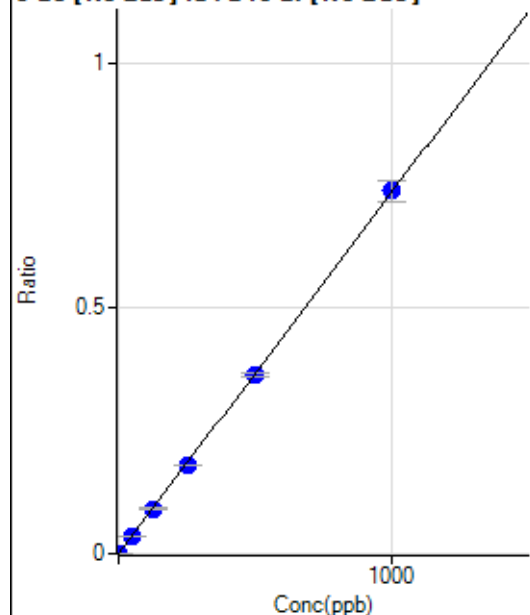


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8110220MS.b\
Analysis File: P8110220MS.batch.bin
DA Date-Time: 2020-11-02 23:17:58
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-11-02 16:10:38
2	004CALS.d	S02	2020-11-02 16:13:49
3	005CALS.d	S03	2020-11-02 16:16:58
4	006CALS.d	S04	2020-11-02 16:20:09
5	007CALS.d	S05	2020-11-02 16:23:12
6	008CALS.d	S06	2020-11-02 16:26:12
7	009CALS.d	S07	2020-11-02 16:29:10
8	010CALS.d	S08	2020-11-02 16:32:11

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	86.65	0.0001	P	2.3
2	☐	1.000	0.893	825.19	0.0007	P	7.8
3	☐	50.000	49.234	40648.91	0.0363	P	2.0
4	☐	125.000	124.093	102534.22	0.0914	P	3.7
5	☐	250.000	244.491	202078.56	0.1799	P	0.8
6	☐	500.000	493.040	401600.75	0.3628	P	2.3
7	☐	1000.000	1005.009	796105.67	0.7394	P	5.8
8	☐			459.92	0.0004	P	8.4

$$y = 7.3565E-004 * x + 7.7179E-005$$

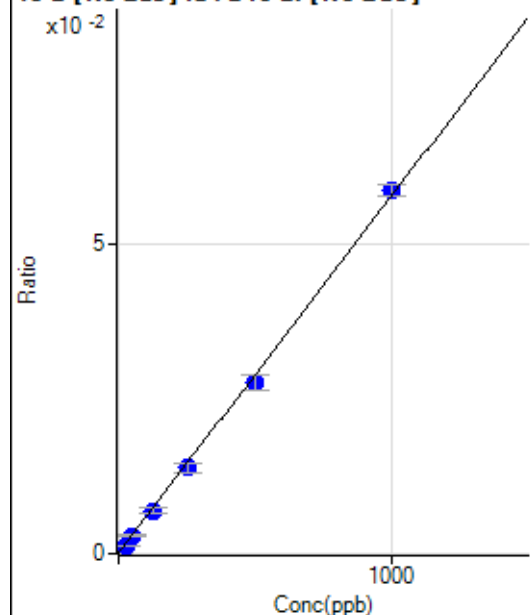
$$R = 0.9999$$

$$DL = 0.007144$$

$$BEC = 0.1049$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	124.64	0.0001	P	13.9
2	☐	25.000	20.499	1450.46	0.0013	P	10.9
3	☐	50.000	48.438	3247.06	0.0029	P	12.0
4	☐	125.000	118.934	7808.56	0.0070	P	10.3
5	☐	250.000	238.042	15516.49	0.0138	P	9.3
6	☐	500.000	479.360	30664.54	0.0277	P	8.8
7	☐	1000.000	1014.258	63161.10	0.0585	P	3.2
8	☐			9976.77	0.0089	P	10.9

$$y = 5.7543E-005 * x + 1.1090E-004$$

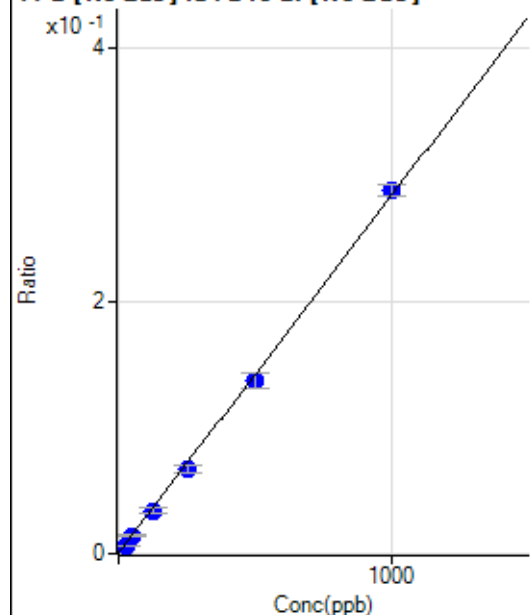
$$R = 0.9996$$

$$DL = 0.8031$$

$$BEC = 1.927$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	548.57	0.0005	P	9.1
2	☐	25.000	19.776	6841.59	0.0061	P	10.0
3	☐	50.000	47.578	15635.92	0.0140	P	8.1
4	☐	125.000	119.222	38431.80	0.0342	P	9.0
5	☐	250.000	235.403	75428.90	0.0671	P	8.4
6	☐	500.000	483.137	152009.72	0.1373	P	8.7
7	☐	1000.000	1013.055	310260.64	0.2873	P	3.1
8	☐			47991.20	0.0427	P	11.1

$$y = 2.8308\text{E-}004 * x + 4.8869\text{E-}004$$

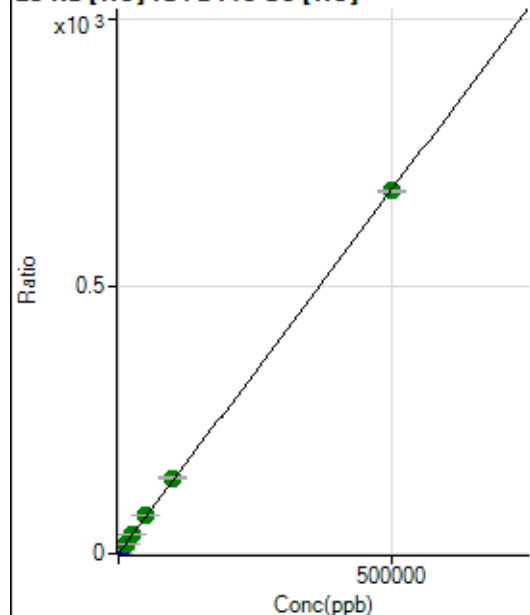
$$R = 0.9997$$

$$DL = 0.4735$$

$$BEC = 1.726$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	32294.61	0.3663	P	3.1
2	☐	500.000	476.801	90181.36	1.0144	P	0.1
3	☐	5000.000	5564.069	687744.60	7.9291	P	2.7
4	☐	12500.000	13482.986	1642729.42	18.6927	A	5.8
5	☐	25000.000	25627.879	3198742.28	35.2003	A	0.8
6	☐	50000.000	52259.152	6380753.40	71.3981	A	0.3
7	☐	100000.00	104146.99	12755249.07	141.9252	A	1.5
8	☐	500000.00	498883.09	60392118.02	678.4593	A	0.5

$$y = 0.0014 * x + 0.3663$$

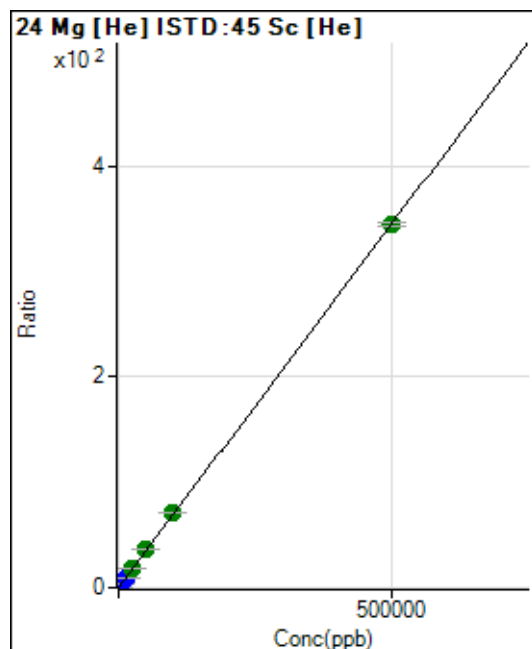
$$R = 1.0000$$

$$DL = 25.27$$

$$BEC = 269.5$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	544.47	0.0062	P	4.1
2	☐	500.000	468.684	29279.90	0.3293	P	0.9
3	☐	5000.000	5655.080	338803.23	3.9056	P	1.7
4	☐	12500.000	13835.684	838994.14	9.5464	P	5.6
5	☐	25000.000	26209.725	1642860.36	18.0788	A	1.0
6	☐	50000.000	52689.383	3247447.88	36.3375	A	0.6
7	☐	100000.00	103042.72	6386211.47	71.0581	A	1.6
8	☐	500000.00	499022.11	30629959.02	344.1013	A	0.9

$$y = 6.8954\text{E-}004 * x + 0.0062$$

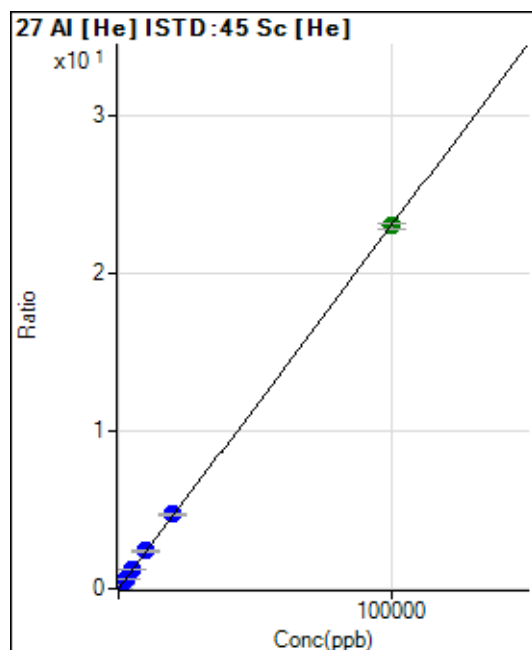
$$R = 1.0000$$

$$DL = 1.098$$

$$BEC = 8.952$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	396.21	0.0045	P	0.9
2	☐	20.000	18.574	780.34	0.0088	P	4.4
3	☐	1000.000	1066.176	21730.09	0.2505	P	0.9
4	☐	2500.000	2657.460	54273.46	0.6176	P	5.6
5	☐	5000.000	5061.067	106507.51	1.1721	P	0.8
6	☐	10000.000	10323.935	213238.18	2.3862	P	0.9
7	☐	20000.000	20454.932	424499.25	4.7233	P	1.5
8	☐	100000.00	99868.969	2051184.46	23.0437	A	1.9

$$y = 2.3069\text{E-}004 * x + 0.0045$$

$$R = 1.0000$$

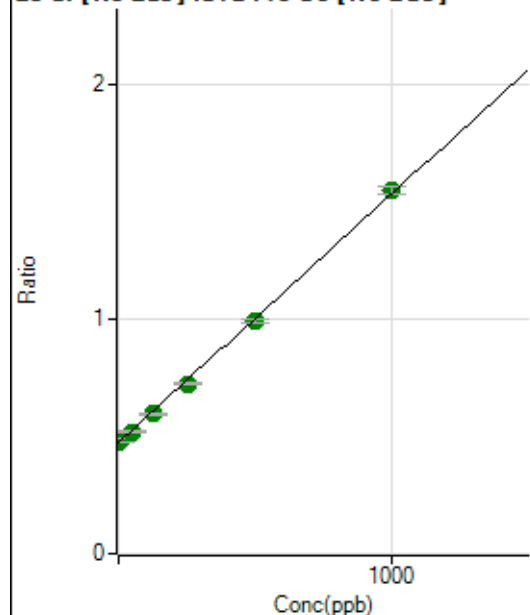
$$DL = 0.5309$$

$$BEC = 19.48$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1056461.74	0.4744	A	1.2
2	☐	10.000	8.529	1083824.84	0.4835	A	1.8
3	☐	50.000	42.795	1178363.96	0.5198	A	0.5
4	☐	125.000	114.625	1369201.89	0.5959	A	1.8
5	☐	250.000	236.419	1690629.29	0.7249	A	1.5
6	☐	500.000	487.282	2235329.84	0.9907	A	2.1
7	☐	1000.000	1011.426	3349394.37	1.5460	A	2.1
8	☐			1458441.72	0.6370	A	3.8

$$y = 0.0011 * x + 0.4744$$

R = 0.9998

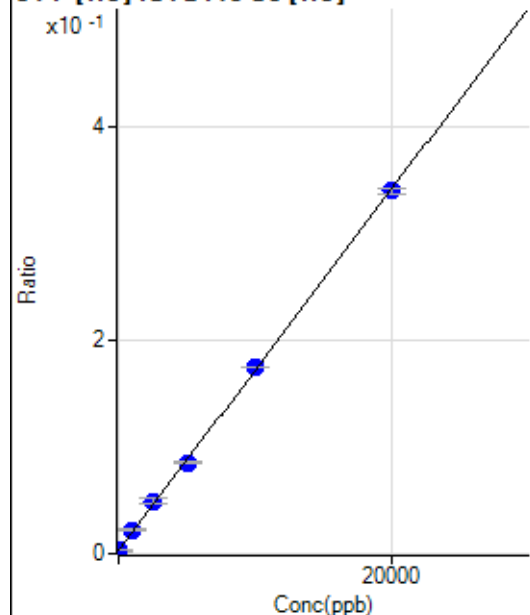
DL = 15.65

BEC = 447.8

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-2.110	261.12	0.0030	P	17.7
2	☐	0.000	2.110	269.46	0.0030	P	7.4
3	☐	1000.000	1141.776	1936.29	0.0223	P	1.8
4	☐	2500.000	2719.629	4303.51	0.0490	P	9.9
5	☐	5000.000	4862.947	7752.28	0.0853	P	1.1
6	☐	10000.000	10185.767	15675.47	0.1754	P	0.3
7	☐	20000.000	19906.837	30552.10	0.3399	P	1.6
8	☐			277.79	0.0031	P	6.1

$$y = 1.6926E-005 * x + 0.0030$$

R = 0.9998

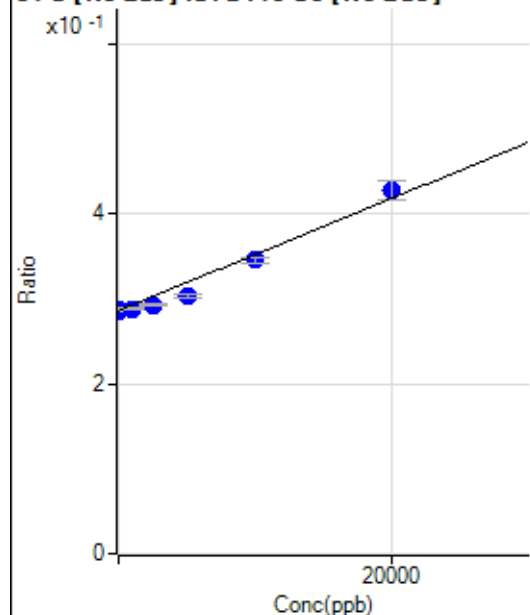
DL = 66.41

BEC = 176.9

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-96.487	635912.19	0.2856	P	1.5
2	☐	0.000	96.487	643082.86	0.2869	P	1.4
3	☐	1000.000	266.572	652869.78	0.2880	P	0.4
4	☐	2500.000	988.299	672596.93	0.2927	P	0.8
5	☐	5000.000	2703.280	708972.30	0.3041	P	1.4
6	☐	10000.000	8959.852	778913.38	0.3453	P	1.9
7	☐	20000.000	21319.888	923749.61	0.4269	P	5.5
8	☐			608037.26	0.2655	P	1.9

$$y = 6.5979E-006 * x + 0.2862$$

$$R = 0.9911$$

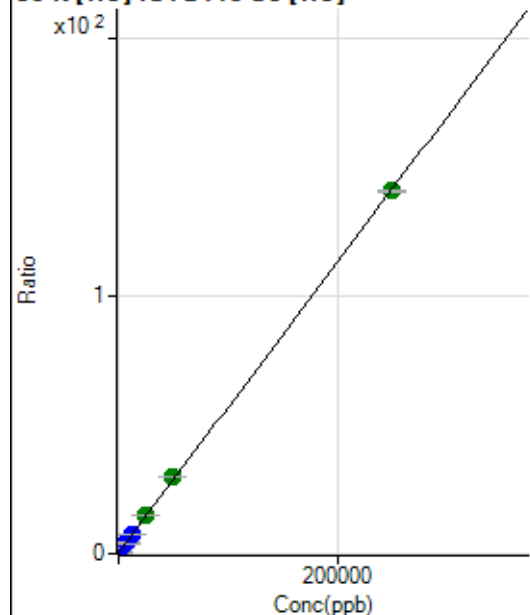
$$DL = 1918$$

$$BEC = 4.338E+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	28898.96	0.3277	P	1.2
2	☐	500.000	451.423	51723.77	0.5818	P	1.5
3	☐	2500.000	2782.557	164271.31	1.8936	P	1.6
4	☐	6250.000	6841.151	367141.42	4.1776	P	5.7
5	☐	12500.000	13027.866	696001.22	7.6592	P	1.2
6	☐	25000.000	26182.615	1345982.47	15.0620	A	1.5
7	☐	50000.000	52226.460	2670866.96	29.7182	A	1.6
8	☐	250000.00	249392.54	12521824.93	140.6733	A	0.5

$$y = 5.6275E-004 * x + 0.3277$$

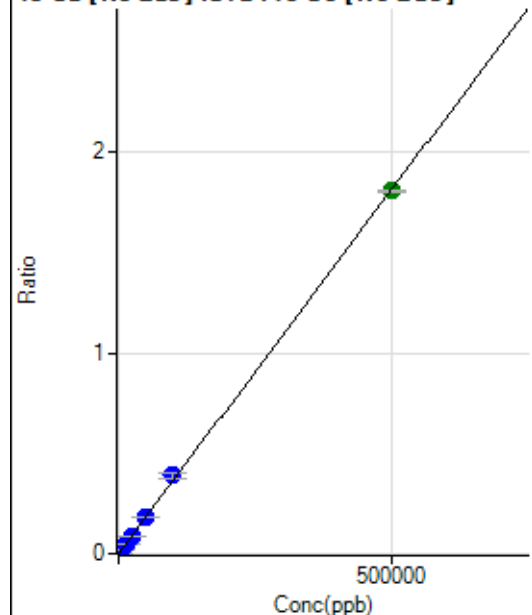
$$R = 1.0000$$

$$DL = 21.17$$

$$BEC = 582.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	462.03	0.0002	P	6.2
2	☐	500.000	445.334	4088.83	0.0018	P	2.2
3	☐	5000.000	5114.574	42558.08	0.0188	P	0.3
4	☐	12500.000	12545.761	105102.53	0.0457	P	1.2
5	☐	25000.000	24615.442	208814.52	0.0896	P	1.7
6	☐	50000.000	51020.747	418225.91	0.1854	P	1.0
7	☐	100000.00	107001.66	840985.88	0.3886	P	5.2
8	☐	500000.00	498514.58	4144468.72	1.8097	A	0.5

$$y = 3.6299\text{E-}006 * x + 2.0754\text{E-}004$$

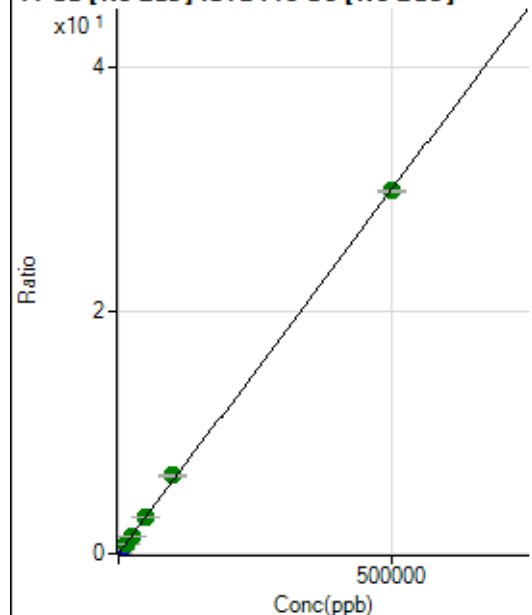
$$R = 0.9999$$

$$DL = 10.61$$

$$BEC = 57.18$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	24105.83	0.0108	P	1.4
2	☐	500.000	457.004	85608.42	0.0382	P	0.4
3	☐	5000.000	5216.111	732445.54	0.3231	P	0.9
4	☐	12500.000	12624.268	1761228.09	0.7666	A	1.2
5	☐	25000.000	24641.278	3465059.99	1.4860	A	1.0
6	☐	50000.000	50493.673	6842467.04	3.0337	A	1.8
7	☐	100000.00	106952.13	13883368.24	6.4136	A	4.5
8	☐	500000.00	498572.91	68379180.37	29.8581	A	0.5

$$y = 5.9865\text{E-}005 * x + 0.0108$$

$$R = 0.9999$$

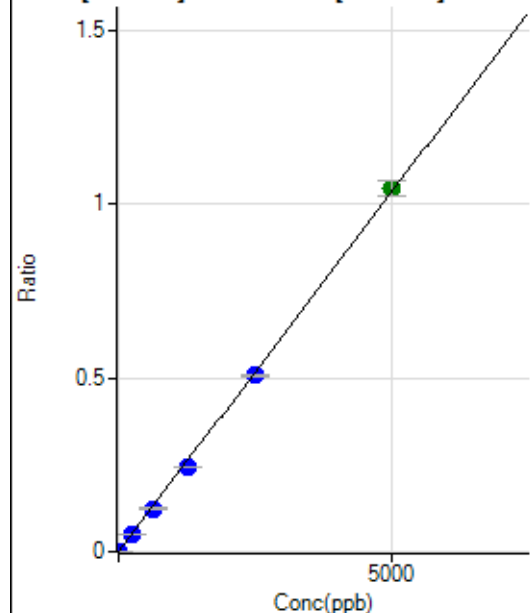
$$DL = 7.336$$

$$BEC = 180.8$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	358.35	0.0002	P	28.0
2	☐	5.000	4.294	2353.03	0.0010	P	7.8
3	☐	250.000	243.603	114601.50	0.0506	P	0.6
4	☐	625.000	600.126	285586.91	0.1243	P	0.3
5	☐	1250.000	1179.092	569071.22	0.2441	P	1.3
6	☐	2500.000	2450.679	1143825.24	0.5071	P	1.0
7	☐	5000.000	5045.817	2259974.92	1.0439	A	4.1
8	☐			633.37	0.0003	P	9.9

$$y = 2.0685\text{E-}004 * x + 1.6130\text{E-}004$$

$$R = 0.9998$$

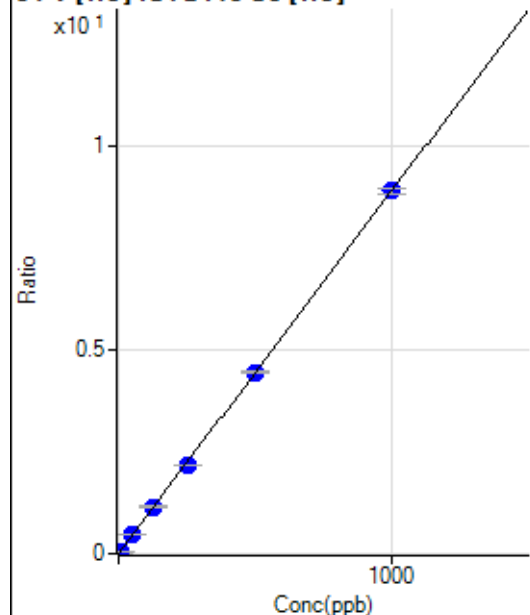
$$DL = 0.6558$$

$$BEC = 0.7798$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0002	P	54.5
2	☐	5.000	4.507	3587.15	0.0404	P	4.9
3	☐	50.000	51.597	39899.90	0.4600	P	2.6
4	☐	125.000	127.532	99931.93	1.1367	P	4.5
5	☐	250.000	244.405	197939.59	2.1782	P	0.8
6	☐	500.000	500.721	398760.71	4.4624	P	1.3
7	☐	1000.000	1000.644	801425.10	8.9174	P	1.7
8	☐			128.89	0.0014	P	1.8

$$y = 0.0089 * x + 1.8996\text{E-}004$$

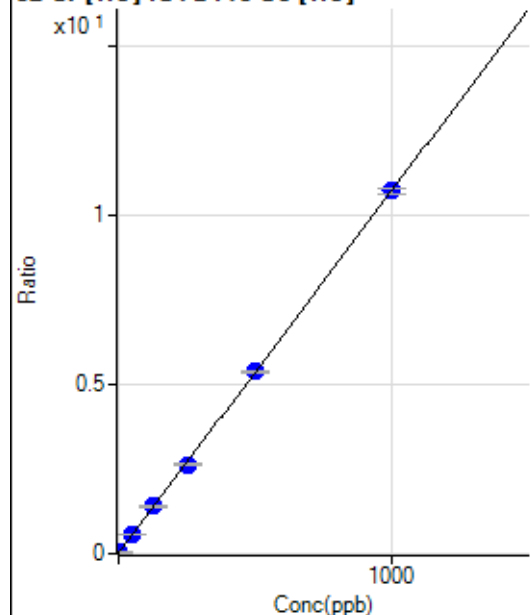
$$R = 1.0000$$

$$DL = 0.03485$$

$$BEC = 0.02132$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	890.04	0.0101	P	0.9
2	☐	2.000	1.716	2533.59	0.0285	P	4.2
3	☐	50.000	52.336	49564.51	0.5714	P	2.2
4	☐	125.000	129.389	122848.79	1.3978	P	5.5
5	☐	250.000	245.301	239983.00	2.6409	P	1.1
6	☐	500.000	500.599	480682.36	5.3789	P	1.0
7	☐	1000.000	1000.211	964977.45	10.7372	P	1.7
8	☐			4320.69	0.0485	P	2.9

$$y = 0.0107 * x + 0.0101$$

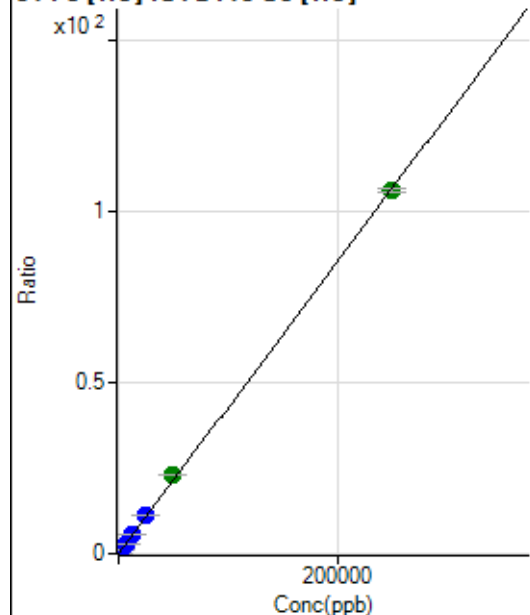
$$R = 1.0000$$

$$DL = 0.02402$$

$$BEC = 0.941$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	466.69	0.0053	P	12.5
2	☐	50.000	48.504	2307.64	0.0260	P	5.1
3	☐	2500.000	2774.744	102998.04	1.1874	P	2.5
4	☐	6250.000	6887.005	258403.05	2.9393	P	4.6
5	☐	12500.000	13094.997	507432.78	5.5841	P	1.2
6	☐	25000.000	26802.344	1020875.50	11.4237	P	0.9
7	☐	50000.000	54135.871	2073221.60	23.0685	A	1.6
8	☐	250000.00	248944.16	9440882.73	106.0616	A	0.9

$$y = 4.2602E-004 * x + 0.0053$$

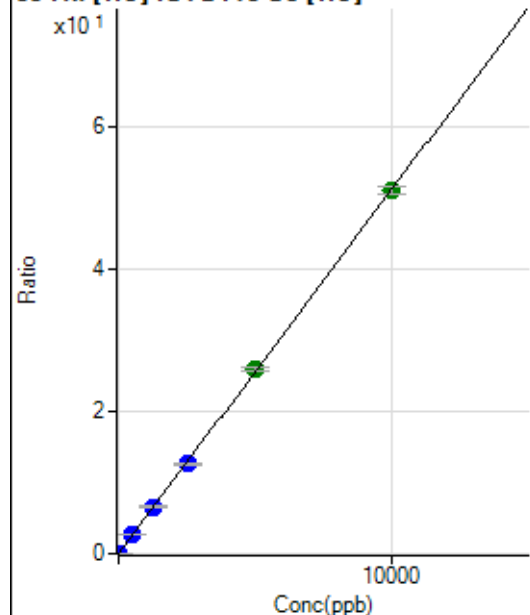
$$R = 0.9998$$

$$DL = 4.65$$

$$BEC = 12.43$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	240.00	0.0027	P	1.7
2	☐	1.000	0.989	691.13	0.0078	P	4.2
3	☐	500.000	524.946	232799.69	2.6840	P	3.2
4	☐	1250.000	1293.589	580901.20	6.6101	P	5.8
5	☐	2500.000	2470.265	1146812.17	12.6203	P	1.5
6	☐	5000.000	5065.998	2312546.60	25.8787	A	1.8
7	☐	10000.000	9967.739	4575680.55	50.9157	A	2.2
8	☐			4089.51	0.0459	P	4.0

$$y = 0.0051 * x + 0.0027$$

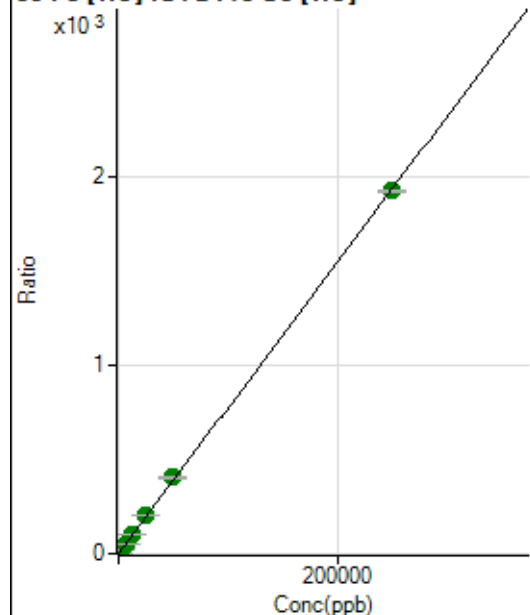
$$R = 1.0000$$

$$DL = 0.02769$$

$$BEC = 0.5328$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3470.85	0.0394	P	1.8
2	☐	50.000	47.041	35780.17	0.4025	P	2.0
3	☐	2500.000	2795.340	1874888.80	21.6167	A	3.0
4	☐	6250.000	6772.037	4597761.71	52.3130	A	5.5
5	☐	12500.000	12849.704	9016758.48	99.2267	A	1.7
6	☐	25000.000	26262.188	18119486.74	202.7581	A	0.8
7	☐	50000.000	52405.049	36357145.72	404.5557	A	2.0
8	☐	250000.00	249359.28	171339953.8	1,924.852	A	0.3

$$y = 0.0077 * x + 0.0394$$

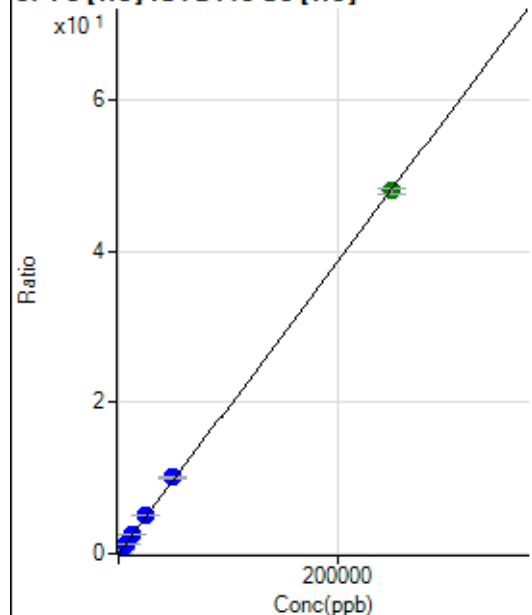
$$R = 0.9999$$

$$DL = 0.2724$$

$$BEC = 5.099$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	146.30	0.0017	P	8.4
2	☐	50.000	47.607	961.17	0.0108	P	1.4
3	☐	2500.000	2776.341	46451.58	0.5355	P	1.5
4	☐	6250.000	6719.750	113723.32	1.2937	P	4.8
5	☐	12500.000	13022.881	227683.48	2.5055	P	1.1
6	☐	25000.000	26397.021	453719.57	5.0770	P	0.4
7	☐	50000.000	52517.881	907615.13	10.0992	P	1.9
8	☐	250000.00	249316.07	4267070.81	47.9373	A	1.3

$$y = 1.9227E-004 * x + 0.0017$$

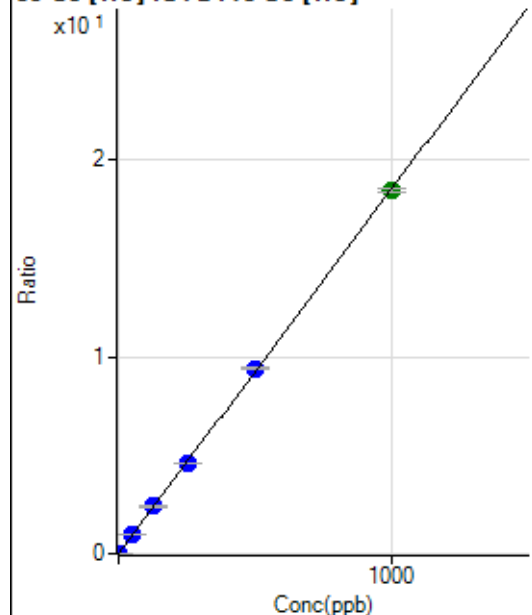
R = 0.9999

DL = 2.175

BEC = 8.623

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	94.45	0.0011	P	22.2
2	☐	1.000	0.927	1621.22	0.0182	P	2.3
3	☐	50.000	53.327	85740.46	0.9885	P	2.4
4	☐	125.000	130.030	211733.26	2.4087	P	4.9
5	☐	250.000	248.597	418375.12	4.6041	P	1.4
6	☐	500.000	508.441	841388.88	9.4153	P	1.0
7	☐	1000.000	995.335	1656467.55	18.4306	A	1.2
8	☐			2900.32	0.0326	P	5.4

$$y = 0.0185 * x + 0.0011$$

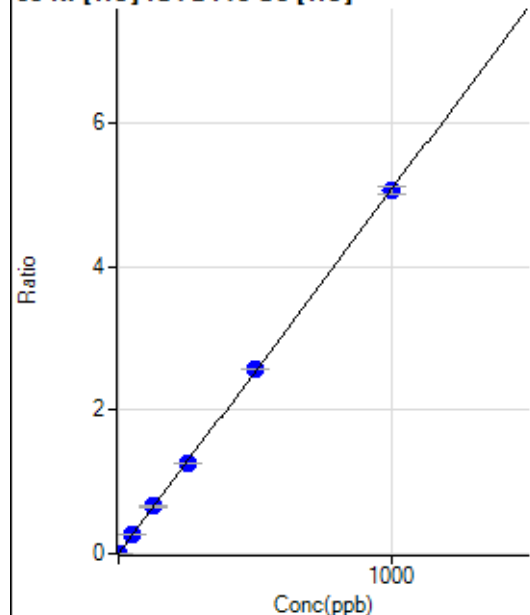
R = 0.9999

DL = 0.03868

BEC = 0.05796

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	203.34	0.0023	P	9.3
2	☐	1.000	0.792	562.24	0.0063	P	6.6
3	☐	50.000	54.112	24006.99	0.2768	P	3.0
4	☐	125.000	130.203	58269.74	0.6627	P	4.2
5	☐	250.000	247.407	114246.11	1.2572	P	1.5
6	☐	500.000	506.740	229913.52	2.5727	P	0.6
7	☐	1000.000	996.422	454417.63	5.0565	P	2.1
8	☐			1491.21	0.0168	P	2.3

$$y = 0.0051 * x + 0.0023$$

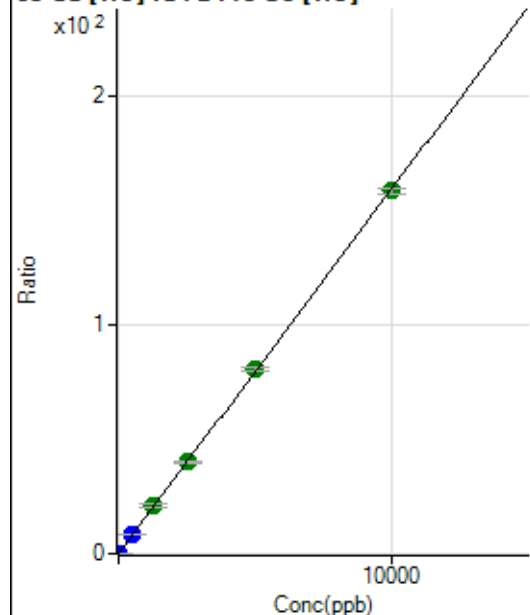
$$R = 0.9999$$

$$DL = 0.1274$$

$$BEC = 0.4547$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	687.80	0.0078	P	5.5
2	☐	2.000	2.012	3543.74	0.0399	P	4.3
3	☐	500.000	540.112	747243.84	8.6143	P	2.0
4	☐	1250.000	1316.868	1845522.61	20.9916	A	4.4
5	☐	2500.000	2510.703	3636137.22	40.0149	A	1.8
6	☐	5000.000	5064.404	7212178.21	80.7072	A	1.5
7	☐	10000.000	9954.758	14256556.91	158.6332	A	1.7
8	☐			8509.62	0.0956	P	3.1

$$y = 0.0159 * x + 0.0078$$

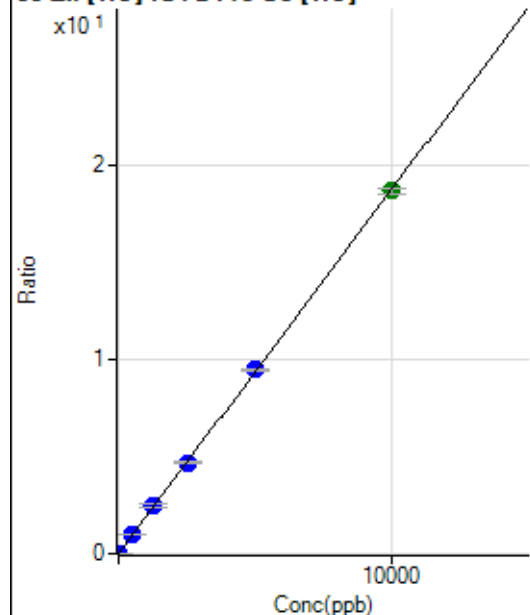
$$R = 0.9999$$

$$DL = 0.08045$$

$$BEC = 0.4897$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	120.00	0.0014	P	25.7
2	☐	2.000	2.001	454.46	0.0051	P	5.0
3	☐	500.000	538.515	87715.81	1.0112	P	1.7
4	☐	1250.000	1314.115	216709.00	2.4655	P	5.2
5	☐	2500.000	2503.058	426633.69	4.6949	P	1.3
6	☐	5000.000	5047.813	845989.94	9.4667	P	0.9
7	☐	10000.000	9965.389	1679521.57	18.6878	A	1.6
8	☐			4875.33	0.0548	P	0.5

$$y = 0.0019 * x + 0.0014$$

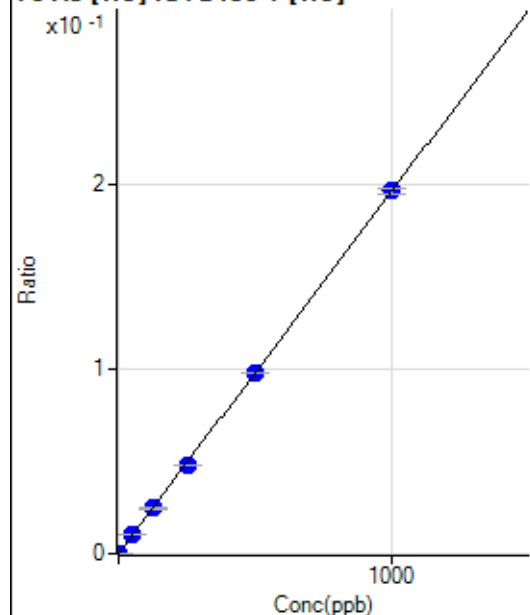
$$R = 1.0000$$

$$DL = 0.559$$

$$BEC = 0.7249$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8.33	0.0000	P	41.0
2	☐	1.000	0.904	121.01	0.0002	P	15.6
3	☐	50.000	52.356	6399.77	0.0103	P	1.9
4	☐	125.000	126.435	15804.74	0.0248	P	4.4
5	☐	250.000	243.944	31238.48	0.0479	P	0.8
6	☐	500.000	498.967	62951.87	0.0979	P	0.3
7	☐	1000.000	1001.733	126465.77	0.1965	P	1.4
8	☐			57.68	0.0001	P	7.8

$$y = 1.9612E-004 * x + 1.3177E-005$$

$$R = 1.0000$$

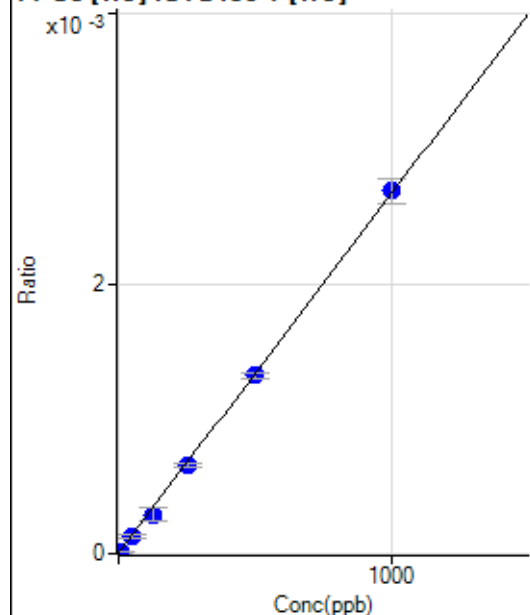
$$DL = 0.08274$$

$$BEC = 0.06719$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3.33	0.0000	P	1.2
2	☐	5.000	4.594	11.11	0.0000	P	35.1
3	☐	50.000	46.893	81.11	0.0001	P	19.4
4	☐	125.000	106.709	184.45	0.0003	P	35.6
5	☐	250.000	243.620	426.68	0.0007	P	4.4
6	☐	500.000	493.292	847.81	0.0013	P	2.4
7	☐	1000.000	1007.393	1727.90	0.0027	P	6.9
8	☐			3.33	0.0000	P	0.3

$$y = 2.6611\text{E-}006 * x + 5.2804\text{E-}006$$

$$R = 0.9998$$

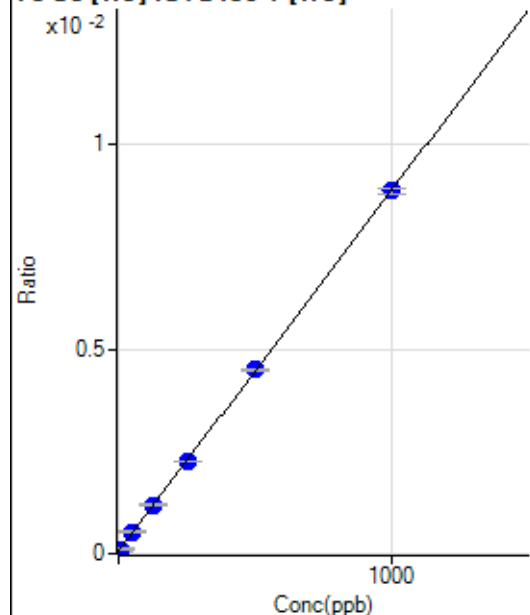
$$DL = 0.07131$$

$$BEC = 1.984$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	40.00	0.0001	P	20.3
2	☐	5.000	6.010	74.01	0.0001	P	4.2
3	☐	50.000	53.202	330.71	0.0005	P	9.0
4	☐	125.000	127.210	754.76	0.0012	P	3.3
5	☐	250.000	249.908	1478.23	0.0023	P	0.2
6	☐	500.000	502.006	2884.59	0.0045	P	1.6
7	☐	1000.000	998.579	5702.07	0.0089	P	1.3
8	☐			37.33	0.0001	P	25.8

