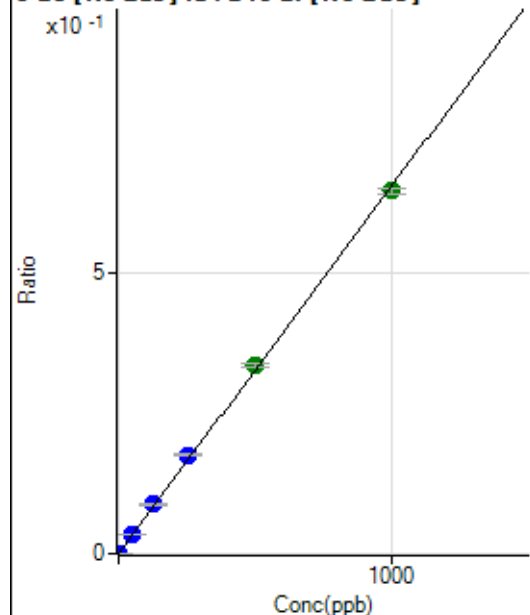


Calibration for 008CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7031523 MS.b\
 Analysis File: P7031523 MS.batch.bin
 DA Date-Time: 2023-03-15 16:49:22
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-03-15 14:16:45
2	006CALS.d	S02	2023-03-15 14:23:16
3	007CALS.d	S03	2023-03-15 14:26:31
4	008CALS.d	S04	2023-03-15 14:29:31
5	009CALS.d	S05	2023-03-15 14:32:20
6	010CALS.d	S06	2023-03-15 14:35:08
7	011CALS.d	S07	2023-03-15 14:37:53
8	012CALS.d	S08	2023-03-15 14:40:40

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	17.1
2	☐	1.000	1.156	4019.45	0.0008	P	3.4
3	☐	50.000	53.127	186300.81	0.0347	P	3.9
4	☐	125.000	133.811	455646.94	0.0874	P	1.0
5	☐	250.000	268.704	892056.27	0.1755	P	1.1
6	☐	500.000	513.026	1701009.68	0.3350	A	1.8
7	☐	1000.000	987.553	3223612.42	0.6449	A	1.5
8	☐			1107.83	0.0003	P	32.8

$$y = 6.5298\text{E-}004 * x + 7.3728\text{E-}006$$

$$R = 0.9997$$

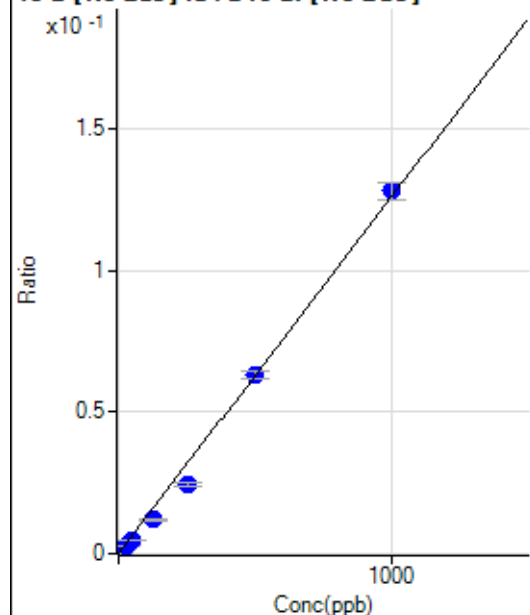
$$DL = 0.005798$$

$$BEC = 0.01129$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	231.11	0.0000	P	2.6
2	☐	25.000	19.018	12857.64	0.0024	P	3.7
3	☐	50.000	37.307	25431.04	0.0047	P	8.5
4	☐	125.000	94.041	61954.47	0.0119	P	3.8
5	☐	250.000	194.202	124503.20	0.0245	P	4.3
6	☐	500.000	502.904	321681.55	0.0633	P	4.3
7	☐	1000.000	1017.152	640200.41	0.1281	P	4.8
8	☐			27970.04	0.0064	P	15.9

$$y = 1.2587\text{E-}004 * x + 4.3849\text{E-}005$$

$$R = 0.9983$$

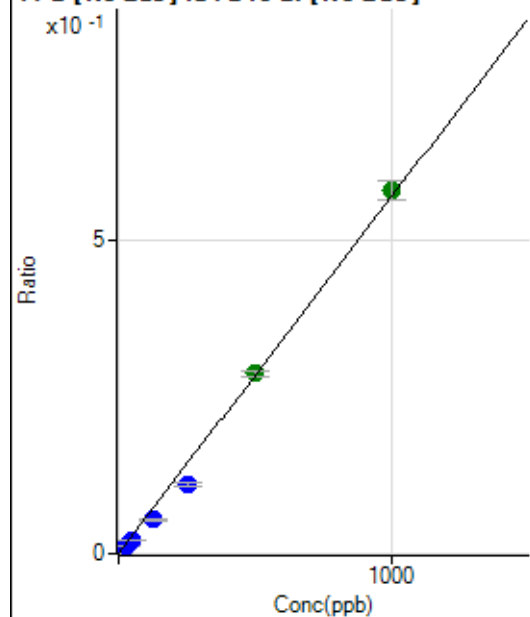
$$DL = 0.02731$$

$$BEC = 0.3484$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	993.37	0.0002	P	5.2
2	☐	25.000	19.219	58547.16	0.0111	P	3.5
3	☐	50.000	38.236	117486.11	0.0219	P	9.1
4	☐	125.000	95.633	284135.32	0.0545	P	5.8
5	☐	250.000	194.787	563252.75	0.1108	P	5.3
6	☐	500.000	503.623	1453010.26	0.2861	A	3.8
7	☐	1000.000	1016.395	2885522.53	0.5773	A	5.2
8	☐			125960.04	0.0288	P	14.5

$$y = 5.6777\text{E-}004 * x + 1.8839\text{E-}004$$

$$R = 0.9984$$

$$DL = 0.05137$$

$$BEC = 0.3318$$

Weight: <None>

Min Conc: 0

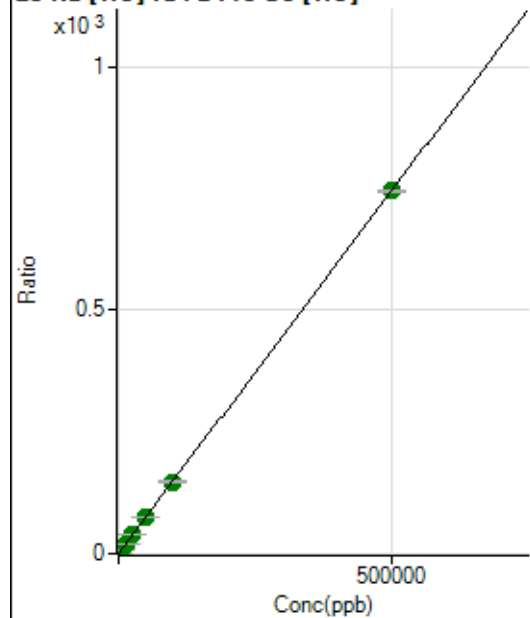
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21113.43	0.0315	P	0.8
2	☐	500.000	523.096	541614.22	0.8109	P	0.7
3	☐	5000.000	5079.022	4967557.04	7.5988	A	1.1
4	☐	12500.000	12891.459	12055567.87	19.2386	A	0.9
5	☐	25000.000	25522.227	23917245.75	38.0574	A	0.6
6	☐	50000.000	50506.946	48465823.72	75.2824	A	0.9
7	☐	100000.00	99216.377	96184346.34	147.8551	A	0.9
8	☐	500000.00	500069.31	460328237.58	745.0907	A	0.7

$$y = 0.0015 * x + 0.0315$$

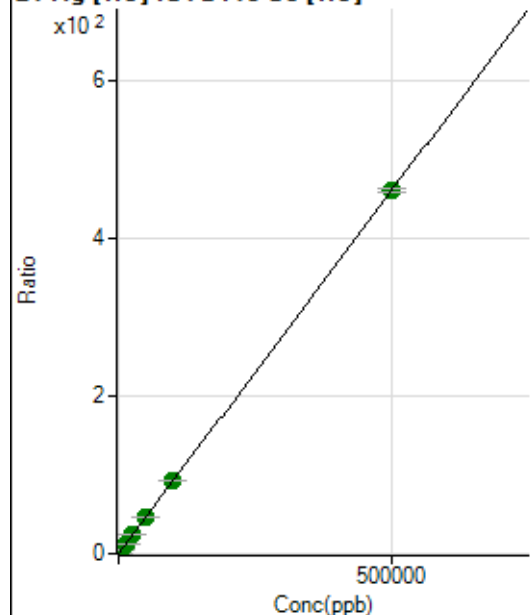
$$R = 1.0000$$

$$DL = 0.5109$$

$$BEC = 21.14$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	330.01	0.0005	P	9.4
2	☐	500.000	523.475	321841.39	0.4818	P	0.9
3	☐	5000.000	5272.637	3169866.93	4.8488	A	1.9
4	☐	12500.000	13244.385	7631634.13	12.1789	A	1.2
5	☐	25000.000	25975.761	15010434.64	23.8857	A	1.0
6	☐	50000.000	50995.566	30186493.16	46.8918	A	1.6
7	☐	100000.00	99873.244	59741845.22	91.8357	A	0.3
8	☐	500000.00	499855.64	283962486.88	459.6265	A	1.0

$$y = 9.1952\text{E-}004 * x + 4.9223\text{E-}004$$

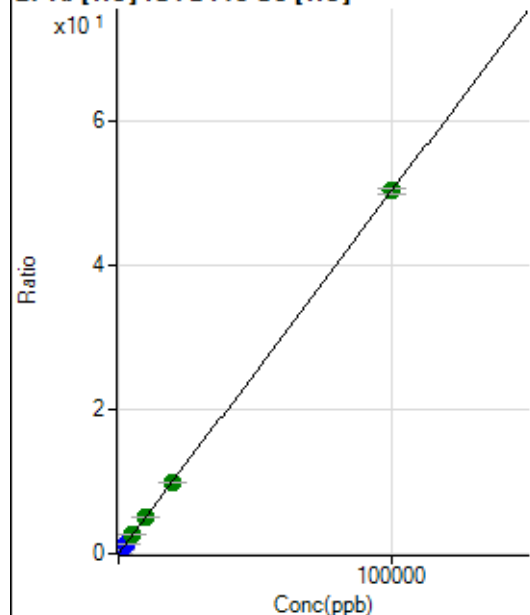
$$R = 1.0000$$

$$DL = 0.1506$$

$$BEC = 0.5353$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	203.34	0.0003	P	9.5
2	☐	20.000	21.325	7364.05	0.0110	P	1.5
3	☐	1000.000	1034.146	340090.19	0.5202	P	0.8
4	☐	2500.000	2593.283	817178.21	1.3041	P	1.2
5	☐	5000.000	5080.319	1605359.54	2.5545	A	1.4
6	☐	10000.000	9942.128	3218178.49	4.9988	A	0.8
7	☐	20000.000	19555.812	6396102.13	9.8322	A	0.4
8	☐	100000.00	100087.93	31087995.93	50.3204	A	1.4

$$y = 5.0276\text{E-}004 * x + 3.0318\text{E-}004$$

$$R = 1.0000$$

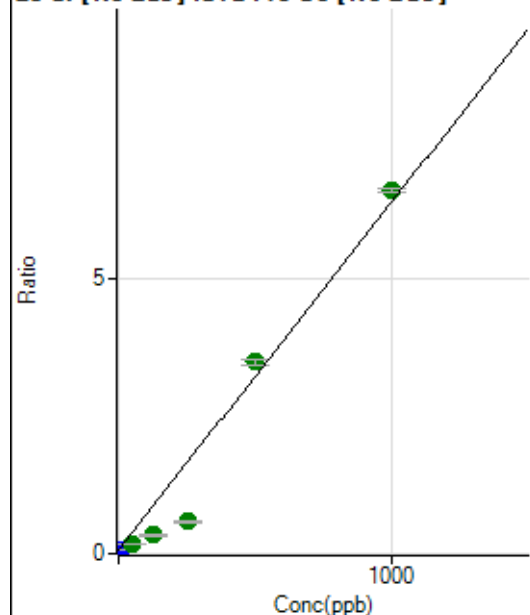
$$DL = 0.1716$$

$$BEC = 0.603$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	559978.67	0.0670	P	0.1
2	☐	10.000	2.289	676447.06	0.0815	P	0.6
3	☐	50.000	17.535	1511325.18	0.1781	A	11.5
4	☐	125.000	42.864	2734006.52	0.3384	A	11.2
5	☐	250.000	81.977	4675861.18	0.5861	A	8.8
6	☐	500.000	541.712	28177479.02	3.4972	A	2.8
7	☐	1000.000	1033.117	53692336.98	6.6088	A	1.2
8	☐			1420604.29	0.1864	A	5.4

$$y = 0.0063 * x + 0.0670$$

$$R = 0.9852$$

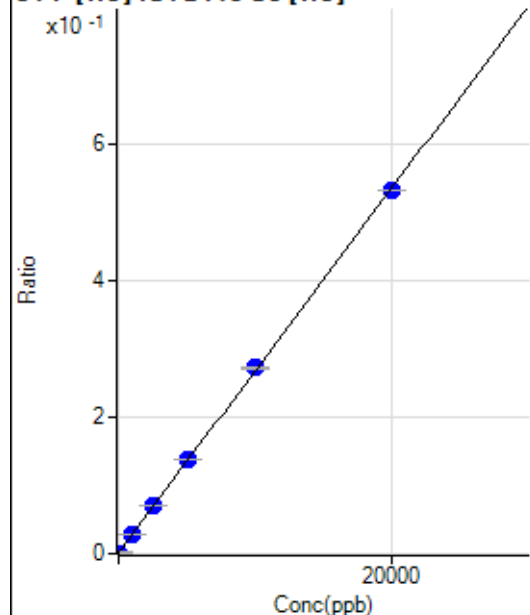
$$DL = 0.01621$$

$$BEC = 10.59$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-10.552	551.13	0.0008	P	9.2
2	☐	0.000	10.552	926.71	0.0014	P	9.5
3	☐	1000.000	1027.346	18681.48	0.0286	P	2.1
4	☐	2500.000	2614.535	44504.41	0.0710	P	1.4
5	☐	5000.000	5142.178	87112.54	0.1386	P	0.5
6	☐	10000.000	10161.470	175651.92	0.2728	P	1.0
7	☐	20000.000	19868.037	346349.51	0.5324	P	0.1
8	☐			703.36	0.0011	P	8.4

$$y = 2.6742E-005 * x + 0.0011$$

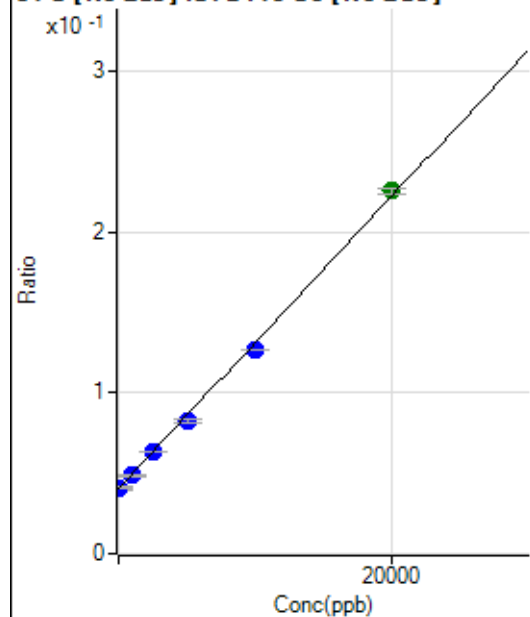
$$R = 0.9999$$

$$DL = 11.61$$

$$BEC = 41.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-43.501	334997.98	0.0401	P	1.1
2	☐	0.000	43.501	339237.03	0.0409	P	2.0
3	☐	1000.000	897.239	413735.65	0.0486	P	3.3
4	☐	2500.000	2515.534	512239.87	0.0633	P	0.8
5	☐	5000.000	4609.505	656193.79	0.0823	P	2.7
6	☐	10000.000	9476.259	1019483.62	0.1265	P	0.6
7	☐	20000.000	20362.691	1831106.41	0.2254	A	1.5
8	☐			292880.70	0.0384	P	1.7

$$y = 9.0792\text{E-}006 * x + 0.0405$$

R = 0.9993

DL = 208.2

BEC = 4460

Weight: <None>

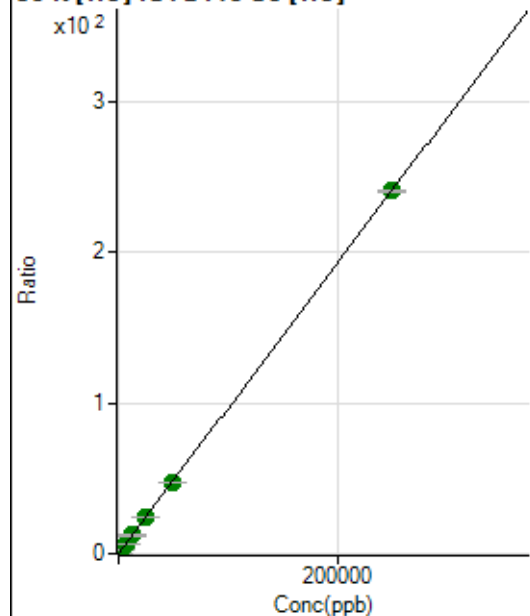
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66279.01	0.0989	P	1.7
2	☐	500.000	529.138	406053.53	0.6079	P	0.7
3	☐	2500.000	2535.149	1658981.15	2.5378	A	1.3
4	☐	6250.000	6330.968	3878565.36	6.1895	A	0.6
5	☐	12500.000	12533.754	7639864.19	12.1568	A	0.7
6	☐	25000.000	24833.828	15443321.02	23.9900	A	1.8
7	☐	50000.000	49399.994	30980539.26	47.6236	A	0.5
8	☐	250000.00	250132.49	148732634.45	240.7361	A	0.2

$$y = 9.6204\text{E-}004 * x + 0.0989$$

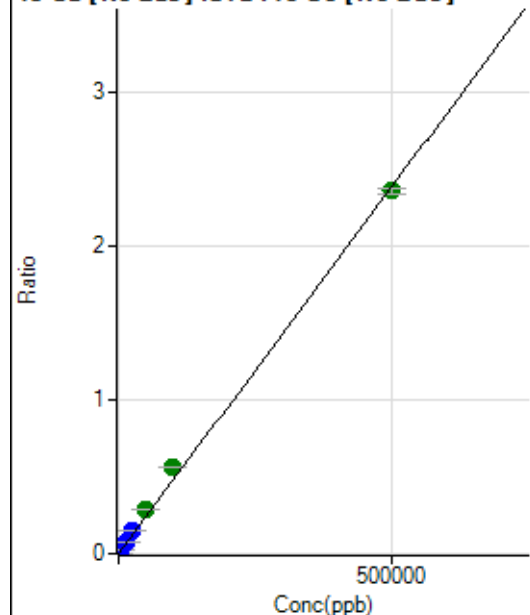
$$R = 1.0000$$

$$DL = 5.262$$

$$BEC = 102.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	165.56	0.0000	P	5.1
2	☐	500.000	543.713	21668.90	0.0026	P	1.0
3	☐	5000.000	6025.189	244377.81	0.0287	P	4.7
4	☐	12500.000	15546.876	599485.46	0.0741	P	1.9
5	☐	25000.000	30892.787	1173919.45	0.1473	P	0.6
6	☐	50000.000	60250.612	2314163.51	0.2872	A	1.0
7	☐	100000.00	118215.91	4578311.42	0.5635	A	0.9
8	☐	500000.00	494950.64	17979323.34	2.3593	A	1.2

$$y = 4.7667\text{E-}006 * x + 1.9822\text{E-}005$$

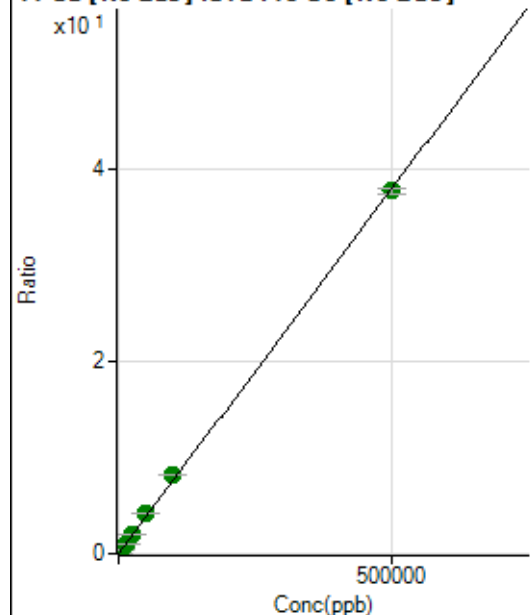
$$R = 0.9992$$

$$DL = 0.6309$$

$$BEC = 4.158$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11583.39	0.0014	P	1.9
2	☐	500.000	548.770	356980.04	0.0430	P	1.0
3	☐	5000.000	5354.915	3467192.86	0.4077	A	3.9
4	☐	12500.000	13722.266	8430914.46	1.0425	A	1.9
5	☐	25000.000	27553.725	16675621.28	2.0920	A	0.5
6	☐	50000.000	54645.309	33417093.39	4.1475	A	1.0
7	☐	100000.00	108828.36	67097899.56	8.2586	A	1.1
8	☐	500000.00	497607.95	287716902.38	37.7567	A	1.7

$$y = 7.5874\text{E-}005 * x + 0.0014$$

$$R = 0.9998$$

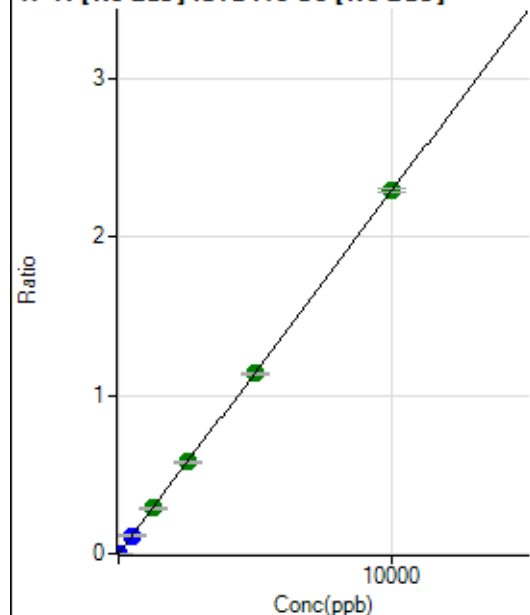
$$DL = 1.024$$

$$BEC = 18.27$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.33	0.0000	P	10.2
2	☐	5.000	5.103	9793.24	0.0012	P	0.1
3	☐	500.000	496.703	965506.71	0.1136	P	5.4
4	☐	1250.000	1259.099	2327830.73	0.2879	A	2.4
5	☐	2500.000	2520.713	4593553.61	0.5763	A	1.2
6	☐	5000.000	4973.421	9161311.95	1.1370	A	0.6
7	☐	10000.000	10007.138	18587631.81	2.2878	A	1.0
8	☐			5199.91	0.0007	P	33.8

$$y = 2.2862E-004 * x + 1.3561E-005$$

$$R = 1.0000$$

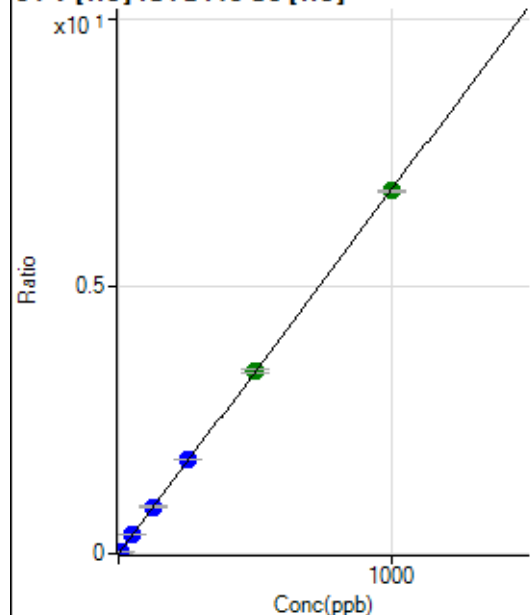
$$DL = 0.01807$$

$$BEC = 0.05932$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0000	P	57.0
2	☐	5.000	5.123	23339.23	0.0349	P	1.4
3	☐	50.000	51.314	228723.73	0.3499	P	0.6
4	☐	125.000	128.956	550952.01	0.8792	P	0.9
5	☐	250.000	257.235	1102199.11	1.7538	P	0.6
6	☐	500.000	501.921	2203055.18	3.4221	A	1.2
7	☐	1000.000	996.670	4420537.64	6.7953	A	0.5
8	☐			827.81	0.0013	P	5.4

$$y = 0.0068 * x + 1.3237E-005$$

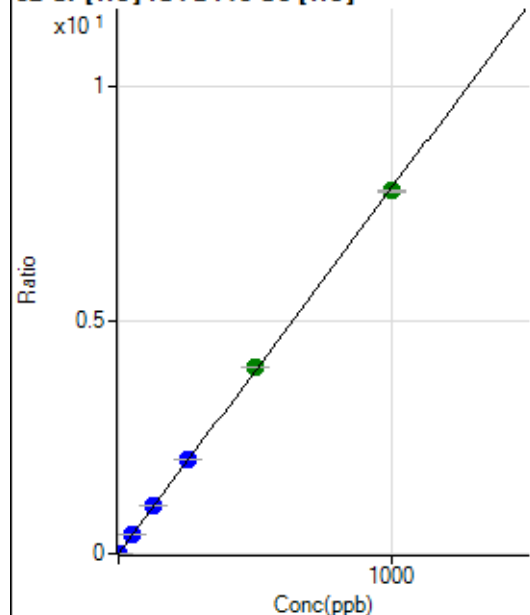
$$R = 1.0000$$

$$DL = 0.00332$$

$$BEC = 0.001941$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1501.20	0.0022	P	3.9
2	☐	2.000	2.075	12347.34	0.0185	P	0.6
3	☐	50.000	52.455	269923.90	0.4129	P	0.8
4	☐	125.000	131.649	647237.40	1.0329	P	1.3
5	☐	250.000	259.947	1280364.91	2.0373	P	0.1
6	☐	500.000	508.429	2564119.11	3.9827	A	0.3
7	☐	1000.000	992.345	5055373.43	7.7712	A	0.3
8	☐			35869.28	0.0581	P	1.1

$$y = 0.0078 * x + 0.0022$$

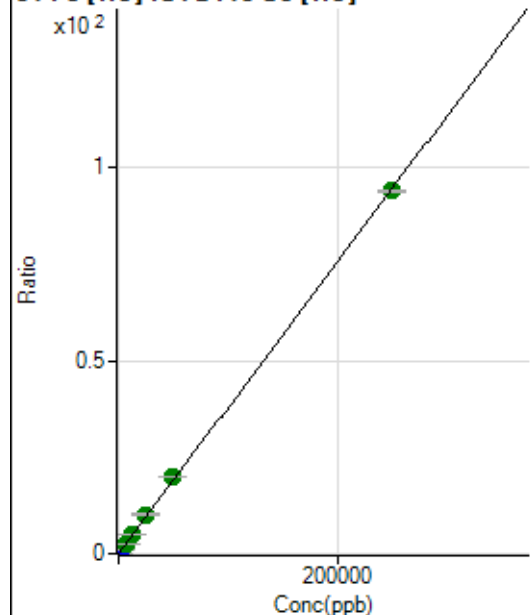
$$R = 0.9999$$

$$DL = 0.03336$$

$$BEC = 0.286$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2185.74	0.0033	P	0.5
2	☐	50.000	58.726	16965.21	0.0254	P	2.6
3	☐	2500.000	2918.379	721359.65	1.1034	P	0.2
4	☐	6250.000	6962.798	1646860.56	2.6281	A	1.0
5	☐	12500.000	13714.705	3251210.79	5.1735	A	0.7
6	☐	25000.000	27047.717	6566148.72	10.1998	A	1.6
7	☐	50000.000	53247.409	13060441.33	20.0766	A	0.5
8	☐	250000.00	249063.00	58010181.91	93.8959	A	0.7

$$y = 3.7698E-004 * x + 0.0033$$

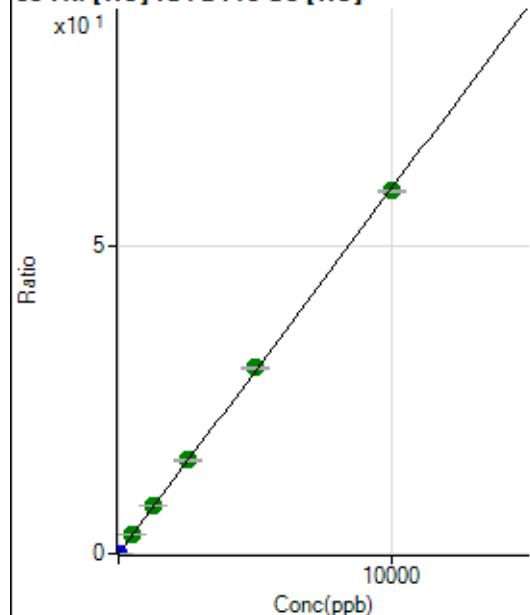
$$R = 0.9999$$

$$DL = 0.1365$$

$$BEC = 8.647$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.78	0.0001	P	11.3
2	☐	1.000	1.115	4517.39	0.0068	P	3.0
3	☐	500.000	511.916	1986525.93	3.0387	A	0.9
4	☐	1250.000	1298.657	4830603.75	7.7086	A	1.2
5	☐	2500.000	2556.150	9535498.26	15.1728	A	0.4
6	☐	5000.000	5084.048	19428773.04	30.1778	A	0.4
7	☐	10000.000	9937.261	38371521.10	58.9852	A	0.4
8	☐			19148.97	0.0310	P	3.3

$$y = 0.0059 * x + 1.4586E-004$$

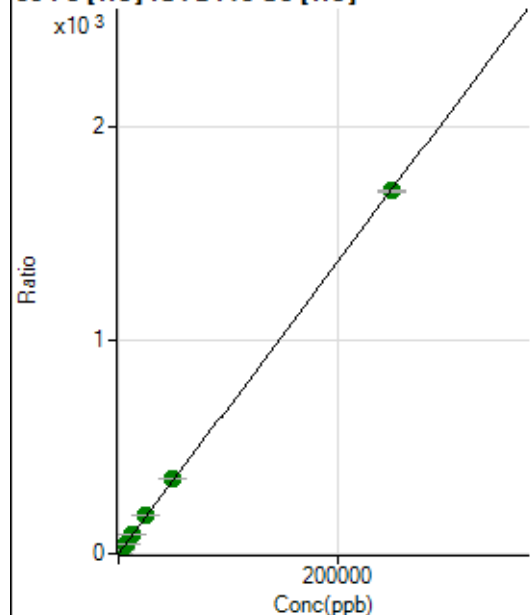
$$R = 0.9999$$

$$DL = 0.0083$$

$$BEC = 0.02457$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14501.54	0.0216	P	1.0
2	☐	50.000	56.590	272353.39	0.4077	P	0.3
3	☐	2500.000	2718.320	12138798.15	18.5685	A	0.9
4	☐	6250.000	6878.046	29420634.84	46.9500	A	0.6
5	☐	12500.000	13553.780	58130238.58	92.4980	A	0.4
6	☐	25000.000	26778.272	117637238.25	182.7277	A	0.9
7	☐	50000.000	52057.955	231073998.78	355.2090	A	0.4
8	☐	250000.00	249340.00	1051080233.2	1,701.248	A	0.3

$$y = 0.0068 * x + 0.0216$$

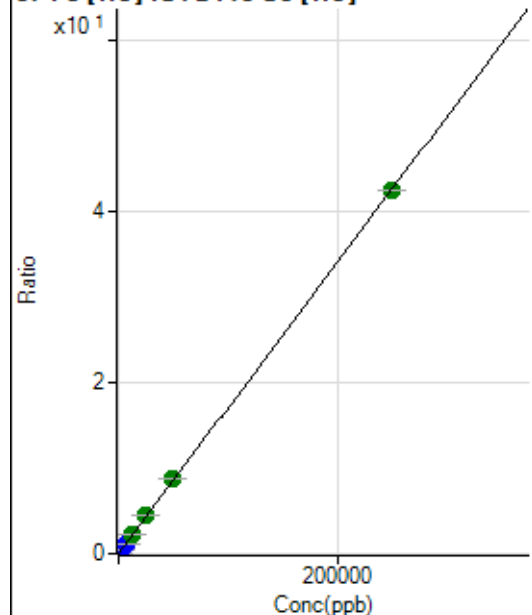
$$R = 0.9999$$

$$DL = 0.09165$$

$$BEC = 3.17$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	674.47	0.0010	P	10.0
2	☐	50.000	57.776	7232.90	0.0108	P	2.3
3	☐	2500.000	2846.129	316980.76	0.4849	P	0.9
4	☐	6250.000	7217.281	769513.85	1.2280	P	1.1
5	☐	12500.000	13448.166	1437475.45	2.2874	A	1.2
6	☐	25000.000	26749.318	2928252.21	4.5487	A	1.6
7	☐	50000.000	51971.841	5748634.78	8.8368	A	0.5
8	☐	250000.00	249355.64	26192581.55	42.3945	A	0.1

$$y = 1.7001\text{E-}004 * x + 0.0010$$

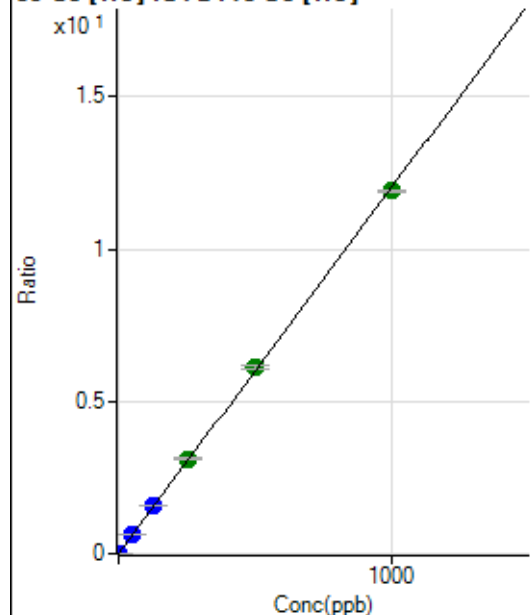
$$R = 1.0000$$

$$DL = 1.779$$

$$BEC = 5.919$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.22	0.0001	P	15.9
2	☐	1.000	1.080	8731.51	0.0131	P	3.3
3	☐	50.000	53.077	417190.74	0.6382	P	0.4
4	☐	125.000	133.284	1004109.64	1.6024	P	0.6
5	☐	250.000	259.937	1963900.20	3.1250	A	0.9
6	☐	500.000	510.590	3951321.37	6.1382	A	2.1
7	☐	1000.000	991.031	7750331.62	11.9139	A	0.7
8	☐			7745.40	0.0125	P	2.5

$$y = 0.0120 * x + 9.2756\text{E-}005$$

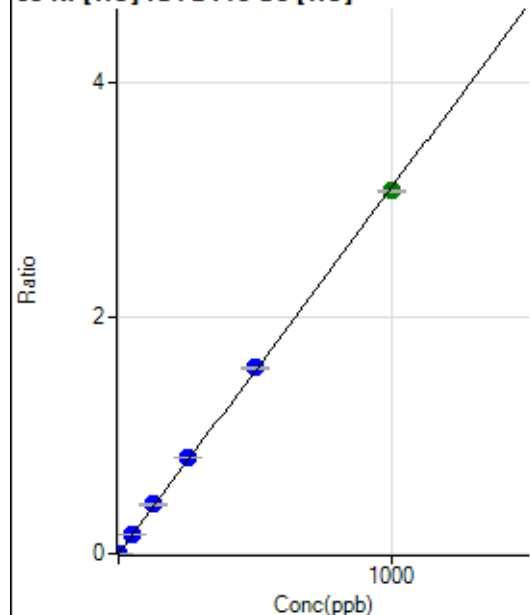
$$R = 0.9998$$

$$DL = 0.003681$$

$$BEC = 0.007716$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.67	0.0001	P	11.4
2	☐	1.000	1.058	2249.08	0.0034	P	3.7
3	☐	50.000	53.333	108205.58	0.1655	P	0.5
4	☐	125.000	134.158	260821.11	0.4162	P	1.1
5	☐	250.000	262.196	511179.35	0.8134	P	0.2
6	☐	500.000	508.575	1015639.34	1.5776	P	1.4
7	☐	1000.000	991.352	2000496.46	3.0752	A	0.5
8	☐			4305.10	0.0070	P	3.4

$$y = 0.0031 * x + 8.4491E-005$$

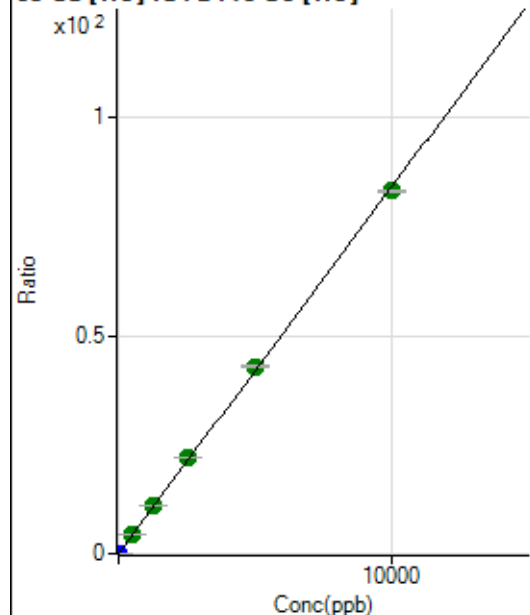
$$R = 0.9998$$

$$DL = 0.009277$$

$$BEC = 0.02724$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	994.49	0.0015	P	4.9
2	☐	2.000	2.192	13296.01	0.0199	P	0.5
3	☐	500.000	533.806	2933341.97	4.4870	A	0.9
4	☐	1250.000	1329.993	7003942.60	11.1772	A	1.1
5	☐	2500.000	2616.971	13820507.71	21.9916	A	0.7
6	☐	5000.000	5115.351	27673260.42	42.9851	A	0.9
7	☐	10000.000	9901.393	54125144.75	83.2016	A	0.4
8	☐			8127.84	0.0132	P	3.3

$$y = 0.0084 * x + 0.0015$$

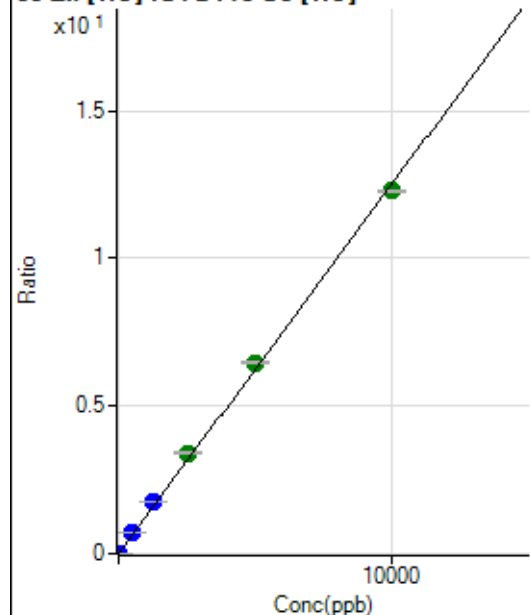
$$R = 0.9998$$

$$DL = 0.0262$$

$$BEC = 0.1765$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	357.78	0.0005	P	5.0
2	☐	2.000	2.341	2309.09	0.0035	P	7.5
3	☐	500.000	556.204	454560.28	0.6953	P	0.1
4	☐	1250.000	1397.828	1094495.20	1.7467	P	1.1
5	☐	2500.000	2723.187	2138127.85	3.4023	A	1.0
6	☐	5000.000	5181.077	4166934.87	6.4726	A	1.0
7	☐	10000.000	9832.376	7990345.99	12.2828	A	0.8
8	☐			4510.72	0.0073	P	2.8

$$y = 0.0012 * x + 5.3357E-004$$

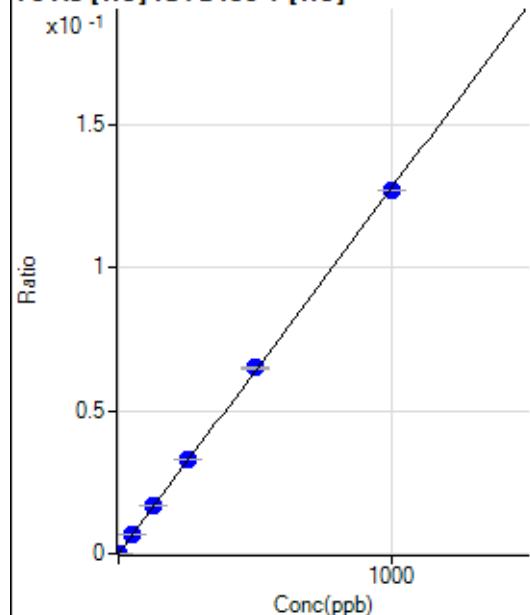
$$R = 0.9994$$

$$DL = 0.06383$$

$$BEC = 0.4271$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.78	0.0000	P	65.8
2	☐	1.000	1.166	638.91	0.0002	P	2.3
3	☐	50.000	52.524	28230.26	0.0067	P	1.5
4	☐	125.000	130.068	68043.78	0.0166	P	1.7
5	☐	250.000	259.349	136811.32	0.0332	P	0.7
6	☐	500.000	508.093	274679.59	0.0650	P	1.4
7	☐	1000.000	992.856	539411.92	0.1270	P	0.2
8	☐			121.11	0.0000	P	3.5

$$y = 1.2790E-004 * x + 1.8189E-006$$

$$R = 0.9999$$

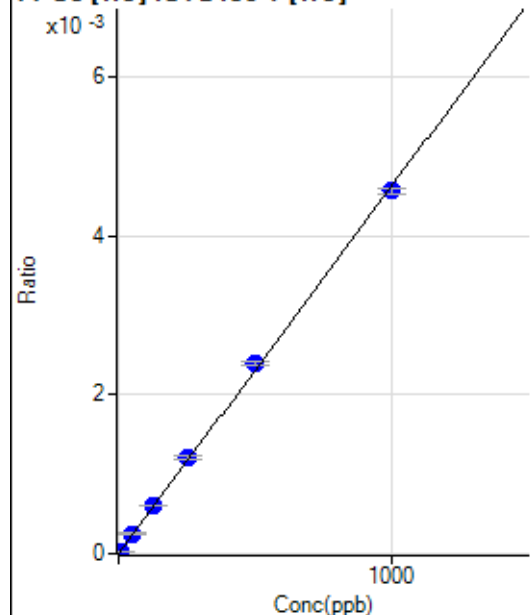
$$DL = 0.02807$$

$$BEC = 0.01422$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.747	132.22	0.0000	P	31.1
3	☐	50.000	54.664	1062.27	0.0003	P	5.8
4	☐	125.000	130.553	2469.12	0.0006	P	3.1
5	☐	250.000	261.476	4986.43	0.0012	P	3.3
6	☐	500.000	516.745	10100.18	0.0024	P	2.3
7	☐	1000.000	987.822	19405.05	0.0046	P	1.3
8	☐			15.56	0.0000	P	32.2

$$y = 4.6247\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

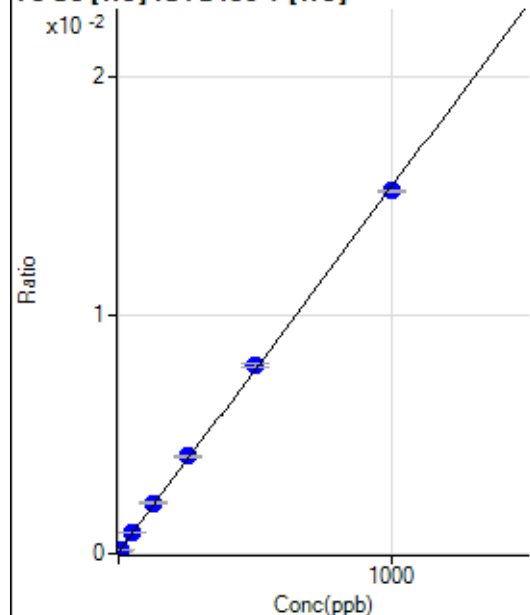
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	270.00	0.0001	P	13.5
2	☐	5.000	6.168	667.80	0.0002	P	4.3
3	☐	50.000	55.451	3839.42	0.0009	P	2.0
4	☐	125.000	134.284	8682.64	0.0021	P	3.2
5	☐	250.000	263.825	16955.36	0.0041	P	1.7
6	☐	500.000	512.649	33508.96	0.0079	P	1.7
7	☐	1000.000	988.780	64703.87	0.0152	P	0.6
8	☐			390.01	0.0001	P	1.9

$$y = 1.5342\text{E-}005 * x + 6.3172\text{E-}005$$

$$R = 0.9998$$

$$DL = 1.667$$

$$BEC = 4.118$$

Weight: <None>

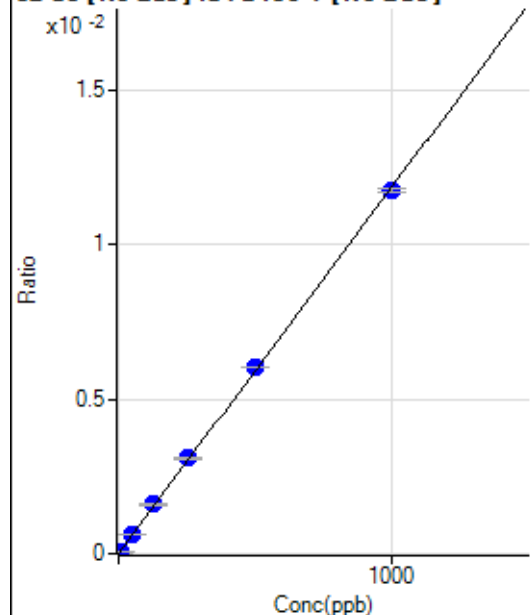
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36824.98		P	1.6
2	☐			37081.22		P	0.8
3	☐			36579.85		P	1.2
4	☐			35575.21		P	1.3
5	☐			34967.12		P	1.1
6	☐			36065.14		P	0.7
7	☐			38492.57		P	1.5
8	☐			41352.41		P	2.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			71.11		P	16.5
2	☐			55.56		P	29.6
3	☐			66.67		P	0.0
4	☐			65.55		P	20.6
5	☐			62.22		P	20.3
6	☐			83.33		P	10.6
7	☐			100.00		P	13.3
8	☐			117.78		P	7.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	82.51	0.0000	P	48.6
2	☐	5.000	5.121	1135.46	0.0001	P	2.4
3	☐	50.000	51.937	11035.39	0.0006	P	2.8
4	☐	125.000	134.021	27343.00	0.0016	P	1.2
5	☐	250.000	260.779	53555.95	0.0031	P	1.8
6	☐	500.000	510.097	105956.01	0.0061	P	0.7
7	☐	1000.000	991.032	205872.02	0.0118	P	1.1
8	☐			461.21	0.0000	P	10.4

$$y = 1.1854E-005 * x + 4.7732E-006$$

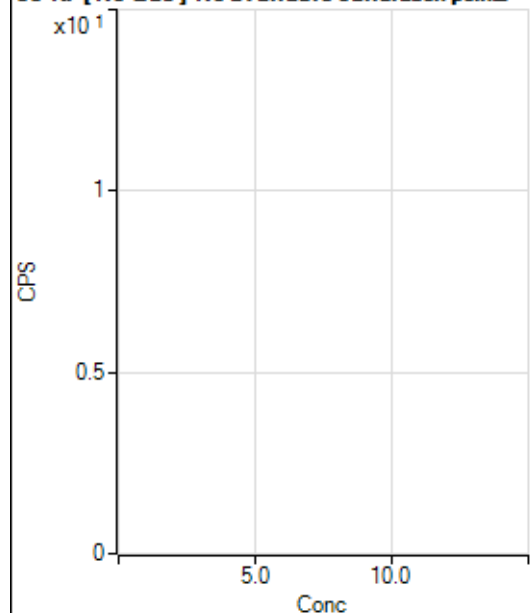
$$R = 0.9998$$

$$DL = 0.5869$$

$$BEC = 0.4026$$

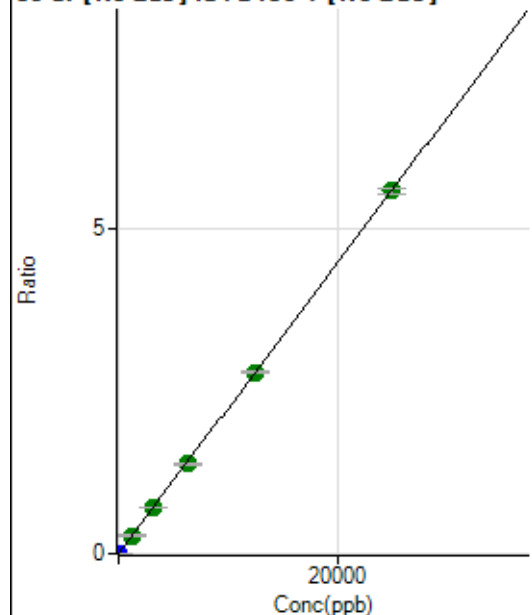
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			238.89		P	10.7
2	☐			277.78		P	13.2
3	☐			261.12		P	17.6
4	☐			260.01		P	15.1
5	☐			230.00		P	12.9
6	☐			273.34		P	12.0
7	☐			287.79		P	13.8
8	☐			321.12		P	8.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	438.90	0.0000	P	5.3
2	☐	1.000	1.009	4357.36	0.0003	P	2.2
3	☐	1250.000	1236.636	4919402.91	0.2767	A	4.8
4	☐	3125.000	3163.921	12148259.26	0.7079	A	1.4
5	☐	6250.000	6211.039	24037864.64	1.3897	A	1.9
6	☐	12500.000	12501.012	48970882.60	2.7970	A	0.6
7	☐	25000.000	25005.037	97993987.43	5.5946	A	1.6
8	☐			39281.26	0.0024	P	24.9

$$y = 2.2374\text{E-}004 * x + 2.5383\text{E-}005$$

$$R = 1.0000$$

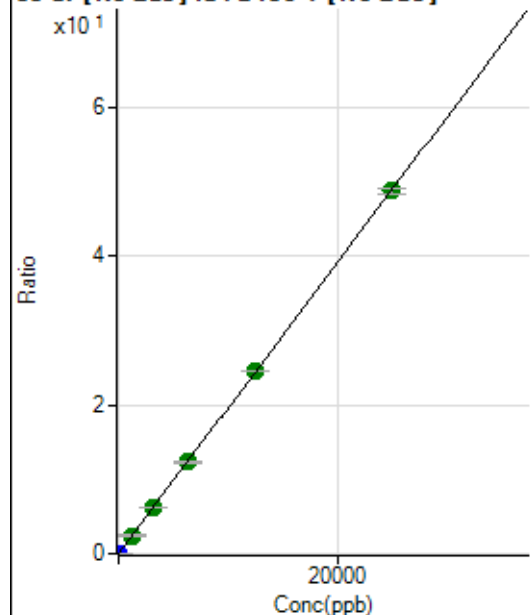
$$DL = 0.01803$$

$$BEC = 0.1135$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	157.78	0.0000	P	16.1
2	☐	1.000	1.016	34528.26	0.0020	P	0.8
3	☐	1250.000	1232.011	42736558.53	2.4038	A	4.7
4	☐	3125.000	3188.477	106754761.74	6.2211	A	1.1
5	☐	6250.000	6286.170	212160821.28	12.2651	A	1.2
6	☐	12500.000	12534.704	428198353.62	24.4568	A	0.4
7	☐	25000.000	24966.570	853321302.84	48.7129	A	1.3
8	☐			338040.13	0.0209	P	25.2

$$y = 0.0020 * x + 9.1199\text{E-}006$$

$$R = 1.0000$$

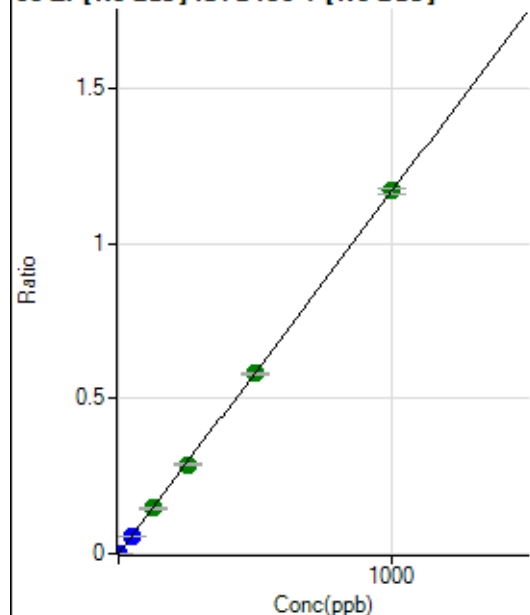
$$DL = 0.002255$$

$$BEC = 0.004674$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	677.80	0.0000	P	11.2
2	☐	1.000	1.001	20952.83	0.0012	P	2.0
3	☐	50.000	49.199	1021919.54	0.0575	P	4.8
4	☐	125.000	125.118	2507440.24	0.1461	A	1.0
5	☐	250.000	246.340	4975602.95	0.2876	A	1.6
6	☐	500.000	497.607	10172562.42	0.5810	A	0.7
7	☐	1000.000	1002.137	20495624.70	1.1701	A	1.3
8	☐			7692.17	0.0005	P	26.1

$$y = 0.0012 * x + 3.9215E-005$$

$$R = 1.0000$$

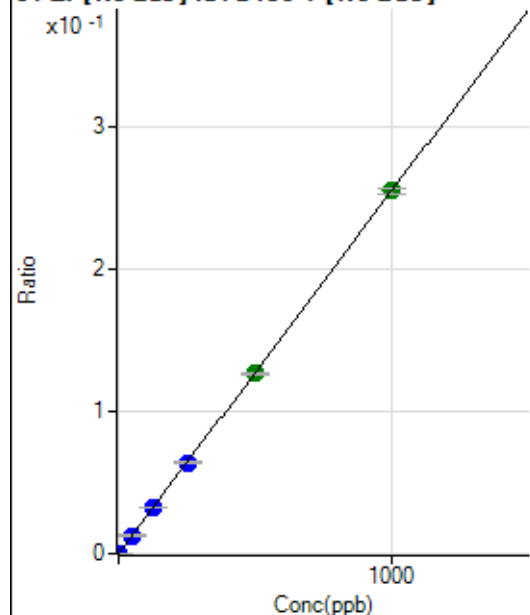
$$DL = 0.01132$$

$$BEC = 0.03359$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	120.00	0.0000	P	11.0
2	☐	1.000	0.997	4524.07	0.0003	P	2.1
3	☐	50.000	49.289	223287.47	0.0126	P	4.8
4	☐	125.000	126.725	553920.29	0.0323	P	0.5
5	☐	250.000	251.162	1106519.31	0.0640	P	2.2
6	☐	500.000	497.295	2217481.91	0.1267	A	0.7
7	☐	1000.000	1000.882	4465064.76	0.2549	A	1.4
8	☐			1568.99	0.0001	P	24.7

$$y = 2.5467E-004 * x + 6.9428E-006$$

$$R = 1.0000$$

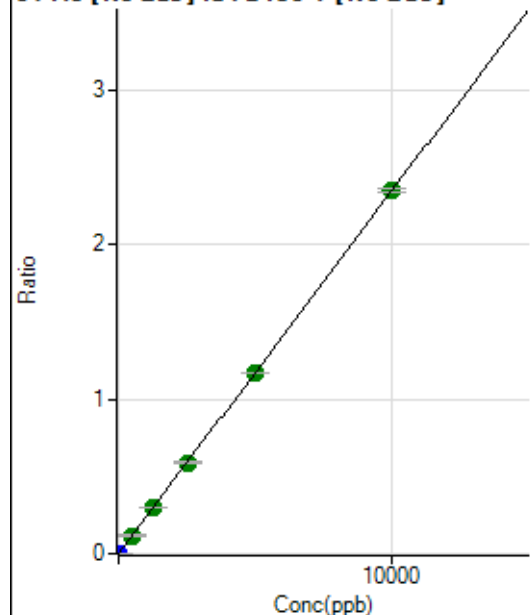
$$DL = 0.009004$$

$$BEC = 0.02726$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	230.00	0.0000	P	5.0
2	☐	5.000	5.815	23838.37	0.0014	P	2.6
3	☐	500.000	492.694	2050833.89	0.1154	A	4.8
4	☐	1250.000	1257.814	5053115.90	0.2945	A	0.3
5	☐	2500.000	2503.256	10136942.63	0.5860	A	1.6
6	☐	5000.000	4972.414	20380959.83	1.1641	A	0.3
7	☐	10000.000	10012.367	41056888.28	2.3439	A	1.0
8	☐			15328.49	0.0009	P	25.9