$$y = 8.8074\text{E-}006 * x + 6.3489\text{E-}005$$

$$R = 1.0000$$

$$DL = 4.391$$

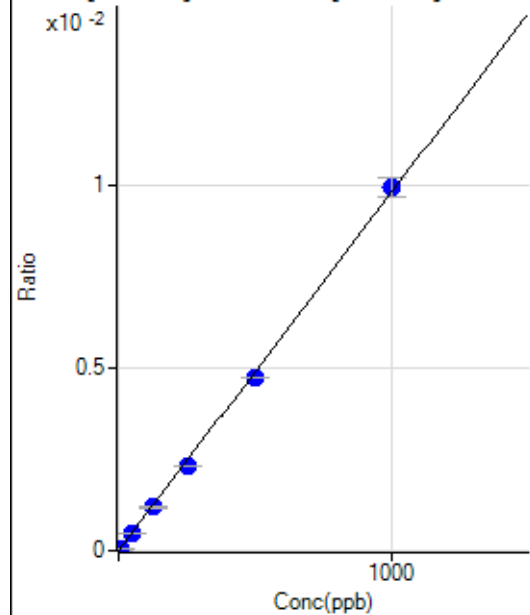
$$BEC = 7.209$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2582.91		P	8.1
2	☐			2519.50		P	7.9
3	☐			2749.78		P	11.3
4	☐			2626.29		P	4.2
5	☐			2749.77		P	4.8
6	☐			2703.05		P	5.1
7	☐			2629.64		P	4.9
8	☐			2846.57		P	1.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.45	0.0000	P	7370.
2	☐	5.000	4.010	220.01	0.0000	P	13.5
3	☐	50.000	49.013	2722.14	0.0005	P	0.6
4	☐	125.000	121.418	6832.67	0.0012	P	2.3
5	☐	250.000	236.585	13432.21	0.0023	P	1.1
6	☐	500.000	482.621	26898.65	0.0047	P	0.2
7	☐	1000.000	1012.545	53898.33	0.0099	P	5.4
8	☐			47.37	0.0000	P	91.7

$$y = 9.8094E-006 * x + 9.1417E-008$$

$$R = 0.9997$$

$$DL = 2.061$$

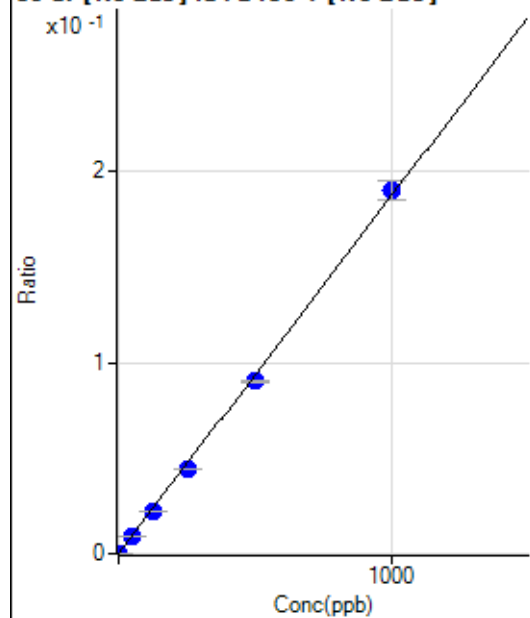
$$BEC = 0.009319$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			374.45		P	4.2
2	☐			402.23		P	1.9
3	☐			333.34		P	1.7
4	☐			358.90		P	10.2
5	☐			373.34		P	3.2
6	☐			362.23		P	10.7
7	☐			407.79		P	8.4
8	☐			341.12		P	11.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	683.37	0.0001	P	7.4
2	☐	1.000	0.813	1522.35	0.0003	P	4.2
3	☐	50.000	48.146	51637.49	0.0091	P	0.3
4	☐	125.000	118.976	128305.01	0.0224	P	0.9
5	☐	250.000	236.720	256840.57	0.0444	P	0.4
6	☐	500.000	481.012	511577.80	0.0900	P	0.7
7	☐	1000.000	1013.660	1028971.01	0.1896	P	5.4
8	☐			6018.11	0.0011	P	0.7

$$y = 1.8695E-004 * x + 1.2069E-004$$

$$R = 0.9996$$

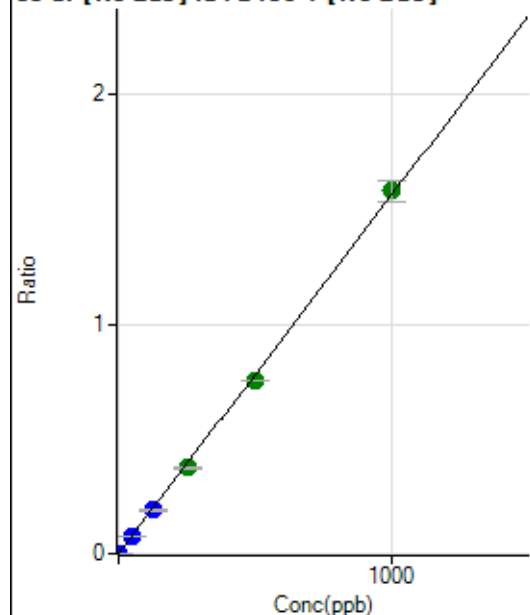
$$DL = 0.1437$$

$$BEC = 0.6456$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	205.57	0.0000	P	13.1
2	☐	1.000	0.881	7894.10	0.0014	P	1.8
3	☐	50.000	49.341	436639.23	0.0771	P	0.4
4	☐	125.000	121.324	1087735.27	0.1896	P	1.2
5	☐	250.000	239.053	2161900.09	0.3736	A	1.1
6	☐	500.000	482.701	4285052.70	0.7543	A	1.1
7	☐	1000.000	1011.879	8578859.74	1.5811	A	5.7
8	☐			49036.88	0.0087	P	1.8

$$y = 0.0016 * x + 3.6311E-005$$

$$R = 0.9997$$

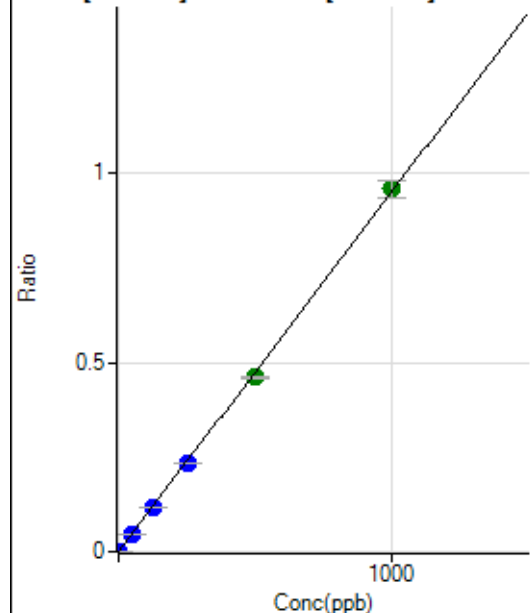
$$DL = 0.009133$$

$$BEC = 0.02324$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	316.68	0.0001	P	26.6
2	☐	1.000	0.842	4778.73	0.0009	P	2.2
3	☐	50.000	50.183	269989.08	0.0477	P	1.6
4	☐	125.000	122.945	669919.62	0.1168	P	1.1
5	☐	250.000	244.650	1344568.39	0.2323	P	0.4
6	☐	500.000	484.735	2614875.30	0.4602	A	0.4
7	☐	1000.000	1009.218	5200194.39	0.9582	A	5.0
8	☐			1533.46	0.0003	P	1.3

$$y = 9.4936E-004 * x + 5.5958E-005$$

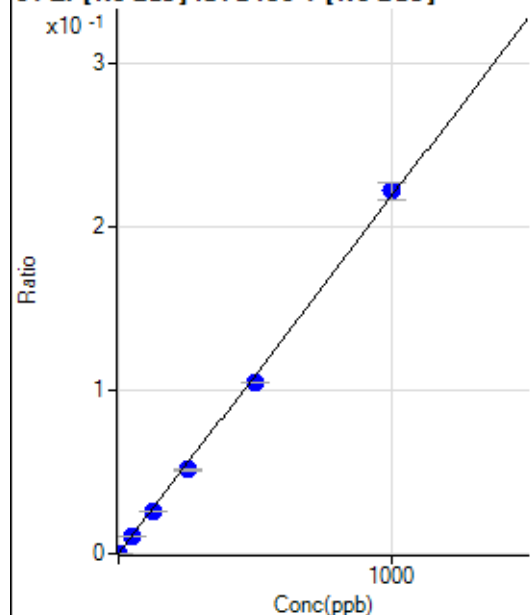
$$R = 0.9998$$

$$DL = 0.04697$$

$$BEC = 0.05894$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	77.78	0.0000	P	53.9
2	☐	1.000	0.854	1119.52	0.0002	P	10.6
3	☐	50.000	48.058	59577.97	0.0105	P	2.1
4	☐	125.000	119.500	149984.17	0.0261	P	2.1
5	☐	250.000	235.321	297886.43	0.0515	P	1.8
6	☐	500.000	477.926	593879.98	0.1045	P	0.3
7	☐	1000.000	1015.491	1205405.60	0.2221	P	4.7
8	☐			325.01	0.0001	P	1.9

$$y = 2.1868\text{E-}004 * x + 1.3741\text{E-}005$$

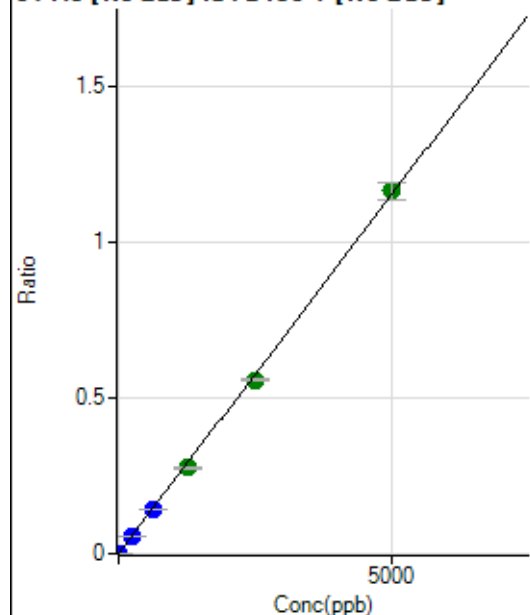
$$R = 0.9995$$

$$DL = 0.1016$$

$$BEC = 0.06283$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	119.45	0.0000	P	17.8
2	☐	5.000	4.338	5690.21	0.0010	P	3.5
3	☐	250.000	246.314	320711.43	0.0567	P	1.1
4	☐	625.000	607.046	800849.65	0.1396	P	1.4
5	☐	1250.000	1196.751	1592677.47	0.2752	A	0.8
6	☐	2500.000	2422.339	3164363.83	0.5570	A	1.2
7	☐	5000.000	5054.572	6307728.40	1.1622	A	5.0
8	☐			1872.41	0.0003	P	6.4

$$y = 2.2993\text{E-}004 * x + 2.1104\text{E-}005$$

$$R = 0.9998$$

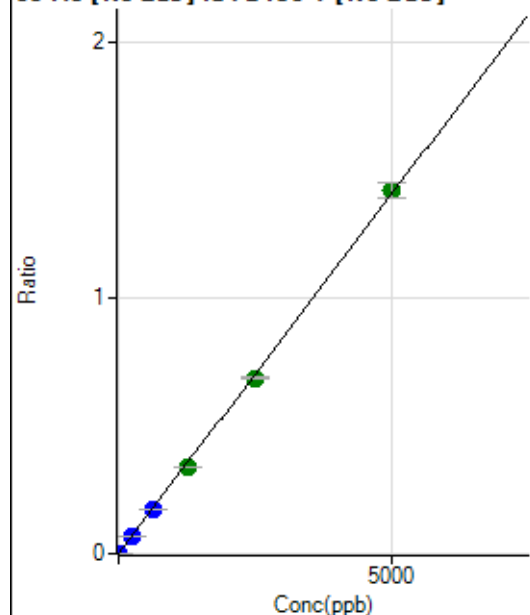
$$DL = 0.04905$$

$$BEC = 0.09178$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	52.78	0.0000	P	48.4
2	☐	5.000	4.431	7015.88	0.0013	P	6.4
3	☐	250.000	246.946	393528.75	0.0695	P	1.2
4	☐	625.000	609.166	983757.40	0.1715	P	1.2
5	☐	1250.000	1198.323	1952357.90	0.3373	A	0.6
6	☐	2500.000	2437.907	3899039.58	0.6862	A	0.9
7	☐	5000.000	5046.098	7710581.16	1.4204	A	4.4
8	☐			1952.97	0.0003	P	5.9

$$y = 2.8148\text{E-}004 * x + 9.3289\text{E-}006$$

$$R = 0.9998$$

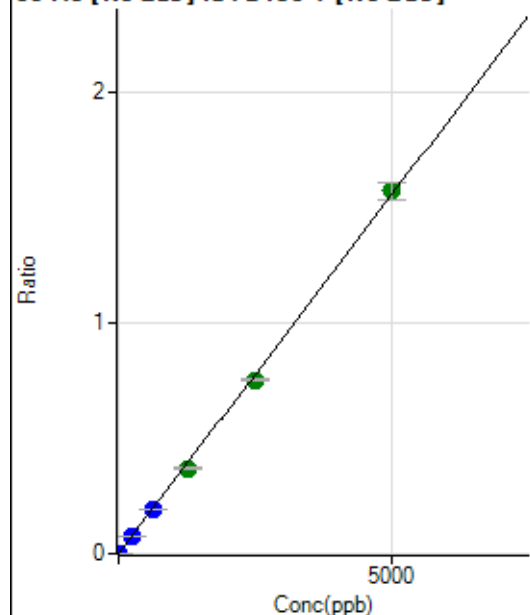
$$DL = 0.04815$$

$$BEC = 0.03314$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61.11	0.0000	P	31.8
2	☐	5.000	4.491	7841.30	0.0014	P	2.5
3	☐	250.000	247.562	434902.44	0.0768	P	0.7
4	☐	625.000	609.719	1085443.69	0.1892	P	1.3
5	☐	1250.000	1191.334	2139477.02	0.3697	A	0.8
6	☐	2500.000	2417.026	4261010.51	0.7500	A	0.8
7	☐	5000.000	5058.186	8519734.74	1.5695	A	4.6
8	☐			2822.59	0.0005	P	8.8

$$y = 3.1029\text{E-}004 * x + 1.0800\text{E-}005$$

$$R = 0.9997$$

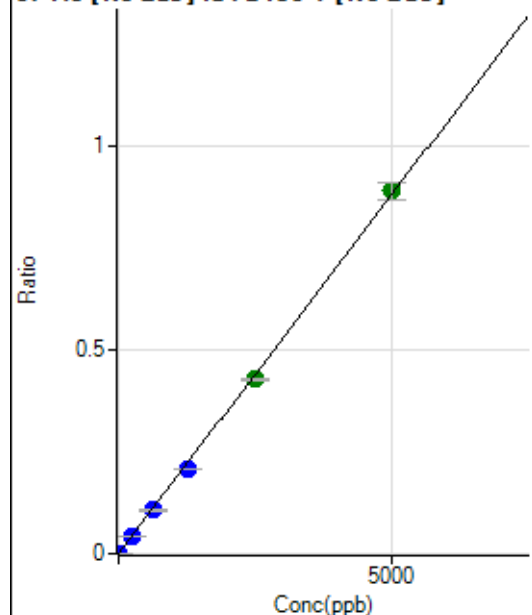
$$DL = 0.0332$$

$$BEC = 0.03481$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	57.6
2	☐	5.000	4.088	4045.17	0.0007	P	1.4
3	☐	250.000	241.171	240411.29	0.0425	P	1.4
4	☐	625.000	603.693	609871.79	0.1063	P	1.1
5	☐	1250.000	1181.692	1204352.13	0.2081	P	0.2
6	☐	2500.000	2426.440	2427535.26	0.4273	A	0.7
7	☐	5000.000	5056.963	4833352.50	0.8905	A	4.7
8	☐			1261.20	0.0002	P	11.1

$$y = 1.7609\text{E-}004 * x + 4.4106\text{E-}006$$

$$R = 0.9997$$

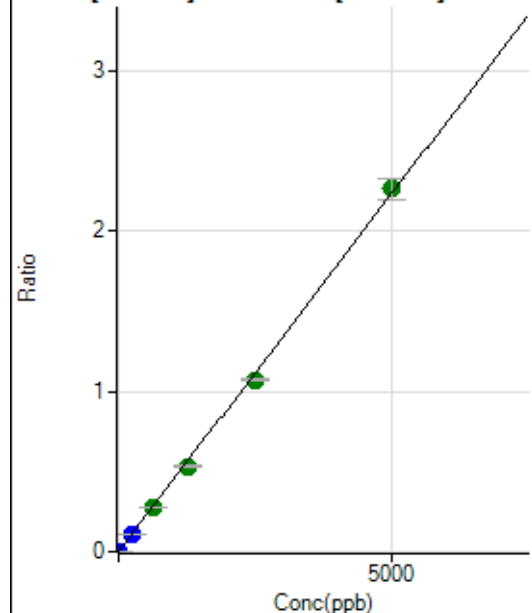
$$DL = 0.0433$$

$$BEC = 0.02505$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.8
2	☐	5.000	4.528	11293.74	0.0020	P	1.4
3	☐	250.000	244.466	617002.54	0.1090	P	1.4
4	☐	625.000	610.545	1561635.53	0.2722	A	1.5
5	☐	1250.000	1190.716	3072771.94	0.5309	A	1.2
6	☐	2500.000	2394.175	6064616.89	1.0675	A	1.0
7	☐	5000.000	5069.818	12264647.06	2.2604	A	5.8
8	☐			3189.33	0.0006	P	1.3

$$y = 4.4586\text{E-}004 * x + 2.9414\text{E-}006$$

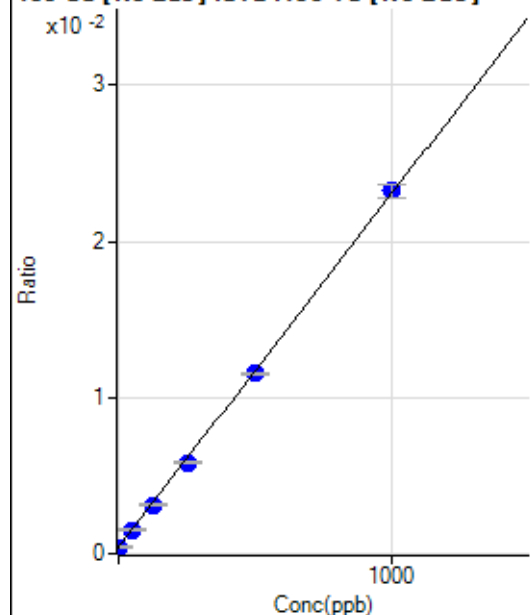
$$R = 0.9996$$

$$DL = 0.009865$$

$$BEC = 0.006597$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1491.79	0.0004	P	10.6
2	☐	1.000	0.065	1480.68	0.0004	P	6.9
3	☐	50.000	48.758	5359.52	0.0015	P	2.3
4	☐	125.000	117.722	11140.89	0.0031	P	4.2
5	☐	250.000	239.138	21041.46	0.0058	P	2.2
6	☐	500.000	490.718	40961.33	0.0115	P	1.7
7	☐	1000.000	1008.329	80213.68	0.0232	P	4.0
8	☐			1505.68	0.0004	P	5.5

$$y = 2.2622\text{E-}005 * x + 4.1870\text{E-}004$$

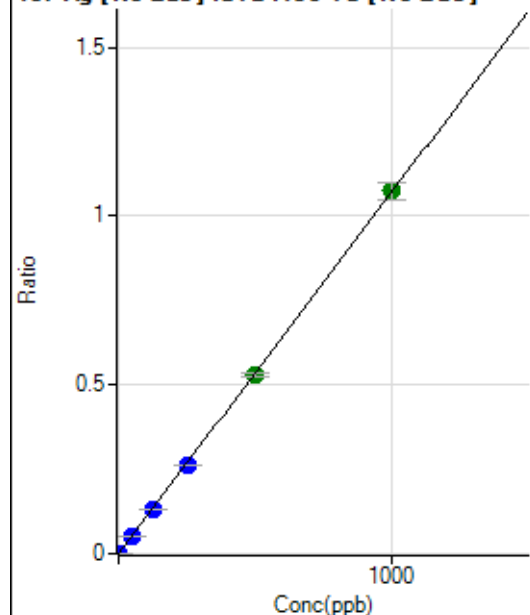
$$R = 0.9999$$

$$DL = 5.871$$

$$BEC = 18.51$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	58.34	0.0000	P	14.3
2	☐	1.000	0.843	3239.35	0.0009	P	5.9
3	☐	50.000	49.883	188126.31	0.0534	P	0.8
4	☐	125.000	121.393	469726.58	0.1300	P	1.9
5	☐	250.000	245.513	949128.48	0.2629	P	0.6
6	☐	500.000	495.631	1886921.37	0.5307	A	1.5
7	☐	1000.000	1003.763	3710151.08	1.0747	A	4.8
8	☐			1961.31	0.0005	P	6.6

$$y = 0.0011 * x + 1.6359\text{E-}005$$

$$R = 1.0000$$

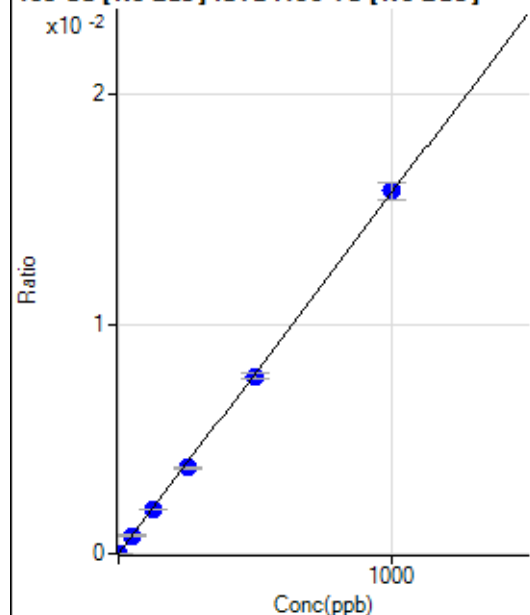
$$DL = 0.00654$$

$$BEC = 0.01528$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6.94	0.0000	P	34.0
2	☐	1.000	1.260	76.39	0.0000	P	40.8
3	☐	50.000	49.696	2753.09	0.0008	P	6.7
4	☐	125.000	123.170	6989.35	0.0019	P	1.7
5	☐	250.000	238.941	13542.91	0.0038	P	2.1
6	☐	500.000	492.835	27496.90	0.0077	P	2.4
7	☐	1000.000	1006.591	54523.86	0.0158	P	4.6
8	☐			59.72	0.0000	P	16.9

$$y = 1.5687E-005 * x + 1.9435E-006$$

$$R = 0.9999$$

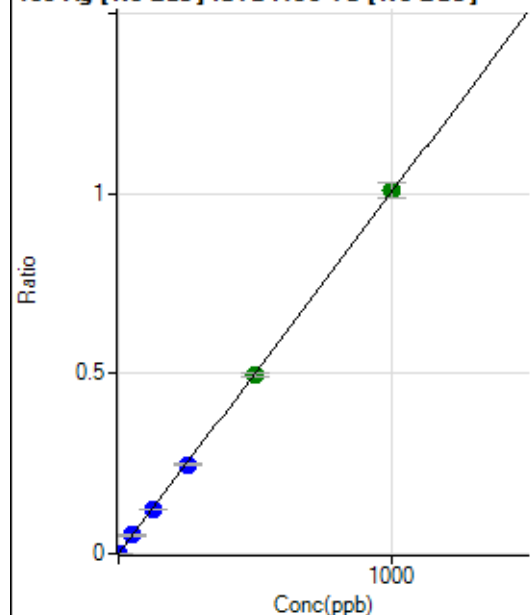
$$DL = 0.1263$$

$$BEC = 0.1239$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41.67	0.0000	P	60.8
2	☐	1.000	0.884	3167.11	0.0009	P	1.8
3	☐	50.000	50.633	178989.13	0.0508	P	1.6
4	☐	125.000	123.735	448805.19	0.1242	P	1.2
5	☐	250.000	246.354	892639.90	0.2473	P	1.9
6	☐	500.000	494.166	1763256.57	0.4960	A	2.7
7	☐	1000.000	1003.955	3479168.70	1.0076	A	4.1
8	☐			1661.27	0.0005	P	5.3

$$y = 0.0010 * x + 1.1748E-005$$

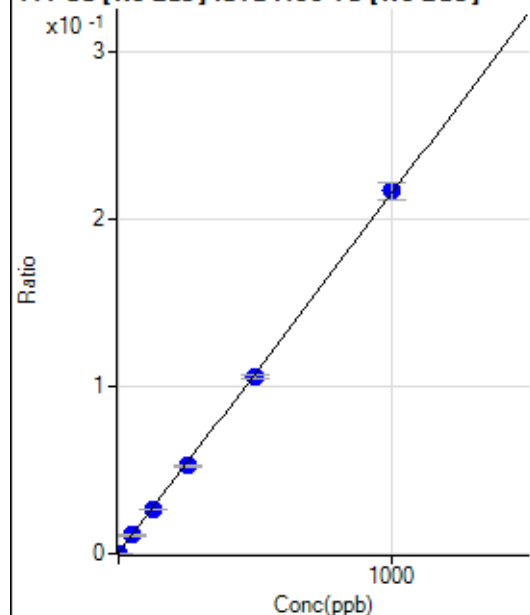
$$R = 1.0000$$

$$DL = 0.02135$$

$$BEC = 0.01171$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1049.11	0.0003	P	11.3
2	☐	1.000	1.150	1909.44	0.0005	P	2.8
3	☐	50.000	49.567	38554.06	0.0109	P	2.0
4	☐	125.000	120.822	94921.66	0.0263	P	1.0
5	☐	250.000	243.030	189656.87	0.0525	P	1.6
6	☐	500.000	490.117	375655.63	0.1056	P	1.2
7	☐	1000.000	1007.228	748489.85	0.2168	P	4.5
8	☐			1312.18	0.0004	P	2.5

$$y = 2.1495\text{E-}004 * x + 2.9448\text{E-}004$$

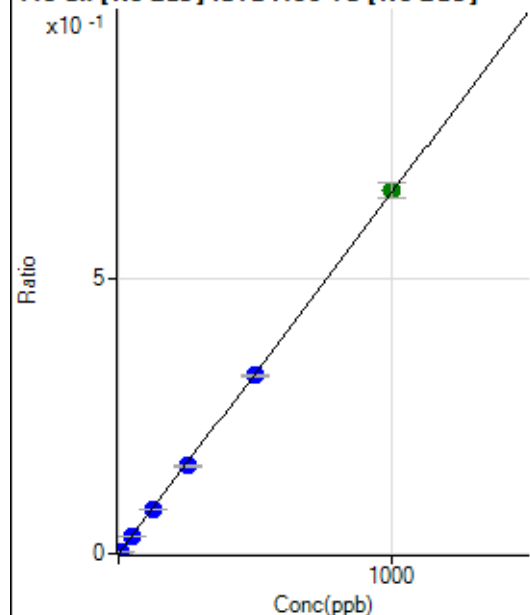
$$R = 0.9999$$

$$DL = 0.4664$$

$$BEC = 1.37$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	183.34	0.0001	P	23.1
2	☐	5.000	4.486	10565.50	0.0030	P	1.6
3	☐	50.000	49.982	115748.69	0.0329	P	1.0
4	☐	125.000	120.844	286926.15	0.0794	P	1.7
5	☐	250.000	242.881	575952.95	0.1595	P	1.3
6	☐	500.000	494.321	1154361.27	0.3246	P	1.4
7	☐	1000.000	1005.142	2279012.07	0.6600	A	4.3
8	☐			1055.63	0.0003	P	6.9

$$y = 6.5661\text{E-}004 * x + 5.1438\text{E-}005$$

$$R = 0.9999$$

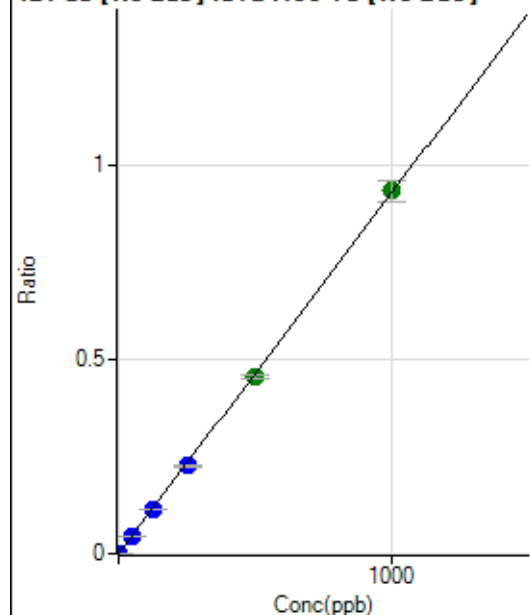
$$DL = 0.0544$$

$$BEC = 0.07834$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	138.4
2	☐	2.000	1.793	5898.65	0.0017	P	5.8
3	☐	50.000	49.897	163412.60	0.0464	P	1.7
4	☐	125.000	121.448	408176.36	0.1129	P	1.1
5	☐	250.000	243.619	817976.67	0.2266	P	1.5
6	☐	500.000	490.737	1622874.83	0.4564	A	1.5
7	☐	1000.000	1006.676	3231032.19	0.9362	A	5.5
8	☐			3044.87	0.0008	P	10.1

$$y = 9.2997\text{E-}004 * x + 5.4688\text{E-}006$$

$$R = 0.9999$$

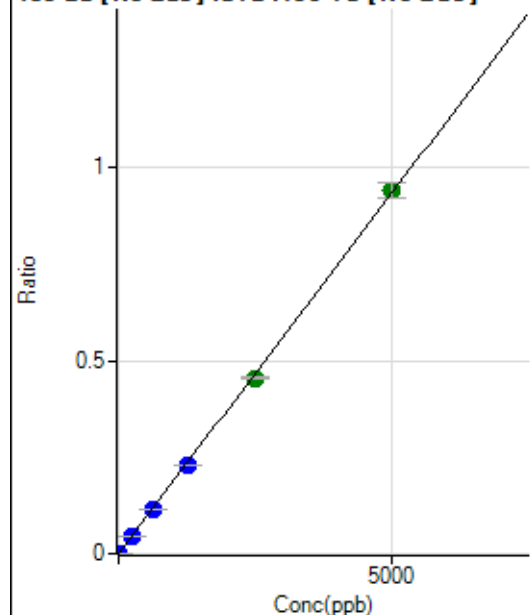
$$DL = 0.02442$$

$$BEC = 0.005881$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	74.3
2	☐	10.000	8.864	5865.33	0.0017	P	0.4
3	☐	250.000	249.771	164341.90	0.0467	P	2.0
4	☐	625.000	616.152	416063.92	0.1151	P	1.0
5	☐	1250.000	1231.479	830712.00	0.2301	P	0.9
6	☐	2500.000	2439.246	1620439.80	0.4557	A	1.6
7	☐	5000.000	5036.127	3248974.36	0.9409	A	4.1
8	☐			5951.46	0.0017	P	1.0

$$y = 1.8683\text{E-}004 * x + 7.7439\text{E-}006$$

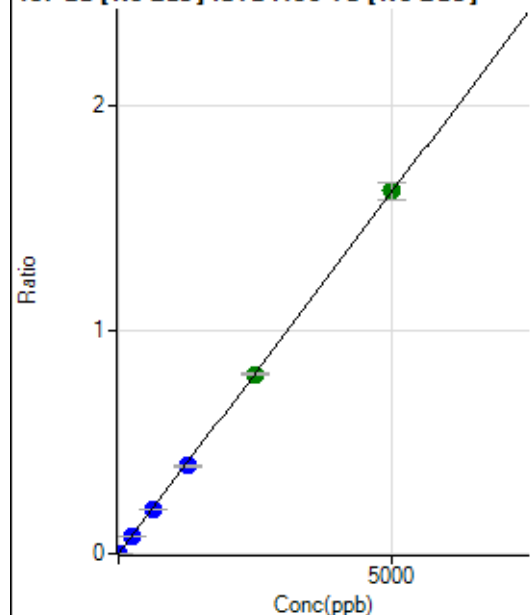
$$R = 0.9999$$

$$DL = 0.09238$$

$$BEC = 0.04145$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	69.44	0.0000	P	71.2
2	☐	10.000	9.093	10426.51	0.0030	P	1.9
3	☐	250.000	248.641	283006.72	0.0804	P	0.6
4	☐	625.000	609.534	711882.13	0.1970	P	1.1
5	☐	1250.000	1218.011	1421089.36	0.3936	P	1.2
6	☐	2500.000	2478.033	2847478.60	0.8008	A	1.2
7	☐	5000.000	5020.984	5601308.85	1.6225	A	4.9
8	☐			10279.18	0.0029	P	2.2

$$y = 3.2314E-004 * x + 1.9538E-005$$

$$R = 1.0000$$

$$DL = 0.1292$$

$$BEC = 0.06046$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.33		P	50.0
2	☐			4.45		P	86.6
3	☐			26.67		P	0.0
4	☐			17.78		P	43.3
5	☐			40.00		P	33.3
6	☐			104.45		P	16.1
7	☐			155.56		P	10.8
8	☐			15.56		P	65.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			3.33		P	100.1
4	☐			1.11		P	173.2
5	☐			5.56		P	34.7
6	☐			20.00		P	101.4
7	☐			20.00		P	60.1
8	☐			3.33		P	100.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			38.89		P	44.6
2	☐			16.67		P	50.0
3	☐			38.89		P	12.4
4	☐			22.22		P	57.3
5	☐			47.22		P	10.2
6	☐			72.23		P	37.1
7	☐			72.22		P	33.3
8	☐			244.45		P	9.8

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			4.44		P	114.6
3	☐			5.56		P	91.6
4	☐			8.89		P	43.3
5	☐			12.22		P	68.7
6	☐			23.33		P	86.9
7	☐			33.34		P	45.8
8	☐			112.23		P	7.5

160 Gd [No Gas] Noavailable calibration poin_

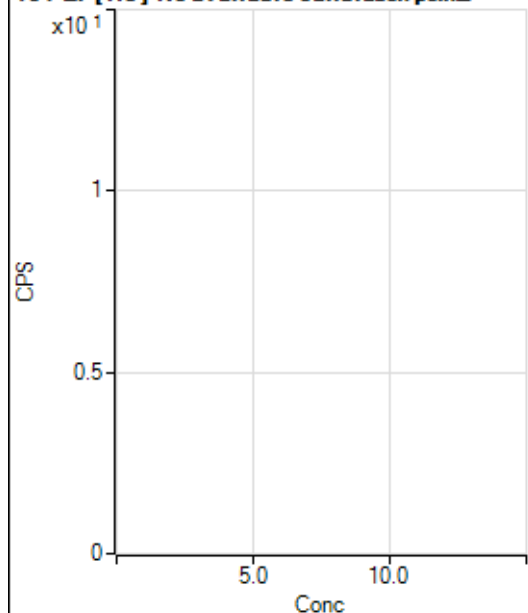
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			30.56		P	56.8
2	☐			41.67		P	34.6
3	☐			55.56		P	67.6
4	☐			58.33		P	14.3
5	☐			58.33		P	14.3
6	☐			66.67		P	12.5
7	☐			116.67		P	12.4
8	☐			202.79		P	17.1

160 Gd [He] No available calibration points

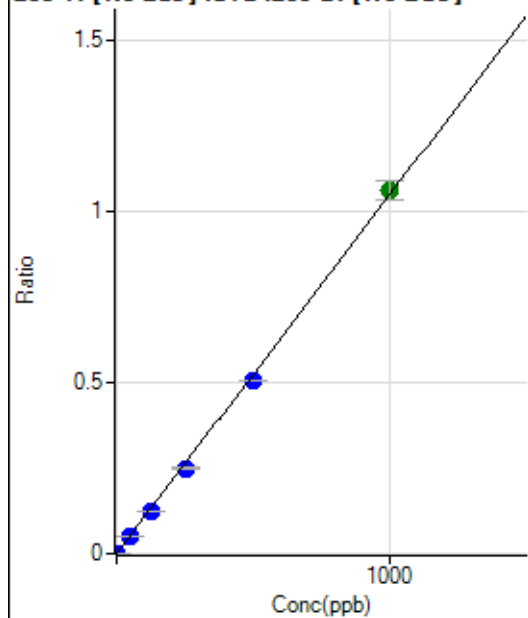
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14.45		P	74.2
2	☐			10.00		P	33.3
3	☐			5.55		P	69.3
4	☐			14.44		P	35.3
5	☐			17.78		P	21.7
6	☐			25.56		P	39.8
7	☐			34.45		P	31.1
8	☐			102.22		P	16.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			30.56		P	56.8
2	☐			22.22		P	43.3
3	☐			27.78		P	17.3
4	☐			22.22		P	78.1
5	☐			33.33		P	25.0
6	☐			38.89		P	61.9
7	☐			38.89		P	75.3
8	☐			41.67		P	34.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	0.0
2	☐			5.56		P	91.6
3	☐			3.33		P	100.1
4	☐			8.89		P	114.5
5	☐			13.33		P	25.0
6	☐			6.67		P	50.0
7	☐			18.89		P	44.4
8	☐			15.55		P	68.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.56	0.0000	P	31.0
2	☐	1.000	0.827	1702.94	0.0009	P	14.9
3	☐	50.000	48.452	97372.30	0.0508	P	0.7
4	☐	125.000	118.727	244337.40	0.1246	P	1.4
5	☐	250.000	238.072	486009.54	0.2498	P	1.0
6	☐	500.000	484.404	978249.64	0.5082	P	0.3
7	☐	1000.000	1011.641	1927644.51	1.0614	A	5.4
8	☐			1286.22	0.0007	P	8.2

$$y = 0.0010 * x + 1.5785E-005$$

$$R = 0.9997$$

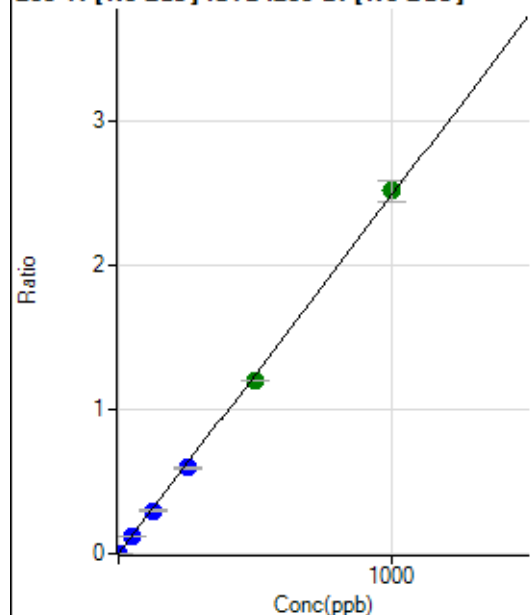
$$DL = 0.01398$$

$$BEC = 0.01505$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41.67	0.0000	P	39.5
2	☐	1.000	0.821	3975.71	0.0021	P	5.9
3	☐	50.000	49.267	234578.62	0.1225	P	0.5
4	☐	125.000	120.389	587097.97	0.2993	P	1.2
5	☐	250.000	238.948	1155844.47	0.5941	P	0.5
6	☐	500.000	481.765	2305420.12	1.1977	A	0.1
7	☐	1000.000	1012.494	4571226.66	2.5171	A	5.6
8	☐			3111.58	0.0017	P	7.8

$$y = 0.0025 * x + 2.1517E-005$$

$$R = 0.9997$$

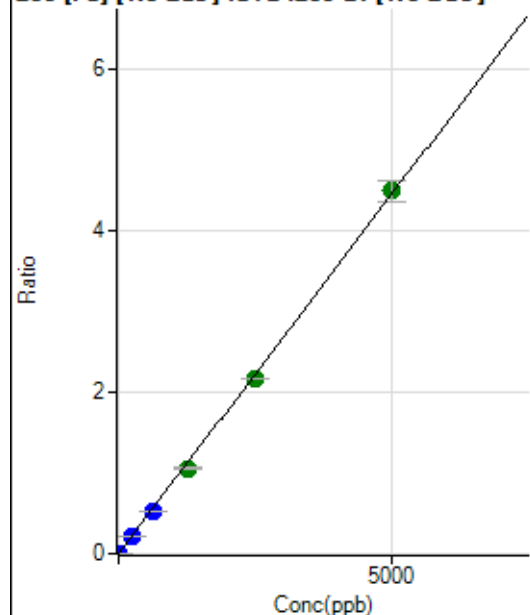
$$DL = 0.01026$$

$$BEC = 0.008655$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	192.60	0.0001	P	21.1
2	☐	1.000	0.753	1483.45	0.0008	P	6.6
3	☐	250.000	244.152	416422.47	0.2175	P	0.7
4	☐	625.000	591.978	1034024.27	0.5272	P	0.9
5	☐	1250.000	1186.165	2055042.57	1.0562	A	1.1
6	☐	2500.000	2439.058	4180212.10	2.1717	A	0.3
7	☐	5000.000	5050.850	8165315.40	4.4971	A	6.1
8	☐			8749.41	0.0048	P	2.7

$$y = 8.9034E-004 * x + 9.9516E-005$$

$$R = 0.9998$$

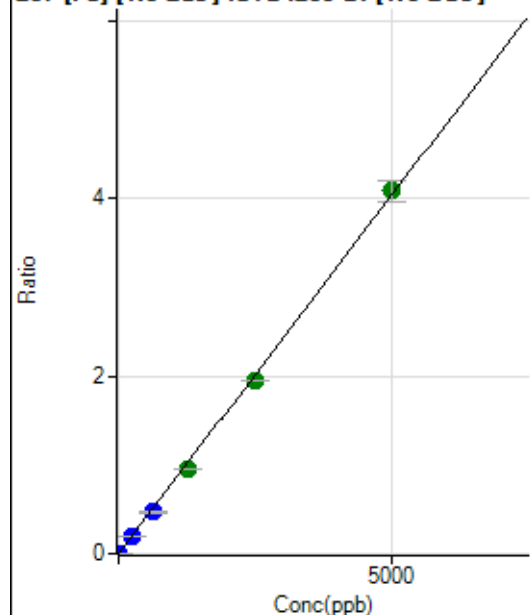
$$DL = 0.07089$$

$$BEC = 0.1118$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	162.97	0.0001	P	19.2
2	☐	1.000	0.778	1370.47	0.0007	P	6.6
3	☐	250.000	240.980	372009.68	0.1943	P	0.4
4	☐	625.000	580.789	918133.66	0.4681	P	1.4
5	☐	1250.000	1183.378	1855579.37	0.9537	A	1.2
6	☐	2500.000	2419.813	3753653.93	1.9501	A	0.4
7	☐	5000.000	5062.726	7407881.59	4.0799	A	6.1
8	☐			8060.06	0.0044	P	7.0

$$y = 8.0585E-004 * x + 8.4318E-005$$

$$R = 0.9997$$

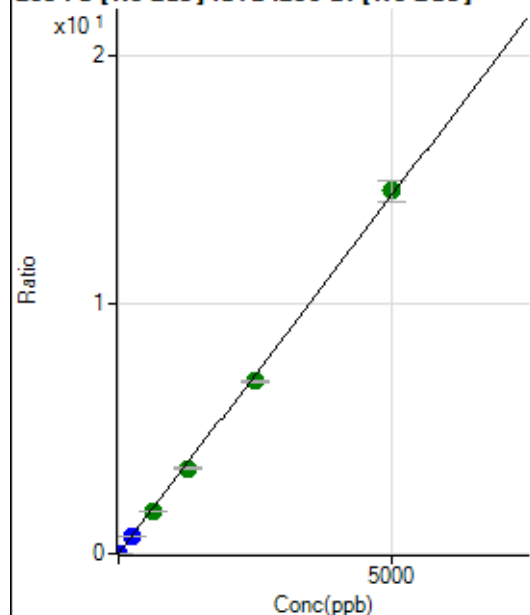
$$DL = 0.06017$$

$$BEC = 0.1046$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	658.91	0.0003	P	12.3
2	☐	1.000	0.777	4958.03	0.0026	P	3.2
3	☐	250.000	242.371	1334382.79	0.6969	P	0.4
4	☐	625.000	594.824	3353613.09	1.7098	A	1.3
5	☐	1250.000	1193.777	6675699.12	3.4310	A	0.3
6	☐	2500.000	2403.589	13296720.34	6.9078	A	0.6
7	☐	5000.000	5066.415	26436106.62	14.5603	A	6.2
8	☐			29001.74	0.0158	P	1.6

$$y = 0.0029 * x + 3.4057E-004$$

$$R = 0.9997$$

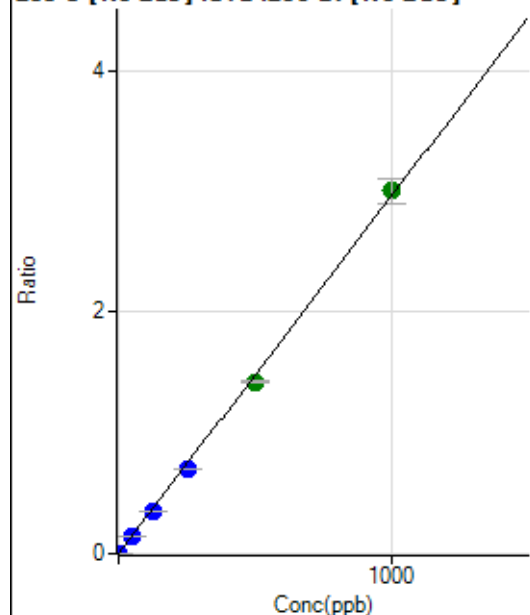
$$DL = 0.04387$$

$$BEC = 0.1185$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0000	P	132.0
2	☐	1.000	0.881	5048.34	0.0026	P	0.1
3	☐	50.000	48.225	273727.78	0.1430	P	0.9
4	☐	125.000	118.098	686620.94	0.3501	P	0.7
5	☐	250.000	235.992	1361018.41	0.6995	P	0.7
6	☐	500.000	480.502	2741547.54	1.4243	A	0.5
7	☐	1000.000	1014.203	5457614.66	3.0062	A	6.7
8	☐			727.82	0.0004	P	1.0

$$y = 0.0030 * x + 8.5858E-006$$

$$R = 0.9996$$

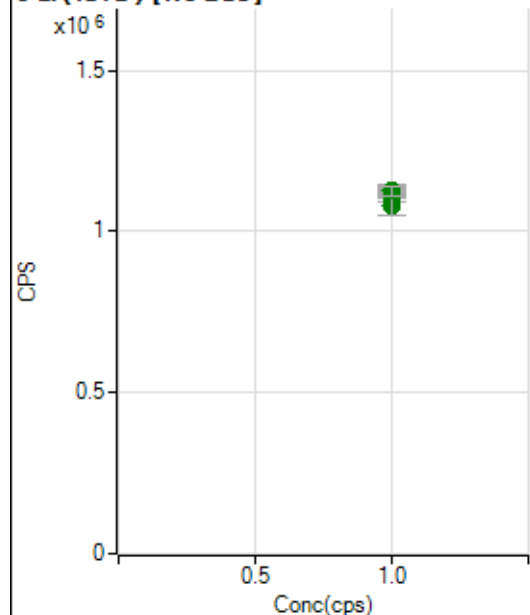
$$DL = 0.01147$$

$$BEC = 0.002897$$

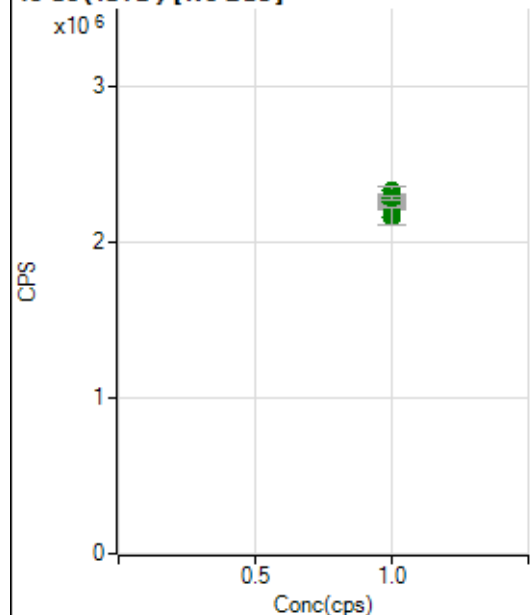
Weight: <None>

Min Conc: 0

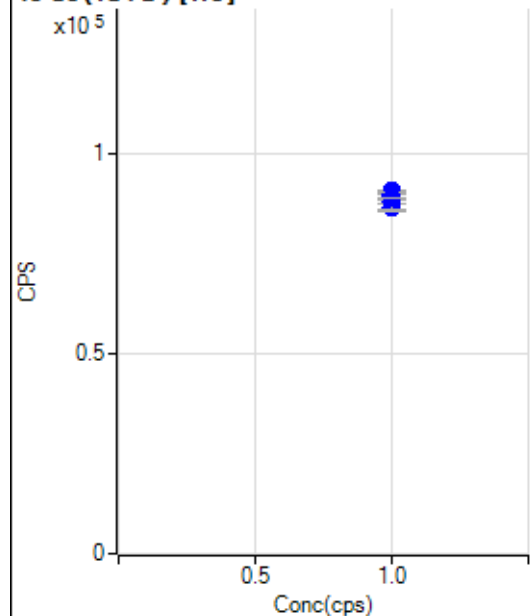
6 Li (ISTD) [No Gas]



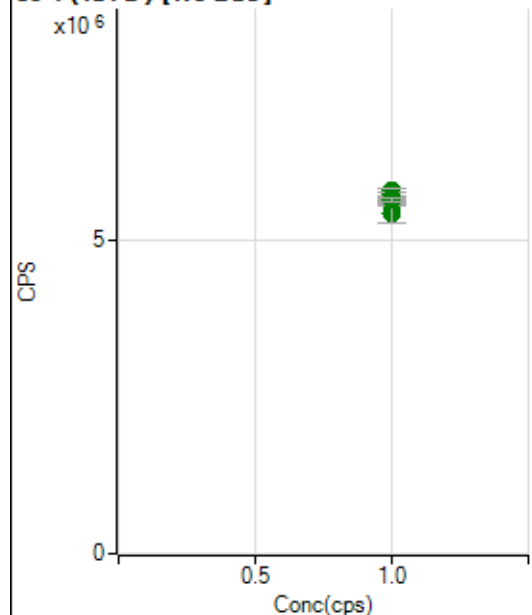
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1122483.79		A	1.4
2	☐	1.000		1124004.22		A	0.1
3	☐	1.000		1120201.14		A	2.0
4	☐	1.000		1123198.74		A	3.6
5	☐	1.000		1123105.43		A	1.1
6	☐	1.000		1107375.64		A	2.5
7	☐	1.000		1078944.11		A	5.4
8	☐	1.000		1126205.47		A	2.8

45 Sc (ISTD) [No Gas]

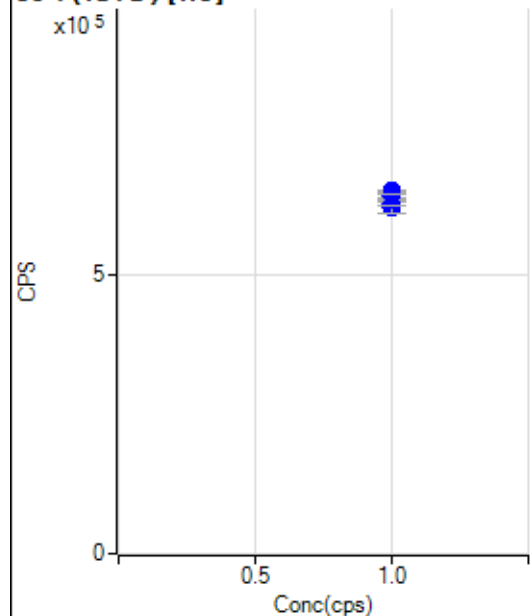
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2226917.07		A	1.3
2	☐	1.000		2242018.73		A	1.2
3	☐	1.000		2267028.70		A	0.3
4	☐	1.000		2297614.65		A	0.7
5	☐	1.000		2332104.75		A	2.0
6	☐	1.000		2255899.48		A	1.6
7	☐	1.000		2168218.80		A	5.5
8	☐	1.000		2290157.22		A	1.0

45 Sc (ISTD) [He]

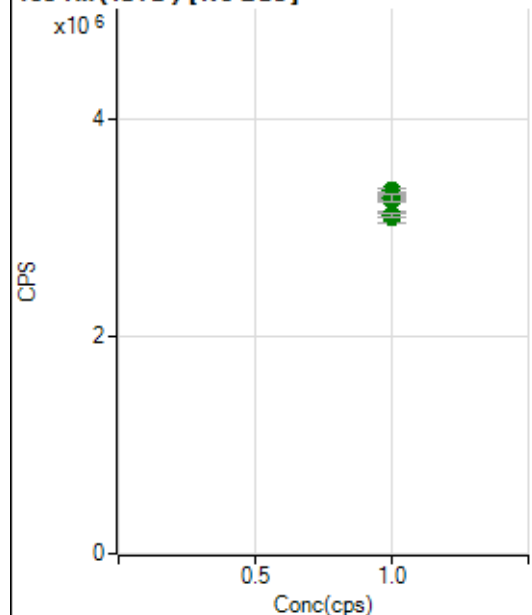
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		88188.58		P	1.4
2	☐	1.000		88904.82		P	0.5
3	☐	1.000		86767.06		P	1.9
4	☐	1.000		88032.44		P	4.5
5	☐	1.000		90874.79		P	0.5
6	☐	1.000		89371.31		P	1.3
7	☐	1.000		89884.48		P	1.3
8	☐	1.000		89014.35		P	0.3

89 Y (ISTD) [No Gas]

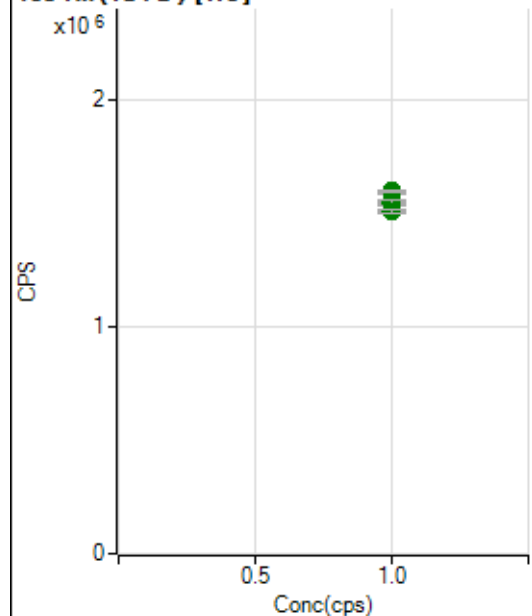
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5661626.23		A	0.3
2	☐	1.000		5585250.96		A	1.3
3	☐	1.000		5660954.50		A	0.9
4	☐	1.000		5737394.29		A	1.3
5	☐	1.000		5787793.46		A	1.1
6	☐	1.000		5681653.73		A	1.2
7	☐	1.000		5436949.68		A	5.4
8	☐	1.000		5647504.36		A	0.8

89 Y (ISTD) [He]

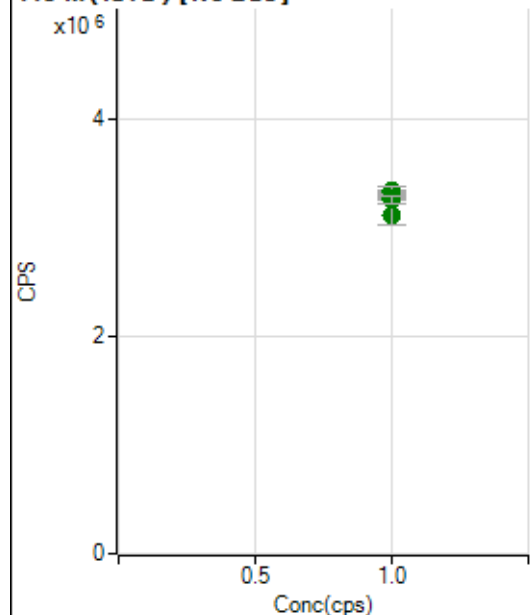
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		630694.34		P	1.2
2	☐	1.000		635574.74		P	0.7
3	☐	1.000		622710.97		P	3.1
4	☐	1.000		637732.35		P	3.8
5	☐	1.000		652769.84		P	0.4
6	☐	1.000		643216.76		P	0.7
7	☐	1.000		643771.78		P	1.7
8	☐	1.000		646943.05		P	0.3

103 Rh (ISTD) [No Gas]

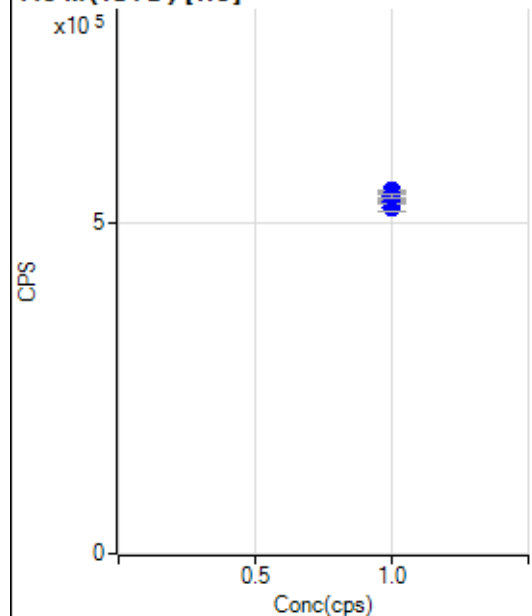
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3278400.03		A	1.2
2	☐	1.000		3263890.44		A	1.3
3	☐	1.000		3254535.21		A	0.1
4	☐	1.000		3331926.90		A	1.1
5	☐	1.000		3307302.70		A	0.8
6	☐	1.000		3266212.62		A	1.9
7	☐	1.000		3092003.78		A	3.7
8	☐	1.000		3102766.78		A	1.2

103 Rh (ISTD) [He]

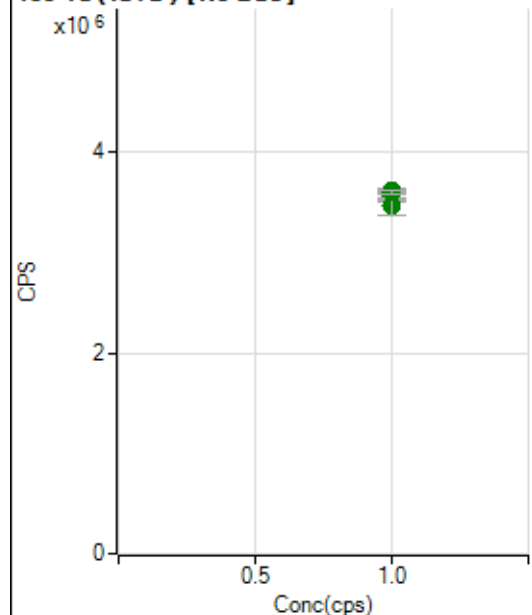
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1546418.81		A	1.0
2	☐	1.000		1554491.09		A	0.2
3	☐	1.000		1527818.87		A	3.0
4	☐	1.000		1554290.10		A	3.5
5	☐	1.000		1595693.10		A	0.7
6	☐	1.000		1547948.61		A	1.4
7	☐	1.000		1535995.50		A	2.9
8	☐	1.000		1508714.13		A	1.0

115 In (ISTD) [No Gas]

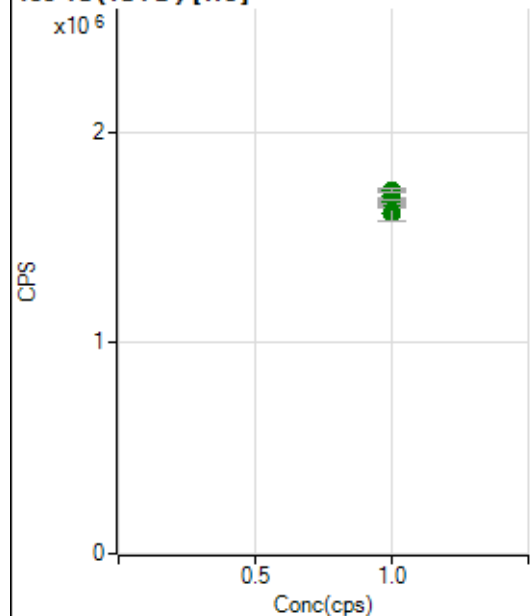
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3276090.77		A	0.6
2	☐	1.000		3304267.47		A	1.0
3	☐	1.000		3319555.60		A	1.3
4	☐	1.000		3323045.47		A	0.9
5	☐	1.000		3336161.13		A	2.4
6	☐	1.000		3264393.82		A	1.0
7	☐	1.000		3119960.37		A	6.0
8	☐	1.000		3248446.15		A	2.3

115 In (ISTD) [He]

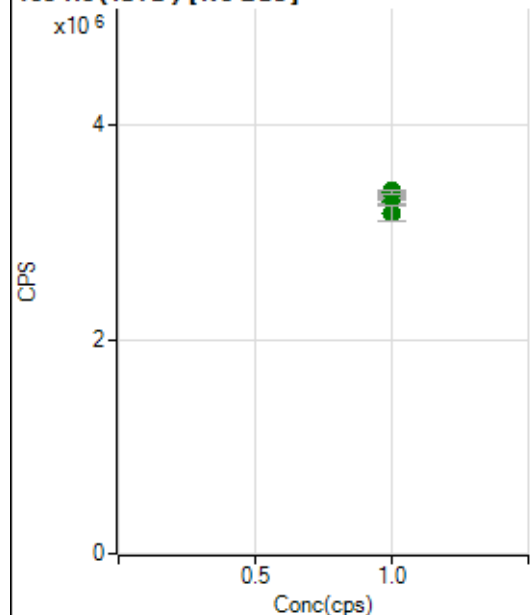
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		532392.34		P	0.8
2	☐	1.000		533494.07		P	0.4
3	☐	1.000		522423.51		P	2.9
4	☐	1.000		535807.08		P	3.3
5	☐	1.000		547244.58		P	0.4
6	☐	1.000		532817.87		P	0.6
7	☐	1.000		530732.74		P	1.5
8	☐	1.000		539072.43		P	0.7

159 Tb (ISTD) [No Gas]

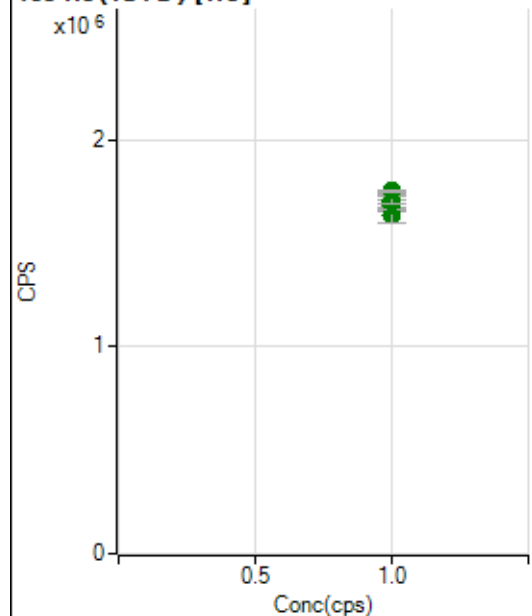
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3565867.31		A	1.4
2	☐	1.000		3525264.77		A	0.8
3	☐	1.000		3521581.20		A	0.9
4	☐	1.000		3614155.26		A	1.2
5	☐	1.000		3610701.51		A	1.3
6	☐	1.000		3556354.67		A	1.8
7	☐	1.000		3457827.80		A	5.1
8	☐	1.000		3599691.86		A	1.1

159 Tb (ISTD) [He]

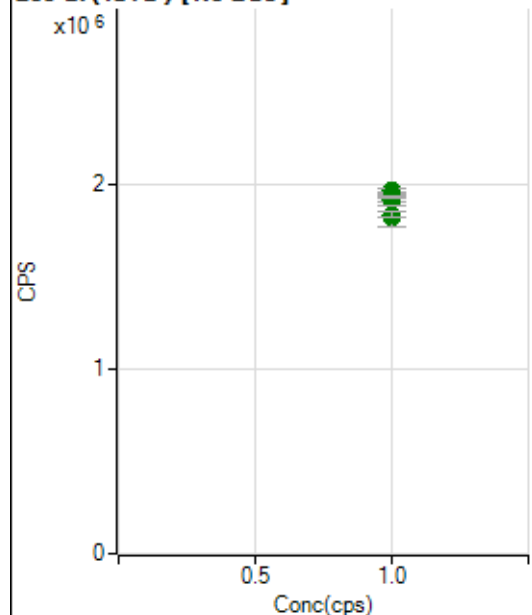
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1646739.61		A	0.7
2	☐	1.000		1672179.61		A	0.3
3	☐	1.000		1617278.81		A	4.4
4	☐	1.000		1665621.19		A	3.1
5	☐	1.000		1717231.50		A	0.4
6	☐	1.000		1668928.51		A	0.9
7	☐	1.000		1700281.10		A	2.4
8	☐	1.000		1721730.41		A	1.2

165 Ho (ISTD) [No Gas]

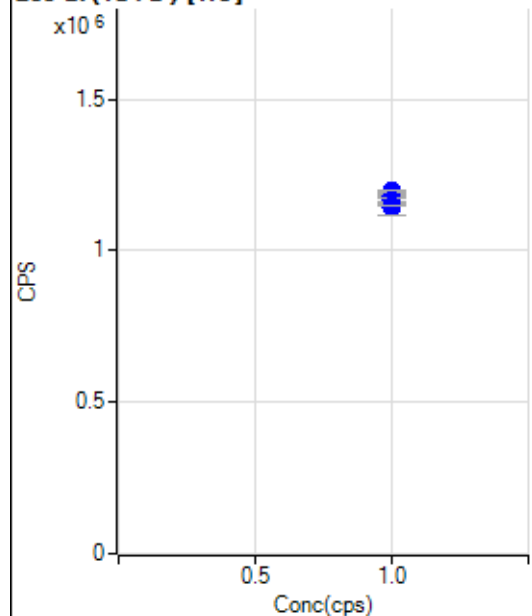
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3353440.87		A	0.2
2	☐	1.000		3280064.98		A	1.0
3	☐	1.000		3320177.96		A	0.3
4	☐	1.000		3384418.57		A	0.3
5	☐	1.000		3378449.79		A	0.6
6	☐	1.000		3363768.76		A	2.1
7	☐	1.000		3180411.36		A	4.7
8	☐	1.000		3368368.61		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1663818.69		A	1.2
2	☐	1.000		1682386.02		A	1.2
3	☐	1.000		1631141.26		A	3.8
4	☐	1.000		1684157.80		A	2.8
5	☐	1.000		1748285.72		A	0.9
6	☐	1.000		1700102.48		A	0.7
7	☐	1.000		1704751.83		A	2.3
8	☐	1.000		1751286.82		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1933900.94		A	0.5
2	☐	1.000		1927126.71		A	0.6
3	☐	1.000		1914862.70		A	0.9
4	☐	1.000		1961521.60		A	1.0
5	☐	1.000		1945675.30		A	0.3
6	☐	1.000		1924862.18		A	0.4
7	☐	1.000		1820298.85		A	6.2
8	☐	1.000		1834548.36		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1176217.74		P	0.5
2	☐	1.000		1180517.90		P	0.6
3	☐	1.000		1141138.28		P	3.8
4	☐	1.000		1173627.49		P	4.4
5	☐	1.000		1197231.34		P	0.5
6	☐	1.000		1168070.38		P	1.1
7	☐	1.000		1165807.60		P	1.8
8	☐	1.000		1147918.59		P	0.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8110220MS.b
Acq. Date-Time 2020-11-02 15:33:25
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		1939	19389.62			0.992	5.000
24		23394	233943.45			0.756	5.000
25		3117	31167.42			0.390	5.000
26		3535	35352.06			0.621	5.000
59		12293	122934.83			0.716	5.000
113		1820	18204.43			1.223	5.000
115		5637	56367.77			0.897	5.000
206		1944	19436.96			1.295	5.000
207		1609	16092.86			1.142	5.000
208		3984	39842.37			1.058	5.000
220		1	10.70			25.509	

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

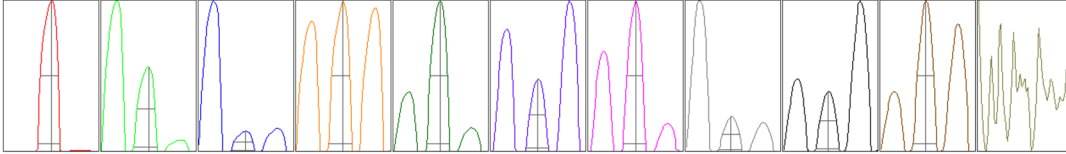
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	1907	1951	1956	1945	1936
24	23255	23182	23399	23576	23560
25	3115	3100	3113	3121	3134
26	3497	3546	3542	3552	3539
59	12210	12220	12291	12319	12428
113	1784	1824	1817	1834	1842
115	5702	5662	5639	5567	5615
206	1908	1934	1959	1943	1974
207	1585	1599	1620	1609	1633
208	3911	3993	4002	3996	4019

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3648.36	9.05	8.90 - 9.10	
24	43033.76	24.05	23.90 - 24.10	
25	5686.50	25.00	24.90 - 25.10	
26	6597.42	26.00	25.90 - 26.10	
59	23689.54	59.00	58.90 - 59.10	
113	3775.98	113.00	112.90 - 113.10	
115	11852.72	115.05	114.90 - 115.10	
206	3828.55	205.95	205.90 - 206.10	
207	3177.80	206.95	206.90 - 207.10	
208	8023.37	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.56	0.690	0.900	
24	0.56	0.740	0.900	
25	0.59	0.737	0.900	
26	0.57	0.739	0.900	
59	0.55	0.724	0.900	
113	0.50	0.686	0.900	
115	0.49	0.716	0.900	
206	0.53	0.728	0.900	
207	0.52	0.735	0.900	
208	0.52	0.752	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 0.46 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	10.6 V	Deflect	14.4 V
Extract 2	-245.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-115 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	180 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.7 mm	Torch V	-0.2 mm
---------	--------	---------	---------

EM

Discriminator	3.9 mV	Analog HV	2180 V	Pulse HV	1320 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		2859	28587.39			0.742	
89		6334	63344.39			0.890	
205		5351	53506.42			1.278	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	2894	2840	2862	2849	2849
89	6420	6285	6315	6291	6361
205	5404	5329	5291	5289	5440

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.51 L/min	Dilution Gas	0.46 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	10.6 V	Deflect	4.8 V
-----------	--------	------------	--------	---------	-------

US EPA Tune Check Report

Extract 2	-245.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-115 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.7 mm	Torch V	-0.2 mm		
EM					
Discriminator	3.9 mV	Analog HV	2180 V	Pulse HV	1320 V

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:10:38	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	-0.09	-0.11	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.03	0.03	0.00	N/A	ppb
Barium	135-1	0.00	0.03	-0.03	0.00	N/A	ppb
Barium	137-1	0.05	-0.02	-0.03	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.27	-0.01	-0.26	0.00	N/A	ppb
Boron	11-1	-0.12	0.18	-0.06	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.16	0.15	0.00	N/A	ppb
Cadmium	106-1	0.17	-2.04	1.86	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.02	0.03	0.00	N/A	ppb
Calcium	43-1	3.57	-0.06	-3.50	0.00	N/A	ppb
Calcium	44-1	-0.72	2.72	-2.01	0.00	N/A	ppb
Chromium	52-2	-0.01	0.00	0.01	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.02	0.00	-0.03	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	1.25	0.48	-1.73	0.00	N/A	ppb
Iron	56-2	0.07	-0.10	0.03	0.00	N/A	ppb
Iron	57-2	-0.63	-0.17	0.79	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	0.01	0.01	-0.02	0.00	N/A	ppb
Lead	208-1	-0.02	0.00	0.01	0.00	N/A	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:10:38	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-0.17	-0.25	0.42	0.00	N/A	ppb
Manganese	55-2	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.02	0.00	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.02	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.02	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	0.02	-0.05	0.03	0.00	N/A	ppb
Phosphorus	31-2	-17.95	33.60	-21.98	-2.11		ppb
Potassium	39-2	8.05	-5.11	-2.94	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.73	-0.64	-0.09	0.00	N/A	ppb
Selenium	77-2	0.02	0.01	-0.03	0.00	N/A	ppb
Selenium	78-2	1.69	-0.87	-0.82	0.00	N/A	ppb
Silicon	28-1	3.66	2.31	-5.97	0.00	N/A	ppb
Silver	109-1	0.01	-0.01	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	7.49	-9.12	1.63	0.00	N/A	ppb
Strontium	86-1	-0.04	0.05	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-291.71	630.67	-628.42	-96.49		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	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	0.00	-0.02	0.00	N/A	ppb
Titanium	47-1	-0.02	0.23	-0.21	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:10:38	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	-0.09	-0.12	0.21	0.00	N/A	ppb
Zirconium	90-1	0.02	-0.02	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.04	0.03	0.00	N/A	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:13:49	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.24	19.80	16.68	18.57	8.94	ppb
Antimony	121-1	1.75	1.72	1.91	1.79	5.84	ppb
Arsenic	75-2	1.08	0.83	0.81	0.90	16.73	ppb
Barium	135-1	8.82	8.89	8.88	8.86	0.44	ppb
Barium	137-1	9.19	9.20	8.89	9.09	1.95	ppb
Beryllium	9-1	0.89	0.97	0.82	0.89	8.74	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	18.13	20.38	22.99	20.50	11.87	ppb
Boron	11-1	17.58	19.86	21.88	19.78	10.87	ppb
Bromine	81-1						cps
Cadmium	111-1	1.12	1.23	1.09	1.15	6.24	ppb
Cadmium	106-1	0.97	0.64	-1.41	0.06	1984.16	ppb
Cadmium	108-1	1.70	1.46	0.62	1.26	44.77	ppb
Calcium	43-1	449.27	433.03	453.71	445.33	2.44	ppb
Calcium	44-1	457.91	454.41	458.69	457.00	0.50	ppb
Chromium	52-2	1.83	1.71	1.61	1.72	6.51	ppb
Cobalt	59-2	0.91	0.95	0.92	0.93	2.40	ppb
Copper	63-2	1.89	2.10	2.04	2.01	5.30	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				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	46.09	52.02	47.40	48.50	6.43	ppb
Iron	56-2	45.89	47.85	47.38	47.04	2.17	ppb
Iron	57-2	48.43	47.59	46.80	47.61	1.71	ppb
Krypton	83-1						cps
Lead	206-1	0.81	0.69	0.76	0.75	7.58	ppb
Lead	207-1	0.76	0.84	0.73	0.78	7.53	ppb
Lead	208-1	0.78	0.75	0.80	0.78	3.69	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:13:49	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	466.58	473.60	465.87	468.68	0.91	ppb
Manganese	55-2	1.03	1.02	0.92	0.99	6.41	ppb
Molybdenum	94-1	4.19	4.33	4.50	4.34	3.53	ppb
Molybdenum	95-1	4.74	4.19	4.36	4.43	6.41	ppb
Molybdenum	96-1	4.56	4.56	4.36	4.49	2.57	ppb
Molybdenum	97-1	4.11	4.02	4.13	4.09	1.39	ppb
Molybdenum	98-1	4.46	4.58	4.54	4.53	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.88	0.71	0.79	10.45	ppb
Phosphorus	31-2	16.39	-9.87	-0.19	2.11	629.55	ppb
Potassium	39-2	468.41	439.84	446.02	451.42	3.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	4.32	4.33	3.39	4.01	13.50	ppb
Selenium	77-2	5.94	5.91	1.93	4.59	50.22	ppb
Selenium	78-2	5.55	5.86	6.63	6.01	9.23	ppb
Silicon	28-1	10.91	-0.57	15.24	8.53	95.80	ppb
Silver	109-1	0.90	0.87	0.88	0.88	1.86	ppb
Silver	107-1	0.79	0.90	0.84	0.84	6.01	ppb
Sodium	23-2	477.20	477.29	475.91	476.80	0.16	ppb
Strontium	86-1	0.86	0.74	0.84	0.81	7.59	ppb
Strontium	88-1	0.90	0.87	0.88	0.88	1.80	ppb
Sulfur	34-1	265.34	-597.38	621.50	96.49	649.56	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.86	0.69	0.94	0.83	15.14	ppb
Thallium	205-1	0.85	0.85	0.76	0.82	5.99	ppb
Tin	118-1	4.45	4.44	4.57	4.49	1.61	ppb
Titanium	47-1	4.73	4.20	3.95	4.29	9.23	ppb
Uranium	238-1	0.88	0.88	0.88	0.88	0.08	ppb
Vanadium	51-2	4.28	4.72	4.52	4.51	4.90	ppb
Yttrium	89-1				99		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:13:49	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	2.11	2.05	1.85	2.00	6.81	ppb
Zirconium	90-1	0.83	0.84	0.86	0.84	2.39	ppb
Zirconium	91-1	0.91	0.74	0.91	0.85	11.35	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:16:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1055.04	1068.91	1074.58	1066.18	0.94	ppb
Antimony	121-1	49.66	50.84	49.19	49.90	1.71	ppb
Arsenic	75-2	51.40	53.41	52.26	52.36	1.92	ppb
Barium	135-1	250.37	254.40	244.54	249.77	1.98	ppb
Barium	137-1	248.32	250.31	247.29	248.64	0.62	ppb
Beryllium	9-1	49.62	48.09	49.99	49.23	2.05	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	42.94	47.43	54.94	48.44	12.52	ppb
Boron	11-1	44.13	46.63	51.98	47.58	8.43	ppb
Bromine	81-1						cps
Cadmium	111-1	50.30	50.02	48.38	49.57	2.10	ppb
Cadmium	106-1	48.71	47.21	50.35	48.76	3.22	ppb
Cadmium	108-1	48.64	47.03	53.42	49.70	6.69	ppb
Calcium	43-1	5129.90	5115.60	5098.22	5114.57	0.31	ppb
Calcium	44-1	5182.66	5271.55	5194.12	5216.11	0.93	ppb
Chromium	52-2	51.95	53.64	51.42	52.34	2.22	ppb
Cobalt	59-2	52.48	54.80	52.70	53.33	2.41	ppb
Copper	63-2	530.94	552.29	537.11	540.11	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	2699.35	2838.81	2786.06	2774.74	2.54	ppb
Iron	56-2	2727.90	2891.04	2767.08	2795.34	3.05	ppb
Iron	57-2	2755.27	2825.77	2747.98	2776.34	1.55	ppb
Krypton	83-1						cps
Lead	206-1	244.32	242.38	245.75	244.15	0.69	ppb
Lead	207-1	241.08	240.03	241.84	240.98	0.38	ppb
Lead	208-1	242.48	241.43	243.21	242.37	0.37	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:16:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	5571.25	5758.16	5635.82	5655.08	1.68	ppb
Manganese	55-2	506.76	540.44	527.64	524.95	3.24	ppb
Molybdenum	94-1	244.85	244.62	249.47	246.31	1.11	ppb
Molybdenum	95-1	245.05	245.40	250.38	246.95	1.21	ppb
Molybdenum	96-1	246.62	246.64	249.42	247.56	0.65	ppb
Molybdenum	97-1	240.84	238.01	244.67	241.17	1.39	ppb
Molybdenum	98-1	245.96	240.56	246.88	244.47	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.35	55.64	54.35	54.11	3.06	ppb
Phosphorus	31-2	1115.22	1163.03	1147.08	1141.78	2.13	ppb
Potassium	39-2	2752.19	2843.24	2752.24	2782.56	1.89	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	49.15	48.65	49.23	49.01	0.64	ppb
Selenium	77-2	56.83	45.95	37.90	46.89	20.25	ppb
Selenium	78-2	48.06	58.91	52.64	53.20	10.23	ppb
Silicon	28-1	45.40	42.51	40.48	42.80	5.78	ppb
Silver	109-1	51.45	50.58	49.87	50.63	1.56	ppb
Silver	107-1	49.68	50.34	49.63	49.88	0.80	ppb
Sodium	23-2	5440.45	5743.19	5508.57	5564.07	2.85	ppb
Strontium	86-1	48.16	48.27	48.01	48.15	0.26	ppb
Strontium	88-1	49.15	49.38	49.50	49.34	0.36	ppb
Sulfur	34-1	165.50	477.37	156.85	266.57	68.50	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	48.39	48.80	48.17	48.45	0.66	ppb
Thallium	205-1	49.51	49.29	49.01	49.27	0.51	ppb
Tin	118-1	49.93	50.51	49.50	49.98	1.02	ppb
Titanium	47-1	242.59	243.06	245.16	243.60	0.56	ppb
Uranium	238-1	48.70	47.84	48.13	48.22	0.91	ppb
Vanadium	51-2	50.28	53.00	51.51	51.60	2.64	ppb
Yttrium	89-1				100		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:16:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	529.58	548.20	537.77	538.52	1.73	ppb
Zirconium	90-1	50.39	49.31	50.85	50.18	1.57	ppb
Zirconium	91-1	48.72	48.55	46.91	48.06	2.07	ppb

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 16:20:09 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2593.81	2548.89	2829.69	2657.46	5.68	ppb
Antimony	121-1	122.65	120.09	121.61	121.45	1.06	ppb
Arsenic	75-2	122.49	123.94	132.87	126.44	4.45	ppb
Barium	135-1	621.93	616.47	610.05	616.15	0.97	ppb
Barium	137-1	616.82	603.63	608.15	609.53	1.10	ppb
Beryllium	9-1	127.73	118.95	125.59	124.09	3.69	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	108.03	116.19	132.58	118.93	10.51	ppb
Boron	11-1	111.07	114.98	131.62	119.22	9.16	ppb
Bromine	81-1						cps
Cadmium	111-1	122.12	120.56	119.78	120.82	0.98	ppb
Cadmium	106-1	117.27	123.66	112.23	117.72	4.87	ppb
Cadmium	108-1	123.47	120.94	125.10	123.17	1.70	ppb
Calcium	43-1	12719.31	12427.33	12490.65	12545.76	1.22	ppb
Calcium	44-1	12796.46	12549.64	12526.70	12624.27	1.18	ppb
Chromium	52-2	125.81	124.75	137.61	129.39	5.52	ppb
Cobalt	59-2	127.53	125.29	137.28	130.03	4.90	ppb
Copper	63-2	1299.97	1269.29	1381.35	1316.87	4.40	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				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	6745.94	6665.96	7249.12	6887.00	4.59	ppb
Iron	56-2	6597.95	6521.18	7196.98	6772.04	5.46	ppb
Iron	57-2	6555.13	6515.52	7088.61	6719.75	4.76	ppb
Krypton	83-1						cps
Lead	206-1	594.22	595.63	586.09	591.98	0.87	ppb
Lead	207-1	589.69	573.75	578.93	580.79	1.40	ppb
Lead	208-1	599.43	599.15	585.88	594.82	1.30	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:20:09	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	13554.44	13243.41	14709.20	13835.68	5.58	ppb
Manganese	55-2	1261.96	1239.98	1378.83	1293.59	5.77	ppb
Molybdenum	94-1	616.30	600.54	604.30	607.05	1.36	ppb
Molybdenum	95-1	616.07	601.44	609.99	609.17	1.21	ppb
Molybdenum	96-1	616.81	610.92	601.43	609.72	1.27	ppb
Molybdenum	97-1	611.34	600.03	599.71	603.69	1.10	ppb
Molybdenum	98-1	620.63	602.80	608.20	610.54	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.14	126.08	136.39	130.20	4.19	ppb
Phosphorus	31-2	2546.90	2559.87	3052.12	2719.63	10.59	ppb
Potassium	39-2	6649.30	6549.55	7324.60	6841.15	6.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	124.58	120.62	119.06	121.42	2.35	ppb
Selenium	77-2	146.32	69.00	104.80	106.71	36.26	ppb
Selenium	78-2	122.17	130.03	129.43	127.21	3.44	ppb
Silicon	28-1	103.49	117.16	123.23	114.63	8.82	ppb
Silver	109-1	124.91	122.04	124.26	123.73	1.21	ppb
Silver	107-1	123.98	119.57	120.63	121.39	1.90	ppb
Sodium	23-2	13228.16	12848.82	14371.97	13482.99	5.88	ppb
Strontium	86-1	118.98	117.94	120.00	118.98	0.86	ppb
Strontium	88-1	122.88	120.98	120.11	121.32	1.17	ppb
Sulfur	34-1	1347.72	602.04	1015.13	988.30	37.80	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	120.50	117.23	118.46	118.73	1.39	ppb
Thallium	205-1	121.11	121.38	118.68	120.39	1.23	ppb
Tin	118-1	123.00	119.05	120.48	120.84	1.66	ppb
Titanium	47-1	601.95	600.53	597.90	600.13	0.34	ppb
Uranium	238-1	119.05	117.35	117.89	118.10	0.73	ppb
Vanadium	51-2	125.22	123.34	134.04	127.53	4.48	ppb
Yttrium	89-1				101		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:20:09	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	1286.03	1264.53	1391.79	1314.11	5.18	ppb
Zirconium	90-1	124.51	122.16	122.16	122.94	1.10	ppb
Zirconium	91-1	122.34	117.93	118.23	119.50	2.06	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:23:12	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5101.78	5057.65	5023.77	5061.07	0.77	ppb
Antimony	121-1	243.24	247.45	240.17	243.62	1.50	ppb
Arsenic	75-2	245.93	243.95	241.95	243.94	0.81	ppb
Barium	135-1	1232.02	1242.55	1219.86	1231.48	0.92	ppb
Barium	137-1	1220.60	1231.39	1202.04	1218.01	1.22	ppb
Beryllium	9-1	246.65	243.92	242.91	244.49	0.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	216.11	237.20	260.81	238.04	9.39	ppb
Boron	11-1	214.97	236.45	254.79	235.40	8.47	ppb
Bromine	81-1						cps
Cadmium	111-1	244.93	245.51	238.65	243.03	1.57	ppb
Cadmium	106-1	245.40	238.01	234.00	239.14	2.42	ppb
Cadmium	108-1	233.71	239.40	243.71	238.94	2.10	ppb
Calcium	43-1	24825.12	24887.47	24133.73	24615.44	1.70	ppb
Calcium	44-1	24754.47	24809.97	24359.40	24641.28	1.00	ppb
Chromium	52-2	248.53	243.58	243.80	245.30	1.14	ppb
Cobalt	59-2	252.40	248.11	245.28	248.60	1.44	ppb
Copper	63-2	2561.05	2497.75	2473.31	2510.70	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				101		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	13276.78	13022.99	12985.22	13095.00	1.21	ppb
Iron	56-2	13045.00	12889.88	12614.23	12849.70	1.70	ppb
Iron	57-2	13188.49	12931.91	12948.24	13022.88	1.10	ppb
Krypton	83-1						cps
Lead	206-1	1170.84	1193.27	1194.38	1186.17	1.12	ppb
Lead	207-1	1197.08	1168.32	1184.74	1183.38	1.22	ppb
Lead	208-1	1191.43	1192.09	1197.81	1193.78	0.29	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:23:12	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	26437.46	26260.74	25930.97	26209.73	0.98	ppb
Manganese	55-2	2508.65	2466.28	2435.86	2470.27	1.48	ppb
Molybdenum	94-1	1206.48	1187.62	1196.15	1196.75	0.79	ppb
Molybdenum	95-1	1197.17	1206.08	1191.72	1198.32	0.60	ppb
Molybdenum	96-1	1202.73	1187.51	1183.77	1191.33	0.84	ppb
Molybdenum	97-1	1183.73	1179.56	1181.78	1181.69	0.18	ppb
Molybdenum	98-1	1190.36	1205.06	1176.73	1190.72	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.52	244.47	246.23	247.41	1.48	ppb
Phosphorus	31-2	4819.68	4925.40	4843.76	4862.95	1.14	ppb
Potassium	39-2	13208.76	12889.39	12985.44	13027.87	1.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	238.30	237.96	233.50	236.59	1.13	ppb
Selenium	77-2	249.60	231.03	250.23	243.62	4.48	ppb
Selenium	78-2	249.94	249.42	250.36	249.91	0.19	ppb
Silicon	28-1	227.68	247.28	234.30	236.42	4.22	ppb
Silver	109-1	246.44	251.01	241.62	246.35	1.91	ppb
Silver	107-1	247.26	244.66	244.62	245.51	0.62	ppb
Sodium	23-2	25852.51	25507.20	25523.92	25627.88	0.76	ppb
Strontium	86-1	235.71	237.00	237.45	236.72	0.38	ppb
Strontium	88-1	242.05	236.85	238.26	239.05	1.13	ppb
Sulfur	34-1	3289.29	2831.43	1989.12	2703.28	24.40	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	235.78	240.68	237.75	238.07	1.04	ppb
Thallium	205-1	238.01	238.55	240.29	238.95	0.50	ppb
Tin	118-1	245.70	243.59	239.36	242.88	1.33	ppb
Titanium	47-1	1187.97	1188.38	1160.93	1179.09	1.33	ppb
Uranium	238-1	236.55	234.18	237.24	235.99	0.68	ppb
Vanadium	51-2	246.52	242.72	243.98	244.41	0.79	ppb
Yttrium	89-1				102		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:23:12	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	2538.10	2499.60	2471.47	2503.06	1.34	ppb
Zirconium	90-1	245.78	244.29	243.88	244.65	0.41	ppb
Zirconium	91-1	240.05	233.92	232.00	235.32	1.79	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:26:12	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10388.87	10370.31	10212.62	10323.93	0.94	ppb
Antimony	121-1	484.14	498.80	489.27	490.74	1.52	ppb
Arsenic	75-2	499.81	499.85	497.23	498.97	0.30	ppb
Barium	135-1	2430.63	2482.63	2404.47	2439.25	1.63	ppb
Barium	137-1	2473.09	2509.27	2451.73	2478.03	1.17	ppb
Beryllium	9-1	487.36	505.94	485.82	493.04	2.27	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	430.62	505.96	501.50	479.36	8.82	ppb
Boron	11-1	434.82	503.18	511.42	483.14	8.70	ppb
Bromine	81-1						cps
Cadmium	111-1	488.33	496.92	485.10	490.12	1.25	ppb
Cadmium	106-1	486.55	500.63	484.98	490.72	1.76	ppb
Cadmium	108-1	482.17	505.88	490.46	492.84	2.44	ppb
Calcium	43-1	51080.07	51482.52	50499.65	51020.75	0.97	ppb
Calcium	44-1	51503.39	50226.52	49751.11	50493.67	1.79	ppb
Chromium	52-2	505.04	501.33	495.43	500.60	0.97	ppb
Cobalt	59-2	513.29	508.85	503.18	508.44	1.00	ppb
Copper	63-2	5077.37	5133.86	4981.98	5064.40	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	27011.68	26861.79	26533.56	26802.34	0.91	ppb
Iron	56-2	26450.97	26307.57	26028.03	26262.19	0.82	ppb
Iron	57-2	26483.13	26437.60	26270.33	26397.02	0.42	ppb
Krypton	83-1						cps
Lead	206-1	2432.42	2447.23	2437.52	2439.06	0.31	ppb
Lead	207-1	2419.43	2430.20	2409.81	2419.81	0.42	ppb
Lead	208-1	2388.00	2418.57	2404.20	2403.59	0.64	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:26:12	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	53063.90	52393.12	52611.13	52689.38	0.65	ppb
Manganese	55-2	5076.91	5151.08	4970.00	5066.00	1.80	ppb
Molybdenum	94-1	2442.63	2434.19	2390.19	2422.34	1.16	ppb
Molybdenum	95-1	2457.49	2415.83	2440.39	2437.91	0.86	ppb
Molybdenum	96-1	2413.35	2437.48	2400.25	2417.03	0.78	ppb
Molybdenum	97-1	2445.83	2419.73	2413.75	2426.44	0.70	ppb
Molybdenum	98-1	2387.18	2421.67	2373.68	2394.17	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.78	509.64	503.80	506.74	0.58	ppb
Phosphorus	31-2	10215.81	10181.04	10160.46	10185.77	0.27	ppb
Potassium	39-2	26641.35	25959.27	25947.23	26182.61	1.52	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	483.46	482.34	482.07	482.62	0.15	ppb
Selenium	77-2	479.70	501.75	498.43	493.29	2.41	ppb
Selenium	78-2	501.73	510.19	494.10	502.01	1.60	ppb
Silicon	28-1	465.45	493.40	503.00	487.28	4.00	ppb
Silver	109-1	499.94	503.51	479.05	494.17	2.67	ppb
Silver	107-1	493.29	503.87	489.73	495.63	1.48	ppb
Sodium	23-2	52390.82	52334.85	52051.79	52259.15	0.35	ppb
Strontium	86-1	482.30	483.35	477.38	481.01	0.66	ppb
Strontium	88-1	483.94	487.20	476.95	482.70	1.08	ppb
Sulfur	34-1	9738.24	9266.32	7875.00	8959.85	10.81	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	484.65	485.88	482.69	484.40	0.33	ppb
Thallium	205-1	482.37	481.18	481.75	481.77	0.12	ppb
Tin	118-1	489.21	502.34	491.42	494.32	1.42	ppb
Titanium	47-1	2467.52	2460.97	2423.55	2450.68	0.97	ppb
Uranium	238-1	479.41	478.79	483.30	480.50	0.51	ppb
Vanadium	51-2	506.48	502.32	493.36	500.72	1.34	ppb
Yttrium	89-1				100		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:26:12	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	5081.15	5063.72	4998.57	5047.81	0.86	ppb
Zirconium	90-1	485.34	486.14	482.73	484.73	0.37	ppb
Zirconium	91-1	477.13	479.63	477.02	477.93	0.31	ppb