$$y = 2.3410E-004 * x + 1.3294E-005$$

$$R = 1.0000$$

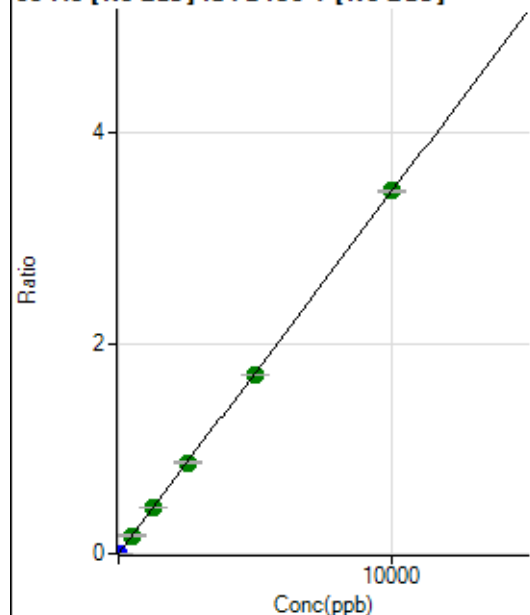
$$DL = 0.008467$$

$$BEC = 0.05679$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.56	0.0000	P	11.5
2	☐	5.000	4.978	29710.13	0.0017	P	1.7
3	☐	500.000	496.110	3033357.35	0.1706	A	5.5
4	☐	1250.000	1258.912	7430280.72	0.4330	A	1.2
5	☐	2500.000	2513.596	14955066.17	0.8646	A	1.5
6	☐	5000.000	4947.103	29792239.00	1.7016	A	0.8
7	☐	10000.000	10022.130	60382263.55	3.4472	A	0.5
8	☐			24589.25	0.0015	P	20.9

$$y = 3.4396E-004 * x + 8.9873E-007$$

$$R = 1.0000$$

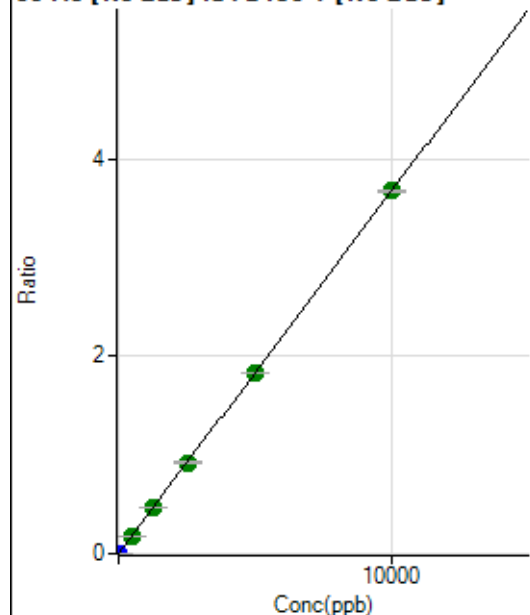
$$DL = 0.0009004$$

$$BEC = 0.002613$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.22	0.0000	P	16.8
2	☐	5.000	5.054	32314.67	0.0019	P	0.9
3	☐	500.000	492.635	3217545.16	0.1809	A	3.9
4	☐	1250.000	1264.254	7967932.80	0.4643	A	0.5
5	☐	2500.000	2515.477	15981327.12	0.9239	A	1.9
6	☐	5000.000	4978.822	32016638.41	1.8286	A	0.8
7	☐	10000.000	10005.306	64371437.38	3.6748	A	0.8
8	☐			42854.91	0.0027	P	16.5

$$y = 3.6728\text{E-}004 * x + 7.0681\text{E-}006$$

$$R = 1.0000$$

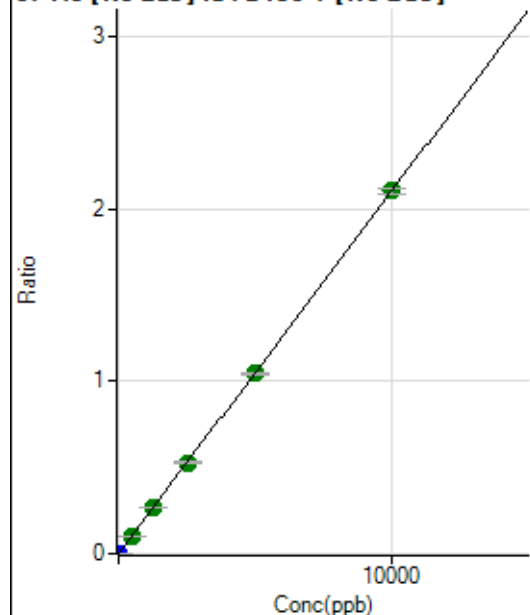
$$DL = 0.009683$$

$$BEC = 0.01924$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	18.4
2	☐	5.000	4.974	18136.94	0.0010	P	2.4
3	☐	500.000	491.654	1836742.49	0.1033	A	4.5
4	☐	1250.000	1256.841	4531664.93	0.2641	A	0.2
5	☐	2500.000	2512.621	9132041.46	0.5279	A	2.2
6	☐	5000.000	4965.025	18265762.51	1.0432	A	0.8
7	☐	10000.000	10013.894	36856942.51	2.1041	A	1.4
8	☐			12555.82	0.0008	P	29.0

$$y = 2.1012\text{E-}004 * x + 6.4310\text{E-}007$$

$$R = 1.0000$$

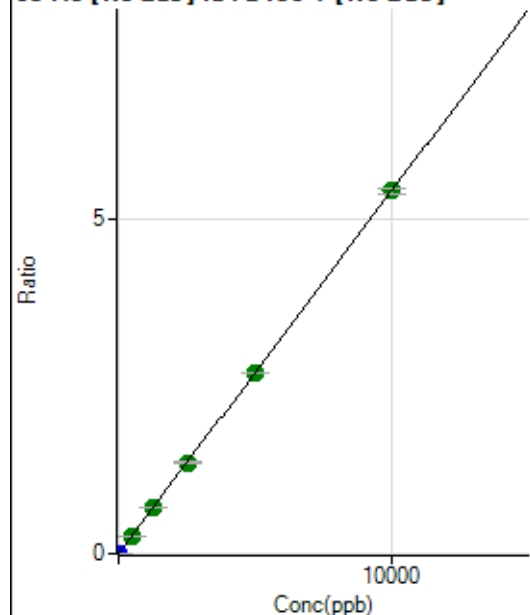
$$DL = 0.001687$$

$$BEC = 0.003061$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0000	P	29.4
2	☐	5.000	5.021	47228.32	0.0027	P	1.3
3	☐	500.000	490.247	4723640.97	0.2657	A	4.2
4	☐	1250.000	1257.145	11690046.22	0.6812	A	0.2
5	☐	2500.000	2510.449	23531921.32	1.3604	A	1.1
6	☐	5000.000	4985.065	47298000.96	2.7014	A	0.9
7	☐	10000.000	10004.450	94962940.81	5.4214	A	1.3
8	☐			28803.07	0.0018	P	34.0

$$y = 5.4190\text{E-}004 * x + 2.1882\text{E-}006$$

$$R = 1.0000$$

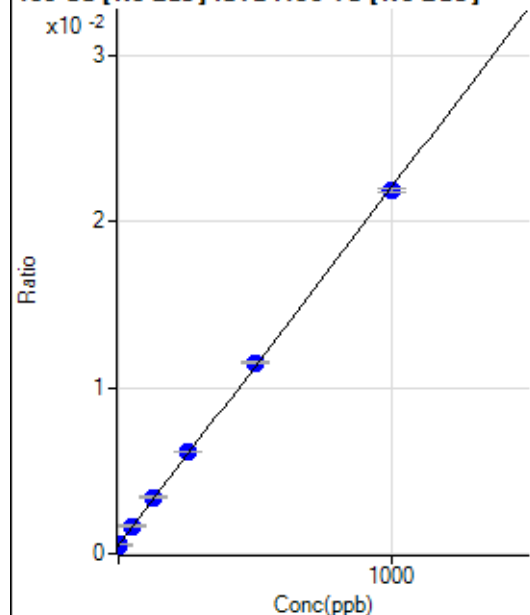
$$DL = 0.003567$$

$$BEC = 0.004038$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6907.26	0.0005	P	2.8
2	☐	1.000	0.737	7249.66	0.0005	P	3.5
3	☐	50.000	52.921	22977.16	0.0017	P	4.4
4	☐	125.000	134.529	46484.27	0.0034	P	0.8
5	☐	250.000	261.876	84884.18	0.0062	P	1.2
6	☐	500.000	510.757	159984.08	0.0115	P	1.4
7	☐	1000.000	990.315	304344.54	0.0218	P	1.2
8	☐			6724.96	0.0005	P	2.4

$$y = 2.1539\text{E-}005 * x + 5.1550\text{E-}004$$

$$R = 0.9998$$

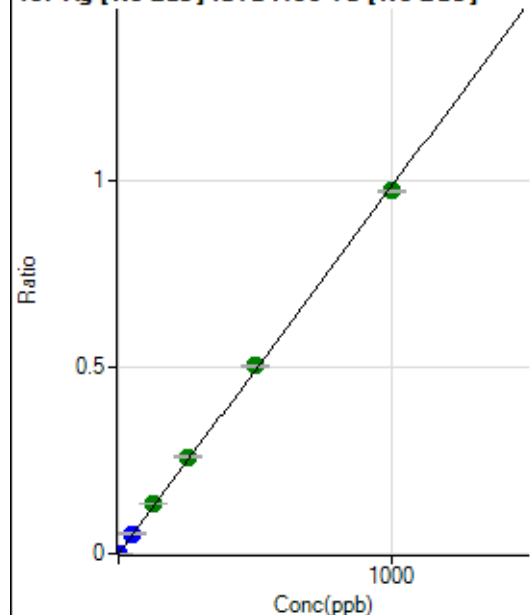
$$DL = 1.992$$

$$BEC = 23.93$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	27.4
2	☐	1.000	1.091	14719.78	0.0011	P	0.6
3	☐	50.000	54.577	744809.12	0.0537	P	4.1
4	☐	125.000	136.294	1824756.52	0.1340	A	1.4
5	☐	250.000	263.447	3571090.47	0.2590	A	2.3
6	☐	500.000	512.835	7003244.13	0.5041	A	1.1
7	☐	1000.000	988.580	13539125.77	0.9718	A	0.3
8	☐			7184.11	0.0006	P	15.7

$$y = 9.8304\text{E-}004 * x + 5.7925\text{E-}006$$

$$R = 0.9997$$

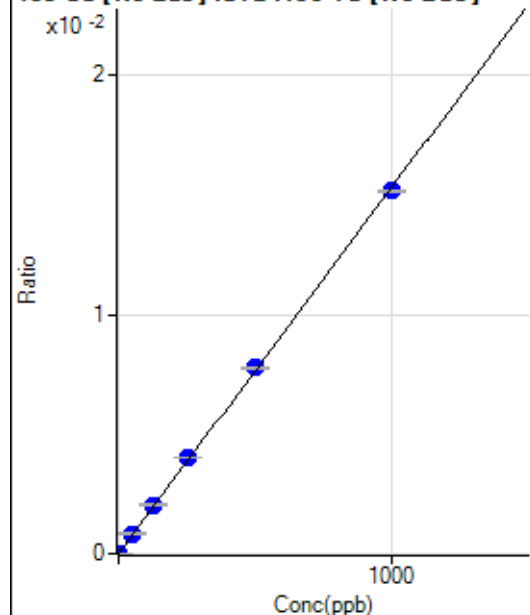
$$DL = 0.00484$$

$$BEC = 0.005892$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	21.2
2	☐	1.000	1.005	226.67	0.0000	P	2.0
3	☐	50.000	54.586	11603.63	0.0008	P	5.7
4	☐	125.000	133.820	27895.76	0.0020	P	0.7
5	☐	250.000	263.840	55664.01	0.0040	P	0.7
6	☐	500.000	508.187	108002.16	0.0078	P	1.3
7	☐	1000.000	991.115	211225.12	0.0152	P	0.5
8	☐			127.78	0.0000	P	26.8

$$y = 1.5296\text{E-}005 * x + 1.2458\text{E-}006$$

$$R = 0.9998$$

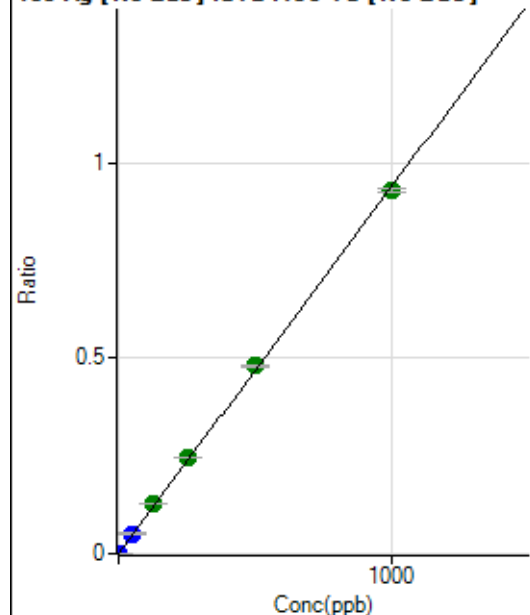
$$DL = 0.05175$$

$$BEC = 0.08144$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.44	0.0000	P	31.5
2	☐	1.000	1.113	14272.68	0.0010	P	2.0
3	☐	50.000	54.240	706247.57	0.0509	P	4.9
4	☐	125.000	136.037	1738143.46	0.1276	A	1.9
5	☐	250.000	263.088	3403289.12	0.2468	A	1.1
6	☐	500.000	512.466	6678788.86	0.4808	A	1.4
7	☐	1000.000	988.903	12924461.89	0.9277	A	1.2
8	☐			6593.82	0.0005	P	17.6

$$y = 9.3814\text{E-}004 * x + 1.8240\text{E-}006$$

$$R = 0.9998$$

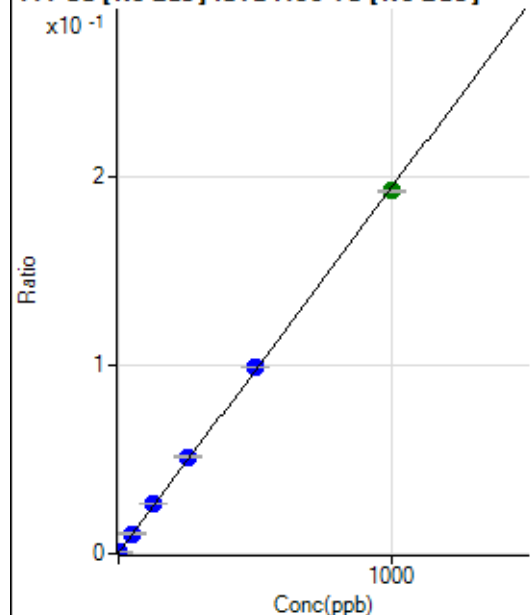
$$DL = 0.001835$$

$$BEC = 0.001944$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4826.75	0.0004	P	2.7
2	☐	1.000	1.061	7726.40	0.0006	P	3.0
3	☐	50.000	53.358	148814.10	0.0107	P	4.2
4	☐	125.000	134.255	359959.78	0.0264	P	0.9
5	☐	250.000	262.769	708507.12	0.0514	P	1.1
6	☐	500.000	508.430	1376428.19	0.0991	P	0.6
7	☐	1000.000	991.268	2686524.03	0.1928	A	0.6
8	☐			5721.41	0.0005	P	3.7

$$y = 1.9417\text{E-}004 * x + 3.6023\text{E-}004$$

$$R = 0.9998$$

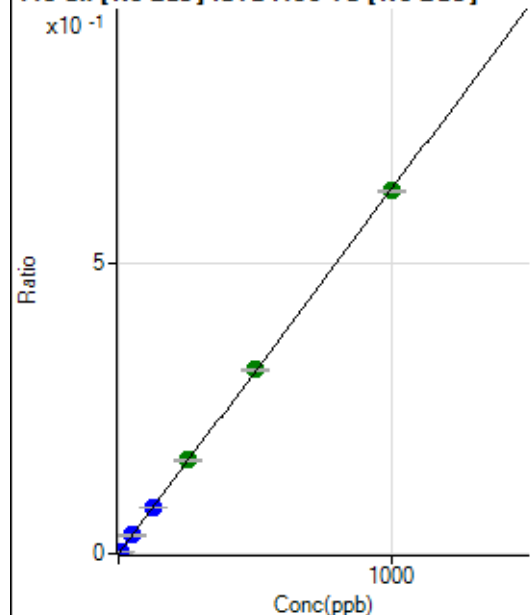
$$DL = 0.1518$$

$$BEC = 1.855$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	751.14	0.0001	P	6.5
2	☐	5.000	5.147	44708.05	0.0033	P	1.2
3	☐	50.000	50.375	438235.12	0.0316	P	4.9
4	☐	125.000	128.484	1095661.55	0.0804	P	0.3
5	☐	250.000	256.314	2212193.98	0.1604	A	2.3
6	☐	500.000	505.182	4391816.05	0.3161	A	0.9
7	☐	1000.000	995.376	8677389.24	0.6229	A	0.3
8	☐			5382.19	0.0004	P	15.4

$$y = 6.2570\text{E-}004 * x + 5.6079\text{E-}005$$

$$R = 1.0000$$

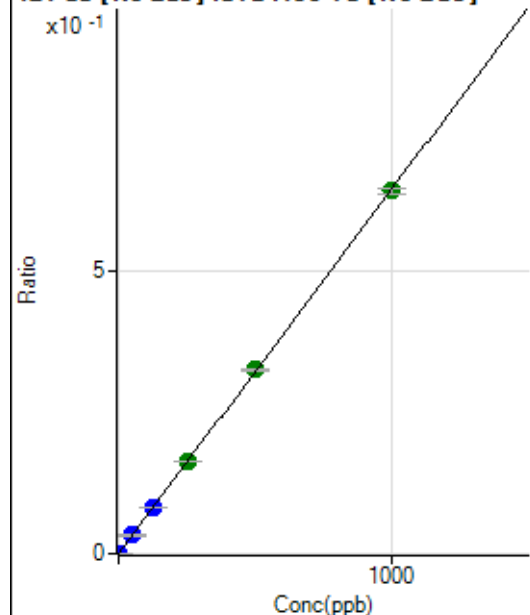
$$DL = 0.01754$$

$$BEC = 0.08963$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.44	0.0000	P	5.7
2	☐	2.000	2.044	18033.65	0.0013	P	1.1
3	☐	50.000	50.664	453826.45	0.0327	P	4.5
4	☐	125.000	128.023	1125220.56	0.0826	P	0.6
5	☐	250.000	254.654	2265941.53	0.1643	A	0.4
6	☐	500.000	504.398	4521672.61	0.3255	A	0.7
7	☐	1000.000	996.226	8956017.71	0.6429	A	1.5
8	☐			5468.88	0.0004	P	6.1

$$y = 6.4531\text{E-}004 * x + 2.5704\text{E-}006$$

$$R = 1.0000$$

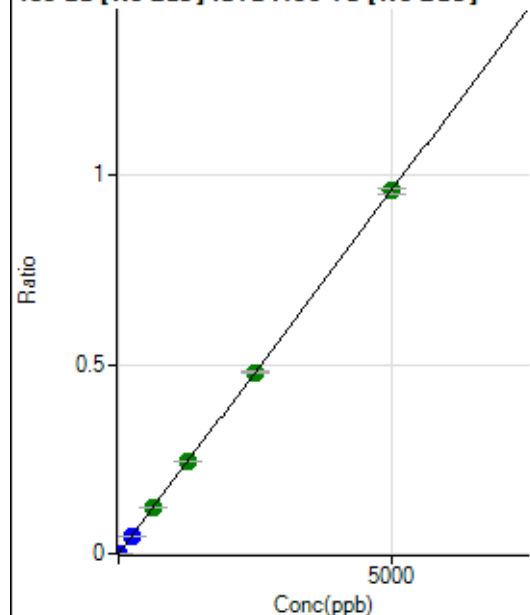
$$DL = 0.0006782$$

$$BEC = 0.003983$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0000	P	59.2
2	☐	10.000	9.802	25708.87	0.0019	P	1.7
3	☐	250.000	245.962	655823.14	0.0472	P	4.3
4	☐	625.000	631.732	1652742.75	0.1214	A	0.2
5	☐	1250.000	1268.727	3360511.16	0.2437	A	1.2
6	☐	2500.000	2497.954	6665606.08	0.4798	A	1.2
7	☐	5000.000	4995.702	13369302.58	0.9596	A	1.3
8	☐			7952.33	0.0006	P	15.6

$$y = 1.9209\text{E-}004 * x + 1.3218\text{E-}006$$

$$R = 1.0000$$

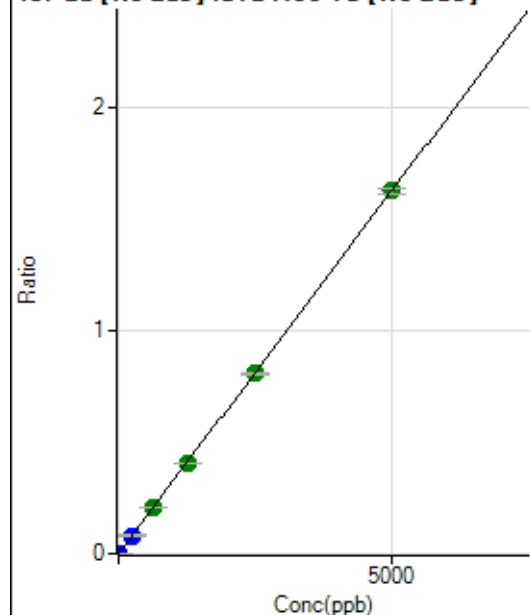
$$DL = 0.01222$$

$$BEC = 0.006881$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.45	0.0000	P	12.1
2	☐	10.000	10.004	44403.75	0.0033	P	0.9
3	☐	250.000	246.995	1114404.93	0.0803	P	4.3
4	☐	625.000	637.772	2823440.84	0.2073	A	0.7
5	☐	1250.000	1255.328	5626165.78	0.4080	A	0.5
6	☐	2500.000	2486.590	11227451.50	0.8082	A	1.2
7	☐	5000.000	5003.927	22660016.47	1.6265	A	1.3
8	☐			13593.40	0.0011	P	15.7

$$y = 3.2504\text{E-}004 * x + 2.5726\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.002883$$

$$BEC = 0.007915$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	78.1
2	☐			16.67		P	52.9
3	☐			80.00		P	30.0
4	☐			205.56		P	9.9
5	☐			377.79		P	3.6
6	☐			721.14		P	10.5
7	☐			1463.43		P	2.6
8	☐			92.22		P	25.4

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐			2.22		P	86.6
3	☐			26.66		P	21.7
4	☐			50.00		P	29.1
5	☐			87.78		P	12.2
6	☐			142.22		P	14.1
7	☐			315.56		P	10.0
8	☐			47.78		P	28.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			17.78		P	39.0
3	☐			54.45		P	12.7
4	☐			116.67		P	12.5
5	☐			217.78		P	6.2
6	☐			393.34		P	7.2
7	☐			747.80		P	7.4
8	☐			2173.52		P	3.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			10.00		P	33.3
3	☐			61.11		P	22.1
4	☐			120.00		P	26.5
5	☐			233.34		P	8.0
6	☐			465.57		P	1.8
7	☐			891.15		P	7.5
8	☐			1575.66		P	5.7

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

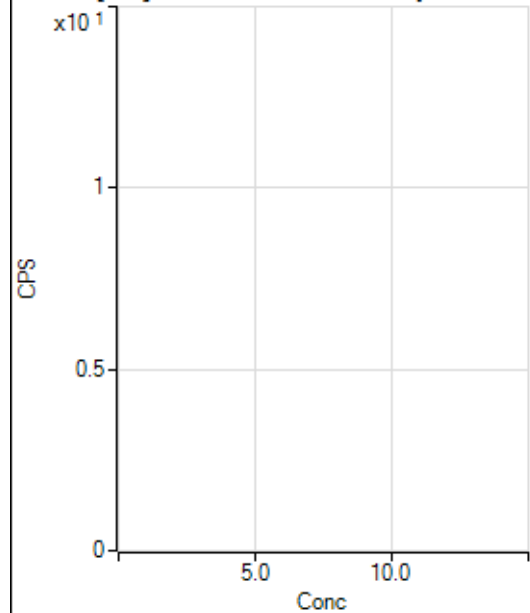
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			74.45		P	18.1
2	☐			67.78		P	30.1
3	☐			103.34		P	9.7
4	☐			160.00		P	2.1
5	☐			186.67		P	13.5
6	☐			354.45		P	2.7
7	☐			685.58		P	5.6
8	☐			2246.87		P	2.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			576.69		P	5.8
2	☐			658.91		P	5.2
3	☐			574.46		P	5.8
4	☐			634.47		P	10.6
5	☐			625.57		P	3.7
6	☐			768.92		P	4.8
7	☐			945.60		P	9.9
8	☐			2247.99		P	2.2

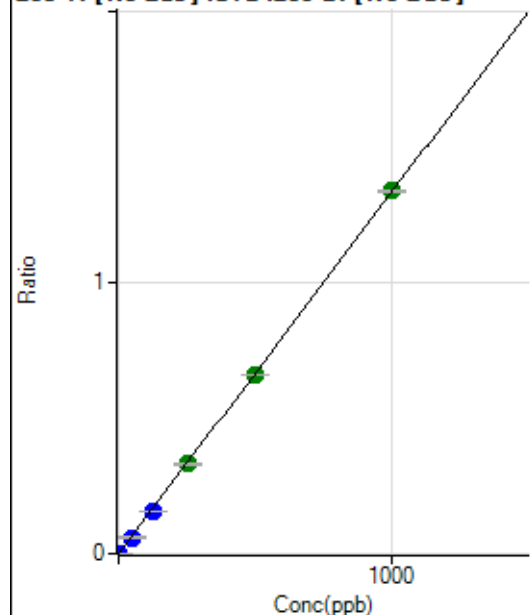
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.22		P	7.5
2	☐			93.34		P	16.4
3	☐			107.78		P	6.4
4	☐			98.89		P	22.9
5	☐			133.34		P	15.2
6	☐			162.23		P	17.7
7	☐			176.67		P	20.4
8	☐			202.23		P	17.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.33		P	22.5
2	☐			65.55		P	36.8
3	☐			68.89		P	11.2
4	☐			76.67		P	28.5
5	☐			76.66		P	7.5
6	☐			101.11		P	16.6
7	☐			107.78		P	3.6
8	☐			118.89		P	4.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	124.45	0.0000	P	21.6
2	☐	1.000	0.896	10290.63	0.0012	P	0.8
3	☐	50.000	44.984	518445.99	0.0600	P	4.5
4	☐	125.000	116.961	1315267.77	0.1560	P	0.7
5	☐	250.000	247.768	2809177.46	0.3304	A	1.9
6	☐	500.000	494.868	5494842.49	0.6598	A	0.5
7	☐	1000.000	1004.380	10854634.14	1.3391	A	0.3
8	☐			2229.12	0.0003	P	43.0

$$y = 0.0013 * x + 1.5006E-005$$

$$R = 1.0000$$

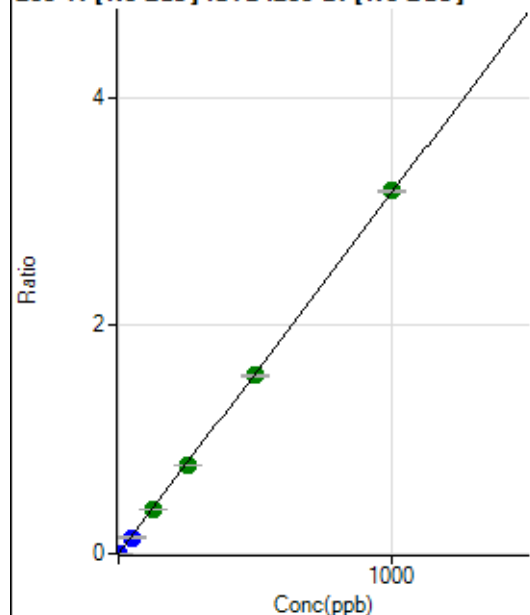
$$DL = 0.007281$$

$$BEC = 0.01126$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	304.45	0.0000	P	13.8
2	☐	1.000	0.901	24564.44	0.0029	P	1.4
3	☐	50.000	44.989	1229819.25	0.1423	P	4.7
4	☐	125.000	121.899	3251531.44	0.3855	A	0.9
5	☐	250.000	245.059	6590654.83	0.7750	A	1.2
6	☐	500.000	493.172	12989186.89	1.5597	A	0.4
7	☐	1000.000	1005.287	25770332.67	3.1793	A	0.5
8	☐			5265.64	0.0008	P	40.5

$$y = 0.0032 * x + 3.6669E-005$$

$$R = 0.9999$$

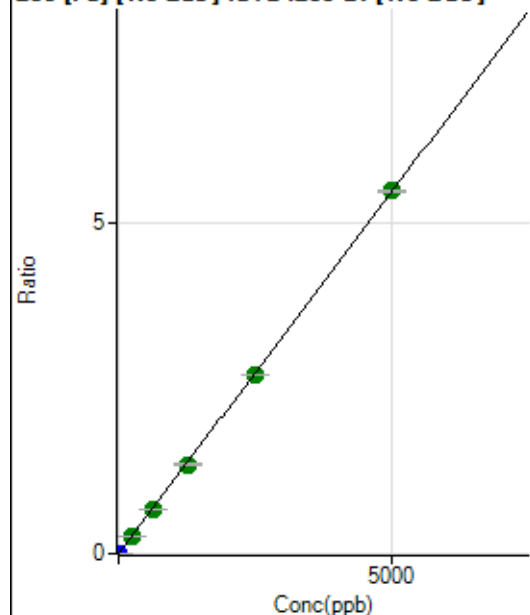
$$DL = 0.004793$$

$$BEC = 0.01159$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	246.67	0.0000	P	7.1
2	☐	1.000	0.879	8439.37	0.0010	P	1.4
3	☐	250.000	233.857	2213570.57	0.2561	A	4.3
4	☐	625.000	610.334	5637049.71	0.6684	A	0.7
5	☐	1250.000	1230.615	11460025.80	1.3477	A	1.0
6	☐	2500.000	2480.536	22622508.55	2.7164	A	0.2
7	☐	5000.000	5017.219	44535959.33	5.4943	A	0.6
8	☐			12098.10	0.0019	P	30.6

$$y = 0.0011 * x + 2.9758E-005$$

$$R = 1.0000$$

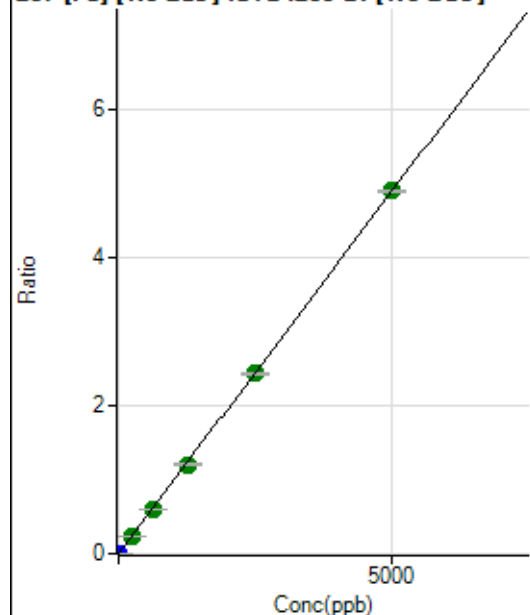
$$DL = 0.005808$$

$$BEC = 0.02717$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	181.11	0.0000	P	10.2
2	☐	1.000	0.869	7405.42	0.0009	P	2.3
3	☐	250.000	235.521	1987004.54	0.2299	A	5.2
4	☐	625.000	620.067	5105086.07	0.6053	A	0.8
5	☐	1250.000	1234.348	10246565.40	1.2050	A	2.0
6	☐	2500.000	2484.440	20197934.70	2.4253	A	0.2
7	☐	5000.000	5013.034	39666866.35	4.8937	A	0.4
8	☐			10238.68	0.0016	P	29.3

$$y = 9.7618E-004 * x + 2.1823E-005$$

$$R = 1.0000$$

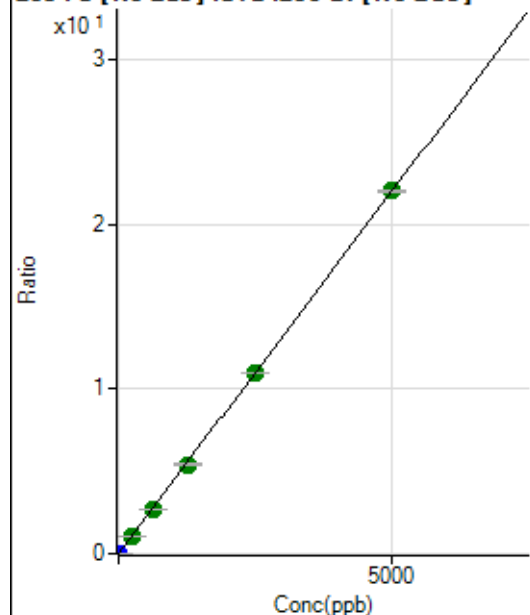
$$DL = 0.006826$$

$$BEC = 0.02236$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	990.02	0.0001	P	1.4
2	☐	1.000	0.879	33894.64	0.0040	P	0.8
3	☐	250.000	236.455	8986913.34	1.0398	A	4.2
4	☐	625.000	614.648	22793849.21	2.7027	A	1.0
5	☐	1250.000	1229.228	45961888.07	5.4050	A	1.5
6	☐	2500.000	2489.868	91175391.42	10.9480	A	0.3
7	☐	5000.000	5012.230	178642539.84	22.0387	A	0.4
8	☐			47544.19	0.0073	P	30.4

$$y = 0.0044 * x + 1.1938E-004$$

$$R = 1.0000$$

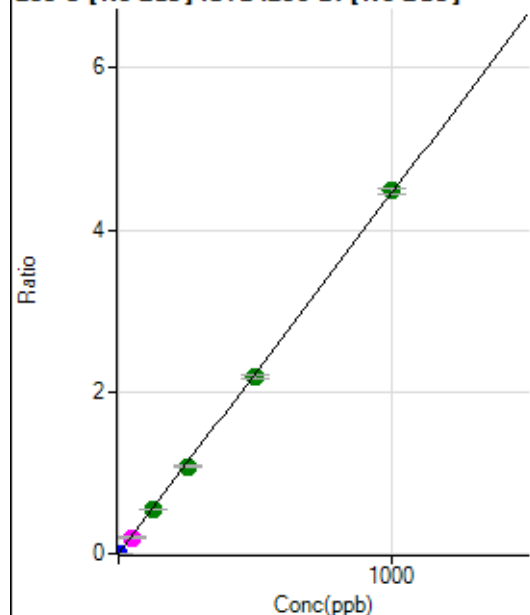
$$DL = 0.001173$$

$$BEC = 0.02715$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.78	0.0000	P	24.3
2	☐	1.000	0.827	31296.22	0.0037	P	2.2
3	☐	50.000	44.045	1691337.52	0.1960	M	11.0
4	☐	125.000	121.019	4541770.80	0.5385	A	0.3
5	☐	250.000	242.442	9174138.40	1.0789	A	2.0
6	☐	500.000	491.687	18221626.54	2.1880	A	1.7
7	☐	1000.000	1006.842	36319905.57	4.4804	A	1.2
8	☐			6120.64	0.0009	P	46.8

$$y = 0.0044 * x + 9.3746E-007$$

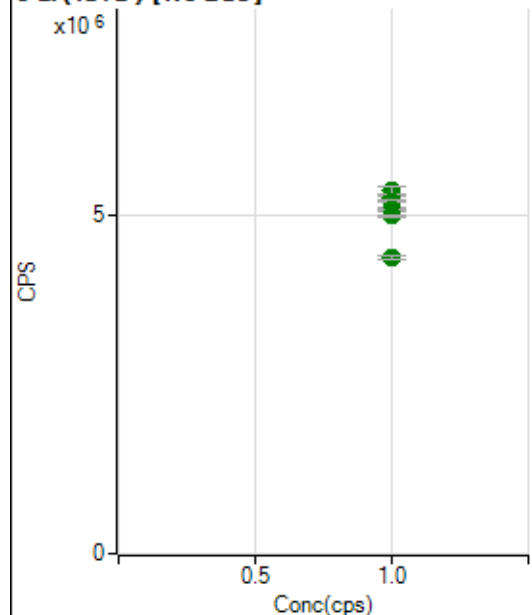
$$R = 0.9999$$

$$DL = 0.0001533$$

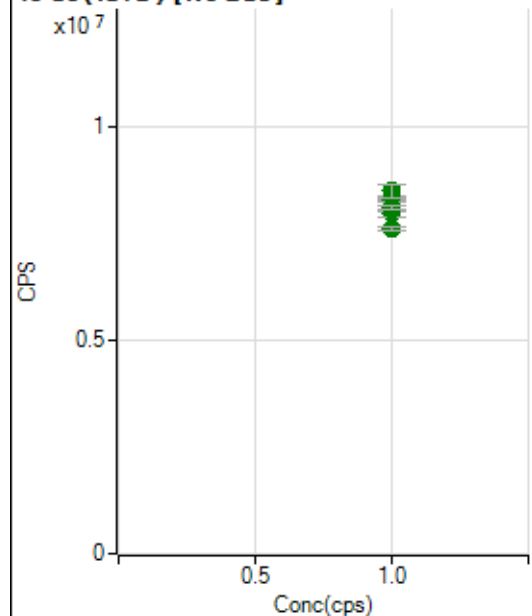
$$BEC = 0.0002107$$

Weight: <None>

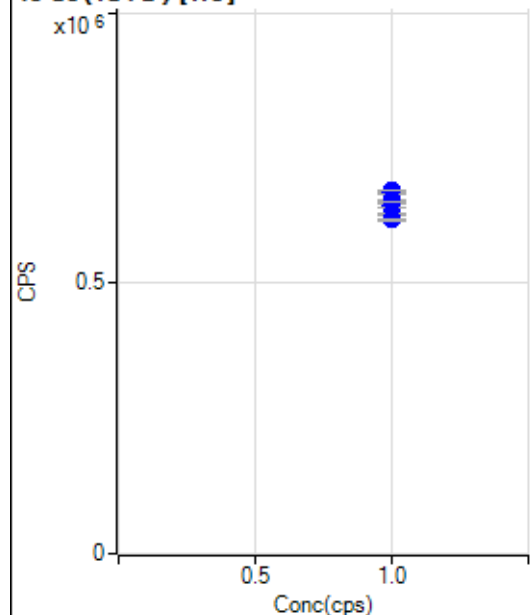
Min Conc: 0

6 Li (ISTD) [No Gas]

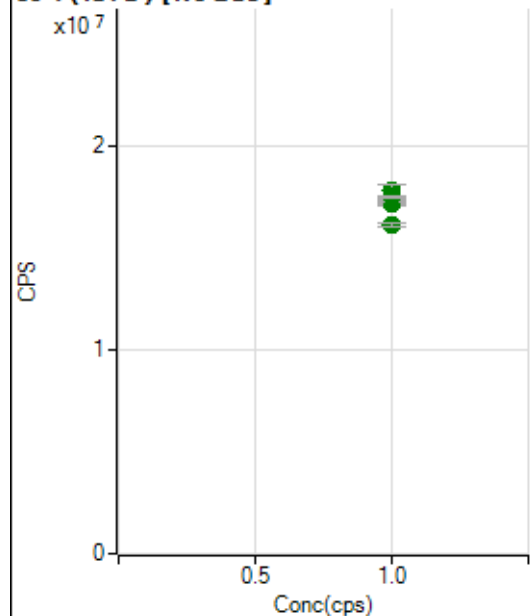
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5271441.48		A	1.5
2	☐	1.000		5272662.94		A	1.5
3	☐	1.000		5371963.81		A	2.1
4	☐	1.000		5214332.28		A	0.4
5	☐	1.000		5084285.82		A	1.1
6	☐	1.000		5077653.78		A	0.7
7	☐	1.000		4998902.32		A	0.4
8	☐	1.000		4381258.16		A	1.5

45 Sc (ISTD) [No Gas]

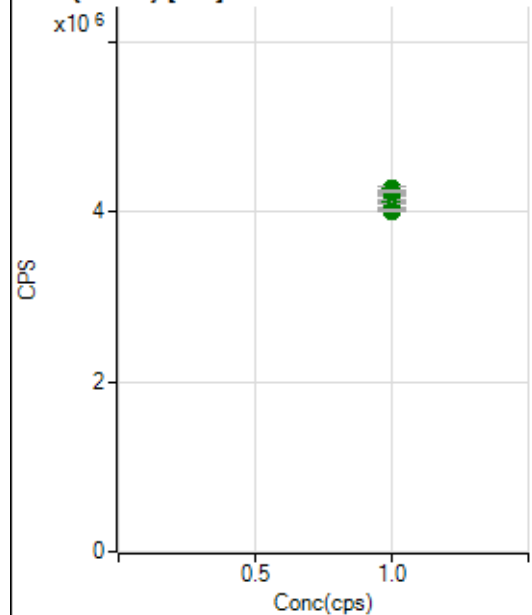
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8354674.88		A	0.8
2	☐	1.000		8298030.23		A	1.5
3	☐	1.000		8513233.97		A	3.9
4	☐	1.000		8088675.09		A	1.8
5	☐	1.000		7971037.03		A	1.6
6	☐	1.000		8057167.10		A	0.1
7	☐	1.000		8124392.10		A	1.0
8	☐	1.000		7621336.28		A	1.2

45 Sc (ISTD) [He]

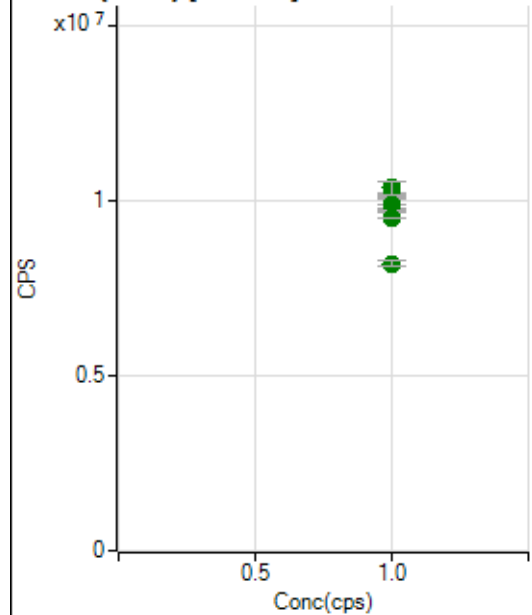
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		670481.27		P	0.5
2	☐	1.000		667978.50		P	0.9
3	☐	1.000		653736.52		P	0.3
4	☐	1.000		626648.57		P	0.5
5	☐	1.000		628451.65		P	0.5
6	☐	1.000		643830.73		P	1.2
7	☐	1.000		650528.91		P	0.1
8	☐	1.000		617827.37		P	0.4

89 Y (ISTD) [No Gas]

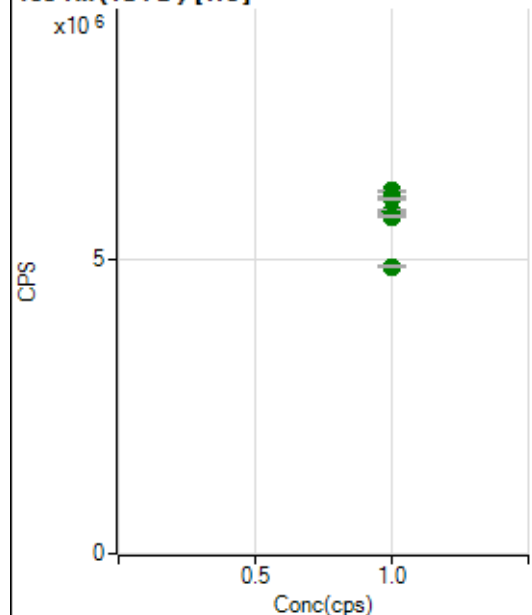
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17296600.99		A	1.0
2	☐	1.000		17344670.30		A	1.3
3	☐	1.000		17796078.21		A	3.1
4	☐	1.000		17159767.80		A	0.6
5	☐	1.000		17298187.66		A	0.3
6	☐	1.000		17508146.82		A	0.6
7	☐	1.000		17516547.52		A	0.6
8	☐	1.000		16144158.51		A	0.9

89 Y(ISTD) [He]

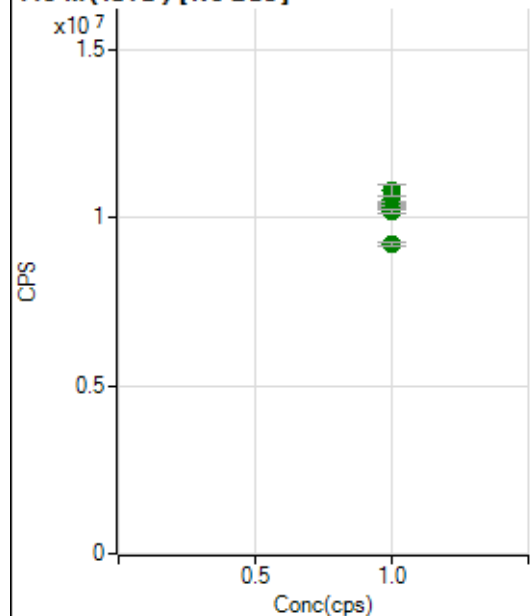
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4274574.56		A	1.2
2	☐	1.000		4232096.95		A	0.7
3	☐	1.000		4201286.15		A	0.6
4	☐	1.000		4090302.13		A	1.3
5	☐	1.000		4124520.04		A	1.5
6	☐	1.000		4227200.91		A	1.3
7	☐	1.000		4247730.60		A	0.1
8	☐	1.000		4015019.49		A	0.7

103 Rh(ISTD) [No Gas]

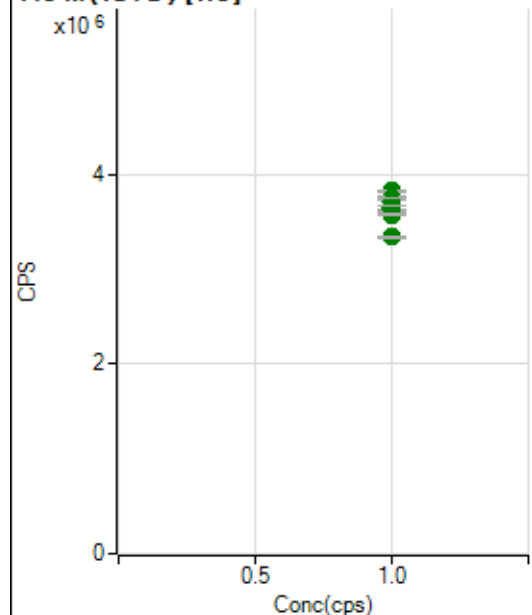
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10216225.20		A	0.1
2	☐	1.000		10101024.85		A	0.9
3	☐	1.000		10383341.30		A	4.0
4	☐	1.000		9897801.03		A	0.0
5	☐	1.000		9772307.50		A	0.9
6	☐	1.000		9715116.73		A	0.3
7	☐	1.000		9524537.08		A	0.4
8	☐	1.000		8221089.74		A	1.6

103 Rh (ISTD) [He]

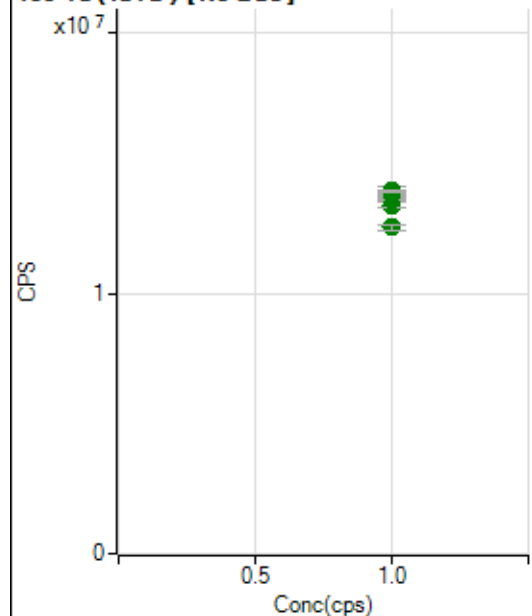
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6180898.59		A	0.8
2	☐	1.000		6092968.94		A	0.5
3	☐	1.000		6045655.95		A	0.8
4	☐	1.000		5825670.95		A	0.7
5	☐	1.000		5802441.37		A	0.7
6	☐	1.000		5838525.54		A	1.0
7	☐	1.000		5748917.41		A	1.0
8	☐	1.000		4892200.93		A	0.6

115 In (ISTD) [No Gas]

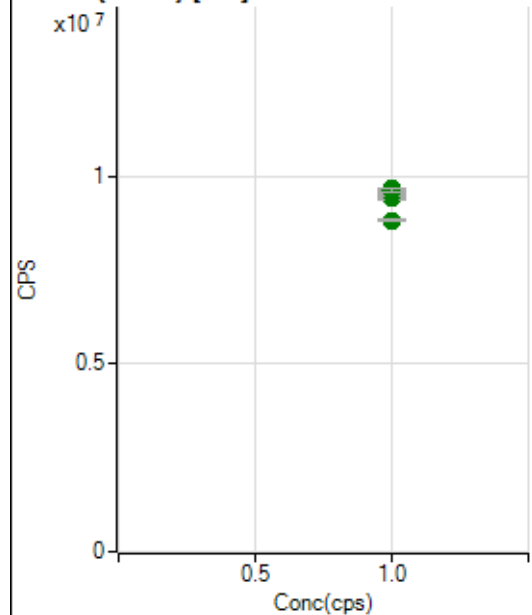
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10523321.77		A	2.1
2	☐	1.000		10406101.33		A	0.8
3	☐	1.000		10790697.45		A	3.3
4	☐	1.000		10315260.11		A	0.4
5	☐	1.000		10293920.64		A	0.9
6	☐	1.000		10306963.57		A	1.0
7	☐	1.000		10177536.15		A	0.9
8	☐	1.000		9223360.08		A	1.4

115 In (ISTD) [He]

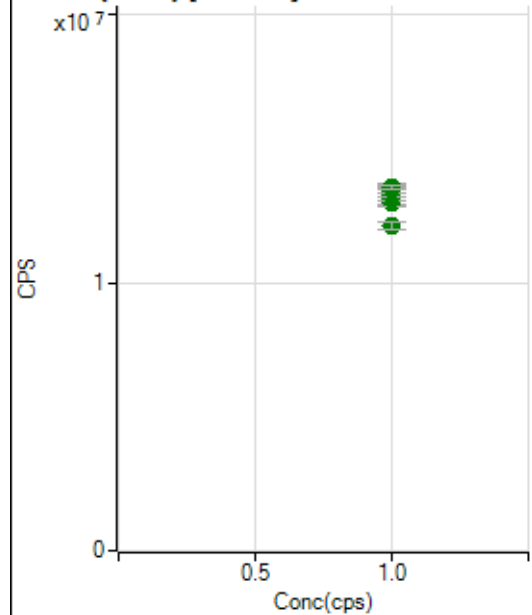
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3828788.61		A	0.4
2	☐	1.000		3752533.05		A	0.7
3	☐	1.000		3712703.54		A	1.8
4	☐	1.000		3618107.02		A	0.5
5	☐	1.000		3642587.08		A	1.2
6	☐	1.000		3646489.59		A	1.8
7	☐	1.000		3581304.94		A	0.7
8	☐	1.000		3339481.59		A	1.0

159 Tb (ISTD) [No Gas]

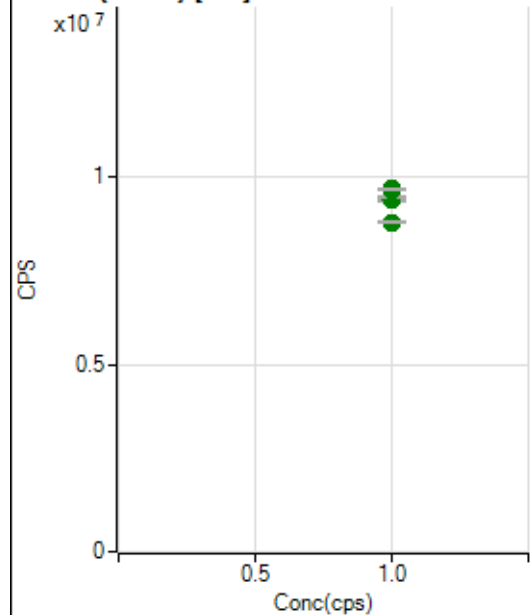
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13401301.33		A	1.2
2	☐	1.000		13645514.94		A	1.1
3	☐	1.000		13892250.76		A	3.0
4	☐	1.000		13619496.19		A	0.7
5	☐	1.000		13788533.13		A	0.3
6	☐	1.000		13891349.51		A	0.5
7	☐	1.000		13931569.93		A	0.7
8	☐	1.000		12519689.81		A	1.4

159 Tb (ISTD) [He]

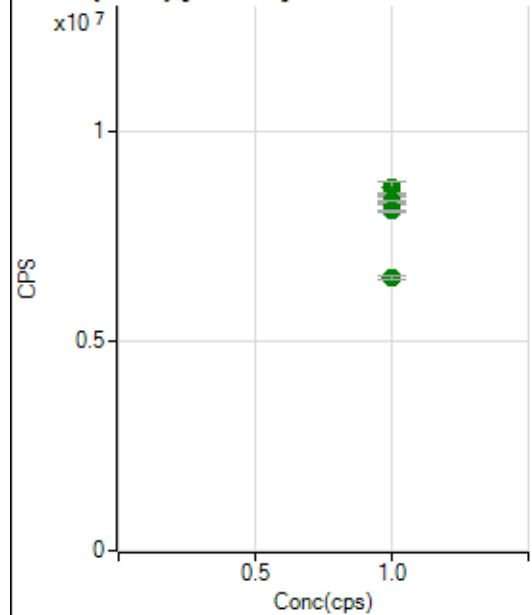
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9474636.11		A	0.9
2	☐	1.000		9452723.40		A	0.9
3	☐	1.000		9404028.40		A	1.0
4	☐	1.000		9401919.17		A	0.4
5	☐	1.000		9506313.05		A	0.9
6	☐	1.000		9665692.22		A	0.2
7	☐	1.000		9631311.52		A	1.6
8	☐	1.000		8834835.01		A	0.2

165 Ho (ISTD) [No Gas]

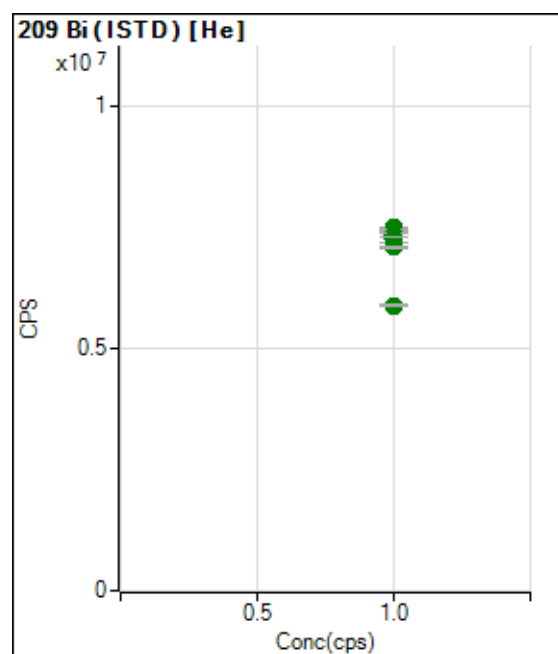
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12991053.00		A	0.7
2	☐	1.000		12966874.95		A	1.3
3	☐	1.000		13452651.05		A	3.5
4	☐	1.000		13128516.20		A	0.8
5	☐	1.000		13279857.58		A	1.2
6	☐	1.000		13465645.22		A	1.2
7	☐	1.000		13547330.49		A	1.2
8	☐	1.000		12126933.57		A	2.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9474901.80		A	0.6
2	☐	1.000		9378500.21		A	0.7
3	☐	1.000		9432537.50		A	0.6
4	☐	1.000		9375373.82		A	1.1
5	☐	1.000		9461799.24		A	0.8
6	☐	1.000		9662202.15		A	0.4
7	☐	1.000		9687250.83		A	0.5
8	☐	1.000		8802918.34		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8293956.47		A	1.2
2	☐	1.000		8507258.69		A	0.2
3	☐	1.000		8651166.75		A	3.5
4	☐	1.000		8433632.79		A	0.2
5	☐	1.000		8503658.28		A	0.1
6	☐	1.000		8328025.78		A	0.2
7	☐	1.000		8105940.85		A	0.8
8	☐	1.000		6519650.18		A	1.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7485257.60		A	0.4
2	☐	1.000		7451590.86		A	0.7
3	☐	1.000		7463217.80		A	0.2
4	☐	1.000		7325372.95		A	1.0
5	☐	1.000		7253287.11		A	1.5
6	☐	1.000		7248007.88		A	1.4
7	☐	1.000		7086076.56		A	0.4
8	☐	1.000		5876150.12		A	0.6

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7031523 MS.b
Acq. Date-Time 2023-03-15 12:33:21
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		19015	190152.38			0.373	5.000
24		183369	1833685.63			0.712	5.000
25		25538	255379.89			0.438	5.000
26		28787	287872.60			0.275	5.000
59		116330	1163299.10			0.557	5.000
113		11263	112634.43			0.416	5.000
115		144986	1449864.26			0.672	5.000
206		32274	322743.56			0.409	5.000
207		29595	295952.32			0.533	5.000
208		69926	699255.07			0.418	5.000
220		0	2.70			30.987	

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

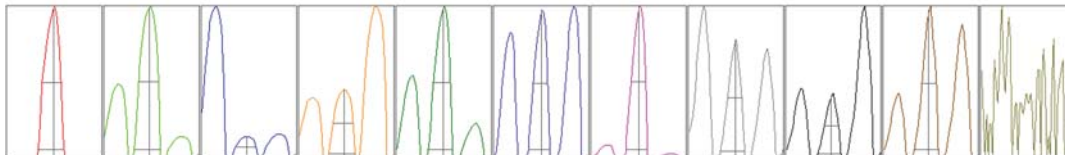
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	19027	19094	19069	18928	18958
24	181506	183130	183087	184994	184125
25	25497	25450	25652	25429	25662
26	28725	28711	28910	28792	28799
59	115382	116586	115978	117010	116693
113	11244	11262	11344	11225	11243
115	143887	146149	144673	144366	145858
206	32459	32135	32284	32162	32331
207	29523	29793	29690	29589	29381
208	69490	70187	70203	69865	69882

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	34939.12	9.00	8.90 - 9.10	
24	308900.57	23.95	23.90 - 24.10	
25	41295.14	24.95	24.90 - 25.10	
26	47155.31	25.95	25.90 - 26.10	
59	226893.15	59.00	58.90 - 59.10	
113	25482.19	113.05	112.90 - 113.10	
115	321561.45	115.05	114.90 - 115.10	
206	72678.77	206.00	205.90 - 206.10	
207	64270.41	206.95	206.90 - 207.10	
208	153789.86	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.815	0.900	
24	0.63	0.823	0.900	
25	0.65	0.793	0.900	
26	0.64	0.830	0.900	
59	0.53	0.767	0.900	
113	0.45	0.683	0.900	
115	0.46	0.683	0.900	
206	0.45	0.765	0.900	
207	0.46	0.725	0.900	
208	0.45	0.750	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.9 V	Deflect	15.4 V
Extract 2	-120.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	123	Axis Gain	1.0003	QP Bias	-3.0 V
Mass Offset	124	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	1.2 mm
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EM

Discriminator	3.1 mV	Analog HV	2255 V	Pulse HV	1483 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		38026	380256.91			0.261	
89		65065	650646.16			1.172	
205		33740	337395.97			0.380	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	37991	38071	38072	37870	38125
89	66010	64142	64515	65591	65065
205	33699	33794	33773	33544	33888

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.4 V	Deflect	3.8 V
-----------	-------	------------	-------	---------	-------

US EPA Tune Check Report

Extract 2	-130.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-75 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	1.0003	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	1.2 mm
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EM