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 16:29:10 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20771.53	20450.38	20142.88	20454.93	1.54	ppb
Antimony	121-1	1064.15	1002.82	953.05	1006.68	5.53	ppb
Arsenic	75-2	1017.38	992.88	994.94	1001.73	1.36	ppb
Barium	135-1	5258.84	4995.51	4854.03	5036.13	4.08	ppb
Barium	137-1	5299.29	4932.50	4831.17	5020.98	4.91	ppb
Beryllium	9-1	1070.29	987.36	957.38	1005.01	5.82	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Boron	10-1	982.30	1013.50	1046.98	1014.26	3.19	ppb
Boron	11-1	986.42	1005.62	1047.13	1013.05	3.06	ppb
Bromine	81-1						cps
Cadmium	111-1	1053.37	1005.55	962.76	1007.23	4.50	ppb
Cadmium	106-1	1054.25	996.83	973.91	1008.33	4.10	ppb
Cadmium	108-1	1045.10	1019.94	954.73	1006.59	4.63	ppb
Calcium	43-1	113007.27	105972.73	102024.98	107001.66	5.20	ppb
Calcium	44-1	112284.61	105568.71	103003.08	106952.13	4.48	ppb
Chromium	52-2	1013.91	1005.21	981.51	1000.21	1.68	ppb
Cobalt	59-2	1009.22	989.02	987.76	995.33	1.21	ppb
Copper	63-2	10137.15	9935.46	9791.66	9954.76	1.74	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				102		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	54-2	55076.00	53949.86	53381.75	54135.87	1.59	ppb
Iron	56-2	53581.58	52105.33	51528.23	52405.05	2.02	ppb
Iron	57-2	53613.13	52297.49	51643.02	52517.88	1.91	ppb
Krypton	83-1						cps
Lead	206-1	5391.48	4965.83	4795.24	5050.85	6.08	ppb
Lead	207-1	5409.09	4958.60	4820.49	5062.73	6.08	ppb
Lead	208-1	5408.75	4995.84	4794.65	5066.41	6.18	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:29:10	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	104950.52	102212.39	101965.26	103042.73	1.61	ppb
Manganese	55-2	10206.37	9923.67	9773.18	9967.74	2.21	ppb
Molybdenum	94-1	5340.96	4952.36	4870.40	5054.57	4.97	ppb
Molybdenum	95-1	5302.75	4911.48	4924.07	5046.10	4.41	ppb
Molybdenum	96-1	5311.06	5013.05	4850.44	5058.19	4.62	ppb
Molybdenum	97-1	5324.65	4978.56	4867.67	5056.96	4.71	ppb
Molybdenum	98-1	5406.78	4899.61	4903.07	5069.82	5.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1018.17	994.99	976.11	996.42	2.11	ppb
Phosphorus	31-2	20278.62	19653.06	19788.83	19906.84	1.65	ppb
Potassium	39-2	52871.58	52548.87	51258.94	52226.46	1.63	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	82-1	1075.68	983.59	978.37	1012.55	5.41	ppb
Selenium	77-2	1087.54	971.91	962.73	1007.39	6.91	ppb
Selenium	78-2	1012.63	996.12	986.99	998.58	1.30	ppb
Silicon	28-1	1045.37	1005.39	983.51	1011.43	3.10	ppb
Silver	109-1	1046.84	1000.05	964.98	1003.95	4.09	ppb
Silver	107-1	1045.82	1014.81	950.66	1003.76	4.83	ppb
Sodium	23-2	105662.05	104291.55	102487.40	104147.00	1.53	ppb
Strontium	86-1	1076.82	985.98	978.18	1013.66	5.41	ppb
Strontium	88-1	1077.36	987.68	970.60	1011.88	5.67	ppb
Sulfur	34-1	25102.29	20764.42	18092.96	21319.89	16.59	ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	1073.59	992.33	969.00	1011.64	5.43	ppb
Thallium	205-1	1077.01	991.21	969.27	1012.49	5.62	ppb
Tin	118-1	1045.77	1009.20	960.45	1005.14	4.26	ppb
Titanium	47-1	5272.56	5001.99	4862.91	5045.82	4.13	ppb
Uranium	238-1	1080.96	1016.19	945.45	1014.20	6.68	ppb
Vanadium	51-2	1016.40	1002.62	982.91	1000.64	1.68	ppb
Yttrium	89-1				96		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:29:10	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	10121.36	9972.03	9802.78	9965.39	1.60	ppb
Zirconium	90-1	1066.54	989.20	971.92	1009.22	4.99	ppb
Zirconium	91-1	1070.76	991.43	984.29	1015.49	4.73	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:32:11	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102007.79	98488.65	99110.47	99868.97	1.88	ppb
Antimony	121-1	0.81	0.91	0.99	0.90	10.18	ppb
Arsenic	75-2	0.37	0.37	0.43	0.39	9.15	ppb
Barium	135-1	8.73	8.78	8.91	8.81	1.05	ppb
Barium	137-1	8.87	8.91	8.55	8.78	2.24	ppb
Beryllium	9-1	0.50	0.43	0.42	0.45	10.31	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	169.19	152.32	135.44	152.32	11.08	ppb
Boron	11-1	165.38	149.93	131.99	149.10	11.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.28	0.32	0.37	0.33	12.77	ppb
Cadmium	106-1	-1.20	0.56	0.56	-0.03		ppb
Cadmium	108-1	0.77	0.90	1.13	0.93	19.16	ppb
Calcium	43-1	496474.47	501216.36	497852.94	498514.59	0.49	ppb
Calcium	44-1	498709.40	501074.44	495934.91	498572.92	0.52	ppb
Chromium	52-2	3.70	3.44	3.62	3.58	3.70	ppb
Cobalt	59-2	1.73	1.60	1.78	1.70	5.59	ppb
Copper	63-2	5.71	5.47	5.35	5.51	3.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	251648.27	247843.52	247340.72	248944.17	0.95	ppb
Iron	56-2	248481.64	249933.10	249663.11	249359.28	0.31	ppb
Iron	57-2	252849.97	246495.33	248602.91	249316.07	1.30	ppb
Krypton	83-1						cps
Lead	206-1	5.41	5.14	5.18	5.25	2.79	ppb
Lead	207-1	5.78	5.21	5.06	5.35	7.09	ppb
Lead	208-1	5.48	5.33	5.34	5.38	1.61	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:32:11	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	502952.60	494044.90	500068.86	499022.12	0.91	ppb
Manganese	55-2	8.14	8.85	8.39	8.46	4.21	ppb
Molybdenum	94-1	1.40	1.40	1.24	1.35	6.78	ppb
Molybdenum	95-1	1.11	1.26	1.22	1.20	6.09	ppb
Molybdenum	96-1	1.74	1.48	1.51	1.58	8.96	ppb
Molybdenum	97-1	1.15	1.40	1.18	1.24	11.32	ppb
Molybdenum	98-1	1.26	1.24	1.27	1.26	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.93	2.80	2.81	2.85	2.62	ppb
Phosphorus	31-2	11.52	-5.28	16.08	7.44	151.19	ppb
Potassium	39-2	250699.91	249453.86	248023.87	249392.55	0.54	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.09	0.80	1.66	0.85	92.71	ppb
Selenium	77-2	-0.05	-0.04	-0.05	-0.05		ppb
Selenium	78-2	0.86	-0.34	-2.48	-0.65		ppb
Silicon	28-1	127.58	162.72	169.94	153.41	14.77	ppb
Silver	109-1	0.48	0.44	0.43	0.45	5.49	ppb
Silver	107-1	0.50	0.52	0.46	0.49	6.85	ppb
Sodium	23-2	501753.15	498288.63	496607.52	498883.10	0.53	ppb
Strontium	86-1	5.01	5.07	5.09	5.05	0.79	ppb
Strontium	88-1	5.45	5.50	5.65	5.53	1.83	ppb
Sulfur	34-1	-3979.28	-2956.41	-2476.42	-3137.37		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.72	0.63	0.62	0.65	8.42	ppb
Thallium	205-1	0.70	0.71	0.61	0.67	7.86	ppb
Tin	118-1	0.36	0.34	0.40	0.37	8.33	ppb
Titanium	47-1	0.70	0.53	0.44	0.56	23.79	ppb
Uranium	238-1	0.13	0.13	0.13	0.13	1.05	ppb
Vanadium	51-2	0.14	0.14	0.14	0.14	2.02	ppb
Yttrium	89-1				100		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:32:11	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	28.60	28.33	28.53	28.48	0.49	ppb
Zirconium	90-1	0.22	0.23	0.23	0.23	1.66	ppb
Zirconium	91-1	0.20	0.20	0.20	0.20	2.43	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:41:50	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	507.57	505.01	495.28	502.62	1.29	ppb
Antimony	121-1	187.62	189.54	188.91	188.69	0.52	ppb
Arsenic	75-2	193.56	197.16	195.03	195.25	0.93	ppb
Barium	135-1	98.27	97.76	99.56	98.53	0.94	ppb
Barium	137-1	97.80	97.90	95.93	97.21	1.14	ppb
Beryllium	9-1	91.75	92.95	95.86	93.52	2.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	653.63	685.27	738.63	692.51	6.20	ppb
Boron	11-1	650.67	686.35	728.01	688.34	5.62	ppb
Bromine	81-1						cps
Cadmium	111-1	99.07	100.41	99.36	99.61	0.71	ppb
Cadmium	106-1	157.03	155.52	153.97	155.51	0.98	ppb
Cadmium	108-1	142.29	139.38	130.74	137.47	4.37	ppb
Calcium	43-1	2094.52	2117.29	2111.11	2107.64	0.56	ppb
Calcium	44-1	2073.64	2143.55	2098.19	2105.12	1.68	ppb
Chromium	52-2	98.21	97.51	98.29	98.00	0.44	ppb
Cobalt	59-2	100.25	99.85	99.38	99.83	0.44	ppb
Copper	63-2	105.70	105.19	105.74	105.54	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	2096.34	2080.61	2072.37	2083.11	0.58	ppb
Iron	56-2	2040.22	2029.74	2023.90	2031.29	0.41	ppb
Iron	57-2	1992.15	2037.11	2044.50	2024.59	1.40	ppb
Krypton	83-1						cps
Lead	206-1	188.42	190.46	191.95	190.28	0.93	ppb
Lead	207-1	174.83	176.33	175.78	175.65	0.43	ppb
Lead	208-1	184.20	186.64	187.10	185.98	0.84	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:41:50	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	1191.38	1196.58	1207.50	1198.49	0.69	ppb
Manganese	55-2	105.70	107.89	109.63	107.74	1.83	ppb
Molybdenum	94-1	2668.45	2570.57	2589.86	2609.63	1.99	ppb
Molybdenum	95-1	2633.07	2548.01	2558.88	2579.99	1.79	ppb
Molybdenum	96-1	2606.27	2546.96	2554.73	2569.32	1.25	ppb
Molybdenum	97-1	2564.85	2537.75	2529.65	2544.08	0.72	ppb
Molybdenum	98-1	2538.20	2518.75	2496.48	2517.81	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.55	100.83	101.35	100.58	0.92	ppb
Phosphorus	31-2	40.34	23.66	9.25	24.42	63.72	ppb
Potassium	39-2	2043.36	2047.39	2014.68	2035.14	0.88	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	189.67	187.27	187.60	188.18	0.69	ppb
Selenium	77-2	206.58	209.43	189.47	201.82	5.35	ppb
Selenium	78-2	189.50	201.35	198.63	196.49	3.16	ppb
Silicon	28-1	396.08	436.36	447.23	426.56	6.32	ppb
Silver	109-1	47.39	47.42	47.01	47.27	0.49	ppb
Silver	107-1	47.92	47.50	47.62	47.68	0.46	ppb
Sodium	23-2	2062.18	2078.95	2053.66	2064.93	0.62	ppb
Strontium	86-1	549.47	535.69	535.60	540.25	1.48	ppb
Strontium	88-1	541.17	535.68	541.06	539.30	0.58	ppb
Sulfur	34-1	-2723.58	-2654.31	-3462.43	-2946.77		ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	191.39	193.85	197.02	194.09	1.45	ppb
Thallium	205-1	195.32	195.48	193.46	194.75	0.58	ppb
Tin	118-1	553.69	551.29	546.19	550.39	0.70	ppb
Titanium	47-1	2486.23	2547.31	2512.62	2515.38	1.22	ppb
Uranium	238-1	538.84	530.12	536.60	535.19	0.85	ppb
Vanadium	51-2	95.43	96.46	95.06	95.65	0.76	ppb
Yttrium	89-1				101		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:41:50	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	202.85	198.65	200.66	200.72	1.05	ppb
Zirconium	90-1	557.39	535.92	542.99	545.43	2.01	ppb
Zirconium	91-1	536.74	525.26	534.65	532.22	1.15	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:51:53	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.45	19.78	18.79	18.67	6.25	ppb
Antimony	121-1	1.75	1.88	1.91	1.85	4.62	ppb
Arsenic	75-2	0.93	0.74	0.98	0.88	14.14	ppb
Barium	135-1	9.22	9.42	9.22	9.29	1.23	ppb
Barium	137-1	8.80	9.19	9.51	9.17	3.86	ppb
Beryllium	9-1	1.08	1.10	1.06	1.08	2.13	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	31.12	36.11	38.34	35.19	10.51	ppb
Boron	11-1	32.25	35.80	37.55	35.20	7.67	ppb
Bromine	81-1						cps
Cadmium	111-1	0.89	1.00	1.12	1.00	11.89	ppb
Cadmium	106-1	-1.43	-2.49	-0.36	-1.42		ppb
Cadmium	108-1	1.26	1.59	1.21	1.36	15.13	ppb
Calcium	43-1	440.51	491.97	455.38	462.62	5.72	ppb
Calcium	44-1	459.13	482.13	477.62	472.96	2.58	ppb
Chromium	52-2	1.91	1.80	1.88	1.86	3.17	ppb
Cobalt	59-2	1.02	0.96	0.96	0.98	3.30	ppb
Copper	63-2	2.35	2.39	2.25	2.33	3.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	56.05	49.79	48.93	51.59	7.53	ppb
Iron	56-2	51.40	51.69	51.08	51.39	0.59	ppb
Iron	57-2	50.08	60.63	50.88	53.86	10.90	ppb
Krypton	83-1						cps
Lead	206-1	0.92	1.00	0.99	0.97	4.15	ppb
Lead	207-1	0.82	0.94	0.87	0.88	6.65	ppb
Lead	208-1	0.90	0.97	0.93	0.93	3.55	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:51:53	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	518.75	505.62	501.14	508.51	1.80	ppb
Manganese	55-2	0.89	1.15	0.98	1.01	13.03	ppb
Molybdenum	94-1	4.31	4.46	4.58	4.45	3.04	ppb
Molybdenum	95-1	4.54	4.77	4.97	4.76	4.54	ppb
Molybdenum	96-1	4.90	4.63	4.88	4.80	3.11	ppb
Molybdenum	97-1	4.51	4.54	4.77	4.61	3.06	ppb
Molybdenum	98-1	4.46	4.85	4.86	4.72	4.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.76	0.88	0.84	8.08	ppb
Phosphorus	31-2	-23.89	13.40	52.03	13.85	274.15	ppb
Potassium	39-2	504.48	491.53	465.58	487.20	4.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	5.83	3.61	5.78	5.07	24.99	ppb
Selenium	77-2	1.92	3.81	5.82	3.85	50.57	ppb
Selenium	78-2	3.77	4.87	4.46	4.37	12.79	ppb
Silicon	28-1	-18.55	-10.66	-7.53	-12.25		ppb
Silver	109-1	0.89	0.87	0.89	0.88	1.57	ppb
Silver	107-1	0.85	0.94	0.86	0.89	5.66	ppb
Sodium	23-2	513.52	503.24	529.08	515.28	2.52	ppb
Strontium	86-1	0.82	0.80	0.78	0.80	2.08	ppb
Strontium	88-1	0.94	0.96	0.90	0.93	3.05	ppb
Sulfur	34-1	-2873.23	-1844.53	-2104.22	-2273.99		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.85	1.02	0.85	0.91	10.72	ppb
Thallium	205-1	0.97	0.96	0.95	0.96	1.11	ppb
Tin	118-1	4.32	4.77	4.58	4.56	5.02	ppb
Titanium	47-1	4.16	5.14	5.41	4.90	13.48	ppb
Uranium	238-1	0.91	0.81	0.84	0.85	6.27	ppb
Vanadium	51-2	5.00	4.66	4.71	4.79	3.79	ppb
Yttrium	89-1				101		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:51:53	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	2.06	1.81	1.91	1.93	6.51	ppb
Zirconium	90-1	0.91	0.93	0.93	0.92	1.15	ppb
Zirconium	91-1	0.76	0.77	0.83	0.79	4.16	ppb

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 16:59:01 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	2.33	0.96	1.18	89.95	ppb
Antimony	121-1	0.03	0.01	0.01	0.01	76.31	ppb
Arsenic	75-2	-0.04	-0.04	-0.02	-0.03		ppb
Barium	135-1	0.00	-0.04	0.04	0.00		ppb
Barium	137-1	-0.02	-0.03	0.01	-0.01		ppb
Beryllium	9-1	0.07	0.05	0.05	0.06	20.42	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	11.93	13.52	11.56	12.34	8.42	ppb
Boron	11-1	12.50	11.99	11.62	12.04	3.68	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.17	-0.06	-0.22	-0.15		ppb
Cadmium	106-1	-2.20	-0.76	-3.08	-2.02		ppb
Cadmium	108-1	0.10	0.25	0.10	0.15	56.32	ppb
Calcium	43-1	-3.51	-6.57	-7.33	-5.80		ppb
Calcium	44-1	-2.25	-6.34	-5.40	-4.66		ppb
Chromium	52-2	0.05	0.06	-0.01	0.04	116.63	ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	0.10	0.10	0.08	0.10	13.18	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				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	-0.35	-1.33	-0.90	-0.86		ppb
Iron	56-2	0.81	0.38	0.85	0.68	38.55	ppb
Iron	57-2	2.02	-0.32	1.08	0.93	126.61	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.06	0.06	5.92	ppb
Lead	207-1	0.04	0.04	0.05	0.04	19.28	ppb
Lead	208-1	0.04	0.04	0.05	0.05	14.47	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:59:01	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	1.44	0.40	-1.11	0.25	521.88	ppb
Manganese	55-2	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.00	-0.01	-0.03	-0.01		ppb
Molybdenum	95-1	0.01	0.01	-0.02	0.00	706900.73	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	29.95	ppb
Molybdenum	97-1	-0.03	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	0.03	0.01	0.01	0.02	76.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.06	-0.14	-0.11		ppb
Phosphorus	31-2	37.46	46.28	-22.60	20.38	183.91	ppb
Potassium	39-2	8.48	1.46	11.69	7.21	72.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	0.83	0.01	0.31	0.38	108.56	ppb
Selenium	77-2	-1.98	-1.98	-0.03	-1.33		ppb
Selenium	78-2	0.40	1.19	0.24	0.61	83.29	ppb
Silicon	28-1	0.50	-6.56	-8.11	-4.72		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Silver	107-1	-0.01	0.00	-0.01	0.00		ppb
Sodium	23-2	13.36	13.96	14.58	13.97	4.39	ppb
Strontium	86-1	-0.05	-0.15	-0.14	-0.11		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	95.27	ppb
Sulfur	34-1	-1012.41	-905.85	-1263.28	-1060.51		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.04	0.04	0.03	38.60	ppb
Thallium	205-1	0.03	0.05	0.04	0.04	30.61	ppb
Tin	118-1	0.01	0.02	0.04	0.02	63.46	ppb
Titanium	47-1	0.38	0.34	0.24	0.32	21.74	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	97.59	ppb
Vanadium	51-2	0.01	-0.01	0.01	0.00	417.60	ppb
Yttrium	89-1				100		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:59:01	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	0.01	0.12	0.27	0.13	98.08	ppb
Zirconium	90-1	-0.02	0.00	0.00	-0.01		ppb
Zirconium	91-1	0.03	-0.02	0.00	0.00	877.39	ppb

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 17:01:52 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100968.19	95359.82	97765.71	98031.24	2.87	ppb
Antimony	121-1	1.22	1.09	1.08	1.13	6.95	ppb
Arsenic	75-2	0.28	0.29	0.28	0.28	2.62	ppb
Barium	135-1	1.21	1.22	1.27	1.23	2.88	ppb
Barium	137-1	1.16	1.26	1.15	1.19	5.21	ppb
Beryllium	9-1	0.35	0.34	0.33	0.34	3.41	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	11.15	10.12	10.50	10.59	4.92	ppb
Boron	11-1	11.02	11.06	11.17	11.08	0.71	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.35	0.37	0.30	33.78	ppb
Cadmium	106-1	-1.38	-0.43	-1.02	-0.94		ppb
Cadmium	108-1	9.80	9.30	8.64	9.25	6.27	ppb
Calcium	43-1	92483.75	94263.43	94318.29	93688.49	1.11	ppb
Calcium	44-1	92643.62	94583.71	91802.16	93009.83	1.53	ppb
Chromium	52-2	19.74	18.92	19.49	19.39	2.18	ppb
Cobalt	59-2	1.14	1.05	1.10	1.10	3.80	ppb
Copper	63-2	8.28	7.78	7.83	7.97	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	106348.88	98794.32	101987.63	102376.94	3.70	ppb
Iron	56-2	108322.46	99516.53	101834.98	103224.66	4.42	ppb
Iron	57-2	109765.74	101794.90	103018.29	104859.64	4.09	ppb
Krypton	83-1						cps
Lead	206-1	4.15	4.44	4.53	4.37	4.56	ppb
Lead	207-1	3.37	3.81	3.99	3.72	8.57	ppb
Lead	208-1	3.80	4.05	4.29	4.05	6.06	ppb

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 17:01:52 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	102989.10	96220.51	98196.25	99135.29	3.51	ppb
Manganese	55-2	7.81	7.33	6.85	7.33	6.57	ppb
Molybdenum	94-1	1264.42	1258.12	1259.40	1260.65	0.26	ppb
Molybdenum	95-1	1814.49	1818.28	1794.84	1809.20	0.70	ppb
Molybdenum	96-1	1747.74	1752.55	1732.87	1744.39	0.59	ppb
Molybdenum	97-1	1810.19	1778.92	1804.04	1797.72	0.92	ppb
Molybdenum	98-1	1781.22	1764.99	1782.28	1776.16	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.51	5.20	4.95	5.22	5.35	ppb
Phosphorus	31-2	102612.60	96905.33	97173.72	98897.22	3.26	ppb
Potassium	39-2	104256.73	98634.43	100691.88	101194.34	2.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	-1.32	-0.54	0.55	-0.44		ppb
Selenium	77-2	-1.98	1.85	1.95	0.60	370.95	ppb
Selenium	78-2	0.07	0.43	-0.79	-0.10		ppb
Silicon	28-1	15.26	19.49	23.04	19.26	20.21	ppb
Silver	109-1	0.00	0.01	0.02	0.01	90.60	ppb
Silver	107-1	0.00	0.01	0.01	0.01	49.27	ppb
Sodium	23-2	107432.50	98575.75	101774.44	102594.23	4.37	ppb
Strontium	86-1	31.78	31.03	32.26	31.69	1.95	ppb
Strontium	88-1	32.34	32.41	32.24	32.33	0.27	ppb
Sulfur	34-1	65975.96	66895.34	63302.71	65391.34	2.85	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.08	0.09	0.08	6.08	ppb
Thallium	205-1	0.08	0.09	0.13	0.10	22.85	ppb
Tin	118-1	0.21	0.24	0.26	0.24	10.06	ppb
Titanium	47-1	1783.85	1831.12	1801.55	1805.50	1.32	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	32.40	ppb
Vanadium	51-2	0.13	0.17	0.11	0.14	18.86	ppb
Yttrium	89-1				102		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:01:52	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	10.83	10.70	11.57	11.03	4.27	ppb
Zirconium	90-1	0.03	-0.01	0.00	0.01	385.46	ppb
Zirconium	91-1	0.04	-0.02	0.03	0.02	177.77	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:04:42	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94244.65	96160.29	95611.92	95338.95	1.03	ppb
Antimony	121-1	20.23	20.50	19.44	20.06	2.75	ppb
Arsenic	75-2	20.18	19.90	20.18	20.09	0.82	ppb
Barium	135-1	20.88	20.32	21.18	20.80	2.10	ppb
Barium	137-1	20.85	20.15	20.28	20.43	1.81	ppb
Beryllium	9-1	18.52	18.56	19.21	18.76	2.05	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	84.18	88.68	85.97	86.28	2.63	ppb
Boron	11-1	82.68	86.56	87.20	85.48	2.86	ppb
Bromine	81-1						cps
Cadmium	111-1	20.09	18.98	19.27	19.44	2.95	ppb
Cadmium	106-1	21.79	20.09	24.41	22.09	9.84	ppb
Cadmium	108-1	28.70	27.34	31.63	29.22	7.49	ppb
Calcium	43-1	97718.87	92227.13	94246.09	94730.70	2.93	ppb
Calcium	44-1	96567.74	90602.75	94567.61	93912.70	3.23	ppb
Chromium	52-2	38.01	38.13	38.23	38.13	0.29	ppb
Cobalt	59-2	20.63	21.21	20.89	20.91	1.39	ppb
Copper	63-2	27.71	28.12	28.36	28.06	1.18	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				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	98843.72	102249.05	101863.82	100985.53	1.85	ppb
Iron	56-2	100478.92	100282.47	100488.40	100416.60	0.12	ppb
Iron	57-2	101333.66	101936.99	102064.69	101778.44	0.38	ppb
Krypton	83-1						cps
Lead	206-1	23.10	22.01	22.56	22.56	2.40	ppb
Lead	207-1	22.10	20.12	21.17	21.13	4.70	ppb
Lead	208-1	22.50	21.01	21.73	21.75	3.44	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:04:42	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	95661.30	98591.78	96068.14	96773.74	1.64	ppb
Manganese	55-2	26.22	26.28	26.27	26.26	0.11	ppb
Molybdenum	94-1	1449.88	1328.84	1404.44	1394.38	4.38	ppb
Molybdenum	95-1	1925.41	1820.94	1860.06	1868.80	2.82	ppb
Molybdenum	96-1	1862.30	1752.71	1787.97	1800.99	3.11	ppb
Molybdenum	97-1	1942.43	1815.25	1868.68	1875.45	3.40	ppb
Molybdenum	98-1	1865.29	1817.96	1819.26	1834.17	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.55	24.35	24.58	24.49	0.51	ppb
Phosphorus	31-2	93788.90	96203.05	96263.47	95418.47	1.48	ppb
Potassium	39-2	95679.93	98361.58	98244.81	97428.77	1.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	17.27	17.01	17.97	17.42	2.88	ppb
Selenium	77-2	13.22	15.17	15.39	14.59	8.18	ppb
Selenium	78-2	21.73	16.81	24.29	20.94	18.13	ppb
Silicon	28-1	94.77	52.58	68.84	72.07	29.53	ppb
Silver	109-1	18.55	17.68	18.31	18.18	2.47	ppb
Silver	107-1	18.53	17.87	18.41	18.27	1.92	ppb
Sodium	23-2	98985.09	100848.60	101134.00	100322.56	1.16	ppb
Strontium	86-1	88.23	82.63	85.39	85.42	3.28	ppb
Strontium	88-1	90.12	85.70	87.68	87.83	2.52	ppb
Sulfur	34-1	68411.13	62462.65	62421.81	64431.86	5.35	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	19.61	19.20	18.80	19.20	2.11	ppb
Thallium	205-1	19.83	18.91	19.59	19.44	2.48	ppb
Tin	118-1	57.36	54.24	56.29	55.96	2.83	ppb
Titanium	47-1	1936.90	1845.27	1875.45	1885.87	2.48	ppb
Uranium	238-1	57.74	53.72	55.97	55.81	3.61	ppb
Vanadium	51-2	19.58	19.29	19.37	19.42	0.79	ppb
Yttrium	89-1				101		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:04:42	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	29.50	31.41	29.84	30.25	3.36	ppb
Zirconium	90-1	57.64	56.27	56.57	56.83	1.27	ppb
Zirconium	91-1	56.07	53.69	54.28	54.68	2.26	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:26:15	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45375.85	44911.96	45187.66	45158.49	0.52	ppb
Antimony	121-1	457.81	484.04	477.55	473.13	2.89	ppb
Arsenic	75-2	477.94	485.59	471.35	478.30	1.49	ppb
Barium	135-1	2308.98	2401.47	2437.39	2382.61	2.78	ppb
Barium	137-1	2318.60	2386.62	2447.97	2384.40	2.71	ppb
Beryllium	9-1	489.02	512.87	500.46	500.78	2.38	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	400.30	470.91	500.78	457.33	11.28	ppb
Boron	11-1	403.78	473.31	497.32	458.14	10.60	ppb
Bromine	81-1						cps
Cadmium	111-1	522.29	549.53	556.37	542.73	3.32	ppb
Cadmium	106-1	516.05	540.40	534.06	530.17	2.38	ppb
Cadmium	108-1	509.17	546.62	548.82	534.87	4.17	ppb
Calcium	43-1	221341.49	228544.11	223693.44	224526.35	1.64	ppb
Calcium	44-1	220212.04	227634.96	227681.43	225176.14	1.91	ppb
Chromium	52-2	485.12	483.05	485.24	484.47	0.25	ppb
Cobalt	59-2	484.25	482.77	485.36	484.13	0.27	ppb
Copper	63-2	4769.02	4789.55	4866.82	4808.47	1.07	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				109		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	54-2	116684.09	117109.04	117132.24	116975.12	0.22	ppb
Iron	56-2	117343.46	115640.85	118564.38	117182.90	1.25	ppb
Iron	57-2	118207.37	119532.86	119065.34	118935.19	0.57	ppb
Krypton	83-1						cps
Lead	206-1	2313.81	2366.07	2416.12	2365.33	2.16	ppb
Lead	207-1	2308.03	2372.00	2414.97	2365.00	2.28	ppb
Lead	208-1	2292.87	2357.17	2390.86	2346.96	2.12	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:26:15	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	236102.12	233443.56	233830.54	234458.74	0.61	ppb
Manganese	55-2	4886.60	4871.25	4953.56	4903.80	0.89	ppb
Molybdenum	94-1	2289.71	2320.94	2387.52	2332.72	2.14	ppb
Molybdenum	95-1	2325.95	2302.94	2402.63	2343.84	2.23	ppb
Molybdenum	96-1	2297.74	2299.22	2420.83	2339.26	3.02	ppb
Molybdenum	97-1	2301.04	2315.63	2376.42	2331.03	1.72	ppb
Molybdenum	98-1	2254.94	2291.91	2370.94	2305.93	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.75	478.89	475.92	478.19	0.42	ppb
Phosphorus	31-2	10279.34	9536.55	9912.99	9909.63	3.75	ppb
Potassium	39-2	117858.24	117362.39	117709.11	117643.25	0.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	479.55	486.83	501.98	489.45	2.34	ppb
Selenium	77-2	502.97	588.10	497.99	529.69	9.56	ppb
Selenium	78-2	511.79	527.07	504.17	514.35	2.27	ppb
Silicon	28-1	407.93	463.74	482.40	451.36	8.58	ppb
Silver	109-1	482.58	518.27	508.03	502.96	3.65	ppb
Silver	107-1	479.49	508.06	510.79	499.45	3.47	ppb
Sodium	23-2	236471.42	234098.87	238396.82	236322.37	0.91	ppb
Strontium	86-1	456.79	458.77	472.91	462.82	1.90	ppb
Strontium	88-1	456.64	464.33	478.72	466.56	2.40	ppb
Sulfur	34-1	4819.87	5789.95	6052.59	5554.13	11.69	ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	459.85	472.44	481.12	471.14	2.27	ppb
Thallium	205-1	460.58	474.41	478.59	471.19	2.00	ppb
Tin	118-1	451.26	484.81	485.93	474.00	4.16	ppb
Titanium	47-1	2245.46	2381.88	2339.98	2322.44	3.01	ppb
Uranium	238-1	460.99	482.56	483.79	475.78	2.69	ppb
Vanadium	51-2	492.75	489.43	489.59	490.59	0.38	ppb
Yttrium	89-1				103		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:26:15	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	4806.55	4799.78	4814.84	4807.06	0.16	ppb
Zirconium	90-1	468.10	472.52	491.74	477.45	2.63	ppb
Zirconium	91-1	454.05	462.08	478.30	464.81	2.66	ppb

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : CCB53 Instrumnet Name : P8
 Client Sample ID : CCB53 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 17:34:04 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-1.07	-0.13	-0.38		ppb
Antimony	121-1	0.06	0.09	0.10	0.08	24.55	ppb
Arsenic	75-2	0.01	0.02	-0.02	0.00	493.96	ppb
Barium	135-1	0.07	-0.01	0.05	0.04	99.44	ppb
Barium	137-1	0.02	-0.02	0.04	0.01	207.85	ppb
Beryllium	9-1	0.15	0.19	0.10	0.15	29.85	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	26.11	26.83	26.33	26.42	1.38	ppb
Boron	11-1	26.84	26.30	26.40	26.52	1.08	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.17	-0.05	-0.28	-0.17		ppb
Cadmium	106-1	-2.35	-1.04	-3.89	-2.43		ppb
Cadmium	108-1	-0.05	0.02	0.16	0.04	250.54	ppb
Calcium	43-1	-7.06	-10.58	-10.91	-9.52		ppb
Calcium	44-1	-7.36	-8.37	-3.23	-6.32		ppb
Chromium	52-2	0.03	0.08	-0.03	0.03	178.40	ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	0.49	0.41	0.52	0.47	11.40	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				103		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	2.39	-0.18	2.61	1.61	96.58	ppb
Iron	56-2	2.16	2.25	2.45	2.29	6.71	ppb
Iron	57-2	5.77	2.43	3.12	3.77	46.70	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.20	0.16	0.17	15.33	ppb
Lead	207-1	0.21	0.18	0.24	0.21	13.48	ppb
Lead	208-1	0.17	0.20	0.18	0.18	9.14	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:34:04	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	1.51	2.80	4.73	3.01	53.66	ppb
Manganese	55-2	0.08	0.02	0.03	0.04	74.90	ppb
Molybdenum	94-1	0.02	0.04	0.00	0.02	101.44	ppb
Molybdenum	95-1	0.02	0.04	0.02	0.03	40.32	ppb
Molybdenum	96-1	0.05	0.02	0.04	0.04	52.74	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	112.86	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	38.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.17	-0.14	-0.21	-0.17		ppb
Phosphorus	31-2	4.29	5.95	34.06	14.77	113.30	ppb
Potassium	39-2	34.82	23.63	44.91	34.45	30.90	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	-1.18	-0.61	0.61	-0.40		ppb
Selenium	77-2	-1.98	-1.98	-1.98	-1.98		ppb
Selenium	78-2	-0.18	0.31	3.51	1.21	165.35	ppb
Silicon	28-1	-34.49	-34.91	-19.78	-29.73		ppb
Silver	109-1	0.00	0.01	0.01	0.01	61.94	ppb
Silver	107-1	0.01	0.01	0.00	0.00	268.25	ppb
Sodium	23-2	66.49	58.03	70.60	65.04	9.85	ppb
Strontium	86-1	-0.10	-0.20	-0.05	-0.12		ppb
Strontium	88-1	0.00	0.01	0.00	0.01	98.80	ppb
Sulfur	34-1	-4108.27	-4013.25	-2961.78	-3694.43		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.18	0.14	0.16	0.16	13.79	ppb
Thallium	205-1	0.15	0.16	0.14	0.15	9.10	ppb
Tin	118-1	0.00	0.04	0.05	0.03	99.59	ppb
Titanium	47-1	0.29	0.24	0.26	0.26	9.15	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	153.42	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				104		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:34:04	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	0.70	0.60	0.62	0.64	8.39	ppb
Zirconium	90-1	-0.01	0.00	-0.02	-0.01		ppb
Zirconium	91-1	-0.04	-0.05	-0.03	-0.04		ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:36:55	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.62	21.42	20.27	21.44	5.49	ppb
Antimony	121-1	1.76	1.82	1.93	1.84	4.45	ppb
Arsenic	75-2	0.86	0.96	0.86	0.89	6.26	ppb
Barium	135-1	9.36	9.62	9.55	9.51	1.43	ppb
Barium	137-1	8.67	9.37	9.14	9.06	3.91	ppb
Beryllium	9-1	1.03	1.02	1.05	1.03	1.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	36.02	38.41	41.18	38.54	6.70	ppb
Boron	11-1	35.84	38.46	41.41	38.57	7.22	ppb
Bromine	81-1						cps
Cadmium	111-1	1.19	1.05	1.08	1.10	6.40	ppb
Cadmium	106-1	0.45	-1.14	-2.18	-0.96		ppb
Cadmium	108-1	1.24	1.12	1.22	1.19	5.41	ppb
Calcium	43-1	473.67	465.10	463.90	467.56	1.14	ppb
Calcium	44-1	475.67	482.00	476.45	478.04	0.72	ppb
Chromium	52-2	2.09	1.99	1.98	2.02	3.02	ppb
Cobalt	59-2	0.91	0.92	0.94	0.92	1.56	ppb
Copper	63-2	2.42	2.42	2.39	2.41	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	48.17	52.82	54.02	51.67	5.99	ppb
Iron	56-2	53.56	52.44	52.10	52.70	1.45	ppb
Iron	57-2	50.70	55.53	55.16	53.80	5.00	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.99	1.00	0.98	2.39	ppb
Lead	207-1	0.95	1.05	1.05	1.01	5.59	ppb
Lead	208-1	0.91	0.99	0.97	0.96	4.37	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:36:55	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	510.76	515.70	488.09	504.85	2.92	ppb
Manganese	55-2	0.96	1.04	0.91	0.97	7.06	ppb
Molybdenum	94-1	4.77	4.26	4.48	4.51	5.71	ppb
Molybdenum	95-1	4.57	5.06	4.74	4.79	5.24	ppb
Molybdenum	96-1	4.75	4.78	4.53	4.69	2.91	ppb
Molybdenum	97-1	4.36	4.49	4.40	4.42	1.44	ppb
Molybdenum	98-1	4.64	4.67	4.45	4.59	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.68	0.77	0.74	7.66	ppb
Phosphorus	31-2	18.70	-0.97	23.13	13.62	94.17	ppb
Potassium	39-2	532.66	524.27	510.13	522.35	2.18	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	3.79	4.03	5.17	4.33	16.93	ppb
Selenium	77-2	5.62	11.34	9.65	8.87	33.12	ppb
Selenium	78-2	4.86	3.32	5.28	4.49	22.96	ppb
Silicon	28-1	-20.17	-15.88	-17.38	-17.81		ppb
Silver	109-1	0.95	0.90	1.02	0.96	6.12	ppb
Silver	107-1	0.97	0.94	0.97	0.96	1.68	ppb
Sodium	23-2	564.18	541.90	555.56	553.88	2.03	ppb
Strontium	86-1	0.80	0.80	0.84	0.82	3.00	ppb
Strontium	88-1	0.93	0.93	0.90	0.92	2.26	ppb
Sulfur	34-1	-2628.60	-1904.30	-2613.81	-2382.24		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.92	1.08	0.98	0.99	8.09	ppb
Thallium	205-1	0.98	1.04	1.02	1.01	3.08	ppb
Tin	118-1	4.59	4.91	4.62	4.71	3.77	ppb
Titanium	47-1	5.49	4.87	4.83	5.06	7.29	ppb
Uranium	238-1	0.86	0.88	0.86	0.87	1.37	ppb
Vanadium	51-2	4.85	4.54	4.85	4.75	3.70	ppb
Yttrium	89-1				102		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:36:55	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	2.43	1.97	2.32	2.24	10.78	ppb
Zirconium	90-1	0.93	0.83	0.91	0.89	5.69	ppb
Zirconium	91-1	0.81	0.76	0.90	0.82	8.75	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	PB132742BL	Instrumnet Name :	P8
Client Sample ID :	PB132742BL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:43:00	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	0.13	-1.36	-0.56		ppb
Antimony	121-1	0.03	0.02	0.01	0.02	42.57	ppb
Arsenic	75-2	0.01	-0.03	-0.04	-0.02		ppb
Barium	135-1	0.02	0.06	0.05	0.04	50.47	ppb
Barium	137-1	0.01	0.03	0.01	0.01	86.13	ppb
Beryllium	9-1	0.08	0.11	0.11	0.10	16.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	14.82	14.38	15.43	14.88	3.55	ppb
Boron	11-1	13.90	14.09	14.17	14.06	0.99	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.20	-0.19	-0.22	-0.20		ppb
Cadmium	106-1	-2.44	-2.58	-3.23	-2.75		ppb
Cadmium	108-1	0.09	0.10	0.03	0.07	55.79	ppb
Calcium	43-1	-6.29	-0.85	-6.66	-4.60		ppb
Calcium	44-1	-9.66	-1.15	-3.17	-4.66		ppb
Chromium	52-2	-0.11	0.03	0.04	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.17	0.18	0.23	0.19	17.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	1.67	1.94	-1.99	0.54	407.24	ppb
Iron	56-2	1.23	1.38	1.44	1.35	7.78	ppb
Iron	57-2	4.77	-0.26	0.88	1.80	146.68	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.17	0.16	0.15	17.30	ppb
Lead	207-1	0.15	0.14	0.10	0.13	20.00	ppb
Lead	208-1	0.13	0.13	0.15	0.13	8.15	ppb

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : PB132742BL Instrumnet Name : P8
 Client Sample ID : PB132742BL Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 17:43:00 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	0.79	1.95	2.84	1.86	55.45	ppb
Manganese	55-2	-0.15	0.01	0.09	-0.02		ppb
Molybdenum	94-1	-0.01	0.00	0.02	0.00	750.06	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	34.76	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	57.50	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	740.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.07	-0.13	-0.13		ppb
Phosphorus	31-2	18.72	-17.96	44.41	15.06	208.14	ppb
Potassium	39-2	25.35	17.87	1.11	14.78	84.01	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	-0.41	-0.22	-0.39	-0.34		ppb
Selenium	77-2	-0.07	-0.08	-0.06	-0.07		ppb
Selenium	78-2	0.63	-0.29	1.19	0.51	146.24	ppb
Silicon	28-1	-32.33	-10.22	-7.61	-16.72		ppb
Silver	109-1	0.01	0.01	0.00	0.01	62.03	ppb
Silver	107-1	0.00	0.00	0.00	0.00	640.43	ppb
Sodium	23-2	39.93	46.29	45.07	43.76	7.72	ppb
Strontium	86-1	-0.11	-0.15	-0.06	-0.10		ppb
Strontium	88-1	0.00	-0.01	0.01	0.00		ppb
Sulfur	34-1	-3311.68	-1301.11	-1150.36	-1921.05		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.04	0.05	0.04	37.40	ppb
Thallium	205-1	0.07	0.05	0.04	0.05	26.63	ppb
Tin	118-1	0.00	0.01	0.04	0.02	129.74	ppb
Titanium	47-1	0.19	0.11	0.21	0.17	31.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				100		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	PB132742BL	Instrumnet Name :	P8
Client Sample ID :	PB132742BL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:43:00	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	0.00	0.26	0.54	0.27	100.44	ppb
Zirconium	90-1	-0.01	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	75.40	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	PB132742BS	Instrumnet Name :	P8
Client Sample ID :	PB132742BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:45:53	DataFile Name :	025LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9970.27	10057.69	9946.41	9991.45	0.59	ppb
Antimony	121-1	467.84	482.87	465.21	471.97	2.02	ppb
Arsenic	75-2	491.85	484.74	485.05	487.22	0.82	ppb
Barium	135-1	2361.98	2431.98	2367.70	2387.22	1.63	ppb
Barium	137-1	2330.97	2402.29	2408.17	2380.48	1.81	ppb
Beryllium	9-1	450.76	466.89	472.39	463.35	2.43	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	340.21	408.99	457.13	402.11	14.61	ppb
Boron	11-1	343.30	403.68	453.36	400.11	13.77	ppb
Bromine	81-1						cps
Cadmium	111-1	465.13	478.54	471.54	471.74	1.42	ppb
Cadmium	106-1	462.04	469.43	455.93	462.47	1.46	ppb
Cadmium	108-1	459.07	471.71	481.76	470.85	2.41	ppb
Calcium	43-1	49403.13	49129.04	49292.80	49274.99	0.28	ppb
Calcium	44-1	48819.60	49111.64	49128.33	49019.86	0.35	ppb
Chromium	52-2	482.21	481.54	480.57	481.44	0.17	ppb
Cobalt	59-2	488.88	487.73	484.93	487.18	0.42	ppb
Copper	63-2	4846.46	4918.72	4888.04	4884.41	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	25696.12	25979.86	25595.47	25757.15	0.77	ppb
Iron	56-2	25519.93	25480.38	25302.01	25434.11	0.46	ppb
Iron	57-2	25363.92	25550.79	25404.14	25439.62	0.39	ppb
Krypton	83-1						cps
Lead	206-1	2349.02	2405.30	2386.94	2380.42	1.21	ppb
Lead	207-1	2405.07	2363.01	2395.86	2387.98	0.93	ppb
Lead	208-1	2344.36	2358.18	2372.69	2358.41	0.60	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	PB132742BS	Instrumnet Name :	P8
Client Sample ID :	PB132742BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:45:53	DataFile Name :	025LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	50304.78	51053.40	49851.92	50403.37	1.20	ppb
Manganese	55-2	4885.87	4997.96	4834.31	4906.05	1.71	ppb
Molybdenum	94-1	2312.52	2382.96	2362.74	2352.74	1.54	ppb
Molybdenum	95-1	2335.12	2377.84	2391.91	2368.29	1.25	ppb
Molybdenum	96-1	2300.72	2361.64	2390.15	2350.84	1.94	ppb
Molybdenum	97-1	2326.09	2388.21	2403.69	2372.66	1.73	ppb
Molybdenum	98-1	2311.88	2302.77	2334.45	2316.37	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.15	485.27	483.06	484.83	0.33	ppb
Phosphorus	31-2	9519.85	9744.72	9853.34	9705.97	1.75	ppb
Potassium	39-2	25175.29	25824.46	25821.14	25606.96	1.46	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	463.24	476.35	476.72	472.10	1.63	ppb
Selenium	77-2	543.30	505.77	449.95	499.67	9.40	ppb
Selenium	78-2	491.47	476.38	475.67	481.17	1.85	ppb
Silicon	28-1	411.15	438.24	495.05	448.15	9.55	ppb
Silver	109-1	469.26	481.47	468.68	473.14	1.53	ppb
Silver	107-1	463.56	480.79	474.65	473.00	1.85	ppb
Sodium	23-2	50153.01	50714.50	49956.86	50274.79	0.78	ppb
Strontium	86-1	463.74	473.85	475.38	470.99	1.34	ppb
Strontium	88-1	464.42	475.16	475.75	471.78	1.35	ppb
Sulfur	34-1	7676.81	6985.46	6862.84	7175.04	6.12	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	469.28	480.11	479.12	476.17	1.26	ppb
Thallium	205-1	472.36	470.87	473.61	472.28	0.29	ppb
Tin	118-1	468.44	479.39	475.75	474.53	1.18	ppb
Titanium	47-1	2397.76	2371.33	2352.16	2373.75	0.96	ppb
Uranium	238-1	463.57	466.39	473.52	467.82	1.10	ppb
Vanadium	51-2	479.02	484.42	481.80	481.75	0.56	ppb
Yttrium	89-1				101		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	PB132742BS	Instrumnet Name :	P8
Client Sample ID :	PB132742BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:45:53	DataFile Name :	025LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	4876.30	4897.28	4871.38	4881.66	0.28	ppb
Zirconium	90-1	474.52	482.58	486.44	481.18	1.26	ppb
Zirconium	91-1	461.44	469.52	474.89	468.62	1.45	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01	Instrumnet Name :	P8
Client Sample ID :	OB-7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:48:41	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.12	20.17	18.59	18.63	8.19	ppb
Antimony	121-1	0.30	0.32	0.33	0.32	5.14	ppb
Arsenic	75-2	1.10	1.07	1.13	1.10	2.82	ppb
Barium	135-1	66.09	68.32	68.85	67.75	2.16	ppb
Barium	137-1	68.57	67.99	68.06	68.21	0.47	ppb
Beryllium	9-1	0.22	0.20	0.22	0.21	6.99	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	155.34	163.33	178.58	165.75	7.12	ppb
Boron	11-1	157.15	169.54	178.89	168.53	6.47	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.13	0.00	-0.08		ppb
Cadmium	106-1	-2.45	-2.13	-0.70	-1.76		ppb
Cadmium	108-1	0.09	0.23	0.09	0.14	60.65	ppb
Calcium	43-1	31607.63	31821.85	32325.22	31918.23	1.15	ppb
Calcium	44-1	31498.75	31701.66	32087.12	31762.51	0.94	ppb
Chromium	52-2	0.58	0.64	0.64	0.62	5.82	ppb
Cobalt	59-2	1.88	1.79	1.92	1.86	3.50	ppb
Copper	63-2	256.24	250.47	258.42	255.04	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	54-2	400.55	399.26	412.27	404.03	1.77	ppb
Iron	56-2	417.51	407.12	414.38	413.00	1.29	ppb
Iron	57-2	419.58	418.61	404.58	414.26	2.03	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.48	0.48	0.45	13.73	ppb
Lead	207-1	0.46	0.42	0.37	0.42	10.87	ppb
Lead	208-1	0.44	0.40	0.40	0.42	5.66	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01	Instrumnet Name :	P8
Client Sample ID :	OB-7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:48:41	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	11313.24	11114.42	11284.93	11237.53	0.96	ppb
Manganese	55-2	1587.94	1552.78	1602.11	1580.95	1.61	ppb
Molybdenum	94-1	2.58	2.63	2.64	2.62	1.37	ppb
Molybdenum	95-1	3.67	3.73	3.41	3.61	4.68	ppb
Molybdenum	96-1	3.23	3.66	3.35	3.41	6.45	ppb
Molybdenum	97-1	3.54	3.50	3.52	3.52	0.52	ppb
Molybdenum	98-1	3.55	3.52	3.43	3.50	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.96	2.93	3.32	3.07	7.07	ppb
Phosphorus	31-2	196.09	181.85	185.26	187.73	3.96	ppb
Potassium	39-2	1469.05	1402.86	1491.03	1454.31	3.16	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	0.05	0.97	-0.85	0.06	1589.76	ppb
Selenium	77-2	3.44	1.69	3.46	2.86	35.58	ppb
Selenium	78-2	0.49	-0.06	-0.63	-0.06		ppb
Silicon	28-1	4201.32	4227.68	4338.41	4255.80	1.71	ppb
Silver	109-1	0.03	0.01	0.00	0.01	108.72	ppb
Silver	107-1	0.02	0.02	0.01	0.02	41.50	ppb
Sodium	23-2	23206.44	22941.69	23412.56	23186.90	1.02	ppb
Strontium	86-1	132.55	132.28	133.03	132.62	0.29	ppb
Strontium	88-1	135.80	133.99	134.48	134.76	0.70	ppb
Sulfur	34-1	5217.61	4296.35	5483.03	4999.00	12.46	ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	0.26	0.29	0.24	0.26	9.80	ppb
Thallium	205-1	0.32	0.29	0.27	0.29	8.17	ppb
Tin	118-1	0.15	0.09	0.05	0.10	49.73	ppb
Titanium	47-1	0.91	0.71	0.99	0.87	16.35	ppb
Uranium	238-1	11.31	11.62	11.51	11.48	1.35	ppb
Vanadium	51-2	0.67	0.66	0.75	0.69	7.39	ppb
Yttrium	89-1				106		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01	Instrumnet Name :	P8
Client Sample ID :	OB-7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:48:41	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	13.01	12.25	14.00	13.09	6.72	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	53.41	ppb
Zirconium	91-1	0.03	0.04	0.05	0.04	26.49	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01DUP	Instrumnet Name :	P8
Client Sample ID :	OB-7DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:51:31	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.15	19.89	20.26	20.10	0.93	ppb
Antimony	121-1	0.16	0.15	0.19	0.16	12.75	ppb
Arsenic	75-2	1.18	1.07	1.15	1.13	5.30	ppb
Barium	135-1	67.89	68.27	67.92	68.03	0.30	ppb
Barium	137-1	67.48	69.07	66.95	67.83	1.62	ppb
Beryllium	9-1	0.14	0.18	0.13	0.15	18.62	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	131.28	143.89	152.91	142.69	7.62	ppb
Boron	11-1	132.48	151.10	153.14	145.57	7.82	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	-0.01	-0.03	0.02	426.46	ppb
Cadmium	106-1	0.69	-1.07	-1.31	-0.56		ppb
Cadmium	108-1	0.09	0.30	0.15	0.18	60.01	ppb
Calcium	43-1	32171.27	32064.38	31082.83	31772.83	1.89	ppb
Calcium	44-1	32435.52	32105.27	31368.17	31969.65	1.71	ppb
Chromium	52-2	0.74	0.93	0.96	0.87	13.57	ppb
Cobalt	59-2	1.77	1.91	1.95	1.87	5.16	ppb
Copper	63-2	254.69	253.72	252.55	253.66	0.42	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				105		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	54-2	421.99	403.52	422.24	415.92	2.58	ppb
Iron	56-2	420.33	410.66	413.69	414.89	1.19	ppb
Iron	57-2	415.64	417.21	431.62	421.49	2.09	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.49	0.43	0.44	8.20	ppb
Lead	207-1	0.36	0.33	0.33	0.34	4.62	ppb
Lead	208-1	0.36	0.38	0.39	0.38	3.55	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01DUP	Instrumnet Name :	P8
Client Sample ID :	OB-7DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:51:31	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	11212.11	11320.40	11193.97	11242.16	0.61	ppb
Manganese	55-2	1579.98	1574.19	1566.75	1573.64	0.42	ppb
Molybdenum	94-1	2.58	2.56	2.24	2.46	7.90	ppb
Molybdenum	95-1	3.78	3.63	3.46	3.63	4.47	ppb
Molybdenum	96-1	3.73	3.64	3.51	3.63	2.99	ppb
Molybdenum	97-1	3.66	3.66	3.51	3.61	2.44	ppb
Molybdenum	98-1	3.75	3.88	3.57	3.73	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.99	3.30	3.21	3.17	5.13	ppb
Phosphorus	31-2	174.37	241.28	290.51	235.38	24.77	ppb
Potassium	39-2	1876.25	1808.02	1797.21	1827.16	2.35	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	0.45	-0.67	-0.50	-0.24		ppb
Selenium	77-2	3.49	-1.98	7.04	2.85	159.65	ppb
Selenium	78-2	0.89	-0.32	0.98	0.52	140.06	ppb
Silicon	28-1	4257.75	4285.74	4132.97	4225.49	1.92	ppb
Silver	109-1	0.00	0.00	0.00	0.00	110.22	ppb
Silver	107-1	0.00	0.00	0.02	0.01	126.12	ppb
Sodium	23-2	23972.70	24191.53	23882.77	24015.67	0.66	ppb
Strontium	86-1	132.91	132.21	127.38	130.84	2.30	ppb
Strontium	88-1	134.35	135.26	131.63	133.75	1.41	ppb
Sulfur	34-1	5411.05	5535.59	3758.90	4901.85	20.23	ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	0.18	0.17	0.12	0.16	21.57	ppb
Thallium	205-1	0.12	0.15	0.12	0.13	11.82	ppb
Tin	118-1	0.07	0.08	0.08	0.08	7.39	ppb
Titanium	47-1	0.70	1.03	1.02	0.92	20.47	ppb
Uranium	238-1	11.39	11.29	11.01	11.23	1.76	ppb
Vanadium	51-2	0.70	0.76	0.73	0.73	4.28	ppb
Yttrium	89-1				107		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01DUP	Instrumnet Name :	P8
Client Sample ID :	OB-7DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:51:31	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	14.83	14.10	13.95	14.29	3.32	ppb
Zirconium	90-1	0.03	0.01	0.00	0.01	82.60	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	1830.92	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01LX5	Instrumnet Name :	P8
Client Sample ID :	OB-7L	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 17:54:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.66	4.58	3.95	6.06	51.68	ppb
Antimony	121-1	0.09	0.09	0.07	0.09	12.47	ppb
Arsenic	75-2	0.27	0.16	0.15	0.19	35.02	ppb
Barium	135-1	12.65	13.43	13.47	13.18	3.53	ppb
Barium	137-1	12.36	12.72	13.49	12.86	4.47	ppb
Beryllium	9-1	0.11	0.11	0.11	0.11	1.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	55.19	57.79	54.53	55.83	3.09	ppb
Boron	11-1	55.79	56.52	56.39	56.23	0.69	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.29	-0.02	-0.12		ppb
Cadmium	106-1	-0.98	-3.92	-0.18	-1.70		ppb
Cadmium	108-1	-0.12	0.25	0.10	0.07	255.42	ppb
Calcium	43-1	6096.00	6043.63	6100.01	6079.88	0.52	ppb
Calcium	44-1	6183.20	6103.76	6190.07	6159.01	0.78	ppb
Chromium	52-2	0.31	0.15	0.16	0.20	43.92	ppb
Cobalt	59-2	0.41	0.36	0.31	0.36	13.00	ppb
Copper	63-2	57.53	49.25	49.60	52.13	8.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	96.37	75.28	83.87	85.17	12.45	ppb
Iron	56-2	93.02	81.02	79.64	84.56	8.70	ppb
Iron	57-2	107.66	86.64	89.41	94.57	12.08	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.23	0.22	0.23	4.05	ppb
Lead	207-1	0.19	0.14	0.19	0.17	16.20	ppb
Lead	208-1	0.19	0.21	0.20	0.20	6.06	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01LX5	Instrumnet Name :	P8
Client Sample ID :	OB-7L	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 17:54:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	2561.50	2178.28	2166.44	2302.07	9.76	ppb
Manganese	55-2	354.42	304.23	306.04	321.56	8.85	ppb
Molybdenum	94-1	0.50	0.52	0.46	0.49	6.45	ppb
Molybdenum	95-1	0.73	0.61	0.59	0.64	11.63	ppb
Molybdenum	96-1	0.73	0.70	0.66	0.69	5.11	ppb
Molybdenum	97-1	0.84	0.60	0.67	0.70	17.79	ppb
Molybdenum	98-1	0.63	0.77	0.70	0.70	10.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.58	0.51	0.53	8.29	ppb
Phosphorus	31-2	118.70	-41.66	30.51	35.85	224.02	ppb
Potassium	39-2	438.14	290.57	280.54	336.41	26.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	-0.73	-0.01	0.26	-0.16		ppb
Selenium	77-2	0.19	-1.98	1.80	0.00	95692.53	ppb
Selenium	78-2	2.65	1.08	-0.18	1.18	119.44	ppb
Silicon	28-1	791.62	768.43	776.78	778.94	1.51	ppb
Silver	109-1	-0.01	0.01	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.01	0.00	138.17	ppb
Sodium	23-2	5503.60	4566.34	4577.68	4882.54	11.02	ppb
Strontium	86-1	24.65	25.91	24.76	25.11	2.78	ppb
Strontium	88-1	25.46	25.70	25.78	25.65	0.65	ppb
Sulfur	34-1	-1897.82	-2334.62	-2017.64	-2083.36		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.11	0.09	0.08	0.09	17.51	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	5.58	ppb
Tin	118-1	0.01	0.03	0.03	0.02	68.02	ppb
Titanium	47-1	0.31	0.30	0.38	0.33	13.39	ppb
Uranium	238-1	2.11	2.20	2.11	2.14	2.25	ppb
Vanadium	51-2	0.17	0.17	0.15	0.16	6.33	ppb
Yttrium	89-1				101		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01LX5	Instrumnet Name :	P8
Client Sample ID :	OB-7L	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 17:54:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	3.05	2.26	2.03	2.45	21.64	ppb
Zirconium	90-1	-0.02	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	163.80	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01MS	Instrumnet Name :	P8
Client Sample ID :	OB-7MS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:57:13	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10317.95	10365.06	10244.10	10309.04	0.59	ppb
Antimony	121-1	520.95	518.38	528.27	522.53	0.98	ppb
Arsenic	75-2	557.17	560.77	554.63	557.52	0.55	ppb
Barium	135-1	2513.86	2584.89	2495.24	2531.33	1.87	ppb
Barium	137-1	2517.34	2532.96	2496.40	2515.57	0.73	ppb
Beryllium	9-1	520.83	530.22	516.45	522.50	1.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	487.83	576.70	612.12	558.88	11.46	ppb
Boron	11-1	489.61	584.39	614.00	562.67	11.55	ppb
Bromine	81-1						cps
Cadmium	111-1	519.28	523.83	526.72	523.28	0.72	ppb
Cadmium	106-1	519.90	519.76	530.36	523.34	1.16	ppb
Cadmium	108-1	512.04	517.72	527.82	519.19	1.54	ppb
Calcium	43-1	80818.05	79365.17	81189.25	80457.49	1.20	ppb
Calcium	44-1	79788.85	79659.03	80482.88	79976.92	0.55	ppb
Chromium	52-2	540.11	540.46	530.28	536.95	1.08	ppb
Cobalt	59-2	549.37	549.39	542.10	546.95	0.77	ppb
Copper	63-2	1267.93	1270.90	1255.93	1264.92	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				106		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	54-2	26946.04	27063.67	26863.73	26957.81	0.37	ppb
Iron	56-2	26772.76	26652.26	26340.68	26588.56	0.84	ppb
Iron	57-2	26830.14	26933.17	26607.94	26790.42	0.62	ppb
Krypton	83-1						cps
Lead	206-1	523.30	513.01	519.11	518.47	1.00	ppb
Lead	207-1	518.70	519.51	515.62	517.94	0.40	ppb
Lead	208-1	531.12	521.85	526.97	526.65	0.88	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01MS	Instrumnet Name :	P8
Client Sample ID :	OB-7MS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:57:13	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	60879.16	62576.86	61661.15	61705.73	1.38	ppb
Manganese	55-2	2588.86	2569.78	2553.70	2570.78	0.68	ppb
Molybdenum	94-1	2539.19	2496.39	2537.44	2524.34	0.96	ppb
Molybdenum	95-1	2506.17	2456.22	2465.60	2475.99	1.07	ppb
Molybdenum	96-1	2473.12	2457.16	2459.55	2463.28	0.35	ppb
Molybdenum	97-1	2426.75	2449.39	2463.33	2446.49	0.75	ppb
Molybdenum	98-1	2429.34	2410.77	2498.96	2446.36	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	556.25	557.49	548.70	554.15	0.86	ppb
Phosphorus	31-2	234.66	338.81	209.60	261.02	26.25	ppb
Potassium	39-2	28122.06	28211.77	27744.54	28026.12	0.88	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	521.45	522.80	525.49	523.25	0.39	ppb
Selenium	77-2	491.19	529.75	577.27	532.73	8.09	ppb
Selenium	78-2	532.29	524.39	535.44	530.71	1.07	ppb
Silicon	28-1	4578.13	4520.42	4621.00	4573.18	1.10	ppb
Silver	109-1	88.51	88.98	89.64	89.04	0.64	ppb
Silver	107-1	87.98	89.06	89.00	88.68	0.68	ppb
Sodium	23-2	73783.28	74068.66	74223.54	74025.16	0.30	ppb
Strontium	86-1	646.36	643.77	652.27	647.47	0.67	ppb
Strontium	88-1	643.22	646.48	660.73	650.14	1.43	ppb
Sulfur	34-1	5116.89	4250.63	5009.90	4792.47	9.85	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	534.06	517.52	526.62	526.07	1.58	ppb
Thallium	205-1	538.51	517.86	535.27	530.55	2.09	ppb
Tin	118-1	493.88	496.64	500.14	496.89	0.63	ppb
Titanium	47-1	2360.03	2364.82	2338.40	2354.42	0.60	ppb
Uranium	238-1	542.56	544.55	553.14	546.75	1.03	ppb
Vanadium	51-2	547.15	552.73	543.84	547.91	0.82	ppb
Yttrium	89-1				105		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01MS	Instrumnet Name :	P8
Client Sample ID :	OB-7MS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:57:13	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	1026.44	1029.28	1018.03	1024.58	0.57	ppb
Zirconium	90-1	536.89	530.95	539.38	535.74	0.81	ppb
Zirconium	91-1	522.13	524.05	521.91	522.69	0.23	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01MSD	Instrumnet Name :	P8
Client Sample ID :	OB-7MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:00:02	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10173.27	10060.01	10226.10	10153.13	0.84	ppb
Antimony	121-1	524.46	523.25	521.79	523.17	0.26	ppb
Arsenic	75-2	548.94	560.33	549.44	552.90	1.16	ppb
Barium	135-1	2501.32	2537.12	2487.35	2508.60	1.02	ppb
Barium	137-1	2551.17	2501.97	2496.73	2516.62	1.19	ppb
Beryllium	9-1	517.61	507.33	524.91	516.62	1.71	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	562.83	618.75	679.76	620.45	9.43	ppb
Boron	11-1	568.26	617.68	684.31	623.42	9.34	ppb
Bromine	81-1						cps
Cadmium	111-1	523.80	522.17	520.22	522.06	0.34	ppb
Cadmium	106-1	513.08	521.79	534.91	523.26	2.10	ppb
Cadmium	108-1	523.78	527.80	522.93	524.84	0.50	ppb
Calcium	43-1	79992.52	81081.35	79256.43	80110.10	1.15	ppb
Calcium	44-1	80138.26	80896.95	79588.87	80208.03	0.82	ppb
Chromium	52-2	531.04	527.33	530.70	529.69	0.39	ppb
Cobalt	59-2	540.35	533.90	547.85	540.70	1.29	ppb
Copper	63-2	1244.35	1230.82	1258.27	1244.48	1.10	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				110		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	26635.95	26397.98	26795.75	26609.89	0.75	ppb
Iron	56-2	26340.98	25820.13	26472.78	26211.30	1.32	ppb
Iron	57-2	26204.44	25955.78	26330.34	26163.52	0.73	ppb
Krypton	83-1						cps
Lead	206-1	507.64	522.32	509.03	513.00	1.58	ppb
Lead	207-1	511.12	515.14	504.68	510.31	1.03	ppb
Lead	208-1	520.37	528.43	511.78	520.19	1.60	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01MSD	Instrumnet Name :	P8
Client Sample ID :	OB-7MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:00:02	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	61162.42	59905.93	61627.35	60898.57	1.46	ppb
Manganese	55-2	2530.62	2502.21	2550.26	2527.70	0.96	ppb
Molybdenum	94-1	2464.16	2491.12	2441.86	2465.71	1.00	ppb
Molybdenum	95-1	2393.49	2457.92	2409.68	2420.36	1.38	ppb
Molybdenum	96-1	2435.15	2446.00	2392.25	2424.46	1.17	ppb
Molybdenum	97-1	2398.85	2429.77	2423.54	2417.39	0.68	ppb
Molybdenum	98-1	2404.79	2391.27	2393.84	2396.64	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	544.21	550.21	558.59	551.00	1.31	ppb
Phosphorus	31-2	184.31	241.90	206.39	210.87	13.78	ppb
Potassium	39-2	27371.41	27119.82	27564.90	27352.05	0.82	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	514.86	516.61	520.30	517.25	0.54	ppb
Selenium	77-2	588.77	519.18	541.79	549.91	6.46	ppb
Selenium	78-2	529.69	549.25	546.24	541.73	1.94	ppb
Silicon	28-1	4558.53	4602.05	4463.89	4541.49	1.56	ppb
Silver	109-1	84.24	84.52	83.60	84.12	0.56	ppb
Silver	107-1	84.98	84.91	82.89	84.26	1.41	ppb
Sodium	23-2	73941.02	71683.05	73119.82	72914.63	1.57	ppb
Strontium	86-1	646.29	646.34	641.22	644.62	0.46	ppb
Strontium	88-1	649.58	652.07	660.05	653.90	0.84	ppb
Sulfur	34-1	5342.26	6341.94	4264.45	5316.22	19.54	ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	514.34	526.57	523.46	521.45	1.22	ppb
Thallium	205-1	514.56	539.66	519.27	524.49	2.54	ppb
Tin	118-1	495.41	495.15	491.67	494.08	0.42	ppb
Titanium	47-1	2337.81	2360.60	2323.83	2340.75	0.79	ppb
Uranium	238-1	530.72	540.75	535.88	535.78	0.94	ppb
Vanadium	51-2	540.54	533.31	543.26	539.04	0.95	ppb
Yttrium	89-1				106		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01MSD	Instrumnet Name :	P8
Client Sample ID :	OB-7MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:00:02	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	996.73	995.61	1017.86	1003.40	1.25	ppb
Zirconium	90-1	524.02	536.59	519.10	526.57	1.71	ppb
Zirconium	91-1	514.17	518.42	517.83	516.81	0.45	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01A	Instrumnet Name :	P8
Client Sample ID :	OB-7A	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:02:52	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10343.54	10242.11	10247.17	10277.61	0.56	ppb
Antimony	121-1	532.49	540.84	546.44	539.92	1.30	ppb
Arsenic	75-2	560.71	556.56	564.76	560.68	0.73	ppb
Barium	135-1	2549.90	2490.17	2547.97	2529.35	1.34	ppb
Barium	137-1	2589.37	2494.83	2577.10	2553.77	2.01	ppb
Beryllium	9-1	523.73	515.46	531.41	523.53	1.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	585.15	640.37	715.07	646.86	10.08	ppb
Boron	11-1	591.10	643.98	709.78	648.29	9.17	ppb
Bromine	81-1						cps
Cadmium	111-1	527.82	520.20	532.50	526.84	1.18	ppb
Cadmium	106-1	536.19	500.51	535.72	524.14	3.90	ppb
Cadmium	108-1	533.69	516.08	520.48	523.42	1.75	ppb
Calcium	43-1	80972.32	80913.81	80807.76	80897.96	0.10	ppb
Calcium	44-1	81167.18	80503.58	81169.19	80946.65	0.47	ppb
Chromium	52-2	544.41	531.17	535.96	537.18	1.25	ppb
Cobalt	59-2	549.71	541.69	542.27	544.56	0.82	ppb
Copper	63-2	1268.00	1248.45	1251.88	1256.11	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	54-2	27491.16	26627.71	27025.48	27048.12	1.60	ppb
Iron	56-2	26881.60	26268.65	26248.11	26466.12	1.36	ppb
Iron	57-2	26968.51	26573.64	26553.17	26698.44	0.88	ppb
Krypton	83-1						cps
Lead	206-1	518.62	511.88	525.49	518.66	1.31	ppb
Lead	207-1	513.81	508.06	519.44	513.77	1.11	ppb
Lead	208-1	526.25	516.26	533.70	525.40	1.67	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01A	Instrumnet Name :	P8
Client Sample ID :	OB-7A	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:02:52	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	61784.79	61641.94	60859.09	61428.60	0.81	ppb
Manganese	55-2	2561.59	2515.34	2543.59	2540.17	0.92	ppb
Molybdenum	94-1	2517.01	2497.94	2573.26	2529.40	1.55	ppb
Molybdenum	95-1	2481.42	2483.57	2549.96	2504.98	1.56	ppb
Molybdenum	96-1	2467.73	2476.67	2510.53	2484.98	0.91	ppb
Molybdenum	97-1	2451.91	2488.07	2492.70	2477.56	0.90	ppb
Molybdenum	98-1	2461.05	2467.80	2469.89	2466.25	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	557.45	548.08	554.06	553.20	0.86	ppb
Phosphorus	31-2	186.50	204.20	223.25	204.65	8.98	ppb
Potassium	39-2	27662.86	27693.89	27548.00	27634.92	0.28	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	528.48	524.24	525.81	526.18	0.41	ppb
Selenium	77-2	586.63	469.18	502.10	519.31	11.67	ppb
Selenium	78-2	533.45	552.61	565.49	550.51	2.93	ppb
Silicon	28-1	4523.51	4565.32	4545.16	4544.66	0.46	ppb
Silver	109-1	323.02	384.64	357.02	354.90	8.70	ppb
Silver	107-1	363.74	354.51	334.11	350.79	4.32	ppb
Sodium	23-2	73911.19	73435.54	72331.47	73226.07	1.11	ppb
Strontium	86-1	662.74	651.12	664.08	659.31	1.08	ppb
Strontium	88-1	659.49	659.90	656.72	658.70	0.26	ppb
Sulfur	34-1	4479.70	4240.37	4718.02	4479.37	5.33	ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	533.35	520.15	527.94	527.15	1.26	ppb
Thallium	205-1	528.43	514.12	532.81	525.12	1.86	ppb
Tin	118-1	499.02	501.03	508.95	503.00	1.04	ppb
Titanium	47-1	2330.90	2363.54	2340.80	2345.08	0.71	ppb
Uranium	238-1	552.04	537.07	541.54	543.55	1.41	ppb
Vanadium	51-2	547.38	540.98	541.88	543.41	0.64	ppb
Yttrium	89-1				105		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01A	Instrumnet Name :	P8
Client Sample ID :	OB-7A	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:02:52	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	1031.80	1010.26	1023.59	1021.88	1.06	ppb
Zirconium	90-1	540.37	540.32	547.64	542.78	0.78	ppb
Zirconium	91-1	524.73	517.56	532.74	525.01	1.45	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-02	Instrumnet Name :	P8
Client Sample ID :	OB-9	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:05:40	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2354.31	2324.66	2341.80	2340.26	0.64	ppb
Antimony	121-1	0.73	0.71	0.69	0.71	2.47	ppb
Arsenic	75-2	1.25	1.23	1.00	1.16	12.28	ppb
Barium	135-1	48.67	50.18	47.87	48.91	2.41	ppb
Barium	137-1	47.92	50.14	49.35	49.13	2.29	ppb
Beryllium	9-1	0.42	0.45	0.49	0.45	7.64	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	329.71	357.14	373.29	353.38	6.23	ppb
Boron	11-1	331.09	360.87	383.43	358.46	7.32	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.21	-0.11	-0.12		ppb
Cadmium	106-1	-1.22	-4.03	-2.24	-2.50		ppb
Cadmium	108-1	0.02	-0.05	0.16	0.04	263.99	ppb
Calcium	43-1	23888.55	24436.98	24704.68	24343.41	1.71	ppb
Calcium	44-1	24145.82	24772.71	24370.74	24429.76	1.30	ppb
Chromium	52-2	3.94	3.84	3.82	3.87	1.60	ppb
Cobalt	59-2	0.95	0.94	0.85	0.91	6.05	ppb
Copper	63-2	34.37	33.28	33.74	33.80	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	54-2	1842.11	1850.13	1841.91	1844.71	0.25	ppb
Iron	56-2	1900.52	1849.04	1869.81	1873.13	1.38	ppb
Iron	57-2	1890.57	1867.22	1863.42	1873.74	0.78	ppb
Krypton	83-1						cps
Lead	206-1	3.00	2.96	3.09	3.02	2.22	ppb
Lead	207-1	2.81	2.83	2.98	2.87	3.20	ppb
Lead	208-1	2.88	2.88	2.99	2.92	2.15	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-02	Instrumnet Name :	P8
Client Sample ID :	OB-9	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:05:40	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	4620.94	4567.18	4549.54	4579.22	0.81	ppb
Manganese	55-2	135.20	131.15	132.57	132.97	1.55	ppb
Molybdenum	94-1	0.92	1.02	0.86	0.93	8.60	ppb
Molybdenum	95-1	0.44	0.29	0.34	0.36	20.97	ppb
Molybdenum	96-1	0.43	0.37	0.33	0.38	12.12	ppb
Molybdenum	97-1	0.36	0.23	0.31	0.30	22.67	ppb
Molybdenum	98-1	0.39	0.32	0.36	0.36	10.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.44	3.38	3.44	3.42	1.13	ppb
Phosphorus	31-2	87.06	89.69	134.15	103.64	25.53	ppb
Potassium	39-2	1478.24	1401.83	1466.86	1448.98	2.85	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	1.05	1.91	0.81	1.26	46.19	ppb
Selenium	77-2	1.70	8.94	3.49	4.71	80.05	ppb
Selenium	78-2	1.14	1.05	-0.09	0.70	98.53	ppb
Silicon	28-1	6703.45	6951.90	6944.89	6866.75	2.06	ppb
Silver	109-1	0.09	0.10	0.15	0.11	29.16	ppb
Silver	107-1	0.10	0.12	0.10	0.11	13.71	ppb
Sodium	23-2	4918.37	4841.63	4852.09	4870.70	0.85	ppb
Strontium	86-1	53.49	53.89	53.38	53.59	0.51	ppb
Strontium	88-1	54.91	54.56	55.04	54.84	0.45	ppb
Sulfur	34-1	-4030.90	-2489.92	-2702.55	-3074.45		ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	0.49	0.40	0.50	0.46	11.81	ppb
Thallium	205-1	0.52	0.52	0.45	0.50	8.54	ppb
Tin	118-1	0.26	0.17	0.22	0.21	20.67	ppb
Titanium	47-1	51.61	49.69	50.38	50.56	1.92	ppb
Uranium	238-1	0.59	0.63	0.58	0.60	4.42	ppb
Vanadium	51-2	6.48	6.29	6.15	6.31	2.66	ppb
Yttrium	89-1				106		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-02	Instrumnet Name :	P8
Client Sample ID :	OB-9	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:05:40	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	23.15	23.40	23.64	23.40	1.07	ppb
Zirconium	90-1	0.44	0.46	0.52	0.47	8.19	ppb
Zirconium	91-1	0.54	0.45	0.47	0.49	9.50	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:11:03	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46479.83	46485.66	46236.01	46400.50	0.31	ppb
Antimony	121-1	459.60	457.66	466.32	461.19	0.99	ppb
Arsenic	75-2	472.67	464.02	470.63	469.11	0.96	ppb
Barium	135-1	2302.22	2340.65	2350.03	2330.96	1.09	ppb
Barium	137-1	2321.99	2323.19	2390.77	2345.32	1.68	ppb
Beryllium	9-1	518.81	513.32	521.60	517.91	0.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	448.93	476.01	522.04	482.32	7.66	ppb
Boron	11-1	441.63	478.86	529.00	483.16	9.07	ppb
Bromine	81-1						cps
Cadmium	111-1	517.20	524.27	538.07	526.52	2.02	ppb
Cadmium	106-1	502.55	493.94	521.04	505.84	2.74	ppb
Cadmium	108-1	519.90	513.79	538.20	523.96	2.42	ppb
Calcium	43-1	238256.37	230414.19	236557.01	235075.86	1.75	ppb
Calcium	44-1	234899.10	230905.83	234217.71	233340.88	0.92	ppb
Chromium	52-2	470.00	474.10	473.75	472.62	0.48	ppb
Cobalt	59-2	471.76	473.76	473.33	472.95	0.22	ppb
Copper	63-2	4751.18	4697.85	4658.31	4702.45	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	120265.05	118736.59	120783.63	119928.42	0.89	ppb
Iron	56-2	120200.94	119084.74	119974.71	119753.47	0.49	ppb
Iron	57-2	122484.75	121512.00	118987.56	120994.77	1.49	ppb
Krypton	83-1						cps
Lead	206-1	2335.29	2365.91	2357.96	2353.05	0.68	ppb
Lead	207-1	2326.81	2374.14	2357.67	2352.87	1.02	ppb
Lead	208-1	2293.90	2368.42	2337.44	2333.25	1.60	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:11:03	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	240377.31	242294.42	243446.85	242039.52	0.64	ppb
Manganese	55-2	4835.96	4756.02	4802.46	4798.15	0.84	ppb
Molybdenum	94-1	2329.00	2346.03	2330.71	2335.25	0.40	ppb
Molybdenum	95-1	2322.15	2355.70	2316.60	2331.48	0.91	ppb
Molybdenum	96-1	2305.31	2340.75	2315.78	2320.61	0.78	ppb
Molybdenum	97-1	2311.13	2359.98	2346.46	2339.19	1.08	ppb
Molybdenum	98-1	2297.11	2285.41	2278.69	2287.07	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.79	468.52	469.48	469.93	0.36	ppb
Phosphorus	31-2	9833.33	9545.77	9518.81	9632.64	1.81	ppb
Potassium	39-2	120577.24	120146.56	120122.86	120282.22	0.21	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	484.36	484.64	484.00	484.33	0.07	ppb
Selenium	77-2	492.51	514.37	478.24	495.04	3.68	ppb
Selenium	78-2	470.00	487.75	482.45	480.07	1.90	ppb
Silicon	28-1	427.20	435.97	463.57	442.25	4.29	ppb
Silver	109-1	484.38	479.02	493.41	485.60	1.50	ppb
Silver	107-1	483.64	483.33	489.44	485.47	0.71	ppb
Sodium	23-2	243155.83	243610.27	243654.09	243473.40	0.11	ppb
Strontium	86-1	451.89	453.82	457.87	454.53	0.67	ppb
Strontium	88-1	460.62	459.73	459.07	459.81	0.17	ppb
Sulfur	34-1	6572.71	5161.84	6156.79	5963.78	12.16	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	459.63	469.69	467.63	465.65	1.14	ppb
Thallium	205-1	458.88	476.53	469.18	468.20	1.89	ppb
Tin	118-1	457.49	454.88	475.75	462.71	2.46	ppb
Titanium	47-1	2320.36	2276.23	2313.80	2303.46	1.03	ppb
Uranium	238-1	468.20	469.07	468.30	468.52	0.10	ppb
Vanadium	51-2	477.36	479.32	476.73	477.80	0.28	ppb
Yttrium	89-1				101		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:11:03	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	4710.13	4670.99	4685.81	4688.98	0.42	ppb
Zirconium	90-1	468.95	475.36	464.42	469.58	1.17	ppb
Zirconium	91-1	454.24	465.90	456.26	458.80	1.36	ppb

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : CCB54 Instrumnet Name : P8
 Client Sample ID : CCB54 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 18:46:19 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.89	-0.48	1.24	0.88	138.20	ppb
Antimony	121-1	0.01	0.03	0.02	0.02	47.01	ppb
Arsenic	75-2	-0.02	0.04	0.00	0.01	425.83	ppb
Barium	135-1	0.07	0.05	0.02	0.05	54.63	ppb
Barium	137-1	0.05	0.02	0.00	0.02	116.52	ppb
Beryllium	9-1	0.04	0.06	0.06	0.06	19.98	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	4.71	5.21	4.68	4.87	6.16	ppb
Boron	11-1	4.83	4.97	5.10	4.97	2.71	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.28	-0.35	-0.23	-0.29		ppb
Cadmium	106-1	-3.58	-4.82	-3.07	-3.82		ppb
Cadmium	108-1	0.10	0.10	0.18	0.13	34.13	ppb
Calcium	43-1	-11.35	-9.63	-9.79	-10.25		ppb
Calcium	44-1	-14.34	-11.74	-11.67	-12.58		ppb
Chromium	52-2	0.10	0.01	0.05	0.05	86.85	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.04	0.03	0.09	0.05	60.88	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				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	-1.70	-0.74	4.49	0.68	487.83	ppb
Iron	56-2	0.91	0.38	0.68	0.66	40.09	ppb
Iron	57-2	3.60	1.22	-1.99	0.94	297.56	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.11	0.14	0.13	14.94	ppb
Lead	207-1	0.11	0.17	0.12	0.13	25.19	ppb
Lead	208-1	0.14	0.12	0.11	0.12	9.42	ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P8
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:46:19	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	0.86	2.71	5.20	2.92	74.61	ppb
Manganese	55-2	-0.13	-0.07	0.00	-0.07		ppb
Molybdenum	94-1	0.00	0.01	0.00	0.00	689.35	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	4280.71	ppb
Molybdenum	96-1	0.01	0.02	-0.01	0.01	211.30	ppb
Molybdenum	97-1	-0.02	-0.02	0.02	-0.01		ppb
Molybdenum	98-1	0.00	0.02	0.01	0.01	114.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.17	-0.04	-0.19	-0.13		ppb
Phosphorus	31-2	-19.33	-48.39	20.92	-15.60		ppb
Potassium	39-2	11.21	18.96	10.55	13.57	34.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	2.01	0.17	-1.16	0.34	463.92	ppb
Selenium	77-2	-1.98	1.95	-1.98	-0.67		ppb
Selenium	78-2	1.39	1.35	1.96	1.57	21.81	ppb
Silicon	28-1	-29.75	-19.56	-28.96	-26.09		ppb
Silver	109-1	0.02	0.02	0.05	0.03	60.64	ppb
Silver	107-1	0.04	0.02	0.04	0.03	40.28	ppb
Sodium	23-2	29.23	24.75	45.92	33.30	33.50	ppb
Strontium	86-1	-0.07	-0.04	0.00	-0.04		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	49.35	ppb
Sulfur	34-1	-2851.09	-2654.72	-2691.81	-2732.54		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.01	0.02	0.02	25.28	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	48.03	ppb
Tin	118-1	0.00	-0.02	0.04	0.01	500.33	ppb
Titanium	47-1	0.02	0.08	0.26	0.12	103.31	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	293.73	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	173.25	ppb
Yttrium	89-1				99		%

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P8
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:46:19	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	0.31	0.06	0.60	0.33	83.09	ppb
Zirconium	90-1	0.00	-0.02	-0.01	-0.01		ppb
Zirconium	91-1	-0.02	0.00	-0.02	-0.01		ppb