Discriminator	3.1 mV	Analog HV	2255 V	Pulse HV	1483 V
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LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:16:45	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.03	-0.04	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.00	-0.01	0.01	0.00	N/A	ppb
Boron	11-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	-0.06	0.04	0.00	N/A	ppb
Cadmium	106-1	0.23	-0.75	0.52	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.02	0.00	0.00	N/A	ppb
Calcium	43-1	0.24	-0.07	-0.17	0.00	N/A	ppb
Calcium	44-1	-0.06	-0.31	0.37	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	0.04	-0.02	0.00	N/A	ppb
Iron	57-2	-0.65	0.50	0.15	0.00	N/A	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:16:45	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.05	-0.01	-0.04	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.01	0.06	-0.04	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-13.56	-7.93	-10.17	-10.55		ppb
Potassium	39-2	-1.24	-0.77	2.01	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.04	-0.21	0.18	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.60	0.50	0.09	0.00	N/A	ppb
Silicon	28-1	0.00	-0.01	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.08	0.19	-0.12	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-0.91	-29.89	-99.71	-43.50		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:16:45	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	0.01	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:23:16	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.97	21.63	21.37	21.32	1.55	ppb
Antimony	121-1	2.07	2.03	2.03	2.04	1.11	ppb
Arsenic	75-2	1.14	1.20	1.16	1.17	2.37	ppb
Barium	135-1	9.94	9.62	9.85	9.80	1.69	ppb
Barium	137-1	10.08	9.91	10.02	10.00	0.86	ppb
Beryllium	9-1	1.19	1.11	1.16	1.16	3.41	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	18.23	19.18	19.64	19.02	3.81	ppb
Boron	11-1	18.44	19.48	19.74	19.22	3.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.12	0.96	1.10	1.06	8.14	ppb
Cadmium	106-1	1.46	-0.23	0.98	0.74	118.74	ppb
Cadmium	108-1	1.00	0.98	1.03	1.00	2.18	ppb
Calcium	43-1	545.02	548.43	537.69	543.71	1.01	ppb
Calcium	44-1	549.96	553.65	542.70	548.77	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	2.06	2.08	2.08	0.70	ppb
Cobalt	59-2	1.10	1.04	1.10	1.08	3.31	ppb
Copper	63-2	2.19	2.20	2.18	2.19	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	56.50	56.48	56.79	56.59	0.31	ppb
Iron	57-2	58.71	56.12	58.51	57.78	2.49	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:23:16	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	60.41	56.91	58.86	58.73	2.99	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.89	0.87	0.88	1.45	ppb
Lead	207-1	0.89	0.86	0.85	0.87	2.33	ppb
Lead	208-1	0.88	0.88	0.87	0.88	0.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	519.11	522.80	528.51	523.47	0.90	ppb
Manganese	55-2	1.11	1.08	1.15	1.11	3.03	ppb
Molybdenum	94-1	5.86	5.94	5.64	5.82	2.65	ppb
Molybdenum	95-1	4.98	5.06	4.89	4.98	1.72	ppb
Molybdenum	96-1	5.01	5.10	5.04	5.05	0.89	ppb
Molybdenum	97-1	4.84	5.08	5.00	4.97	2.45	ppb
Molybdenum	98-1	4.98	5.09	4.99	5.02	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.01	1.08	1.06	3.79	ppb
Phosphorus	31-2	13.53	13.23	4.89	10.55	46.47	ppb
Potassium	39-2	528.42	525.35	533.65	529.14	0.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	5.22	5.17	4.97	5.12	2.55	ppb
Selenium	77-2	4.78	8.96	6.50	6.75	31.08	ppb
Selenium	78-2	5.72	6.17	6.61	6.17	7.23	ppb
Silicon	28-1	2.21	2.37	2.28	2.29	3.40	ppb
Silver	107-1	1.09	1.08	1.10	1.09	0.62	ppb
Silver	109-1	1.09	1.13	1.12	1.11	2.05	ppb
Sodium	23-2	522.67	519.67	526.95	523.10	0.70	ppb
Strontium	86-1	1.00	0.99	1.04	1.01	2.48	ppb
Strontium	88-1	1.02	1.02	1.01	1.02	0.76	ppb
Sulfur	34-1	120.38	62.67	-52.55	43.50	202.39	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.90	0.90	0.89	0.90	0.85	ppb
Thallium	205-1	0.90	0.92	0.89	0.90	1.45	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:23:16	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	5.16	5.20	5.08	5.15	1.17	ppb
Titanium	47-1	5.10	5.10	5.11	5.10	0.09	ppb
Uranium	238-1	0.81	0.85	0.82	0.83	2.25	ppb
Vanadium	51-2	5.04	5.15	5.17	5.12	1.36	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2.16	2.30	2.57	2.34	8.88	ppb
Zirconium	90-1	0.99	1.02	0.98	1.00	2.05	ppb
Zirconium	91-1	0.98	1.02	0.99	1.00	2.18	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:26:31	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1043.53	1027.35	1031.56	1034.15	0.81	ppb
Antimony	121-1	48.04	51.73	52.22	50.66	4.52	ppb
Arsenic	75-2	52.08	53.44	52.05	52.52	1.51	ppb
Barium	135-1	233.73	250.65	253.51	245.96	4.35	ppb
Barium	137-1	234.89	251.56	254.53	246.99	4.29	ppb
Beryllium	9-1	50.75	54.27	54.36	53.13	3.87	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	33.66	38.51	39.75	37.31	8.63	ppb
Boron	11-1	34.26	39.56	40.89	38.24	9.17	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	50.72	54.40	54.96	53.36	4.31	ppb
Cadmium	106-1	49.03	54.96	54.77	52.92	6.36	ppb
Cadmium	108-1	51.12	55.54	57.10	54.59	5.68	ppb
Calcium	43-1	5705.06	6143.53	6226.98	6025.19	4.65	ppb
Calcium	44-1	5113.85	5451.96	5498.93	5354.92	3.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.50	52.00	52.86	52.45	0.82	ppb
Cobalt	59-2	53.00	52.92	53.31	53.08	0.39	ppb
Copper	63-2	538.06	535.10	528.26	533.81	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	2744.43	2698.92	2711.60	2718.32	0.86	ppb
Iron	57-2	2868.61	2820.11	2849.66	2846.13	0.86	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:26:31	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2926.32	2916.68	2912.14	2918.38	0.25	ppb
Krypton	83-1						cps
Lead	206-1	222.80	236.23	242.54	233.86	4.31	ppb
Lead	207-1	221.57	241.35	243.64	235.52	5.15	ppb
Lead	208-1	225.38	239.41	244.57	236.45	4.20	ppb
Lithium	6-1				102		%
Magnesium	24-2	5369.96	5277.69	5170.26	5272.64	1.90	ppb
Manganese	55-2	507.64	511.46	516.65	511.92	0.88	ppb
Molybdenum	94-1	465.54	505.72	506.82	492.69	4.77	ppb
Molybdenum	95-1	464.76	512.80	510.77	496.11	5.48	ppb
Molybdenum	96-1	470.45	505.78	501.68	492.64	3.92	ppb
Molybdenum	97-1	466.20	504.98	503.78	491.65	4.48	ppb
Molybdenum	98-1	466.21	501.54	503.00	490.25	4.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.63	53.09	53.28	53.33	0.51	ppb
Phosphorus	31-2	1048.71	1003.86	1029.47	1027.35	2.19	ppb
Potassium	39-2	2546.85	2495.31	2563.29	2535.15	1.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	50.27	52.63	52.91	51.94	2.80	ppb
Selenium	77-2	56.71	50.99	56.29	54.66	5.83	ppb
Selenium	78-2	55.08	54.46	56.81	55.45	2.20	ppb
Silicon	28-1	14.00	18.23	20.38	17.54	18.49	ppb
Silver	107-1	52.03	55.57	56.13	54.58	4.08	ppb
Silver	109-1	51.15	55.73	55.84	54.24	4.94	ppb
Sodium	23-2	5142.90	5038.36	5055.81	5079.02	1.10	ppb
Strontium	86-1	1167.58	1272.51	1269.82	1236.64	4.84	ppb
Strontium	88-1	1164.94	1259.85	1271.24	1232.01	4.74	ppb
Sulfur	34-1	703.52	945.78	1042.42	897.24	19.46	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	42.83	45.32	46.80	44.98	4.47	ppb
Thallium	205-1	42.71	45.30	46.95	44.99	4.75	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:26:31	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	47.57	51.43	52.12	50.38	4.87	ppb
Titanium	47-1	465.75	510.43	513.92	496.70	5.41	ppb
Uranium	238-1	38.69	45.30	48.14	44.05	11.01	ppb
Vanadium	51-2	51.63	51.04	51.28	51.31	0.58	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	555.53	556.73	556.35	556.20	0.11	ppb
Zirconium	90-1	46.50	50.42	50.68	49.20	4.76	ppb
Zirconium	91-1	46.59	50.38	50.90	49.29	4.78	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:29:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2627.25	2582.77	2569.83	2593.28	1.16	ppb
Antimony	121-1	127.12	128.51	128.44	128.02	0.61	ppb
Arsenic	75-2	127.70	132.04	130.47	130.07	1.69	ppb
Barium	135-1	633.20	630.71	631.29	631.73	0.21	ppb
Barium	137-1	639.29	632.78	641.24	637.77	0.69	ppb
Beryllium	9-1	132.63	133.48	135.32	133.81	1.03	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	90.06	95.04	97.02	94.04	3.82	ppb
Boron	11-1	89.53	96.87	100.50	95.63	5.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	132.93	134.63	135.20	134.26	0.88	ppb
Cadmium	106-1	133.65	135.93	134.01	134.53	0.91	ppb
Cadmium	108-1	133.25	133.31	134.90	133.82	0.70	ppb
Calcium	43-1	15209.03	15770.02	15661.58	15546.88	1.91	ppb
Calcium	44-1	13447.13	13755.46	13964.21	13722.27	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133.46	131.34	130.15	131.65	1.28	ppb
Cobalt	59-2	133.99	133.55	132.32	133.28	0.65	ppb
Copper	63-2	1341.36	1335.21	1313.40	1329.99	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				101		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	6921.74	6853.40	6859.00	6878.05	0.55	ppb
Iron	57-2	7295.91	7215.89	7140.05	7217.28	1.08	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:29:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7038.94	6911.08	6938.37	6962.80	0.97	ppb
Krypton	83-1						cps
Lead	206-1	608.66	607.19	615.14	610.33	0.69	ppb
Lead	207-1	614.93	620.16	625.11	620.07	0.82	ppb
Lead	208-1	608.05	615.89	620.01	614.65	0.99	ppb
Lithium	6-1				99		%
Magnesium	24-2	13424.75	13134.55	13173.86	13244.38	1.19	ppb
Manganese	55-2	1307.27	1280.02	1308.68	1298.66	1.24	ppb
Molybdenum	94-1	1253.59	1261.49	1258.36	1257.81	0.32	ppb
Molybdenum	95-1	1267.21	1267.88	1241.65	1258.91	1.19	ppb
Molybdenum	96-1	1271.52	1263.07	1258.18	1264.25	0.53	ppb
Molybdenum	97-1	1253.72	1259.68	1257.12	1256.84	0.24	ppb
Molybdenum	98-1	1254.68	1256.31	1260.44	1257.15	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.75	133.85	132.88	134.16	1.09	ppb
Phosphorus	31-2	2621.90	2646.88	2574.82	2614.53	1.40	ppb
Potassium	39-2	6372.72	6311.14	6309.04	6330.97	0.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	135.79	132.64	133.63	134.02	1.20	ppb
Selenium	77-2	127.16	129.55	134.95	130.55	3.06	ppb
Selenium	78-2	129.13	137.03	136.69	134.28	3.33	ppb
Silicon	28-1	36.81	43.04	48.74	42.86	13.91	ppb
Silver	107-1	138.20	136.21	134.47	136.29	1.37	ppb
Silver	109-1	133.89	138.94	135.28	136.04	1.92	ppb
Sodium	23-2	12942.41	12970.42	12761.55	12891.46	0.88	ppb
Strontium	86-1	3116.66	3205.43	3169.68	3163.92	1.41	ppb
Strontium	88-1	3170.28	3165.84	3229.31	3188.48	1.11	ppb
Sulfur	34-1	2478.47	2486.12	2582.02	2515.53	2.29	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	116.15	117.67	117.06	116.96	0.65	ppb
Thallium	205-1	121.41	121.11	123.17	121.90	0.91	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:29:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	128.23	128.88	128.34	128.48	0.27	ppb
Titanium	47-1	1227.74	1262.53	1287.03	1259.10	2.37	ppb
Uranium	238-1	121.22	121.23	120.61	121.02	0.29	ppb
Vanadium	51-2	130.20	128.83	127.84	128.96	0.92	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	1411.56	1401.44	1380.48	1397.83	1.13	ppb
Zirconium	90-1	123.72	125.67	125.97	125.12	0.98	ppb
Zirconium	91-1	126.45	126.23	127.49	126.72	0.53	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:32:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5122.40	4998.99	5119.56	5080.32	1.39	ppb
Antimony	121-1	254.07	254.10	255.80	254.65	0.39	ppb
Arsenic	75-2	261.48	257.95	258.62	259.35	0.72	ppb
Barium	135-1	1252.90	1270.32	1282.96	1268.73	1.19	ppb
Barium	137-1	1257.98	1260.28	1247.72	1255.33	0.53	ppb
Beryllium	9-1	268.09	265.99	272.04	268.70	1.14	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	186.00	193.86	202.75	194.20	4.32	ppb
Boron	11-1	184.46	194.69	205.21	194.79	5.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	259.31	264.28	264.72	262.77	1.14	ppb
Cadmium	106-1	257.97	263.19	264.47	261.88	1.31	ppb
Cadmium	108-1	262.01	265.58	263.93	263.84	0.68	ppb
Calcium	43-1	30846.46	31109.30	30722.60	30892.79	0.64	ppb
Calcium	44-1	27598.25	27400.27	27662.65	27553.73	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259.86	259.64	260.34	259.95	0.14	ppb
Cobalt	59-2	258.23	262.68	258.90	259.94	0.92	ppb
Copper	63-2	2632.94	2595.14	2622.83	2616.97	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	13550.52	13602.81	13508.01	13553.78	0.35	ppb
Iron	57-2	13417.96	13622.66	13303.88	13448.17	1.20	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:32:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13819.23	13657.30	13667.58	13714.70	0.66	ppb
Krypton	83-1						cps
Lead	206-1	1217.08	1233.51	1241.26	1230.61	1.00	ppb
Lead	207-1	1206.42	1245.99	1250.63	1234.35	1.97	ppb
Lead	208-1	1208.66	1238.68	1240.34	1229.23	1.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	26273.41	25890.59	25763.28	25975.76	1.02	ppb
Manganese	55-2	2549.79	2549.63	2569.03	2556.15	0.44	ppb
Molybdenum	94-1	2462.05	2540.69	2507.03	2503.26	1.58	ppb
Molybdenum	95-1	2471.08	2535.14	2534.57	2513.60	1.46	ppb
Molybdenum	96-1	2468.46	2515.15	2562.83	2515.48	1.88	ppb
Molybdenum	97-1	2448.83	2545.34	2543.69	2512.62	2.20	ppb
Molybdenum	98-1	2482.97	2540.22	2508.16	2510.45	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.07	262.66	261.86	262.20	0.16	ppb
Phosphorus	31-2	5140.29	5171.56	5114.68	5142.18	0.55	ppb
Potassium	39-2	12622.54	12444.18	12534.54	12533.75	0.71	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	255.28	263.14	263.92	260.78	1.83	ppb
Selenium	77-2	267.46	251.72	265.25	261.48	3.26	ppb
Selenium	78-2	261.77	260.55	269.15	263.83	1.76	ppb
Silicon	28-1	72.95	84.14	88.84	81.98	9.96	ppb
Silver	107-1	257.55	269.58	263.21	263.45	2.28	ppb
Silver	109-1	259.86	265.04	264.37	263.09	1.07	ppb
Sodium	23-2	25582.34	25361.36	25622.98	25522.23	0.55	ppb
Strontium	86-1	6090.89	6219.89	6322.34	6211.04	1.87	ppb
Strontium	88-1	6221.65	6267.51	6369.35	6286.17	1.20	ppb
Sulfur	34-1	4819.39	4661.94	4347.18	4609.50	5.22	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	242.32	251.22	249.76	247.77	1.93	ppb
Thallium	205-1	242.41	244.63	248.13	245.06	1.18	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:32:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	249.50	259.23	260.21	256.31	2.31	ppb
Titanium	47-1	2505.96	2556.17	2500.01	2520.71	1.22	ppb
Uranium	238-1	236.76	244.92	245.64	242.44	2.03	ppb
Vanadium	51-2	258.12	255.53	258.06	257.24	0.58	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	2744.21	2692.72	2732.64	2723.19	0.99	ppb
Zirconium	90-1	242.05	247.52	249.45	246.34	1.56	ppb
Zirconium	91-1	244.74	254.19	254.56	251.16	2.22	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:35:08	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10003.24	9849.30	9973.84	9942.13	0.82	ppb
Antimony	121-1	500.52	505.98	506.70	504.40	0.67	ppb
Arsenic	75-2	516.42	503.21	504.65	508.09	1.43	ppb
Barium	135-1	2471.69	2532.42	2489.75	2497.95	1.25	ppb
Barium	137-1	2477.40	2519.00	2463.37	2486.59	1.16	ppb
Beryllium	9-1	504.75	522.66	511.67	513.03	1.76	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	478.12	511.42	519.17	502.90	4.34	ppb
Boron	11-1	481.68	513.15	516.04	503.62	3.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	505.43	508.86	511.00	508.43	0.55	ppb
Cadmium	106-1	503.60	518.05	510.63	510.76	1.41	ppb
Cadmium	108-1	500.99	509.40	514.17	508.19	1.31	ppb
Calcium	43-1	59555.32	60480.62	60715.90	60250.61	1.02	ppb
Calcium	44-1	54237.24	54415.62	55283.07	54645.31	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.84	506.79	509.65	508.43	0.29	ppb
Cobalt	59-2	521.20	499.63	510.94	510.59	2.11	ppb
Copper	63-2	5151.11	5064.34	5130.60	5115.35	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	27039.27	26543.35	26752.19	26778.27	0.93	ppb
Iron	57-2	27071.98	26277.90	26898.07	26749.32	1.56	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:35:08	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27374.15	26561.11	27207.89	27047.72	1.59	ppb
Krypton	83-1						cps
Lead	206-1	2485.35	2482.38	2473.88	2480.54	0.24	ppb
Lead	207-1	2480.62	2482.48	2490.23	2484.44	0.21	ppb
Lead	208-1	2495.44	2481.95	2492.21	2489.87	0.28	ppb
Lithium	6-1				96		%
Magnesium	24-2	51769.31	50105.80	51111.59	50995.57	1.64	ppb
Manganese	55-2	5101.95	5062.41	5087.79	5084.05	0.39	ppb
Molybdenum	94-1	4954.14	4978.42	4984.69	4972.41	0.32	ppb
Molybdenum	95-1	4932.52	4991.66	4917.13	4947.10	0.80	ppb
Molybdenum	96-1	4966.07	5023.97	4946.43	4978.82	0.81	ppb
Molybdenum	97-1	4919.15	4990.67	4985.26	4965.03	0.80	ppb
Molybdenum	98-1	4933.72	4999.98	5021.50	4985.06	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.40	500.48	512.84	508.58	1.38	ppb
Phosphorus	31-2	10282.47	10105.10	10096.83	10161.47	1.03	ppb
Potassium	39-2	25315.22	24414.31	24771.96	24833.83	1.83	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	507.62	514.02	508.65	510.10	0.67	ppb
Selenium	77-2	530.50	509.69	510.05	516.75	2.30	ppb
Selenium	78-2	518.55	502.81	516.59	512.65	1.67	ppb
Silicon	28-1	524.23	552.14	548.77	541.71	2.81	ppb
Silver	107-1	508.10	519.41	511.00	512.84	1.15	ppb
Silver	109-1	504.42	514.47	518.51	512.47	1.42	ppb
Sodium	23-2	50957.77	50078.08	50484.99	50506.95	0.87	ppb
Strontium	86-1	12411.09	12528.12	12563.83	12501.01	0.64	ppb
Strontium	88-1	12486.83	12523.79	12593.49	12534.70	0.43	ppb
Sulfur	34-1	9387.00	9544.90	9496.88	9476.26	0.85	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	492.25	496.55	495.80	494.87	0.46	ppb
Thallium	205-1	495.56	492.45	491.50	493.17	0.43	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:35:08	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	500.09	506.94	508.52	505.18	0.89	ppb
Titanium	47-1	4946.93	5003.99	4969.35	4973.42	0.58	ppb
Uranium	238-1	482.09	496.94	496.02	491.69	1.69	ppb
Vanadium	51-2	508.44	496.80	500.52	501.92	1.18	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	5241.36	5142.10	5159.76	5181.08	1.02	ppb
Zirconium	90-1	494.38	496.84	501.60	497.61	0.74	ppb
Zirconium	91-1	496.45	501.10	494.34	497.30	0.70	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:37:53	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19490.43	19650.03	19526.97	19555.81	0.43	ppb
Antimony	121-1	987.26	1012.95	988.47	996.23	1.46	ppb
Arsenic	75-2	994.49	991.56	992.52	992.86	0.15	ppb
Barium	135-1	4926.43	5050.04	5010.64	4995.70	1.26	ppb
Barium	137-1	4930.10	5042.93	5038.75	5003.93	1.28	ppb
Beryllium	9-1	970.44	996.25	995.96	987.55	1.50	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	967.17	1019.21	1065.08	1017.15	4.82	ppb
Boron	11-1	968.56	1007.90	1072.73	1016.40	5.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	986.03	996.94	990.84	991.27	0.55	ppb
Cadmium	106-1	978.34	1003.17	989.44	990.32	1.26	ppb
Cadmium	108-1	985.05	992.83	995.46	991.11	0.55	ppb
Calcium	43-1	117353.21	117927.33	119367.22	118215.92	0.88	ppb
Calcium	44-1	107598.10	108980.08	109906.91	108828.36	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	993.17	988.89	994.98	992.34	0.32	ppb
Cobalt	59-2	985.53	998.33	989.24	991.03	0.66	ppb
Copper	63-2	9940.88	9894.36	9868.94	9901.39	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	52232.58	52091.24	51850.05	52057.96	0.37	ppb
Iron	57-2	52166.38	52075.46	51673.68	51971.84	0.50	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:37:53	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53342.03	52960.60	53439.59	53247.41	0.48	ppb
Krypton	83-1						cps
Lead	206-1	5046.03	5015.84	4989.79	5017.22	0.56	ppb
Lead	207-1	5032.73	4990.05	5016.32	5013.03	0.43	ppb
Lead	208-1	5017.43	4991.98	5027.28	5012.23	0.36	ppb
Lithium	6-1				95		%
Magnesium	24-2	100192.39	99917.86	99509.49	99873.24	0.34	ppb
Manganese	55-2	9890.07	9951.83	9969.88	9937.26	0.42	ppb
Molybdenum	94-1	9946.65	10122.98	9967.46	10012.37	0.96	ppb
Molybdenum	95-1	9988.17	10085.28	9992.94	10022.13	0.55	ppb
Molybdenum	96-1	9922.23	10013.09	10080.60	10005.31	0.79	ppb
Molybdenum	97-1	9857.31	10119.53	10064.85	10013.89	1.38	ppb
Molybdenum	98-1	9879.21	10139.62	9994.52	10004.45	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.26	996.73	986.07	991.35	0.54	ppb
Phosphorus	31-2	19882.82	19872.04	19849.25	19868.04	0.09	ppb
Potassium	39-2	49416.78	49639.00	49144.20	49399.99	0.50	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	978.64	1000.71	993.74	991.03	1.14	ppb
Selenium	77-2	997.73	992.98	972.76	987.82	1.34	ppb
Selenium	78-2	988.01	994.96	983.37	988.78	0.59	ppb
Silicon	28-1	1024.81	1027.47	1047.07	1033.12	1.18	ppb
Silver	107-1	988.90	985.35	991.48	988.58	0.31	ppb
Silver	109-1	980.66	1002.83	983.22	988.90	1.23	ppb
Sodium	23-2	100044.22	99323.70	98281.22	99216.38	0.89	ppb
Strontium	86-1	24770.16	25465.73	24779.22	25005.04	1.60	ppb
Strontium	88-1	24635.67	24968.80	25295.24	24966.57	1.32	ppb
Sulfur	34-1	19936.94	20468.96	20682.17	20362.69	1.88	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	1005.90	1000.71	1006.53	1004.38	0.32	ppb
Thallium	205-1	1011.03	1001.81	1003.02	1005.29	0.50	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:37:53	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	992.67	998.82	994.64	995.38	0.32	ppb
Titanium	47-1	9913.76	9995.82	10111.84	10007.14	0.99	ppb
Uranium	238-1	992.41	1013.18	1014.93	1006.84	1.24	ppb
Vanadium	51-2	1001.81	993.49	994.71	996.67	0.45	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	9912.89	9763.66	9820.57	9832.38	0.77	ppb
Zirconium	90-1	987.06	1012.10	1007.25	1002.14	1.32	ppb
Zirconium	91-1	985.15	1011.66	1005.84	1000.88	1.39	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:40:40	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99140.66	99382.31	101740.83	100087.94	1.44	ppb
Antimony	121-1	0.72	0.65	0.65	0.67	6.09	ppb
Arsenic	75-2	0.22	0.21	0.23	0.22	3.76	ppb
Barium	135-1	3.81	3.31	2.78	3.30	15.62	ppb
Barium	137-1	3.85	3.34	2.80	3.33	15.69	ppb
Beryllium	9-1	0.52	0.35	0.27	0.38	33.75	ppb
Bismuth	209-1				79		%
Bismuth	209-2				79		%
Boron	10-1	59.22	48.85	43.30	50.45	16.02	ppb
Boron	11-1	57.92	49.93	43.28	50.38	14.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.54	0.56	0.40	0.50	17.51	ppb
Cadmium	106-1	0.65	1.70	0.68	1.01	59.44	ppb
Cadmium	108-1	0.55	0.78	0.43	0.59	30.48	ppb
Calcium	43-1	489516.82	501606.98	493728.15	494950.65	1.24	ppb
Calcium	44-1	490930.13	506914.62	494979.12	497607.96	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.22	7.07	7.10	7.13	1.12	ppb
Cobalt	59-2	1.04	1.01	1.06	1.04	2.55	ppb
Copper	63-2	1.45	1.35	1.37	1.39	3.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	248792.60	250193.04	249034.38	249340.01	0.30	ppb
Iron	57-2	249517.61	249593.03	248956.31	249355.65	0.14	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:40:40	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	247876.06	248172.75	251140.21	249063.01	0.72	ppb
Krypton	83-1						cps
Lead	206-1	2.24	1.51	1.24	1.66	31.09	ppb
Lead	207-1	2.10	1.48	1.17	1.58	29.67	ppb
Lead	208-1	2.18	1.52	1.19	1.63	30.91	ppb
Lithium	6-1				83		%
Magnesium	24-2	494291.22	500907.85	504367.87	499855.65	1.02	ppb
Manganese	55-2	5.35	5.23	5.01	5.20	3.27	ppb
Molybdenum	94-1	5.11	3.87	3.02	4.00	26.26	ppb
Molybdenum	95-1	5.45	4.17	3.66	4.43	20.87	ppb
Molybdenum	96-1	8.54	6.83	6.26	7.21	16.52	ppb
Molybdenum	97-1	4.89	3.42	2.79	3.70	29.07	ppb
Molybdenum	98-1	4.50	3.08	2.29	3.29	34.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.27	2.13	2.25	2.22	3.48	ppb
Phosphorus	31-2	4.96	0.99	-2.16	1.26	282.18	ppb
Potassium	39-2	249570.39	250268.37	250558.73	250132.50	0.20	ppb
Rhodium	103-1				80		%
Rhodium	103-2				79		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	2.30	1.85	1.88	2.01	12.50	ppb
Selenium	77-2	0.54	0.90	1.07	0.84	32.18	ppb
Selenium	78-2	2.08	2.24	2.32	2.21	5.50	ppb
Silicon	28-1	20.19	19.27	17.09	18.85	8.43	ppb
Silver	107-1	0.68	0.56	0.49	0.58	15.91	ppb
Silver	109-1	0.66	0.54	0.47	0.56	17.68	ppb
Sodium	23-2	496394.59	500167.16	503646.21	500069.32	0.73	ppb
Strontium	86-1	13.69	10.24	8.36	10.76	25.15	ppb
Strontium	88-1	13.69	10.12	8.38	10.73	25.21	ppb
Sulfur	34-1	-305.36	-168.22	-207.14	-226.91		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.36	0.24	0.14	0.24	44.96	ppb
Thallium	205-1	0.35	0.23	0.15	0.24	42.43	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:40:40	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.71	0.59	0.50	0.60	17.71	ppb
Titanium	47-1	4.00	2.76	2.00	2.92	34.44	ppb
Uranium	238-1	0.32	0.19	0.13	0.21	46.84	ppb
Vanadium	51-2	0.21	0.19	0.18	0.19	5.49	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	5.57	5.25	5.43	5.42	3.01	ppb
Zirconium	90-1	0.49	0.36	0.28	0.37	28.44	ppb
Zirconium	91-1	0.45	0.35	0.26	0.35	26.58	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P7
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:05:48	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	534.21	533.86	534.31	534.13	0.04	ppb
Antimony	121-1	196.37	205.48	201.27	201.04	2.27	ppb
Arsenic	75-2	210.11	209.64	211.81	210.52	0.54	ppb
Barium	135-1	96.22	100.83	100.78	99.28	2.66	ppb
Barium	137-1	97.54	100.77	101.82	100.04	2.23	ppb
Beryllium	9-1	102.87	107.75	107.28	105.97	2.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	3.37	3.16	3.35	3.30	3.45	ppb
Boron	11-1	3.35	3.22	3.37	3.32	2.42	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	103.69	109.16	108.03	106.96	2.70	ppb
Cadmium	106-1	86.06	89.72	87.70	87.83	2.09	ppb
Cadmium	108-1	88.71	93.00	91.66	91.12	2.41	ppb
Calcium	43-1	1997.74	2122.81	2091.75	2070.77	3.14	ppb
Calcium	44-1	1897.70	1997.10	1999.69	1964.83	2.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.57	103.54	104.88	104.00	0.74	ppb
Cobalt	59-2	106.56	105.54	106.71	106.27	0.60	ppb
Copper	63-2	104.38	104.43	105.27	104.69	0.48	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				103		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	2101.14	2106.32	2090.08	2099.18	0.39	ppb
Iron	57-2	2200.30	2153.98	2195.19	2183.16	1.16	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P7
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:05:48	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2304.57	2278.23	2301.63	2294.81	0.63	ppb
Krypton	83-1						cps
Lead	206-1	195.80	201.17	206.35	201.10	2.62	ppb
Lead	207-1	174.02	176.18	179.77	176.65	1.64	ppb
Lead	208-1	188.76	192.23	195.51	192.17	1.76	ppb
Lithium	6-1				103		%
Magnesium	24-2	1156.50	1155.01	1168.51	1160.01	0.64	ppb
Manganese	55-2	104.05	104.41	105.86	104.77	0.92	ppb
Molybdenum	94-1	0.07	0.04	0.05	0.05	35.47	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.04	11.38	ppb
Molybdenum	96-1	0.09	0.08	0.07	0.08	8.61	ppb
Molybdenum	97-1	0.05	0.04	0.04	0.04	11.15	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	12.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.01	109.69	111.41	110.70	0.82	ppb
Phosphorus	31-2	-8.03	-9.93	-6.69	-8.22		ppb
Potassium	39-2	1950.57	1913.30	1969.62	1944.49	1.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	211.24	219.01	218.00	216.08	1.95	ppb
Selenium	77-2	224.84	215.38	210.58	216.93	3.34	ppb
Selenium	78-2	218.65	215.52	217.99	217.39	0.76	ppb
Silicon	28-1	1.10	1.80	2.22	1.70	33.02	ppb
Silver	107-1	51.24	53.84	53.91	52.99	2.87	ppb
Silver	109-1	51.36	53.81	53.36	52.84	2.46	ppb
Sodium	23-2	1946.23	1985.66	2000.23	1977.38	1.41	ppb
Strontium	86-1	0.23	0.23	0.26	0.24	5.93	ppb
Strontium	88-1	0.26	0.27	0.26	0.26	1.46	ppb
Sulfur	34-1	-430.60	-328.54	-250.37	-336.50		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	196.87	202.00	209.69	202.85	3.18	ppb
Thallium	205-1	199.77	203.36	207.56	203.56	1.91	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P7
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:05:48	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.08	0.08	0.07	0.08	9.81	ppb
Titanium	47-1	0.07	0.07	0.08	0.07	7.17	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	24.84	ppb
Vanadium	51-2	99.88	99.69	100.39	99.98	0.36	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	212.85	210.61	215.40	212.95	1.13	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	31.25	ppb
Zirconium	91-1	0.06	0.08	0.07	0.07	11.20	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:24:53	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.69	20.01	20.13	19.94	1.13	ppb
Antimony	121-1	1.95	1.95	2.03	1.98	2.34	ppb
Arsenic	75-2	0.94	1.00	0.94	0.96	4.07	ppb
Barium	135-1	9.32	9.28	9.83	9.48	3.28	ppb
Barium	137-1	9.54	9.29	9.88	9.57	3.11	ppb
Beryllium	9-1	1.10	1.10	1.07	1.09	1.41	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	17.66	18.76	19.30	18.57	4.52	ppb
Boron	11-1	18.09	19.30	20.10	19.16	5.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.04	1.02	1.14	1.07	5.86	ppb
Cadmium	106-1	0.74	0.22	1.20	0.72	68.57	ppb
Cadmium	108-1	1.11	0.90	0.97	0.99	10.62	ppb
Calcium	43-1	503.71	517.31	518.00	513.01	1.57	ppb
Calcium	44-1	508.72	510.86	514.22	511.27	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	1.88	2.00	1.95	3.11	ppb
Cobalt	59-2	1.03	1.05	1.01	1.03	1.74	ppb
Copper	63-2	2.14	2.13	2.12	2.13	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	53.63	53.97	53.83	53.81	0.32	ppb
Iron	57-2	55.55	55.91	55.73	55.73	0.32	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:24:53	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	55.88	55.13	55.82	55.61	0.75	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.86	0.87	0.87	1.10	ppb
Lead	207-1	0.81	0.85	0.86	0.84	2.79	ppb
Lead	208-1	0.86	0.85	0.86	0.86	0.51	ppb
Lithium	6-1				103		%
Magnesium	24-2	493.65	496.21	492.29	494.05	0.40	ppb
Manganese	55-2	1.07	1.05	1.13	1.09	3.90	ppb
Molybdenum	94-1	5.45	5.51	5.52	5.50	0.76	ppb
Molybdenum	95-1	4.68	4.68	4.70	4.69	0.22	ppb
Molybdenum	96-1	4.82	4.72	4.80	4.78	1.10	ppb
Molybdenum	97-1	4.66	4.64	4.60	4.64	0.65	ppb
Molybdenum	98-1	4.63	4.75	4.60	4.66	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.03	1.04	1.04	0.27	ppb
Phosphorus	31-2	12.16	12.60	6.77	10.51	30.88	ppb
Potassium	39-2	498.03	495.66	500.64	498.11	0.50	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	5.19	4.74	4.75	4.89	5.23	ppb
Selenium	77-2	3.39	5.02	4.08	4.16	19.65	ppb
Selenium	78-2	6.33	7.00	5.38	6.24	13.06	ppb
Silicon	28-1	1.90	2.10	2.40	2.13	11.86	ppb
Silver	107-1	1.03	1.05	1.08	1.05	2.59	ppb
Silver	109-1	1.03	1.05	1.07	1.05	1.60	ppb
Sodium	23-2	493.56	493.99	494.03	493.86	0.05	ppb
Strontium	86-1	1.00	0.95	0.99	0.98	2.65	ppb
Strontium	88-1	0.97	0.95	0.96	0.96	0.98	ppb
Sulfur	34-1	-223.89	-182.29	-170.87	-192.35		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.85	0.90	0.90	0.88	3.54	ppb
Thallium	205-1	0.87	0.87	0.89	0.88	0.88	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:24:53	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.94	4.90	5.22	5.02	3.46	ppb
Titanium	47-1	4.81	4.75	4.80	4.79	0.63	ppb
Uranium	238-1	0.79	0.79	0.80	0.79	0.41	ppb
Vanadium	51-2	4.78	4.87	4.72	4.79	1.65	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	2.36	2.46	2.38	2.40	2.28	ppb
Zirconium	90-1	0.93	0.91	0.91	0.92	1.55	ppb
Zirconium	91-1	0.90	0.90	0.93	0.91	2.24	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P7
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:28:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.36	-0.33	-0.31	-0.34		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	6.71	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00		ppb
Barium	135-1	0.00	0.01	0.00	0.00	128.58	ppb
Barium	137-1	0.00	0.00	0.01	0.00	54.10	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	39.46	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	3.20	2.89	2.38	2.82	14.73	ppb
Boron	11-1	2.82	2.68	2.42	2.64	7.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.02	-0.05	0.00		ppb
Cadmium	106-1	0.23	0.20	-0.62	-0.07		ppb
Cadmium	108-1	0.01	0.06	0.00	0.02	144.03	ppb
Calcium	43-1	-0.96	-0.35	-0.25	-0.52		ppb
Calcium	44-1	1.58	0.96	1.80	1.45	30.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	191.56	ppb
Copper	63-2	0.00	0.00	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	0.32	0.30	0.35	0.33	7.07	ppb
Iron	57-2	-0.47	-0.50	-0.43	-0.47		ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P7
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:28:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.32	0.80	0.51	0.54	43.80	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.01	0.01	74.93	ppb
Lead	207-1	0.01	0.01	0.01	0.01	22.22	ppb
Lead	208-1	0.00	0.01	0.01	0.00	33.33	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.24	0.34	0.32	0.30	17.24	ppb
Manganese	55-2	0.01	0.01	0.00	0.01	114.18	ppb
Molybdenum	94-1	0.01	0.00	0.01	0.01	138.71	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	10.35	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	57.83	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	22.51	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	42.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-11.20	-7.20	-10.78	-9.73		ppb
Potassium	39-2	-0.78	-0.87	-1.37	-1.01		ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.11	0.19	0.28	0.19	43.93	ppb
Selenium	77-2	0.00	0.00	0.16	0.05	173.21	ppb
Selenium	78-2	1.34	0.98	1.50	1.27	20.79	ppb
Silicon	28-1	0.22	0.30	0.02	0.18	78.78	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.18	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.67	ppb
Sodium	23-2	5.04	5.26	4.78	5.03	4.84	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	686.74	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	86.99	ppb
Sulfur	34-1	-226.18	-141.82	-320.86	-229.62		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.00	0.00	27.88	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	32.80	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P7
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:28:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.00	0.00	-0.01	0.00		ppb
Titanium	47-1	0.00	0.00	0.00	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	130.13	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	60.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	-0.05	-0.06	-0.06	-0.06		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	76.63	ppb
Zirconium	91-1	0.01	0.00	0.01	0.00	26.36	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P7
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:53:52	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90593.10	91701.70	91750.47	91348.43	0.72	ppb
Antimony	121-1	1.03	1.10	1.12	1.08	4.26	ppb
Arsenic	75-2	0.50	0.54	0.42	0.49	12.54	ppb
Barium	135-1	1.44	1.43	1.41	1.43	1.00	ppb
Barium	137-1	1.43	1.39	1.41	1.41	1.12	ppb
Beryllium	9-1	0.28	0.31	0.31	0.30	6.01	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	1.30	1.31	1.31	1.31	0.21	ppb
Boron	11-1	1.49	1.38	1.26	1.38	8.23	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.21	0.17	0.19	0.19	10.34	ppb
Cadmium	106-1	-3.74	-3.05	-3.57	-3.45		ppb
Cadmium	108-1	12.09	11.48	11.54	11.70	2.84	ppb
Calcium	43-1	96040.61	98660.61	99932.27	98211.16	2.02	ppb
Calcium	44-1	97794.84	97696.31	99831.36	98440.84	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.10	20.07	19.90	20.02	0.54	ppb
Cobalt	59-2	1.24	1.23	1.26	1.24	1.04	ppb
Copper	63-2	7.65	7.70	7.56	7.64	0.95	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				103		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	100605.36	101709.66	101564.63	101293.22	0.59	ppb
Iron	57-2	100426.15	99995.79	100011.89	100144.61	0.24	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P7
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:53:52	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	101115.79	101448.15	102074.42	101546.12	0.48	ppb
Krypton	83-1						cps
Lead	206-1	4.31	4.23	4.32	4.29	1.22	ppb
Lead	207-1	3.70	3.64	3.70	3.68	1.03	ppb
Lead	208-1	3.93	3.90	3.92	3.91	0.40	ppb
Lithium	6-1				92		%
Magnesium	24-2	90339.08	89707.13	90794.55	90280.25	0.60	ppb
Manganese	55-2	7.96	8.09	7.98	8.01	0.84	ppb
Molybdenum	94-1	1477.47	1477.45	1496.13	1483.69	0.73	ppb
Molybdenum	95-1	1795.51	1806.56	1805.93	1802.67	0.34	ppb
Molybdenum	96-1	1742.28	1757.07	1766.91	1755.42	0.71	ppb
Molybdenum	97-1	1782.10	1769.33	1809.06	1786.83	1.14	ppb
Molybdenum	98-1	1805.81	1787.98	1811.72	1801.83	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.45	5.51	5.26	5.40	2.41	ppb
Phosphorus	31-2	91780.97	91169.22	92800.46	91916.89	0.90	ppb
Potassium	39-2	93960.37	93786.82	94306.43	94017.87	0.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.19	0.35	0.39	0.31	33.26	ppb
Selenium	77-2	0.33	0.33	0.33	0.33	0.38	ppb
Selenium	78-2	1.08	0.62	0.31	0.67	57.66	ppb
Silicon	28-1	3.85	4.04	4.36	4.08	6.24	ppb
Silver	107-1	0.02	0.01	0.01	0.01	33.58	ppb
Silver	109-1	0.02	0.01	0.01	0.02	18.58	ppb
Sodium	23-2	95939.57	96098.21	96240.93	96092.90	0.16	ppb
Strontium	86-1	32.51	32.58	33.45	32.85	1.59	ppb
Strontium	88-1	32.52	32.93	33.16	32.87	0.98	ppb
Sulfur	34-1	92145.76	92151.27	94100.22	92799.08	1.21	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.03	0.02	0.03	14.53	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.17	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P7
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:53:52	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.12	0.12	0.14	0.13	11.44	ppb
Titanium	47-1	1920.22	1941.03	1953.51	1938.25	0.87	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	11.39	ppb
Vanadium	51-2	0.19	0.21	0.19	0.20	5.37	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	10.85	11.01	11.10	10.99	1.15	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	13.35	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	33.31	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P7
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:59:36	DataFile Name :	022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89614.89	91781.63	91051.37	90815.96	1.21	ppb
Antimony	121-1	21.00	21.02	21.46	21.16	1.23	ppb
Arsenic	75-2	20.09	19.75	20.49	20.11	1.85	ppb
Barium	135-1	21.39	21.10	21.00	21.16	0.97	ppb
Barium	137-1	21.10	21.08	21.47	21.22	1.02	ppb
Beryllium	9-1	21.16	21.89	21.36	21.47	1.77	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	1.21	1.12	1.25	1.19	5.42	ppb
Boron	11-1	1.26	1.32	1.31	1.30	2.34	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.37	19.18	19.83	19.46	1.71	ppb
Cadmium	106-1	12.09	12.81	13.80	12.90	6.66	ppb
Cadmium	108-1	28.36	28.36	27.61	28.11	1.54	ppb
Calcium	43-1	101080.58	101235.15	99451.06	100588.93	0.98	ppb
Calcium	44-1	99918.50	100387.99	101310.81	100539.10	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.50	40.15	39.99	39.88	0.84	ppb
Cobalt	59-2	21.24	21.48	21.45	21.39	0.61	ppb
Copper	63-2	26.75	27.28	26.97	27.00	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				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	99756.95	101168.06	100393.88	100439.63	0.70	ppb
Iron	57-2	99433.20	98460.87	99548.92	99147.66	0.60	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P7
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:59:36	DataFile Name :	022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	99002.31	99654.35	99565.67	99407.44	0.36	ppb
Krypton	83-1						cps
Lead	206-1	26.19	27.11	26.72	26.67	1.73	ppb
Lead	207-1	24.42	25.27	24.54	24.74	1.87	ppb
Lead	208-1	25.11	25.94	25.38	25.48	1.67	ppb
Lithium	6-1				91		%
Magnesium	24-2	87476.83	90748.34	89243.21	89156.13	1.84	ppb
Manganese	55-2	27.71	28.26	28.19	28.05	1.06	ppb
Molybdenum	94-1	1495.64	1504.06	1490.14	1496.61	0.47	ppb
Molybdenum	95-1	1814.45	1818.71	1807.80	1813.65	0.30	ppb
Molybdenum	96-1	1792.89	1792.71	1764.49	1783.36	0.92	ppb
Molybdenum	97-1	1806.69	1796.46	1795.66	1799.60	0.34	ppb
Molybdenum	98-1	1826.99	1818.57	1798.10	1814.55	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.67	25.42	24.95	25.01	1.51	ppb
Phosphorus	31-2	90317.81	91936.88	89298.75	90517.81	1.47	ppb
Potassium	39-2	92196.53	92553.98	93115.59	92622.03	0.50	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	20.05	20.23	20.06	20.12	0.51	ppb
Selenium	77-2	21.45	18.58	19.95	20.00	7.18	ppb
Selenium	78-2	21.26	18.89	19.04	19.73	6.72	ppb
Silicon	28-1	4.27	4.51	4.44	4.40	2.81	ppb
Silver	107-1	18.75	18.90	19.05	18.90	0.81	ppb
Silver	109-1	18.85	18.67	19.19	18.90	1.40	ppb
Sodium	23-2	94428.37	95976.32	96554.65	95653.11	1.15	ppb
Strontium	86-1	33.91	32.81	33.30	33.34	1.65	ppb
Strontium	88-1	33.76	33.48	33.57	33.60	0.43	ppb
Sulfur	34-1	94130.75	95349.16	93107.15	94195.69	1.19	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	23.18	23.48	23.32	23.33	0.65	ppb
Thallium	205-1	23.19	23.52	23.46	23.39	0.75	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P7
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:59:36	DataFile Name :	022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.15	0.15	0.18	0.16	10.77	ppb
Titanium	47-1	1970.73	2002.59	1973.99	1982.44	0.88	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	1.50	ppb
Vanadium	51-2	20.11	20.09	20.01	20.07	0.25	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	29.97	30.79	30.87	30.54	1.64	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	6.54	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	17.76	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:02:37	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48722.55	49997.16	49795.57	49505.09	1.38	ppb
Antimony	121-1	504.70	510.73	503.90	506.44	0.74	ppb
Arsenic	75-2	498.09	513.48	510.90	507.49	1.62	ppb
Barium	135-1	2622.15	2601.78	2597.31	2607.08	0.51	ppb
Barium	137-1	2612.44	2583.48	2584.99	2593.64	0.63	ppb
Beryllium	9-1	541.06	520.11	534.76	531.98	2.02	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Boron	10-1	504.33	527.95	545.21	525.83	3.90	ppb
Boron	11-1	503.80	537.77	561.84	534.47	5.46	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	488.42	485.61	480.65	484.89	0.81	ppb
Cadmium	106-1	500.21	504.66	487.65	497.50	1.77	ppb
Cadmium	108-1	491.59	496.91	493.55	494.02	0.55	ppb
Calcium	43-1	250306.75	255928.43	251015.44	252416.87	1.21	ppb
Calcium	44-1	247331.50	250893.25	247443.36	248556.04	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.45	520.80	517.43	518.56	0.37	ppb
Cobalt	59-2	516.84	536.32	520.82	524.66	1.96	ppb
Copper	63-2	5150.77	5219.17	5074.29	5148.08	1.41	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				96		%
Indium	115-2				94		%
Iron	56-2	127797.51	131126.25	128128.88	129017.54	1.42	ppb
Iron	57-2	127192.24	130091.91	128053.76	128445.97	1.16	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:02:37	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	128383.84	129611.73	126024.63	128006.73	1.42	ppb
Krypton	83-1						cps
Lead	206-1	2634.46	2588.04	2648.20	2623.57	1.20	ppb
Lead	207-1	2617.13	2596.12	2659.66	2624.31	1.23	ppb
Lead	208-1	2596.04	2597.04	2641.35	2611.48	0.99	ppb
Lithium	6-1				86		%
Magnesium	24-2	247848.51	254036.93	252578.28	251487.91	1.29	ppb
Manganese	55-2	5006.57	5156.20	5033.03	5065.27	1.58	ppb
Molybdenum	94-1	5035.93	5138.91	5164.20	5113.01	1.33	ppb
Molybdenum	95-1	5064.61	5109.38	5160.20	5111.40	0.94	ppb
Molybdenum	96-1	5079.09	5153.37	5131.44	5121.30	0.75	ppb
Molybdenum	97-1	5045.23	5145.80	5136.61	5109.22	1.09	ppb
Molybdenum	98-1	5025.47	5137.59	5102.77	5088.61	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.08	514.23	500.40	505.57	1.49	ppb
Phosphorus	31-2	9995.16	10033.90	9946.55	9991.87	0.44	ppb
Potassium	39-2	123851.19	124378.20	123275.38	123834.93	0.45	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	503.90	510.72	509.04	507.89	0.70	ppb
Selenium	77-2	502.05	523.84	533.54	519.81	3.10	ppb
Selenium	78-2	508.20	510.43	522.10	513.58	1.45	ppb
Silicon	28-1	508.67	523.96	528.79	520.47	2.02	ppb
Silver	107-1	496.46	497.83	489.92	494.74	0.85	ppb
Silver	109-1	496.48	495.60	482.39	491.49	1.61	ppb
Sodium	23-2	245556.93	248461.94	249227.33	247748.74	0.78	ppb
Strontium	86-1	12679.20	12728.47	12672.30	12693.32	0.24	ppb
Strontium	88-1	12715.69	12736.81	12613.78	12688.76	0.52	ppb
Sulfur	34-1	9163.04	9310.79	9217.19	9230.34	0.81	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	533.09	515.05	530.90	526.34	1.87	ppb
Thallium	205-1	528.24	525.05	530.84	528.05	0.55	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:02:37	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	513.38	515.89	509.98	513.08	0.58	ppb
Titanium	47-1	5012.87	5146.29	5105.32	5088.16	1.34	ppb
Uranium	238-1	543.45	523.56	539.04	535.35	1.95	ppb
Vanadium	51-2	524.69	519.12	510.73	518.18	1.36	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	4967.82	5031.51	4881.41	4960.25	1.52	ppb
Zirconium	90-1	506.43	511.05	521.37	512.95	1.49	ppb
Zirconium	91-1	512.68	513.86	521.02	515.85	0.87	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:07:44	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.71	2.15	1.68	1.84	14.15	ppb
Antimony	121-1	0.12	0.13	0.13	0.13	5.56	ppb
Arsenic	75-2	0.01	0.03	0.02	0.02	48.56	ppb
Barium	135-1	0.06	0.03	0.05	0.05	39.15	ppb
Barium	137-1	0.04	0.05	0.05	0.05	10.05	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	8.64	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	7.83	7.91	7.57	7.77	2.31	ppb
Boron	11-1	8.36	7.92	7.44	7.91	5.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.14	-0.15	-0.11	-0.13		ppb
Cadmium	106-1	-1.95	-2.09	-1.77	-1.94		ppb
Cadmium	108-1	0.01	0.08	-0.01	0.03	163.89	ppb
Calcium	43-1	4.90	5.36	6.64	5.63	16.07	ppb
Calcium	44-1	6.77	6.20	7.70	6.89	10.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.02	0.01	19.48	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	17.15	ppb
Copper	63-2	0.32	0.32	0.29	0.31	4.54	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				105		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	5.21	5.10	5.07	5.13	1.49	ppb
Iron	57-2	3.97	3.59	4.38	3.98	9.91	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:07:44	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	5.30	5.54	5.70	5.51	3.73	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.11	0.11	2.90	ppb
Lead	207-1	0.09	0.10	0.12	0.10	12.61	ppb
Lead	208-1	0.10	0.10	0.10	0.10	3.36	ppb
Lithium	6-1				97		%
Magnesium	24-2	7.48	7.73	7.61	7.61	1.59	ppb
Manganese	55-2	0.15	0.17	0.14	0.15	9.88	ppb
Molybdenum	94-1	0.22	0.16	0.23	0.20	16.19	ppb
Molybdenum	95-1	0.22	0.18	0.22	0.21	10.95	ppb
Molybdenum	96-1	0.23	0.18	0.21	0.21	12.49	ppb
Molybdenum	97-1	0.24	0.20	0.22	0.22	7.55	ppb
Molybdenum	98-1	0.21	0.19	0.20	0.20	6.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.00	0.01	77.70	ppb
Phosphorus	31-2	-11.96	-11.06	-9.46	-10.83		ppb
Potassium	39-2	12.96	11.67	9.19	11.27	16.99	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	-0.09	-0.18	-0.03	-0.10		ppb
Selenium	77-2	0.00	0.00	0.16	0.05	173.21	ppb
Selenium	78-2	0.49	0.55	1.13	0.72	49.06	ppb
Silicon	28-1	1.55	1.40	1.39	1.45	6.21	ppb
Silver	107-1	0.02	0.03	0.02	0.02	10.85	ppb
Silver	109-1	0.03	0.02	0.02	0.02	7.46	ppb
Sodium	23-2	25.39	23.56	23.90	24.28	4.02	ppb
Strontium	86-1	0.20	0.21	0.31	0.24	24.04	ppb
Strontium	88-1	0.23	0.21	0.27	0.24	14.17	ppb
Sulfur	34-1	-424.50	-394.62	-433.32	-417.48		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.03	0.02	0.03	28.25	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	2.95	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:07:44	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.00	0.02	0.01	0.01	67.51	ppb
Titanium	47-1	0.08	0.12	0.13	0.11	26.90	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.76	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	16.88	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	0.08	0.06	0.09	0.08	24.36	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	22.22	ppb
Zirconium	91-1	0.01	0.01	0.02	0.02	12.62	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	PB151389BL	Instrumnet Name :	P7
Client Sample ID :	PB151389BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:23:13	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	0.24	0.14	0.16	44.64	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	26.44	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.02	0.01	0.02	0.01	43.29	ppb
Barium	137-1	0.01	0.02	0.01	0.01	34.87	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	33.91	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	3.57	3.45	2.91	3.31	10.54	ppb
Boron	11-1	3.48	3.23	3.09	3.27	6.17	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	-0.05	-0.05	-0.02		ppb
Cadmium	106-1	0.54	-0.73	-0.75	-0.31		ppb
Cadmium	108-1	0.06	-0.01	-0.02	0.01	390.46	ppb
Calcium	43-1	0.51	0.53	0.46	0.50	7.53	ppb
Calcium	44-1	2.66	2.41	1.79	2.29	19.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.00	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.11	0.11	0.12	0.11	3.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	1.02	1.20	1.02	1.08	9.64	ppb
Iron	57-2	0.43	-0.14	-0.53	-0.08		ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	PB151389BL	Instrumnet Name :	P7
Client Sample ID :	PB151389BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:23:13	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.29	1.69	1.83	1.61	17.38	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	19.99	ppb
Lead	207-1	0.03	0.04	0.04	0.03	13.76	ppb
Lead	208-1	0.03	0.03	0.03	0.03	4.57	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.38	1.36	1.18	1.31	8.53	ppb
Manganese	55-2	0.02	0.03	0.01	0.02	45.47	ppb
Molybdenum	94-1	0.02	0.02	0.03	0.02	16.80	ppb
Molybdenum	95-1	0.06	0.04	0.04	0.04	22.67	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	16.81	ppb
Molybdenum	97-1	0.03	0.03	0.04	0.03	20.91	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	28.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00		ppb
Phosphorus	31-2	-9.91	-10.18	-15.80	-11.96		ppb
Potassium	39-2	1.42	4.00	3.38	2.93	45.95	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.00	0.12	0.05	0.06	102.54	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.97	1.50	0.22	0.90	71.92	ppb
Silicon	28-1	-0.02	0.09	0.09	0.05	121.69	ppb
Silver	107-1	0.02	0.01	0.01	0.01	21.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.67	ppb
Sodium	23-2	8.49	7.68	8.71	8.29	6.51	ppb
Strontium	86-1	0.04	0.03	0.05	0.04	22.08	ppb
Strontium	88-1	0.05	0.04	0.04	0.04	3.63	ppb
Sulfur	34-1	-413.84	-405.91	-416.66	-412.14		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.01	0.02	0.02	17.52	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	8.72	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	PB151389BL	Instrumnet Name :	P7
Client Sample ID :	PB151389BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:23:13	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.01	0.00	0.00	0.00	122.91	ppb
Titanium	47-1	0.05	0.06	0.04	0.05	17.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.86	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	33.87	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	0.18	0.07	0.04	0.09	77.99	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.00	0.00	69.61	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	PB151389BS	Instrumnet Name :	P7
Client Sample ID :	PB151389BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:26:30	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9973.18	9817.67	9756.69	9849.18	1.13	ppb
Antimony	121-1	500.23	520.49	522.88	514.53	2.42	ppb
Arsenic	75-2	506.28	498.35	495.07	499.90	1.15	ppb
Barium	135-1	2484.45	2603.64	2604.97	2564.35	2.70	ppb
Barium	137-1	2484.12	2606.23	2614.02	2568.12	2.84	ppb
Beryllium	9-1	508.16	529.23	527.67	521.68	2.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	473.52	520.06	531.34	508.31	6.03	ppb
Boron	11-1	478.82	534.80	529.30	514.31	6.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	502.85	521.18	530.01	518.01	2.67	ppb
Cadmium	106-1	512.35	525.88	526.30	521.51	1.52	ppb
Cadmium	108-1	504.82	517.41	529.06	517.10	2.34	ppb
Calcium	43-1	59202.21	59984.97	60042.53	59743.24	0.79	ppb
Calcium	44-1	53459.23	54787.20	53996.52	54080.98	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.25	517.52	500.01	508.60	1.72	ppb
Cobalt	59-2	523.87	515.35	512.13	517.12	1.17	ppb
Copper	63-2	5123.77	5233.62	5139.24	5165.54	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	27043.96	27046.28	26465.86	26852.03	1.25	ppb
Iron	57-2	26839.58	26628.39	26539.19	26669.05	0.58	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	PB151389BS	Instrumnet Name :	P7
Client Sample ID :	PB151389BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:26:30	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26812.70	27484.88	26649.58	26982.39	1.64	ppb
Krypton	83-1						cps
Lead	206-1	2455.35	2502.55	2530.04	2495.98	1.51	ppb
Lead	207-1	2457.89	2520.40	2545.37	2507.89	1.80	ppb
Lead	208-1	2453.95	2494.02	2528.63	2492.20	1.50	ppb
Lithium	6-1				95		%
Magnesium	24-2	51104.71	50933.14	50010.46	50682.77	1.16	ppb
Manganese	55-2	5090.23	5192.10	4981.30	5087.88	2.07	ppb
Molybdenum	94-1	4961.51	5018.89	5048.21	5009.54	0.88	ppb
Molybdenum	95-1	4880.11	5035.70	4975.55	4963.79	1.58	ppb
Molybdenum	96-1	4936.97	5046.13	5026.63	5003.24	1.16	ppb
Molybdenum	97-1	4869.04	5016.06	5068.06	4984.39	2.07	ppb
Molybdenum	98-1	4827.62	5030.10	5043.30	4967.01	2.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.57	511.39	503.59	509.18	0.96	ppb
Phosphorus	31-2	9998.62	10098.08	9805.12	9967.27	1.49	ppb
Potassium	39-2	25057.20	24740.13	24534.54	24777.29	1.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	495.13	512.91	511.55	506.53	1.95	ppb
Selenium	77-2	495.15	496.19	503.19	498.18	0.88	ppb
Selenium	78-2	500.73	500.07	500.43	500.41	0.07	ppb
Silicon	28-1	502.27	537.66	541.54	527.16	4.11	ppb
Silver	107-1	518.11	529.37	533.64	527.04	1.52	ppb
Silver	109-1	517.93	530.14	531.93	526.67	1.45	ppb
Sodium	23-2	50385.27	50458.68	49273.33	50039.10	1.33	ppb
Strontium	86-1	12213.43	12693.84	12525.49	12477.59	1.95	ppb
Strontium	88-1	12387.43	12764.36	12719.06	12623.62	1.63	ppb
Sulfur	34-1	9025.73	9236.45	9125.61	9129.26	1.15	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	490.32	501.30	505.45	499.02	1.57	ppb
Thallium	205-1	494.99	499.38	502.14	498.83	0.72	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	PB151389BS	Instrumnet Name :	P7
Client Sample ID :	PB151389BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:26:30	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	505.98	515.39	517.61	513.00	1.20	ppb
Titanium	47-1	4902.76	5053.77	4970.03	4975.52	1.52	ppb
Uranium	238-1	479.38	484.15	495.49	486.34	1.70	ppb
Vanadium	51-2	512.04	513.95	502.51	509.50	1.20	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	5199.88	5340.69	5218.65	5253.07	1.46	ppb
Zirconium	90-1	488.47	508.75	503.33	500.18	2.10	ppb
Zirconium	91-1	488.79	506.07	497.61	497.49	1.74	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-17	Instrumnet Name :	P7
Client Sample ID :	CF-19	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:36:24	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	222205.31	225671.81	226836.45	224904.52	1.07	ppb
Antimony	121-1	0.11	0.13	0.12	0.12	10.88	ppb
Arsenic	75-2	15.36	15.84	15.88	15.70	1.83	ppb
Barium	135-1	1755.90	1738.97	1781.66	1758.84	1.22	ppb
Barium	137-1	1732.01	1762.44	1772.54	1755.67	1.20	ppb
Beryllium	9-1	13.03	13.01	13.65	13.23	2.74	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Boron	10-1	8.78	9.89	10.29	9.65	8.08	ppb
Boron	11-1	9.56	10.32	10.50	10.13	4.94	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.41	2.57	2.67	2.55	5.09	ppb
Cadmium	106-1	25.48	26.78	27.50	26.59	3.84	ppb
Cadmium	108-1	7.49	7.49	6.95	7.31	4.27	ppb
Calcium	43-1	14322.65	14395.54	14442.71	14386.96	0.42	ppb
Calcium	44-1	13675.89	13597.02	13507.12	13593.34	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	191.31	192.17	197.21	193.56	1.65	ppb
Cobalt	59-2	115.46	113.53	114.17	114.39	0.86	ppb
Copper	63-2	326.72	337.59	328.14	330.81	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				135		%
Holmium	165-2				127		%
Indium	115-1				125		%
Indium	115-2				117		%
Iron	56-2	232986.02	235277.59	235252.66	234505.42	0.56	ppb
Iron	57-2	235044.24	234819.87	228145.58	232669.90	1.68	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-17	Instrumnet Name :	P7
Client Sample ID :	CF-19	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:36:24	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	232679.18	233803.67	237742.28	234741.71	1.13	ppb
Krypton	83-1						cps
Lead	206-1	113.75	118.28	117.65	116.56	2.11	ppb
Lead	207-1	99.52	101.02	103.65	101.40	2.06	ppb
Lead	208-1	110.31	111.38	113.44	111.71	1.42	ppb
Lithium	6-1				112		%
Magnesium	24-2	24375.65	24926.33	24544.35	24615.44	1.15	ppb
Manganese	55-2	4959.31	4997.56	5058.96	5005.27	1.00	ppb
Molybdenum	94-1	63.05	62.88	65.23	63.72	2.06	ppb
Molybdenum	95-1	1.46	1.45	1.45	1.45	0.30	ppb
Molybdenum	96-1	10.52	10.45	10.87	10.61	2.08	ppb
Molybdenum	97-1	1.44	1.39	1.48	1.44	3.20	ppb
Molybdenum	98-1	1.32	1.30	1.35	1.33	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.14	110.84	110.70	110.23	0.86	ppb
Phosphorus	31-2	4891.27	4860.75	4865.92	4872.65	0.34	ppb
Potassium	39-2	6726.80	6684.18	6484.68	6631.89	1.95	ppb
Rhodium	103-1				119		%
Rhodium	103-2				112		%
Scandium	45-1				166		%
Scandium	45-2				160		%
Selenium	82-1	4.50	4.15	4.31	4.32	3.99	ppb
Selenium	77-2	80.06	81.71	76.42	79.40	3.41	ppb
Selenium	78-2	17.32	17.70	18.01	17.68	1.96	ppb
Silicon	28-1	1262.25	1260.25	1244.01	1255.50	0.80	ppb
Silver	107-1	0.21	0.21	0.22	0.21	2.10	ppb
Silver	109-1	0.14	0.14	0.15	0.14	2.35	ppb
Sodium	23-2	1087.47	1139.36	1137.83	1121.55	2.63	ppb
Strontium	86-1	69.00	68.32	70.64	69.32	1.72	ppb
Strontium	88-1	69.28	69.98	70.30	69.85	0.75	ppb
Sulfur	34-1	-1281.55	-1162.20	-1201.50	-1215.08		ppb
Terbium	159-1				133		%
Terbium	159-2				128		%
Thallium	203-1	1.06	1.04	1.12	1.07	3.85	ppb
Thallium	205-1	1.07	1.07	1.09	1.07	1.11	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-17	Instrumnet Name :	P7
Client Sample ID :	CF-19	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:36:24	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	2.29	2.34	2.37	2.33	1.67	ppb
Titanium	47-1	3752.11	3785.79	3800.33	3779.41	0.65	ppb
Uranium	238-1	8.41	8.72	8.73	8.62	2.06	ppb
Vanadium	51-2	286.68	286.92	284.65	286.08	0.44	ppb
Yttrium	89-1				239		%
Yttrium	89-2				225		%
Zinc	66-2	403.39	409.44	402.46	405.09	0.94	ppb
Zirconium	90-1	35.06	34.93	35.88	35.29	1.45	ppb
Zirconium	91-1	35.17	34.86	36.20	35.41	1.97	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-17DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-19DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:39:20	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57392.19	56353.48	56220.63	56655.43	1.13	ppb
Antimony	121-1	0.03	0.04	0.05	0.04	23.61	ppb
Arsenic	75-2	5.26	5.01	4.85	5.04	4.09	ppb
Barium	135-1	347.28	351.28	348.84	349.13	0.58	ppb
Barium	137-1	353.53	358.73	349.48	353.91	1.31	ppb
Beryllium	9-1	2.53	2.74	2.59	2.62	4.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	4.62	5.21	4.69	4.84	6.64	ppb
Boron	11-1	4.86	5.03	4.81	4.90	2.35	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.60	0.44	0.45	0.50	18.20	ppb
Cadmium	106-1	6.02	4.52	4.69	5.08	16.21	ppb
Cadmium	108-1	1.45	1.65	1.64	1.58	7.08	ppb
Calcium	43-1	3489.85	3529.19	3571.92	3530.32	1.16	ppb
Calcium	44-1	3316.58	3291.16	3329.31	3312.35	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.64	49.09	49.30	49.01	0.69	ppb
Cobalt	59-2	28.73	29.09	28.74	28.85	0.71	ppb
Copper	63-2	88.11	88.96	89.33	88.80	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	59188.30	59130.91	59642.53	59320.58	0.47	ppb
Iron	57-2	57876.75	57986.63	58467.71	58110.36	0.54	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-17DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-19DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:39:20	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	58716.30	59196.85	59467.76	59126.97	0.64	ppb
Krypton	83-1						cps
Lead	206-1	22.10	22.27	22.37	22.25	0.62	ppb
Lead	207-1	19.49	19.48	19.26	19.41	0.65	ppb
Lead	208-1	20.64	20.71	20.68	20.68	0.18	ppb
Lithium	6-1				98		%
Magnesium	24-2	6247.43	6182.32	6237.69	6222.48	0.56	ppb
Manganese	55-2	1254.08	1250.98	1250.69	1251.92	0.15	ppb
Molybdenum	94-1	19.21	20.25	19.87	19.78	2.68	ppb
Molybdenum	95-1	0.49	0.49	0.48	0.49	1.48	ppb
Molybdenum	96-1	3.24	3.43	3.39	3.35	2.96	ppb
Molybdenum	97-1	0.48	0.48	0.45	0.47	3.41	ppb
Molybdenum	98-1	0.43	0.44	0.43	0.43	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.82	29.07	28.80	28.90	0.52	ppb
Phosphorus	31-2	1186.02	1184.84	1186.73	1185.87	0.08	ppb
Potassium	39-2	1626.99	1626.09	1620.25	1624.44	0.23	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	1.66	1.41	1.54	1.54	8.36	ppb
Selenium	77-2	27.21	24.92	24.24	25.46	6.11	ppb
Selenium	78-2	7.40	5.26	6.17	6.28	17.08	ppb
Silicon	28-1	305.56	310.42	313.88	309.95	1.35	ppb
Silver	107-1	0.05	0.06	0.05	0.05	7.28	ppb
Silver	109-1	0.03	0.04	0.04	0.04	9.01	ppb
Sodium	23-2	293.70	293.15	296.31	294.39	0.57	ppb
Strontium	86-1	21.23	21.97	21.98	21.73	1.97	ppb
Strontium	88-1	21.33	22.09	21.88	21.77	1.81	ppb
Sulfur	34-1	-806.36	-853.58	-788.79	-816.24		ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	0.20	0.21	0.20	0.20	3.06	ppb
Thallium	205-1	0.21	0.21	0.20	0.21	1.46	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-17DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-19DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:39:20	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.50	0.49	0.49	0.49	1.46	ppb
Titanium	47-1	913.90	928.08	940.13	927.37	1.42	ppb
Uranium	238-1	1.58	1.58	1.58	1.58	0.25	ppb
Vanadium	51-2	70.74	70.94	71.19	70.96	0.32	ppb
Yttrium	89-1				129		%
Yttrium	89-2				128		%
Zinc	66-2	104.25	104.14	103.57	103.99	0.35	ppb
Zirconium	90-1	10.58	11.08	10.97	10.88	2.38	ppb
Zirconium	91-1	10.83	11.25	11.15	11.08	2.02	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18	Instrumnet Name :	P7
Client Sample ID :	CF-20	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:42:29	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	155208.34	155092.94	153479.45	154593.58	0.63	ppb
Antimony	121-1	0.10	0.10	0.10	0.10	1.33	ppb
Arsenic	75-2	14.37	15.02	14.17	14.52	3.08	ppb
Barium	135-1	972.39	945.58	966.34	961.44	1.46	ppb
Barium	137-1	959.51	955.05	978.58	964.38	1.30	ppb
Beryllium	9-1	8.34	7.86	8.36	8.19	3.42	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	7.02	7.18	7.01	7.07	1.38	ppb
Boron	11-1	7.09	7.20	7.47	7.25	2.71	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.92	1.84	1.83	1.87	2.76	ppb
Cadmium	106-1	20.39	20.59	19.61	20.20	2.57	ppb
Cadmium	108-1	4.86	5.30	5.17	5.11	4.50	ppb
Calcium	43-1	6603.48	6617.77	6682.83	6634.69	0.64	ppb
Calcium	44-1	6166.70	6259.74	6236.76	6221.07	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.82	97.16	96.30	96.76	0.45	ppb
Cobalt	59-2	72.17	72.47	72.42	72.35	0.22	ppb
Copper	63-2	206.68	209.02	206.96	207.55	0.62	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				119		%
Holmium	165-2				115		%
Indium	115-1				113		%
Indium	115-2				108		%
Iron	56-2	162638.96	163449.06	161930.35	162672.79	0.47	ppb
Iron	57-2	159273.94	160803.16	161008.98	160362.03	0.59	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18	Instrumnet Name :	P7
Client Sample ID :	CF-20	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:42:29	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	161658.86	162658.14	161379.94	161898.98	0.42	ppb
Krypton	83-1						cps
Lead	206-1	63.89	62.65	62.82	63.12	1.06	ppb
Lead	207-1	55.74	56.00	54.76	55.50	1.18	ppb
Lead	208-1	60.05	59.65	59.23	59.64	0.69	ppb
Lithium	6-1				102		%
Magnesium	24-2	16403.28	16208.44	16357.78	16323.17	0.62	ppb
Manganese	55-2	4078.88	4152.67	4085.65	4105.73	0.99	ppb
Molybdenum	94-1	58.16	58.50	58.12	58.26	0.35	ppb
Molybdenum	95-1	1.54	1.60	1.56	1.56	1.87	ppb
Molybdenum	96-1	9.39	9.35	9.39	9.38	0.25	ppb
Molybdenum	97-1	1.50	1.45	1.43	1.46	2.46	ppb
Molybdenum	98-1	1.41	1.44	1.44	1.43	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.38	69.26	69.25	68.96	0.73	ppb
Phosphorus	31-2	3753.81	3812.19	3786.48	3784.16	0.77	ppb
Potassium	39-2	4444.53	4561.53	4520.81	4508.95	1.32	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				132		%
Scandium	45-2				128		%
Selenium	82-1	3.47	3.58	3.43	3.50	2.23	ppb
Selenium	77-2	63.95	70.07	61.65	65.22	6.68	ppb
Selenium	78-2	15.34	15.10	15.88	15.44	2.60	ppb
Silicon	28-1	1277.69	1328.59	1316.01	1307.43	2.03	ppb
Silver	107-1	0.27	0.26	0.27	0.27	0.92	ppb
Silver	109-1	0.22	0.22	0.22	0.22	0.62	ppb
Sodium	23-2	879.09	889.14	886.73	884.99	0.59	ppb
Strontium	86-1	45.19	45.32	45.15	45.22	0.20	ppb
Strontium	88-1	44.89	45.38	46.00	45.42	1.22	ppb
Sulfur	34-1	-1014.60	-967.01	-919.62	-967.08		ppb
Terbium	159-1				120		%
Terbium	159-2				116		%
Thallium	203-1	0.75	0.74	0.69	0.73	4.61	ppb
Thallium	205-1	0.73	0.75	0.71	0.73	2.77	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18	Instrumnet Name :	P7
Client Sample ID :	CF-20	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:42:29	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.42	4.61	4.60	4.54	2.33	ppb
Titanium	47-1	2848.66	2940.18	2907.32	2898.72	1.60	ppb
Uranium	238-1	7.57	7.55	7.39	7.50	1.32	ppb
Vanadium	51-2	172.23	174.76	172.64	173.21	0.78	ppb
Yttrium	89-1				178		%
Yttrium	89-2				171		%
Zinc	66-2	317.89	317.81	317.09	317.59	0.14	ppb
Zirconium	90-1	31.81	32.15	31.94	31.97	0.53	ppb
Zirconium	91-1	31.89	32.41	32.34	32.21	0.87	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:45:31	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35382.13	34423.21	35098.87	34968.07	1.41	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	7.46	ppb
Arsenic	75-2	3.44	3.83	4.04	3.77	8.10	ppb
Barium	135-1	192.10	190.53	191.44	191.36	0.41	ppb
Barium	137-1	191.17	190.08	195.34	192.20	1.45	ppb
Beryllium	9-1	1.66	1.63	1.63	1.64	0.94	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	3.20	3.47	2.94	3.20	8.22	ppb
Boron	11-1	3.45	3.33	3.17	3.32	4.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.35	0.28	0.34	0.33	11.17	ppb
Cadmium	106-1	3.43	2.88	3.91	3.41	15.12	ppb
Cadmium	108-1	0.78	1.21	1.14	1.04	22.18	ppb
Calcium	43-1	1450.94	1459.38	1519.43	1476.58	2.53	ppb
Calcium	44-1	1469.98	1452.59	1501.21	1474.59	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.63	21.56	21.55	21.58	0.20	ppb
Cobalt	59-2	16.53	16.58	16.40	16.50	0.54	ppb
Copper	63-2	48.31	48.19	47.86	48.12	0.48	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				110		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	36767.39	36593.34	36167.38	36509.37	0.85	ppb
Iron	57-2	35968.48	36437.76	35305.88	35904.04	1.58	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:45:31	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	36836.46	36575.69	36585.94	36666.03	0.40	ppb
Krypton	83-1						cps
Lead	206-1	11.96	11.89	12.02	11.96	0.57	ppb
Lead	207-1	10.51	10.52	10.45	10.49	0.35	ppb
Lead	208-1	11.31	11.23	11.31	11.28	0.40	ppb
Lithium	6-1				97		%
Magnesium	24-2	3705.89	3709.84	3614.97	3676.90	1.46	ppb
Manganese	55-2	931.89	910.02	920.43	920.78	1.19	ppb
Molybdenum	94-1	15.57	15.74	15.35	15.55	1.25	ppb
Molybdenum	95-1	0.44	0.44	0.44	0.44	0.96	ppb
Molybdenum	96-1	2.49	2.57	2.55	2.54	1.70	ppb
Molybdenum	97-1	0.40	0.43	0.41	0.42	3.28	ppb
Molybdenum	98-1	0.41	0.42	0.38	0.40	5.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.79	15.90	15.98	15.89	0.60	ppb
Phosphorus	31-2	807.90	826.16	818.17	817.41	1.12	ppb
Potassium	39-2	1061.11	1063.75	1050.69	1058.52	0.65	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	0.95	0.67	0.88	0.83	17.88	ppb
Selenium	77-2	17.71	18.29	16.59	17.53	4.92	ppb
Selenium	78-2	4.78	3.68	3.64	4.03	16.07	ppb
Silicon	28-1	292.93	289.71	294.36	292.33	0.82	ppb
Silver	107-1	0.06	0.05	0.06	0.06	9.21	ppb
Silver	109-1	0.05	0.05	0.05	0.05	3.58	ppb
Sodium	23-2	201.52	201.49	200.92	201.31	0.17	ppb
Strontium	86-1	12.11	12.32	12.17	12.20	0.90	ppb
Strontium	88-1	12.13	12.20	12.11	12.15	0.39	ppb
Sulfur	34-1	-859.86	-841.01	-833.45	-844.77		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.15	0.14	0.14	0.14	3.82	ppb
Thallium	205-1	0.14	0.14	0.14	0.14	0.62	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:45:31	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.83	0.87	0.89	0.86	3.44	ppb
Titanium	47-1	641.64	628.27	657.15	642.36	2.25	ppb
Uranium	238-1	1.38	1.40	1.40	1.39	0.83	ppb
Vanadium	51-2	38.18	38.23	38.24	38.21	0.08	ppb
Yttrium	89-1				121		%
Yttrium	89-2				119		%
Zinc	66-2	70.87	71.88	71.61	71.45	0.73	ppb
Zirconium	90-1	8.55	8.62	8.56	8.58	0.43	ppb
Zirconium	91-1	8.64	8.57	8.67	8.62	0.56	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DUP	Instrumnet Name :	P7
Client Sample ID :	CF-20DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:48:43	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	154157.09	156077.84	154357.98	154864.30	0.68	ppb
Antimony	121-1	0.08	0.08	0.07	0.08	3.76	ppb
Arsenic	75-2	14.35	14.62	14.04	14.34	2.02	ppb
Barium	135-1	978.47	971.54	983.23	977.75	0.60	ppb
Barium	137-1	972.85	979.75	983.09	978.56	0.53	ppb
Beryllium	9-1	8.05	8.40	8.04	8.16	2.54	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	5.53	6.10	6.02	5.88	5.21	ppb
Boron	11-1	5.96	6.43	6.12	6.17	3.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.86	1.93	1.97	1.92	2.84	ppb
Cadmium	106-1	20.42	20.77	21.97	21.05	3.85	ppb
Cadmium	108-1	5.42	5.18	5.83	5.48	5.97	ppb
Calcium	43-1	6421.18	6436.33	6396.45	6417.99	0.31	ppb
Calcium	44-1	5996.91	5967.19	6118.56	6027.55	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.76	96.82	96.54	96.37	0.57	ppb
Cobalt	59-2	72.01	72.77	72.29	72.36	0.53	ppb
Copper	63-2	203.75	207.17	204.38	205.10	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				115		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	162130.48	163354.23	163611.81	163032.17	0.49	ppb
Iron	57-2	159386.06	160779.84	159469.30	159878.40	0.49	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DUP	Instrumnet Name :	P7
Client Sample ID :	CF-20DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:48:43	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	160997.92	161573.70	162708.26	161759.96	0.54	ppb
Krypton	83-1						cps
Lead	206-1	62.04	64.02	63.37	63.14	1.60	ppb
Lead	207-1	53.79	56.24	55.39	55.14	2.25	ppb
Lead	208-1	58.27	60.26	59.83	59.46	1.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	16297.02	16503.37	16277.64	16359.34	0.76	ppb
Manganese	55-2	4084.22	4130.78	4125.17	4113.39	0.62	ppb
Molybdenum	94-1	57.61	57.84	57.79	57.74	0.21	ppb
Molybdenum	95-1	1.47	1.48	1.50	1.48	1.30	ppb
Molybdenum	96-1	9.19	9.33	9.32	9.28	0.87	ppb
Molybdenum	97-1	1.47	1.47	1.46	1.46	0.47	ppb
Molybdenum	98-1	1.36	1.38	1.37	1.37	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.80	68.74	68.86	68.46	0.85	ppb
Phosphorus	31-2	3782.43	3774.89	3719.00	3758.77	0.92	ppb
Potassium	39-2	4435.95	4431.68	4353.74	4407.12	1.05	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				135		%
Scandium	45-2				129		%
Selenium	82-1	3.26	2.87	3.16	3.09	6.60	ppb
Selenium	77-2	66.93	62.55	62.76	64.08	3.86	ppb
Selenium	78-2	14.88	15.42	16.38	15.56	4.90	ppb
Silicon	28-1	1279.49	1259.77	1277.44	1272.23	0.85	ppb
Silver	107-1	0.25	0.25	0.25	0.25	0.81	ppb
Silver	109-1	0.19	0.21	0.21	0.20	4.72	ppb
Sodium	23-2	790.59	799.76	792.80	794.38	0.60	ppb
Strontium	86-1	44.62	45.26	44.86	44.91	0.73	ppb
Strontium	88-1	44.91	44.94	44.81	44.89	0.15	ppb
Sulfur	34-1	-1091.15	-1104.17	-1029.72	-1075.01		ppb
Terbium	159-1				119		%
Terbium	159-2				116		%
Thallium	203-1	0.73	0.72	0.72	0.72	0.53	ppb
Thallium	205-1	0.73	0.72	0.72	0.72	0.81	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DUP	Instrumnet Name :	P7
Client Sample ID :	CF-20DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:48:43	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	3.48	3.48	3.47	3.48	0.22	ppb
Titanium	47-1	2841.74	2817.74	2877.51	2845.66	1.06	ppb
Uranium	238-1	7.35	7.73	7.60	7.56	2.50	ppb
Vanadium	51-2	172.44	175.03	172.75	173.41	0.82	ppb
Yttrium	89-1				179		%
Yttrium	89-2				171		%
Zinc	66-2	306.96	309.30	306.99	307.75	0.44	ppb
Zirconium	90-1	31.67	32.04	32.01	31.91	0.65	ppb
Zirconium	91-1	31.80	32.10	32.24	32.05	0.69	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:51:46	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34812.77	34508.12	34202.50	34507.79	0.88	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	5.07	ppb
Arsenic	75-2	4.06	4.15	3.76	3.99	5.11	ppb
Barium	135-1	186.40	188.61	191.00	188.67	1.22	ppb
Barium	137-1	187.19	189.61	191.68	189.49	1.19	ppb
Beryllium	9-1	1.58	1.61	1.56	1.58	1.54	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	2.87	2.84	2.78	2.83	1.47	ppb
Boron	11-1	2.81	2.76	2.81	2.79	0.98	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.34	0.34	0.33	0.34	2.69	ppb
Cadmium	106-1	3.77	3.45	3.65	3.62	4.44	ppb
Cadmium	108-1	1.01	0.95	1.19	1.05	11.80	ppb
Calcium	43-1	1398.39	1420.79	1442.74	1420.64	1.56	ppb
Calcium	44-1	1398.28	1437.51	1468.80	1434.86	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.48	21.48	21.41	21.46	0.18	ppb
Cobalt	59-2	16.29	16.21	16.46	16.32	0.78	ppb
Copper	63-2	47.74	47.98	47.48	47.74	0.52	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				110		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	36523.32	36838.68	36456.60	36606.20	0.56	ppb
Iron	57-2	35940.02	36130.42	35575.47	35881.97	0.79	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:51:46	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	36462.77	36183.16	36189.32	36278.42	0.44	ppb
Krypton	83-1						cps
Lead	206-1	11.51	12.10	12.05	11.89	2.75	ppb
Lead	207-1	10.15	10.49	10.66	10.43	2.51	ppb
Lead	208-1	10.98	11.41	11.39	11.26	2.19	ppb
Lithium	6-1				97		%
Magnesium	24-2	3727.56	3609.74	3588.89	3642.06	2.05	ppb
Manganese	55-2	919.66	913.73	910.00	914.46	0.53	ppb
Molybdenum	94-1	15.16	15.42	15.43	15.34	0.99	ppb
Molybdenum	95-1	0.38	0.41	0.42	0.41	5.23	ppb
Molybdenum	96-1	2.51	2.53	2.54	2.53	0.70	ppb
Molybdenum	97-1	0.38	0.42	0.41	0.40	5.40	ppb
Molybdenum	98-1	0.38	0.37	0.38	0.38	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.81	15.46	15.68	15.65	1.13	ppb
Phosphorus	31-2	787.00	824.34	806.57	805.97	2.32	ppb
Potassium	39-2	1030.20	1030.19	1027.09	1029.16	0.17	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	1.00	0.88	0.71	0.86	16.97	ppb
Selenium	77-2	18.26	16.55	19.10	17.97	7.24	ppb
Selenium	78-2	4.37	4.75	3.83	4.32	10.70	ppb
Silicon	28-1	276.55	291.74	289.73	286.01	2.88	ppb
Silver	107-1	0.05	0.05	0.06	0.05	4.56	ppb
Silver	109-1	0.04	0.04	0.04	0.04	1.88	ppb
Sodium	23-2	178.90	177.54	178.12	178.19	0.38	ppb
Strontium	86-1	11.68	12.28	12.22	12.06	2.72	ppb
Strontium	88-1	11.83	12.14	12.09	12.02	1.39	ppb
Sulfur	34-1	-950.82	-955.08	-836.99	-914.30		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.14	0.14	0.14	0.14	2.94	ppb
Thallium	205-1	0.13	0.14	0.14	0.13	2.74	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:51:46	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.65	0.72	0.71	0.70	5.26	ppb
Titanium	47-1	615.61	629.69	652.44	632.58	2.94	ppb
Uranium	238-1	1.37	1.39	1.43	1.39	2.24	ppb
Vanadium	51-2	38.37	37.95	37.84	38.05	0.73	ppb
Yttrium	89-1				122		%
Yttrium	89-2				119		%
Zinc	66-2	69.71	69.64	70.53	69.96	0.71	ppb
Zirconium	90-1	8.25	8.50	8.56	8.44	1.94	ppb
Zirconium	91-1	8.21	8.50	8.61	8.44	2.40	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18LX5	Instrumnet Name :	P7
Client Sample ID :	CF-20L	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:54:57	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34560.93	33792.40	34272.17	34208.50	1.13	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	12.70	ppb
Arsenic	75-2	4.21	3.66	3.77	3.88	7.48	ppb
Barium	135-1	182.62	190.05	190.28	187.65	2.32	ppb
Barium	137-1	182.12	190.26	188.18	186.85	2.26	ppb
Beryllium	9-1	1.59	1.58	1.65	1.60	2.41	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	2.54	2.41	2.47	2.47	2.63	ppb
Boron	11-1	2.50	2.42	2.61	2.51	3.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.29	0.31	0.30	0.30	4.38	ppb
Cadmium	106-1	3.05	3.30	3.12	3.15	4.06	ppb
Cadmium	108-1	1.05	1.12	0.87	1.01	12.84	ppb
Calcium	43-1	1450.28	1468.59	1449.73	1456.20	0.74	ppb
Calcium	44-1	1445.03	1468.66	1445.36	1453.02	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.41	21.39	21.33	21.38	0.19	ppb
Cobalt	59-2	16.22	16.24	16.34	16.27	0.41	ppb
Copper	63-2	47.74	47.26	47.57	47.52	0.52	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				109		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	36353.29	35462.09	36514.92	36110.10	1.57	ppb
Iron	57-2	35965.47	34947.60	35757.06	35556.71	1.51	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18LX5	Instrumnet Name :	P7
Client Sample ID :	CF-20L	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:54:57	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	36083.27	36119.11	36565.13	36255.84	0.74	ppb
Krypton	83-1						cps
Lead	206-1	11.37	11.55	11.91	11.61	2.38	ppb
Lead	207-1	9.95	10.28	10.45	10.23	2.46	ppb
Lead	208-1	10.84	11.05	11.27	11.05	1.93	ppb
Lithium	6-1				98		%
Magnesium	24-2	3576.72	3505.12	3640.33	3574.06	1.89	ppb
Manganese	55-2	911.61	893.14	918.48	907.75	1.44	ppb
Molybdenum	94-1	15.19	15.47	15.48	15.38	1.06	ppb
Molybdenum	95-1	0.39	0.42	0.41	0.41	3.56	ppb
Molybdenum	96-1	2.48	2.46	2.58	2.51	2.63	ppb
Molybdenum	97-1	0.39	0.43	0.42	0.41	4.76	ppb
Molybdenum	98-1	0.37	0.40	0.37	0.38	4.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.19	15.50	15.43	15.37	1.06	ppb
Phosphorus	31-2	812.55	803.73	820.32	812.20	1.02	ppb
Potassium	39-2	1052.04	1031.18	1053.26	1045.49	1.19	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	0.62	0.93	1.02	0.86	24.43	ppb
Selenium	77-2	20.20	16.23	17.80	18.08	11.06	ppb
Selenium	78-2	6.00	5.33	4.29	5.21	16.52	ppb
Silicon	28-1	286.45	285.76	280.53	284.25	1.14	ppb
Silver	107-1	0.05	0.06	0.06	0.06	9.71	ppb
Silver	109-1	0.04	0.04	0.05	0.04	11.61	ppb
Sodium	23-2	201.34	198.20	198.83	199.45	0.83	ppb
Strontium	86-1	11.91	12.10	12.16	12.06	1.07	ppb
Strontium	88-1	11.92	12.14	12.09	12.05	0.96	ppb
Sulfur	34-1	-916.68	-926.47	-958.09	-933.75		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.14	0.14	0.13	0.13	3.12	ppb
Thallium	205-1	0.13	0.13	0.14	0.13	4.61	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18LX5	Instrumnet Name :	P7
Client Sample ID :	CF-20L	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:54:57	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.87	0.89	0.88	0.88	0.93	ppb
Titanium	47-1	637.12	637.88	622.72	632.57	1.35	ppb
Uranium	238-1	1.35	1.36	1.39	1.37	1.56	ppb
Vanadium	51-2	37.85	37.13	37.81	37.60	1.07	ppb
Yttrium	89-1				122		%
Yttrium	89-2				120		%
Zinc	66-2	69.29	70.43	71.58	70.44	1.63	ppb
Zirconium	90-1	8.31	8.51	8.49	8.44	1.25	ppb
Zirconium	91-1	8.44	8.49	8.56	8.50	0.69	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:01:31	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49974.90	49167.33	50729.10	49957.11	1.56	ppb
Antimony	121-1	487.44	504.27	505.01	498.91	1.99	ppb
Arsenic	75-2	495.14	502.44	511.65	503.07	1.64	ppb
Barium	135-1	2488.00	2616.23	2559.91	2554.71	2.52	ppb
Barium	137-1	2522.85	2602.28	2571.56	2565.56	1.56	ppb
Beryllium	9-1	498.62	506.07	529.95	511.55	3.20	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	485.58	518.30	548.71	517.53	6.10	ppb
Boron	11-1	492.40	526.26	557.58	525.41	6.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	466.85	485.04	485.09	478.99	2.20	ppb
Cadmium	106-1	487.31	501.06	498.80	495.72	1.49	ppb
Cadmium	108-1	480.31	490.50	498.02	489.61	1.82	ppb
Calcium	43-1	248609.88	254749.91	251112.95	251490.92	1.23	ppb
Calcium	44-1	242726.62	248839.47	249494.62	247020.23	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	520.69	509.64	520.87	517.07	1.24	ppb
Cobalt	59-2	521.04	519.80	534.48	525.11	1.55	ppb
Copper	63-2	5098.04	5093.91	5226.74	5139.56	1.47	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				96		%
Indium	115-2				94		%
Iron	56-2	128602.02	128355.16	128792.89	128583.36	0.17	ppb
Iron	57-2	127041.22	127208.26	127130.31	127126.60	0.07	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:01:31	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	127195.40	127894.60	129305.96	128131.99	0.84	ppb
Krypton	83-1						cps
Lead	206-1	2497.72	2619.64	2644.60	2587.32	3.04	ppb
Lead	207-1	2501.76	2611.91	2654.95	2589.54	3.05	ppb
Lead	208-1	2520.68	2601.90	2642.55	2588.37	2.40	ppb
Lithium	6-1				90		%
Magnesium	24-2	252824.61	254272.56	260140.92	255746.03	1.51	ppb
Manganese	55-2	5090.91	5043.55	5121.59	5085.35	0.77	ppb
Molybdenum	94-1	5075.89	5094.53	5066.24	5078.89	0.28	ppb
Molybdenum	95-1	5065.87	5114.23	5081.50	5087.20	0.49	ppb
Molybdenum	96-1	5024.75	5143.86	5117.04	5095.22	1.23	ppb
Molybdenum	97-1	5058.99	5128.24	5135.44	5107.56	0.83	ppb
Molybdenum	98-1	5077.97	5122.22	5050.71	5083.63	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.52	498.87	507.95	502.78	0.93	ppb
Phosphorus	31-2	10044.18	9975.16	10223.26	10080.86	1.27	ppb
Potassium	39-2	123549.17	124314.17	127380.99	125081.44	1.62	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	496.52	506.65	503.97	502.38	1.04	ppb
Selenium	77-2	510.68	518.91	519.61	516.40	0.96	ppb
Selenium	78-2	494.28	515.10	518.33	509.24	2.56	ppb
Silicon	28-1	517.38	528.86	541.46	529.23	2.28	ppb
Silver	107-1	474.99	493.86	495.90	488.25	2.36	ppb
Silver	109-1	477.92	493.88	492.55	488.12	1.81	ppb
Sodium	23-2	250400.53	248220.72	256687.43	251769.56	1.75	ppb
Strontium	86-1	12512.83	12687.24	12592.40	12597.49	0.69	ppb
Strontium	88-1	12535.29	12798.92	12709.46	12681.23	1.06	ppb
Sulfur	34-1	9256.63	9530.23	9567.06	9451.31	1.79	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	507.55	520.56	530.02	519.38	2.17	ppb
Thallium	205-1	507.01	525.19	534.16	522.12	2.65	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:01:31	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	499.81	526.15	510.02	511.99	2.59	ppb
Titanium	47-1	4957.60	5043.57	5103.12	5034.76	1.45	ppb
Uranium	238-1	506.19	534.22	539.34	526.58	3.39	ppb
Vanadium	51-2	515.98	521.97	528.94	522.30	1.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	4996.99	4952.70	5000.91	4983.53	0.54	ppb
Zirconium	90-1	501.36	512.06	514.91	509.44	1.40	ppb
Zirconium	91-1	515.66	514.02	516.34	515.34	0.23	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:07:02	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	2.02	2.26	2.12	5.73	ppb
Antimony	121-1	0.10	0.12	0.14	0.12	14.54	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	129.90	ppb
Barium	135-1	0.06	0.04	0.05	0.05	21.56	ppb
Barium	137-1	0.06	0.05	0.06	0.06	11.51	ppb
Beryllium	9-1	0.02	0.05	0.04	0.04	35.90	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	7.52	7.30	6.93	7.25	4.12	ppb
Boron	11-1	7.85	7.54	7.17	7.52	4.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.11	-0.08	-0.07	-0.08		ppb
Cadmium	106-1	-1.54	-1.30	-1.08	-1.31		ppb
Cadmium	108-1	0.02	-0.02	-0.01	0.00		ppb
Calcium	43-1	4.07	4.12	4.81	4.33	9.47	ppb
Calcium	44-1	6.44	6.50	6.24	6.39	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.00	-0.01	0.01	263.58	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	26.74	ppb
Copper	63-2	0.16	0.17	0.17	0.17	1.41	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				107		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	5.00	4.94	4.82	4.92	1.90	ppb
Iron	57-2	4.37	3.32	3.29	3.66	16.74	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:07:02	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6.05	5.50	5.45	5.67	5.91	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.05	0.05	16.00	ppb
Lead	207-1	0.05	0.06	0.05	0.05	4.91	ppb
Lead	208-1	0.05	0.05	0.05	0.05	4.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	5.34	4.83	4.94	5.04	5.33	ppb
Manganese	55-2	0.15	0.16	0.15	0.15	3.79	ppb
Molybdenum	94-1	0.16	0.15	0.18	0.16	9.83	ppb
Molybdenum	95-1	0.20	0.17	0.16	0.18	9.86	ppb
Molybdenum	96-1	0.19	0.16	0.15	0.17	11.42	ppb
Molybdenum	97-1	0.19	0.16	0.16	0.17	10.51	ppb
Molybdenum	98-1	0.18	0.16	0.14	0.16	11.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00	256.25	ppb
Phosphorus	31-2	-10.30	-9.98	-15.31	-11.86		ppb
Potassium	39-2	7.85	7.42	6.56	7.28	9.04	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	-0.09	-0.19	0.02	-0.09		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.88	0.29	1.16	0.78	57.66	ppb
Silicon	28-1	0.92	1.36	1.60	1.30	26.54	ppb
Silver	107-1	0.02	0.02	0.02	0.02	0.48	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.89	ppb
Sodium	23-2	15.94	16.59	16.16	16.23	2.04	ppb
Strontium	86-1	0.22	0.17	0.21	0.20	11.50	ppb
Strontium	88-1	0.23	0.22	0.23	0.23	2.92	ppb
Sulfur	34-1	-401.30	-309.07	-288.47	-332.95		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.01	0.01	0.01	2.65	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	22.00	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:07:02	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.01	0.00	0.02	0.01	90.81	ppb
Titanium	47-1	0.13	0.13	0.13	0.13	2.95	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.42	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	28.82	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	0.15	0.12	0.14	0.14	10.14	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	22.80	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	34.69	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18LDLX25	Instrumnet Name :	P7
Client Sample ID :	CF-20LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-15 17:10:17	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7435.83	7382.89	7345.20	7387.97	0.62	ppb
Antimony	121-1	0.04	0.04	0.06	0.04	23.40	ppb
Arsenic	75-2	0.94	0.90	0.84	0.89	5.30	ppb
Barium	135-1	38.30	38.68	39.48	38.82	1.55	ppb
Barium	137-1	38.52	38.79	39.56	38.96	1.38	ppb
Beryllium	9-1	0.38	0.36	0.35	0.36	4.24	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	5.35	4.51	4.62	4.83	9.44	ppb
Boron	11-1	5.21	5.02	4.90	5.05	3.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.13	-0.05	0.10	0.06	164.06	ppb
Cadmium	106-1	1.38	-0.85	1.01	0.51	233.32	ppb
Cadmium	108-1	0.20	0.30	0.17	0.23	30.53	ppb
Calcium	43-1	311.26	311.66	321.26	314.73	1.80	ppb
Calcium	44-1	311.99	315.73	316.55	314.76	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.65	4.61	4.54	4.60	1.21	ppb
Cobalt	59-2	3.49	3.46	3.50	3.48	0.64	ppb
Copper	63-2	10.26	10.41	10.10	10.26	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	7926.58	7808.41	7748.23	7827.74	1.16	ppb
Iron	57-2	8099.12	8015.61	7935.58	8016.77	1.02	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18LDLX25	Instrumnet Name :	P7
Client Sample ID :	CF-20LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-15 17:10:17	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7885.93	7748.21	7788.86	7807.67	0.91	ppb
Krypton	83-1						cps
Lead	206-1	2.38	2.38	2.35	2.37	0.63	ppb
Lead	207-1	2.06	2.10	2.08	2.08	1.06	ppb
Lead	208-1	2.21	2.28	2.26	2.25	1.52	ppb
Lithium	6-1				98		%
Magnesium	24-2	797.36	780.68	781.80	786.61	1.19	ppb
Manganese	55-2	200.40	197.09	197.20	198.23	0.95	ppb
Molybdenum	94-1	3.31	3.44	3.35	3.37	1.95	ppb
Molybdenum	95-1	0.17	0.15	0.15	0.16	5.75	ppb
Molybdenum	96-1	0.62	0.59	0.59	0.60	2.95	ppb
Molybdenum	97-1	0.16	0.16	0.16	0.16	1.68	ppb
Molybdenum	98-1	0.15	0.15	0.14	0.15	5.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.27	3.33	3.18	3.26	2.29	ppb
Phosphorus	31-2	166.91	168.68	163.43	166.34	1.61	ppb
Potassium	39-2	230.17	228.70	223.45	227.44	1.55	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.30	0.21	0.47	0.33	40.62	ppb
Selenium	77-2	3.67	4.43	4.38	4.16	10.21	ppb
Selenium	78-2	2.25	0.95	1.03	1.41	51.68	ppb
Silicon	28-1	62.37	63.40	64.69	63.49	1.83	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.50	ppb
Silver	109-1	0.02	0.02	0.02	0.02	4.68	ppb
Sodium	23-2	51.79	50.48	51.31	51.19	1.29	ppb
Strontium	86-1	2.81	2.77	2.75	2.77	1.07	ppb
Strontium	88-1	2.72	2.76	2.76	2.74	0.85	ppb
Sulfur	34-1	-332.03	-482.22	-426.71	-413.65		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.04	0.04	0.04	7.71	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	7.46	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18LDLX25	Instrumnet Name :	P7
Client Sample ID :	CF-20LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-15 17:10:17	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.18	0.19	0.21	0.19	8.55	ppb
Titanium	47-1	134.68	137.56	134.72	135.66	1.21	ppb
Uranium	238-1	0.28	0.28	0.28	0.28	0.82	ppb
Vanadium	51-2	8.07	8.00	7.91	7.99	0.96	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	15.42	15.19	14.59	15.07	2.85	ppb
Zirconium	90-1	1.80	1.83	1.83	1.82	0.94	ppb
Zirconium	91-1	1.80	1.81	1.87	1.83	2.02	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MS	Instrumnet Name :	P7
Client Sample ID :	CF-20MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:13:30	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	189574.70	192507.25	189445.57	190509.18	0.91	ppb
Antimony	121-1	240.69	243.75	246.02	243.49	1.10	ppb
Arsenic	75-2	345.19	348.31	340.35	344.62	1.16	ppb
Barium	135-1	3537.26	3476.25	3504.55	3506.02	0.87	ppb
Barium	137-1	3503.33	3516.20	3473.11	3497.55	0.63	ppb
Beryllium	9-1	527.36	552.67	537.27	539.10	2.37	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	351.15	380.53	392.36	374.68	5.66	ppb
Boron	11-1	358.90	377.05	393.76	376.57	4.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	503.12	504.15	504.27	503.85	0.13	ppb
Cadmium	106-1	519.54	528.00	523.43	523.66	0.81	ppb
Cadmium	108-1	473.83	481.10	488.48	481.14	1.52	ppb
Calcium	43-1	49138.22	49815.06	49361.49	49438.26	0.70	ppb
Calcium	44-1	48957.03	49668.22	49314.54	49313.26	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.30	524.90	513.33	518.84	1.12	ppb
Cobalt	59-2	491.88	502.26	484.21	492.78	1.84	ppb
Copper	63-2	4282.26	4283.26	4169.44	4244.99	1.54	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				127		%
Holmium	165-2				122		%
Indium	115-1				116		%
Indium	115-2				112		%
Iron	56-2	209767.28	210062.08	208810.43	209546.59	0.31	ppb
Iron	57-2	206910.49	210565.13	206343.95	207939.86	1.10	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MS	Instrumnet Name :	P7
Client Sample ID :	CF-20MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:13:30	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	209831.84	212167.75	207641.28	209880.29	1.08	ppb
Krypton	83-1						cps
Lead	206-1	2527.93	2601.40	2619.52	2582.95	1.88	ppb
Lead	207-1	2508.83	2575.65	2562.07	2548.85	1.39	ppb
Lead	208-1	2515.41	2595.90	2582.13	2564.48	1.68	ppb
Lithium	6-1				108		%
Magnesium	24-2	57656.57	59046.58	57234.38	57979.18	1.64	ppb
Manganese	55-2	7856.74	7909.29	7716.16	7827.40	1.28	ppb
Molybdenum	94-1	1533.79	1560.32	1547.70	1547.27	0.86	ppb
Molybdenum	95-1	1140.67	1172.04	1163.69	1158.80	1.40	ppb
Molybdenum	96-1	1186.86	1226.80	1199.84	1204.50	1.69	ppb
Molybdenum	97-1	1151.73	1184.44	1139.21	1158.46	2.02	ppb
Molybdenum	98-1	1140.61	1162.24	1140.29	1147.71	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.42	477.15	464.87	470.81	1.31	ppb
Phosphorus	31-2	4178.67	4230.02	4110.85	4173.18	1.43	ppb
Potassium	39-2	21890.91	22249.28	21937.80	22026.00	0.88	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				145		%
Scandium	45-2				139		%
Selenium	82-1	323.59	326.95	325.35	325.30	0.52	ppb
Selenium	77-2	390.00	391.67	394.61	392.09	0.60	ppb
Selenium	78-2	337.95	339.72	337.17	338.28	0.39	ppb
Silicon	28-1	1724.39	1807.71	1648.77	1726.96	4.60	ppb
Silver	107-1	174.30	162.16	155.80	164.09	5.73	ppb
Silver	109-1	160.75	152.06	163.52	158.78	3.76	ppb
Sodium	23-2	41996.74	42511.31	41750.57	42086.21	0.92	ppb
Strontium	86-1	369.87	374.16	365.35	369.79	1.19	ppb
Strontium	88-1	365.15	369.52	367.75	367.48	0.60	ppb
Sulfur	34-1	-1120.68	-1058.19	-1013.24	-1064.04		ppb
Terbium	159-1				127		%
Terbium	159-2				122		%
Thallium	203-1	488.92	490.64	504.75	494.77	1.76	ppb
Thallium	205-1	485.02	498.66	495.98	493.22	1.47	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MS	Instrumnet Name :	P7
Client Sample ID :	CF-20MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:13:30	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	399.28	402.42	402.02	401.24	0.43	ppb
Titanium	47-1	4641.74	4628.88	4611.42	4627.35	0.33	ppb
Uranium	238-1	509.58	516.89	515.59	514.02	0.76	ppb
Vanadium	51-2	618.74	624.20	608.75	617.23	1.27	ppb
Yttrium	89-1				194		%
Yttrium	89-2				185		%
Zinc	66-2	334.54	341.60	334.76	336.97	1.19	ppb
Zirconium	90-1	323.34	325.83	329.34	326.17	0.92	ppb
Zirconium	91-1	324.93	330.42	334.53	329.96	1.46	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:16:08	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43330.91	44101.65	43834.98	43755.84	0.89	ppb
Antimony	121-1	49.55	50.21	51.37	50.38	1.83	ppb
Arsenic	75-2	94.93	96.34	96.53	95.93	0.91	ppb
Barium	135-1	686.60	692.94	706.42	695.32	1.46	ppb
Barium	137-1	672.63	693.22	704.41	690.09	2.34	ppb
Beryllium	9-1	105.11	110.29	110.52	108.64	2.82	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	91.26	97.04	98.64	95.64	4.06	ppb
Boron	11-1	91.28	98.94	99.19	96.47	4.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	104.46	106.25	107.61	106.11	1.49	ppb
Cadmium	106-1	103.90	106.71	106.45	105.69	1.47	ppb
Cadmium	108-1	97.23	102.56	101.84	100.54	2.87	ppb
Calcium	43-1	11806.45	12124.74	12084.26	12005.15	1.44	ppb
Calcium	44-1	11163.10	11443.16	11515.45	11373.91	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.47	125.08	122.30	123.62	1.13	ppb
Cobalt	59-2	117.58	118.57	116.49	117.55	0.89	ppb
Copper	63-2	1029.06	1049.15	1032.03	1036.75	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	49390.67	50122.74	49078.02	49530.48	1.08	ppb
Iron	57-2	49347.38	49460.05	48115.63	48974.35	1.52	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:16:08	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	49189.12	50264.04	49627.70	49693.62	1.09	ppb
Krypton	83-1						cps
Lead	206-1	474.75	481.95	489.54	482.08	1.53	ppb
Lead	207-1	468.44	483.35	488.26	480.02	2.15	ppb
Lead	208-1	472.92	483.50	492.81	483.08	2.06	ppb
Lithium	6-1				97		%
Magnesium	24-2	13463.97	13667.79	13464.71	13532.16	0.87	ppb
Manganese	55-2	1837.96	1873.86	1824.45	1845.42	1.38	ppb
Molybdenum	94-1	421.59	428.38	425.97	425.32	0.81	ppb
Molybdenum	95-1	318.23	320.42	319.31	319.32	0.34	ppb
Molybdenum	96-1	330.81	334.52	336.43	333.92	0.86	ppb
Molybdenum	97-1	319.51	328.15	329.04	325.57	1.62	ppb
Molybdenum	98-1	315.61	323.20	321.79	320.20	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.19	116.54	114.54	115.76	0.92	ppb
Phosphorus	31-2	937.55	942.23	939.93	939.90	0.25	ppb
Potassium	39-2	5061.66	5133.14	5015.11	5069.97	1.17	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	90.98	92.40	90.90	91.43	0.93	ppb
Selenium	77-2	111.83	101.49	102.58	105.30	5.39	ppb
Selenium	78-2	96.86	91.52	91.97	93.45	3.17	ppb
Silicon	28-1	402.38	404.74	390.29	399.14	1.94	ppb
Silver	107-1	37.38	38.12	39.11	38.20	2.28	ppb
Silver	109-1	37.48	38.32	39.13	38.31	2.15	ppb
Sodium	23-2	9788.00	9960.24	9696.85	9815.03	1.36	ppb
Strontium	86-1	101.18	102.43	103.10	102.24	0.95	ppb
Strontium	88-1	102.73	103.93	103.70	103.45	0.62	ppb
Sulfur	34-1	-767.61	-657.12	-787.58	-737.44		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	86.23	89.54	89.35	88.37	2.10	ppb
Thallium	205-1	92.05	93.95	95.12	93.71	1.65	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:16:08	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	79.92	81.60	83.21	81.58	2.01	ppb
Titanium	47-1	1029.21	1085.72	1082.83	1065.92	2.99	ppb
Uranium	238-1	91.31	94.41	95.30	93.67	2.24	ppb
Vanadium	51-2	145.09	146.46	142.95	144.83	1.22	ppb
Yttrium	89-1				122		%
Yttrium	89-2				120		%
Zinc	66-2	79.98	81.26	79.78	80.34	1.00	ppb
Zirconium	90-1	88.52	91.84	90.99	90.45	1.90	ppb
Zirconium	91-1	90.72	91.65	91.57	91.32	0.57	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSD	Instrumnet Name :	P7
Client Sample ID :	CF-20MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:19:02	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	177311.73	177944.32	175646.13	176967.39	0.67	ppb
Antimony	121-1	258.49	268.69	259.21	262.13	2.17	ppb
Arsenic	75-2	354.58	354.57	351.30	353.49	0.54	ppb
Barium	135-1	3496.63	3585.39	3453.72	3511.91	1.91	ppb
Barium	137-1	3519.71	3574.90	3465.59	3520.06	1.55	ppb
Beryllium	9-1	558.91	561.54	556.69	559.04	0.43	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	10-1	369.35	392.34	401.37	387.69	4.26	ppb
Boron	11-1	380.82	405.15	418.86	401.61	4.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	503.13	528.74	508.30	513.39	2.64	ppb
Cadmium	106-1	509.13	533.08	535.79	526.00	2.79	ppb
Cadmium	108-1	476.03	500.17	488.62	488.27	2.47	ppb
Calcium	43-1	51153.37	50083.55	51050.85	50762.59	1.16	ppb
Calcium	44-1	50499.22	49946.01	49836.70	50093.98	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522.05	515.79	518.52	518.79	0.60	ppb
Cobalt	59-2	504.45	504.45	504.44	504.45	0.00	ppb
Copper	63-2	4263.62	4316.17	4327.15	4302.31	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				127		%
Holmium	165-2				121		%
Indium	115-1				118		%
Indium	115-2				112		%
Iron	56-2	191802.25	191410.11	191774.77	191662.38	0.11	ppb
Iron	57-2	186361.72	189629.94	187060.87	187684.18	0.92	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSD	Instrumnet Name :	P7
Client Sample ID :	CF-20MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:19:02	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	190124.23	190768.83	189763.58	190218.88	0.27	ppb
Krypton	83-1						cps
Lead	206-1	2551.30	2617.74	2588.66	2585.90	1.29	ppb
Lead	207-1	2522.05	2573.42	2555.22	2550.23	1.02	ppb
Lead	208-1	2540.45	2597.22	2574.36	2570.68	1.11	ppb
Lithium	6-1				106		%
Magnesium	24-2	56820.56	56894.86	57393.63	57036.35	0.55	ppb
Manganese	55-2	8139.81	8042.37	8051.48	8077.89	0.67	ppb
Molybdenum	94-1	1553.77	1576.48	1587.86	1572.70	1.10	ppb
Molybdenum	95-1	1190.06	1202.34	1197.73	1196.71	0.52	ppb
Molybdenum	96-1	1240.60	1238.35	1249.50	1242.81	0.47	ppb
Molybdenum	97-1	1188.93	1199.43	1200.95	1196.43	0.55	ppb
Molybdenum	98-1	1185.19	1195.92	1198.33	1193.15	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.37	473.70	470.52	471.87	0.35	ppb
Phosphorus	31-2	3751.63	3790.80	3737.32	3759.92	0.74	ppb
Potassium	39-2	21609.88	21967.97	21801.85	21793.23	0.82	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				141		%
Scandium	45-2				137		%
Selenium	82-1	334.48	341.98	345.18	340.54	1.61	ppb
Selenium	77-2	399.56	401.99	396.09	399.22	0.74	ppb
Selenium	78-2	350.88	353.25	351.82	351.99	0.34	ppb
Silicon	28-1	1711.00	1742.36	1662.58	1705.31	2.36	ppb
Silver	107-1	178.31	209.64	201.70	196.55	8.29	ppb
Silver	109-1	176.52	197.84	185.16	186.51	5.75	ppb
Sodium	23-2	42996.32	43183.29	42685.47	42955.03	0.59	ppb
Strontium	86-1	377.02	379.65	379.26	378.64	0.38	ppb
Strontium	88-1	376.07	377.28	376.34	376.56	0.17	ppb
Sulfur	34-1	-1203.72	-1173.88	-1123.94	-1167.18		ppb
Terbium	159-1				126		%
Terbium	159-2				122		%
Thallium	203-1	494.47	507.95	492.62	498.35	1.68	ppb
Thallium	205-1	493.30	506.14	495.81	498.42	1.37	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSD	Instrumnet Name :	P7
Client Sample ID :	CF-20MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:19:02	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	399.77	419.14	413.61	410.84	2.43	ppb
Titanium	47-1	4473.59	4506.59	4517.64	4499.27	0.51	ppb
Uranium	238-1	500.10	516.03	505.11	507.08	1.61	ppb
Vanadium	51-2	607.41	617.68	617.48	614.19	0.96	ppb
Yttrium	89-1				190		%
Yttrium	89-2				182		%
Zinc	66-2	310.01	314.96	309.86	311.61	0.93	ppb
Zirconium	90-1	331.30	335.75	336.94	334.66	0.89	ppb
Zirconium	91-1	330.97	334.01	338.06	334.35	1.06	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:21:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40218.98	40182.13	40103.46	40168.19	0.15	ppb
Antimony	121-1	51.29	59.07	57.54	55.97	7.36	ppb
Arsenic	75-2	97.22	96.71	95.98	96.64	0.64	ppb
Barium	135-1	657.77	776.87	734.60	723.08	8.35	ppb
Barium	137-1	659.06	773.67	751.20	727.98	8.34	ppb
Beryllium	9-1	101.06	116.74	111.05	109.62	7.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	92.69	105.08	103.42	100.40	6.70	ppb
Boron	11-1	93.56	108.74	105.87	102.72	7.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	100.56	117.07	112.26	109.96	7.72	ppb
Cadmium	106-1	102.08	117.37	115.25	111.57	7.42	ppb
Cadmium	108-1	94.58	111.64	106.15	104.12	8.37	ppb
Calcium	43-1	11190.59	13217.52	12476.75	12294.95	8.34	ppb
Calcium	44-1	10565.97	12319.20	11757.21	11547.46	7.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.45	118.45	119.75	119.55	0.85	ppb
Cobalt	59-2	119.61	118.09	119.27	118.99	0.67	ppb
Copper	63-2	1044.41	1037.89	1024.07	1035.46	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	45604.53	44204.20	44387.29	44732.01	1.70	ppb
Iron	57-2	44442.83	43301.57	43684.63	43809.68	1.33	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:21:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	44401.45	43948.29	44124.37	44158.03	0.52	ppb
Krypton	83-1						cps
Lead	206-1	466.98	542.71	513.31	507.66	7.52	ppb
Lead	207-1	454.94	535.56	500.79	497.10	8.13	ppb
Lead	208-1	460.94	541.65	507.21	503.26	8.05	ppb
Lithium	6-1				96		%
Magnesium	24-2	12875.77	13051.12	13109.47	13012.12	0.93	ppb
Manganese	55-2	1897.39	1826.37	1839.62	1854.46	2.04	ppb
Molybdenum	94-1	405.26	471.03	457.24	444.51	7.80	ppb
Molybdenum	95-1	304.14	355.65	343.25	334.35	8.04	ppb
Molybdenum	96-1	318.11	369.25	358.86	348.74	7.75	ppb
Molybdenum	97-1	306.91	360.40	342.45	336.59	8.09	ppb
Molybdenum	98-1	307.96	358.04	346.05	337.35	7.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.30	112.65	113.54	113.83	1.18	ppb
Phosphorus	31-2	845.84	840.81	855.92	847.52	0.91	ppb
Potassium	39-2	5021.53	4993.05	4986.74	5000.44	0.37	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	86.43	101.95	96.72	95.04	8.31	ppb
Selenium	77-2	105.07	108.93	104.56	106.19	2.25	ppb
Selenium	78-2	96.54	93.67	93.80	94.67	1.72	ppb
Silicon	28-1	302.41	381.25	377.64	353.77	12.58	ppb
Silver	107-1	40.24	46.87	44.77	43.96	7.71	ppb
Silver	109-1	39.89	46.47	44.65	43.67	7.79	ppb
Sodium	23-2	9719.95	9666.11	9787.37	9724.48	0.62	ppb
Strontium	86-1	94.84	111.21	107.64	104.57	8.23	ppb
Strontium	88-1	96.58	113.25	108.85	106.23	8.14	ppb
Sulfur	34-1	-996.80	-467.87	-638.35	-701.01		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	84.94	99.94	95.60	93.49	8.25	ppb
Thallium	205-1	90.52	105.75	100.91	99.06	7.86	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:21:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	78.21	91.56	87.72	85.83	8.01	ppb
Titanium	47-1	948.88	1126.29	1063.46	1046.21	8.60	ppb
Uranium	238-1	90.12	101.87	99.25	97.08	6.35	ppb
Vanadium	51-2	141.27	139.93	140.98	140.73	0.50	ppb
Yttrium	89-1				119		%
Yttrium	89-2				122		%
Zinc	66-2	74.45	73.17	73.09	73.57	1.04	ppb
Zirconium	90-1	85.72	99.32	96.40	93.81	7.63	ppb
Zirconium	91-1	85.40	100.37	97.12	94.30	8.35	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18A	Instrumnet Name :	P7
Client Sample ID :	CF-20A	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:24:35	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	175090.03	178701.73	189118.33	180970.03	4.02	ppb
Antimony	121-1	247.73	250.97	251.93	250.21	0.88	ppb
Arsenic	75-2	332.73	339.96	353.56	342.08	3.09	ppb
Barium	135-1	3495.78	3537.49	3592.50	3541.93	1.37	ppb
Barium	137-1	3507.75	3529.47	3591.51	3542.91	1.23	ppb
Beryllium	9-1	533.62	546.20	555.19	545.01	1.99	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	368.43	392.43	405.49	388.79	4.83	ppb
Boron	11-1	374.92	390.31	404.59	389.94	3.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	516.72	504.55	516.05	512.44	1.34	ppb
Cadmium	106-1	516.93	522.72	530.40	523.35	1.29	ppb
Cadmium	108-1	479.95	485.07	493.01	486.01	1.35	ppb
Calcium	43-1	50194.77	51734.52	49501.15	50476.82	2.26	ppb
Calcium	44-1	50074.44	49946.80	49606.42	49875.89	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.82	503.52	535.19	510.84	4.24	ppb
Cobalt	59-2	464.89	480.85	502.92	482.89	3.96	ppb
Copper	63-2	4060.33	4182.42	4338.76	4193.84	3.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				126		%
Holmium	165-2				124		%
Indium	115-1				116		%
Indium	115-2				115		%
Iron	56-2	192920.43	197229.87	209034.76	199728.35	4.18	ppb
Iron	57-2	190541.79	195371.04	203790.40	196567.74	3.41	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18A	Instrumnet Name :	P7
Client Sample ID :	CF-20A	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:24:35	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	192609.21	198869.84	208298.08	199925.71	3.95	ppb
Krypton	83-1						cps
Lead	206-1	2586.41	2687.03	2648.46	2640.64	1.92	ppb
Lead	207-1	2604.06	2667.85	2604.14	2625.35	1.40	ppb
Lead	208-1	2592.29	2661.94	2634.89	2629.71	1.34	ppb
Lithium	6-1				106		%
Magnesium	24-2	54251.78	55425.02	58820.63	56165.81	4.22	ppb
Manganese	55-2	7491.63	7687.26	8110.15	7763.01	4.07	ppb
Molybdenum	94-1	1544.27	1566.12	1572.42	1560.94	0.95	ppb
Molybdenum	95-1	1164.15	1184.71	1191.93	1180.26	1.22	ppb
Molybdenum	96-1	1225.24	1241.47	1244.98	1237.23	0.85	ppb
Molybdenum	97-1	1161.47	1193.95	1182.17	1179.20	1.39	ppb
Molybdenum	98-1	1157.60	1195.75	1180.68	1178.01	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	445.50	457.73	482.91	462.04	4.13	ppb
Phosphorus	31-2	3756.04	3875.32	4108.85	3913.40	4.59	ppb
Potassium	39-2	20764.69	21177.79	22285.15	21409.21	3.67	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				141		%
Scandium	45-2				141		%
Selenium	82-1	325.50	329.59	337.85	330.98	1.90	ppb
Selenium	77-2	365.61	375.56	400.50	380.56	4.72	ppb
Selenium	78-2	324.86	336.13	341.88	334.29	2.59	ppb
Silicon	28-1	1720.55	1660.46	1767.01	1716.01	3.11	ppb
Silver	107-1	176.90	152.34	182.23	170.49	9.35	ppb
Silver	109-1	175.24	176.71	175.41	175.78	0.46	ppb
Sodium	23-2	40025.25	40868.24	43352.52	41415.34	4.18	ppb
Strontium	86-1	365.92	366.19	376.96	369.69	1.70	ppb
Strontium	88-1	372.07	371.98	374.53	372.86	0.39	ppb
Sulfur	34-1	-1192.31	-1112.61	-1124.22	-1143.04		ppb
Terbium	159-1				125		%
Terbium	159-2				126		%
Thallium	203-1	497.28	506.24	503.26	502.26	0.91	ppb
Thallium	205-1	498.15	503.89	504.99	502.34	0.73	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18A	Instrumnet Name :	P7
Client Sample ID :	CF-20A	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:24:35	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	402.94	413.21	411.94	409.36	1.37	ppb
Titanium	47-1	4668.48	4639.30	4691.06	4666.28	0.56	ppb
Uranium	238-1	521.24	522.54	517.05	520.28	0.55	ppb
Vanadium	51-2	584.79	598.65	625.54	602.99	3.44	ppb
Yttrium	89-1				192		%
Yttrium	89-2				186		%
Zinc	66-2	308.12	317.19	333.61	319.64	4.04	ppb
Zirconium	90-1	326.83	332.25	330.42	329.83	0.84	ppb
Zirconium	91-1	328.97	329.92	338.30	332.40	1.54	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18ADLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:27:13	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42476.30	42238.63	43626.62	42780.52	1.74	ppb
Antimony	121-1	51.63	52.02	51.96	51.87	0.41	ppb
Arsenic	75-2	95.72	97.26	98.54	97.18	1.45	ppb
Barium	135-1	699.36	703.88	704.75	702.66	0.41	ppb
Barium	137-1	695.57	697.30	713.62	702.17	1.42	ppb
Beryllium	9-1	108.48	107.68	106.70	107.62	0.83	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	97.73	98.21	100.19	98.71	1.32	ppb
Boron	11-1	101.44	102.38	102.17	101.99	0.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	106.12	107.41	107.41	106.98	0.69	ppb
Cadmium	106-1	110.23	107.55	110.25	109.34	1.42	ppb
Cadmium	108-1	102.26	103.12	101.17	102.18	0.96	ppb
Calcium	43-1	12060.83	11905.18	11728.21	11898.08	1.40	ppb
Calcium	44-1	11262.42	11355.67	11326.32	11314.81	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.25	121.57	125.41	122.74	1.89	ppb
Cobalt	59-2	117.52	118.19	120.01	118.57	1.09	ppb
Copper	63-2	1037.86	1036.30	1053.40	1042.52	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	48051.99	48266.32	49303.68	48540.66	1.38	ppb
Iron	57-2	46724.53	47160.13	48654.42	47513.03	2.13	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18ADLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:27:13	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	47204.39	47747.29	49292.92	48081.53	2.25	ppb
Krypton	83-1						cps
Lead	206-1	489.29	489.95	488.89	489.38	0.11	ppb
Lead	207-1	484.31	492.04	476.73	484.36	1.58	ppb
Lead	208-1	490.26	496.36	485.67	490.76	1.09	ppb
Lithium	6-1				98		%
Magnesium	24-2	13329.77	13436.42	13766.96	13511.05	1.69	ppb
Manganese	55-2	1823.33	1846.31	1901.12	1856.92	2.15	ppb
Molybdenum	94-1	434.86	440.61	430.27	435.25	1.19	ppb
Molybdenum	95-1	328.61	331.01	324.48	328.03	1.01	ppb
Molybdenum	96-1	341.44	344.78	339.36	341.86	0.80	ppb
Molybdenum	97-1	324.92	330.08	326.38	327.13	0.81	ppb
Molybdenum	98-1	330.32	327.70	326.31	328.11	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.38	114.89	116.91	115.06	1.54	ppb
Phosphorus	31-2	886.01	908.08	908.92	901.00	1.44	ppb
Potassium	39-2	4975.51	5114.26	5432.30	5174.02	4.53	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	91.43	92.50	91.55	91.83	0.63	ppb
Selenium	77-2	106.91	115.13	111.62	111.22	3.71	ppb
Selenium	78-2	90.93	97.46	99.79	96.06	4.78	ppb
Silicon	28-1	368.80	366.77	366.32	367.30	0.36	ppb
Silver	107-1	40.15	40.26	40.57	40.32	0.54	ppb
Silver	109-1	39.84	39.55	39.50	39.63	0.47	ppb
Sodium	23-2	9663.19	9822.89	9909.24	9798.44	1.27	ppb
Strontium	86-1	102.28	102.78	101.92	102.33	0.42	ppb
Strontium	88-1	103.05	102.21	102.62	102.63	0.41	ppb
Sulfur	34-1	-894.77	-897.79	-928.97	-907.18		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	88.60	90.53	88.16	89.10	1.41	ppb
Thallium	205-1	93.51	93.60	93.50	93.54	0.06	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18ADLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:27:13	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	82.38	82.48	82.88	82.58	0.32	ppb
Titanium	47-1	1031.14	1040.25	1040.79	1037.39	0.52	ppb
Uranium	238-1	91.49	95.10	92.10	92.90	2.08	ppb
Vanadium	51-2	141.98	143.04	146.39	143.80	1.60	ppb
Yttrium	89-1				123		%
Yttrium	89-2				121		%
Zinc	66-2	78.42	78.53	79.23	78.72	0.56	ppb
Zirconium	90-1	91.20	91.36	90.68	91.08	0.39	ppb
Zirconium	91-1	92.23	92.33	92.10	92.22	0.13	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:30:08	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55216.32	55686.46	55416.98	55439.92	0.43	ppb
Antimony	121-1	0.10	0.09	0.09	0.09	4.60	ppb
Arsenic	75-2	20.09	20.01	19.77	19.96	0.84	ppb
Barium	135-1	271.10	256.56	266.46	264.71	2.81	ppb
Barium	137-1	277.30	262.73	270.60	270.21	2.70	ppb
Beryllium	9-1	3.23	3.29	3.28	3.27	0.99	ppb
Bismuth	209-1				153		%
Bismuth	209-2				136		%
Boron	10-1	16.90	16.22	16.78	16.63	2.20	ppb
Boron	11-1	17.40	17.25	17.33	17.33	0.44	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.70	0.65	0.72	0.69	4.84	ppb
Cadmium	106-1	4.35	4.26	4.33	4.32	1.08	ppb
Cadmium	108-1	1.90	1.96	1.82	1.89	3.67	ppb
Calcium	43-1	81522.87	75084.95	79018.13	78541.99	4.13	ppb
Calcium	44-1	80883.67	75963.66	79031.50	78626.28	3.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	151.07	149.78	150.17	150.34	0.44	ppb
Cobalt	59-2	37.13	37.28	37.07	37.16	0.29	ppb
Copper	63-2	188.01	185.77	185.78	186.52	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				163		%
Holmium	165-2				145		%
Indium	115-1				157		%
Indium	115-2				139		%
Iron	56-2	83686.48	82532.74	82798.96	83006.06	0.73	ppb
Iron	57-2	82161.63	81941.53	81076.45	81726.54	0.70	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:30:08	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	83517.44	83733.18	82998.85	83416.49	0.45	ppb
Krypton	83-1						cps
Lead	206-1	105.06	97.99	102.44	101.83	3.51	ppb
Lead	207-1	97.08	90.35	93.55	93.66	3.60	ppb
Lead	208-1	105.45	97.46	100.52	101.14	3.99	ppb
Lithium	6-1				143		%
Magnesium	24-2	19487.99	19439.77	19255.65	19394.47	0.63	ppb
Manganese	55-2	1340.93	1340.96	1320.78	1334.22	0.87	ppb
Molybdenum	94-1	22.49	21.24	22.70	22.15	3.57	ppb
Molybdenum	95-1	1.26	1.15	1.27	1.22	5.31	ppb
Molybdenum	96-1	4.56	4.40	4.61	4.52	2.51	ppb
Molybdenum	97-1	1.27	1.20	1.25	1.24	2.73	ppb
Molybdenum	98-1	1.22	1.11	1.20	1.17	4.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.72	74.41	74.06	74.06	0.47	ppb
Phosphorus	31-2	1480.31	1461.87	1447.00	1463.06	1.14	ppb
Potassium	39-2	7185.09	6995.78	6982.95	7054.61	1.60	ppb
Rhodium	103-1				151		%
Rhodium	103-2				136		%
Scandium	45-1				161		%
Scandium	45-2				146		%
Selenium	82-1	1.96	2.20	2.17	2.11	6.23	ppb
Selenium	77-2	23.72	23.31	24.52	23.85	2.58	ppb
Selenium	78-2	5.36	6.25	5.93	5.85	7.68	ppb
Silicon	28-1	395.23	353.52	490.30	413.02	16.97	ppb
Silver	107-1	0.22	0.20	0.22	0.21	5.77	ppb
Silver	109-1	0.20	0.19	0.20	0.20	3.36	ppb
Sodium	23-2	2184.89	2182.52	2196.43	2187.95	0.34	ppb
Strontium	86-1	378.66	350.70	366.55	365.30	3.84	ppb
Strontium	88-1	374.34	351.64	363.07	363.01	3.13	ppb
Sulfur	34-1	670.90	502.61	802.94	658.82	22.85	ppb
Terbium	159-1				163		%
Terbium	159-2				146		%
Thallium	203-1	0.51	0.46	0.46	0.48	5.12	ppb
Thallium	205-1	0.51	0.46	0.47	0.48	5.10	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:30:08	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	1.08	1.16	0.91	1.05	12.17	ppb
Titanium	47-1	100.55	96.59	103.78	100.31	3.59	ppb
Uranium	238-1	4.62	4.30	4.44	4.45	3.56	ppb
Vanadium	51-2	64.25	63.85	63.54	63.88	0.56	ppb
Yttrium	89-1				181		%
Yttrium	89-2				162		%
Zinc	66-2	406.99	403.34	404.58	404.97	0.46	ppb
Zirconium	90-1	12.07	11.30	12.36	11.91	4.59	ppb
Zirconium	91-1	12.52	11.28	12.08	11.96	5.23	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:33:09	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.54	4.20	4.17	4.30	4.74	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	8.28	ppb
Arsenic	75-2	0.06	0.06	0.05	0.06	10.70	ppb
Barium	135-1	0.05	0.06	0.03	0.05	29.29	ppb
Barium	137-1	0.06	0.04	0.03	0.05	33.67	ppb
Beryllium	9-1	0.06	0.07	0.08	0.07	13.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	10.42	10.05	9.47	9.98	4.77	ppb
Boron	11-1	10.45	10.37	9.72	10.18	3.90	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.11	0.05	0.07	0.08	38.90	ppb
Cadmium	106-1	1.21	0.48	0.88	0.86	42.68	ppb
Cadmium	108-1	0.07	0.02	0.05	0.05	48.32	ppb
Calcium	43-1	10.68	6.59	5.57	7.61	35.46	ppb
Calcium	44-1	12.61	8.50	8.38	9.83	24.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.05	0.05	0.06	34.87	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	24.77	ppb
Copper	63-2	0.13	0.08	0.09	0.10	27.63	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				108		%
Holmium	165-2				100		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	56-2	139.73	130.64	137.83	136.07	3.52	ppb
Iron	57-2	138.76	127.70	135.19	133.88	4.22	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:33:09	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	141.35	132.24	137.25	136.94	3.33	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.06	0.06	12.48	ppb
Lead	207-1	0.06	0.05	0.06	0.05	15.20	ppb
Lead	208-1	0.06	0.05	0.06	0.06	10.26	ppb
Lithium	6-1				94		%
Magnesium	24-2	1.88	1.66	1.76	1.76	6.21	ppb
Manganese	55-2	0.16	0.15	0.16	0.16	3.79	ppb
Molybdenum	94-1	0.13	0.12	0.13	0.13	1.40	ppb
Molybdenum	95-1	0.08	0.06	0.05	0.06	22.68	ppb
Molybdenum	96-1	0.08	0.06	0.07	0.07	16.18	ppb
Molybdenum	97-1	0.07	0.06	0.05	0.06	19.13	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	5.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.00	0.01	72.57	ppb
Phosphorus	31-2	-6.78	-8.35	-1.48	-5.53		ppb
Potassium	39-2	26.67	5.85	4.01	12.18	103.32	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	0.08	0.08	0.15	0.10	36.98	ppb
Selenium	77-2	0.00	0.31	0.15	0.16	100.17	ppb
Selenium	78-2	2.45	0.53	1.26	1.41	68.93	ppb
Silicon	28-1	1.10	-0.37	-0.03	0.23	331.54	ppb
Silver	107-1	0.03	0.02	0.02	0.02	11.43	ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.52	ppb
Sodium	23-2	17.95	11.27	10.28	13.17	31.68	ppb
Strontium	86-1	0.05	0.01	0.03	0.03	74.09	ppb
Strontium	88-1	0.05	0.03	0.02	0.03	36.96	ppb
Sulfur	34-1	-442.72	-373.94	-311.68	-376.12		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.01	0.01	19.49	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	17.41	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:33:09	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.14	0.02	0.04	0.07	94.61	ppb
Titanium	47-1	0.27	0.25	0.24	0.25	6.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	5.68	ppb
Vanadium	51-2	0.22	0.23	0.23	0.23	2.55	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	0.06	0.13	0.01	0.07	87.54	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	6.99	ppb
Zirconium	91-1	0.05	0.06	0.05	0.05	13.51	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01DL2X25	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323DL2	Dilution Factor :	25
Date & Time Acquired :	2023-03-15 17:36:27	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2327.23	2311.03	2310.62	2316.29	0.41	ppb
Antimony	121-1	0.03	0.04	0.05	0.04	17.95	ppb
Arsenic	75-2	0.85	0.92	0.80	0.86	7.20	ppb
Barium	135-1	11.24	10.60	11.21	11.01	3.28	ppb
Barium	137-1	11.09	10.63	11.29	11.00	3.09	ppb
Beryllium	9-1	0.16	0.16	0.18	0.17	7.49	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	7.71	6.75	7.41	7.29	6.77	ppb
Boron	11-1	7.70	7.16	7.12	7.33	4.38	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.02	0.03	0.00	997.99	ppb
Cadmium	106-1	-0.53	-0.54	0.02	-0.35		ppb
Cadmium	108-1	0.05	0.12	0.11	0.09	39.04	ppb
Calcium	43-1	3478.52	3427.10	3572.59	3492.74	2.11	ppb
Calcium	44-1	3255.58	3266.13	3414.05	3311.92	2.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.42	6.25	6.26	6.31	1.47	ppb
Cobalt	59-2	1.56	1.57	1.58	1.57	0.88	ppb
Copper	63-2	8.27	8.27	8.10	8.21	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	56-2	3646.32	3583.29	3561.60	3597.07	1.22	ppb
Iron	57-2	3677.05	3687.40	3680.43	3681.63	0.14	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01DL2X25	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323DL2	Dilution Factor :	25
Date & Time Acquired :	2023-03-15 17:36:27	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3746.04	3741.00	3728.11	3738.38	0.25	ppb
Krypton	83-1						cps
Lead	206-1	4.17	3.95	4.16	4.09	2.93	ppb
Lead	207-1	3.90	3.64	3.72	3.76	3.50	ppb
Lead	208-1	3.98	3.77	3.98	3.91	3.11	ppb
Lithium	6-1				97		%
Magnesium	24-2	818.97	814.55	813.48	815.66	0.36	ppb
Manganese	55-2	56.56	56.57	57.15	56.76	0.59	ppb
Molybdenum	94-1	1.08	1.05	1.07	1.07	1.51	ppb
Molybdenum	95-1	0.09	0.08	0.10	0.09	10.12	ppb
Molybdenum	96-1	0.24	0.25	0.25	0.25	1.64	ppb
Molybdenum	97-1	0.08	0.08	0.08	0.08	2.97	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.35	3.32	3.18	3.28	2.70	ppb
Phosphorus	31-2	51.22	40.29	43.84	45.12	12.36	ppb
Potassium	39-2	308.07	307.42	310.35	308.61	0.50	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	0.21	0.00	0.02	0.07	158.73	ppb
Selenium	77-2	0.75	1.80	1.35	1.30	40.21	ppb
Selenium	78-2	1.06	0.71	0.58	0.78	31.57	ppb
Silicon	28-1	22.72	15.00	12.81	16.84	30.89	ppb
Silver	107-1	0.02	0.01	0.01	0.02	17.22	ppb
Silver	109-1	0.01	0.02	0.02	0.02	3.63	ppb
Sodium	23-2	100.99	100.02	98.72	99.91	1.14	ppb
Strontium	86-1	16.42	15.99	16.47	16.29	1.63	ppb
Strontium	88-1	16.35	16.22	16.48	16.35	0.80	ppb
Sulfur	34-1	-455.06	-543.02	-338.07	-445.38		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.02	0.02	0.02	3.85	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	7.76	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01DL2X25	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323DL2	Dilution Factor :	25
Date & Time Acquired :	2023-03-15 17:36:27	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.05	0.04	0.05	0.05	12.66	ppb
Titanium	47-1	4.05	4.03	4.15	4.08	1.66	ppb
Uranium	238-1	0.17	0.16	0.17	0.17	3.06	ppb
Vanadium	51-2	2.78	2.74	2.66	2.73	2.34	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	16.46	16.35	16.95	16.59	1.91	ppb
Zirconium	90-1	0.57	0.55	0.58	0.57	3.17	ppb
Zirconium	91-1	0.60	0.53	0.58	0.57	5.76	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:53:43	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49008.38	50444.51	49819.59	49757.49	1.45	ppb
Antimony	121-1	499.68	496.47	508.97	501.70	1.29	ppb
Arsenic	75-2	479.97	479.15	484.49	481.20	0.60	ppb
Barium	135-1	2613.37	2581.13	2629.99	2608.16	0.95	ppb
Barium	137-1	2557.68	2604.93	2603.02	2588.55	1.03	ppb
Beryllium	9-1	518.98	514.16	508.22	513.79	1.05	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	503.06	522.12	534.55	519.91	3.05	ppb
Boron	11-1	512.40	520.19	535.50	522.70	2.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	506.56	509.95	517.23	511.24	1.07	ppb
Cadmium	106-1	512.25	521.35	525.85	519.82	1.33	ppb
Cadmium	108-1	512.35	511.06	517.76	513.72	0.69	ppb
Calcium	43-1	249908.12	248408.54	249863.59	249393.41	0.34	ppb
Calcium	44-1	245655.51	244306.97	244692.59	244885.02	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.07	510.33	506.89	506.77	0.72	ppb
Cobalt	59-2	499.13	515.89	512.04	509.02	1.72	ppb
Copper	63-2	4915.65	4958.43	4989.67	4954.59	0.75	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				106		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	125132.86	127386.91	127368.44	126629.40	1.02	ppb
Iron	57-2	125679.02	126767.53	126800.65	126415.73	0.50	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:53:43	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	125358.62	127864.98	129368.03	127530.54	1.59	ppb
Krypton	83-1						cps
Lead	206-1	2563.54	2622.06	2540.56	2575.39	1.63	ppb
Lead	207-1	2586.80	2631.68	2509.04	2575.84	2.41	ppb
Lead	208-1	2553.67	2610.41	2538.19	2567.42	1.48	ppb
Lithium	6-1				93		%
Magnesium	24-2	250189.96	252476.48	252974.29	251880.24	0.59	ppb
Manganese	55-2	4913.12	5072.78	5067.78	5017.89	1.81	ppb
Molybdenum	94-1	5085.45	5102.93	5115.29	5101.22	0.29	ppb
Molybdenum	95-1	5073.45	5087.31	5066.29	5075.68	0.21	ppb
Molybdenum	96-1	5101.61	5105.21	5062.23	5089.68	0.47	ppb
Molybdenum	97-1	5068.07	5079.77	5072.93	5073.59	0.12	ppb
Molybdenum	98-1	5065.42	5113.05	5051.33	5076.60	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.82	487.49	487.64	487.65	0.03	ppb
Phosphorus	31-2	9884.44	9874.21	9932.63	9897.09	0.32	ppb
Potassium	39-2	125135.81	124356.13	125021.13	124837.69	0.34	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	512.88	515.41	514.20	514.16	0.25	ppb
Selenium	77-2	506.50	512.39	505.73	508.20	0.72	ppb
Selenium	78-2	510.49	508.04	510.08	509.54	0.26	ppb
Silicon	28-1	524.81	525.84	524.22	524.96	0.16	ppb
Silver	107-1	523.72	518.22	526.10	522.68	0.77	ppb
Silver	109-1	514.43	513.67	522.84	516.98	0.98	ppb
Sodium	23-2	247344.47	250193.93	249654.53	249064.31	0.61	ppb
Strontium	86-1	12573.06	12593.01	12653.40	12606.49	0.33	ppb
Strontium	88-1	12647.47	12615.01	12728.41	12663.63	0.46	ppb
Sulfur	34-1	9235.71	9090.99	8962.43	9096.37	1.50	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	518.19	522.80	512.88	517.96	0.96	ppb
Thallium	205-1	521.63	524.92	519.00	521.85	0.57	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:53:43	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	514.15	517.11	512.42	514.56	0.46	ppb
Titanium	47-1	5034.38	5035.39	5067.00	5045.59	0.37	ppb
Uranium	238-1	527.30	541.17	515.05	527.84	2.48	ppb
Vanadium	51-2	520.15	518.79	519.87	519.60	0.14	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	4742.55	4779.21	4803.84	4775.20	0.65	ppb
Zirconium	90-1	509.18	514.08	507.79	510.35	0.65	ppb
Zirconium	91-1	510.60	518.89	521.42	516.97	1.09	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:00:59	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.02	0.88	0.89	0.93	8.07	ppb
Antimony	121-1	0.12	0.15	0.16	0.14	16.37	ppb
Arsenic	75-2	0.00	0.04	0.00	0.01	178.09	ppb
Barium	135-1	0.03	0.03	0.04	0.03	28.02	ppb
Barium	137-1	0.04	0.03	0.04	0.04	12.85	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	6.96	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	10.01	10.11	9.25	9.79	4.80	ppb
Boron	11-1	10.13	10.00	9.57	9.90	2.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.05	-0.03	-0.12	-0.06		ppb
Cadmium	106-1	-0.91	-0.61	-1.87	-1.13		ppb
Cadmium	108-1	-0.01	0.10	0.07	0.05	102.13	ppb
Calcium	43-1	3.87	3.38	3.39	3.55	7.91	ppb
Calcium	44-1	5.83	5.21	5.95	5.66	7.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.03	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	66.60	ppb
Copper	63-2	0.15	0.13	0.14	0.14	6.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	56-2	5.31	5.62	5.87	5.60	5.03	ppb
Iron	57-2	4.75	4.49	4.76	4.67	3.23	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:00:59	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6.46	6.09	6.76	6.44	5.20	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.06	0.05	10.58	ppb
Lead	207-1	0.06	0.05	0.07	0.06	15.57	ppb
Lead	208-1	0.06	0.05	0.06	0.06	7.26	ppb
Lithium	6-1				101		%
Magnesium	24-2	4.61	4.98	5.15	4.91	5.62	ppb
Manganese	55-2	0.09	0.10	0.12	0.10	15.55	ppb
Molybdenum	94-1	0.19	0.14	0.14	0.16	17.20	ppb
Molybdenum	95-1	0.19	0.15	0.14	0.16	18.38	ppb
Molybdenum	96-1	0.20	0.14	0.15	0.16	18.91	ppb
Molybdenum	97-1	0.19	0.15	0.13	0.15	20.55	ppb
Molybdenum	98-1	0.17	0.13	0.13	0.15	16.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	127.49	ppb
Phosphorus	31-2	-12.82	-11.92	-15.58	-13.44		ppb
Potassium	39-2	8.70	7.51	8.50	8.24	7.79	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.17	0.28	0.14	0.20	36.84	ppb
Selenium	77-2	0.00	0.31	0.31	0.21	86.60	ppb
Selenium	78-2	0.42	0.99	1.02	0.81	42.13	ppb
Silicon	28-1	1.41	0.80	0.91	1.04	31.36	ppb
Silver	107-1	0.04	0.03	0.04	0.03	1.80	ppb
Silver	109-1	0.04	0.03	0.03	0.03	28.87	ppb
Sodium	23-2	22.67	22.37	23.48	22.84	2.51	ppb
Strontium	86-1	0.19	0.16	0.19	0.18	9.16	ppb
Strontium	88-1	0.20	0.16	0.19	0.18	9.94	ppb
Sulfur	34-1	-418.82	-422.63	-377.62	-406.36		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.02	0.02	0.02	3.36	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.60	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:00:59	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.03	0.01	0.02	0.02	43.75	ppb
Titanium	47-1	0.10	0.08	0.13	0.10	25.51	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.23	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	39.46	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	0.09	0.10	0.13	0.11	21.07	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	12.89	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	32.82	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:04:17	DataFile Name :	053LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.35	18.82	20.36	19.51	4.01	ppb
Antimony	121-1	1.93	1.97	1.99	1.96	1.56	ppb
Arsenic	75-2	1.00	1.06	0.93	1.00	6.21	ppb
Barium	135-1	9.21	9.28	9.06	9.18	1.24	ppb
Barium	137-1	9.34	9.11	9.16	9.20	1.29	ppb
Beryllium	9-1	1.08	1.11	1.09	1.10	1.61	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	22.30	24.02	24.30	23.54	4.59	ppb
Boron	11-1	22.34	23.84	25.49	23.89	6.59	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.02	1.18	1.06	1.09	7.71	ppb
Cadmium	106-1	0.95	1.88	1.07	1.30	38.83	ppb
Cadmium	108-1	1.14	1.19	1.09	1.14	4.18	ppb
Calcium	43-1	483.17	495.94	501.10	493.40	1.87	ppb
Calcium	44-1	491.91	504.88	504.29	500.36	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.88	1.86	1.89	1.91	ppb
Cobalt	59-2	1.00	1.02	0.99	1.00	1.72	ppb
Copper	63-2	2.07	2.10	2.08	2.08	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	56-2	54.89	55.69	54.28	54.95	1.29	ppb
Iron	57-2	57.11	53.20	52.67	54.33	4.47	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:04:17	DataFile Name :	053LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	57.53	57.38	54.10	56.34	3.44	ppb
Krypton	83-1						cps
Lead	206-1	0.81	0.87	0.89	0.85	4.70	ppb
Lead	207-1	0.82	0.84	0.83	0.83	1.24	ppb
Lead	208-1	0.83	0.84	0.85	0.84	0.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	478.51	479.39	465.52	474.47	1.64	ppb
Manganese	55-2	1.08	1.03	1.05	1.05	2.40	ppb
Molybdenum	94-1	5.28	5.55	5.33	5.39	2.65	ppb
Molybdenum	95-1	4.49	4.60	4.57	4.55	1.16	ppb
Molybdenum	96-1	4.50	4.65	4.63	4.59	1.81	ppb
Molybdenum	97-1	4.53	4.62	4.57	4.57	1.04	ppb
Molybdenum	98-1	4.43	4.68	4.58	4.56	2.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.02	0.97	1.01	3.78	ppb
Phosphorus	31-2	5.07	8.55	-1.25	4.12	120.56	ppb
Potassium	39-2	495.90	492.79	483.50	490.73	1.31	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	4.96	4.79	4.81	4.85	1.91	ppb
Selenium	77-2	4.76	2.93	4.52	4.07	24.38	ppb
Selenium	78-2	6.48	5.14	6.65	6.09	13.54	ppb
Silicon	28-1	2.26	2.71	2.61	2.53	9.20	ppb
Silver	107-1	1.03	1.04	1.03	1.03	0.49	ppb
Silver	109-1	0.99	1.01	1.04	1.01	2.26	ppb
Sodium	23-2	491.02	493.32	479.49	487.94	1.52	ppb
Strontium	86-1	0.95	0.98	0.98	0.97	1.67	ppb
Strontium	88-1	0.94	0.97	0.95	0.95	1.93	ppb
Sulfur	34-1	-348.33	-356.42	-326.70	-343.82		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.87	0.84	0.86	0.86	1.80	ppb
Thallium	205-1	0.86	0.85	0.85	0.86	0.56	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:04:17	DataFile Name :	053LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.76	4.90	4.92	4.86	1.85	ppb
Titanium	47-1	4.62	4.78	4.72	4.70	1.76	ppb
Uranium	238-1	0.75	0.74	0.76	0.75	1.09	ppb
Vanadium	51-2	4.76	4.66	4.65	4.69	1.21	ppb
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	2.39	2.44	2.37	2.40	1.53	ppb
Zirconium	90-1	0.88	0.91	0.90	0.90	2.15	ppb
Zirconium	91-1	0.88	0.94	0.93	0.92	3.90	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:07:32	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48774.22	49417.01	49396.11	49195.78	0.74	ppb
Antimony	121-1	484.99	487.42	494.40	488.94	1.00	ppb
Arsenic	75-2	473.54	477.99	482.21	477.91	0.91	ppb
Barium	135-1	2516.67	2554.54	2557.67	2542.96	0.90	ppb
Barium	137-1	2532.03	2566.32	2572.78	2557.04	0.86	ppb
Beryllium	9-1	506.10	521.04	513.28	513.47	1.46	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Boron	10-1	490.23	519.85	526.56	512.21	3.77	ppb
Boron	11-1	501.37	536.91	550.14	529.47	4.76	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	496.07	501.00	508.21	501.76	1.22	ppb
Cadmium	106-1	501.77	516.62	518.99	512.46	1.82	ppb
Cadmium	108-1	506.36	510.28	511.35	509.33	0.52	ppb
Calcium	43-1	250685.21	252482.02	249671.47	250946.23	0.57	ppb
Calcium	44-1	245467.04	247284.62	240696.92	244482.86	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.66	507.36	502.58	506.20	0.63	ppb
Cobalt	59-2	497.60	505.56	511.33	504.83	1.37	ppb
Copper	63-2	4841.16	4949.46	4890.65	4893.76	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	125848.12	127092.92	128241.65	127060.90	0.94	ppb
Iron	57-2	123961.06	125195.86	125791.68	124982.87	0.75	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:07:32	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	125050.45	124959.27	125838.05	125282.59	0.39	ppb
Krypton	83-1						cps
Lead	206-1	2521.74	2575.87	2548.64	2548.75	1.06	ppb
Lead	207-1	2497.95	2577.50	2573.99	2549.81	1.76	ppb
Lead	208-1	2516.04	2576.02	2562.53	2551.53	1.23	ppb
Lithium	6-1				92		%
Magnesium	24-2	245053.91	251196.69	254010.13	250086.91	1.83	ppb
Manganese	55-2	4993.13	5045.37	5012.86	5017.12	0.53	ppb
Molybdenum	94-1	4994.73	5017.70	5034.02	5015.48	0.39	ppb
Molybdenum	95-1	5055.36	4987.82	5061.47	5034.88	0.81	ppb
Molybdenum	96-1	5116.77	5016.44	5088.22	5073.81	1.02	ppb
Molybdenum	97-1	5041.95	5033.68	5041.79	5039.14	0.09	ppb
Molybdenum	98-1	5020.96	5049.11	5113.70	5061.26	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.93	485.37	482.05	482.12	0.67	ppb
Phosphorus	31-2	9608.41	9869.37	9838.40	9772.06	1.46	ppb
Potassium	39-2	121623.07	122526.34	123841.79	122663.73	0.91	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	517.33	512.66	522.54	517.51	0.96	ppb
Selenium	77-2	523.19	521.38	516.49	520.35	0.67	ppb
Selenium	78-2	501.13	523.12	519.71	514.65	2.30	ppb
Silicon	28-1	512.47	522.76	521.62	518.95	1.09	ppb
Silver	107-1	506.48	520.03	514.20	513.57	1.32	ppb
Silver	109-1	504.66	506.32	517.70	509.56	1.39	ppb
Sodium	23-2	242599.56	246077.02	250394.79	246357.12	1.59	ppb
Strontium	86-1	12406.23	12596.90	12582.58	12528.57	0.85	ppb
Strontium	88-1	12517.07	12624.40	12674.41	12605.29	0.64	ppb
Sulfur	34-1	9253.63	9310.43	9151.65	9238.57	0.87	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	509.18	519.19	524.42	517.60	1.50	ppb
Thallium	205-1	509.16	522.23	511.65	514.34	1.35	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:07:32	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	490.46	503.81	510.70	501.66	2.05	ppb
Titanium	47-1	4946.87	5079.40	5048.27	5024.85	1.38	ppb
Uranium	238-1	510.65	523.45	525.08	519.73	1.52	ppb
Vanadium	51-2	504.98	506.40	511.50	507.63	0.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	4669.56	4762.64	4699.06	4710.42	1.01	ppb
Zirconium	90-1	500.37	504.22	507.15	503.91	0.67	ppb
Zirconium	91-1	505.59	504.11	509.31	506.34	0.53	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:17:50	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.48	1.44	1.79	1.57	12.31	ppb
Antimony	121-1	0.10	0.10	0.11	0.10	6.65	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	50.25	ppb
Barium	135-1	0.05	0.03	0.04	0.04	15.83	ppb
Barium	137-1	0.04	0.05	0.04	0.04	6.73	ppb
Beryllium	9-1	0.06	0.05	0.06	0.05	5.10	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	6.60	6.62	6.02	6.42	5.29	ppb
Boron	11-1	6.69	6.55	6.44	6.56	1.94	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.13	-0.13	-0.06	-0.11		ppb
Cadmium	106-1	-2.04	-1.83	-1.02	-1.63		ppb
Cadmium	108-1	-0.04	-0.04	-0.02	-0.03		ppb
Calcium	43-1	3.73	3.57	4.32	3.87	10.13	ppb
Calcium	44-1	7.29	6.24	6.31	6.61	8.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	65.44	ppb
Copper	63-2	0.12	0.12	0.15	0.13	15.04	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				108		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	4.24	4.08	4.32	4.22	2.86	ppb
Iron	57-2	2.22	2.48	3.45	2.72	23.84	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:17:50	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4.66	4.77	4.75	4.73	1.18	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.05	0.06	16.51	ppb
Lead	207-1	0.07	0.06	0.06	0.06	13.58	ppb
Lead	208-1	0.07	0.05	0.05	0.06	13.65	ppb
Lithium	6-1				101		%
Magnesium	24-2	5.64	5.44	5.67	5.58	2.27	ppb
Manganese	55-2	0.10	0.11	0.14	0.12	15.35	ppb
Molybdenum	94-1	0.12	0.11	0.11	0.12	5.72	ppb
Molybdenum	95-1	0.14	0.13	0.15	0.14	7.35	ppb
Molybdenum	96-1	0.13	0.12	0.11	0.12	7.30	ppb
Molybdenum	97-1	0.12	0.12	0.12	0.12	2.79	ppb
Molybdenum	98-1	0.14	0.11	0.13	0.13	10.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	26.12	ppb
Phosphorus	31-2	-14.72	-13.00	-15.82	-14.51		ppb
Potassium	39-2	8.38	8.54	9.69	8.87	8.06	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.20	0.47	0.05	0.24	88.82	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.37	1.51	1.21	1.03	57.40	ppb
Silicon	28-1	0.31	0.62	0.52	0.48	33.19	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.04	ppb
Silver	109-1	0.02	0.02	0.02	0.02	17.79	ppb
Sodium	23-2	19.91	19.54	20.28	19.91	1.85	ppb
Strontium	86-1	0.18	0.18	0.20	0.19	5.83	ppb
Strontium	88-1	0.21	0.18	0.20	0.20	6.44	ppb
Sulfur	34-1	-418.81	-295.75	-309.09	-341.22		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.02	0.02	0.02	7.73	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	1.43	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:17:50	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.02	0.01	0.01	0.01	55.58	ppb
Titanium	47-1	0.09	0.07	0.08	0.08	13.64	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.89	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	5.93	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	0.12	0.20	0.20	0.18	26.03	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	35.73	ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	72.59	ppb