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:10:38	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	394	397	397	396	0.55	cps
Antimony	121-1	0	8	50	19	137.78	cps
Arsenic	75-2	8	5	12	8	42.14	cps
Barium	135-1	25	50	8	28	75.51	cps
Barium	137-1	125	50	33	69	70.32	cps
Beryllium	9-1	90	86	84	87	3.53	cps
Bismuth	209-1	1924109	1932966	1944628	1933901	0.53	cps
Bismuth	209-2	1172931	1183287	1172435	1176218	0.52	cps
Boron	10-1	144	124	106	125	15.25	cps
Boron	11-1	518	608	520	549	9.37	cps
Bromine	81-1	2703	2343	2703	2583	8.06	cps
Cadmium	111-1	1054	939	1154	1049	10.26	cps
Cadmium	106-1	1492	1350	1633	1492	9.50	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	490	456	440	462	5.52	cps
Calcium	44-1	23960	24182	24176	24106	0.53	cps
Chromium	52-2	870	893	907	890	2.09	cps
Cobalt	59-2	117	87	80	94	20.68	cps
Copper	63-2	710	700	653	688	4.40	cps
Dysprosium	156-1	25	33	58	39	44.62	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	25	17	50	31	56.77	cps
Gadolinium	160-2	27	7	10	14	74.18	cps
Holmium	165-1	3353218	3345657	3361448	3353441	0.24	cps
Holmium	165-2	1662815	1644612	1684030	1663819	1.19	cps
Indium	115-1	3254102	3277681	3296489	3276091	0.65	cps
Indium	115-2	528906	531274	536998	532392	0.78	cps
Iron	54-2	506	489	406	467	11.48	cps
Iron	56-2	3462	3428	3523	3471	1.38	cps
Iron	57-2	133	144	161	146	9.55	cps
Krypton	83-1	357	387	380	374	4.21	cps
Lead	206-1	150	194	233	193	21.65	cps
Lead	207-1	178	183	128	163	18.78	cps
Lead	208-1	568	674	735	659	12.84	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:10:38	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1136188	1126641	1104623	1122484	1.44	cps
Magnesium	24-2	525	533	575	544	4.92	cps
Manganese	55-2	233	247	240	240	2.78	cps
Molybdenum	94-1	142	117	100	119	17.56	cps
Molybdenum	95-1	75	25	58	53	48.24	cps
Molybdenum	96-1	83	50	50	61	31.50	cps
Molybdenum	97-1	8	33	33	25	57.74	cps
Molybdenum	98-1	8	25	17	17	50.01	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	207	183	220	203	9.13	cps
Phosphorus	31-2	233	317	233	261	18.43	cps
Potassium	39-2	28813	28871	29013	28899	0.36	cps
Rhodium	103-1	3232660	3296224	3306316	3278400	1.22	cps
Rhodium	103-2	1564246	1538939	1536071	1546419	1.00	cps
Scandium	45-1	2221993	2200577	2258182	2226917	1.31	cps
Scandium	45-2	86717	88873	88976	88189	1.45	cps
Selenium	82-1	41	-35	-5	0	8405.79	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	49	35	36	40	19.54	cps
Silicon	28-1	1062845	1049436	1057104	1056462	0.64	cps
Silver	109-1	67	17	42	42	60.00	cps
Silver	107-1	50	58	67	58	14.29	cps
Sodium	23-2	32645	31451	32787	32295	2.27	cps
Strontium	86-1	642	742	667	683	7.62	cps
Strontium	88-1	217	225	175	206	13.03	cps
Sulfur	34-1	631720	639024	636992	635912	0.59	cps
Terbium	159-1	3530027	3623367	3544208	3565867	1.41	cps
Terbium	159-2	1633823	1655866	1650530	1646740	0.70	cps
Thallium	203-1	25	25	42	31	31.50	cps
Thallium	205-1	25	42	58	42	40.00	cps
Tin	118-1	225	183	142	183	22.73	cps
Titanium	47-1	350	458	267	358	26.82	cps
Uranium	238-1	8	0	42	17	132.30	cps
Vanadium	51-2	27	10	13	17	52.93	cps
Yttrium	89-1	5644124	5671320	5669434	5661626	0.27	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:10:38	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	625349	627335	639399	630694	1.21	cps
Zinc	66-2	103	100	157	120	26.50	cps
Zirconium	90-1	400	233	317	317	26.32	cps
Zirconium	91-1	83	33	117	78	53.93	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:13:49	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	796	801	744	780	4.08	cps
Antimony	121-1	5701	5651	6343	5899	6.54	cps
Arsenic	75-2	142	111	110	121	15.04	cps
Barium	135-1	5793	5876	5926	5865	1.15	cps
Barium	137-1	10463	10538	10279	10427	1.28	cps
Beryllium	9-1	820	892	764	825	7.77	cps
Bismuth	209-1	1914505	1936986	1929889	1927127	0.60	cps
Bismuth	209-2	1188911	1174628	1178014	1180518	0.63	cps
Boron	10-1	1298	1442	1612	1450	10.84	cps
Boron	11-1	6148	6864	7512	6842	9.98	cps
Bromine	81-1	2343	2733	2483	2520	7.85	cps
Cadmium	111-1	1876	1969	1883	1909	2.70	cps
Cadmium	106-1	1542	1525	1375	1481	6.20	cps
Cadmium	108-1	100	88	42	76	40.20	cps
Calcium	43-1	4101	4044	4121	4089	0.98	cps
Calcium	44-1	85312	86427	85087	85608	0.84	cps
Chromium	52-2	2650	2514	2437	2534	4.27	cps
Cobalt	59-2	1597	1653	1613	1621	1.80	cps
Copper	63-2	3387	3654	3590	3544	3.93	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	50	25	50	42	34.64	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	3245445	3280940	3313810	3280065	1.04	cps
Holmium	165-2	1659971	1699158	1688030	1682386	1.20	cps
Indium	115-1	3290372	3279098	3343333	3304267	1.04	cps
Indium	115-2	531259	533765	535457	533494	0.40	cps
Iron	54-2	2222	2428	2272	2308	4.65	cps
Iron	56-2	35088	36140	36113	35780	1.68	cps
Iron	57-2	978	956	950	961	1.53	cps
Krypton	83-1	393	407	407	402	1.91	cps
Lead	206-1	1567	1389	1495	1483	6.03	cps
Lead	207-1	1339	1478	1295	1370	6.98	cps
Lead	208-1	4946	4815	5113	4958	3.02	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:13:49	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1124695	1123183	1124135	1124004	0.07	cps
Magnesium	24-2	29230	29422	29188	29280	0.43	cps
Manganese	55-2	713	700	660	691	4.02	cps
Molybdenum	94-1	5426	5676	5968	5690	4.77	cps
Molybdenum	95-1	7411	6643	6994	7016	5.47	cps
Molybdenum	96-1	7852	7961	7711	7841	1.60	cps
Molybdenum	97-1	4009	3984	4142	4045	2.10	cps
Molybdenum	98-1	10980	11438	11463	11294	2.41	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	563	597	527	562	6.23	cps
Phosphorus	31-2	292	250	267	269	7.78	cps
Potassium	39-2	52713	50865	51593	51724	1.80	cps
Rhodium	103-1	3219641	3271899	3300131	3263890	1.25	cps
Rhodium	103-2	1551549	1557080	1554844	1554491	0.18	cps
Scandium	45-1	2231026	2272614	2222416	2242019	1.20	cps
Scandium	45-2	89144	88423	89148	88905	0.47	cps
Selenium	82-1	234	238	188	220	12.47	cps
Selenium	77-2	13	13	7	11	34.61	cps
Selenium	78-2	71	73	78	74	4.87	cps
Silicon	28-1	1084302	1076867	1090306	1083825	0.62	cps
Silver	109-1	3209	3117	3175	3167	1.47	cps
Silver	107-1	3034	3434	3250	3239	6.18	cps
Sodium	23-2	90472	89752	90320	90181	0.42	cps
Strontium	86-1	1550	1450	1567	1522	4.15	cps
Strontium	88-1	7944	7794	7944	7894	1.10	cps
Sulfur	34-1	642488	641529	645231	643083	0.30	cps
Terbium	159-1	3499597	3521398	3554799	3525265	0.79	cps
Terbium	159-2	1667214	1677545	1671780	1672180	0.31	cps
Thallium	203-1	1750	1433	1925	1703	14.64	cps
Thallium	205-1	4084	4134	3709	3976	5.84	cps
Tin	118-1	10413	10438	10846	10565	2.30	cps
Titanium	47-1	2542	2342	2175	2353	7.80	cps
Uranium	238-1	5018	5076	5051	5048	0.58	cps
Vanadium	51-2	3417	3737	3607	3587	4.49	cps
Yttrium	89-1	5510482	5587669	5657601	5585251	1.32	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:13:49	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	632052	634398	640274	635575	0.67	cps
Zinc	66-2	473	460	430	454	4.88	cps
Zirconium	90-1	4626	4751	4959	4779	3.53	cps
Zirconium	91-1	1175	983	1200	1120	10.59	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:16:58	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21820	21313	22058	21730	1.75	cps
Antimony	121-1	163056	164894	162288	163413	0.82	cps
Arsenic	75-2	6449	6304	6446	6400	1.30	cps
Barium	135-1	165156	165766	162103	164342	1.19	cps
Barium	137-1	283344	282133	283542	283007	0.27	cps
Beryllium	9-1	40319	40593	41035	40649	0.89	cps
Bismuth	209-1	1915326	1931747	1897516	1914863	0.89	cps
Bismuth	209-2	1177821	1092561	1153033	1141138	3.84	cps
Boron	10-1	2846	3252	3644	3247	12.29	cps
Boron	11-1	14306	15673	16928	15636	8.39	cps
Bromine	81-1	2403	3003	2843	2750	11.31	cps
Cadmium	111-1	39209	38518	37934	38554	1.66	cps
Cadmium	106-1	5368	5184	5526	5360	3.19	cps
Cadmium	108-1	2700	2579	2980	2753	7.45	cps
Calcium	43-1	42676	42433	42565	42558	0.29	cps
Calcium	44-1	727779	737659	731898	732446	0.68	cps
Chromium	52-2	49927	49693	49074	49565	0.89	cps
Cobalt	59-2	85632	86225	85364	85740	0.51	cps
Copper	63-2	745403	747677	748651	747244	0.22	cps
Dysprosium	156-1	33	42	42	39	12.38	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	17	58	92	56	67.64	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	3311395	3332139	3317000	3320178	0.32	cps
Holmium	165-2	1688212	1565259	1639953	1631141	3.80	cps
Indium	115-1	3307758	3281876	3369033	3319556	1.35	cps
Indium	115-2	535867	506304	525100	522424	2.86	cps
Iron	54-2	101693	103108	104193	102998	1.22	cps
Iron	56-2	1856966	1897596	1870104	1874889	1.11	cps
Iron	57-2	46777	46258	46320	46452	0.61	cps
Krypton	83-1	330	330	340	333	1.73	cps
Lead	206-1	416833	417071	415363	416422	0.22	cps
Lead	207-1	372256	373811	369962	372010	0.52	cps
Lead	208-1	1335308	1340943	1326897	1334383	0.53	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:16:58	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1102147	1144993	1113464	1120201	1.98	cps
Magnesium	24-2	338696	337551	340163	338803	0.39	cps
Manganese	55-2	228084	234546	235769	232800	1.77	cps
Molybdenum	94-1	319066	321303	321765	320711	0.45	cps
Molybdenum	95-1	390828	394500	395259	393529	0.60	cps
Molybdenum	96-1	433582	437079	434046	434902	0.44	cps
Molybdenum	97-1	240278	239346	241609	240411	0.47	cps
Molybdenum	98-1	621276	612478	617254	617003	0.71	cps
Neodymium	150-1	27	27	27	27	0.00	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	23576	24151	24294	24007	1.58	cps
Phosphorus	31-2	1925	1925	1959	1936	0.99	cps
Potassium	39-2	165180	163635	164000	164271	0.49	cps
Rhodium	103-1	3257849	3249902	3255854	3254535	0.13	cps
Rhodium	103-2	1571817	1480813	1530826	1527819	2.98	cps
Scandium	45-1	2266600	2259917	2274568	2267029	0.32	cps
Scandium	45-2	88024	84883	87394	86767	1.92	cps
Selenium	82-1	2732	2726	2708	2722	0.45	cps
Selenium	77-2	100	77	67	81	21.09	cps
Selenium	78-2	311	350	331	331	5.90	cps
Silicon	28-1	1184404	1173981	1176706	1178364	0.46	cps
Silver	109-1	182313	177070	177584	178989	1.61	cps
Silver	107-1	187824	188002	188553	188126	0.20	cps
Sodium	23-2	683160	693712	686361	687745	0.79	cps
Strontium	86-1	51688	52215	51010	51637	1.17	cps
Strontium	88-1	435263	440785	433869	436639	0.84	cps
Sulfur	34-1	651240	653970	653399	652870	0.22	cps
Terbium	159-1	3530151	3487132	3547461	3521581	0.88	cps
Terbium	159-2	1677903	1540052	1633881	1617279	4.35	cps
Thallium	203-1	97271	98926	95920	97372	1.55	cps
Thallium	205-1	235764	236756	231216	234579	1.26	cps
Tin	118-1	115923	115838	115486	115749	0.20	cps
Titanium	47-1	114103	113986	115716	114601	0.84	cps
Uranium	238-1	276501	273939	270744	273728	1.05	cps
Vanadium	51-2	39458	40106	40136	39900	0.96	cps
Yttrium	89-1	5665178	5710252	5607433	5660955	0.91	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:16:58	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	638940	601116	628077	622711	3.13	cps
Zinc	66-2	87531	87371	88246	87716	0.53	cps
Zirconium	90-1	271328	267649	270990	269989	0.75	cps
Zirconium	91-1	60432	60700	57603	59578	2.88	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 16:20:09 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53949	53943	54928	54273	1.04	cps
Antimony	121-1	408030	409059	407439	408176	0.20	cps
Arsenic	75-2	15632	15878	15905	15805	0.95	cps
Barium	135-1	415681	421884	410627	416064	1.36	cps
Barium	137-1	713089	714520	708038	711882	0.48	cps
Beryllium	9-1	103301	102434	101868	102534	0.70	cps
Bismuth	209-1	1939048	1976220	1969297	1961522	1.01	cps
Bismuth	209-2	1201025	1205699	1114158	1173627	4.39	cps
Boron	10-1	6950	7949	8527	7809	10.21	cps
Boron	11-1	35073	38637	41586	38432	8.49	cps
Bromine	81-1	2713	2503	2663	2626	4.18	cps
Cadmium	111-1	94951	95998	93817	94922	1.15	cps
Cadmium	106-1	10988	11780	10654	11141	5.19	cps
Cadmium	108-1	6935	6956	7077	6989	1.09	cps
Calcium	43-1	105750	104841	104717	105103	0.54	cps
Calcium	44-1	1771501	1763160	1749024	1761228	0.65	cps
Chromium	52-2	121642	122725	124180	122849	1.04	cps
Cobalt	59-2	211396	211297	212506	211733	0.32	cps
Copper	63-2	1854365	1842106	1840097	1845523	0.42	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	7	20	0	9	114.55	cps
Gadolinium	160-1	50	67	58	58	14.29	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	3383690	3376076	3393489	3384419	0.26	cps
Holmium	165-2	1684014	1731272	1637187	1684158	2.79	cps
Indium	115-1	3322808	3353466	3292862	3323045	0.91	cps
Indium	115-2	543424	548370	515627	535807	3.29	cps
Iron	54-2	257652	259031	258527	258403	0.27	cps
Iron	56-2	4561038	4586421	4645826	4597762	0.95	cps
Iron	57-2	112932	114203	114035	113723	0.61	cps
Krypton	83-1	380	317	380	359	10.19	cps
Lead	206-1	1026053	1048208	1027812	1034024	1.19	cps
Lead	207-1	921604	913890	918906	918134	0.43	cps
Lead	208-1	3340981	3403441	3316417	3353613	1.34	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:20:09	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1098433	1169517	1101646	1123199	3.57	cps
Magnesium	24-2	836919	831950	848114	838994	0.99	cps
Manganese	55-2	577054	576869	588780	580901	1.17	cps
Molybdenum	94-1	800709	799704	802136	800850	0.15	cps
Molybdenum	95-1	979777	980360	991135	983757	0.65	cps
Molybdenum	96-1	1081354	1097737	1077240	1085444	1.00	cps
Molybdenum	97-1	608202	611848	609565	609872	0.30	cps
Molybdenum	98-1	1563353	1556308	1565246	1561636	0.30	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	58369	58433	58007	58270	0.39	cps
Phosphorus	31-2	4126	4217	4567	4304	5.42	cps
Potassium	39-2	364176	365399	371850	367141	1.12	cps
Rhodium	103-1	3302143	3370645	3322993	3331927	1.05	cps
Rhodium	103-2	1601207	1566463	1495201	1554290	3.48	cps
Scandium	45-1	2280240	2313504	2299100	2297615	0.73	cps
Scandium	45-2	89486	91043	83568	88032	4.48	cps
Selenium	82-1	6905	6852	6742	6833	1.22	cps
Selenium	77-2	257	123	173	184	36.52	cps
Selenium	78-2	741	789	734	755	3.97	cps
Silicon	28-1	1331852	1384804	1390950	1369202	2.37	cps
Silver	109-1	448463	448658	449295	448805	0.10	cps
Silver	107-1	474889	468948	465343	469727	1.03	cps
Sodium	23-2	1641742	1623354	1663093	1642729	1.21	cps
Strontium	86-1	126350	128378	130187	128305	1.50	cps
Strontium	88-1	1084918	1094790	1083498	1087735	0.57	cps
Sulfur	34-1	672945	671380	673466	672597	0.16	cps
Terbium	159-1	3577201	3662744	3602521	3614155	1.22	cps
Terbium	159-2	1667262	1716636	1612966	1665621	3.11	cps
Thallium	203-1	245166	243079	244767	244337	0.45	cps
Thallium	205-1	583849	596375	581070	587098	1.39	cps
Tin	118-1	289101	286495	285182	286926	0.70	cps
Titanium	47-1	284291	287756	284714	285587	0.66	cps
Uranium	238-1	684267	687445	688151	686621	0.30	cps
Vanadium	51-2	99872	100083	99841	99932	0.13	cps
Yttrium	89-1	5649589	5790518	5772076	5737394	1.34	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:20:09	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	650343	652851	610003	637732	3.77	cps
Zinc	66-2	215916	216001	218211	216709	0.60	cps
Zirconium	90-1	668127	671878	669754	669920	0.28	cps
Zirconium	91-1	151222	149412	149319	149984	0.72	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 16:23:12 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106781	106608	106134	106508	0.31	cps
Antimony	121-1	809278	826489	818163	817977	1.05	cps
Arsenic	75-2	31468	31129	31118	31238	0.64	cps
Barium	135-1	823507	833762	834867	830712	0.75	cps
Barium	137-1	1411173	1429170	1422925	1421089	0.64	cps
Beryllium	9-1	201336	203142	201757	202079	0.47	cps
Bismuth	209-1	1939304	1949607	1948115	1945675	0.29	cps
Bismuth	209-2	1198808	1191057	1201829	1197231	0.46	cps
Boron	10-1	13916	15571	17063	15516	10.14	cps
Boron	11-1	68038	76297	81951	75429	9.28	cps
Bromine	81-1	2783	2863	2603	2750	4.85	cps
Cadmium	111-1	189405	190582	188983	189657	0.44	cps
Cadmium	106-1	21359	20841	20925	21041	1.32	cps
Cadmium	108-1	13123	13494	14011	13543	3.29	cps
Calcium	43-1	206939	210183	209322	208815	0.80	cps
Calcium	44-1	3420222	3472858	3502100	3465060	1.20	cps
Chromium	52-2	241816	238689	239444	239983	0.68	cps
Cobalt	59-2	422483	418245	414397	418375	0.97	cps
Copper	63-2	3689127	3623332	3595953	3636137	1.32	cps
Dysprosium	156-1	50	50	42	47	10.18	cps
Dysprosium	156-2	3	20	13	12	68.66	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	10	17	13	13	25.01	cps
Gadolinium	160-1	67	58	50	58	14.29	cps
Gadolinium	160-2	13	20	20	18	21.66	cps
Holmium	165-1	3356249	3395622	3383479	3378450	0.60	cps
Holmium	165-2	1731558	1748774	1764525	1748286	0.94	cps
Indium	115-1	3251503	3348336	3408644	3336161	2.38	cps
Indium	115-2	545223	547205	549306	547245	0.37	cps
Iron	54-2	511699	505466	505134	507433	0.73	cps
Iron	56-2	9104527	9059743	8886005	9016758	1.28	cps
Iron	57-2	229334	226461	227256	227683	0.65	cps
Krypton	83-1	370	387	363	373	3.22	cps
Lead	206-1	2021813	2071492	2071823	2055043	1.40	cps
Lead	207-1	1870952	1835705	1860081	1855579	0.97	cps
Lead	208-1	6640761	6679702	6706634	6675699	0.50	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:23:12	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1109125	1131617	1128575	1123105	1.09	cps
Magnesium	24-2	1648186	1648716	1631679	1642860	0.59	cps
Manganese	55-2	1158364	1146834	1135239	1146812	1.01	cps
Molybdenum	94-1	1586014	1593159	1598860	1592677	0.40	cps
Molybdenum	95-1	1926535	1980560	1949979	1952358	1.39	cps
Molybdenum	96-1	2133569	2149653	2135209	2139477	0.41	cps
Molybdenum	97-1	1191649	1211737	1209671	1204352	0.92	cps
Molybdenum	98-1	3034113	3134430	3049772	3072772	1.76	cps
Neodymium	150-1	53	27	40	40	33.33	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	115517	113075	114146	114246	1.07	cps
Phosphorus	31-2	7644	7861	7752	7752	1.40	cps
Potassium	39-2	701449	690036	696518	696001	0.82	cps
Rhodium	103-1	3276704	3315760	3329444	3307303	0.83	cps
Rhodium	103-2	1608865	1589720	1588495	1595693	0.72	cps
Scandium	45-1	2291200	2321294	2383819	2332105	2.03	cps
Scandium	45-2	90382	91019	91224	90875	0.48	cps
Selenium	82-1	13364	13618	13315	13432	1.21	cps
Selenium	77-2	437	403	440	427	4.75	cps
Selenium	78-2	1477	1470	1487	1478	0.58	cps
Silicon	28-1	1639708	1709464	1722716	1690629	2.64	cps
Silver	109-1	884859	904770	888291	892640	1.19	cps
Silver	107-1	947137	940819	959430	949128	1.00	cps
Sodium	23-2	3209056	3188965	3198206	3198742	0.31	cps
Strontium	86-1	252600	259180	258742	256841	1.43	cps
Strontium	88-1	2162333	2159127	2164240	2161900	0.12	cps
Sulfur	34-1	705531	707785	713601	708972	0.59	cps
Terbium	159-1	3577572	3591452	3663080	3610702	1.27	cps
Terbium	159-2	1712654	1713108	1725933	1717232	0.44	cps
Thallium	203-1	479748	492323	485958	486010	1.29	cps
Thallium	205-1	1147517	1156227	1163790	1155844	0.70	cps
Tin	118-1	577351	574610	575898	575953	0.24	cps
Titanium	47-1	563392	570989	572833	569071	0.88	cps
Uranium	238-1	1359793	1353329	1369933	1361018	0.61	cps
Vanadium	51-2	198571	196891	198357	197940	0.46	cps
Yttrium	89-1	5716797	5833738	5812845	5787793	1.08	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:23:12	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	652248	650470	655591	652770	0.40	cps
Zinc	66-2	430276	426739	422886	426634	0.87	cps
Zirconium	90-1	1334235	1353287	1346183	1344568	0.72	cps
Zirconium	91-1	300175	298493	294991	297886	0.89	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 16:26:12 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	212261	213506	213947	213238	0.41	cps
Antimony	121-1	1596704	1622881	1649040	1622875	1.61	cps
Arsenic	75-2	62718	62903	63234	62952	0.41	cps
Barium	135-1	1610469	1622740	1628110	1620440	0.56	cps
Barium	137-1	2834184	2836865	2871386	2847479	0.73	cps
Beryllium	9-1	397455	401834	405513	401601	1.00	cps
Bismuth	209-1	1916219	1925285	1933083	1924862	0.44	cps
Bismuth	209-2	1161192	1159738	1183281	1168070	1.13	cps
Boron	10-1	27586	31545	32862	30665	8.95	cps
Boron	11-1	136966	154278	164786	152010	9.24	cps
Bromine	81-1	2583	2673	2853	2703	5.09	cps
Cadmium	111-1	373289	374713	378964	375656	0.79	cps
Cadmium	106-1	40518	41087	41279	40961	0.97	cps
Cadmium	108-1	26830	27770	27891	27497	2.11	cps
Calcium	43-1	412970	420761	420946	418226	1.09	cps
Calcium	44-1	6883781	6786960	6856660	6842467	0.73	cps
Chromium	52-2	479709	479835	482502	480682	0.33	cps
Cobalt	59-2	840248	839367	844552	841389	0.33	cps
Copper	63-2	7152770	7287757	7196007	7212178	0.96	cps
Dysprosium	156-1	42	92	83	72	37.09	cps
Dysprosium	156-2	47	10	13	23	86.91	cps
Erbium	164-1	25	67	25	39	61.86	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	58	67	75	67	12.50	cps
Gadolinium	160-2	23	37	17	26	39.85	cps
Holmium	165-1	3373397	3290387	3427522	3363769	2.05	cps
Holmium	165-2	1686429	1711059	1702820	1700102	0.74	cps
Indium	115-1	3229215	3266848	3297118	3264394	1.04	cps
Indium	115-2	530732	531430	536292	532818	0.57	cps
Iron	54-2	1017741	1019852	1025034	1020875	0.37	cps
Iron	56-2	18052597	18092332	18213532	18119487	0.46	cps
Iron	57-2	450267	452938	457953	453720	0.86	cps
Krypton	83-1	370	320	397	362	10.75	cps
Lead	206-1	4150108	4195129	4195400	4180212	0.62	cps
Lead	207-1	3736234	3770606	3754122	3753654	0.46	cps
Lead	208-1	13151029	13382394	13356738	13296720	0.95	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:26:12	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1108334	1079395	1134398	1107376	2.48	cps
Magnesium	24-2	3235061	3218651	3288631	3247448	1.13	cps
Manganese	55-2	2292599	2343917	2301124	2312547	1.19	cps
Molybdenum	94-1	3170658	3154912	3167521	3164364	0.26	cps
Molybdenum	95-1	3905047	3833031	3959040	3899040	1.62	cps
Molybdenum	96-1	4227390	4263197	4292445	4261011	0.76	cps
Molybdenum	97-1	2431291	2401695	2449620	2427535	1.00	cps
Molybdenum	98-1	6008410	6085975	6099465	6064617	0.81	cps
Neodymium	150-1	107	87	120	104	16.06	cps
Neodymium	150-2	7	43	10	20	101.36	cps
Nickel	60-2	227442	230475	231824	229914	0.98	cps
Phosphorus	31-2	15550	15617	15859	15675	1.04	cps
Potassium	39-2	1354298	1330484	1353165	1345982	1.00	cps
Rhodium	103-1	3270984	3202216	3325437	3266213	1.89	cps
Rhodium	103-2	1539671	1532250	1571925	1547949	1.36	cps
Scandium	45-1	2224808	2249080	2293811	2255899	1.55	cps
Scandium	45-2	88400	89077	90637	89371	1.28	cps
Selenium	82-1	26772	26670	27254	26899	1.16	cps
Selenium	77-2	820	860	863	848	2.84	cps
Selenium	78-2	2868	2924	2863	2885	1.17	cps
Silicon	28-1	2152623	2242727	2310640	2235330	3.55	cps
Silver	109-1	1779372	1767939	1742459	1763257	1.07	cps
Silver	107-1	1873023	1887405	1900336	1886921	0.72	cps
Sodium	23-2	6327398	6369109	6445753	6380753	0.94	cps
Strontium	86-1	509679	510015	515039	511578	0.59	cps
Strontium	88-1	4268824	4291086	4295248	4285053	0.33	cps
Sulfur	34-1	779750	781254	775736	778913	0.37	cps
Terbium	159-1	3546347	3498519	3624198	3556355	1.78	cps
Terbium	159-2	1670946	1682532	1653308	1668929	0.88	cps
Thallium	203-1	974354	981448	978947	978250	0.37	cps
Thallium	205-1	2297937	2303139	2315184	2305420	0.38	cps
Tin	118-1	1139334	1154141	1169608	1154361	1.31	cps
Titanium	47-1	1135921	1145266	1150289	1143825	0.64	cps
Uranium	238-1	2723000	2732363	2769280	2741548	0.89	cps
Vanadium	51-2	399009	398764	398509	398761	0.06	cps
Yttrium	89-1	5645124	5636564	5763274	5681654	1.25	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:26:12	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	639736	641574	648340	643217	0.70	cps
Zinc	66-2	842382	845925	849663	845990	0.43	cps
Zirconium	90-1	2601370	2601710	2641546	2614875	0.88	cps
Zirconium	91-1	589090	591278	601272	593880	1.09	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 16:29:10 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425396	424988	423113	424499	0.29	cps
Antimony	121-1	3241437	3234550	3217110	3231032	0.39	cps
Arsenic	75-2	125956	126997	126445	126466	0.41	cps
Barium	135-1	3218121	3237032	3291770	3248974	1.18	cps
Barium	137-1	5608959	5528242	5666726	5601309	1.24	cps
Beryllium	9-1	798802	793948	795567	796106	0.31	cps
Bismuth	209-1	1693758	1853968	1913170	1820299	6.24	cps
Bismuth	209-2	1141091	1179106	1177226	1165808	1.84	cps
Boron	10-1	57452	63861	68171	63161	8.54	cps
Boron	11-1	283765	311665	335352	310261	8.32	cps
Bromine	81-1	2683	2723	2483	2630	4.90	cps
Cadmium	111-1	742579	750667	752224	748490	0.69	cps
Cadmium	106-1	79487	79664	81490	80214	1.38	cps
Cadmium	108-1	53704	55499	54369	54524	1.66	cps
Calcium	43-1	837206	842835	842917	840986	0.39	cps
Calcium	44-1	13734499	13863725	14051880	13883368	1.15	cps
Chromium	52-2	965330	971129	958473	964977	0.66	cps
Cobalt	59-2	1657442	1648162	1663798	1656468	0.47	cps
Copper	63-2	14327154	14248748	14193769	14256557	0.47	cps
Dysprosium	156-1	58	100	58	72	33.31	cps
Dysprosium	156-2	37	17	47	33	45.82	cps
Erbium	164-1	8	42	67	39	75.26	cps
Erbium	164-2	10	20	27	19	44.42	cps
Gadolinium	160-1	133	108	108	117	12.37	cps
Gadolinium	160-2	27	47	30	34	31.11	cps
Holmium	165-1	3008257	3258910	3274067	3180411	4.69	cps
Holmium	165-2	1665252	1745145	1703859	1704752	2.34	cps
Indium	115-1	2909297	3178094	3272490	3119960	6.04	cps
Indium	115-2	521773	537231	533195	530733	1.51	cps
Iron	54-2	2081498	2068950	2069217	2073222	0.35	cps
Iron	56-2	36686049	36200361	36185027	36357146	0.78	cps
Iron	57-2	914388	905078	903379	907615	0.65	cps
Krypton	83-1	383	447	393	408	8.35	cps
Lead	206-1	8130609	8197085	8168252	8165315	0.41	cps
Lead	207-1	7383129	7408440	7432076	7407882	0.33	cps
Lead	208-1	26327911	26618299	26362110	26436107	0.60	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 16:29:10 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1014430	1092940	1129463	1078944	5.45	cps
Magnesium	24-2	6418913	6343451	6396271	6386211	0.61	cps
Manganese	55-2	4623883	4561972	4541186	4575681	0.94	cps
Molybdenum	94-1	6264031	6345456	6313698	6307728	0.65	cps
Molybdenum	95-1	7613504	7703906	7814333	7710581	1.30	cps
Molybdenum	96-1	8405887	8668012	8485305	8519735	1.58	cps
Molybdenum	97-1	4782463	4885167	4832428	4833352	1.06	cps
Molybdenum	98-1	12296033	12173154	12324754	12264647	0.66	cps
Neodymium	150-1	153	173	140	156	10.79	cps
Neodymium	150-2	23	7	30	20	60.08	cps
Nickel	60-2	458251	454409	450593	454418	0.84	cps
Phosphorus	31-2	30708	30207	30741	30552	0.98	cps
Potassium	39-2	2667941	2690856	2653805	2670867	0.70	cps
Rhodium	103-1	2965453	3121843	3188716	3092004	3.71	cps
Rhodium	103-2	1483985	1565503	1558499	1535996	2.94	cps
Scandium	45-1	2039939	2189903	2274814	2168219	5.49	cps
Scandium	45-2	88691	89996	90966	89884	1.27	cps
Selenium	82-1	53822	53766	54108	53898	0.34	cps
Selenium	77-2	1830	1690	1663	1728	5.18	cps
Selenium	78-2	5670	5763	5674	5702	0.92	cps
Silicon	28-1	3227067	3371559	3449558	3349394	3.37	cps
Silver	109-1	3441186	3481027	3515293	3479169	1.07	cps
Silver	107-1	3667530	3768399	3694524	3710151	1.41	cps
Sodium	23-2	12770176	12790442	12705129	12755249	0.35	cps
Strontium	86-1	1027426	1027820	1031667	1028971	0.23	cps
Strontium	88-1	8586544	8599756	8550279	8578860	0.30	cps
Sulfur	34-1	921746	926831	922672	923750	0.29	cps
Terbium	159-1	3275397	3468319	3629768	3457828	5.13	cps
Terbium	159-2	1656111	1738171	1706561	1700281	2.43	cps
Thallium	203-1	1907778	1930171	1944984	1927645	0.97	cps
Thallium	205-1	4535046	4568547	4610087	4571227	0.82	cps
Tin	118-1	2249277	2298479	2289280	2279012	1.15	cps
Titanium	47-1	2225155	2266172	2288598	2259975	1.42	cps
Uranium	238-1	5426945	5584362	5361536	5457615	2.10	cps
Vanadium	51-2	803351	804123	796801	801425	0.50	cps
Yttrium	89-1	5100658	5572386	5637805	5436950	5.39	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:29:10	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	631220	652138	647957	643772	1.72	cps
Zinc	66-2	1683389	1682960	1672216	1679522	0.38	cps
Zirconium	90-1	5164867	5233394	5202323	5200194	0.66	cps
Zirconium	91-1	1194416	1208212	1213589	1205406	0.82	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 16:32:11 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2090844	2020792	2041917	2051184	1.75	cps
Antimony	121-1	2684	3109	3342	3045	10.97	cps
Arsenic	75-2	55	55	63	58	8.01	cps
Barium	135-1	5826	5985	6043	5951	1.88	cps
Barium	137-1	10254	10529	10054	10279	2.32	cps
Beryllium	9-1	494	440	446	460	6.43	cps
Bismuth	209-1	1800720	1848564	1854361	1834548	1.60	cps
Bismuth	209-2	1146739	1145817	1151199	1147919	0.25	cps
Boron	10-1	10860	9889	9181	9977	8.45	cps
Boron	11-1	52173	47834	43967	47991	8.56	cps
Bromine	81-1	2803	2833	2903	2847	1.81	cps
Cadmium	111-1	1264	1323	1350	1312	3.33	cps
Cadmium	106-1	1392	1567	1558	1506	6.56	cps
Cadmium	108-1	50	58	71	60	17.56	cps
Calcium	43-1	4174271	4130184	4128950	4144469	0.62	cps
Calcium	44-1	69171346	68114735	67851461	68379180	1.02	cps
Chromium	52-2	4421	4177	4364	4321	2.95	cps
Cobalt	59-2	2937	2724	3040	2900	5.57	cps
Copper	63-2	8780	8438	8310	8510	2.86	cps
Dysprosium	156-1	258	258	217	244	9.84	cps
Dysprosium	156-2	113	103	120	112	7.47	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	20	3	23	16	68.90	cps
Gadolinium	160-1	242	192	175	203	17.11	cps
Gadolinium	160-2	87	100	120	102	16.41	cps
Holmium	165-1	3363704	3404275	3337127	3368369	1.00	cps
Holmium	165-2	1764881	1750945	1738035	1751287	0.77	cps
Indium	115-1	3248779	3322536	3174023	3248446	2.29	cps
Indium	115-2	543060	535481	538677	539072	0.71	cps
Iron	54-2	9523972	9389578	9409098	9440883	0.77	cps
Iron	56-2	170386232	171556809	172076821	171339954	0.51	cps
Iron	57-2	4318713	4214486	4268013	4267071	1.22	cps
Krypton	83-1	383	333	307	341	11.41	cps
Lead	206-1	8859	8647	8742	8749	1.21	cps
Lead	207-1	8542	7914	7725	8060	5.31	cps
Lead	208-1	28989	28943	29074	29002	0.23	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:32:11	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1102920	1114208	1161489	1126205	2.76	cps
Magnesium	24-2	30807882	30293215	30788780	30629959	0.95	cps
Manganese	55-2	3937	4261	4071	4090	3.97	cps
Molybdenum	94-1	1959	1934	1725	1872	6.84	cps
Molybdenum	95-1	1842	2042	1975	1953	5.22	cps
Molybdenum	96-1	3134	2642	2692	2823	9.59	cps
Molybdenum	97-1	1175	1417	1192	1261	10.70	cps
Molybdenum	98-1	3225	3134	3209	3189	1.53	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	1527	1467	1480	1491	2.11	cps
Phosphorus	31-2	283	258	292	278	6.25	cps
Potassium	39-2	12561613	12512109	12491753	12521825	0.29	cps
Rhodium	103-1	3062270	3133282	3112748	3102767	1.18	cps
Rhodium	103-2	1526322	1501284	1498537	1508714	1.01	cps
Scandium	45-1	2316033	2269894	2284545	2290157	1.03	cps
Scandium	45-2	88832	88923	89289	89014	0.27	cps
Selenium	82-1	6	44	92	47	91.51	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	46	39	27	37	25.74	cps
Silicon	28-1	1411866	1468263	1495197	1458442	2.92	cps
Silver	109-1	1742	1633	1608	1661	4.27	cps
Silver	107-1	1967	2092	1825	1961	6.80	cps
Sodium	23-2	60615278	60258543	60302533	60392118	0.32	cps
Strontium	86-1	6026	6010	6018	6018	0.14	cps
Strontium	88-1	48769	48577	49765	49037	1.30	cps
Sulfur	34-1	602107	605431	616574	608037	1.25	cps
Terbium	159-1	3554410	3631572	3613094	3599692	1.12	cps
Terbium	159-2	1742567	1702583	1720041	1721730	1.16	cps
Thallium	203-1	1383	1242	1233	1286	6.55	cps
Thallium	205-1	3159	3309	2867	3112	7.22	cps
Tin	118-1	1017	1008	1142	1056	7.08	cps
Titanium	47-1	708	617	575	633	10.77	cps
Uranium	238-1	708	742	733	728	2.38	cps
Vanadium	51-2	130	130	127	129	1.49	cps
Yttrium	89-1	5699693	5626569	5616251	5647504	0.81	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:32:11	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	647277	645085	648468	646943	0.27	cps
Zinc	66-2	4884	4844	4898	4875	0.57	cps
Zirconium	90-1	1525	1533	1542	1533	0.54	cps
Zirconium	91-1	333	325	317	325	2.56	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 16:41:50 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11022	10989	10678	10896	1.74	cps
Antimony	121-1	610693	630154	636338	625729	2.14	cps
Arsenic	75-2	24860	25211	25035	25035	0.70	cps
Barium	135-1	64286	65324	67401	65670	2.42	cps
Barium	137-1	110676	113172	112348	112065	1.13	cps
Beryllium	9-1	76940	78548	79736	78408	1.79	cps
Bismuth	209-1	1923091	1952489	1967351	1947644	1.16	cps
Bismuth	209-2	1198358	1201324	1208736	1202806	0.44	cps
Boron	10-1	42952	45374	48128	45485	5.69	cps
Boron	11-1	210285	223506	233308	222366	5.20	cps
Bromine	81-1	2783	2323	2843	2650	10.75	cps
Cadmium	111-1	75560	78214	78426	77400	2.06	cps
Cadmium	106-1	13899	14074	14133	14035	0.87	cps
Cadmium	108-1	7819	7823	7435	7693	2.89	cps
Calcium	43-1	17896	17802	18168	17956	1.06	cps
Calcium	44-1	309254	313850	314938	312681	0.96	cps
Chromium	52-2	96389	95895	95690	95991	0.37	cps
Cobalt	59-2	168359	168012	165551	167307	0.92	cps
Copper	63-2	153390	152938	152199	152842	0.39	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	8	25	25	66.68	cps
Erbium	164-2	3	3	17	8	99.04	cps
Gadolinium	160-1	75	42	17	44	65.84	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	3293507	3355474	3447860	3365613	2.31	cps
Holmium	165-2	1725852	1743059	1710382	1726431	0.95	cps
Indium	115-1	3221764	3318835	3368602	3303067	2.26	cps
Indium	115-2	545880	545163	545090	545378	0.08	cps
Iron	54-2	81436	80984	79861	80760	1.00	cps
Iron	56-2	1431128	1426527	1408250	1421968	0.85	cps
Iron	57-2	34871	35723	35494	35363	1.25	cps
Krypton	83-1	357	373	400	377	5.80	cps
Lead	206-1	322803	331290	336423	330172	2.08	cps
Lead	207-1	271096	277609	278849	275851	1.51	cps
Lead	208-1	1018629	1047931	1058510	1041690	1.98	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:41:50	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1138627	1147461	1129411	1138500	0.79	cps
Magnesium	24-2	75027	75496	75420	75314	0.33	cps
Manganese	55-2	49184	50298	50596	50026	1.49	cps
Molybdenum	94-1	3428952	3397069	3443820	3423281	0.70	cps
Molybdenum	95-1	4141987	4122104	4165415	4143168	0.52	cps
Molybdenum	96-1	4519442	4542114	4584291	4548616	0.72	cps
Molybdenum	97-1	2523970	2568277	2575991	2556080	1.10	cps
Molybdenum	98-1	6324292	6454216	6436895	6405134	1.10	cps
Neodymium	150-1	20	27	0	16	89.22	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	45981	46659	46432	46357	0.75	cps
Phosphorus	31-2	333	308	283	308	8.11	cps
Potassium	39-2	133943	134406	131411	133253	1.21	cps
Rhodium	103-1	3270037	3325321	3345090	3313482	1.17	cps
Rhodium	103-2	1610782	1578811	1583322	1590972	1.09	cps
Scandium	45-1	2291364	2255476	2308338	2285060	1.18	cps
Scandium	45-2	90647	90821	89915	90461	0.53	cps
Selenium	82-1	10398	10558	10643	10533	1.18	cps
Selenium	77-2	363	367	333	354	5.18	cps
Selenium	78-2	1134	1197	1186	1173	2.87	cps
Silicon	28-1	2048630	2112800	2188907	2116779	3.32	cps
Silver	109-1	166515	170168	170917	169200	1.39	cps
Silver	107-1	179642	181853	184742	182079	1.40	cps
Sodium	23-2	287283	289903	283923	287036	1.04	cps
Strontium	86-1	574724	576254	579742	576907	0.45	cps
Strontium	88-1	4725580	4810646	4889178	4808468	1.70	cps
Sulfur	34-1	614678	606081	607978	609579	0.74	cps
Terbium	159-1	3500004	3574973	3622023	3565667	1.73	cps
Terbium	159-2	1731484	1715130	1736965	1727860	0.66	cps
Thallium	203-1	386176	397126	406682	396661	2.59	cps
Thallium	205-1	933845	948890	946252	942996	0.85	cps
Tin	118-1	1272637	1294260	1299168	1288688	1.10	cps
Titanium	47-1	1178769	1188803	1200103	1189225	0.90	cps
Uranium	238-1	3071558	3068015	3129183	3089585	1.11	cps
Vanadium	51-2	77106	78085	76188	77126	1.23	cps
Yttrium	89-1	5588378	5747217	5782925	5706173	1.81	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:41:50	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	654655	651766	654281	653567	0.24	cps
Zinc	66-2	34602	33954	33954	34170	1.10	cps
Zirconium	90-1	2957467	2924433	2981397	2954432	0.97	cps
Zirconium	91-1	656013	660235	676205	664151	1.60	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 16:51:53 DataFile Name : 012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	767	820	797	795	3.31	cps
Antimony	121-1	5960	6260	6377	6199	3.47	cps
Arsenic	75-2	125	103	132	120	12.61	cps
Barium	135-1	6310	6302	6185	6266	1.12	cps
Barium	137-1	10438	10654	11046	10713	2.88	cps
Beryllium	9-1	1000	986	958	981	2.18	cps
Bismuth	209-1	1945408	1939780	1910057	1931748	0.98	cps
Bismuth	209-2	1196628	1172748	1182348	1183908	1.01	cps
Boron	10-1	2186	2430	2598	2404	8.62	cps
Boron	11-1	11056	11790	12465	11770	5.99	cps
Bromine	81-1	2673	2523	2503	2566	3.63	cps
Cadmium	111-1	1768	1812	1916	1832	4.14	cps
Cadmium	106-1	1408	1292	1467	1389	6.42	cps
Cadmium	108-1	79	96	75	83	13.23	cps
Calcium	43-1	4173	4478	4188	4279	4.02	cps
Calcium	44-1	88490	89156	88723	88790	0.38	cps
Chromium	52-2	2754	2657	2730	2714	1.86	cps
Cobalt	59-2	1790	1707	1700	1732	2.90	cps
Copper	63-2	4082	4157	3947	4062	2.62	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	42	0	19	107.85	cps
Erbium	164-2	10	20	13	14	35.26	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	10	10	30	17	69.28	cps
Holmium	165-1	3346996	3361589	3363528	3357371	0.27	cps
Holmium	165-2	1742882	1701225	1714694	1719600	1.24	cps
Indium	115-1	3323803	3379617	3320871	3341430	0.99	cps
Indium	115-2	544361	543098	541831	543096	0.23	cps
Iron	54-2	2628	2400	2361	2463	5.85	cps
Iron	56-2	39287	39689	39165	39380	0.70	cps
Iron	57-2	1017	1206	1033	1085	9.64	cps
Krypton	83-1	300	417	303	340	19.53	cps
Lead	206-1	1795	1917	1872	1861	3.32	cps
Lead	207-1	1450	1628	1506	1528	5.95	cps
Lead	208-1	5696	6047	5746	5830	3.26	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:51:53	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1149472	1110017	1121163	1126884	1.80	cps
Magnesium	24-2	32779	32128	31769	32225	1.59	cps
Manganese	55-2	657	780	700	712	8.79	cps
Molybdenum	94-1	5826	5951	6127	5968	2.53	cps
Molybdenum	95-1	7411	7686	8036	7711	4.07	cps
Molybdenum	96-1	8811	8236	8703	8583	3.56	cps
Molybdenum	97-1	4601	4576	4818	4665	2.85	cps
Molybdenum	98-1	11463	12306	12372	12047	4.21	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	613	560	610	594	5.03	cps
Phosphorus	31-2	233	292	350	292	20.00	cps
Potassium	39-2	55097	54721	53266	54361	1.78	cps
Rhodium	103-1	3320599	3318371	3298319	3312429	0.37	cps
Rhodium	103-2	1620919	1576511	1567919	1588449	1.79	cps
Scandium	45-1	2309732	2246347	2250775	2268951	1.56	cps
Scandium	45-2	90083	90546	90321	90317	0.26	cps
Selenium	82-1	330	202	324	285	25.31	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	62	69	66	66	5.35	cps
Silicon	28-1	1050449	1040412	1049923	1046928	0.54	cps
Silver	109-1	3309	3142	3225	3225	2.58	cps
Silver	107-1	3384	3659	3359	3467	4.80	cps
Sodium	23-2	95872	95101	98037	96337	1.58	cps
Strontium	86-1	1575	1542	1525	1547	1.65	cps
Strontium	88-1	8628	8753	8269	8550	2.94	cps
Sulfur	34-1	617324	615630	612987	615314	0.36	cps
Terbium	159-1	3644939	3564028	3572869	3593945	1.23	cps
Terbium	159-2	1724913	1675187	1697252	1699117	1.47	cps
Thallium	203-1	1767	2109	1742	1872	10.94	cps
Thallium	205-1	4718	4676	4534	4643	2.07	cps
Tin	118-1	10521	11355	10921	10932	3.82	cps
Titanium	47-1	2359	2750	2884	2664	10.24	cps
Uranium	238-1	5276	4659	4776	4904	6.68	cps
Vanadium	51-2	4027	3777	3807	3871	3.53	cps
Yttrium	89-1	5757454	5688795	5704320	5716856	0.63	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:51:53	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	641373	648465	642072	643970	0.61	cps
Zinc	66-2	470	430	447	449	4.48	cps
Zirconium	90-1	5310	5335	5368	5337	0.55	cps
Zirconium	91-1	1042	1042	1108	1064	3.62	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 16:59:01 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	407	455	421	428	5.71	cps
Antimony	121-1	108	50	42	67	54.49	cps
Arsenic	75-2	3	4	6	4	35.25	cps
Barium	135-1	25	0	50	25	100.00	cps
Barium	137-1	50	33	83	56	45.83	cps
Beryllium	9-1	146	130	130	135	6.82	cps
Bismuth	209-1	1875721	1914637	1904938	1898432	1.07	cps
Bismuth	209-2	1170086	1163469	1180091	1171216	0.71	cps
Boron	10-1	890	1012	862	921	8.66	cps
Boron	11-1	4496	4420	4196	4370	3.57	cps
Bromine	81-1	2743	2343	2883	2656	10.56	cps
Cadmium	111-1	904	988	860	917	7.11	cps
Cadmium	106-1	1292	1408	1217	1306	7.40	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	434	410	406	417	3.58	cps
Calcium	44-1	23801	23314	23578	23564	1.04	cps
Chromium	52-2	957	973	890	940	4.69	cps
Cobalt	59-2	117	83	77	92	23.24	cps
Copper	63-2	845	857	813	838	2.67	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	42	42	25	36	26.65	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	3299411	3315748	3305191	3306783	0.25	cps
Holmium	165-2	1708592	1701818	1708967	1706459	0.24	cps
Indium	115-1	3346701	3299789	3247774	3298088	1.50	cps
Indium	115-2	538277	537772	543084	539711	0.54	cps
Iron	54-2	461	428	439	443	3.84	cps
Iron	56-2	4084	3823	4101	4002	3.89	cps
Iron	57-2	183	144	167	165	11.84	cps
Krypton	83-1	340	363	317	340	6.86	cps
Lead	206-1	300	294	294	296	1.08	cps
Lead	207-1	217	217	239	224	5.73	cps
Lead	208-1	855	899	941	898	4.76	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 16:59:01 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1116109	1138590	1110391	1121697	1.33	cps
Magnesium	24-2	642	583	483	569	14.06	cps
Manganese	55-2	237	247	240	241	2.11	cps
Molybdenum	94-1	117	108	83	103	16.88	cps
Molybdenum	95-1	67	67	25	53	45.58	cps
Molybdenum	96-1	100	83	100	94	10.18	cps
Molybdenum	97-1	0	17	25	14	91.65	cps
Molybdenum	98-1	100	42	42	61	55.11	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	183	143	159	13.49	cps
Phosphorus	31-2	325	342	233	300	19.44	cps
Potassium	39-2	29781	29714	29865	29787	0.25	cps
Rhodium	103-1	3304670	3339187	3266678	3303512	1.10	cps
Rhodium	103-2	1561437	1557003	1583479	1567306	0.90	cps
Scandium	45-1	2226257	2231764	2244939	2234320	0.43	cps
Scandium	45-2	89567	90439	89332	89779	0.65	cps
Selenium	82-1	46	1	18	22	105.95	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	43	47	42	44	6.01	cps
Silicon	28-1	1057421	1043336	1045828	1048862	0.72	cps
Silver	109-1	8	33	58	33	75.02	cps
Silver	107-1	33	50	33	39	24.75	cps
Sodium	23-2	34433	34842	34491	34589	0.64	cps
Strontium	86-1	625	525	533	561	9.89	cps
Strontium	88-1	275	225	217	239	13.21	cps
Sulfur	34-1	622347	625455	623853	623885	0.25	cps
Terbium	159-1	3502285	3508084	3487008	3499126	0.31	cps
Terbium	159-2	1647339	1645951	1693772	1662354	1.64	cps
Thallium	203-1	67	117	108	97	27.55	cps
Thallium	205-1	158	267	250	225	25.93	cps
Tin	118-1	200	233	267	233	14.29	cps
Titanium	47-1	533	517	475	508	5.91	cps
Uranium	238-1	33	17	50	33	50.00	cps
Vanadium	51-2	23	10	23	19	40.75	cps
Yttrium	89-1	5638837	5682508	5640143	5653829	0.44	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:59:01	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	641341	635362	640388	639030	0.50	cps
Zinc	66-2	123	143	167	144	15.01	cps
Zirconium	90-1	233	333	292	286	17.56	cps
Zirconium	91-1	108	58	75	81	31.60	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:01:52	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1954063	1982672	1999308	1978681	1.16	cps
Antimony	121-1	4126	3667	3717	3837	6.56	cps
Arsenic	75-2	41	46	44	44	5.76	cps
Barium	135-1	842	850	900	864	3.65	cps
Barium	137-1	1425	1542	1433	1467	4.44	cps
Beryllium	9-1	386	376	368	377	2.39	cps
Bismuth	209-1	1907154	1937885	1915711	1920250	0.83	cps
Bismuth	209-2	1085451	1166458	1129775	1127228	3.60	cps
Boron	10-1	864	800	824	829	3.90	cps
Boron	11-1	4140	4176	4206	4174	0.79	cps
Bromine	81-1	2953	3744	3794	3497	13.49	cps
Cadmium	111-1	1207	1334	1371	1304	6.58	cps
Cadmium	106-1	1400	1475	1450	1442	2.65	cps
Cadmium	108-1	563	533	504	533	5.47	cps
Calcium	43-1	786448	799481	810789	798906	1.52	cps
Calcium	44-1	13010270	13247536	13032986	13096931	1.00	cps
Chromium	52-2	18606	19193	19423	19074	2.21	cps
Cobalt	59-2	1853	1853	1907	1871	1.65	cps
Copper	63-2	11727	11876	11754	11786	0.67	cps
Dysprosium	156-1	8	25	42	25	66.68	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	17	17	20	18	10.81	cps
Gadolinium	160-1	50	25	67	47	44.41	cps
Gadolinium	160-2	3	30	7	13	108.98	cps
Holmium	165-1	3398530	3403764	3440053	3414115	0.66	cps
Holmium	165-2	1614745	1711157	1704144	1676682	3.21	cps
Indium	115-1	3291821	3327299	3330845	3316655	0.65	cps
Indium	115-2	505121	543366	529160	525882	3.68	cps
Iron	54-2	3800591	3792981	3851273	3814949	0.83	cps
Iron	56-2	70135039	69221360	69670872	69675757	0.66	cps
Iron	57-2	1770282	1763725	1755612	1763206	0.42	cps
Krypton	83-1	390	383	323	366	10.04	cps
Lead	206-1	7230	7847	7914	7663	4.92	cps
Lead	207-1	5340	6107	6324	5924	8.73	cps
Lead	208-1	21471	23239	24267	22992	6.15	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 17:01:52 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1147622	1153464	1152036	1151041	0.26	cps
Magnesium	24-2	5956907	5978972	6001541	5979140	0.37	cps
Manganese	55-2	3574	3617	3340	3510	4.24	cps
Molybdenum	94-1	1641077	1686683	1689167	1672309	1.62	cps
Molybdenum	95-1	2882848	2984011	2946892	2937917	1.74	cps
Molybdenum	96-1	3060998	3170515	3136348	3122620	1.79	cps
Molybdenum	97-1	1799148	1826303	1852938	1826130	1.47	cps
Molybdenum	98-1	4482535	4587981	4635037	4568518	1.71	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	2537	2584	2430	2517	3.12	cps
Phosphorus	31-2	145929	148067	146039	146678	0.82	cps
Potassium	39-2	4948478	5031067	5051075	5010207	1.09	cps
Rhodium	103-1	3278333	3240242	3292250	3270275	0.82	cps
Rhodium	103-2	1428549	1577016	1530386	1511983	5.02	cps
Scandium	45-1	2341248	2335139	2366791	2347726	0.72	cps
Scandium	45-2	83875	90107	88628	87537	3.72	cps
Selenium	82-1	-73	-30	32	-24	-223.83	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	39	44	36	40	10.19	cps
Silicon	28-1	1148652	1156120	1180683	1161819	1.44	cps
Silver	109-1	42	92	108	81	43.07	cps
Silver	107-1	75	108	100	94	18.37	cps
Sodium	23-2	12278555	12106145	12292696	12225799	0.85	cps
Strontium	86-1	34217	34527	35881	34875	2.54	cps
Strontium	88-1	285423	295478	294016	291639	1.86	cps
Sulfur	34-1	1689278	1699035	1665963	1684759	1.01	cps
Terbium	159-1	3613006	3607772	3665431	3628737	0.88	cps
Terbium	159-2	1583689	1723047	1653702	1653479	4.21	cps
Thallium	203-1	192	192	208	197	4.88	cps
Thallium	205-1	433	483	642	519	20.94	cps
Tin	118-1	692	750	817	753	8.31	cps
Titanium	47-1	864277	884854	882371	877167	1.28	cps
Uranium	238-1	67	100	117	94	26.96	cps
Vanadium	51-2	117	150	107	124	18.23	cps
Yttrium	89-1	5644221	5830127	5832787	5769045	1.87	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:01:52	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	608074	653965	637170	633069	3.67	cps
Zinc	66-2	1817	1930	2044	1930	5.87	cps
Zirconium	90-1	467	275	308	350	29.26	cps
Zirconium	91-1	125	58	117	100	36.32	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:04:42	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2000408	1972884	1966222	1979838	0.92	cps
Antimony	121-1	65551	70088	65365	67001	3.99	cps
Arsenic	75-2	2618	2573	2578	2589	0.95	cps
Barium	135-1	13615	13983	14333	13977	2.57	cps
Barium	137-1	23538	24006	23763	23769	0.98	cps
Beryllium	9-1	15649	15915	16576	16047	2.97	cps
Bismuth	209-1	1816156	1944817	1911416	1890796	3.53	cps
Bismuth	209-2	1176032	1168736	1175172	1173313	0.34	cps
Boron	10-1	5660	6042	5902	5868	3.29	cps
Boron	11-1	27296	28961	29375	28544	3.86	cps
Bromine	81-1	3704	3624	3834	3721	2.85	cps
Cadmium	111-1	16066	16075	16033	16058	0.14	cps
Cadmium	106-1	3175	3209	3509	3298	5.57	cps
Cadmium	108-1	1575	1583	1800	1653	7.72	cps
Calcium	43-1	784146	793776	797220	791714	0.86	cps
Calcium	44-1	12796657	12878492	13210247	12961799	1.69	cps
Chromium	52-2	38432	37262	37442	37712	1.67	cps
Cobalt	59-2	35237	35013	34569	34939	0.97	cps
Copper	63-2	41329	40533	40974	40945	0.97	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	10	27	20	19	44.42	cps
Gadolinium	160-1	50	42	58	50	16.66	cps
Gadolinium	160-2	20	17	13	17	20.01	cps
Holmium	165-1	3284042	3451685	3359809	3365179	2.49	cps
Holmium	165-2	1740995	1723082	1748218	1737432	0.74	cps
Indium	115-1	3241079	3366947	3377988	3328672	2.28	cps
Indium	115-2	551577	546802	542489	546956	0.83	cps
Iron	54-2	3874119	3873711	3868141	3871991	0.09	cps
Iron	56-2	71350146	68832075	69134674	69772298	1.97	cps
Iron	57-2	1792396	1742841	1749104	1761447	1.53	cps
Krypton	83-1	407	380	367	384	5.30	cps
Lead	206-1	37527	38312	38580	38139	1.43	cps
Lead	207-1	32502	31695	32769	32322	1.73	cps
Lead	208-1	118078	118090	120002	118723	0.93	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:04:42	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1142324	1158806	1166850	1155993	1.08	cps
Magnesium	24-2	6068349	6045326	5904370	6006015	1.48	cps
Manganese	55-2	12572	12175	12202	12317	1.80	cps
Molybdenum	94-1	1825734	1808690	1871403	1835276	1.77	cps
Molybdenum	95-1	2967988	3034033	3034064	3012028	1.27	cps
Molybdenum	96-1	3164524	3219235	3214962	3199573	0.95	cps
Molybdenum	97-1	1873097	1892065	1906817	1890660	0.89	cps
Molybdenum	98-1	4554337	4797862	4700363	4684187	2.62	cps
Neodymium	150-1	47	13	20	27	66.16	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	11665	11188	11318	11390	2.17	cps
Phosphorus	31-2	146307	145053	145483	145614	0.44	cps
Potassium	39-2	4983178	4950913	4956631	4963574	0.35	cps
Rhodium	103-1	3116938	3322993	3315627	3251853	3.59	cps
Rhodium	103-2	1563589	1558162	1575935	1565896	0.58	cps
Scandium	45-1	2209405	2369633	2328961	2302667	3.62	cps
Scandium	45-2	91989	88916	89124	90010	1.91	cps
Selenium	82-1	928	988	1022	979	4.87	cps
Selenium	77-2	27	30	30	29	6.65	cps
Selenium	78-2	168	139	180	162	12.98	cps
Silicon	28-1	1270083	1256269	1274832	1267061	0.76	cps
Silver	109-1	64886	65247	66444	65525	1.24	cps
Silver	107-1	69174	70379	71292	70282	1.51	cps
Sodium	23-2	12410117	12220813	12283957	12304963	0.78	cps
Strontium	86-1	90987	92152	93201	92113	1.20	cps
Strontium	88-1	771288	792812	794077	786059	1.63	cps
Sulfur	34-1	1629648	1654830	1625800	1636759	0.96	cps
Terbium	159-1	3483507	3674997	3614456	3590987	2.73	cps
Terbium	159-2	1713743	1686220	1684141	1694701	0.97	cps
Thallium	203-1	37396	39210	37730	38112	2.53	cps
Thallium	205-1	89592	91447	93151	91397	1.95	cps
Tin	118-1	131370	131066	133783	132073	1.13	cps
Titanium	47-1	885554	904860	903872	898096	1.21	cps
Uranium	238-1	310832	309673	317144	312550	1.29	cps
Vanadium	51-2	16072	15298	15405	15592	2.69	cps
Yttrium	89-1	5476177	5919179	5794758	5730038	3.99	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:04:42	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	659156	657055	649004	655071	0.82	cps
Zinc	66-2	5214	5358	5108	5227	2.40	cps
Zirconium	90-1	299976	316553	311551	309360	2.75	cps
Zirconium	91-1	67220	69582	68862	68555	1.77	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : CCV53 Instrumnet Name : P8
 Client Sample ID : CCV53 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 17:26:15 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	978385	959345	969460	969063	0.98	cps
Antimony	121-1	1591331	1609816	1585942	1595696	0.78	cps
Arsenic	75-2	63490	63288	63239	63339	0.21	cps
Barium	135-1	1612419	1604546	1626193	1614386	0.68	cps
Barium	137-1	2800528	2758119	2824931	2794526	1.21	cps
Beryllium	9-1	439576	447782	443357	443572	0.93	cps
Bismuth	209-1	1940466	1909650	1886806	1912307	1.41	cps
Bismuth	209-2	1196970	1194305	1206248	1199174	0.52	cps
Boron	10-1	28275	32285	34828	31796	10.39	cps
Boron	11-1	140235	159565	170090	156630	9.67	cps
Bromine	81-1	2293	2893	2753	2646	11.88	cps
Cadmium	111-1	420713	423473	428117	424101	0.88	cps
Cadmium	106-1	45200	45216	44639	45018	0.73	cps
Cadmium	108-1	29862	30672	30751	30428	1.62	cps
Calcium	43-1	1908012	1925901	1906791	1913568	0.56	cps
Calcium	44-1	31324995	31653857	32025714	31668189	1.11	cps
Chromium	52-2	487014	480408	484702	484041	0.69	cps
Cobalt	59-2	837781	827413	835501	833565	0.65	cps
Copper	63-2	7100303	7064290	7209698	7124764	1.06	cps
Dysprosium	156-1	83	150	117	117	28.57	cps
Dysprosium	156-2	43	43	47	44	4.34	cps
Erbium	164-1	25	8	0	11	114.58	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	92	158	150	133	27.24	cps
Gadolinium	160-2	87	73	63	74	15.73	cps
Holmium	165-1	3527980	3432844	3421935	3460920	1.69	cps
Holmium	165-2	1838145	1810587	1796689	1815141	1.16	cps
Indium	115-1	3319358	3319968	3268514	3302613	0.89	cps
Indium	115-2	559696	553093	562601	558463	0.87	cps
Iron	54-2	4644657	4618045	4639196	4633966	0.30	cps
Iron	56-2	84625652	82619127	85078866	84107882	1.56	cps
Iron	57-2	2123469	2127229	2128193	2126297	0.12	cps
Krypton	83-1	390	407	373	390	4.27	cps
Lead	206-1	3997696	4023063	4059021	4026593	0.77	cps
Lead	207-1	3609308	3650422	3672089	3643940	0.88	cps
Lead	208-1	12786942	12936729	12964654	12896109	0.74	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:26:15	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1221641	1186579	1203993	1204071	1.46	cps
Magnesium	24-2	15210251	14898567	14988646	15032488	1.07	cps
Manganese	55-2	2332103	2303070	2352240	2329138	1.06	cps
Molybdenum	94-1	3118324	3147526	3157751	3141200	0.65	cps
Molybdenum	95-1	3877791	3823232	3890096	3863706	0.92	cps
Molybdenum	96-1	4222818	4207729	4320731	4250426	1.44	cps
Molybdenum	97-1	2399846	2404882	2406986	2403905	0.15	cps
Molybdenum	98-1	5954674	6026808	6080434	6020639	1.05	cps
Neodymium	150-1	93	80	40	71	39.03	cps
Neodymium	150-2	10	13	3	9	57.30	cps
Nickel	60-2	227561	225032	224616	225736	0.71	cps
Phosphorus	31-2	16535	15217	15876	15876	4.15	cps
Potassium	39-2	6226975	6143008	6188060	6186015	0.68	cps
Rhodium	103-1	3265415	3246094	3227522	3246344	0.58	cps