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:16:45	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	227	193	190	203	9.97	cps
Antimony	121-1	33	33	37	34	5.60	cps
Arsenic	75-2	13	3	7	8	65.47	cps
Barium	135-1	13	30	10	18	60.28	cps
Barium	137-1	37	30	37	34	11.18	cps
Beryllium	9-1	37	47	33	39	17.85	cps
Bismuth	209-1	8181176	8366112	8334582	8293956	1.19	cps
Bismuth	209-2	7518168	7475067	7462538	7485258	0.39	cps
Boron	10-1	230	227	237	231	2.20	cps
Boron	11-1	953	1063	963	993	6.12	cps
Bromine	81-1	36398	36582	37494	36825	1.59	cps
Bromine	81-2	70	83	60	71	16.46	cps
Cadmium	111-1	4815	4734	4932	4827	2.06	cps
Cadmium	106-1	6888	6772	7062	6907	2.11	cps
Cadmium	108-1	20	13	17	17	20.01	cps
Calcium	43-1	173	163	160	166	4.19	cps
Calcium	44-1	11432	11425	11893	11583	2.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1560	1433	1510	1501	4.25	cps
Cobalt	59-2	73	53	60	62	16.37	cps
Copper	63-2	943	1013	1027	994	4.50	cps
Dysprosium	156-1	3	7	3	4	43.40	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	107	107	93	102	7.53	cps
Erbium	164-2	63	57	40	53	22.53	cps
Gadolinium	160-1	77	87	60	74	18.10	cps
Gadolinium	160-2	610	543	577	577	5.78	cps
Holmium	165-1	12985201	12909311	13078647	12991053	0.65	cps
Holmium	165-2	9435460	9445831	9543414	9474902	0.63	cps
Indium	115-1	10274845	10624159	10670961	10523322	2.06	cps
Indium	115-2	3839591	3811649	3835125	3828789	0.39	cps
Iron	56-2	14500	14624	14380	14502	0.84	cps
Iron	57-2	603	730	690	674	9.60	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:16:45	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2210	2177	2170	2186	0.98	cps
Krypton	83-1	233	267	217	239	10.66	cps
Lead	206-1	263	237	240	247	5.89	cps
Lead	207-1	160	183	200	181	11.09	cps
Lead	208-1	990	1000	980	990	1.01	cps
Lithium	6-1	5184601	5328929	5300794	5271441	1.45	cps
Magnesium	24-2	323	363	303	330	9.26	cps
Manganese	55-2	90	110	93	98	10.96	cps
Molybdenum	94-1	217	243	230	230	5.80	cps
Molybdenum	95-1	13	17	17	16	12.40	cps
Molybdenum	96-1	127	140	100	122	16.66	cps
Molybdenum	97-1	13	10	10	11	17.30	cps
Molybdenum	98-1	50	30	33	38	28.37	cps
Neodymium	150-1	17	3	7	9	78.08	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	63	50	57	57	11.76	cps
Phosphorus	31-2	500	597	557	551	8.81	cps
Potassium	39-2	65835	65607	67395	66279	1.47	cps
Rhodium	103-1	10211997	10210207	10226471	10216225	0.09	cps
Rhodium	103-2	6129802	6185718	6227176	6180899	0.79	cps
Scandium	45-1	8274552	8381031	8408442	8354675	0.85	cps
Scandium	45-2	674070	668688	668686	670481	0.46	cps
Selenium	82-1	89	40	119	83	48.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	230	300	280	270	13.36	cps
Silicon	28-1	554790	561415	563730	559979	0.83	cps
Silver	107-1	63	103	67	78	28.53	cps
Silver	109-1	20	20	33	24	31.49	cps
Sodium	23-2	21151	21251	20938	21113	0.76	cps
Strontium	86-1	460	433	423	439	4.32	cps
Strontium	88-1	150	187	137	158	16.41	cps
Sulfur	34-1	335004	337109	332881	334998	0.63	cps
Terbium	159-1	13237879	13559510	13406515	13401301	1.20	cps
Terbium	159-2	9385702	9552235	9485971	9474636	0.88	cps
Thallium	203-1	120	100	153	124	21.65	cps
Thallium	205-1	257	347	310	304	14.87	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:16:45	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	790	710	753	751	5.33	cps
Titanium	47-1	103	127	110	113	10.61	cps
Uranium	238-1	7	7	10	8	24.71	cps
Vanadium	51-2	13	10	3	9	57.30	cps
Yttrium	89-1	17100195	17398016	17391593	17296601	0.98	cps
Yttrium	89-2	4257903	4232700	4333120	4274575	1.22	cps
Zinc	66-2	373	363	337	358	5.30	cps
Zirconium	90-1	753	617	663	678	10.25	cps
Zirconium	91-1	133	117	110	120	10.02	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:23:16	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7275	7512	7305	7364	1.75	cps
Antimony	121-1	18041	18001	18058	18034	0.16	cps
Arsenic	75-2	623	660	633	639	2.97	cps
Barium	135-1	25757	25339	26031	25709	1.35	cps
Barium	137-1	44205	44185	44821	44404	0.81	cps
Beryllium	9-1	4081	3881	4097	4019	3.00	cps
Bismuth	209-1	8507717	8490755	8523305	8507259	0.19	cps
Bismuth	209-2	7401059	7511217	7442496	7451591	0.75	cps
Boron	10-1	12131	12976	13466	12858	5.25	cps
Boron	11-1	55302	59370	60970	58547	4.99	cps
Bromine	81-1	37411	36863	36970	37081	0.78	cps
Bromine	81-2	37	67	63	56	29.59	cps
Cadmium	111-1	7791	7497	7891	7726	2.65	cps
Cadmium	106-1	7372	6995	7382	7250	3.04	cps
Cadmium	108-1	223	223	233	227	2.55	cps
Calcium	43-1	21505	21712	21789	21669	0.68	cps
Calcium	44-1	354180	357692	359068	356980	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12442	12335	12265	12347	0.72	cps
Cobalt	59-2	8939	8452	8803	8732	2.88	cps
Copper	63-2	13356	13440	13092	13296	1.36	cps
Dysprosium	156-1	23	10	20	18	39.03	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	97	77	107	93	16.37	cps
Erbium	164-2	53	93	50	66	36.78	cps
Gadolinium	160-1	50	63	90	68	30.05	cps
Gadolinium	160-2	697	650	630	659	5.19	cps
Holmium	165-1	12915240	12827511	13157874	12966875	1.32	cps
Holmium	165-2	9299789	9411403	9424309	9378500	0.73	cps
Indium	115-1	10388039	10498210	10332055	10406101	0.81	cps
Indium	115-2	3742533	3783212	3731854	3752533	0.72	cps
Iron	56-2	273030	273544	270486	272353	0.60	cps
Iron	57-2	7369	7088	7242	7233	1.94	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:23:16	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17460	16609	16826	16965	2.61	cps
Krypton	83-1	240	313	280	278	13.22	cps
Lead	206-1	8403	8556	8359	8439	1.23	cps
Lead	207-1	7592	7345	7279	7405	2.23	cps
Lead	208-1	34057	33997	33630	33895	0.68	cps
Lithium	6-1	5189090	5277749	5351150	5272663	1.54	cps
Magnesium	24-2	320460	323422	321642	321841	0.46	cps
Manganese	55-2	4531	4414	4607	4517	2.16	cps
Molybdenum	94-1	24057	24026	23432	23838	1.48	cps
Molybdenum	95-1	29740	29820	29570	29710	0.43	cps
Molybdenum	96-1	32095	32189	32660	32315	0.94	cps
Molybdenum	97-1	17671	18275	18465	18137	2.29	cps
Molybdenum	98-1	46925	47273	47487	47228	0.60	cps
Neodymium	150-1	10	13	27	17	52.93	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2300	2167	2280	2249	3.20	cps
Phosphorus	31-2	983	980	817	927	10.28	cps
Potassium	39-2	407242	406116	404803	406054	0.30	cps
Rhodium	103-1	10113903	10188136	10001036	10101025	0.93	cps
Rhodium	103-2	6074728	6131030	6073149	6092969	0.54	cps
Scandium	45-1	8214993	8242993	8436106	8298030	1.45	cps
Scandium	45-2	670669	672088	661179	667978	0.89	cps
Selenium	82-1	1156	1131	1119	1135	1.68	cps
Selenium	77-2	93	177	127	132	31.72	cps
Selenium	78-2	637	673	693	668	4.30	cps
Silicon	28-1	665815	676184	687342	676447	1.59	cps
Silver	107-1	14534	14694	14931	14720	1.36	cps
Silver	109-1	13763	14521	14534	14273	3.09	cps
Sodium	23-2	543392	541537	539914	541614	0.32	cps
Strontium	86-1	4314	4234	4524	4357	3.44	cps
Strontium	88-1	34761	34163	34661	34528	0.93	cps
Sulfur	34-1	341638	338484	337589	339237	0.63	cps
Terbium	159-1	13477736	13704112	13754697	13645515	1.08	cps
Terbium	159-2	9385082	9431387	9541701	9452723	0.85	cps
Thallium	203-1	10377	10271	10224	10291	0.76	cps
Thallium	205-1	24432	24916	24345	24564	1.25	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:23:16	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	44311	45324	44488	44708	1.21	cps
Titanium	47-1	9690	9723	9967	9793	1.54	cps
Uranium	238-1	30803	32039	31047	31296	2.09	cps
Vanadium	51-2	23071	23612	23335	23339	1.16	cps
Yttrium	89-1	17361385	17111786	17560840	17344670	1.30	cps
Yttrium	89-2	4218664	4265353	4212274	4232097	0.68	cps
Zinc	66-2	2167	2287	2474	2309	6.69	cps
Zirconium	90-1	20842	21135	20882	20953	0.76	cps
Zirconium	91-1	4454	4571	4547	4524	1.37	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:26:31	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342872	339142	338256	340090	0.72	cps
Antimony	121-1	445236	458512	457731	453826	1.64	cps
Arsenic	75-2	28204	28608	27880	28230	1.29	cps
Barium	135-1	644806	661272	661391	655823	1.45	cps
Barium	137-1	1096525	1123025	1123664	1114405	1.39	cps
Beryllium	9-1	182230	189075	187598	186301	1.93	cps
Bismuth	209-1	8955424	8656293	8341782	8651167	3.55	cps
Bismuth	209-2	7454609	7476253	7458792	7463218	0.15	cps
Boron	10-1	23531	26092	26670	25431	6.57	cps
Boron	11-1	107972	120797	123689	117486	7.12	cps
Bromine	81-1	36529	36161	37050	36580	1.22	cps
Bromine	81-2	67	67	67	67	0.00	cps
Cadmium	111-1	146610	150009	149823	148814	1.28	cps
Cadmium	106-1	22571	23339	23022	22977	1.68	cps
Cadmium	108-1	11248	11685	11878	11604	2.78	cps
Calcium	43-1	241818	246464	244851	244378	0.97	cps
Calcium	44-1	3460020	3490737	3450821	3467193	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	269942	268632	271198	269924	0.48	cps
Cobalt	59-2	416225	417514	417833	417191	0.20	cps
Copper	63-2	2954048	2951573	2894405	2933342	1.15	cps
Dysprosium	156-1	60	57	47	54	12.74	cps
Dysprosium	156-2	77	53	53	61	22.05	cps
Erbium	164-1	113	100	110	108	6.44	cps
Erbium	164-2	73	73	60	69	11.17	cps
Gadolinium	160-1	103	93	113	103	9.68	cps
Gadolinium	160-2	537	587	600	574	5.81	cps
Holmium	165-1	13996150	13208962	13152841	13452651	3.51	cps
Holmium	165-2	9377070	9490457	9430085	9432538	0.60	cps
Indium	115-1	11190144	10672495	10509453	10790697	3.29	cps
Indium	115-2	3639440	3770085	3728585	3712704	1.80	cps
Iron	56-2	12244459	12098189	12073746	12138798	0.76	cps
Iron	57-2	319199	315288	316455	316981	0.63	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:26:31	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	722672	723680	717727	721360	0.44	cps
Krypton	83-1	227	313	243	261	17.61	cps
Lead	206-1	2185289	2239610	2215812	2213571	1.23	cps
Lead	207-1	1937190	2039651	1984172	1987005	2.58	cps
Lead	208-1	8875667	9113477	8971596	8986913	1.33	cps
Lithium	6-1	5497428	5334018	5284445	5371964	2.07	cps
Magnesium	24-2	3225441	3184919	3099241	3169867	2.03	cps
Manganese	55-2	1968195	1992296	1999087	1986526	0.82	cps
Molybdenum	94-1	2008782	2076854	2066866	2050834	1.79	cps
Molybdenum	95-1	2946152	3093842	3060079	3033357	2.55	cps
Molybdenum	96-1	3184552	3258520	3209563	3217545	1.17	cps
Molybdenum	97-1	1805330	1861127	1843770	1836742	1.55	cps
Molybdenum	98-1	4656031	4767175	4747717	4723641	1.26	cps
Neodymium	150-1	107	60	73	80	30.05	cps
Neodymium	150-2	33	23	23	27	21.65	cps
Nickel	60-2	108707	108126	107784	108206	0.43	cps
Phosphorus	31-2	19039	18341	18665	18681	1.87	cps
Potassium	39-2	1664902	1640188	1671853	1658981	1.00	cps
Rhodium	103-1	10865109	10193031	10091884	10383341	4.05	cps
Rhodium	103-2	6081781	5990565	6064622	6045656	0.80	cps
Scandium	45-1	8885689	8410488	8243525	8513234	3.91	cps
Scandium	45-2	653153	656221	651835	653737	0.34	cps
Selenium	82-1	11070	11028	11008	11035	0.29	cps
Selenium	77-2	1110	987	1090	1062	6.23	cps
Selenium	78-2	3844	3761	3914	3839	2.00	cps
Silicon	28-1	1383393	1534418	1616164	1511325	7.81	cps
Silver	107-1	734587	750308	749532	744809	1.19	cps
Silver	109-1	689164	718021	711557	706248	2.14	cps
Sodium	23-2	5025331	4946723	4930618	4967557	1.02	cps
Strontium	86-1	4814878	4994320	4949011	4919403	1.90	cps
Strontium	88-1	41889708	43116749	43203219	42736559	1.72	cps
Sulfur	34-1	416576	412797	411835	413736	0.61	cps
Terbium	159-1	14361550	13733836	13581366	13892251	2.98	cps
Terbium	159-2	9337990	9509893	9364202	9404028	0.98	cps
Thallium	203-1	511462	523220	520656	518446	1.19	cps
Thallium	205-1	1210052	1240460	1238946	1229819	1.39	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:26:31	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	428249	442756	443700	438235	1.98	cps
Titanium	47-1	946276	981574	968671	965507	1.85	cps
Uranium	238-1	1541798	1745112	1787102	1691338	7.76	cps
Vanadium	51-2	229918	228364	227889	228724	0.46	cps
Yttrium	89-1	18429721	17540381	17418133	17796078	3.10	cps
Yttrium	89-2	4232716	4184185	4186957	4201286	0.65	cps
Zinc	66-2	453601	456722	453358	454560	0.41	cps
Zirconium	90-1	1001284	1033206	1031269	1021920	1.75	cps
Zirconium	91-1	218786	225176	225900	223287	1.75	cps