Rhodium	103-2	1588651	1566486	1586071	1580403	0.77	cps
Scandium	45-1	2374198	2320953	2347739	2347630	1.13	cps
Scandium	45-2	93425	92552	92958	92978	0.47	cps
Selenium	82-1	27862	28165	28324	28117	0.83	cps
Selenium	77-2	910	1043	910	954	8.07	cps
Selenium	78-2	3096	3127	3081	3101	0.76	cps
Silicon	28-1	2152505	2241443	2313737	2235895	3.61	cps
Silver	109-1	1810288	1860145	1820779	1830404	1.44	cps
Silver	107-1	1918868	1945353	1952976	1939065	0.92	cps
Sodium	23-2	30062500	29483339	30155559	29900466	1.22	cps
Strontium	86-1	506491	506546	509227	507421	0.31	cps
Strontium	88-1	4226089	4279116	4302685	4269297	0.92	cps
Sulfur	34-1	755064	752986	765744	757931	0.90	cps
Terbium	159-1	3737713	3576211	3571048	3628324	2.61	cps
Terbium	159-2	1766560	1742124	1812504	1773729	2.01	cps
Thallium	203-1	936206	946561	952416	945061	0.87	cps
Thallium	205-1	2221917	2252276	2244969	2239721	0.71	cps
Tin	118-1	1107700	1138597	1139581	1128626	1.61	cps
Titanium	47-1	1103140	1143892	1136749	1127927	1.93	cps
Uranium	238-1	2651534	2731482	2705707	2696241	1.51	cps
Vanadium	51-2	410256	403688	405587	406510	0.83	cps
Yttrium	89-1	5922741	5897770	5751925	5857479	1.58	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:26:15	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	677235	664450	683984	675223	1.47	cps
Zinc	66-2	842158	833119	839395	838224	0.55	cps
Zirconium	90-1	2632395	2646029	2685540	2654655	1.04	cps
Zirconium	91-1	588161	596037	601703	595300	1.14	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : CCB53 Instrumnet Name : P8
 Client Sample ID : CCB53 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 17:34:04 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	416	389	406	404	3.45	cps
Antimony	121-1	233	317	375	308	23.09	cps
Arsenic	75-2	10	12	6	9	32.73	cps
Barium	135-1	75	25	67	56	48.22	cps
Barium	137-1	100	50	117	89	39.03	cps
Beryllium	9-1	226	252	176	218	17.72	cps
Bismuth	209-1	1985463	1981676	1978598	1981913	0.17	cps
Bismuth	209-2	1204187	1196239	1199878	1200101	0.33	cps
Boron	10-1	1936	1948	1902	1928	1.24	cps
Boron	11-1	9703	9341	9311	9452	2.31	cps
Bromine	81-1	2803	2653	2893	2783	4.36	cps
Cadmium	111-1	950	1044	871	955	9.08	cps
Cadmium	106-1	1350	1458	1225	1345	8.69	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	425	400	385	403	5.01	cps
Calcium	44-1	24260	24415	24374	24350	0.33	cps
Chromium	52-2	967	1003	893	954	5.87	cps
Cobalt	59-2	73	90	83	82	10.20	cps
Copper	63-2	1442	1317	1460	1406	5.55	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	0	0	8	173.21	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	33	17	50	33	50.00	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	3531487	3456549	3380870	3456302	2.18	cps
Holmium	165-2	1731741	1761511	1728360	1740537	1.05	cps
Indium	115-1	3417399	3461423	3414249	3431023	0.77	cps
Indium	115-2	555037	559586	555180	556601	0.46	cps
Iron	54-2	583	478	583	548	11.12	cps
Iron	56-2	5173	5190	5307	5223	1.39	cps
Iron	57-2	256	194	206	219	14.90	cps
Krypton	83-1	400	363	377	380	4.88	cps
Lead	206-1	472	556	478	502	9.28	cps
Lead	207-1	500	456	544	500	8.89	cps
Lead	208-1	1656	1835	1688	1726	5.53	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:34:04	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1199771	1177190	1169400	1182120	1.33	cps
Magnesium	24-2	667	742	858	756	12.78	cps
Manganese	55-2	290	260	260	270	6.41	cps
Molybdenum	94-1	150	183	125	153	19.16	cps
Molybdenum	95-1	92	117	83	97	17.84	cps
Molybdenum	96-1	158	92	133	128	26.36	cps
Molybdenum	97-1	25	42	33	33	25.01	cps
Molybdenum	98-1	125	67	92	94	30.98	cps
Neodymium	150-1	7	27	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	147	113	131	12.79	cps
Phosphorus	31-2	283	283	325	297	8.09	cps
Potassium	39-2	32086	31218	32128	31811	1.62	cps
Rhodium	103-1	3370878	3391295	3409967	3390713	0.58	cps
Rhodium	103-2	1618306	1623016	1593610	1611644	0.98	cps
Scandium	45-1	2336013	2364659	2292362	2331011	1.56	cps
Scandium	45-2	92381	91539	91012	91644	0.75	cps
Selenium	82-1	-68	-35	36	-22	-236.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	44	62	49	23.19	cps
Silicon	28-1	1022958	1034461	1039566	1032328	0.82	cps
Silver	109-1	50	75	75	67	21.65	cps
Silver	107-1	83	83	42	69	34.64	cps
Sodium	23-2	42186	40749	42069	41668	1.92	cps
Strontium	86-1	600	492	658	583	14.50	cps
Strontium	88-1	233	333	242	269	20.59	cps
Sulfur	34-1	605313	614218	611343	610291	0.74	cps
Terbium	159-1	3693280	3691458	3705179	3696639	0.20	cps
Terbium	159-2	1700291	1703040	1708486	1703939	0.24	cps
Thallium	203-1	408	317	358	361	12.71	cps
Thallium	205-1	767	842	708	772	8.66	cps
Tin	118-1	183	275	317	258	26.40	cps
Titanium	47-1	517	500	492	503	2.53	cps
Uranium	238-1	33	8	58	33	75.02	cps
Vanadium	51-2	17	7	20	14	48.02	cps
Yttrium	89-1	5896416	5912440	5871864	5893573	0.35	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:34:04	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	662359	664666	656641	661222	0.62	cps
Zinc	66-2	247	227	230	234	4.57	cps
Zirconium	90-1	300	317	242	286	13.77	cps
Zirconium	91-1	25	17	42	28	45.82	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 17:36:55 DataFile Name : 023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	880	871	835	862	2.77	cps
Antimony	121-1	6077	6177	6402	6218	2.68	cps
Arsenic	75-2	120	132	117	123	6.45	cps
Barium	135-1	6485	6552	6385	6474	1.30	cps
Barium	137-1	10421	11055	10596	10691	3.06	cps
Beryllium	9-1	962	958	976	965	0.98	cps
Bismuth	209-1	1956631	1947750	1931514	1945298	0.65	cps
Bismuth	209-2	1196374	1210897	1189224	1198832	0.92	cps
Boron	10-1	2510	2682	2850	2680	6.34	cps
Boron	11-1	12223	13143	14028	13131	6.87	cps
Bromine	81-1	2513	2603	2663	2593	2.92	cps
Cadmium	111-1	2028	1890	1873	1930	4.40	cps
Cadmium	106-1	1583	1425	1317	1442	9.30	cps
Cadmium	108-1	79	71	75	75	5.56	cps
Calcium	43-1	4410	4285	4308	4334	1.54	cps
Calcium	44-1	89952	89691	89615	89752	0.20	cps
Chromium	52-2	2947	2900	2857	2901	1.55	cps
Cobalt	59-2	1620	1677	1677	1658	1.97	cps
Copper	63-2	4196	4276	4182	4218	1.20	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	58	33	25	39	44.61	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	3399481	3388907	3331134	3373174	1.09	cps
Holmium	165-2	1746027	1725748	1718389	1730055	0.83	cps
Indium	115-1	3410536	3332775	3329764	3357692	1.36	cps
Indium	115-2	553164	561359	548397	554307	1.18	cps
Iron	54-2	2339	2567	2578	2495	5.41	cps
Iron	56-2	41026	41015	40207	40749	1.15	cps
Iron	57-2	1033	1139	1117	1096	5.08	cps
Krypton	83-1	400	367	350	372	6.84	cps
Lead	206-1	1861	1906	1917	1895	1.55	cps
Lead	207-1	1661	1806	1795	1754	4.58	cps
Lead	208-1	5795	6220	6053	6023	3.56	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:36:55	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1149266	1155323	1148872	1151154	0.31	cps
Magnesium	24-2	32470	33406	31209	32361	3.41	cps
Manganese	55-2	690	743	670	701	5.41	cps
Molybdenum	94-1	6477	5760	6077	6104	5.89	cps
Molybdenum	95-1	7502	8261	7761	7841	4.92	cps
Molybdenum	96-1	8603	8595	8178	8458	2.87	cps
Molybdenum	97-1	4476	4576	4501	4518	1.15	cps
Molybdenum	98-1	11997	12014	11480	11830	2.57	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	567	530	567	554	3.82	cps
Phosphorus	31-2	300	275	308	294	5.89	cps
Potassium	39-2	56854	57506	55984	56781	1.35	cps
Rhodium	103-1	3386374	3298685	3299400	3328153	1.52	cps
Rhodium	103-2	1606321	1614531	1600150	1607001	0.45	cps
Scandium	45-1	2288713	2260314	2277452	2275493	0.63	cps
Scandium	45-2	90606	92341	91060	91335	0.98	cps
Selenium	82-1	216	228	293	246	16.86	cps
Selenium	77-2	13	23	20	19	26.96	cps
Selenium	78-2	70	61	71	67	8.18	cps
Silicon	28-1	1036974	1034379	1038595	1036649	0.21	cps
Silver	109-1	3567	3325	3684	3526	5.19	cps
Silver	107-1	3892	3717	3759	3790	2.41	cps
Sodium	23-2	102668	101837	102115	102207	0.41	cps
Strontium	86-1	1567	1558	1608	1578	1.70	cps
Strontium	88-1	8670	8620	8319	8536	2.22	cps
Sulfur	34-1	615401	618566	612595	615521	0.49	cps
Terbium	159-1	3692431	3628088	3564064	3628194	1.77	cps
Terbium	159-2	1705723	1753064	1708650	1722479	1.54	cps
Thallium	203-1	1917	2234	2017	2056	7.88	cps
Thallium	205-1	4801	5076	4934	4937	2.79	cps
Tin	118-1	11313	11889	11005	11402	3.93	cps
Titanium	47-1	2967	2642	2642	2750	6.82	cps
Uranium	238-1	4993	5101	4959	5018	1.48	cps
Vanadium	51-2	3934	3757	3951	3881	2.76	cps
Yttrium	89-1	5791115	5757809	5774639	5774521	0.29	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:36:55	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	658380	657769	645732	653960	1.09	cps
Zinc	66-2	537	467	520	508	7.20	cps
Zirconium	90-1	5451	4884	5293	5209	5.61	cps
Zirconium	91-1	1108	1033	1217	1120	8.23	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	PB132742BL	Instrumnet Name :	P8
Client Sample ID :	PB132742BL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:43:00	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	397	406	381	395	3.21	cps
Antimony	121-1	133	83	67	94	36.73	cps
Arsenic	75-2	10	5	4	6	50.76	cps
Barium	135-1	42	67	58	56	22.91	cps
Barium	137-1	83	100	75	86	14.78	cps
Beryllium	9-1	160	180	180	173	6.66	cps
Bismuth	209-1	1915682	1897515	1934544	1915914	0.97	cps
Bismuth	209-2	1189085	1197935	1195006	1194009	0.38	cps
Boron	10-1	1122	1070	1132	1108	3.00	cps
Boron	11-1	5150	5104	5100	5118	0.54	cps
Bromine	81-1	2793	2603	2383	2593	7.92	cps
Cadmium	111-1	942	906	873	907	3.84	cps
Cadmium	106-1	1358	1283	1225	1289	5.19	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	429	454	409	430	5.24	cps
Calcium	44-1	23785	23869	23707	23787	0.34	cps
Chromium	52-2	810	937	963	903	9.07	cps
Cobalt	59-2	100	93	97	97	3.45	cps
Copper	63-2	948	958	1045	984	5.40	cps
Dysprosium	156-1	58	8	8	25	115.49	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	58	0	25	120.18	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	3407553	3362699	3295128	3355127	1.69	cps
Holmium	165-2	1730004	1752264	1723315	1735194	0.87	cps
Indium	115-1	3396513	3313457	3279443	3329805	1.81	cps
Indium	115-2	550888	553094	551389	551790	0.21	cps
Iron	54-2	544	550	406	500	16.37	cps
Iron	56-2	4429	4495	4601	4508	1.93	cps
Iron	57-2	233	144	167	181	25.49	cps
Krypton	83-1	390	373	393	386	2.78	cps
Lead	206-1	394	472	467	444	9.76	cps
Lead	207-1	389	367	317	357	10.35	cps
Lead	208-1	1350	1353	1476	1393	5.16	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	PB132742BL	Instrumnet Name :	P8
Client Sample ID :	PB132742BL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:43:00	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1163985	1139886	1132989	1145620	1.42	cps
Magnesium	24-2	608	675	742	675	9.88	cps
Manganese	55-2	177	250	290	239	24.06	cps
Molybdenum	94-1	108	117	142	122	14.19	cps
Molybdenum	95-1	67	75	67	69	6.93	cps
Molybdenum	96-1	83	75	100	86	14.78	cps
Molybdenum	97-1	25	33	17	25	33.32	cps
Molybdenum	98-1	17	0	42	19	107.85	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	177	150	149	19.04	cps
Phosphorus	31-2	300	242	342	294	17.06	cps
Potassium	39-2	30984	30341	29948	30424	1.72	cps
Rhodium	103-1	3387803	3286331	3232593	3302243	2.39	cps
Rhodium	103-2	1627588	1627341	1588802	1614577	1.38	cps
Scandium	45-1	2320994	2218918	2228963	2256291	2.49	cps
Scandium	45-2	90596	89822	91207	90542	0.77	cps
Selenium	82-1	-23	-12	-20	-18	-33.11	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	45	40	48	44	9.13	cps
Silicon	28-1	1021699	1028734	1039548	1029994	0.87	cps
Silver	109-1	83	83	50	72	26.65	cps
Silver	107-1	50	75	58	61	20.83	cps
Sodium	23-2	38100	38552	38994	38549	1.16	cps
Strontium	86-1	592	525	608	575	7.67	cps
Strontium	88-1	208	133	258	200	31.46	cps
Sulfur	34-1	613620	616068	621074	616921	0.62	cps
Terbium	159-1	3737536	3562260	3545021	3614939	2.95	cps
Terbium	159-2	1711811	1730207	1707916	1716645	0.69	cps
Thallium	203-1	83	100	142	108	27.73	cps
Thallium	205-1	375	267	250	297	22.84	cps
Tin	118-1	183	217	275	225	20.62	cps
Titanium	47-1	467	408	458	444	7.10	cps
Uranium	238-1	0	8	0	3	173.21	cps
Vanadium	51-2	13	3	7	8	65.47	cps
Yttrium	89-1	5879312	5623683	5533632	5678875	3.16	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	PB132742BL	Instrumnet Name :	P8
Client Sample ID :	PB132742BL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:43:00	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	652020	656200	649386	652535	0.53	cps
Zinc	66-2	123	167	217	169	27.66	cps
Zirconium	90-1	292	325	267	294	9.94	cps
Zirconium	91-1	83	100	92	92	9.09	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : PB132742BS Instrumnet Name : P8
 Client Sample ID : PB132742BS Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 17:45:53 DataFile Name : 025LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213309	214341	212954	213535	0.34	cps
Antimony	121-1	1582482	1623248	1576688	1594139	1.59	cps
Arsenic	75-2	63385	62631	62764	62927	0.64	cps
Barium	135-1	1605095	1642443	1612137	1619892	1.23	cps
Barium	137-1	2739786	2806149	2836069	2794001	1.76	cps
Beryllium	9-1	388025	400076	396905	395002	1.58	cps
Bismuth	209-1	1928146	1945491	1909906	1927848	0.92	cps
Bismuth	209-2	1195694	1190779	1193967	1193480	0.21	cps
Boron	10-1	23031	27536	30163	26910	13.40	cps
Boron	11-1	114263	133650	147101	131671	12.54	cps
Bromine	81-1	2433	2613	2323	2456	5.97	cps
Cadmium	111-1	364718	372885	370456	369353	1.14	cps
Cadmium	106-1	39540	39900	39115	39518	0.99	cps
Cadmium	108-1	26200	26755	27548	26835	2.53	cps
Calcium	43-1	405302	413075	411965	410114	1.03	cps
Calcium	44-1	6622306	6827366	6788729	6746134	1.62	cps
Chromium	52-2	479616	477088	478334	478346	0.26	cps
Cobalt	59-2	837938	832726	831779	834148	0.40	cps
Copper	63-2	7148709	7227160	7215282	7197050	0.59	cps
Dysprosium	156-1	58	50	67	58	14.29	cps
Dysprosium	156-2	20	27	17	21	24.12	cps
Erbium	164-1	17	42	58	39	53.93	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	33	83	42	53	50.76	cps
Gadolinium	160-2	30	23	33	29	17.63	cps
Holmium	165-1	3368480	3485735	3414233	3422816	1.73	cps
Holmium	165-2	1746727	1747863	1754627	1749739	0.24	cps
Indium	115-1	3342570	3355328	3283997	3327298	1.14	cps
Indium	115-2	547618	546524	550417	548186	0.37	cps
Iron	54-2	1013746	1020961	1010512	1015073	0.53	cps
Iron	56-2	18236715	18137859	18094168	18156247	0.40	cps
Iron	57-2	451533	453095	452578	452402	0.18	cps
Krypton	83-1	357	357	373	362	2.66	cps
Lead	206-1	4032764	4166528	4059099	4086130	1.73	cps
Lead	207-1	3737169	3704844	3687638	3709884	0.68	cps
Lead	208-1	12991058	13185196	13023648	13066634	0.80	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	PB132742BS	Instrumnet Name :	P8
Client Sample ID :	PB132742BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:45:53	DataFile Name :	025LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1169865	1164555	1141857	1158759	1.28	cps
Magnesium	24-2	3211165	3246309	3184577	3214017	0.96	cps
Manganese	55-2	2310143	2353970	2287426	2317180	1.46	cps
Molybdenum	94-1	3027067	3147008	3081188	3085088	1.95	cps
Molybdenum	95-1	3741873	3844218	3818474	3801521	1.40	cps
Molybdenum	96-1	4064076	4208785	4206183	4159681	1.99	cps
Molybdenum	97-1	2331743	2415306	2400483	2382511	1.87	cps
Molybdenum	98-1	5867925	5896789	5902948	5889221	0.32	cps
Neodymium	150-1	80	67	113	87	27.74	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	228456	227157	227169	227594	0.33	cps
Phosphorus	31-2	15192	15484	15726	15467	1.73	cps
Potassium	39-2	1341649	1370130	1376290	1362690	1.36	cps
Rhodium	103-1	3254241	3284469	3218378	3252363	1.02	cps
Rhodium	103-2	1574771	1599747	1588698	1587739	0.79	cps
Scandium	45-1	2257526	2313641	2299770	2290312	1.28	cps
Scandium	45-2	92559	92200	92626	92462	0.25	cps
Selenium	82-1	25869	26837	26521	26409	1.87	cps
Selenium	77-2	953	890	793	879	9.17	cps
Selenium	78-2	2886	2806	2806	2832	1.63	cps
Silicon	28-1	2054423	2171882	2297291	2174532	5.59	cps
Silver	109-1	1713013	1746717	1714235	1724655	1.11	cps
Silver	107-1	1805242	1860783	1852087	1839371	1.62	cps
Sodium	23-2	6343546	6389317	6323466	6352110	0.53	cps
Strontium	86-1	494222	509475	504699	502799	1.55	cps
Strontium	88-1	4131134	4264290	4216071	4203831	1.60	cps
Sulfur	34-1	760513	768863	762393	763923	0.57	cps
Terbium	159-1	3637247	3614757	3644373	3632126	0.43	cps
Terbium	159-2	1710275	1751353	1742013	1734547	1.24	cps
Thallium	203-1	949325	979983	960070	963126	1.62	cps
Thallium	205-1	2264297	2277422	2248805	2263508	0.63	cps
Tin	118-1	1118946	1138012	1138632	1131863	0.99	cps
Titanium	47-1	1120049	1135241	1119316	1124869	0.80	cps
Uranium	238-1	2649422	2689497	2680667	2673196	0.79	cps
Vanadium	51-2	395129	398036	397715	396960	0.40	cps
Yttrium	89-1	5692697	5743332	5671320	5702450	0.65	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	PB132742BS	Instrumnet Name :	P8
Client Sample ID :	PB132742BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:45:53	DataFile Name :	025LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	657004	658707	659677	658463	0.21	cps
Zinc	66-2	846459	846804	846220	846494	0.03	cps
Zirconium	90-1	2564857	2631606	2619394	2605286	1.36	cps
Zirconium	91-1	574517	589775	589045	584446	1.47	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01	Instrumnet Name :	P8
Client Sample ID :	OB-7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:48:41	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	802	879	824	835	4.71	cps
Antimony	121-1	1067	1150	1158	1125	4.51	cps
Arsenic	75-2	159	152	162	158	3.25	cps
Barium	135-1	46765	47969	48186	47640	1.61	cps
Barium	137-1	83944	82585	82409	82980	1.01	cps
Beryllium	9-1	298	270	286	285	4.94	cps
Bismuth	209-1	2053084	2045789	2022103	2040325	0.79	cps
Bismuth	209-2	1270186	1250235	1257717	1259379	0.80	cps
Boron	10-1	11160	11598	12447	11735	5.57	cps
Boron	11-1	55463	59132	61270	58622	5.01	cps
Bromine	81-1	16888	20225	23103	20072	15.50	cps
Cadmium	111-1	1037	997	1101	1045	5.03	cps
Cadmium	106-1	1375	1392	1508	1425	5.10	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	276849	281552	281682	280028	0.98	cps
Calcium	44-1	4568067	4644019	4629227	4613771	0.87	cps
Chromium	52-2	1547	1627	1590	1588	2.52	cps
Cobalt	59-2	3417	3287	3427	3377	2.31	cps
Copper	63-2	388796	384152	386978	386642	0.61	cps
Dysprosium	156-1	225	275	267	256	10.48	cps
Dysprosium	156-2	150	143	110	134	15.94	cps
Erbium	164-1	275	225	200	233	16.37	cps
Erbium	164-2	133	133	107	124	12.37	cps
Gadolinium	160-1	383	167	292	281	38.77	cps
Gadolinium	160-2	170	210	180	187	11.15	cps
Holmium	165-1	3524579	3567829	3543701	3545370	0.61	cps
Holmium	165-2	1856867	1841187	1843951	1847335	0.45	cps
Indium	115-1	3484396	3568137	3492549	3515027	1.31	cps
Indium	115-2	584886	578807	582577	582090	0.53	cps
Iron	54-2	16721	16849	16971	16847	0.74	cps
Iron	56-2	310029	305674	303721	306475	1.05	cps
Iron	57-2	7824	7891	7452	7723	3.06	cps
Krypton	83-1	387	330	367	361	7.96	cps
Lead	206-1	889	1078	1067	1011	10.48	cps
Lead	207-1	933	861	772	856	9.43	cps
Lead	208-1	3321	3064	3039	3141	4.98	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01	Instrumnet Name :	P8
Client Sample ID :	OB-7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:48:41	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1233206	1219645	1198298	1217050	1.45	cps
Magnesium	24-2	741969	736818	730474	736420	0.78	cps
Manganese	55-2	771098	762178	767841	767039	0.59	cps
Molybdenum	94-1	3684	3759	3776	3739	1.31	cps
Molybdenum	95-1	6260	6360	5826	6149	4.61	cps
Molybdenum	96-1	6077	6869	6310	6418	6.34	cps
Molybdenum	97-1	3767	3726	3751	3748	0.56	cps
Molybdenum	98-1	9520	9420	9195	9378	1.78	cps
Neodymium	150-1	253	307	273	278	9.70	cps
Neodymium	150-2	83	87	93	88	5.80	cps
Nickel	60-2	1647	1650	1797	1698	5.05	cps
Phosphorus	31-2	600	583	575	586	2.17	cps
Potassium	39-2	109715	107323	109447	108828	1.20	cps
Rhodium	103-1	3451999	3463821	3413558	3443126	0.76	cps
Rhodium	103-2	1692843	1666125	1669379	1676116	0.87	cps
Scandium	45-1	2408665	2433129	2396406	2412733	0.77	cps
Scandium	45-2	95038	96065	93800	94968	1.19	cps
Selenium	82-1	3	58	-49	4	1371.17	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	47	43	40	43	8.10	cps
Silicon	28-1	11863767	12052207	12151446	12022473	1.22	cps
Silver	109-1	150	75	50	92	56.78	cps
Silver	107-1	142	158	100	133	22.54	cps
Sodium	23-2	3032563	3030766	3019343	3027557	0.24	cps
Strontium	86-1	149486	149071	150014	149523	0.32	cps
Strontium	88-1	1274063	1256108	1261579	1263917	0.73	cps
Sulfur	34-1	772347	765401	772612	770120	0.53	cps
Terbium	159-1	3785011	3755589	3743796	3761465	0.56	cps
Terbium	159-2	1802439	1778655	1801278	1794124	0.75	cps
Thallium	203-1	600	650	533	594	9.85	cps
Thallium	205-1	1667	1542	1400	1536	8.69	cps
Tin	118-1	575	425	325	442	28.49	cps
Titanium	47-1	842	750	875	822	7.87	cps
Uranium	238-1	68863	70471	69022	69452	1.28	cps
Vanadium	51-2	583	583	647	604	6.05	cps
Yttrium	89-1	6003378	5998751	6002942	6001690	0.04	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01	Instrumnet Name :	P8
Client Sample ID :	OB-7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:48:41	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	692806	682795	690037	688546	0.75	cps
Zinc	66-2	2447	2337	2590	2458	5.17	cps
Zirconium	90-1	417	417	525	453	13.81	cps
Zirconium	91-1	117	133	142	131	9.75	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01DUP	Instrumnet Name :	P8
Client Sample ID :	OB-7DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:51:31	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	871	866	879	872	0.72	cps
Antimony	121-1	583	525	683	597	13.41	cps
Arsenic	75-2	168	150	166	161	6.11	cps
Barium	135-1	47492	47710	48421	47874	1.01	cps
Barium	137-1	81672	83507	82569	82583	1.11	cps
Beryllium	9-1	218	248	208	225	9.26	cps
Bismuth	209-1	2034299	2021869	2077814	2044661	1.44	cps
Bismuth	209-2	1242847	1250083	1268510	1253813	1.06	cps
Boron	10-1	9243	9949	10924	10039	8.41	cps
Boron	11-1	45814	51299	53751	50288	8.08	cps
Bromine	81-1	22030	26171	27234	25145	10.94	cps
Cadmium	111-1	1175	1090	1098	1121	4.18	cps
Cadmium	106-1	1625	1475	1483	1528	5.52	cps
Cadmium	108-1	13	25	17	18	35.25	cps
Calcium	43-1	280466	280917	278205	279862	0.52	cps
Calcium	44-1	4681264	4656767	4648564	4662198	0.36	cps
Chromium	52-2	1717	1913	1950	1860	6.75	cps
Cobalt	59-2	3217	3477	3560	3418	5.24	cps
Copper	63-2	387542	386298	386497	386779	0.17	cps
Dysprosium	156-1	208	308	233	250	20.82	cps
Dysprosium	156-2	110	153	170	144	21.44	cps
Erbium	164-1	208	267	167	214	23.49	cps
Erbium	164-2	93	90	97	93	3.57	cps
Gadolinium	160-1	408	325	325	353	13.64	cps
Gadolinium	160-2	180	177	130	162	17.23	cps
Holmium	165-1	3485576	3453412	3594776	3511255	2.11	cps
Holmium	165-2	1825122	1812385	1816055	1817854	0.36	cps
Indium	115-1	3452908	3455354	3587486	3498582	2.20	cps
Indium	115-2	577426	577516	587658	580867	1.01	cps
Iron	54-2	17639	16899	17750	17429	2.65	cps
Iron	56-2	312978	306045	309858	309627	1.12	cps
Iron	57-2	7774	7808	8114	7899	2.37	cps
Krypton	83-1	373	383	400	386	3.49	cps
Lead	206-1	967	1078	995	1013	5.71	cps
Lead	207-1	756	706	728	730	3.43	cps
Lead	208-1	2826	2871	3045	2914	3.98	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01DUP	Instrumnet Name :	P8
Client Sample ID :	OB-7DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:51:31	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1205888	1185774	1226031	1205898	1.67	cps
Magnesium	24-2	737422	744983	740454	740953	0.51	cps
Manganese	55-2	769404	767042	767339	767928	0.17	cps
Molybdenum	94-1	3676	3651	3292	3539	6.06	cps
Molybdenum	95-1	6418	6168	6043	6210	3.08	cps
Molybdenum	96-1	6969	6818	6760	6849	1.57	cps
Molybdenum	97-1	3876	3884	3826	3862	0.82	cps
Molybdenum	98-1	10004	10362	9795	10054	2.85	cps
Neodymium	150-1	267	253	307	276	10.07	cps
Neodymium	150-2	70	107	90	89	20.65	cps
Nickel	60-2	1663	1817	1783	1755	4.60	cps
Phosphorus	31-2	567	675	758	667	14.42	cps
Potassium	39-2	131865	128283	128359	129502	1.58	cps
Rhodium	103-1	3436104	3414589	3482592	3444429	1.01	cps
Rhodium	103-2	1654804	1666787	1684872	1668821	0.91	cps
Scandium	45-1	2397459	2409308	2461255	2422674	1.40	cps
Scandium	45-2	95307	95364	95854	95508	0.31	cps
Selenium	82-1	27	-39	-30	-14	-254.35	cps
Selenium	77-2	10	0	17	9	94.38	cps
Selenium	78-2	49	41	50	47	10.58	cps
Silicon	28-1	11951910	12082415	11944559	11992962	0.65	cps
Silver	109-1	42	58	58	53	18.23	cps
Silver	107-1	67	75	150	97	47.21	cps
Sodium	23-2	3140405	3170647	3146705	3152586	0.51	cps
Strontium	86-1	149132	148467	147093	148231	0.70	cps
Strontium	88-1	1254017	1263523	1264195	1260578	0.45	cps
Sulfur	34-1	771813	777607	765521	771647	0.78	cps
Terbium	159-1	3741886	3738438	3813230	3764518	1.12	cps
Terbium	159-2	1832422	1804342	1803028	1813264	0.92	cps
Thallium	203-1	425	383	292	367	18.60	cps
Thallium	205-1	667	800	683	717	10.14	cps
Tin	118-1	375	400	408	394	4.40	cps
Titanium	47-1	733	900	917	850	11.93	cps
Uranium	238-1	68678	67664	67806	68049	0.81	cps
Vanadium	51-2	610	663	643	639	4.22	cps
Yttrium	89-1	5972877	5977439	6145548	6031955	1.63	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01DUP	Instrumnet Name :	P8
Client Sample ID :	OB-7DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:51:31	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	686922	675538	693824	685428	1.35	cps
Zinc	66-2	2780	2650	2637	2689	2.95	cps
Zirconium	90-1	483	417	358	419	14.91	cps
Zirconium	91-1	83	75	92	83	10.00	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01LX5	Instrumnet Name :	P8
Client Sample ID :	OB-7L	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 17:54:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	526	505	487	506	3.83	cps
Antimony	121-1	317	333	267	306	11.35	cps
Arsenic	75-2	38	29	28	32	17.39	cps
Barium	135-1	8620	9028	9137	8928	3.05	cps
Barium	137-1	14600	14817	15843	15087	4.40	cps
Beryllium	9-1	186	182	182	183	1.26	cps
Bismuth	209-1	1974732	1965718	1987014	1975821	0.54	cps
Bismuth	209-2	1056047	1209708	1206845	1157533	7.59	cps
Boron	10-1	3816	3956	3744	3838	2.81	cps
Boron	11-1	18904	18982	18958	18948	0.21	cps
Bromine	81-1	11016	10986	11206	11069	1.08	cps
Cadmium	111-1	1034	830	1050	971	12.59	cps
Cadmium	106-1	1442	1183	1500	1375	12.26	cps
Cadmium	108-1	0	21	13	11	94.37	cps
Calcium	43-1	51350	51964	51988	51767	0.70	cps
Calcium	44-1	875905	882839	887176	881973	0.64	cps
Chromium	52-2	1047	1060	1063	1057	0.83	cps
Cobalt	59-2	673	700	620	664	6.13	cps
Copper	63-2	72372	72127	71994	72164	0.27	cps
Dysprosium	156-1	33	92	125	83	55.68	cps
Dysprosium	156-2	33	43	20	32	36.33	cps
Erbium	164-1	75	33	83	64	41.93	cps
Erbium	164-2	30	27	27	28	6.92	cps
Gadolinium	160-1	67	100	75	81	21.53	cps
Gadolinium	160-2	57	47	47	50	11.55	cps
Holmium	165-1	3405333	3366524	3437885	3403247	1.05	cps
Holmium	165-2	1511935	1746023	1734085	1664014	7.92	cps
Indium	115-1	3349462	3351505	3336649	3345872	0.24	cps
Indium	115-2	484899	558875	556013	533262	7.86	cps
Iron	54-2	3628	3400	3701	3576	4.38	cps
Iron	56-2	59284	60494	58999	59593	1.33	cps
Iron	57-2	1750	1667	1700	1706	2.46	cps
Krypton	83-1	383	353	370	369	4.07	cps
Lead	206-1	611	600	583	598	2.34	cps
Lead	207-1	467	389	472	443	10.53	cps
Lead	208-1	1752	1878	1803	1811	3.49	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01LX5	Instrumnet Name :	P8
Client Sample ID :	OB-7L	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 17:54:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1161050	1151224	1152446	1154907	0.46	cps
Magnesium	24-2	138740	137243	135298	137094	1.26	cps
Manganese	55-2	141917	141655	141240	141604	0.24	cps
Molybdenum	94-1	775	800	725	767	4.98	cps
Molybdenum	95-1	1217	1033	1008	1086	10.47	cps
Molybdenum	96-1	1342	1300	1233	1292	4.23	cps
Molybdenum	97-1	867	625	708	733	16.74	cps
Molybdenum	98-1	1625	1992	1809	1809	10.14	cps
Neodymium	150-1	27	33	60	40	44.09	cps
Neodymium	150-2	37	17	27	27	37.50	cps
Nickel	60-2	377	477	443	432	11.78	cps
Phosphorus	31-2	392	208	317	306	30.16	cps
Potassium	39-2	44954	44703	43800	44486	1.36	cps
Rhodium	103-1	3396549	3324223	3328596	3349789	1.21	cps
Rhodium	103-2	1378705	1603293	1612178	1531392	8.64	cps
Scandium	45-1	2299045	2346537	2326119	2323900	1.03	cps
Scandium	45-2	78277	90999	90198	86491	8.24	cps
Selenium	82-1	-40	0	15	-8	-339.85	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	50	48	41	46	10.21	cps
Silicon	28-1	3018896	3023620	3017886	3020134	0.10	cps
Silver	109-1	17	75	33	42	72.11	cps
Silver	107-1	67	58	100	75	29.40	cps
Sodium	23-2	614232	598132	594255	602206	1.76	cps
Strontium	86-1	26902	28396	27369	27555	2.77	cps
Strontium	88-1	226507	229903	232324	229578	1.27	cps
Sulfur	34-1	629264	635500	634835	633200	0.54	cps
Terbium	159-1	3636575	3587085	3618664	3614108	0.69	cps
Terbium	159-2	1527462	1726022	1755660	1669715	7.43	cps
Thallium	203-1	258	225	192	225	14.82	cps
Thallium	205-1	342	375	358	358	4.65	cps
Tin	118-1	200	267	250	239	14.52	cps
Titanium	47-1	517	525	558	533	4.13	cps
Uranium	238-1	12390	12823	12473	12562	1.83	cps
Vanadium	51-2	133	157	140	143	8.38	cps
Yttrium	89-1	5688296	5719522	5761371	5723063	0.64	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01LX5	Instrumnet Name :	P8
Client Sample ID :	OB-7L	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 17:54:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	576127	657636	661898	631887	7.65	cps
Zinc	66-2	553	510	467	510	8.50	cps
Zirconium	90-1	233	342	325	300	19.44	cps
Zirconium	91-1	75	83	100	86	14.78	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01MS	Instrumnet Name :	P8
Client Sample ID :	OB-7MS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:57:13	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225373	224134	223191	224233	0.49	cps
Antimony	121-1	1805191	1839776	1852921	1832629	1.35	cps
Arsenic	75-2	75226	74628	74107	74654	0.75	cps
Barium	135-1	1750050	1843065	1758296	1783804	2.89	cps
Barium	137-1	3031143	3123794	3042627	3065855	1.65	cps
Beryllium	9-1	457524	463949	459925	460466	0.71	cps
Bismuth	209-1	1945062	2032831	2003093	1993662	2.24	cps
Bismuth	209-2	1248889	1236605	1234240	1239912	0.63	cps
Boron	10-1	33646	39595	42765	38669	11.97	cps
Boron	11-1	166057	197313	210959	191443	12.02	cps
Bromine	81-1	13010	16266	16887	15388	13.54	cps
Cadmium	111-1	417002	430829	428126	425319	1.72	cps
Cadmium	106-1	45384	46471	46830	46228	1.63	cps
Cadmium	108-1	29937	31002	31235	30725	2.25	cps
Calcium	43-1	694599	701293	702672	699521	0.62	cps
Calcium	44-1	11327429	11626897	11505723	11486683	1.31	cps
Chromium	52-2	548380	543244	537038	542887	1.05	cps
Cobalt	59-2	961408	951813	946269	953164	0.80	cps
Copper	63-2	1910106	1895413	1887204	1897574	0.61	cps
Dysprosium	156-1	333	267	292	297	11.33	cps
Dysprosium	156-2	163	137	143	148	9.39	cps
Erbium	164-1	142	300	258	233	35.17	cps
Erbium	164-2	117	130	133	127	6.96	cps
Gadolinium	160-1	408	283	350	347	18.01	cps
Gadolinium	160-2	193	173	197	188	6.72	cps
Holmium	165-1	3506073	3550222	3564304	3540200	0.86	cps
Holmium	165-2	1828982	1859761	1793906	1827550	1.80	cps
Indium	115-1	3387256	3453526	3409036	3416606	0.99	cps
Indium	115-2	572270	567478	568732	569493	0.44	cps
Iron	54-2	1085381	1079205	1079301	1081296	0.33	cps
Iron	56-2	19533998	19251450	19169684	19318378	0.99	cps
Iron	57-2	487667	484639	482393	484900	0.55	cps
Krypton	83-1	330	327	373	343	7.58	cps
Lead	206-1	906424	928700	925994	920373	1.32	cps
Lead	207-1	813190	851221	832484	832298	2.28	cps
Lead	208-1	2969479	3049319	3034192	3017663	1.41	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01MS	Instrumnet Name :	P8
Client Sample ID :	OB-7MS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:57:13	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1193880	1189197	1210315	1197797	0.93	cps
Magnesium	24-2	3967744	4037552	4008431	4004575	0.88	cps
Manganese	55-2	1249920	1228292	1229798	1236003	0.98	cps
Molybdenum	94-1	3452398	3455598	3489174	3465723	0.59	cps
Molybdenum	95-1	4171370	4162185	4150432	4161329	0.25	cps
Molybdenum	96-1	4537668	4589936	4563999	4563867	0.57	cps
Molybdenum	97-1	2526791	2596503	2594001	2572432	1.54	cps
Molybdenum	98-1	6404675	6470698	6663020	6512798	2.06	cps
Neodymium	150-1	273	313	347	311	11.80	cps
Neodymium	150-2	103	110	87	100	12.02	cps
Nickel	60-2	266860	264777	262567	264735	0.81	cps
Phosphorus	31-2	658	817	617	697	15.13	cps
Potassium	39-2	1526570	1516013	1502642	1515075	0.79	cps
Rhodium	103-1	3364576	3455142	3475692	3431803	1.72	cps
Rhodium	103-2	1649186	1649907	1626517	1641870	0.81	cps
Scandium	45-1	2366080	2432582	2382644	2393769	1.45	cps
Scandium	45-2	94504	93559	94263	94109	0.52	cps
Selenium	82-1	30246	30873	30827	30649	1.14	cps
Selenium	77-2	903	960	1050	971	7.62	cps
Selenium	78-2	3271	3177	3256	3234	1.56	cps
Silicon	28-1	12598555	12803932	12794984	12732490	0.91	cps
Silver	109-1	331013	340863	339334	337070	1.57	cps
Silver	107-1	351063	363954	359460	358159	1.83	cps
Sodium	23-2	9512268	9453347	9544365	9503327	0.49	cps
Strontium	86-1	715219	725241	729941	723467	1.04	cps
Strontium	88-1	5942930	6081120	6174042	6066031	1.92	cps
Sulfur	34-1	757119	764496	760737	760784	0.48	cps
Terbium	159-1	3726132	3816343	3771626	3771367	1.20	cps
Terbium	159-2	1826715	1766782	1772599	1788698	1.85	cps
Thallium	203-1	1089860	1103745	1106721	1100109	0.82	cps
Thallium	205-1	2604019	2617155	2665585	2628920	1.23	cps
Tin	118-1	1208535	1244707	1238789	1230677	1.58	cps
Titanium	47-1	1155442	1190328	1152869	1166213	1.79	cps
Uranium	238-1	3128063	3281240	3284196	3231166	2.76	cps
Vanadium	51-2	460815	460856	456853	459508	0.50	cps
Yttrium	89-1	5913004	6019966	5980132	5971034	0.91	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01MS	Instrumnet Name :	P8
Client Sample ID :	OB-7MS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:57:13	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	688336	678479	681204	682673	0.75	cps
Zinc	66-2	182023	180700	180071	180931	0.55	cps
Zirconium	90-1	3014184	3034790	3062553	3037176	0.80	cps
Zirconium	91-1	675228	689967	682604	682599	1.08	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01MSD	Instrumnet Name :	P8
Client Sample ID :	OB-7MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:00:02	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	224349	224151	221634	223378	0.68	cps
Antimony	121-1	1796227	1811820	1832969	1813672	1.02	cps
Arsenic	75-2	73973	74760	73485	74073	0.87	cps
Barium	135-1	1721080	1764930	1755394	1747134	1.32	cps
Barium	137-1	3036159	3010389	3047643	3031397	0.63	cps
Beryllium	9-1	455841	455932	458938	456904	0.39	cps
Bismuth	209-1	1989663	1964335	2017156	1990385	1.33	cps
Bismuth	209-2	1240185	1237241	1234436	1237287	0.23	cps
Boron	10-1	38895	43621	46610	43042	9.04	cps
Boron	11-1	193120	214157	230765	212681	8.87	cps
Bromine	81-1	14623	18060	18070	16918	11.75	cps
Cadmium	111-1	415729	419002	423491	419407	0.93	cps
Cadmium	106-1	44288	45509	47290	45696	3.30	cps
Cadmium	108-1	30267	30834	30993	30698	1.24	cps
Calcium	43-1	689816	695093	701060	695323	0.81	cps
Calcium	44-1	11415102	11455267	11628754	11499708	0.99	cps
Chromium	52-2	544352	546153	534651	541718	1.14	cps
Cobalt	59-2	954691	953058	951293	953014	0.18	cps
Copper	63-2	1892560	1891353	1880819	1888244	0.34	cps
Dysprosium	156-1	217	300	233	250	17.64	cps
Dysprosium	156-2	143	113	150	136	14.41	cps
Erbium	164-1	258	167	275	233	25.00	cps
Erbium	164-2	97	107	97	100	5.77	cps
Gadolinium	160-1	342	283	308	311	9.41	cps
Gadolinium	160-2	197	200	180	192	5.57	cps
Holmium	165-1	3453623	3487356	3518763	3486581	0.93	cps
Holmium	165-2	1843046	1843528	1807165	1831246	1.14	cps
Indium	115-1	3429240	3403645	3445132	3426006	0.61	cps
Indium	115-2	572238	573467	567174	570960	0.58	cps
Iron	54-2	1083180	1084611	1070938	1079576	0.70	cps
Iron	56-2	19403240	19216383	19165000	19261541	0.65	cps
Iron	57-2	480863	481228	474864	478985	0.75	cps
Krypton	83-1	377	350	420	382	9.24	cps
Lead	206-1	899476	913701	914397	909191	0.93	cps
Lead	207-1	819690	815616	820537	818614	0.32	cps
Lead	208-1	2976106	2983726	2967462	2975764	0.27	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01MSD	Instrumnet Name :	P8
Client Sample ID :	OB-7MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:00:02	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1196866	1221361	1188244	1202157	1.43	cps
Magnesium	24-2	4024411	3982519	3985272	3997401	0.59	cps
Manganese	55-2	1233518	1232288	1221714	1229173	0.53	cps
Molybdenum	94-1	3414117	3441420	3389385	3414974	0.76	cps
Molybdenum	95-1	4059620	4156749	4094517	4103629	1.20	cps
Molybdenum	96-1	4552993	4559963	4480923	4531293	0.97	cps
Molybdenum	97-1	2545263	2570556	2576135	2563985	0.64	cps
Molybdenum	98-1	6460581	6405530	6442864	6436325	0.44	cps
Neodymium	150-1	307	207	327	280	22.96	cps
Neodymium	150-2	97	110	103	103	6.45	cps
Nickel	60-2	263591	269251	265896	266246	1.07	cps
Phosphorus	31-2	583	683	608	625	8.33	cps
Potassium	39-2	1500898	1502775	1485300	1496324	0.64	cps
Rhodium	103-1	3440028	3384246	3388286	3404186	0.91	cps
Rhodium	103-2	1639659	1649192	1628819	1639223	0.62	cps
Scandium	45-1	2374020	2360080	2435110	2389737	1.67	cps
Scandium	45-2	95410	96397	93770	95192	1.39	cps
Selenium	82-1	30432	30447	30810	30563	0.70	cps
Selenium	77-2	1080	943	987	1003	6.96	cps
Selenium	78-2	3249	3334	3324	3302	1.41	cps
Silicon	28-1	12591557	12626430	12671418	12629801	0.32	cps
Silver	109-1	311409	315886	316953	314749	0.93	cps
Silver	107-1	335149	338542	335296	336329	0.57	cps
Sodium	23-2	9623902	9427597	9353754	9468417	1.47	cps
Strontium	86-1	728745	726681	724351	726592	0.30	cps
Strontium	88-1	6115917	6121435	6225779	6154377	1.01	cps
Sulfur	34-1	763190	774275	765512	767659	0.76	cps
Terbium	159-1	3682812	3723356	3777337	3727835	1.27	cps
Terbium	159-2	1811257	1777972	1780396	1789875	1.04	cps
Thallium	203-1	1073676	1085206	1107810	1088897	1.59	cps
Thallium	205-1	2545228	2635406	2604019	2594884	1.76	cps
Tin	118-1	1198183	1210742	1219654	1209526	0.89	cps
Titanium	47-1	1148406	1152791	1170917	1157371	1.03	cps
Uranium	238-1	3129954	3148532	3204082	3160856	1.22	cps
Vanadium	51-2	459612	458155	453984	457250	0.64	cps
Yttrium	89-1	6025496	6007940	6036458	6023298	0.24	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01MSD	Instrumnet Name :	P8
Client Sample ID :	OB-7MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:00:02	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	687023	680217	681869	683036	0.52	cps
Zinc	66-2	178452	180095	179100	179216	0.46	cps
Zirconium	90-1	2997937	3060914	2975198	3011350	1.47	cps
Zirconium	91-1	677589	681197	683646	680811	0.45	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : L4511-01A Instrumnet Name : P8
 Client Sample ID : OB-7A Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 18:02:52 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223485	226309	224387	224727	0.64	cps
Antimony	121-1	1812102	1920129	1887268	1873167	2.96	cps
Arsenic	75-2	74664	74300	74600	74521	0.26	cps
Barium	135-1	1743318	1776127	1767943	1762463	0.97	cps
Barium	137-1	3061981	3077789	3092853	3077541	0.50	cps
Beryllium	9-1	459610	465507	465993	463703	0.77	cps
Bismuth	209-1	1964523	2051965	1999860	2005450	2.19	cps
Bismuth	209-2	1242979	1229457	1240555	1237664	0.58	cps
Boron	10-1	40291	45362	49170	44941	9.91	cps
Boron	11-1	200154	224346	240040	221514	9.07	cps
Bromine	81-1	15695	17329	18461	17162	8.10	cps
Cadmium	111-1	416241	427991	426174	423469	1.49	cps
Cadmium	106-1	45918	44824	46563	45768	1.92	cps
Cadmium	108-1	30643	30914	30329	30628	0.96	cps
Calcium	43-1	698328	713412	708976	706905	1.10	cps
Calcium	44-1	11562465	11724340	11762954	11683253	0.91	cps
Chromium	52-2	546755	545558	545521	545945	0.13	cps
Cobalt	59-2	951582	958937	951353	953957	0.45	cps
Copper	63-2	1889532	1902544	1890633	1894236	0.38	cps
Dysprosium	156-1	333	317	292	314	6.68	cps
Dysprosium	156-2	207	170	160	179	13.74	cps
Erbium	164-1	242	208	225	225	7.41	cps
Erbium	164-2	140	107	103	117	17.38	cps
Gadolinium	160-1	358	283	317	319	11.76	cps
Gadolinium	160-2	170	167	217	184	15.16	cps
Holmium	165-1	3471847	3611061	3573962	3552290	2.03	cps
Holmium	165-2	1831810	1811133	1821226	1821390	0.57	cps
Indium	115-1	3327921	3477013	3452855	3419263	2.34	cps
Indium	115-2	568379	565843	567777	567333	0.23	cps
Iron	54-2	1095341	1084980	1091286	1090536	0.48	cps
Iron	56-2	19401087	19388128	19198897	19329371	0.59	cps
Iron	57-2	484875	488597	483834	485769	0.52	cps
Krypton	83-1	437	387	383	402	7.43	cps
Lead	206-1	907301	935372	935855	926176	1.77	cps
Lead	207-1	813580	840291	837299	830390	1.76	cps
Lead	208-1	2971678	3045063	3067993	3028245	1.66	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : L4511-01A Instrumnet Name : P8
 Client Sample ID : OB-7A Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 18:02:52 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1192678	1227354	1191767	1203933	1.69	cps
Magnesium	24-2	3983170	4063955	3976299	4007808	1.22	cps
Manganese	55-2	1223370	1228492	1231120	1227660	0.32	cps
Molybdenum	94-1	3376415	3444714	3506864	3442664	1.90	cps
Molybdenum	95-1	4074886	4192671	4254146	4173901	2.18	cps
Molybdenum	96-1	4467158	4608950	4617039	4564383	1.85	cps
Molybdenum	97-1	2518806	2627566	2601508	2582627	2.20	cps
Molybdenum	98-1	6401413	6598817	6526762	6508998	1.53	cps
Neodymium	150-1	240	267	360	289	21.81	cps
Neodymium	150-2	83	87	123	98	22.70	cps
Nickel	60-2	264541	265990	266472	265668	0.38	cps
Phosphorus	31-2	575	617	642	611	5.51	cps
Potassium	39-2	1485888	1521207	1499760	1502285	1.18	cps
Rhodium	103-1	3302592	3400324	3342280	3348398	1.47	cps
Rhodium	103-2	1648915	1610672	1615156	1624914	1.29	cps
Scandium	45-1	2374253	2427293	2415362	2405636	1.16	cps
Scandium	45-2	93482	95598	94739	94606	1.13	cps
Selenium	82-1	30244	30842	30570	30552	0.98	cps
Selenium	77-2	1063	853	903	940	11.67	cps
Selenium	78-2	3233	3356	3397	3328	2.57	cps
Silicon	28-1	12504687	12891557	12776596	12724280	1.56	cps
Silver	109-1	1186333	1473758	1330734	1330275	10.80	cps
Silver	107-1	1425148	1449067	1328568	1400927	4.55	cps
Sodium	23-2	9425555	9577197	9348970	9450574	1.23	cps
Strontium	86-1	723510	730748	736522	730260	0.89	cps
Strontium	88-1	6011751	6183980	6081846	6092526	1.42	cps
Sulfur	34-1	749753	762669	766532	759651	1.16	cps
Terbium	159-1	3659331	3817615	3713825	3730257	2.16	cps
Terbium	159-2	1796099	1781780	1800119	1792666	0.54	cps
Thallium	203-1	1099285	1119814	1107718	1108939	0.93	cps
Thallium	205-1	2580843	2622685	2649033	2617520	1.31	cps
Tin	118-1	1199225	1256114	1241301	1232213	2.40	cps
Titanium	47-1	1145129	1187095	1169901	1167375	1.81	cps
Uranium	238-1	3214546	3266609	3210159	3230438	0.97	cps
Vanadium	51-2	456019	460894	457508	458140	0.55	cps
Yttrium	89-1	5833835	5997284	5926788	5919302	1.38	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-01A	Instrumnet Name :	P8
Client Sample ID :	OB-7A	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:02:52	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	678878	680606	673429	677638	0.55	cps
Zinc	66-2	180992	181229	181969	181397	0.28	cps
Zirconium	90-1	2993130	3076697	3081706	3050511	1.63	cps
Zirconium	91-1	669503	678855	690553	679637	1.55	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-02	Instrumnet Name :	P8
Client Sample ID :	OB-9	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:05:40	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51067	50932	50869	50956	0.20	cps
Antimony	121-1	2592	2459	2434	2495	3.41	cps
Arsenic	75-2	176	175	143	165	11.40	cps
Barium	135-1	34703	34628	33651	34327	1.71	cps
Barium	137-1	59122	59858	60025	59668	0.81	cps
Beryllium	9-1	468	492	524	495	5.68	cps
Bismuth	209-1	2033267	2037044	2010624	2026978	0.70	cps
Bismuth	209-2	1258071	1263287	1258280	1259880	0.23	cps
Boron	10-1	23172	25082	25966	24740	5.77	cps
Boron	11-1	114399	124604	131123	123375	6.83	cps
Bromine	81-1	11226	12238	13811	12425	10.48	cps
Cadmium	111-1	1093	922	1019	1011	8.45	cps
Cadmium	106-1	1492	1208	1383	1361	10.51	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Calcium	43-1	214043	215543	217622	215736	0.83	cps
Calcium	44-1	3586264	3621515	3558657	3588812	0.88	cps
Chromium	52-2	4878	4831	4768	4825	1.14	cps
Cobalt	59-2	1737	1747	1570	1685	5.89	cps
Copper	63-2	51806	50673	50938	51139	1.16	cps
Dysprosium	156-1	1925	1625	1759	1770	8.50	cps
Dysprosium	156-2	847	870	907	874	3.46	cps
Erbium	164-1	1759	1358	1433	1517	14.02	cps
Erbium	164-2	787	783	810	793	1.83	cps
Gadolinium	160-1	2034	1959	1884	1959	3.83	cps
Gadolinium	160-2	1137	1153	1140	1143	0.77	cps
Holmium	165-1	3598019	3501914	3486986	3528973	1.71	cps
Holmium	165-2	1874047	1839576	1827852	1847158	1.30	cps
Indium	115-1	3472484	3520556	3503040	3498693	0.70	cps
Indium	115-2	572203	575824	573396	573808	0.32	cps
Iron	54-2	73678	74733	73773	74061	0.79	cps
Iron	56-2	1371715	1347956	1351501	1357057	0.94	cps
Iron	57-2	34052	33968	33612	33878	0.69	cps
Krypton	83-1	327	310	320	319	2.63	cps
Lead	206-1	5640	5579	5740	5653	1.44	cps
Lead	207-1	4768	4818	4990	4858	2.40	cps
Lead	208-1	17533	17577	17973	17694	1.37	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-02	Instrumnet Name :	P8
Client Sample ID :	OB-9	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:05:40	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1214234	1213941	1202611	1210262	0.55	cps
Magnesium	24-2	297710	297185	293530	296142	0.77	cps
Manganese	55-2	64652	63346	63490	63830	1.12	cps
Molybdenum	94-1	1400	1533	1300	1411	8.30	cps
Molybdenum	95-1	800	550	633	661	19.25	cps
Molybdenum	96-1	858	758	683	767	11.45	cps
Molybdenum	97-1	408	267	350	342	20.84	cps
Molybdenum	98-1	1067	875	967	970	9.89	cps
Neodymium	150-1	2147	2487	2474	2369	8.13	cps
Neodymium	150-2	813	1017	843	891	12.32	cps
Nickel	60-2	1843	1830	1847	1840	0.48	cps
Phosphorus	31-2	417	425	492	444	9.25	cps
Potassium	39-2	108138	105165	107691	106998	1.50	cps
Rhodium	103-1	3449987	3432031	3434741	3438920	0.28	cps
Rhodium	103-2	1665588	1665497	1657117	1662734	0.29	cps
Scandium	45-1	2462539	2424273	2421198	2436003	0.95	cps
Scandium	45-2	93253	94182	93384	93607	0.54	cps
Selenium	82-1	62	113	48	75	46.24	cps
Selenium	77-2	7	20	10	12	56.76	cps
Selenium	78-2	50	50	43	48	8.49	cps
Silicon	28-1	18656891	19005084	18962996	18874990	1.01	cps
Silver	109-1	375	408	600	461	26.34	cps
Silver	107-1	475	550	450	492	10.58	cps
Sodium	23-2	657571	654297	650078	653982	0.57	cps
Strontium	86-1	60858	61418	60239	60838	0.97	cps
Strontium	88-1	516144	513741	513179	514355	0.31	cps
Sulfur	34-1	639356	654069	649842	647756	1.17	cps
Terbium	159-1	3813354	3690221	3759620	3754398	1.64	cps
Terbium	159-2	1787189	1824220	1761016	1790808	1.77	cps
Thallium	203-1	1067	883	1083	1011	10.98	cps
Thallium	205-1	2684	2684	2284	2550	9.06	cps
Tin	118-1	842	600	725	722	16.73	cps
Titanium	47-1	26684	25306	25624	25871	2.79	cps
Uranium	238-1	3559	3817	3476	3617	4.93	cps
Vanadium	51-2	5404	5294	5134	5278	2.57	cps
Yttrium	89-1	6013695	6023803	5964720	6000739	0.53	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	L4511-02	Instrumnet Name :	P8
Client Sample ID :	OB-9	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:05:40	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	680149	687836	686254	684746	0.59	cps
Zinc	66-2	4174	4261	4267	4234	1.23	cps
Zirconium	90-1	2867	2959	3259	3028	6.77	cps
Zirconium	91-1	792	675	700	722	8.51	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:11:03	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	976588	972428	969356	972791	0.37	cps
Antimony	121-1	1540754	1559108	1552178	1550680	0.60	cps
Arsenic	75-2	60829	60060	60440	60443	0.64	cps
Barium	135-1	1550537	1601952	1571487	1574659	1.64	cps
Barium	137-1	2704902	2750129	2765228	2740086	1.15	cps
Beryllium	9-1	430920	442432	443691	439014	1.60	cps
Bismuth	209-1	1905056	1917465	1915276	1912599	0.35	cps
Bismuth	209-2	1174987	1167972	1184370	1175776	0.70	cps
Boron	10-1	29285	32215	34856	32119	8.68	cps
Boron	11-1	141676	159360	173689	158242	10.13	cps
Bromine	81-1	3724	3774	3444	3648	4.88	cps
Cadmium	111-1	401815	413890	415014	410240	1.78	cps
Cadmium	106-1	42491	42466	43686	42881	1.63	cps
Cadmium	108-1	29406	29532	30225	29721	1.48	cps
Calcium	43-1	1950481	1967918	1998091	1972163	1.22	cps
Calcium	44-1	31731896	32542613	32645017	32306509	1.55	cps
Chromium	52-2	459816	461789	462472	461359	0.30	cps
Cobalt	59-2	795336	795199	796242	795592	0.07	cps
Copper	63-2	6893124	6785875	6743709	6807569	1.13	cps
Dysprosium	156-1	117	100	125	114	11.18	cps
Dysprosium	156-2	60	53	53	56	6.93	cps
Erbium	164-1	50	17	33	33	50.00	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	125	208	83	139	45.82	cps
Gadolinium	160-2	53	57	83	64	25.51	cps
Holmium	165-1	3320525	3426887	3391550	3379654	1.60	cps
Holmium	165-2	1803570	1743920	1758588	1768693	1.76	cps
Indium	115-1	3277567	3260545	3334274	3290796	1.17	cps
Indium	115-2	542532	543169	542127	542609	0.10	cps
Iron	54-2	4664945	4585470	4674877	4641764	1.06	cps
Iron	56-2	84472835	83321516	84130641	83974997	0.70	cps
Iron	57-2	2144118	2117765	2078378	2113420	1.57	cps
Krypton	83-1	363	357	390	370	4.77	cps
Lead	206-1	3961176	4039251	4021088	4007172	1.02	cps
Lead	207-1	3572267	3668679	3639062	3626669	1.36	cps
Lead	208-1	12559255	13051704	12866250	12825736	1.94	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:11:03	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1128820	1171377	1156069	1152089	1.87	cps
Magnesium	24-2	15090241	15143897	15249722	15161287	0.54	cps
Manganese	55-2	2249004	2202134	2228572	2226570	1.06	cps
Molybdenum	94-1	3043094	3082301	3101842	3075746	0.97	cps
Molybdenum	95-1	3714318	3788807	3774202	3759109	1.05	cps
Molybdenum	96-1	4064770	4150085	4159009	4124621	1.26	cps
Molybdenum	97-1	2312538	2374473	2391463	2359491	1.76	cps
Molybdenum	98-1	5819841	5822200	5880307	5840782	0.59	cps
Neodymium	150-1	87	40	93	73	39.63	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	218072	215612	216533	216739	0.57	cps
Phosphorus	31-2	15425	14916	14908	15083	1.96	cps
Potassium	39-2	6207274	6158091	6170557	6178641	0.41	cps
Rhodium	103-1	3186504	3209865	3178191	3191520	0.51	cps
Rhodium	103-2	1528592	1551146	1547376	1542371	0.78	cps
Scandium	45-1	2254779	2352345	2326406	2311177	2.19	cps
Scandium	45-2	91039	90640	90841	90840	0.22	cps
Selenium	82-1	26999	27164	27479	27214	0.90	cps
Selenium	77-2	863	907	837	869	4.07	cps
Selenium	78-2	2758	2877	2824	2819	2.12	cps
Silicon	28-1	2090267	2202561	2246314	2179714	3.69	cps
Silver	109-1	1752428	1761118	1772409	1761985	0.57	cps
Silver	107-1	1866657	1895697	1875633	1879329	0.79	cps
Sodium	23-2	30122016	30045933	30118083	30095344	0.14	cps
Strontium	86-1	480736	485454	496120	487437	1.62	cps
Strontium	88-1	4089915	4104547	4151799	4115421	0.79	cps
Sulfur	34-1	743162	753422	760385	752323	1.15	cps
Terbium	159-1	3604819	3663203	3579199	3615741	1.19	cps
Terbium	159-2	1745823	1741086	1786664	1757858	1.43	cps
Thallium	203-1	918678	944899	939671	934416	1.49	cps
Thallium	205-1	2173324	2271633	2234027	2226328	2.23	cps
Tin	118-1	1083047	1094321	1118261	1098543	1.64	cps
Titanium	47-1	1082587	1107957	1113822	1101456	1.51	cps
Uranium	238-1	2643823	2665999	2658620	2656147	0.43	cps
Vanadium	51-2	387292	387184	385942	386806	0.19	cps
Yttrium	89-1	5682347	5713767	5787794	5727969	0.95	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:11:03	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	656097	659865	654720	656894	0.41	cps
Zinc	66-2	804194	794016	798305	798838	0.64	cps
Zirconium	90-1	2530107	2578894	2552197	2553733	0.96	cps
Zirconium	91-1	564533	582225	577557	574772	1.60	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : CCB54 Instrumnet Name : P8
 Client Sample ID : CCB54 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 18:46:19 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	431	386	416	411	5.57	cps
Antimony	121-1	50	108	83	81	36.33	cps
Arsenic	75-2	6	14	8	9	44.61	cps
Barium	135-1	75	58	42	58	28.57	cps
Barium	137-1	125	92	67	94	30.98	cps
Beryllium	9-1	122	136	136	131	6.15	cps
Bismuth	209-1	1903680	1910269	1879433	1897794	0.86	cps
Bismuth	209-2	1142073	1174704	1162870	1159882	1.42	cps
Boron	10-1	424	448	416	429	3.88	cps
Boron	11-1	2062	2066	2114	2080	1.39	cps
Bromine	81-1	2513	2703	2603	2606	3.65	cps
Cadmium	111-1	820	778	868	822	5.51	cps
Cadmium	106-1	1183	1100	1233	1172	5.75	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	375	390	392	386	2.45	cps
Calcium	44-1	22467	22871	23107	22815	1.42	cps
Chromium	52-2	977	897	927	933	4.33	cps
Cobalt	59-2	83	73	67	74	11.26	cps
Copper	63-2	740	730	808	759	5.61	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	67	33	17	39	65.47	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	92	25	17	44	92.49	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	3283443	3287955	3227521	3266306	1.03	cps
Holmium	165-2	1673453	1705641	1663442	1680846	1.31	cps
Indium	115-1	3360177	3331724	3269586	3320496	1.40	cps
Indium	115-2	535022	536472	535641	535712	0.14	cps
Iron	54-2	400	439	628	489	24.92	cps
Iron	56-2	4056	3728	3884	3889	4.22	cps
Iron	57-2	206	167	111	161	29.46	cps
Krypton	83-1	273	323	397	331	18.74	cps
Lead	206-1	428	372	422	407	7.51	cps
Lead	207-1	322	417	333	357	14.44	cps
Lead	208-1	1399	1308	1261	1323	5.29	cps