LB Number : LB124508 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired : 2023-03-15 14:29:31 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	823182	814290	814063	817178	0.64	cps
Antimony	121-1	1112578	1125090	1137993	1125221	1.13	cps
Arsenic	75-2	67780	68604	67747	68044	0.71	cps
Barium	135-1	1649687	1643613	1664928	1652743	0.66	cps
Barium	137-1	2818306	2790319	2861697	2823441	1.27	cps
Beryllium	9-1	449724	456542	460675	455647	1.21	cps
Bismuth	209-1	8417871	8443345	8439682	8433633	0.16	cps
Bismuth	209-2	7254231	7399748	7322140	7325373	0.99	cps
Boron	10-1	59086	62887	63891	61954	4.09	cps
Boron	11-1	264902	289050	298454	284135	6.09	cps
Bromine	81-1	35627	36027	35072	35575	1.35	cps
Bromine	81-2	63	53	80	66	20.55	cps
Cadmium	111-1	354962	359532	365386	359960	1.45	cps
Cadmium	106-1	46033	46712	46708	46484	0.84	cps
Cadmium	108-1	27660	27680	28348	27896	1.40	cps
Calcium	43-1	597374	607186	593897	599485	1.15	cps
Calcium	44-1	8416173	8439082	8437488	8430914	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	652400	646072	643240	647237	0.72	cps
Cobalt	59-2	1003654	1006613	1002062	1004110	0.23	cps
Copper	63-2	7023701	7035044	6953082	7003943	0.63	cps
Dysprosium	156-1	100	127	123	117	12.46	cps
Dysprosium	156-2	100	103	157	120	26.50	cps
Erbium	164-1	107	73	117	99	22.95	cps
Erbium	164-2	100	57	73	77	28.51	cps
Gadolinium	160-1	163	160	157	160	2.08	cps
Gadolinium	160-2	670	557	677	634	10.63	cps
Holmium	165-1	13041741	13239616	13104192	13128516	0.77	cps
Holmium	165-2	9254095	9447184	9424842	9375374	1.13	cps
Indium	115-1	10323940	10347345	10274495	10315260	0.36	cps
Indium	115-2	3604222	3639934	3610164	3618107	0.53	cps
Iron	56-2	29438719	29329815	29493371	29420635	0.28	cps
Iron	57-2	773474	769765	765303	769514	0.53	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:29:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1655378	1635473	1649731	1646861	0.62	cps
Krypton	83-1	217	293	270	260	15.12	cps
Lead	206-1	5611099	5614503	5685547	5637050	0.75	cps
Lead	207-1	5053281	5111690	5150287	5105086	0.96	cps
Lead	208-1	22506729	22865878	23008941	22793849	1.14	cps
Lithium	6-1	5192358	5237518	5213121	5214332	0.43	cps
Magnesium	24-2	7691620	7572251	7631031	7631634	0.78	cps
Manganese	55-2	4834844	4763588	4893378	4830604	1.35	cps
Molybdenum	94-1	5000139	5089040	5070169	5053116	0.93	cps
Molybdenum	95-1	7425981	7514717	7350144	7430281	1.11	cps
Molybdenum	96-1	7956652	7993957	7953189	7967933	0.28	cps
Molybdenum	97-1	4488108	4560895	4545993	4531665	0.85	cps
Molybdenum	98-1	11583784	11731164	11755191	11690046	0.79	cps
Neodymium	150-1	183	210	223	206	9.91	cps
Neodymium	150-2	60	33	57	50	29.06	cps
Nickel	60-2	262418	260349	259696	260821	0.54	cps
Phosphorus	31-2	44374	45069	44070	44504	1.15	cps
Potassium	39-2	3881494	3868537	3885665	3878565	0.23	cps
Rhodium	103-1	9897520	9895450	9900433	9897801	0.03	cps
Rhodium	103-2	5814237	5791412	5871364	5825671	0.71	cps
Scandium	45-1	8237681	8075203	7953141	8088675	1.76	cps
Scandium	45-2	623066	626949	629930	626649	0.55	cps
Selenium	82-1	27507	27177	27346	27343	0.60	cps
Selenium	77-2	2440	2434	2534	2469	2.26	cps
Selenium	78-2	8483	8796	8769	8683	2.00	cps
Silicon	28-1	2472393	2742192	2987435	2734007	9.42	cps
Silver	107-1	1842718	1816625	1814927	1824757	0.85	cps
Silver	109-1	1703647	1768352	1742432	1738143	1.87	cps
Sodium	23-2	12034237	12135397	11997070	12055568	0.59	cps
Strontium	86-1	11880709	12358495	12205574	12148259	2.01	cps
Strontium	88-1	105386122	106439122	108439042	106754762	1.45	cps
Sulfur	34-1	518947	509273	508499	512240	1.14	cps
Terbium	159-1	13562721	13566194	13729574	13619496	0.70	cps
Terbium	159-2	9363752	9421867	9420139	9401919	0.35	cps
Thallium	203-1	1303708	1324754	1317341	1315268	0.81	cps
Thallium	205-1	3232372	3234341	3287881	3251531	0.97	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:29:31	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1088927	1094744	1103314	1095662	0.66	cps
Titanium	47-1	2312317	2330934	2340242	2327831	0.61	cps
Uranium	238-1	4540784	4554785	4529744	4541771	0.28	cps
Vanadium	51-2	553090	550691	549075	550952	0.37	cps
Yttrium	89-1	17037269	17231654	17210380	17159768	0.62	cps
Yttrium	89-2	4149560	4061904	4059442	4090302	1.26	cps
Zinc	66-2	1098972	1097894	1086619	1094495	0.63	cps
Zirconium	90-1	2461547	2528981	2531793	2507440	1.59	cps
Zirconium	91-1	548792	554046	558923	553920	0.91	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:32:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1609455	1580368	1626256	1605360	1.45	cps
Antimony	121-1	2254561	2261127	2282137	2265942	0.64	cps
Arsenic	75-2	135579	137483	137372	136811	0.78	cps
Barium	135-1	3309517	3364884	3407133	3360511	1.46	cps
Barium	137-1	5622794	5648792	5606912	5626166	0.38	cps
Beryllium	9-1	884032	894410	897727	892056	0.80	cps
Bismuth	209-1	8511879	8492191	8506905	8503658	0.12	cps
Bismuth	209-2	7319143	7129692	7311027	7253287	1.48	cps
Boron	10-1	118445	125875	129189	124503	4.42	cps
Boron	11-1	529827	570185	589746	563253	5.42	cps
Bromine	81-1	34544	35236	35122	34967	1.06	cps
Bromine	81-2	57	53	77	62	20.29	cps
Cadmium	111-1	697335	712582	715604	708507	1.38	cps
Cadmium	106-1	83495	85279	85879	84884	1.46	cps
Cadmium	108-1	55128	56034	55830	55664	0.85	cps
Calcium	43-1	1155867	1178738	1187153	1173919	1.38	cps
Calcium	44-1	16469561	16534170	17023133	16675621	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1272660	1279424	1289011	1280365	0.64	cps
Cobalt	59-2	1939907	1985499	1966295	1963900	1.17	cps
Copper	63-2	13825839	13711399	13924285	13820508	0.77	cps
Dysprosium	156-1	230	220	203	218	6.18	cps
Dysprosium	156-2	253	230	217	233	7.95	cps
Erbium	164-1	110	143	147	133	15.21	cps
Erbium	164-2	73	73	83	77	7.53	cps
Gadolinium	160-1	163	183	213	187	13.48	cps
Gadolinium	160-2	603	650	623	626	3.74	cps
Holmium	165-1	13098073	13393549	13347951	13279858	1.20	cps
Holmium	165-2	9529823	9385420	9470155	9461799	0.77	cps
Indium	115-1	10238792	10406187	10236784	10293921	0.94	cps
Indium	115-2	3593674	3670067	3664020	3642587	1.17	cps
Iron	56-2	57785951	58366464	58238301	58130239	0.52	cps
Iron	57-2	1426107	1456779	1429541	1437475	1.17	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:32:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3257408	3239106	3257118	3251211	0.32	cps
Krypton	83-1	207	263	220	230	12.88	cps
Lead	206-1	11344942	11471508	11563628	11460026	0.96	cps
Lead	207-1	10024519	10329391	10385786	10246565	1.90	cps
Lead	208-1	45237024	46253290	46395350	45961888	1.37	cps
Lithium	6-1	5049830	5149395	5053633	5084286	1.11	cps
Magnesium	24-2	15096616	14968359	14966329	15010435	0.50	cps
Manganese	55-2	9457530	9515244	9633720	9535498	0.94	cps
Molybdenum	94-1	10008457	10261364	10141007	10136943	1.25	cps
Molybdenum	95-1	14758686	15043397	15063115	14955066	1.14	cps
Molybdenum	96-1	15742932	15936971	16264079	15981327	1.65	cps
Molybdenum	97-1	8934578	9226679	9234868	9132041	1.87	cps
Molybdenum	98-1	23363741	23747836	23484186	23531921	0.83	cps
Neodymium	150-1	363	380	390	378	3.57	cps
Neodymium	150-2	83	100	80	88	12.21	cps
Nickel	60-2	508019	512316	513203	511179	0.54	cps
Phosphorus	31-2	86586	87646	87106	87113	0.61	cps
Potassium	39-2	7649883	7589161	7680549	7639864	0.61	cps
Rhodium	103-1	9674436	9828516	9813971	9772307	0.87	cps
Rhodium	103-2	5756058	5816290	5834976	5802441	0.71	cps
Scandium	45-1	7860004	7947816	8105291	7971037	1.56	cps
Scandium	45-2	624877	628729	631750	628452	0.55	cps
Selenium	82-1	52630	53898	54140	53556	1.51	cps
Selenium	77-2	5014	4851	5094	4986	2.49	cps
Selenium	78-2	16536	16920	17410	16955	2.58	cps
Silicon	28-1	4157677	4766936	5102970	4675861	10.25	cps
Silver	107-1	3481606	3654396	3577269	3571090	2.42	cps
Silver	109-1	3352309	3428761	3428798	3403289	1.30	cps
Sodium	23-2	23837120	23777057	24137560	23917246	0.81	cps
Strontium	86-1	23663603	24008497	24441494	24037865	1.62	cps
Strontium	88-1	210787557	210968524	214726383	212160821	1.05	cps
Sulfur	34-1	662209	658246	648125	656194	1.11	cps
Terbium	159-1	13751111	13789472	13825017	13788533	0.27	cps
Terbium	159-2	9454388	9605769	9458782	9506313	0.91	cps
Thallium	203-1	2750135	2844526	2832871	2809177	1.83	cps
Thallium	205-1	6525806	6570336	6675823	6590655	1.17	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:32:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2147515	2237422	2251645	2212194	2.55	cps
Titanium	47-1	4503200	4644752	4632709	4593554	1.71	cps
Uranium	238-1	8968000	9255456	9298959	9174138	1.96	cps
Vanadium	51-2	1099704	1095357	1111536	1102199	0.76	cps
Yttrium	89-1	17364189	17251917	17278457	17298188	0.34	cps
Yttrium	89-2	4053786	4166938	4152837	4124520	1.50	cps
Zinc	66-2	2142394	2115163	2156827	2138128	0.99	cps
Zirconium	90-1	4907746	4986156	5032907	4975603	1.27	cps
Zirconium	91-1	1082391	1116894	1120273	1106519	1.89	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:35:08	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3202096	3227684	3224756	3218178	0.44	cps
Antimony	121-1	4468421	4531558	4565039	4521673	1.09	cps
Arsenic	75-2	275250	275510	273278	274680	0.44	cps
Barium	135-1	6568402	6751325	6677091	6665606	1.38	cps
Barium	137-1	11140160	11363471	11178723	11227452	1.06	cps
Beryllium	9-1	1666514	1726773	1709741	1701010	1.83	cps
Bismuth	209-1	8324841	8310273	8348963	8328026	0.23	cps
Bismuth	209-2	7133583	7298414	7312026	7248008	1.37	cps
Boron	10-1	304508	325917	334619	321682	4.82	cps
Boron	11-1	1383736	1475039	1500255	1453010	4.22	cps
Bromine	81-1	35767	36281	36148	36065	0.74	cps
Bromine	81-2	90	73	87	83	10.59	cps
Cadmium	111-1	1362695	1376302	1390288	1376428	1.00	cps
Cadmium	106-1	157191	162014	160747	159984	1.56	cps
Cadmium	108-1	106031	108156	109819	108002	1.76	cps
Calcium	43-1	2288066	2324308	2330116	2314164	0.98	cps
Calcium	44-1	33176500	33295527	33779254	33417093	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2537656	2587469	2567232	2564119	0.98	cps
Cobalt	59-2	3989132	3914882	3949950	3951321	0.94	cps
Copper	63-2	27558199	27737353	27724230	27673260	0.36	cps
Dysprosium	156-1	363	420	397	393	7.24	cps
Dysprosium	156-2	473	467	457	466	1.80	cps
Erbium	164-1	157	137	193	162	17.72	cps
Erbium	164-2	117	103	83	101	16.60	cps
Gadolinium	160-1	343	360	360	354	2.72	cps
Gadolinium	160-2	807	767	733	769	4.78	cps
Holmium	165-1	13446830	13319966	13630140	13465645	1.16	cps
Holmium	165-2	9622564	9656172	9707871	9662202	0.44	cps
Indium	115-1	10417186	10205263	10298441	10306964	1.03	cps
Indium	115-2	3574069	3701074	3664326	3646490	1.79	cps
Iron	56-2	117469175	118052988	117389552	117637238	0.31	cps
Iron	57-2	2930910	2912509	2941337	2928252	0.50	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:35:08	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6572153	6528431	6597863	6566149	0.53	cps
Krypton	83-1	263	247	310	273	12.01	cps
Lead	206-1	22657818	22591141	22618567	22622509	0.15	cps
Lead	207-1	20159079	20138888	20295837	20197935	0.42	cps
Lead	208-1	91344068	90691610	91490497	91175391	0.47	cps
Lithium	6-1	5056236	5059536	5117188	5077654	0.68	cps
Magnesium	24-2	30307108	30029746	30222625	30186493	0.47	cps
Manganese	55-2	19280612	19585446	19420261	19428773	0.79	cps
Molybdenum	94-1	20154802	20492203	20495875	20380960	0.96	cps
Molybdenum	95-1	29483181	30188151	29705385	29792239	1.21	cps
Molybdenum	96-1	31696825	32444128	31908963	32016638	1.20	cps
Molybdenum	97-1	17961834	18437634	18397819	18265763	1.45	cps
Molybdenum	98-1	46461056	47639754	47793193	47298001	1.54	cps
Neodymium	150-1	640	790	733	721	10.50	cps
Neodymium	150-2	140	163	123	142	14.13	cps
Nickel	60-2	1011987	1011904	1023027	1015639	0.63	cps
Phosphorus	31-2	175767	176849	174340	175652	0.72	cps
Potassium	39-2	15568303	15373056	15388604	15443321	0.70	cps
Rhodium	103-1	9752230	9707052	9686068	9715117	0.35	cps
Rhodium	103-2	5775498	5894523	5845555	5838526	1.02	cps
Scandium	45-1	8059283	8061694	8050524	8057167	0.07	cps
Scandium	45-2	636660	651777	643055	643831	1.18	cps
Selenium	82-1	104655	107222	105990	105956	1.21	cps
Selenium	77-2	10224	10090	9987	10100	1.18	cps
Selenium	78-2	33414	33291	33822	33509	0.83	cps
Silicon	28-1	27292685	28725820	28513933	28177479	2.75	cps
Silver	107-1	6910020	7086458	7013255	7003244	1.27	cps
Silver	109-1	6546632	6698427	6791307	6678789	1.85	cps
Sodium	23-2	48356923	48650853	48389696	48465824	0.33	cps
Strontium	86-1	48255888	49284781	49371979	48970883	1.27	cps
Strontium	88-1	423386087	429641580	431567394	428198354	1.00	cps
Sulfur	34-1	1013220	1025080	1020150	1019484	0.58	cps
Terbium	159-1	13834292	13878550	13961206	13891350	0.46	cps
Terbium	159-2	9660297	9651002	9685777	9665692	0.19	cps
Thallium	203-1	5463705	5501791	5519032	5494842	0.52	cps
Thallium	205-1	13047211	12942667	12977683	12989187	0.41	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:35:08	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4329610	4402924	4442914	4391816	1.31	cps
Titanium	47-1	9114898	9222787	9146251	9161312	0.61	cps
Uranium	238-1	17859213	18377135	18428532	18221627	1.73	cps
Vanadium	51-2	2207016	2207675	2194474	2203055	0.34	cps
Yttrium	89-1	17377981	17582701	17563758	17508147	0.65	cps
Yttrium	89-2	4167150	4280644	4233809	4227201	1.35	cps
Zinc	66-2	4168770	4186937	4145097	4166935	0.50	cps
Zirconium	90-1	10031197	10199990	10286500	10172562	1.28	cps
Zirconium	91-1	2197243	2243929	2211273	2217482	1.08	cps

LB Number : LB124508 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2023-03-15 14:37:53 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6378753	6425803	6383751	6396102	0.40	cps
Antimony	121-1	8843285	9066959	8957809	8956018	1.25	cps
Arsenic	75-2	540295	538060	539881	539412	0.22	cps
Barium	135-1	13135643	13455649	13516616	13369303	1.53	cps
Barium	137-1	22243599	22736468	22999983	22660016	1.69	cps
Beryllium	9-1	3163670	3267049	3240118	3223612	1.66	cps
Bismuth	209-1	8039946	8165651	8112226	8105941	0.78	cps
Bismuth	209-2	7096725	7053124	7108380	7086077	0.41	cps
Boron	10-1	607990	644485	668126	640200	4.73	cps
Boron	11-1	2746397	2874824	3035346	2885523	5.02	cps
Bromine	81-1	38841	37845	38791	38493	1.46	cps
Bromine	81-2	87	100	113	100	13.33	cps
Cadmium	111-1	2662592	2690098	2706882	2686524	0.83	cps
Cadmium	106-1	299655	306858	306520	304345	1.34	cps
Cadmium	108-1	209162	210665	213848	211225	1.13	cps
Calcium	43-1	4506255	4616400	4612280	4578311	1.36	cps
Calcium	44-1	65773772	67914499	67605427	67097900	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5062765	5036897	5066458	5055373	0.32	cps
Cobalt	59-2	7712154	7806052	7732790	7750332	0.64	cps
Copper	63-2	54375234	54077224	53922976	54125145	0.42	cps
Dysprosium	156-1	753	800	690	748	7.38	cps
Dysprosium	156-2	817	947	910	891	7.52	cps
Erbium	164-1	167	217	147	177	20.41	cps
Erbium	164-2	110	103	110	108	3.57	cps
Gadolinium	160-1	663	730	663	686	5.61	cps
Gadolinium	160-2	887	897	1053	946	9.89	cps
Holmium	165-1	13693696	13578060	13370235	13547330	1.21	cps
Holmium	165-2	9745043	9649385	9667324	9687251	0.52	cps
Indium	115-1	10285956	10137246	10109406	10177536	0.93	cps
Indium	115-2	3598311	3550941	3594663	3581305	0.74	cps
Iron	56-2	231995263	231181150	230045583	231073999	0.42	cps
Iron	57-2	5773788	5759082	5713035	5748635	0.55	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:37:53	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13091912	12987840	13101572	13060441	0.48	cps
Krypton	83-1	320	243	300	288	13.82	cps
Lead	206-1	44427808	44852443	44327628	44535959	0.63	cps
Lead	207-1	39499352	39776713	39724534	39666866	0.37	cps
Lead	208-1	177374058	179233541	179320021	178642540	0.62	cps
Lithium	6-1	4992499	5022080	4982128	4998902	0.41	cps
Magnesium	24-2	59970544	59758047	59496944	59741845	0.40	cps
Manganese	55-2	38213484	38421157	38479922	38371521	0.36	cps
Molybdenum	94-1	40653046	41344200	41173419	41056888	0.88	cps
Molybdenum	95-1	59979017	60518919	60648854	60382264	0.59	cps
Molybdenum	96-1	63623762	64160581	65329969	64371437	1.36	cps
Molybdenum	97-1	36159854	37095273	37315701	36856943	1.67	cps
Molybdenum	98-1	93464072	95859322	95565429	94962941	1.38	cps
Neodymium	150-1	1500	1467	1423	1463	2.63	cps
Neodymium	150-2	327	280	340	316	9.98	cps
Nickel	60-2	2001575	2010991	1988924	2000496	0.55	cps
Phosphorus	31-2	346826	346359	345864	346350	0.14	cps
Potassium	39-2	31010610	31124675	30806333	30980539	0.52	cps
Rhodium	103-1	9537708	9481125	9554779	9524537	0.40	cps
Rhodium	103-2	5762181	5684317	5800254	5748917	1.03	cps
Scandium	45-1	8055345	8212064	8105767	8124392	0.98	cps
Scandium	45-2	650940	650416	650231	650529	0.06	cps
Selenium	82-1	202624	207044	207948	205872	1.38	cps
Selenium	77-2	19600	19483	19132	19405	1.25	cps
Selenium	78-2	64654	65029	64429	64704	0.47	cps
Silicon	28-1	52812839	53978603	54285569	53692337	1.45	cps
Silver	107-1	13493917	13435915	13687545	13539126	0.97	cps
Silver	109-1	12770197	13049670	12953519	12924462	1.10	cps
Sodium	23-2	97047695	96271285	95234059	96184346	0.95	cps
Strontium	86-1	96755432	99401422	97825109	97993987	1.36	cps
Strontium	88-1	839182601	849923721	870857587	853321303	1.89	cps
Sulfur	34-1	1784308	1858689	1850322	1831106	2.23	cps
Terbium	159-1	13880691	13870814	14043206	13931570	0.69	cps
Terbium	159-2	9491999	9607064	9794872	9631312	1.59	cps
Thallium	203-1	10782691	10894781	10886431	10854634	0.58	cps
Thallium	205-1	25707195	25871063	25732740	25770333	0.34	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:37:53	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	8622244	8669464	8740459	8677389	0.69	cps
Titanium	47-1	18257423	18766691	18738781	18587632	1.54	cps
Uranium	238-1	35505741	36815802	36638174	36319906	1.96	cps
Vanadium	51-2	4446149	4405651	4409812	4420538	0.50	cps
Yttrium	89-1	17458512	17446058	17645072	17516548	0.64	cps
Yttrium	89-2	4247714	4242612	4252866	4247731	0.12	cps
Zinc	66-2	8060848	7933108	7977082	7990346	0.81	cps
Zirconium	90-1	20120136	20615718	20751020	20495625	1.62	cps
Zirconium	91-1	4380280	4494898	4520017	4465065	1.67	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:40:40	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30893387	30930224	31440377	31087996	0.98	cps
Antimony	121-1	5945	5228	5234	5469	7.53	cps
Arsenic	75-2	120	117	127	121	4.20	cps
Barium	135-1	9320	7892	6645	7952	16.83	cps
Barium	137-1	15939	13493	11348	13593	16.90	cps
Beryllium	9-1	1487	1027	810	1108	31.19	cps
Bismuth	209-1	6593824	6541336	6423790	6519650	1.34	cps
Bismuth	209-2	5857725	5919037	5851689	5876150	0.63	cps
Boron	10-1	32307	27211	24393	27970	14.34	cps
Boron	11-1	142514	125409	109957	125960	12.93	cps
Bromine	81-1	40288	41869	41899	41352	2.23	cps
Bromine	81-2	117	127	110	118	7.12	cps
Cadmium	111-1	5917	5810	5437	5721	4.40	cps
Cadmium	106-1	6738	6848	6588	6725	1.94	cps
Cadmium	108-1	123	163	97	128	26.26	cps
Calcium	43-1	17992939	17984767	17960263	17979323	0.09	cps
Calcium	44-1	287233842	289305756	286611109	287716902	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36421	35635	35552	35869	1.34	cps
Cobalt	59-2	7842	7539	7855	7745	2.31	cps
Copper	63-2	8466	7956	7962	8128	3.60	cps
Dysprosium	156-1	2247	2127	2147	2174	2.96	cps
Dysprosium	156-2	1650	1477	1600	1576	5.66	cps
Erbium	164-1	163	230	213	202	17.15	cps
Erbium	164-2	120	113	123	119	4.28	cps
Gadolinium	160-1	2187	2254	2300	2247	2.54	cps
Gadolinium	160-2	2197	2254	2294	2248	2.16	cps
Holmium	165-1	12447757	11979456	11953588	12126934	2.29	cps
Holmium	165-2	8724983	8894052	8789720	8802918	0.97	cps
Indium	115-1	9291271	9301486	9077324	9223360	1.37	cps
Indium	115-2	3306332	3369847	3342266	3339482	0.95	cps
Iron	56-2	1052118278	1056726384	1044396038	1051080233	0.59	cps
Iron	57-2	26293148	26268428	26016169	26192582	0.59	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:40:40	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	57919276	57916574	58194696	58010182	0.28	cps
Krypton	83-1	340	333	290	321	8.45	cps
Lead	206-1	16363	11028	8903	12098	31.77	cps
Lead	207-1	13630	9587	7499	10239	30.45	cps
Lead	208-1	63859	44483	34290	47544	31.59	cps
Lithium	6-1	4309085	4394358	4440332	4381258	1.52	cps
Magnesium	24-2	281705022	285121376	285061062	283962487	0.69	cps
Manganese	55-2	19756	19316	18375	19149	3.69	cps
Molybdenum	94-1	19430	14998	11558	15328	25.74	cps
Molybdenum	95-1	30151	23396	20221	24589	20.63	cps
Molybdenum	96-1	50544	41038	36983	42855	16.24	cps
Molybdenum	97-1	16509	11738	9420	12556	28.79	cps
Molybdenum	98-1	39210	27226	19974	28803	33.73	cps
Neodymium	150-1	117	70	90	92	25.39	cps
Neodymium	150-2	60	33	50	48	28.20	cps
Nickel	60-2	4424	4144	4347	4305	3.36	cps
Phosphorus	31-2	767	700	643	703	8.78	cps
Potassium	39-2	148872961	149103718	148221224	148732634	0.31	cps
Rhodium	103-1	8334910	8256659	8071700	8221090	1.64	cps
Rhodium	103-2	4918811	4860860	4896932	4892201	0.60	cps
Scandium	45-1	7710979	7521706	7631324	7621336	1.25	cps
Scandium	45-2	619799	619030	614653	617827	0.45	cps
Selenium	82-1	514	436	433	461	9.98	cps
Selenium	77-2	10	17	20	16	32.73	cps
Selenium	78-2	380	390	400	390	2.56	cps
Silicon	28-1	1502503	1421819	1337491	1420604	5.81	cps
Silver	107-1	8526	6918	6108	7184	17.13	cps
Silver	109-1	7959	6328	5494	6594	19.01	cps
Sodium	23-2	458413393	461323460	461247860	460328238	0.36	cps
Strontium	86-1	49644	37785	30415	39281	24.70	cps
Strontium	88-1	429215	322491	262414	338040	24.99	cps
Sulfur	34-1	290872	293097	294673	292881	0.65	cps
Terbium	159-1	12726468	12403523	12429079	12519690	1.43	cps
Terbium	159-2	8834653	8813417	8856435	8834835	0.24	cps
Thallium	203-1	3220	2210	1257	2229	44.05	cps
Thallium	205-1	7612	4914	3270	5266	41.63	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 14:40:40	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	6338	5258	4551	5382	16.72	cps
Titanium	47-1	7148	4854	3597	5200	34.63	cps
Uranium	238-1	9340	5418	3604	6121	47.90	cps
Vanadium	51-2	877	827	780	828	5.84	cps
Yttrium	89-1	16069256	16316900	16046319	16144159	0.93	cps
Yttrium	89-2	3995555	4000397	4049107	4015019	0.74	cps
Zinc	66-2	4644	4387	4501	4511	2.85	cps
Zirconium	90-1	9793	7459	5825	7692	25.93	cps
Zirconium	91-1	1963	1550	1193	1569	24.56	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P7
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:05:48	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	184356	184734	182099	183730	0.78	cps
Antimony	121-1	1811093	1844458	1815668	1823739	0.99	cps
Arsenic	75-2	118566	118021	117228	117938	0.57	cps
Barium	135-1	264181	269430	270628	268080	1.28	cps
Barium	137-1	453165	455622	462670	457152	1.08	cps
Beryllium	9-1	372954	381445	374447	376282	1.20	cps
Bismuth	209-1	8689031	8648218	8506489	8614579	1.11	cps
Bismuth	209-2	7592301	7836967	7657005	7695424	1.65	cps
Boron	10-1	2600	2397	2487	2495	4.09	cps
Boron	11-1	11598	10944	11248	11263	2.90	cps
Bromine	81-1	38801	40071	39610	39494	1.63	cps
Bromine	81-2	63	70	73	69	7.39	cps
Cadmium	111-1	292899	299840	298256	296998	1.22	cps
Cadmium	106-1	33860	34050	33612	33841	0.65	cps
Cadmium	108-1	19410	19804	19617	19610	1.00	cps
Calcium	43-1	84383	87504	85033	85640	1.92	cps
Calcium	44-1	1285504	1319740	1303159	1302801	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	557489	558830	557501	557940	0.14	cps
Cobalt	59-2	878362	872317	868726	873135	0.56	cps
Copper	63-2	602381	604301	599934	602205	0.36	cps
Dysprosium	156-1	17	13	20	17	20.01	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	97	137	90	108	23.42	cps
Erbium	164-2	100	97	73	90	16.15	cps
Gadolinium	160-1	100	67	77	81	21.09	cps
Gadolinium	160-2	543	627	537	569	8.81	cps
Holmium	165-1	13504820	13253093	13479409	13412441	1.03	cps
Holmium	165-2	9714772	9886262	9827358	9809464	0.89	cps
Indium	115-1	11072285	11053555	10907913	11011251	0.82	cps
Indium	115-2	4015508	4010655	3929340	3985168	1.21	cps
Iron	56-2	9844090	9894953	9670632	9803225	1.20	cps
Iron	57-2	257172	252453	253387	254337	0.98	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P7
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:05:48	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	597908	592697	589724	593443	0.70	cps
Krypton	83-1	230	233	210	224	5.62	cps
Lead	206-1	1863365	1905407	1922438	1897070	1.60	cps
Lead	207-1	1476209	1487516	1492961	1485562	0.58	cps
Lead	208-1	7212729	7310801	7313558	7279030	0.79	cps
Lithium	6-1	5551609	5420791	5344861	5439087	1.92	cps
Magnesium	24-2	729463	730491	727873	729276	0.18	cps
Manganese	55-2	423545	426169	425589	425101	0.32	cps
Molybdenum	94-1	543	387	437	456	17.57	cps
Molybdenum	95-1	303	290	243	279	11.30	cps
Molybdenum	96-1	707	667	607	660	7.63	cps
Molybdenum	97-1	187	163	150	167	11.14	cps
Molybdenum	98-1	510	463	397	457	12.47	cps
Neodymium	150-1	50	50	43	48	8.06	cps
Neodymium	150-2	0	13	3	6	124.93	cps
Nickel	60-2	236151	233973	234068	234731	0.52	cps
Phosphorus	31-2	610	577	627	604	4.21	cps
Potassium	39-2	1354399	1333404	1349970	1345924	0.82	cps
Rhodium	103-1	10784578	10505858	10447311	10579249	1.70	cps
Rhodium	103-2	6414715	6266320	6233265	6304767	1.53	cps
Scandium	45-1	8842862	8630634	8511249	8661582	1.94	cps
Scandium	45-2	685640	687491	677115	683415	0.81	cps
Selenium	82-1	45417	46570	46203	46063	1.28	cps
Selenium	77-2	4587	4384	4214	4395	4.25	cps
Selenium	78-2	15078	14831	14744	14884	1.16	cps
Silicon	28-1	654366	676703	689883	673651	2.67	cps
Silver	107-1	719899	736279	740837	732339	1.50	cps
Silver	109-1	688663	702197	699762	696874	1.04	cps
Sodium	23-2	2009754	2055566	2039241	2034853	1.14	cps
Strontium	86-1	1400	1393	1483	1426	3.52	cps
Strontium	88-1	9313	9443	9183	9313	1.40	cps
Sulfur	34-1	323514	323746	325309	324190	0.30	cps
Terbium	159-1	14291587	13909664	13978913	14060055	1.45	cps
Terbium	159-2	9842453	9774236	9696856	9771181	0.75	cps
Thallium	203-1	2280831	2329268	2378261	2329453	2.09	cps
Thallium	205-1	5489749	5562211	5583942	5545301	0.89	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P7
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:05:48	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1540	1490	1387	1472	5.31	cps
Titanium	47-1	257	257	267	260	2.22	cps
Uranium	238-1	50	33	40	41	20.41	cps
Vanadium	51-2	466910	467276	463449	465878	0.45	cps
Yttrium	89-1	18101741	17904340	17845896	17950659	0.75	cps
Yttrium	89-2	4411729	4401377	4326991	4380032	1.06	cps
Zinc	66-2	182666	181235	182555	182152	0.44	cps
Zirconium	90-1	950	1020	867	946	8.12	cps
Zirconium	91-1	410	477	443	443	7.52	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:24:53	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7018	7072	7108	7066	0.64	cps
Antimony	121-1	17564	17661	17688	17638	0.37	cps
Arsenic	75-2	543	580	537	553	4.22	cps
Barium	135-1	24962	24955	25473	25130	1.18	cps
Barium	137-1	43256	42293	43323	42957	1.34	cps
Beryllium	9-1	3947	3927	3837	3904	1.50	cps
Bismuth	209-1	8528841	8616917	8525885	8557214	0.60	cps
Bismuth	209-2	7614882	7645871	7562956	7607903	0.55	cps
Boron	10-1	12285	13042	13383	12903	4.35	cps
Boron	11-1	56713	60437	62760	59970	5.09	cps
Bromine	81-1	38580	37949	37895	38142	1.00	cps
Bromine	81-2	70	67	73	70	4.76	cps
Cadmium	111-1	7832	7815	7829	7825	0.12	cps
Cadmium	106-1	7409	7279	7295	7327	0.97	cps
Cadmium	108-1	253	210	217	227	10.30	cps
Calcium	43-1	20838	21252	21198	21096	1.07	cps
Calcium	44-1	344170	343241	344099	343837	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12102	11595	12228	11975	2.80	cps
Cobalt	59-2	8599	8656	8359	8538	1.85	cps
Copper	63-2	13393	13253	13163	13269	0.87	cps
Dysprosium	156-1	13	20	7	13	49.99	cps
Dysprosium	156-2	10	3	33	16	101.28	cps
Erbium	164-1	100	103	77	93	15.56	cps
Erbium	164-2	67	97	53	72	30.73	cps
Gadolinium	160-1	100	73	80	84	16.44	cps
Gadolinium	160-2	503	550	540	531	4.63	cps
Holmium	165-1	13458020	13283689	13343528	13361746	0.66	cps
Holmium	165-2	9762353	9675635	9780424	9739471	0.58	cps
Indium	115-1	10847114	10777629	10699233	10774659	0.69	cps
Indium	115-2	3972117	3875763	3900467	3916115	1.28	cps
Iron	56-2	266546	266001	265251	265933	0.24	cps
Iron	57-2	7188	7172	7148	7170	0.28	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:24:53	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16733	16406	16576	16571	0.99	cps
Krypton	83-1	277	277	303	286	5.39	cps
Lead	206-1	8456	8369	8406	8410	0.52	cps
Lead	207-1	6949	7299	7322	7190	2.91	cps
Lead	208-1	33203	33290	33243	33245	0.13	cps
Lithium	6-1	5420952	5422120	5410881	5417984	0.11	cps
Magnesium	24-2	312563	311660	309067	311097	0.58	cps
Manganese	55-2	4477	4361	4687	4508	3.67	cps
Molybdenum	94-1	23115	23599	23506	23407	1.10	cps
Molybdenum	95-1	28882	29173	29086	29047	0.51	cps
Molybdenum	96-1	31878	31501	31865	31748	0.67	cps
Molybdenum	97-1	17591	17658	17414	17554	0.72	cps
Molybdenum	98-1	45016	46661	44865	45514	2.19	cps
Neodymium	150-1	20	10	10	13	43.30	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	2274	2244	2250	2256	0.70	cps
Phosphorus	31-2	983	983	877	948	6.50	cps
Potassium	39-2	397560	392813	395911	395428	0.61	cps
Rhodium	103-1	10651464	10662535	10576951	10630316	0.44	cps
Rhodium	103-2	6419768	6329236	6332183	6360396	0.81	cps
Scandium	45-1	8607483	8549605	8516826	8557971	0.54	cps
Scandium	45-2	687840	682326	682029	684065	0.48	cps
Selenium	82-1	1189	1104	1098	1130	4.50	cps
Selenium	77-2	70	103	83	86	19.61	cps
Selenium	78-2	717	760	643	707	8.35	cps
Silicon	28-1	680523	686687	700471	689227	1.48	cps
Silver	107-1	14184	14497	14424	14368	1.14	cps
Silver	109-1	13516	13813	13490	13606	1.32	cps
Sodium	23-2	527473	523681	523495	524883	0.43	cps
Strontium	86-1	4464	4304	4437	4402	1.95	cps
Strontium	88-1	33989	33682	34033	33901	0.56	cps
Sulfur	34-1	331056	332060	331670	331595	0.15	cps
Terbium	159-1	13937979	13993559	13474319	13801952	2.07	cps
Terbium	159-2	9965536	9859634	9784188	9869786	0.92	cps
Thallium	203-1	9757	10481	10367	10202	3.82	cps
Thallium	205-1	23871	24131	24228	24077	0.77	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:24:53	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	43903	43652	44749	44102	1.30	cps
Titanium	47-1	9573	9403	9466	9481	0.91	cps
Uranium	238-1	30138	30268	30182	30196	0.22	cps
Vanadium	51-2	22440	22677	21936	22351	1.69	cps
Yttrium	89-1	17938558	18093573	17988898	18007009	0.44	cps
Yttrium	89-2	4469764	4454782	4414810	4446452	0.64	cps
Zinc	66-2	2394	2464	2394	2417	1.67	cps
Zirconium	90-1	20281	20004	19773	20019	1.27	cps
Zirconium	91-1	4227	4251	4394	4291	2.10	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P7
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:28:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	93	100	92	9.10	cps
Antimony	121-1	120	130	130	127	4.56	cps
Arsenic	75-2	3	13	3	7	86.65	cps
Barium	135-1	20	33	20	24	31.49	cps
Barium	137-1	53	43	60	52	16.07	cps
Beryllium	9-1	113	90	73	92	21.79	cps
Bismuth	209-1	8578665	8430109	8682454	8563742	1.48	cps
Bismuth	209-2	7705164	7730180	7677755	7704366	0.34	cps
Boron	10-1	2384	2230	1843	2152	12.93	cps
Boron	11-1	9556	9353	8409	9106	6.72	cps
Bromine	81-1	36502	37922	37394	37273	1.93	cps
Bromine	81-2	117	43	67	76	49.59	cps
Cadmium	111-1	5109	5134	4890	5044	2.66	cps
Cadmium	106-1	7319	7335	6988	7214	2.71	cps
Cadmium	108-1	20	30	17	22	31.22	cps
Calcium	43-1	130	153	163	149	11.49	cps
Calcium	44-1	12854	12333	13341	12843	3.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1403	1517	1467	1462	3.88	cps
Cobalt	59-2	103	73	53	77	32.83	cps
Copper	63-2	1000	997	940	979	3.44	cps
Dysprosium	156-1	10	7	17	11	45.82	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	133	93	107	111	18.33	cps
Erbium	164-2	37	67	60	54	28.93	cps
Gadolinium	160-1	77	77	73	76	2.55	cps
Gadolinium	160-2	503	647	703	618	16.69	cps
Holmium	165-1	13296404	13139249	13392348	13276000	0.96	cps
Holmium	165-2	9736237	9851453	9671117	9752936	0.94	cps
Indium	115-1	10892137	10933141	10935678	10920319	0.22	cps
Indium	115-2	3981429	3995236	3883367	3953344	1.54	cps
Iron	56-2	16289	16202	16479	16323	0.87	cps
Iron	57-2	633	630	640	634	0.80	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P7
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:28:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2310	2434	2370	2371	2.60	cps
Krypton	83-1	263	217	223	234	10.77	cps
Lead	206-1	313	273	383	323	17.22	cps
Lead	207-1	247	273	280	267	6.62	cps
Lead	208-1	1133	1197	1260	1197	5.29	cps
Lithium	6-1	5337029	5476279	5374710	5396006	1.33	cps
Magnesium	24-2	490	553	540	528	6.33	cps
Manganese	55-2	123	150	97	123	21.62	cps
Molybdenum	94-1	287	223	280	263	13.22	cps
Molybdenum	95-1	60	67	70	66	7.77	cps
Molybdenum	96-1	157	150	133	147	8.19	cps
Molybdenum	97-1	47	57	40	48	17.56	cps
Molybdenum	98-1	87	60	90	79	20.84	cps
Neodymium	150-1	0	13	10	8	89.21	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	37	40	23	33	26.47	cps
Phosphorus	31-2	550	623	560	578	6.88	cps
Potassium	39-2	67033	67010	66936	66993	0.08	cps
Rhodium	103-1	10657552	10575249	10646236	10626345	0.42	cps
Rhodium	103-2	6290040	6383415	6299971	6324475	0.81	cps
Scandium	45-1	8534610	8450666	8759464	8581580	1.86	cps
Scandium	45-2	683265	683649	686254	684389	0.24	cps
Selenium	82-1	108	125	143	126	13.95	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	367	343	387	366	5.93	cps
Silicon	28-1	584163	582506	588356	585008	0.52	cps
Silver	107-1	230	217	187	211	10.51	cps
Silver	109-1	140	120	103	121	15.16	cps
Sodium	23-2	26650	26887	26493	26676	0.74	cps
Strontium	86-1	477	427	470	458	5.93	cps
Strontium	88-1	243	227	163	211	19.99	cps
Sulfur	34-1	328076	331322	329190	329529	0.50	cps
Terbium	159-1	14062001	14113638	13917944	14031195	0.72	cps
Terbium	159-2	9830811	9843072	10007108	9893664	0.99	cps
Thallium	203-1	167	150	173	163	7.36	cps
Thallium	205-1	440	427	383	417	7.11	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P7
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:28:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	790	777	710	759	5.65	cps
Titanium	47-1	107	120	117	114	6.06	cps
Uranium	238-1	10	27	10	16	61.87	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Yttrium	89-1	17842686	17965374	17806723	17871594	0.47	cps
Yttrium	89-2	4382630	4388482	4487191	4419434	1.33	cps
Zinc	66-2	323	313	313	317	1.82	cps
Zirconium	90-1	763	760	703	742	4.54	cps
Zirconium	91-1	150	140	147	146	3.50	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P7
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:53:52	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30019490	30347661	30248221	30205124	0.56	cps
Antimony	121-1	9260	10007	10180	9816	4.98	cps
Arsenic	75-2	290	310	243	281	12.17	cps
Barium	135-1	3857	3894	3834	3862	0.78	cps
Barium	137-1	6478	6425	6498	6467	0.59	cps
Beryllium	9-1	920	1017	1003	980	5.35	cps
Bismuth	209-1	7958946	8013515	7968228	7980229	0.37	cps
Bismuth	209-2	6881613	6952602	6970709	6934975	0.68	cps
Boron	10-1	1017	1013	1007	1012	0.50	cps
Boron	11-1	5061	4721	4374	4719	7.28	cps
Bromine	81-1	41555	43314	43029	42633	2.21	cps
Bromine	81-2	177	207	260	214	19.68	cps
Cadmium	111-1	5561	5534	5589	5561	0.50	cps
Cadmium	106-1	6045	6341	6178	6188	2.40	cps
Cadmium	108-1	2587	2494	2504	2528	2.03	cps
Calcium	43-1	3886684	4000921	3994167	3960591	1.62	cps
Calcium	44-1	63004497	63070482	63521074	63198685	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105183	104915	103630	104576	0.79	cps
Cobalt	59-2	9917	9813	9980	9903	0.85	cps
Copper	63-2	43356	43577	42624	43185	1.15	cps
Dysprosium	156-1	53	50	27	43	33.52	cps
Dysprosium	156-2	27	17	40	28	42.13	cps
Erbium	164-1	153	117	113	128	17.37	cps
Erbium	164-2	93	110	103	102	8.21	cps
Gadolinium	160-1	107	113	77	99	19.75	cps
Gadolinium	160-2	573	530	567	557	4.19	cps
Holmium	165-1	13315791	13777611	13645257	13579553	1.75	cps
Holmium	165-2	9724608	9740716	9785571	9750299	0.32	cps
Indium	115-1	10522890	10594646	10632960	10583499	0.53	cps
Indium	115-2	3741975	3733548	3692016	3722513	0.72	cps
Iron	56-2	452429140	456805407	454417687	454550744	0.48	cps
Iron	57-2	11253761	11191090	11150287	11198379	0.47	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P7
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:53:52	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	25126019	25176100	25235080	25179066	0.22	cps
Krypton	83-1	297	283	283	288	2.67	cps
Lead	206-1	37822	37318	37923	37688	0.86	cps
Lead	207-1	28938	28620	28964	28841	0.66	cps
Lead	208-1	138384	138252	138140	138259	0.09	cps
Lithium	6-1	4890137	4869491	4826721	4862117	0.67	cps
Magnesium	24-2	54749941	54296854	54745843	54597546	0.48	cps
Manganese	55-2	31246	31693	31159	31366	0.91	cps
Molybdenum	94-1	6258181	6293114	6323216	6291504	0.52	cps
Molybdenum	95-1	11173800	11305445	11213792	11231012	0.60	cps
Molybdenum	96-1	11577944	11741555	11715657	11678385	0.75	cps
Molybdenum	97-1	6774857	6763943	6862136	6800312	0.79	cps
Molybdenum	98-1	17704972	17628144	17723560	17685559	0.29	cps
Neodymium	150-1	60	60	70	63	9.12	cps
Neodymium	150-2	20	43	23	29	43.68	cps
Nickel	60-2	11194	11301	10751	11082	2.63	cps
Phosphorus	31-2	1618395	1605540	1628033	1617323	0.70	cps
Potassium	39-2	59642737	59455946	59557416	59552033	0.16	cps
Rhodium	103-1	9790549	9781916	9809252	9793905	0.14	cps
Rhodium	103-2	5887681	5748110	5810518	5815436	1.20	cps
Scandium	45-1	8489541	8507002	8384576	8460373	0.78	cps
Scandium	45-2	659091	658241	655736	657689	0.27	cps
Selenium	82-1	128	162	170	153	14.52	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	350	317	297	321	8.39	cps
Silicon	28-1	776160	787764	793296	785740	1.11	cps
Silver	107-1	310	197	260	256	22.23	cps
Silver	109-1	260	220	190	223	15.73	cps
Sodium	23-2	94232215	94266302	94046909	94181809	0.13	cps
Strontium	86-1	132064	133092	135568	133574	1.35	cps
Strontium	88-1	1148162	1169105	1168119	1161795	1.02	cps
Sulfur	34-1	7446227	7461968	7502946	7470380	0.39	cps
Terbium	159-1	13900463	14096251	14083313	14026675	0.78	cps
Terbium	159-2	9825741	9678849	9825065	9776552	0.87	cps
Thallium	203-1	423	417	350	397	10.22	cps
Thallium	205-1	910	867	883	887	2.46	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P7
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:53:52	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1830	1817	2054	1900	7.00	cps
Titanium	47-1	3727034	3775163	3744772	3748990	0.65	cps
Uranium	238-1	490	433	540	488	10.94	cps
Vanadium	51-2	883	943	847	891	5.48	cps
Yttrium	89-1	18092840	18194026	18052802	18113223	0.40	cps
Yttrium	89-2	4390145	4358763	4365431	4371446	0.38	cps
Zinc	66-2	9286	9406	9443	9379	0.87	cps
Zirconium	90-1	1153	1153	1053	1120	5.16	cps
Zirconium	91-1	260	193	230	228	14.66	cps