LB Number : LB111799 Operator : Jaswal
 Lab Sample ID : CCB54 Instrumnet Name : P8
 Client Sample ID : CCB54 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 18:46:19 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1110622	1090225	1093786	1098211	0.99	cps
Magnesium	24-2	592	708	850	717	18.05	cps
Manganese	55-2	180	207	237	208	13.64	cps
Molybdenum	94-1	117	125	117	119	4.03	cps
Molybdenum	95-1	67	50	42	53	24.12	cps
Molybdenum	96-1	83	100	42	75	40.06	cps
Molybdenum	97-1	8	8	42	19	99.00	cps
Molybdenum	98-1	17	67	33	39	65.47	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	127	183	117	142	25.28	cps
Phosphorus	31-2	233	192	292	239	21.03	cps
Potassium	39-2	29222	29815	29063	29367	1.35	cps
Rhodium	103-1	3207304	3329211	3255904	3264140	1.88	cps
Rhodium	103-2	1530029	1590764	1571502	1564098	1.98	cps
Scandium	45-1	2253986	2259302	2281634	2264974	0.65	cps
Scandium	45-2	87481	88104	87102	87562	0.58	cps
Selenium	82-1	112	10	-63	20	451.11	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	48	48	51	49	3.53	cps
Silicon	28-1	998353	1025104	1012509	1011989	1.32	cps
Silver	109-1	108	108	217	144	43.30	cps
Silver	107-1	200	125	217	181	27.04	cps
Sodium	23-2	35519	35235	37340	36031	3.17	cps
Strontium	86-1	608	633	683	642	5.95	cps
Strontium	88-1	233	292	283	269	11.71	cps
Sulfur	34-1	602754	607103	612546	607468	0.81	cps
Terbium	159-1	3503717	3552907	3532149	3529591	0.70	cps
Terbium	159-2	1659599	1678349	1641188	1659712	1.12	cps
Thallium	203-1	75	58	75	69	13.85	cps
Thallium	205-1	167	83	150	133	33.07	cps
Tin	118-1	175	142	267	194	33.29	cps
Titanium	47-1	375	400	492	422	14.55	cps
Uranium	238-1	42	17	8	22	78.07	cps
Vanadium	51-2	23	13	23	20	28.87	cps
Yttrium	89-1	5639385	5604886	5630325	5624865	0.32	cps

LB Number :	LB111799	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P8
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 18:46:19	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	633912	636930	631621	634154	0.42	cps
Zinc	66-2	170	130	217	172	25.19	cps
Zirconium	90-1	292	233	242	256	12.35	cps
Zirconium	91-1	58	75	50	61	20.83	cps