LB Number : LB124508 Operator : Jaswal
 Lab Sample ID : ICSAB02 Instrumnet Name : P7
 Client Sample ID : ICSAB02 Dilution Factor : 1
 Date & Time Acquired : 2023-03-15 15:59:36 DataFile Name : 022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30573103	30620698	30499905	30564569	0.20	cps
Antimony	121-1	193818	196637	197363	195939	0.96	cps
Arsenic	75-2	11318	11078	11465	11287	1.73	cps
Barium	135-1	58777	58764	57479	58340	1.28	cps
Barium	137-1	98114	99338	99446	98966	0.75	cps
Beryllium	9-1	66880	68497	67358	67578	1.23	cps
Bismuth	209-1	8005918	7883710	8013744	7967791	0.92	cps
Bismuth	209-2	7145987	7041220	7067110	7084772	0.77	cps
Boron	10-1	950	887	970	936	4.65	cps
Boron	11-1	4381	4491	4497	4456	1.47	cps
Bromine	81-1	43023	44360	44156	43846	1.64	cps
Bromine	81-2	217	217	217	217	0.00	cps
Cadmium	111-1	58940	59187	59985	59371	0.92	cps
Cadmium	106-1	11094	11468	11578	11380	2.23	cps
Cadmium	108-1	6221	6305	6035	6187	2.24	cps
Calcium	43-1	4013267	4026357	4001556	4013727	0.31	cps
Calcium	44-1	63154859	63561302	64893971	63870044	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	211387	210085	210072	210514	0.36	cps
Cobalt	59-2	173358	171423	171889	172223	0.59	cps
Copper	63-2	153545	153104	151956	152868	0.54	cps
Dysprosium	156-1	70	63	50	61	16.66	cps
Dysprosium	156-2	40	43	33	39	13.09	cps
Erbium	164-1	173	160	157	163	5.40	cps
Erbium	164-2	117	83	107	102	16.74	cps
Gadolinium	160-1	150	120	137	136	11.09	cps
Gadolinium	160-2	560	533	537	543	2.67	cps
Holmium	165-1	13614051	13708680	13680276	13667669	0.36	cps
Holmium	165-2	9904334	9854808	9962343	9907162	0.54	cps
Indium	115-1	10679926	10680305	10750869	10703700	0.38	cps
Indium	115-2	3830196	3801757	3742399	3791451	1.18	cps
Iron	56-2	461874353	458061753	456394660	458776922	0.61	cps
Iron	57-2	11471856	11108778	11276946	11285860	1.61	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P7
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:59:36	DataFile Name :	022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	25328063	24931749	25010294	25090035	0.84	cps
Krypton	83-1	327	253	357	312	17.03	cps
Lead	206-1	229856	234263	234706	232942	1.15	cps
Lead	207-1	190987	194651	192121	192586	0.97	cps
Lead	208-1	884851	900235	895355	893480	0.88	cps
Lithium	6-1	4838882	4789404	4826121	4818136	0.53	cps
Magnesium	24-2	54582353	55372981	54674783	54876705	0.79	cps
Manganese	55-2	111724	111409	111590	111574	0.14	cps
Molybdenum	94-1	6277247	6459962	6382047	6373086	1.44	cps
Molybdenum	95-1	11188470	11476557	11375414	11346813	1.29	cps
Molybdenum	96-1	11805365	12079773	11855914	11913684	1.23	cps
Molybdenum	97-1	6805564	6925027	6902329	6877640	0.92	cps
Molybdenum	98-1	17748835	18079553	17825466	17884618	0.97	cps
Neodymium	150-1	57	57	53	56	3.47	cps
Neodymium	150-2	27	63	33	41	47.50	cps
Nickel	60-2	51993	52384	51612	51996	0.74	cps
Phosphorus	31-2	1639682	1632197	1591793	1621224	1.59	cps
Potassium	39-2	60254246	59151584	59750757	59718862	0.92	cps
Rhodium	103-1	9832744	9944717	9916504	9897988	0.59	cps
Rhodium	103-2	6020409	5907103	5926736	5951416	1.02	cps
Scandium	45-1	8328968	8343375	8440730	8371025	0.73	cps
Scandium	45-2	678573	663585	666268	669475	1.19	cps
Selenium	82-1	4347	4488	4438	4424	1.62	cps
Selenium	77-2	437	377	403	406	7.41	cps
Selenium	78-2	1713	1547	1553	1605	5.88	cps
Silicon	28-1	783319	797313	803094	794575	1.28	cps
Silver	107-1	263631	269354	266956	266647	1.08	cps
Silver	109-1	252865	253790	256457	254371	0.73	cps
Sodium	23-2	95489755	94911075	95868972	95423267	0.51	cps
Strontium	86-1	136463	135141	136772	136125	0.64	cps
Strontium	88-1	1181013	1198582	1198336	1192644	0.84	cps
Sulfur	34-1	7455494	7560686	7477091	7497757	0.74	cps
Terbium	159-1	14299850	14491788	14247236	14346291	0.90	cps
Terbium	159-2	10049601	9958025	9850583	9952736	1.00	cps
Thallium	203-1	247553	246945	249316	247938	0.50	cps
Thallium	205-1	587470	586659	594876	589668	0.77	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P7
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 15:59:36	DataFile Name :	022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2100	2217	2390	2236	6.53	cps
Titanium	47-1	3752721	3819976	3809364	3794020	0.95	cps
Uranium	238-1	777	747	780	768	2.39	cps
Vanadium	51-2	93048	90898	90928	91625	1.34	cps
Yttrium	89-1	17927456	18346026	18294055	18189179	1.25	cps
Yttrium	89-2	4401312	4382597	4371691	4385200	0.34	cps
Zinc	66-2	25762	25879	26049	25897	0.56	cps
Zirconium	90-1	1070	1103	1140	1105	3.17	cps
Zirconium	91-1	260	237	283	260	8.97	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:02:37	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16187553	16358405	16589556	16378505	1.23	cps
Antimony	121-1	4375574	4528607	4509444	4471208	1.86	cps
Arsenic	75-2	275123	279418	280824	278455	1.07	cps
Barium	135-1	6766950	6867255	6918901	6851035	1.13	cps
Barium	137-1	11408060	11538472	11652044	11532858	1.06	cps
Beryllium	9-1	1560520	1546543	1590197	1565753	1.42	cps
Bismuth	209-1	7429759	7600542	7466742	7499014	1.20	cps
Bismuth	209-2	6566103	6570536	6714575	6617071	1.28	cps
Boron	10-1	280575	302801	312714	298696	5.51	cps
Boron	11-1	1264240	1391215	1453527	1369661	7.04	cps
Bromine	81-1	43471	44490	44377	44113	1.27	cps
Bromine	81-2	110	120	113	114	4.45	cps
Cadmium	111-1	1278950	1300582	1299249	1292927	0.94	cps
Cadmium	106-1	151670	156440	152806	153639	1.62	cps
Cadmium	108-1	101036	104457	104708	103400	1.98	cps
Calcium	43-1	9812238	10102106	9935850	9950065	1.46	cps
Calcium	44-1	154336548	157643441	155910088	155963359	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2678527	2654839	2685792	2673053	0.61	cps
Cobalt	59-2	4105904	4195901	4148903	4150236	1.08	cps
Copper	63-2	28602297	28541331	28255142	28466257	0.65	cps
Dysprosium	156-1	1350	1400	1280	1343	4.49	cps
Dysprosium	156-2	1147	1117	1203	1156	3.81	cps
Erbium	164-1	163	197	183	181	9.26	cps
Erbium	164-2	97	103	137	112	19.10	cps
Gadolinium	160-1	1377	1343	1293	1338	3.14	cps
Gadolinium	160-2	1450	1503	1537	1497	2.92	cps
Holmium	165-1	13374181	13269754	13264741	13302892	0.46	cps
Holmium	165-2	9415120	9520825	9676264	9537403	1.38	cps
Indium	115-1	9865045	10214935	10215682	10098554	2.00	cps
Indium	115-2	3606744	3547245	3623879	3592623	1.12	cps
Iron	56-2	576221538	582238591	579304751	579254960	0.52	cps
Iron	57-2	14290475	14393964	14426841	14370427	0.50	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:02:37	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	31985103	31799915	31483742	31756253	0.80	cps
Krypton	83-1	300	293	317	303	3.96	cps
Lead	206-1	21434851	21541196	21653893	21543313	0.51	cps
Lead	207-1	18981715	19262136	19386216	19210022	1.08	cps
Lead	208-1	84809490	86792220	86719252	86106987	1.31	cps
Lithium	6-1	4416889	4553675	4553911	4508158	1.75	cps
Magnesium	24-2	150602868	152015641	153899031	152172513	1.09	cps
Manganese	55-2	19638301	19917629	19796398	19784109	0.71	cps
Molybdenum	94-1	20855575	21480115	21725497	21353729	2.10	cps
Molybdenum	95-1	30816495	31378212	31895416	31363375	1.72	cps
Molybdenum	96-1	33000547	33794703	33868660	33554636	1.43	cps
Molybdenum	97-1	18753122	19304943	19395160	19151075	1.81	cps
Molybdenum	98-1	48175251	49708316	49690873	49191480	1.79	cps
Neodymium	150-1	803	897	777	826	7.63	cps
Neodymium	150-2	217	177	203	199	10.24	cps
Nickel	60-2	1029235	1038106	1028611	1031984	0.51	cps
Phosphorus	31-2	177361	175338	176987	176562	0.61	cps
Potassium	39-2	78802339	77933861	78652032	78462744	0.59	cps
Rhodium	103-1	9132997	9293464	9351976	9259479	1.22	cps
Rhodium	103-2	5546676	5494024	5634594	5558431	1.28	cps
Scandium	45-1	8223696	8280662	8303785	8269381	0.50	cps
Scandium	45-2	660824	650774	662642	658080	0.97	cps
Selenium	82-1	105756	108183	108525	107488	1.40	cps
Selenium	77-2	10027	10307	10604	10313	2.80	cps
Selenium	78-2	33942	33585	34694	34074	1.66	cps
Silicon	28-1	27039269	28028183	28360375	27809275	2.47	cps
Silver	107-1	6556757	6724572	6678897	6653409	1.30	cps
Silver	109-1	6257457	6388554	6275827	6307279	1.13	cps
Sodium	23-2	241788756	240928330	246077556	242931547	1.14	cps
Strontium	86-1	50183903	50847706	50950883	50660830	0.82	cps
Strontium	88-1	438890633	443710460	442268153	441623082	0.56	cps
Sulfur	34-1	1017168	1035322	1031157	1027882	0.93	cps
Terbium	159-1	13434643	13740539	13867678	13680953	1.63	cps
Terbium	159-2	9675938	9590315	9591385	9619213	0.51	cps
Thallium	203-1	5280754	5219348	5285231	5261778	0.70	cps
Thallium	205-1	12412275	12620903	12535406	12522861	0.84	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:02:37	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4316262	4436066	4425895	4392741	1.51	cps
Titanium	47-1	9424823	9742696	9692116	9619878	1.78	cps
Uranium	238-1	17967435	17707796	17910384	17861871	0.76	cps
Vanadium	51-2	2363998	2303324	2307412	2324911	1.46	cps
Yttrium	89-1	17690148	17854765	17970298	17838404	0.79	cps
Yttrium	89-2	4318498	4254496	4297501	4290165	0.76	cps
Zinc	66-2	4101193	4090595	4040944	4077577	0.79	cps
Zirconium	90-1	10460276	10653884	10939353	10684504	2.26	cps
Zirconium	91-1	2309837	2336707	2384551	2343698	1.61	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:07:44	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	790	940	787	839	10.44	cps
Antimony	121-1	1117	1260	1227	1201	6.25	cps
Arsenic	75-2	13	23	20	19	26.96	cps
Barium	135-1	190	93	163	149	33.53	cps
Barium	137-1	240	270	290	267	9.44	cps
Beryllium	9-1	163	170	150	161	6.32	cps
Bismuth	209-1	8781561	8950367	8932073	8888000	1.04	cps
Bismuth	209-2	7848018	7943441	7959612	7917023	0.76	cps
Boron	10-1	5324	5268	5088	5226	2.37	cps
Boron	11-1	25518	23732	22527	23925	6.29	cps
Bromine	81-1	43023	42404	42855	42761	0.75	cps
Bromine	81-2	67	77	77	73	7.87	cps
Cadmium	111-1	4764	4804	4898	4822	1.42	cps
Cadmium	106-1	6755	6818	6918	6831	1.21	cps
Cadmium	108-1	20	37	17	24	43.83	cps
Calcium	43-1	377	390	450	406	9.63	cps
Calcium	44-1	16587	15963	17225	16592	3.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1593	1590	1630	1605	1.38	cps
Cobalt	59-2	160	200	180	180	11.11	cps
Copper	63-2	2817	2827	2704	2783	2.46	cps
Dysprosium	156-1	10	17	7	11	45.82	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	87	127	133	116	21.84	cps
Erbium	164-2	73	80	67	73	9.09	cps
Gadolinium	160-1	63	97	87	82	20.81	cps
Gadolinium	160-2	447	567	503	506	11.87	cps
Holmium	165-1	13856208	13579814	13723053	13719691	1.01	cps
Holmium	165-2	9923530	9932986	9878408	9911641	0.29	cps
Indium	115-1	11289802	11310372	11248959	11283044	0.28	cps
Indium	115-2	3998140	4029214	4001471	4009608	0.43	cps
Iron	56-2	38894	38396	38513	38601	0.67	cps
Iron	57-2	1143	1100	1200	1148	4.37	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:07:44	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3574	3637	3707	3639	1.83	cps
Krypton	83-1	273	287	293	284	3.58	cps
Lead	206-1	1273	1350	1350	1325	3.34	cps
Lead	207-1	1003	1037	1223	1088	10.90	cps
Lead	208-1	4944	4920	5177	5014	2.83	cps
Lithium	6-1	5169762	5067229	5105564	5114185	1.01	cps
Magnesium	24-2	5014	5168	5134	5105	1.58	cps
Manganese	55-2	710	783	667	720	8.19	cps
Molybdenum	94-1	1190	973	1237	1133	12.40	cps
Molybdenum	95-1	1423	1183	1437	1348	10.58	cps
Molybdenum	96-1	1703	1360	1577	1547	11.23	cps
Molybdenum	97-1	940	813	867	873	7.28	cps
Molybdenum	98-1	2174	1927	2114	2071	6.21	cps
Neodymium	150-1	13	3	10	9	57.30	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	70	87	63	73	16.39	cps
Phosphorus	31-2	533	550	583	556	4.58	cps
Potassium	39-2	75690	74880	73794	74788	1.27	cps
Rhodium	103-1	10896217	10839178	10891743	10875713	0.29	cps
Rhodium	103-2	6526986	6514757	6566409	6536050	0.41	cps
Scandium	45-1	8728382	8596412	8740994	8688596	0.92	cps
Scandium	45-2	679918	680187	685201	681769	0.44	cps
Selenium	82-1	70	50	83	68	24.35	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	320	320	367	336	8.03	cps
Silicon	28-1	670822	652385	662991	662066	1.40	cps
Silver	107-1	400	457	387	414	8.97	cps
Silver	109-1	377	333	363	358	6.20	cps
Sodium	23-2	47135	45296	45972	46134	2.02	cps
Strontium	86-1	1313	1367	1750	1477	16.13	cps
Strontium	88-1	8729	7679	10084	8831	13.65	cps
Sulfur	34-1	319808	317305	319571	318895	0.43	cps
Terbium	159-1	14265732	14492633	14491281	14416548	0.91	cps
Terbium	159-2	10129271	9980670	9961255	10023732	0.92	cps
Thallium	203-1	513	477	350	447	19.19	cps
Thallium	205-1	977	1010	1033	1007	2.83	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:07:44	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	823	967	947	912	8.51	cps
Titanium	47-1	273	360	387	340	17.43	cps
Uranium	238-1	283	340	330	318	9.52	cps
Vanadium	51-2	90	67	83	80	15.02	cps
Yttrium	89-1	18687194	18755646	18660964	18701268	0.26	cps
Yttrium	89-2	4524588	4473057	4552725	4516790	0.89	cps
Zinc	66-2	433	410	443	429	3.99	cps
Zirconium	90-1	1003	1010	1123	1046	6.45	cps
Zirconium	91-1	200	197	213	203	4.34	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	PB151389BL	Instrumnet Name :	P7
Client Sample ID :	PB151389BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:23:13	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253	303	263	273	9.68	cps
Antimony	121-1	130	193	157	160	19.88	cps
Arsenic	75-2	3	0	3	2	86.60	cps
Barium	135-1	73	40	67	60	29.40	cps
Barium	137-1	87	110	73	90	20.62	cps
Beryllium	9-1	100	77	70	82	19.16	cps
Bismuth	209-1	9011867	9042627	8976965	9010486	0.36	cps
Bismuth	209-2	7900610	7876509	7952057	7909725	0.49	cps
Boron	10-1	2490	2434	2037	2320	10.65	cps
Boron	11-1	10951	10284	9626	10287	6.44	cps
Bromine	81-1	44972	45129	45012	45038	0.18	cps
Bromine	81-2	67	80	63	70	12.60	cps
Cadmium	111-1	5494	5164	5094	5251	4.06	cps
Cadmium	106-1	7862	7375	7262	7500	4.25	cps
Cadmium	108-1	33	17	13	21	50.75	cps
Calcium	43-1	200	200	197	199	0.97	cps
Calcium	44-1	14278	14035	13604	13972	2.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1440	1617	1570	1542	5.94	cps
Cobalt	59-2	67	60	70	66	7.77	cps
Copper	63-2	1723	1727	1757	1736	1.06	cps
Dysprosium	156-1	3	0	10	4	114.60	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	117	130	130	126	6.13	cps
Erbium	164-2	60	90	53	68	28.82	cps
Gadolinium	160-1	90	83	57	77	23.00	cps
Gadolinium	160-2	517	537	497	517	3.87	cps
Holmium	165-1	14078082	14211256	14084183	14124507	0.53	cps
Holmium	165-2	10055790	10018731	10067761	10047427	0.25	cps
Indium	115-1	11578281	11701730	11361886	11547299	1.49	cps
Indium	115-2	4072790	4046597	4067884	4062424	0.34	cps
Iron	56-2	20317	21258	20260	20612	2.72	cps
Iron	57-2	767	700	650	706	8.30	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	PB151389BL	Instrumnet Name :	P7
Client Sample ID :	PB151389BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:23:13	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2664	2780	2800	2748	2.69	cps
Krypton	83-1	277	290	273	280	3.15	cps
Lead	206-1	483	583	577	548	10.21	cps
Lead	207-1	450	523	520	498	8.32	cps
Lead	208-1	2123	2213	2207	2181	2.30	cps
Lithium	6-1	5055540	5085154	4962210	5034301	1.27	cps
Magnesium	24-2	1253	1240	1117	1203	6.26	cps
Manganese	55-2	207	213	143	188	20.57	cps
Molybdenum	94-1	360	340	370	357	4.28	cps
Molybdenum	95-1	390	277	263	310	22.45	cps
Molybdenum	96-1	413	380	327	373	11.71	cps
Molybdenum	97-1	137	130	180	149	18.23	cps
Molybdenum	98-1	480	310	317	369	26.10	cps
Neodymium	150-1	10	17	13	13	25.01	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	53	60	53	56	6.93	cps
Phosphorus	31-2	597	593	483	558	11.56	cps
Potassium	39-2	71236	73242	72391	72290	1.39	cps
Rhodium	103-1	11170480	11477641	11165779	11271300	1.59	cps
Rhodium	103-2	6593569	6674749	6579954	6616091	0.77	cps
Scandium	45-1	8989589	8944604	8936027	8956740	0.32	cps
Scandium	45-2	710788	713132	708981	710967	0.29	cps
Selenium	82-1	94	120	102	105	12.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	363	400	310	358	12.65	cps
Silicon	28-1	601286	604812	604100	603399	0.31	cps
Silver	107-1	307	273	223	268	15.66	cps
Silver	109-1	223	190	167	193	14.73	cps
Sodium	23-2	31372	30621	31526	31173	1.55	cps
Strontium	86-1	677	623	693	664	5.50	cps
Strontium	88-1	1917	1807	1763	1829	4.32	cps
Sulfur	34-1	330249	329241	328053	329181	0.33	cps
Terbium	159-1	14914383	14759586	14540045	14738005	1.28	cps
Terbium	159-2	10097407	10228263	10131806	10152492	0.67	cps
Thallium	203-1	297	303	353	318	9.75	cps
Thallium	205-1	783	713	753	750	4.68	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	PB151389BL	Instrumnet Name :	P7
Client Sample ID :	PB151389BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:23:13	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	897	847	813	852	4.92	cps
Titanium	47-1	233	243	207	228	8.32	cps
Uranium	238-1	110	80	47	79	40.16	cps
Vanadium	51-2	23	23	33	27	21.65	cps
Yttrium	89-1	19448335	19238136	19038111	19241527	1.07	cps
Yttrium	89-2	4658737	4638147	4658655	4651846	0.26	cps
Zinc	66-2	537	443	410	463	14.17	cps
Zirconium	90-1	803	677	760	747	8.62	cps
Zirconium	91-1	167	167	137	157	11.06	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	PB151389BS	Instrumnet Name :	P7
Client Sample ID :	PB151389BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:26:30	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3394327	3341721	3359710	3365253	0.79	cps
Antimony	121-1	4720585	4832486	4820664	4791245	1.28	cps
Arsenic	75-2	289954	288706	289991	289550	0.25	cps
Barium	135-1	6978911	7195773	7148992	7107892	1.61	cps
Barium	137-1	11807532	12188211	12138924	12044889	1.72	cps
Beryllium	9-1	1689172	1697481	1731640	1706097	1.32	cps
Bismuth	209-1	8476748	8541952	8436165	8484955	0.63	cps
Bismuth	209-2	7477647	7425826	7597649	7500374	1.18	cps
Boron	10-1	303626	321752	336331	320570	5.11	cps
Boron	11-1	1384859	1492391	1511251	1462834	4.66	cps
Bromine	81-1	43264	42047	42528	42613	1.44	cps
Bromine	81-2	93	87	80	87	7.69	cps
Cadmium	111-1	1433107	1461192	1475441	1456580	1.48	cps
Cadmium	106-1	168914	170382	169318	169538	0.45	cps
Cadmium	108-1	112935	113886	115634	114152	1.20	cps
Calcium	43-1	2484229	2465575	2487579	2479128	0.48	cps
Calcium	44-1	35716044	35854070	35617999	35729371	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2694980	2744384	2682493	2707285	1.21	cps
Cobalt	59-2	4263157	4194157	4216620	4224645	0.83	cps
Copper	63-2	29145177	29772789	29577014	29498327	1.09	cps
Dysprosium	156-1	427	420	360	402	9.13	cps
Dysprosium	156-2	410	497	353	420	17.19	cps
Erbium	164-1	177	123	183	161	20.41	cps
Erbium	164-2	120	133	100	118	14.25	cps
Gadolinium	160-1	393	363	380	379	3.97	cps
Gadolinium	160-2	697	703	737	712	3.01	cps
Holmium	165-1	14012239	14154010	14100272	14088840	0.51	cps
Holmium	165-2	10137112	9911368	10124836	10057772	1.26	cps
Indium	115-1	10856972	10929663	10625049	10803895	1.47	cps
Indium	115-2	3888829	3823003	3868558	3860130	0.87	cps
Iron	56-2	124918098	124940715	123686175	124514996	0.58	cps
Iron	57-2	3089479	3065466	3090844	3081929	0.46	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	PB151389BS	Instrumnet Name :	P7
Client Sample ID :	PB151389BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:26:30	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6844420	7016616	6882817	6914618	1.31	cps
Krypton	83-1	347	313	317	326	5.64	cps
Lead	206-1	22792740	23409613	23373663	23192005	1.49	cps
Lead	207-1	20338903	21016544	20961954	20772467	1.81	cps
Lead	208-1	91464736	93673038	93796878	92978217	1.41	cps
Lithium	6-1	5090543	4911972	5025648	5009388	1.80	cps
Magnesium	24-2	31809681	31705904	31494752	31670112	0.51	cps
Manganese	55-2	20452623	20863909	20250354	20522295	1.52	cps
Molybdenum	94-1	21825955	21801926	22077492	21901791	0.70	cps
Molybdenum	95-1	31541555	32139723	31970416	31883898	0.97	cps
Molybdenum	96-1	34073118	34390494	34489062	34317558	0.63	cps
Molybdenum	97-1	19224376	19556900	19893166	19558147	1.71	cps
Molybdenum	98-1	49158234	50578821	51054126	50263727	1.96	cps
Neodymium	150-1	857	727	853	812	9.13	cps
Neodymium	150-2	160	173	140	158	10.64	cps
Nickel	60-2	1076326	1073935	1069907	1073389	0.30	cps
Phosphorus	31-2	181742	183560	180336	181879	0.89	cps
Potassium	39-2	16384629	16179677	16232990	16265765	0.65	cps
Rhodium	103-1	10440643	10265930	10481085	10395886	1.10	cps
Rhodium	103-2	6202508	6199526	6204614	6202216	0.04	cps
Scandium	45-1	8802418	8622324	8690936	8705226	1.04	cps
Scandium	45-2	676915	676979	684877	679590	0.67	cps
Selenium	82-1	110383	112913	113373	112223	1.43	cps
Selenium	77-2	10254	10394	10657	10435	1.96	cps
Selenium	78-2	34681	35035	35449	35055	1.10	cps
Silicon	28-1	28585205	29933035	30384545	29634262	3.16	cps
Silver	107-1	7448159	7487293	7494811	7476754	0.34	cps
Silver	109-1	7105486	7155641	7129473	7130200	0.35	cps
Sodium	23-2	50837031	50915903	50300399	50684444	0.66	cps
Strontium	86-1	51348359	52699971	52352428	52133586	1.35	cps
Strontium	88-1	454165247	462126006	463597393	459962882	1.10	cps
Sulfur	34-1	1077775	1072220	1072007	1074001	0.30	cps
Terbium	159-1	14623396	14387594	14286743	14432578	1.20	cps
Terbium	159-2	9927062	10159615	10227437	10104705	1.56	cps
Thallium	203-1	5541583	5709229	5685220	5645344	1.61	cps
Thallium	205-1	13269837	13490494	13397076	13385803	0.83	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	PB151389BS	Instrumnet Name :	P7
Client Sample ID :	PB151389BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:26:30	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4630462	4640505	4627851	4632939	0.14	cps
Titanium	47-1	9866482	9962300	9875181	9901321	0.54	cps
Uranium	238-1	18082874	18403019	18600940	18362278	1.42	cps
Vanadium	51-2	2363192	2372188	2346459	2360613	0.55	cps
Yttrium	89-1	18790908	18555653	18681032	18675864	0.63	cps
Yttrium	89-2	4477703	4529380	4579639	4528907	1.13	cps
Zinc	66-2	4397273	4516773	4465057	4459701	1.34	cps
Zirconium	90-1	10717091	11022344	10978550	10905995	1.51	cps
Zirconium	91-1	2339230	2391622	2367531	2366128	1.11	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-17	Instrumnet Name :	P7
Client Sample ID :	CF-19	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:36:24	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120676435	120847745	121904328	121142836	0.55	cps
Antimony	121-1	1293	1563	1430	1429	9.45	cps
Arsenic	75-2	19199	19249	19483	19310	0.78	cps
Barium	135-1	6144424	5969460	5928686	6014190	1.91	cps
Barium	137-1	10255613	10237353	9980712	10157893	1.51	cps
Beryllium	9-1	52197	50391	50559	51049	1.95	cps
Bismuth	209-1	9825844	9571897	9250684	9549475	3.02	cps
Bismuth	209-2	8174329	8117554	8258202	8183362	0.86	cps
Boron	10-1	7045	7635	7589	7423	4.42	cps
Boron	11-1	34418	35855	34856	35043	2.10	cps
Bromine	81-1	50798	52798	52985	52193	2.32	cps
Bromine	81-2	4347	4364	4447	4386	1.22	cps
Cadmium	111-1	15089	15368	15212	15223	0.92	cps
Cadmium	106-1	19390	19520	19190	19366	0.86	cps
Cadmium	108-1	2110	2070	1863	2015	6.57	cps
Calcium	43-1	961990	948421	944055	951489	0.98	cps
Calcium	44-1	14636107	14273944	14068326	14326125	2.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1620248	1604830	1652747	1625942	1.50	cps
Cobalt	59-2	1499439	1453793	1467195	1473476	1.59	cps
Copper	63-2	2967150	3023012	2948960	2979707	1.30	cps
Dysprosium	156-1	1138717	1137927	1123298	1133314	0.77	cps
Dysprosium	156-2	828190	832895	829414	830166	0.29	cps
Erbium	164-1	1218753	1221913	1180961	1207209	1.89	cps
Erbium	164-2	830641	843946	823865	832817	1.23	cps
Gadolinium	160-1	1116197	1098011	1089319	1101175	1.25	cps
Gadolinium	160-2	804624	807068	803009	804901	0.25	cps
Holmium	165-1	17838602	17805185	16893707	17512498	3.06	cps
Holmium	165-2	12139852	12011901	12012225	12054659	0.61	cps
Indium	115-1	13451117	13330039	12689290	13156816	3.11	cps
Indium	115-2	4555120	4400737	4532161	4496006	1.85	cps
Iron	56-2	1717169361	1709845948	1715757948	1714257752	0.23	cps
Iron	57-2	43166558	42523193	41461830	42383860	2.03	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-17	Instrumnet Name :	P7
Client Sample ID :	CF-19	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:36:24	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	94755155	93883609	95805329	94814697	1.01	cps
Krypton	83-1	2640	2580	2507	2576	2.59	cps
Lead	206-1	1224277	1240120	1192121	1218839	2.01	cps
Lead	207-1	954768	944156	936226	945050	0.98	cps
Lead	208-1	4767119	4688891	4615328	4690446	1.62	cps
Lithium	6-1	6129479	5925924	5668135	5907846	3.91	cps
Magnesium	24-2	24212117	24413375	24124945	24250146	0.61	cps
Manganese	55-2	31798410	31596265	32098418	31831031	0.79	cps
Molybdenum	94-1	619926	619384	610042	616451	0.90	cps
Molybdenum	95-1	21039	20965	20000	20668	2.80	cps
Molybdenum	96-1	162493	161684	159574	161250	0.93	cps
Molybdenum	97-1	12682	12322	12469	12491	1.45	cps
Molybdenum	98-1	30155	29754	29373	29760	1.31	cps
Neodymium	150-1	1739466	1744788	1677222	1720492	2.18	cps
Neodymium	150-2	1003081	1001660	1001310	1002017	0.09	cps
Nickel	60-2	365781	366313	367141	366411	0.19	cps
Phosphorus	31-2	142486	139627	140272	140795	1.06	cps
Potassium	39-2	7097289	6954518	6774144	6941984	2.33	cps
Rhodium	103-1	12370049	12188616	11860437	12139701	2.13	cps
Rhodium	103-2	7098882	6836357	6892781	6942673	1.99	cps
Scandium	45-1	14086396	13817411	13708887	13870898	1.40	cps
Scandium	45-2	1080207	1065124	1068920	1071417	0.73	cps
Selenium	82-1	2438	2271	2232	2314	4.74	cps
Selenium	77-2	3614	3587	3387	3529	3.51	cps
Selenium	78-2	3210	3177	3254	3214	1.20	cps
Silicon	28-1	113532445	111189592	108906798	111209612	2.08	cps
Silver	107-1	3881	3857	3841	3859	0.52	cps
Silver	109-1	2420	2440	2410	2424	0.63	cps
Sodium	23-2	1784198	1841634	1845761	1823865	1.89	cps
Strontium	86-1	648801	643686	631867	641451	1.35	cps
Strontium	88-1	5671963	5740338	5474823	5629041	2.45	cps
Sulfur	34-1	406516	413726	405585	408609	1.09	cps
Terbium	159-1	18216769	17870333	17323096	17803400	2.53	cps
Terbium	159-2	12176828	11996344	12160041	12111071	0.82	cps
Thallium	203-1	13974	13433	13937	13782	2.19	cps
Thallium	205-1	33595	32626	32178	32799	2.21	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-17	Instrumnet Name :	P7
Client Sample ID :	CF-19	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:36:24	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	27149	27186	26651	26995	1.11	cps
Titanium	47-1	12083618	11959251	11910910	11984593	0.74	cps
Uranium	238-1	367894	371260	359184	366113	1.70	cps
Vanadium	51-2	2111353	2083617	2074489	2089820	0.92	cps
Yttrium	89-1	41960125	42039859	39913768	41304584	2.92	cps
Yttrium	89-2	9760659	9492557	9583457	9612224	1.42	cps
Zinc	66-2	544888	545339	537953	542727	0.76	cps
Zirconium	90-1	1719424	1715951	1673399	1702925	1.50	cps
Zirconium	91-1	376164	373527	368214	372635	1.09	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-17DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-19DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:39:20	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21979422	21564934	21446442	21663599	1.29	cps
Antimony	121-1	343	460	543	449	22.38	cps
Arsenic	75-2	3714	3514	3400	3543	4.48	cps
Barium	135-1	986337	1003829	1007427	999198	1.13	cps
Barium	137-1	1699042	1734624	1707815	1713827	1.08	cps
Beryllium	9-1	8662	9093	8873	8876	2.42	cps
Bismuth	209-1	8666429	8821645	8806702	8764925	0.98	cps
Bismuth	209-2	7836613	7782606	7772907	7797375	0.44	cps
Boron	10-1	3260	3537	3317	3372	4.34	cps
Boron	11-1	15381	15411	15291	15361	0.41	cps
Bromine	81-1	46754	46627	46410	46597	0.37	cps
Bromine	81-2	967	853	923	914	6.25	cps
Cadmium	111-1	7049	6623	6731	6801	3.25	cps
Cadmium	106-1	9540	9116	9270	9309	2.30	cps
Cadmium	108-1	347	393	397	379	7.38	cps
Calcium	43-1	159897	162486	161900	161427	0.84	cps
Calcium	44-1	2429184	2422430	2412353	2421322	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	291759	294253	294520	293511	0.52	cps
Cobalt	59-2	263155	266251	262220	263876	0.80	cps
Copper	63-2	565120	570124	570631	568625	0.54	cps
Dysprosium	156-1	189646	193914	193357	192306	1.21	cps
Dysprosium	156-2	146429	147423	146850	146901	0.34	cps
Erbium	164-1	200064	203187	202382	201878	0.80	cps
Erbium	164-2	147142	146735	144408	146095	1.01	cps
Gadolinium	160-1	186698	188886	189039	188207	0.70	cps
Gadolinium	160-2	140250	142355	142593	141733	0.91	cps
Holmium	165-1	14437039	14451203	14066111	14318118	1.53	cps
Holmium	165-2	10425021	10396503	10498337	10439953	0.50	cps
Indium	115-1	11336119	11433833	11353756	11374569	0.46	cps
Indium	115-2	4122001	4097437	4070501	4096646	0.63	cps
Iron	56-2	307629929	307093809	308776715	307833484	0.28	cps
Iron	57-2	7495964	7504383	7542841	7514396	0.33	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-17DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-19DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:39:20	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16863351	16988190	17012256	16954599	0.47	cps
Krypton	83-1	623	620	657	633	3.20	cps
Lead	206-1	210004	215441	216037	213828	1.55	cps
Lead	207-1	165072	167918	165799	166263	0.89	cps
Lead	208-1	787520	804518	801831	797956	1.15	cps
Lithium	6-1	5213057	5057844	5232739	5167880	1.85	cps
Magnesium	24-2	4376207	4327252	4352276	4351912	0.56	cps
Manganese	55-2	5670308	5651953	5632854	5651705	0.33	cps
Molybdenum	94-1	102026	105533	104111	103890	1.70	cps
Molybdenum	95-1	3831	3761	3684	3758	1.95	cps
Molybdenum	96-1	27088	28100	27950	27713	1.97	cps
Molybdenum	97-1	2290	2274	2144	2236	3.59	cps
Molybdenum	98-1	5318	5284	5214	5272	1.00	cps
Neodymium	150-1	288326	290172	289103	289200	0.32	cps
Neodymium	150-2	177115	174714	176109	175979	0.68	cps
Nickel	60-2	68164	68693	67839	68232	0.63	cps
Phosphorus	31-2	25000	24957	24917	24958	0.17	cps
Potassium	39-2	1267576	1265937	1257691	1263735	0.42	cps
Rhodium	103-1	10958379	11143654	10788578	10963537	1.62	cps
Rhodium	103-2	6650608	6585059	6549636	6595101	0.78	cps
Scandium	45-1	9600501	9647350	9497708	9581853	0.80	cps
Scandium	45-2	761727	761137	758744	760536	0.21	cps
Selenium	82-1	554	476	514	515	7.59	cps
Selenium	77-2	693	630	613	646	6.54	cps
Selenium	78-2	973	787	863	874	10.73	cps
Silicon	28-1	19218731	19609745	19513515	19447330	1.05	cps
Silver	107-1	847	917	813	859	6.14	cps
Silver	109-1	483	540	583	536	9.36	cps
Sodium	23-2	357311	356409	358855	357525	0.35	cps
Strontium	86-1	108058	109671	110286	109338	1.05	cps
Strontium	88-1	941682	956660	952945	950429	0.82	cps
Sulfur	34-1	318478	315896	316584	316986	0.42	cps
Terbium	159-1	14785122	14876228	15033880	14898410	0.84	cps
Terbium	159-2	10403021	10611183	10634091	10549432	1.21	cps
Thallium	203-1	2404	2584	2470	2486	3.66	cps
Thallium	205-1	6085	6105	6015	6068	0.78	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-17DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-19DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:39:20	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5474	5374	5484	5444	1.12	cps
Titanium	47-1	2006019	2047078	2041495	2031531	1.10	cps
Uranium	238-1	61085	62197	61818	61700	0.92	cps
Vanadium	51-2	367391	368137	368270	367933	0.13	cps
Yttrium	89-1	22625121	22194537	22313508	22377722	0.99	cps
Yttrium	89-2	5510157	5467430	5470527	5482705	0.43	cps
Zinc	66-2	99603	99425	98572	99200	0.56	cps
Zirconium	90-1	280458	287915	286571	284981	1.39	cps
Zirconium	91-1	62533	63758	63523	63271	1.03	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18	Instrumnet Name :	P7
Client Sample ID :	CF-20	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:42:29	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67242402	66788851	66408801	66813351	0.62	cps
Antimony	121-1	1107	1117	1097	1107	0.90	cps
Arsenic	75-2	13496	13827	13339	13554	1.83	cps
Barium	135-1	3033989	2939709	2912311	2962003	2.15	cps
Barium	137-1	5065880	5024184	4990356	5026807	0.75	cps
Beryllium	9-1	28990	28179	29338	28836	2.06	cps
Bismuth	209-1	8843019	8902229	8941085	8895444	0.56	cps
Bismuth	209-2	7727704	7628077	7767351	7707710	0.93	cps
Boron	10-1	4931	5194	4971	5032	2.82	cps
Boron	11-1	22403	23428	23792	23207	3.10	cps
Bromine	81-1	52098	53460	54384	53314	2.16	cps
Bromine	81-2	3394	3687	3567	3549	4.16	cps
Cadmium	111-1	11922	11609	11235	11588	2.97	cps
Cadmium	106-1	15505	15522	14714	15247	3.03	cps
Cadmium	108-1	1227	1333	1260	1273	4.29	cps
Calcium	43-1	350710	350520	349026	350085	0.26	cps
Calcium	44-1	5225273	5289571	5196676	5237173	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	655092	653422	650742	653085	0.34	cps
Cobalt	59-2	747712	746280	749395	747796	0.21	cps
Copper	63-2	1497843	1505685	1497942	1500490	0.30	cps
Dysprosium	156-1	698891	704456	698345	700564	0.48	cps
Dysprosium	156-2	519519	521609	514174	518434	0.74	cps
Erbium	164-1	712711	713502	709139	711784	0.33	cps
Erbium	164-2	498162	501161	498231	499184	0.34	cps
Gadolinium	160-1	650204	656212	642099	649505	1.09	cps
Gadolinium	160-2	477297	481132	477174	478534	0.47	cps
Holmium	165-1	15560936	15455041	15439752	15485243	0.43	cps
Holmium	165-2	10822217	10832397	10968069	10874227	0.75	cps
Indium	115-1	11960210	11870812	11854758	11895260	0.48	cps
Indium	115-2	4109731	4141652	4148421	4133268	0.50	cps
Iron	56-2	956246839	955238039	950869533	954118137	0.30	cps
Iron	57-2	23334975	23417516	23559158	23437216	0.48	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18	Instrumnet Name :	P7
Client Sample ID :	CF-20	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:42:29	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	52518404	52525653	52361108	52468388	0.18	cps
Krypton	83-1	1670	1650	1733	1685	2.58	cps
Lead	206-1	618984	611063	615348	615132	0.64	cps
Lead	207-1	481362	486852	478126	482113	0.91	cps
Lead	208-1	2335955	2335795	2329692	2333814	0.15	cps
Lithium	6-1	5315687	5479590	5369578	5388285	1.55	cps
Magnesium	24-2	12997852	12766326	12945306	12903161	0.94	cps
Manganese	55-2	20863413	21113259	20871446	20949373	0.68	cps
Molybdenum	94-1	420839	420860	416040	419246	0.66	cps
Molybdenum	95-1	16363	16883	16423	16556	1.72	cps
Molybdenum	96-1	106659	105655	105608	105974	0.56	cps
Molybdenum	97-1	9747	9400	9186	9444	2.99	cps
Molybdenum	98-1	23743	24030	23836	23870	0.61	cps
Neodymium	150-1	1010554	1017000	1008215	1011923	0.45	cps
Neodymium	150-2	596846	600087	601151	599361	0.37	cps
Nickel	60-2	182847	184098	184935	183960	0.57	cps
Phosphorus	31-2	87454	88266	88095	87939	0.49	cps
Potassium	39-2	3769739	3843514	3828100	3813784	1.02	cps
Rhodium	103-1	11240204	11037437	10973555	11083732	1.26	cps
Rhodium	103-2	6439260	6430734	6614886	6494960	1.60	cps
Scandium	45-1	11134754	11104721	10949797	11063091	0.90	cps
Scandium	45-2	861721	856545	860625	859630	0.32	cps
Selenium	82-1	1419	1450	1388	1419	2.20	cps
Selenium	77-2	2170	2330	2097	2199	5.43	cps
Selenium	78-2	2190	2120	2257	2189	3.12	cps
Silicon	28-1	90831315	94165949	91979609	92325624	1.83	cps
Silver	107-1	4337	4291	4234	4287	1.21	cps
Silver	109-1	3350	3324	3197	3290	2.49	cps
Sodium	23-2	1155795	1161679	1164121	1160532	0.37	cps
Strontium	86-1	313022	312110	309361	311498	0.61	cps
Strontium	88-1	2705019	2718758	2741807	2721861	0.68	cps
Sulfur	34-1	348322	352181	351979	350827	0.62	cps
Terbium	159-1	16242931	16184384	15689009	16038775	1.90	cps
Terbium	159-2	11047955	10882360	10946371	10958895	0.76	cps
Thallium	203-1	8946	8970	8336	8751	4.11	cps
Thallium	205-1	20709	21454	20405	20856	2.59	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18	Instrumnet Name :	P7
Client Sample ID :	CF-20	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:42:29	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	45843	47565	46054	46487	2.02	cps
Titanium	47-1	7251792	7464567	7278158	7331505	1.58	cps
Uranium	238-1	297791	298963	293913	296889	0.89	cps
Vanadium	51-2	1011897	1020594	1012993	1015161	0.47	cps
Yttrium	89-1	30878760	30703579	30547811	30710050	0.54	cps
Yttrium	89-2	7337921	7190535	7354761	7294406	1.24	cps
Zinc	66-2	342646	340499	341350	341498	0.32	cps
Zirconium	90-1	1148105	1153585	1140291	1147327	0.58	cps
Zirconium	91-1	250997	253626	251809	252144	0.53	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:45:31	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12906078	12503544	12885460	12765027	1.78	cps
Antimony	121-1	300	280	263	281	6.53	cps
Arsenic	75-2	2264	2480	2657	2467	7.99	cps
Barium	135-1	541636	542814	537934	540795	0.47	cps
Barium	137-1	912058	916362	928809	919076	0.95	cps
Beryllium	9-1	5554	5464	5598	5539	1.23	cps
Bismuth	209-1	8753485	8789032	8762601	8768373	0.21	cps
Bismuth	209-2	7831264	7763646	7690138	7761683	0.91	cps
Boron	10-1	2274	2447	2157	2292	6.37	cps
Boron	11-1	10934	10600	10367	10634	2.68	cps
Bromine	81-1	45256	45423	45223	45301	0.24	cps
Bromine	81-2	790	853	823	822	3.85	cps
Cadmium	111-1	6289	6161	6240	6230	1.04	cps
Cadmium	106-1	8649	8566	8773	8663	1.20	cps
Cadmium	108-1	193	293	273	253	20.89	cps
Calcium	43-1	63526	64861	65527	64638	1.58	cps
Calcium	44-1	1034197	1037576	1040208	1037327	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124479	123561	124845	124295	0.53	cps
Cobalt	59-2	144229	144040	144063	144111	0.07	cps
Copper	63-2	295585	293626	294754	294655	0.33	cps
Dysprosium	156-1	129495	128664	129461	129207	0.36	cps
Dysprosium	156-2	95788	96533	97097	96472	0.68	cps
Erbium	164-1	128101	131439	129318	129619	1.30	cps
Erbium	164-2	92467	92172	92447	92362	0.18	cps
Gadolinium	160-1	118523	119914	119471	119303	0.60	cps
Gadolinium	160-2	90131	90393	89309	89944	0.63	cps
Holmium	165-1	14231254	14140552	14322489	14231432	0.64	cps
Holmium	165-2	10154231	10166812	10281343	10200795	0.69	cps
Indium	115-1	11439183	11393403	11436795	11423127	0.23	cps
Indium	115-2	4035866	4039630	4041715	4039070	0.07	cps
Iron	56-2	182017717	180394877	180204217	180872271	0.55	cps
Iron	57-2	4437276	4476270	4383684	4432410	1.05	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:45:31	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10077319	9963952	10073455	10038242	0.64	cps
Krypton	83-1	517	573	543	544	5.21	cps
Lead	206-1	114918	114682	115633	115078	0.43	cps
Lead	207-1	89986	90435	89590	90004	0.47	cps
Lead	208-1	436178	434958	436645	435927	0.20	cps
Lithium	6-1	5091818	5095075	5209833	5132242	1.31	cps
Magnesium	24-2	2472626	2464857	2427549	2455011	0.98	cps
Manganese	55-2	4013217	3902603	3989491	3968437	1.47	cps
Molybdenum	94-1	75959	77279	76706	76648	0.86	cps
Molybdenum	95-1	3127	3200	3254	3194	1.99	cps
Molybdenum	96-1	19133	19894	20067	19698	2.52	cps
Molybdenum	97-1	1773	1903	1863	1847	3.61	cps
Molybdenum	98-1	4644	4764	4374	4594	4.35	cps
Neodymium	150-1	182654	185376	186033	184688	0.97	cps
Neodymium	150-2	111944	111185	112273	111801	0.50	cps
Nickel	60-2	35592	35692	36250	35845	0.99	cps
Phosphorus	31-2	16476	16759	16783	16672	1.03	cps
Potassium	39-2	812345	810761	810272	811126	0.13	cps
Rhodium	103-1	10919341	11001575	11005575	10975497	0.44	cps
Rhodium	103-2	6525406	6442243	6561303	6509651	0.94	cps
Scandium	45-1	9158723	9297336	9022661	9159574	1.50	cps
Scandium	45-2	725509	722461	730196	726055	0.54	cps
Selenium	82-1	334	265	323	307	12.09	cps
Selenium	77-2	420	427	393	413	4.27	cps
Selenium	78-2	700	603	610	638	8.47	cps
Silicon	28-1	17601933	17678592	17422124	17567550	0.75	cps
Silver	107-1	943	843	980	922	7.67	cps
Silver	109-1	660	700	703	688	3.51	cps
Sodium	23-2	240683	239640	241581	240635	0.40	cps
Strontium	86-1	56779	58124	58419	57774	1.51	cps
Strontium	88-1	491748	497520	502440	497236	1.08	cps
Sulfur	34-1	299375	305497	297090	300654	1.45	cps
Terbium	159-1	14677718	14831145	14627546	14712136	0.72	cps
Terbium	159-2	10224997	10150227	10413067	10262763	1.32	cps
Thallium	203-1	1833	1820	1717	1790	3.57	cps
Thallium	205-1	4207	4204	4164	4192	0.58	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:45:31	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	8429	8899	8926	8752	3.19	cps
Titanium	47-1	1343640	1335552	1355670	1344954	0.75	cps
Uranium	238-1	53707	54777	54460	54314	1.01	cps
Vanadium	51-2	188852	188299	190378	189177	0.57	cps
Yttrium	89-1	20766107	20895495	21263774	20975125	1.23	cps
Yttrium	89-2	5128903	5045550	5127370	5100608	0.93	cps
Zinc	66-2	64619	65255	65707	65194	0.84	cps
Zirconium	90-1	208060	211051	213411	210841	1.27	cps
Zirconium	91-1	45825	45754	47072	46217	1.60	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DUP	Instrumnet Name :	P7
Client Sample ID :	CF-20DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:48:43	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67537247	67884722	67105186	67509052	0.58	cps
Antimony	121-1	850	870	803	841	4.07	cps
Arsenic	75-2	13490	13763	13113	13455	2.43	cps
Barium	135-1	3028628	2985182	2996439	3003416	0.75	cps
Barium	137-1	5095378	5093960	5069583	5086307	0.29	cps
Beryllium	9-1	28944	29034	28720	28899	0.56	cps
Bismuth	209-1	9092409	8785723	8760353	8879495	2.08	cps
Bismuth	209-2	7802148	7796196	7804354	7800899	0.05	cps
Boron	10-1	4074	4291	4377	4247	3.68	cps
Boron	11-1	19653	20290	20010	19984	1.60	cps
Bromine	81-1	51961	53416	56096	53825	3.90	cps
Bromine	81-2	3600	3354	3547	3500	3.71	cps
Cadmium	111-1	11634	11761	11786	11727	0.70	cps
Cadmium	106-1	15395	15402	15685	15494	1.07	cps
Cadmium	108-1	1357	1287	1433	1359	5.40	cps
Calcium	43-1	345417	348565	341089	345024	1.09	cps
Calcium	44-1	5147129	5156220	5205470	5169606	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	655264	657680	655455	656133	0.20	cps
Cobalt	59-2	754481	756908	751571	754320	0.35	cps
Copper	63-2	1493206	1507248	1486296	1495583	0.71	cps
Dysprosium	156-1	706541	703817	698506	702955	0.58	cps
Dysprosium	156-2	515199	519013	523687	519299	0.82	cps
Erbium	164-1	711729	709866	707367	709654	0.31	cps
Erbium	164-2	498006	496578	503526	499370	0.73	cps
Gadolinium	160-1	657208	645104	649991	650767	0.94	cps
Gadolinium	160-2	478814	481083	482225	480707	0.36	cps
Holmium	165-1	15744303	15651981	15275944	15557409	1.59	cps
Holmium	165-2	10932554	10966887	10835390	10911610	0.63	cps
Indium	115-1	12067994	11898356	11837886	11934745	1.00	cps
Indium	115-2	4194582	4150596	4129085	4158088	0.80	cps
Iron	56-2	963966226	964225106	965292359	964494563	0.07	cps
Iron	57-2	23613731	23648125	23444367	23568741	0.46	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DUP	Instrumnet Name :	P7
Client Sample ID :	CF-20DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:48:43	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	52891279	52696936	53042051	52876755	0.33	cps
Krypton	83-1	1697	1840	1670	1736	5.27	cps
Lead	206-1	617981	616235	608176	614131	0.85	cps
Lead	207-1	477674	482506	473911	478030	0.90	cps
Lead	208-1	2330583	2329116	2305720	2321806	0.60	cps
Lithium	6-1	5501692	5284723	5462179	5416198	2.13	cps
Magnesium	24-2	13058727	13128529	12942886	13043381	0.72	cps
Manganese	55-2	21125424	21211863	21173139	21170142	0.20	cps
Molybdenum	94-1	419627	418883	417349	418620	0.28	cps
Molybdenum	95-1	15712	15735	15975	15808	0.92	cps
Molybdenum	96-1	105108	106169	105692	105656	0.50	cps
Molybdenum	97-1	9610	9543	9446	9533	0.86	cps
Molybdenum	98-1	23052	23208	22945	23068	0.57	cps
Neodymium	150-1	1019110	1023969	1007246	1016775	0.85	cps
Neodymium	150-2	602928	603544	609683	605385	0.62	cps
Nickel	60-2	183339	184527	184766	184211	0.41	cps
Phosphorus	31-2	89104	88286	86952	88114	1.23	cps
Potassium	39-2	3804899	3773856	3707248	3762001	1.33	cps
Rhodium	103-1	11225062	11235397	11039770	11166743	0.99	cps
Rhodium	103-2	6606710	6514950	6527547	6549736	0.76	cps
Scandium	45-1	11277837	11353862	11179570	11270423	0.78	cps
Scandium	45-2	871401	865106	864700	867069	0.43	cps
Selenium	82-1	1349	1197	1301	1282	6.05	cps
Selenium	77-2	2274	2127	2117	2172	4.04	cps
Selenium	78-2	2140	2204	2294	2212	3.48	cps
Silicon	28-1	92127379	91330825	91179429	91545878	0.56	cps
Silver	107-1	4014	4027	4014	4018	0.19	cps
Silver	109-1	2970	3120	3210	3100	3.91	cps
Sodium	23-2	1053871	1058074	1048614	1053520	0.45	cps
Strontium	86-1	311106	313772	310092	311656	0.61	cps
Strontium	88-1	2724294	2710001	2694920	2709738	0.54	cps
Sulfur	34-1	344960	345943	348189	346364	0.48	cps
Terbium	159-1	16113426	15995563	15864931	15991307	0.78	cps
Terbium	159-2	10998477	10876220	10978161	10950953	0.60	cps
Thallium	203-1	8963	8576	8569	8703	2.59	cps
Thallium	205-1	21350	20415	20252	20672	2.87	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DUP	Instrumnet Name :	P7
Client Sample ID :	CF-20DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 16:48:43	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	36039	35731	35337	35702	0.99	cps
Titanium	47-1	7327123	7314216	7354708	7332015	0.28	cps
Uranium	238-1	297515	302053	296142	298570	1.04	cps
Vanadium	51-2	1024524	1032380	1018454	1025119	0.68	cps
Yttrium	89-1	31085532	30906065	30820526	30937374	0.44	cps
Yttrium	89-2	7344849	7352626	7293205	7330227	0.44	cps
Zinc	66-2	334594	334709	332058	333787	0.45	cps
Zirconium	90-1	1150584	1157461	1153020	1153688	0.30	cps
Zirconium	91-1	251995	252887	253242	252708	0.25	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:51:46	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12831683	12690873	12621925	12714827	0.84	cps
Antimony	121-1	240	220	230	230	4.35	cps
Arsenic	75-2	2697	2717	2444	2619	5.82	cps
Barium	135-1	537923	542030	541198	540384	0.40	cps
Barium	137-1	914126	922032	919052	918403	0.43	cps
Beryllium	9-1	5398	5414	5088	5300	3.47	cps
Bismuth	209-1	8891448	8722975	8664868	8759764	1.34	cps
Bismuth	209-2	7663207	7805624	7843627	7770819	1.22	cps
Boron	10-1	2097	2057	1957	2037	3.54	cps
Boron	11-1	9249	8996	8846	9030	2.26	cps
Bromine	81-1	46142	46560	47152	46618	1.09	cps
Bromine	81-2	880	813	887	860	4.72	cps
Cadmium	111-1	6396	6387	6247	6343	1.32	cps
Cadmium	106-1	8963	8823	8763	8849	1.16	cps
Cadmium	108-1	250	237	287	258	10.04	cps
Calcium	43-1	62786	63291	62571	62883	0.59	cps
Calcium	44-1	1009355	1029222	1023623	1020733	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124949	124623	124687	124753	0.14	cps
Cobalt	59-2	143663	142573	145282	143839	0.95	cps
Copper	63-2	295211	295998	293950	295053	0.35	cps
Dysprosium	156-1	127322	128098	126874	127431	0.49	cps
Dysprosium	156-2	97341	96593	96922	96952	0.39	cps
Erbium	164-1	127355	131610	129972	129646	1.66	cps
Erbium	164-2	93339	93433	93319	93364	0.07	cps
Gadolinium	160-1	118106	118987	120839	119311	1.17	cps
Gadolinium	160-2	90953	89748	88708	89803	1.25	cps
Holmium	165-1	14445007	14284764	14107744	14279172	1.18	cps
Holmium	165-2	10158959	10211649	10218225	10196278	0.32	cps
Indium	115-1	11647021	11537926	11282300	11489082	1.63	cps
Indium	115-2	4061261	4047457	4076633	4061784	0.36	cps
Iron	56-2	182707357	183871551	182593164	183057357	0.39	cps
Iron	57-2	4480303	4493935	4440205	4471481	0.62	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:51:46	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10079814	9980108	10016285	10025402	0.50	cps
Krypton	83-1	500	533	513	516	3.25	cps
Lead	206-1	112380	115879	114629	114296	1.55	cps
Lead	207-1	88258	89496	90368	89374	1.19	cps
Lead	208-1	430195	438828	435042	434688	1.00	cps
Lithium	6-1	5183572	5120928	4961686	5088729	2.25	cps
Magnesium	24-2	2513188	2428304	2422617	2454703	2.07	cps
Manganese	55-2	4002120	3967405	3964851	3978125	0.52	cps
Molybdenum	94-1	76053	76100	76298	76150	0.17	cps
Molybdenum	95-1	2824	3004	3077	2968	4.39	cps
Molybdenum	96-1	19807	19640	19800	19749	0.48	cps
Molybdenum	97-1	1697	1850	1817	1788	4.51	cps
Molybdenum	98-1	4494	4274	4431	4400	2.58	cps
Neodymium	150-1	186292	186372	183475	185380	0.89	cps
Neodymium	150-2	114037	111504	112885	112809	1.12	cps
Nickel	60-2	36023	35148	35763	35645	1.26	cps
Phosphorus	31-2	16239	16933	16643	16605	2.10	cps
Potassium	39-2	799071	797272	797836	798060	0.12	cps
Rhodium	103-1	11141864	10949940	10994522	11028775	0.91	cps
Rhodium	103-2	6571936	6539284	6524880	6545367	0.37	cps
Scandium	45-1	9391216	9317965	9072299	9260493	1.80	cps
Scandium	45-2	733124	731480	734007	732871	0.17	cps
Selenium	82-1	354	319	277	317	12.26	cps
Selenium	77-2	437	390	447	424	7.13	cps
Selenium	78-2	673	693	617	661	6.02	cps
Silicon	28-1	17075039	17837696	17252314	17388349	2.30	cps
Silver	107-1	833	853	887	858	3.14	cps
Silver	109-1	650	650	620	640	2.71	cps
Sodium	23-2	218498	216525	217903	217642	0.47	cps
Strontium	86-1	56341	58231	58084	57552	1.83	cps
Strontium	88-1	492861	497699	496694	495751	0.51	cps
Sulfur	34-1	299218	296524	298433	298059	0.46	cps
Terbium	159-1	15023139	14960105	14750554	14911266	0.96	cps
Terbium	159-2	10546966	10191987	10319013	10352655	1.74	cps
Thallium	203-1	1790	1717	1800	1769	2.57	cps
Thallium	205-1	3994	4117	4027	4046	1.58	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:51:46	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	6985	7585	7399	7323	4.20	cps
Titanium	47-1	1321862	1341537	1353363	1338921	1.19	cps
Uranium	238-1	54041	53968	55055	54355	1.12	cps
Vanadium	51-2	191799	189261	189385	190148	0.75	cps
Yttrium	89-1	21345252	21006350	21043160	21131587	0.88	cps
Yttrium	89-2	5171190	5095679	5056375	5107748	1.14	cps
Zinc	66-2	64227	64023	65057	64436	0.85	cps
Zirconium	90-1	206481	209303	211146	208977	1.12	cps
Zirconium	91-1	44805	45597	46273	45558	1.61	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18LX5	Instrumnet Name :	P7
Client Sample ID :	CF-20L	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:54:57	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12766357	12537561	12642951	12648956	0.91	cps
Antimony	121-1	240	207	257	234	10.86	cps
Arsenic	75-2	2737	2440	2454	2544	6.59	cps
Barium	135-1	533797	542549	544949	540432	1.09	cps
Barium	137-1	900778	919075	911938	910597	1.01	cps
Beryllium	9-1	5334	5414	5521	5423	1.73	cps
Bismuth	209-1	8954509	8949181	8725306	8876332	1.47	cps
Bismuth	209-2	7786477	7778880	7805374	7790244	0.18	cps
Boron	10-1	1857	1813	1807	1826	1.49	cps
Boron	11-1	8209	8149	8509	8289	2.33	cps
Bromine	81-1	46179	46453	45928	46187	0.57	cps
Bromine	81-2	727	847	830	801	8.11	cps
Cadmium	111-1	6326	6253	6245	6275	0.71	cps
Cadmium	106-1	8843	8716	8686	8748	0.95	cps
Cadmium	108-1	263	273	217	251	12.05	cps
Calcium	43-1	63412	64663	64369	64148	1.02	cps
Calcium	44-1	1015495	1039179	1031446	1028707	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124797	125211	124169	124726	0.42	cps
Cobalt	59-2	143310	144114	144221	143882	0.35	cps
Copper	63-2	295839	294130	294388	294786	0.31	cps
Dysprosium	156-1	124856	127698	127933	126829	1.35	cps
Dysprosium	156-2	95808	96341	96415	96188	0.34	cps
Erbium	164-1	126739	131190	129551	129160	1.74	cps
Erbium	164-2	93785	92078	91631	92498	1.23	cps
Gadolinium	160-1	118769	119932	119683	119461	0.51	cps
Gadolinium	160-2	90447	89014	88997	89486	0.93	cps
Holmium	165-1	14312977	14275232	14061174	14216461	0.96	cps
Holmium	165-2	10249660	10456913	10233571	10313382	1.21	cps
Indium	115-1	11468215	11420428	11445128	11444590	0.21	cps
Indium	115-2	4076105	4103972	4084260	4088113	0.35	cps
Iron	56-2	182249384	178566451	182817504	181211113	1.27	cps
Iron	57-2	4493153	4385279	4461213	4446548	1.25	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18LX5	Instrumnet Name :	P7
Client Sample ID :	CF-20L	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:54:57	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9996462	10050544	10116523	10054510	0.60	cps
Krypton	83-1	573	527	490	530	7.88	cps
Lead	206-1	111762	113502	114087	113117	1.07	cps
Lead	207-1	87208	90006	89194	88802	1.62	cps
Lead	208-1	427928	435691	433333	432317	0.92	cps
Lithium	6-1	5108778	5224211	5095482	5142824	1.38	cps
Magnesium	24-2	2416709	2378789	2456425	2417308	1.61	cps
Manganese	55-2	3975670	3912322	4000340	3962777	1.15	cps
Molybdenum	94-1	74991	76579	76425	75998	1.15	cps
Molybdenum	95-1	2840	3057	2954	2950	3.67	cps
Molybdenum	96-1	19246	19199	20081	19509	2.54	cps
Molybdenum	97-1	1750	1927	1863	1847	4.85	cps
Molybdenum	98-1	4221	4591	4247	4353	4.74	cps
Neodymium	150-1	183334	187133	186751	185739	1.13	cps
Neodymium	150-2	112989	111941	112370	112433	0.47	cps
Nickel	60-2	34677	35539	35181	35132	1.23	cps
Phosphorus	31-2	16776	16676	16906	16786	0.69	cps
Potassium	39-2	816228	805020	816008	812419	0.79	cps
Rhodium	103-1	11160532	11067052	10995399	11074328	0.75	cps
Rhodium	103-2	6592621	6569848	6579287	6580585	0.17	cps
Scandium	45-1	9146461	9211038	9288045	9215181	0.77	cps
Scandium	45-2	734707	737949	733735	735464	0.30	cps
Selenium	82-1	255	334	354	314	16.68	cps
Selenium	77-2	473	390	417	427	9.97	cps
Selenium	78-2	787	753	653	731	9.49	cps
Silicon	28-1	17203106	17284644	17121248	17202999	0.47	cps
Silver	107-1	850	910	993	918	7.84	cps
Silver	109-1	567	617	693	626	10.20	cps
Sodium	23-2	243533	241150	240462	241715	0.67	cps
Strontium	86-1	56521	57565	57706	57264	1.13	cps
Strontium	88-1	488883	499252	496088	494741	1.07	cps
Sulfur	34-1	294256	295514	295318	295029	0.23	cps
Terbium	159-1	15215735	14861169	14908637	14995180	1.28	cps
Terbium	159-2	10364885	10454132	10280107	10366375	0.84	cps
Thallium	203-1	1750	1770	1633	1718	4.30	cps
Thallium	205-1	3911	4147	4141	4066	3.32	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18LX5	Instrumnet Name :	P7
Client Sample ID :	CF-20L	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 16:54:57	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	9153	9086	9006	9082	0.81	cps
Titanium	47-1	1332382	1343401	1322421	1332735	0.79	cps
Uranium	238-1	53710	54125	53931	53922	0.39	cps
Vanadium	51-2	189622	186834	189143	188533	0.79	cps
Yttrium	89-1	21006659	21064335	21014207	21028401	0.15	cps
Yttrium	89-2	5067200	5196002	5062733	5108645	1.48	cps
Zinc	66-2	63983	65322	66002	65102	1.58	cps
Zirconium	90-1	204752	210011	209060	207941	1.35	cps
Zirconium	91-1	45303	45688	45942	45644	0.70	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:01:31	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16578880	16309747	16563954	16484194	0.92	cps
Antimony	121-1	4326537	4405357	4416597	4382830	1.12	cps
Arsenic	75-2	278442	274047	279418	277302	1.03	cps
Barium	135-1	6573579	6803505	6664175	6680420	1.73	cps
Barium	137-1	11279066	11450934	11327874	11352625	0.78	cps
Beryllium	9-1	1567271	1575884	1596404	1579853	0.95	cps
Bismuth	209-1	7489510	7388364	7320996	7399623	1.15	cps
Bismuth	209-2	6574948	6482542	6475987	6511159	0.85	cps
Boron	10-1	294418	311309	318813	308180	4.05	cps
Boron	11-1	1346628	1425746	1461291	1411222	4.16	cps
Bromine	81-1	40228	41475	40492	40732	1.61	cps
Bromine	81-2	120	77	123	107	24.41	cps
Cadmium	111-1	1251797	1279899	1281382	1271026	1.31	cps
Cadmium	106-1	151458	153082	152587	152375	0.55	cps
Cadmium	108-1	101069	101586	103254	101970	1.12	cps
Calcium	43-1	9897149	10044765	9840956	9927623	1.06	cps
Calcium	44-1	153816711	156184794	155640608	155214038	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2691272	2633997	2649784	2658351	1.11	cps
Cobalt	59-2	4133138	4122952	4172945	4143012	0.64	cps
Copper	63-2	28267320	28242246	28524290	28344619	0.55	cps
Dysprosium	156-1	1380	1373	1300	1351	3.29	cps
Dysprosium	156-2	1107	1240	1060	1136	8.23	cps
Erbium	164-1	193	167	140	167	16.00	cps
Erbium	164-2	157	133	160	150	9.68	cps
Gadolinium	160-1	1327	1443	1410	1393	4.31	cps
Gadolinium	160-2	1500	1577	1403	1493	5.82	cps
Holmium	165-1	13091973	13190204	13169120	13150432	0.39	cps
Holmium	165-2	9697482	9493736	9437100	9542772	1.44	cps
Indium	115-1	10344593	10019403	9900990	10088329	2.28	cps
Indium	115-2	3578550	3606152	3601388	3595363	0.41	cps
Iron	56-2	578984591	577829698	570709072	575841120	0.78	cps
Iron	57-2	14252232	14269897	14037541	14186557	0.91	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:01:31	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	31641804	31813335	31660049	31705062	0.30	cps
Krypton	83-1	340	300	287	309	8.99	cps
Lead	206-1	20485696	21195524	21202397	20961206	1.96	cps
Lead	207-1	18290874	18838262	18974118	18701084	1.93	cps
Lead	208-1	83009609	84527144	85064990	84200581	1.27	cps
Lithium	6-1	4813586	4768726	4613191	4731834	2.22	cps
Magnesium	24-2	153397548	154264448	155350051	154337349	0.63	cps
Manganese	55-2	19939359	19752366	19743498	19811741	0.56	cps
Molybdenum	94-1	21083605	21109821	20993284	21062237	0.29	cps
Molybdenum	95-1	30915915	31135443	30937224	30996194	0.39	cps
Molybdenum	96-1	32744645	33439643	33266402	33150230	1.09	cps
Molybdenum	97-1	18860227	19072106	19099514	19010615	0.69	cps
Molybdenum	98-1	48823311	49129544	48445314	48799390	0.70	cps
Neodymium	150-1	907	790	843	847	6.90	cps
Neodymium	150-2	220	197	220	212	6.35	cps
Nickel	60-2	1026558	1021052	1023340	1023650	0.27	cps
Phosphorus	31-2	177961	176730	178268	177653	0.46	cps
Potassium	39-2	78493157	78972825	79650665	79038883	0.74	cps
Rhodium	103-1	9442719	9256812	9225073	9308201	1.26	cps
Rhodium	103-2	5565572	5474093	5446477	5495380	1.13	cps
Scandium	45-1	8351475	8271749	8221285	8281503	0.79	cps
Scandium	45-2	659839	659790	649444	656358	0.91	cps
Selenium	82-1	104519	106392	105832	105581	0.91	cps
Selenium	77-2	10384	10234	10260	10293	0.78	cps
Selenium	78-2	33618	33969	34223	33937	0.89	cps
Silicon	28-1	27919806	28254734	28738487	28304342	1.45	cps
Silver	107-1	6422549	6572511	6606744	6533935	1.50	cps
Silver	109-1	6166905	6272463	6262354	6233908	0.93	cps
Sodium	23-2	246190103	244028750	248394936	246204596	0.89	cps
Strontium	86-1	49672786	50243221	49869286	49928431	0.58	cps
Strontium	88-1	433951380	442005393	438930513	438295762	0.93	cps
Sulfur	34-1	1040069	1050689	1047027	1045928	0.52	cps
Terbium	159-1	13754434	13537785	13552318	13614846	0.89	cps
Terbium	159-2	9536932	9656373	9532726	9575344	0.73	cps
Thallium	203-1	5068235	5127934	5173558	5123242	1.03	cps
Thallium	205-1	12009164	12271688	12367431	12216094	1.52	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:01:31	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4302202	4457522	4325557	4361760	1.92	cps
Titanium	47-1	9465726	9537954	9591693	9531791	0.66	cps
Uranium	238-1	16870242	17563903	17570605	17334917	2.32	cps
Vanadium	51-2	2321287	2348071	2342078	2337145	0.60	cps
Yttrium	89-1	17742786	17699831	17700418	17714345	0.14	cps
Yttrium	89-2	4396666	4264407	4269738	4310270	1.74	cps
Zinc	66-2	4119119	4082303	4057408	4086277	0.76	cps
Zirconium	90-1	10386446	10582384	10641637	10536822	1.27	cps
Zirconium	91-1	2330166	2317149	2327675	2324997	0.30	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:07:02	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	943	920	1007	957	4.69	cps
Antimony	121-1	1013	1197	1317	1176	13.00	cps
Arsenic	75-2	13	7	17	12	41.65	cps
Barium	135-1	180	123	167	157	18.91	cps
Barium	137-1	340	277	297	304	10.64	cps
Beryllium	9-1	120	210	177	169	26.94	cps
Bismuth	209-1	9085915	8880106	8910845	8958955	1.24	cps
Bismuth	209-2	7900964	7764458	7833470	7832964	0.87	cps
Boron	10-1	5271	5044	4764	5026	5.05	cps
Boron	11-1	24727	23421	22146	23431	5.51	cps
Bromine	81-1	42879	43374	43504	43252	0.76	cps
Bromine	81-2	63	60	57	60	5.55	cps
Cadmium	111-1	4995	5032	4997	5008	0.42	cps
Cadmium	106-1	7092	7125	7078	7098	0.34	cps
Cadmium	108-1	23	13	17	18	28.64	cps
Calcium	43-1	357	347	373	359	3.75	cps
Calcium	44-1	17044	16504	16244	16597	2.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1867	1540	1510	1639	12.07	cps
Cobalt	59-2	173	127	153	151	15.49	cps
Copper	63-2	2007	2000	2033	2013	0.88	cps
Dysprosium	156-1	27	10	23	20	44.10	cps
Dysprosium	156-2	17	20	7	14	48.02	cps
Erbium	164-1	163	93	133	130	27.02	cps
Erbium	164-2	93	70	70	78	17.32	cps
Gadolinium	160-1	73	70	83	76	9.18	cps
Gadolinium	160-2	533	527	493	518	4.14	cps
Holmium	165-1	14403278	13790136	13692972	13962129	2.76	cps
Holmium	165-2	10062633	9896251	10034973	9997952	0.89	cps
Indium	115-1	11656346	11312948	11407334	11458876	1.55	cps
Indium	115-2	4079428	4066970	4096921	4081106	0.37	cps
Iron	56-2	39007	38526	38155	38563	1.11	cps
Iron	57-2	1223	1093	1097	1138	6.51	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:07:02	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3877	3714	3721	3771	2.45	cps
Krypton	83-1	273	300	240	271	11.09	cps
Lead	206-1	867	700	727	764	11.71	cps
Lead	207-1	673	680	637	663	3.52	cps
Lead	208-1	3254	3020	3010	3095	4.45	cps
Lithium	6-1	5324815	5237646	5202643	5255035	1.20	cps
Magnesium	24-2	3781	3437	3524	3580	4.99	cps
Manganese	55-2	723	767	737	742	2.99	cps
Molybdenum	94-1	963	897	1013	958	6.11	cps
Molybdenum	95-1	1320	1137	1033	1163	12.48	cps
Molybdenum	96-1	1470	1203	1163	1279	13.04	cps
Molybdenum	97-1	800	657	630	696	13.14	cps
Molybdenum	98-1	1950	1640	1480	1690	14.14	cps
Neodymium	150-1	27	23	43	31	34.44	cps
Neodymium	150-2	23	17	3	14	70.51	cps
Nickel	60-2	40	80	87	69	36.64	cps
Phosphorus	31-2	580	583	487	550	9.98	cps
Potassium	39-2	74458	73821	73640	73973	0.58	cps
Rhodium	103-1	11383862	11078702	10963344	11141970	1.95	cps
Rhodium	103-2	6645695	6631326	6502756	6593259	1.19	cps
Scandium	45-1	9091484	8779939	8735347	8868923	2.19	cps
Scandium	45-2	699734	696437	700225	698799	0.29	cps
Selenium	82-1	71	47	92	70	32.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	353	307	370	343	9.56	cps
Silicon	28-1	662557	664087	674142	666928	0.94	cps
Silver	107-1	440	440	433	438	0.88	cps
Silver	109-1	357	280	357	331	13.37	cps
Sodium	23-2	38655	39147	38906	38903	0.63	cps
Strontium	86-1	1433	1200	1327	1320	8.85	cps
Strontium	88-1	9033	8222	8276	8510	5.33	cps
Sulfur	34-1	335028	330900	330852	332260	0.72	cps
Terbium	159-1	14704813	14615697	14377155	14565888	1.16	cps
Terbium	159-2	10191723	10031500	10081972	10101732	0.81	cps
Thallium	203-1	307	300	293	300	2.22	cps
Thallium	205-1	697	867	737	767	11.59	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:07:02	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	943	820	977	913	9.04	cps
Titanium	47-1	397	373	387	386	3.04	cps
Uranium	238-1	320	260	260	280	12.37	cps
Vanadium	51-2	53	43	70	56	24.25	cps
Yttrium	89-1	19391376	18676761	18395095	18821077	2.73	cps
Yttrium	89-2	4603913	4540188	4568065	4570722	0.70	cps
Zinc	66-2	507	480	493	493	2.70	cps
Zirconium	90-1	1060	960	1077	1032	6.11	cps
Zirconium	91-1	190	183	220	198	9.87	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18LDLX25	Instrumnet Name :	P7
Client Sample ID :	CF-20LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-15 17:10:17	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2637003	2646890	2642396	2642096	0.19	cps
Antimony	121-1	393	423	570	462	20.45	cps
Arsenic	75-2	573	553	523	550	4.58	cps
Barium	135-1	108846	109508	110172	109508	0.61	cps
Barium	137-1	185247	185829	186803	185960	0.42	cps
Beryllium	9-1	1327	1253	1207	1262	4.79	cps
Bismuth	209-1	8889908	8954613	9007891	8950804	0.66	cps
Bismuth	209-2	7822939	7880713	7825041	7842898	0.42	cps
Boron	10-1	3740	3194	3210	3382	9.20	cps
Boron	11-1	16409	15862	15241	15837	3.69	cps
Bromine	81-1	42916	45249	45754	44640	3.39	cps
Bromine	81-2	240	230	203	224	8.44	cps
Cadmium	111-1	5695	5160	5515	5457	4.99	cps
Cadmium	106-1	8066	7325	7802	7731	4.85	cps
Cadmium	108-1	63	87	57	69	22.87	cps
Calcium	43-1	13286	13379	13733	13466	1.75	cps
Calcium	44-1	221428	225223	224909	223854	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27255	27305	27028	27196	0.54	cps
Cobalt	59-2	29666	29726	30197	29863	0.97	cps
Copper	63-2	61861	63447	61777	62361	1.51	cps
Dysprosium	156-1	25553	26442	26372	26122	1.89	cps
Dysprosium	156-2	19217	20034	19627	19626	2.08	cps
Erbium	164-1	25483	25924	26642	26016	2.25	cps
Erbium	164-2	18659	18673	19010	18781	1.06	cps
Gadolinium	160-1	23770	24351	25193	24438	2.93	cps
Gadolinium	160-2	18459	19147	18973	18859	1.90	cps
Holmium	165-1	13941439	14143602	13807159	13964067	1.21	cps
Holmium	165-2	10179451	10055637	10149122	10128070	0.64	cps
Indium	115-1	11315373	11340558	11406016	11353982	0.41	cps
Indium	115-2	4081171	4068281	4081899	4077117	0.19	cps
Iron	56-2	38160668	38003458	37839820	38001315	0.42	cps
Iron	57-2	971899	972413	966008	970107	0.37	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18LDLX25	Instrumnet Name :	P7
Client Sample ID :	CF-20LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-15 17:10:17	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2099120	2085075	2103182	2095792	0.45	cps
Krypton	83-1	343	307	260	303	13.77	cps
Lead	206-1	23393	23574	23454	23474	0.39	cps
Lead	207-1	18029	18546	18479	18351	1.53	cps
Lead	208-1	87457	90690	90553	89567	2.04	cps
Lithium	6-1	5212222	5218286	5128535	5186347	0.97	cps
Magnesium	24-2	517477	512203	514698	514793	0.51	cps
Manganese	55-2	839118	834281	837609	837003	0.30	cps
Molybdenum	94-1	15238	16005	15482	15575	2.52	cps
Molybdenum	95-1	1143	1053	1040	1079	5.21	cps
Molybdenum	96-1	4554	4381	4361	4432	2.40	cps
Molybdenum	97-1	667	660	677	668	1.26	cps
Molybdenum	98-1	1607	1667	1487	1587	5.78	cps
Neodymium	150-1	36942	37741	37901	37528	1.37	cps
Neodymium	150-2	23193	23399	22468	23020	2.12	cps
Nickel	60-2	7218	7422	7118	7253	2.13	cps
Phosphorus	31-2	3927	4004	3917	3949	1.20	cps
Potassium	39-2	225904	227372	224538	225938	0.63	cps
Rhodium	103-1	10980328	11065930	11146497	11064251	0.75	cps
Rhodium	103-2	6596306	6588691	6654783	6613260	0.55	cps
Scandium	45-1	8836485	8887398	8853148	8859011	0.29	cps
Scandium	45-2	705320	713040	715482	711281	0.75	cps
Selenium	82-1	160	143	202	168	18.00	cps
Selenium	77-2	80	97	97	91	10.56	cps
Selenium	78-2	460	367	377	401	12.78	cps
Silicon	28-1	4082312	4163437	4219925	4155224	1.66	cps
Silver	107-1	380	353	360	364	3.81	cps
Silver	109-1	237	237	250	241	3.19	cps
Sodium	23-2	76633	76087	77226	76648	0.74	cps
Strontium	86-1	12626	12626	12422	12558	0.94	cps
Strontium	88-1	102638	105448	104528	104205	1.37	cps
Sulfur	34-1	331188	320978	324202	325456	1.60	cps
Terbium	159-1	14790962	14734668	14523728	14683119	0.96	cps
Terbium	159-2	10362838	10282886	10176345	10274023	0.91	cps
Thallium	203-1	583	623	557	588	5.71	cps
Thallium	205-1	1213	1257	1367	1279	6.18	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18LDLX25	Instrumnet Name :	P7
Client Sample ID :	CF-20LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-15 17:10:17	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2477	2587	2730	2598	4.89	cps
Titanium	47-1	272210	279617	272801	274876	1.50	cps
Uranium	238-1	11028	11292	11285	11202	1.34	cps
Vanadium	51-2	38796	38920	38613	38776	0.40	cps
Yttrium	89-1	19328678	19557395	19411085	19432386	0.60	cps
Yttrium	89-2	4712419	4718581	4771563	4734188	0.69	cps
Zinc	66-2	13960	13913	13419	13764	2.18	cps
Zirconium	90-1	41435	42568	42308	42104	1.41	cps
Zirconium	91-1	8976	9163	9363	9167	2.11	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MS	Instrumnet Name :	P7
Client Sample ID :	CF-20MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:13:30	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89358372	89075732	88539605	88991236	0.47	cps
Antimony	121-1	2657168	2675238	2687570	2673326	0.57	cps
Arsenic	75-2	352026	349431	345578	349012	0.93	cps
Barium	135-1	11623871	11357096	11396102	11459023	1.26	cps
Barium	137-1	19480273	19438393	19110539	19343068	1.05	cps
Beryllium	9-1	1981375	2051236	1979263	2003958	2.04	cps
Bismuth	209-1	9336076	9196927	9076758	9203254	1.41	cps
Bismuth	209-2	7999737	7828683	7983421	7937281	1.19	cps
Boron	10-1	254561	272489	278869	268640	4.69	cps
Boron	11-1	1173545	1217836	1262319	1217900	3.64	cps
Bromine	81-1	50112	50814	50988	50638	0.92	cps
Bromine	81-2	3530	3427	3257	3405	4.05	cps
Cadmium	111-1	1677384	1671070	1663646	1670700	0.41	cps
Cadmium	106-1	200253	202191	199580	200675	0.68	cps
Cadmium	108-1	124008	125181	126506	125232	1.00	cps
Calcium	43-1	2861791	2846163	2831858	2846604	0.53	cps
Calcium	44-1	45397078	45182474	45045506	45208353	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3806401	3784106	3737911	3776139	0.93	cps
Cobalt	59-2	5544026	5557142	5411210	5504126	1.47	cps
Copper	63-2	33737480	33126193	32569847	33144507	1.76	cps
Dysprosium	156-1	791308	795414	798256	794993	0.44	cps
Dysprosium	156-2	582771	581324	577670	580588	0.45	cps
Erbium	164-1	809010	823701	817274	816662	0.90	cps
Erbium	164-2	567677	570245	562235	566719	0.72	cps
Gadolinium	160-1	743754	746555	745023	745111	0.19	cps
Gadolinium	160-2	538821	546001	536464	540429	0.92	cps
Holmium	165-1	16808857	16394351	16467153	16556787	1.34	cps
Holmium	165-2	11617392	11433663	11645662	11565572	1.00	cps
Indium	115-1	12320467	12236763	12185457	12247562	0.56	cps
Indium	115-2	4304077	4184248	4321724	4270017	1.75	cps
Iron	56-2	1341863313	1319093740	1324405607	1328454220	0.90	cps
Iron	57-2	32981350	32948043	32611888	32847093	0.62	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MS	Instrumnet Name :	P7
Client Sample ID :	CF-20MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:13:30	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	74166037	73615679	72768906	73516874	0.96	cps
Krypton	83-1	1680	1680	1953	1771	8.91	cps
Lead	206-1	25845437	26200195	26037929	26027854	0.68	cps
Lead	207-1	22864977	23124116	22701608	22896900	0.93	cps
Lead	208-1	103259573	104975673	103054613	103763286	1.02	cps
Lithium	6-1	5753782	5683831	5641660	5693091	0.99	cps
Magnesium	24-2	49705731	49970048	48922984	49532921	1.10	cps
Manganese	55-2	43723301	43208128	42576471	43169300	1.33	cps
Molybdenum	94-1	12181361	12240143	12134298	12185267	0.44	cps
Molybdenum	95-1	13309893	13508343	13404463	13407566	0.74	cps
Molybdenum	96-1	14788164	15098498	14758310	14881657	1.27	cps
Molybdenum	97-1	8209594	8339266	8016211	8188357	1.99	cps
Molybdenum	98-1	20968255	21103968	20693593	20921939	1.00	cps
Neodymium	150-1	1138087	1145727	1135580	1139798	0.46	cps
Neodymium	150-2	673323	675582	665804	671570	0.76	cps
Nickel	60-2	1368146	1362278	1340530	1356985	1.07	cps
Phosphorus	31-2	105802	105124	103218	104715	1.28	cps
Potassium	39-2	19837363	19790691	19710937	19779664	0.32	cps
Rhodium	103-1	11548505	11462675	11309174	11440118	1.06	cps
Rhodium	103-2	6638168	6558567	6685978	6627571	0.97	cps
Scandium	45-1	12216886	11985095	12034424	12078802	1.01	cps
Scandium	45-2	937548	920346	929591	929162	0.93	cps
Selenium	82-1	130295	130031	129322	129883	0.39	cps
Selenium	77-2	14380	14207	14487	14358	0.99	cps
Selenium	78-2	41842	41374	41565	41594	0.57	cps
Silicon	28-1	134215495	137991648	126448158	132885100	4.43	cps
Silver	107-1	2931233	2711386	2592858	2745159	6.25	cps
Silver	109-1	2579867	2426332	2596957	2534385	3.71	cps
Sodium	23-2	58693257	58321942	57854169	58289790	0.72	cps
Strontium	86-1	2808185	2805921	2738317	2784141	1.43	cps
Strontium	88-1	24169655	24159087	24029902	24119548	0.32	cps
Sulfur	34-1	370408	370180	376615	372401	0.98	cps
Terbium	159-1	17107049	17007794	16928404	17014415	0.53	cps
Terbium	159-2	11437447	11555572	11620109	11537709	0.80	cps
Thallium	203-1	6085876	6016306	6108427	6070203	0.79	cps
Thallium	205-1	14320731	14504191	14237686	14354203	0.95	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MS	Instrumnet Name :	P7
Client Sample ID :	CF-20MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:13:30	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4274794	4283394	4259182	4272457	0.29	cps
Titanium	47-1	12964669	12683463	12687628	12778586	1.26	cps
Uranium	238-1	21170650	21154204	20825095	21049983	0.93	cps
Vanadium	51-2	3955117	3916773	3858223	3910038	1.25	cps
Yttrium	89-1	33924007	33508253	33489180	33640480	0.73	cps
Yttrium	89-2	7973129	7843349	7938406	7918294	0.85	cps
Zinc	66-2	392303	393218	389228	391583	0.53	cps
Zirconium	90-1	12807880	12748289	12878415	12811528	0.51	cps
Zirconium	91-1	2807459	2819850	2853326	2826878	0.84	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:16:08	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15811669	15892519	16105436	15936541	0.95	cps
Antimony	121-1	479469	484807	490280	484852	1.11	cps
Arsenic	75-2	62464	62843	63428	62912	0.77	cps
Barium	135-1	1977440	1991501	2006742	1991894	0.74	cps
Barium	137-1	3277973	3371241	3386017	3345077	1.75	cps
Beryllium	9-1	357731	363235	364003	361656	0.95	cps
Bismuth	209-1	8894986	8743891	8668926	8769268	1.31	cps
Bismuth	209-2	7608867	7476732	7734363	7606654	1.69	cps
Boron	10-1	60093	61816	62833	61581	2.25	cps
Boron	11-1	271083	284231	284963	280092	2.79	cps
Bromine	81-1	44704	46453	45413	45524	1.93	cps
Bromine	81-2	707	743	803	751	6.50	cps
Cadmium	111-1	309512	314053	314334	312633	0.87	cps
Cadmium	106-1	41282	42101	41529	41637	1.01	cps
Cadmium	108-1	22317	23489	23055	22954	2.58	cps
Calcium	43-1	520640	527295	529616	525851	0.89	cps
Calcium	44-1	7845663	7931222	8043230	7940038	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	703191	703498	701308	702666	0.17	cps
Cobalt	59-2	1025952	1021742	1023441	1023712	0.21	cps
Copper	63-2	6277066	6319911	6338433	6311803	0.50	cps
Dysprosium	156-1	137066	139968	138165	138400	1.06	cps
Dysprosium	156-2	104626	103848	103942	104139	0.41	cps
Erbium	164-1	139374	143326	140638	141113	1.43	cps
Erbium	164-2	103147	100350	100995	101498	1.44	cps
Gadolinium	160-1	128117	128113	129139	128456	0.46	cps
Gadolinium	160-2	97399	97157	98057	97538	0.48	cps
Holmium	165-1	14120898	14215088	14226202	14187396	0.41	cps
Holmium	165-2	10144547	10119918	10225184	10163216	0.54	cps
Indium	115-1	11297761	11306290	11264719	11289590	0.19	cps
Indium	115-2	3996726	3944164	4030221	3990370	1.09	cps
Iron	56-2	244600383	245134663	244721076	244818707	0.11	cps
Iron	57-2	6089898	6027795	5978681	6032125	0.92	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:16:08	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13461131	13583961	13674387	13573160	0.79	cps
Krypton	83-1	523	633	650	602	11.43	cps
Lead	206-1	4624741	4615069	4647552	4629121	0.36	cps
Lead	207-1	4067747	4125863	4132096	4108569	0.86	cps
Lead	208-1	18497555	18589824	18785646	18624342	0.79	cps
Lithium	6-1	5211772	5043037	5043187	5099332	1.91	cps
Magnesium	24-2	8985958	9008392	9048160	9014170	0.35	cps
Manganese	55-2	7918265	7972419	7914071	7934918	0.41	cps
Molybdenum	94-1	2080575	2099854	2101193	2093874	0.55	cps
Molybdenum	95-1	2307171	2307368	2313875	2309471	0.17	cps
Molybdenum	96-1	2561109	2572417	2603419	2578982	0.85	cps
Molybdenum	97-1	1415042	1443521	1456609	1438391	1.48	cps
Molybdenum	98-1	3604962	3666754	3673821	3648512	1.04	cps
Neodymium	150-1	195952	197635	198113	197233	0.58	cps
Neodymium	150-2	119068	120403	121738	120403	1.11	cps
Nickel	60-2	261641	259173	259706	260174	0.50	cps
Phosphorus	31-2	18999	18852	19175	19009	0.85	cps
Potassium	39-2	3606020	3610407	3598057	3604828	0.17	cps
Rhodium	103-1	10842020	10830177	10751787	10807995	0.45	cps
Rhodium	103-2	6402767	6284233	6465017	6384006	1.44	cps
Scandium	45-1	9247922	9120339	9191166	9186476	0.70	cps
Scandium	45-2	725795	716757	730779	724444	0.98	cps
Selenium	82-1	22833	23032	22802	22889	0.55	cps
Selenium	77-2	2660	2394	2437	2497	5.73	cps
Selenium	78-2	7969	7482	7572	7674	3.38	cps
Silicon	28-1	24182886	23985373	23330559	23832939	1.87	cps
Silver	107-1	550945	560691	568712	560116	1.59	cps
Silver	109-1	527138	537896	542843	535959	1.50	cps
Sodium	23-2	10607315	10659159	10580905	10615793	0.38	cps
Strontium	86-1	477681	480308	486517	481502	0.94	cps
Strontium	88-1	4224952	4245602	4262746	4244433	0.45	cps
Sulfur	34-1	310036	314908	306466	310470	1.36	cps
Terbium	159-1	14992965	14961457	14788352	14914258	0.74	cps
Terbium	159-2	10311521	10207271	10238478	10252423	0.52	cps
Thallium	203-1	1022772	1043947	1032820	1033180	1.03	cps
Thallium	205-1	2589849	2598265	2608143	2598752	0.35	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:16:08	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	750620	764754	770749	762041	1.36	cps
Titanium	47-1	2176148	2263947	2275452	2238516	2.43	cps
Uranium	238-1	3614087	3673585	3676463	3654712	0.96	cps
Vanadium	51-2	717999	715746	712234	715326	0.41	cps
Yttrium	89-1	21077719	20935908	21068019	21027216	0.38	cps
Yttrium	89-2	5144015	5099396	5136793	5126734	0.47	cps
Zinc	66-2	72896	73135	73218	73083	0.23	cps
Zirconium	90-1	2179276	2245592	2239028	2221298	1.64	cps
Zirconium	91-1	487119	488821	491482	489141	0.45	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSD	Instrumnet Name :	P7
Client Sample ID :	CF-20MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:19:02	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82317389	81614274	80455097	81462253	1.15	cps
Antimony	121-1	2892591	2898457	2805009	2865352	1.83	cps
Arsenic	75-2	353033	353084	349550	351889	0.58	cps
Barium	135-1	11647087	11513009	11124960	11428352	2.37	cps
Barium	137-1	19838308	19424372	18889421	19384033	2.45	cps
Beryllium	9-1	2075639	2040625	2028436	2048233	1.20	cps
Bismuth	209-1	9442071	9269353	9329874	9347099	0.94	cps
Bismuth	209-2	7940819	7811305	7978238	7910121	1.11	cps
Boron	10-1	264653	275071	282151	273958	3.21	cps
Boron	11-1	1230752	1281191	1328104	1280016	3.80	cps
Bromine	81-1	49279	48791	49603	49224	0.83	cps
Bromine	81-2	3217	3084	3244	3181	2.70	cps
Cadmium	111-1	1700297	1722257	1661087	1694547	1.83	cps
Cadmium	106-1	199096	200554	202161	200604	0.76	cps
Cadmium	108-1	126285	127912	125350	126515	1.02	cps
Calcium	43-1	2891009	2817917	2834600	2847842	1.34	cps
Calcium	44-1	45441289	44743058	44058611	44747653	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3776053	3685843	3700510	3720802	1.30	cps
Cobalt	59-2	5599911	5532376	5524987	5552424	0.74	cps
Copper	63-2	33083941	33087548	33128463	33099984	0.07	cps
Dysprosium	156-1	759202	757150	747486	754613	0.83	cps
Dysprosium	156-2	550230	549770	556556	552185	0.69	cps
Erbium	164-1	793681	792576	783911	790056	0.68	cps
Erbium	164-2	552030	548862	550674	550522	0.29	cps
Gadolinium	160-1	717747	714090	713861	715233	0.30	cps
Gadolinium	160-2	523948	519784	520241	521325	0.44	cps
Holmium	165-1	16778109	16557493	16293089	16542897	1.47	cps
Holmium	165-2	11414638	11431185	11578199	11474674	0.78	cps
Indium	115-1	12713743	12278456	12317901	12436700	1.94	cps
Indium	115-2	4357189	4274355	4249595	4293713	1.31	cps
Iron	56-2	1208437022	1191415022	1192127289	1197326444	0.80	cps
Iron	57-2	29257900	29411759	28975449	29215036	0.76	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSD	Instrumnet Name :	P7
Client Sample ID :	CF-20MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:19:02	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	66186921	65609984	65179112	65658672	0.77	cps
Krypton	83-1	2020	1910	2010	1980	3.07	cps
Lead	206-1	26380488	26572395	26448691	26467191	0.37	cps
Lead	207-1	23246393	23286060	23272312	23268255	0.09	cps
Lead	208-1	105471798	105855930	105609643	105645790	0.18	cps
Lithium	6-1	5687291	5565141	5580140	5610857	1.19	cps
Magnesium	24-2	48246123	47726304	48081874	48018100	0.55	cps
Manganese	55-2	44615299	43549336	43541786	43902140	1.41	cps
Molybdenum	94-1	12106368	12142493	12031653	12093505	0.47	cps
Molybdenum	95-1	13623286	13606011	13333937	13521078	1.20	cps
Molybdenum	96-1	15165049	14963969	14853730	14994249	1.05	cps
Molybdenum	97-1	8314221	8291490	8167301	8257670	0.96	cps
Molybdenum	98-1	21375243	21321422	21017755	21238140	0.91	cps
Neodymium	150-1	1079399	1089108	1067992	1078833	0.98	cps
Neodymium	150-2	636261	641880	638179	638773	0.45	cps
Nickel	60-2	1350239	1340553	1329812	1340201	0.76	cps
Phosphorus	31-2	93661	93486	92061	93070	0.94	cps
Potassium	39-2	19288481	19370016	19199144	19285881	0.44	cps
Rhodium	103-1	11502256	11287084	11265452	11351597	1.15	cps
Rhodium	103-2	6568549	6628466	6626623	6607880	0.52	cps
Scandium	45-1	11855465	11802549	11647484	11768499	0.92	cps
Scandium	45-2	923406	912264	911074	915581	0.74	cps
Selenium	82-1	132122	133532	132593	132749	0.54	cps
Selenium	77-2	14384	14474	14250	14369	0.78	cps
Selenium	78-2	42394	42685	42481	42520	0.35	cps
Silicon	28-1	129239105	131006411	123400785	127882100	3.11	cps
Silver	107-1	3039694	3445180	3325031	3269968	6.37	cps
Silver	109-1	2871681	3102570	2912950	2962400	4.16	cps
Sodium	23-2	59183152	58723164	57970796	58625704	1.04	cps
Strontium	86-1	2808236	2795453	2747242	2783643	1.16	cps
Strontium	88-1	24420960	24218856	23766266	24135361	1.39	cps
Sulfur	34-1	350511	352144	352799	351818	0.33	cps
Terbium	159-1	17340409	16716468	16768856	16941911	2.04	cps
Terbium	159-2	11537846	11521285	11637684	11565605	0.54	cps
Thallium	203-1	6224890	6277572	6127959	6210140	1.22	cps
Thallium	205-1	14730548	14837670	14629481	14732566	0.71	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSD	Instrumnet Name :	P7
Client Sample ID :	CF-20MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:19:02	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4338466	4384883	4340585	4354645	0.60	cps
Titanium	47-1	12125371	12160295	12029950	12105205	0.56	cps
Uranium	238-1	21012552	21285370	20970982	21089635	0.81	cps
Vanadium	51-2	3824113	3841857	3835600	3833857	0.23	cps
Yttrium	89-1	33281643	32900025	32366201	32849290	1.40	cps
Yttrium	89-2	7784074	7785444	7779347	7782955	0.04	cps
Zinc	66-2	358080	359402	353128	356870	0.93	cps
Zirconium	90-1	12874494	12897749	12733632	12835292	0.69	cps
Zirconium	91-1	2805514	2798797	2786792	2797034	0.34	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:21:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14606054	14890261	14672537	14722951	1.01	cps
Antimony	121-1	515965	529020	533075	526020	1.70	cps
Arsenic	75-2	64416	64834	63907	64386	0.72	cps
Barium	135-1	1969420	2070749	2025647	2021939	2.51	cps
Barium	137-1	3339052	3489547	3505061	3444554	2.66	cps
Beryllium	9-1	352249	367089	363208	360849	2.13	cps
Bismuth	209-1	9133263	8065857	8313353	8504158	6.57	cps
Bismuth	209-2	7563143	7851930	7715799	7710291	1.87	cps
Boron	10-1	62502	63897	65417	63939	2.28	cps
Boron	11-1	284518	298188	301985	294897	3.12	cps
Bromine	81-1	46841	46794	45557	46397	1.57	cps
Bromine	81-2	650	797	703	717	10.36	cps
Cadmium	111-1	309962	320427	318086	316158	1.74	cps
Cadmium	106-1	42305	42231	43034	42523	1.04	cps
Cadmium	108-1	22568	23713	23325	23202	2.51	cps
Calcium	43-1	512141	533657	524815	523538	2.07	cps
Calcium	44-1	7707327	7926305	7881486	7838373	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	682784	685119	683871	683925	0.17	cps
Cobalt	59-2	1038748	1046390	1043458	1042865	0.37	cps
Copper	63-2	6340280	6429212	6263092	6344194	1.31	cps
Dysprosium	156-1	127971	133414	132469	131285	2.22	cps
Dysprosium	156-2	98266	100970	98688	99308	1.46	cps
Erbium	164-1	135667	139731	138960	138119	1.56	cps
Erbium	164-2	97397	98632	99545	98524	1.09	cps
Gadolinium	160-1	122167	124450	125028	123882	1.22	cps
Gadolinium	160-2	93519	93449	93187	93385	0.19	cps
Holmium	165-1	14771194	13392710	13756566	13973490	5.11	cps
Holmium	165-2	10089245	10399991	10304943	10264726	1.55	cps
Indium	115-1	11726648	10441068	10917624	11028447	5.89	cps
Indium	115-2	3982246	4071468	4049266	4034327	1.15	cps
Iron	56-2	224772943	222314610	220402763	222496772	0.98	cps
Iron	57-2	5458521	5426825	5405358	5430234	0.49	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:21:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12093148	12213848	12107175	12138057	0.54	cps
Krypton	83-1	570	583	557	570	2.34	cps
Lead	206-1	4670864	4793921	4673308	4712698	1.49	cps
Lead	207-1	4056351	4217014	4064242	4112536	2.20	cps
Lead	208-1	18511664	19210657	18541343	18754555	2.11	cps
Lithium	6-1	5337125	4815279	5008345	5053583	5.22	cps
Magnesium	24-2	8552378	8845626	8772428	8723477	1.75	cps
Manganese	55-2	8135299	7990466	7946309	8024025	1.23	cps
Molybdenum	94-1	2101883	2151876	2153152	2135637	1.37	cps
Molybdenum	95-1	2317348	2386941	2374583	2359624	1.57	cps
Molybdenum	96-1	2588337	2646353	2651047	2628579	1.33	cps
Molybdenum	97-1	1428530	1477612	1447212	1451118	1.71	cps
Molybdenum	98-1	3696746	3785769	3771587	3751367	1.28	cps
Neodymium	150-1	184280	191082	190479	188614	2.00	cps
Neodymium	150-2	113812	115005	114437	114418	0.52	cps
Nickel	60-2	258396	257606	256356	257453	0.40	cps
Phosphorus	31-2	17136	17387	17460	17328	0.98	cps
Potassium	39-2	3560913	3613336	3563073	3579107	0.83	cps
Rhodium	103-1	11291734	9925189	10363691	10526871	6.63	cps
Rhodium	103-2	6470245	6427137	6434611	6443998	0.36	cps
Scandium	45-1	9597404	8467483	8821434	8962107	6.45	cps
Scandium	45-2	722330	737060	727708	729033	1.02	cps
Selenium	82-1	22803	23676	23157	23212	1.89	cps
Selenium	77-2	2517	2640	2517	2558	2.78	cps
Selenium	78-2	7999	7862	7819	7893	1.19	cps
Silicon	28-1	19021537	21009020	21685525	20572027	6.73	cps
Silver	107-1	616602	639429	631820	629284	1.85	cps
Silver	109-1	583254	604950	601358	596521	1.95	cps
Sodium	23-2	10483433	10638097	10634580	10585370	0.83	cps
Strontium	86-1	470626	485999	484884	480503	1.78	cps
Strontium	88-1	4174308	4311712	4271737	4252585	1.66	cps
Sulfur	34-1	301782	306915	306091	304929	0.90	cps
Terbium	159-1	15586731	13876184	14354885	14605933	6.04	cps
Terbium	159-2	10392975	10260147	10573592	10408905	1.51	cps
Thallium	203-1	1034505	1074812	1059728	1056349	1.93	cps
Thallium	205-1	2614859	2697893	2653294	2655349	1.56	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:21:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	763641	795714	788677	782677	2.15	cps
Titanium	47-1	2082135	2180427	2144851	2135804	2.33	cps
Uranium	238-1	3662915	3656233	3671776	3663641	0.21	cps
Vanadium	51-2	695749	703218	699486	699484	0.53	cps
Yttrium	89-1	22151842	19512303	20112494	20592213	6.72	cps
Yttrium	89-2	5179634	5240848	5205065	5208516	0.59	cps
Zinc	66-2	67565	67766	66832	67388	0.73	cps
Zirconium	90-1	2217848	2263488	2264388	2248575	1.18	cps
Zirconium	91-1	481944	498880	497591	492805	1.91	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18A	Instrumnet Name :	P7
Client Sample ID :	CF-20A	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:24:35	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86311865	84980664	85744499	85679009	0.78	cps
Antimony	121-1	2722163	2727409	2692197	2713923	0.70	cps
Arsenic	75-2	349610	346150	349724	348495	0.58	cps
Barium	135-1	11434371	11443565	11427756	11435231	0.07	cps
Barium	137-1	19414533	19319957	19331768	19355419	0.27	cps
Beryllium	9-1	1994312	1980165	1973862	1982780	0.53	cps
Bismuth	209-1	9237344	9050764	9108913	9132340	1.05	cps
Bismuth	209-2	8353957	8069541	7773240	8065579	3.60	cps
Boron	10-1	265670	274479	278123	272757	2.35	cps
Boron	11-1	1219407	1231353	1251701	1234154	1.32	cps
Bromine	81-1	49576	51513	51276	50788	2.08	cps
Bromine	81-2	3374	3184	3364	3307	3.23	cps
Cadmium	111-1	1714574	1655938	1665321	1678611	1.88	cps
Cadmium	106-1	198367	198286	197721	198125	0.18	cps
Cadmium	108-1	125027	124972	124899	124966	0.05	cps
Calcium	43-1	2844258	2891549	2774043	2836617	2.08	cps
Calcium	44-1	45177061	44447853	44261718	44628877	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3792885	3730691	3780519	3768032	0.87	cps
Cobalt	59-2	5479798	5467818	5452333	5466650	0.25	cps
Copper	63-2	33454567	33243268	32879297	33192377	0.88	cps
Dysprosium	156-1	789540	787164	773728	783477	1.09	cps
Dysprosium	156-2	568913	567673	564749	567112	0.38	cps
Erbium	164-1	806607	810170	800212	805663	0.63	cps
Erbium	164-2	564929	555063	556132	558708	0.97	cps
Gadolinium	160-1	738737	739605	730732	736358	0.66	cps
Gadolinium	160-2	534464	533305	529530	532433	0.48	cps
Holmium	165-1	16553471	16478743	16021022	16351079	1.76	cps
Holmium	165-2	12201025	11786615	11149262	11712301	4.52	cps
Indium	115-1	12351041	12153801	12058714	12187852	1.22	cps
Indium	115-2	4595110	4433667	4204661	4411146	4.45	cps
Iron	56-2	1290635047	1272858301	1286195048	1283229465	0.72	cps
Iron	57-2	31763719	31418340	31245508	31475856	0.84	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18A	Instrumnet Name :	P7
Client Sample ID :	CF-20A	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:24:35	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	71197782	70915312	70816892	70976662	0.28	cps
Krypton	83-1	1933	1820	1810	1855	3.69	cps
Lead	206-1	26163722	26632534	26418840	26405032	0.89	cps
Lead	207-1	23481857	23571161	23156122	23403047	0.93	cps
Lead	208-1	105290263	105935521	105532835	105586206	0.31	cps
Lithium	6-1	5723408	5551866	5444587	5573287	2.52	cps
Magnesium	24-2	48913189	48205888	48775871	48631649	0.77	cps
Manganese	55-2	43601461	43159673	43412726	43391287	0.51	cps
Molybdenum	94-1	12175598	12196150	11954391	12108713	1.11	cps
Molybdenum	95-1	13485299	13554841	13313613	13451251	0.92	cps
Molybdenum	96-1	15155661	15167658	14849364	15057561	1.20	cps
Molybdenum	97-1	8218883	8344944	8066399	8210076	1.70	cps
Molybdenum	98-1	21126121	21554259	20777226	21152535	1.84	cps
Neodymium	150-1	1117319	1128449	1097821	1114530	1.39	cps
Neodymium	150-2	661558	662566	655566	659897	0.57	cps
Nickel	60-2	1355029	1343052	1350931	1349671	0.45	cps
Phosphorus	31-2	99568	99068	100084	99573	0.51	cps
Potassium	39-2	19683836	19364469	19423060	19490455	0.87	cps
Rhodium	103-1	11279821	11312349	10953624	11181931	1.77	cps
Rhodium	103-2	7139253	6857077	6534284	6843538	4.42	cps
Scandium	45-1	11886479	11724491	11755476	11788815	0.73	cps
Scandium	45-2	980500	945867	901802	942723	4.18	cps
Selenium	82-1	130112	130124	130215	130151	0.04	cps
Selenium	77-2	13890	13827	14324	14013	1.93	cps
Selenium	78-2	41461	41555	41050	41355	0.65	cps
Silicon	28-1	130296318	124059521	132318618	128891486	3.34	cps
Silver	107-1	2961174	2522032	2966646	2816617	9.06	cps
Silver	109-1	2799379	2791835	2725061	2772092	1.48	cps
Sodium	23-2	58502127	57623689	58277109	58134309	0.78	cps
Strontium	86-1	2758062	2726156	2739693	2741303	0.58	cps
Strontium	88-1	24448959	24142714	23730837	24107503	1.49	cps
Sulfur	34-1	352660	356338	356041	355013	0.58	cps
Terbium	159-1	17027828	16840603	16559812	16809414	1.40	cps
Terbium	159-2	12318463	11970168	11490961	11926531	3.48	cps
Thallium	203-1	6124523	6108906	6111946	6115125	0.14	cps
Thallium	205-1	14552828	14423284	14547653	14507922	0.51	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18A	Instrumnet Name :	P7
Client Sample ID :	CF-20A	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:24:35	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4293985	4354955	4269188	4306043	1.02	cps
Titanium	47-1	12686707	12435579	12607551	12576612	1.02	cps
Uranium	238-1	21426117	21045611	20958337	21143355	1.18	cps
Vanadium	51-2	3909359	3860626	3846150	3872045	0.86	cps
Yttrium	89-1	33677846	33264031	32474170	33138683	1.85	cps
Yttrium	89-2	8214871	7960674	7733424	7969656	3.02	cps
Zinc	66-2	377911	375276	376296	376494	0.35	cps
Zirconium	90-1	12852316	12904755	12528774	12761948	1.60	cps
Zirconium	91-1	2821714	2795133	2798009	2804952	0.52	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18ADLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:27:13	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15938766	15654313	15748264	15780447	0.92	cps
Antimony	121-1	499167	503652	503978	502266	0.54	cps
Arsenic	75-2	64480	64499	64308	64429	0.16	cps
Barium	135-1	2012654	2028528	2034555	2025245	0.56	cps
Barium	137-1	3387197	3400426	3486047	3424556	1.57	cps
Beryllium	9-1	362672	362002	362235	362303	0.09	cps
Bismuth	209-1	8908930	8715961	8959066	8861319	1.45	cps
Bismuth	209-2	7825582	7804583	7568637	7732934	1.84	cps
Boron	10-1	63195	63865	65782	64280	2.09	cps
Boron	11-1	295792	300213	302521	299509	1.14	cps
Bromine	81-1	44958	45841	45651	45483	1.02	cps
Bromine	81-2	770	737	753	753	2.21	cps
Cadmium	111-1	314102	318296	318846	317081	0.82	cps
Cadmium	106-1	43291	42489	43435	43072	1.18	cps
Cadmium	108-1	23452	23683	23276	23470	0.87	cps
Calcium	43-1	532734	531544	528483	530920	0.41	cps
Calcium	44-1	7928453	8080377	8133977	8047602	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	710158	703235	706536	706643	0.49	cps
Cobalt	59-2	1054532	1047437	1035929	1045966	0.90	cps
Copper	63-2	6510025	6420134	6356345	6428834	1.20	cps
Dysprosium	156-1	137503	138839	139001	138448	0.59	cps
Dysprosium	156-2	104369	103412	103395	103725	0.54	cps
Erbium	164-1	140263	141236	142596	141365	0.83	cps
Erbium	164-2	101572	102133	100317	101341	0.92	cps
Gadolinium	160-1	129896	128853	130095	129615	0.51	cps
Gadolinium	160-2	97423	96436	97204	97021	0.53	cps
Holmium	165-1	14454291	14571586	14509402	14511760	0.40	cps
Holmium	165-2	10404528	10410152	10159645	10324775	1.39	cps
Indium	115-1	11413185	11563067	11393699	11456650	0.81	cps
Indium	115-2	4115719	4098414	3979555	4064563	1.82	cps
Iron	56-2	244710350	242773443	241542103	243008632	0.66	cps
Iron	57-2	5929551	5911088	5939778	5926806	0.25	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18ADLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:27:13	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13283915	13271121	13344372	13299803	0.29	cps
Krypton	83-1	590	527	563	560	5.68	cps
Lead	206-1	4773805	4676734	4796804	4749114	1.34	cps
Lead	207-1	4212082	4186665	4169497	4189415	0.51	cps
Lead	208-1	19205558	19023558	19132872	19120663	0.48	cps
Lithium	6-1	5119192	5147959	5198444	5155198	0.78	cps
Magnesium	24-2	9148334	9107916	9089294	9115181	0.33	cps
Manganese	55-2	8077694	8078746	8102240	8086227	0.17	cps
Molybdenum	94-1	2148706	2188640	2147840	2161729	1.08	cps
Molybdenum	95-1	2385351	2415476	2379517	2393448	0.81	cps
Molybdenum	96-1	2646714	2686726	2657562	2663668	0.78	cps
Molybdenum	97-1	1440805	1471434	1462108	1458116	1.08	cps
Molybdenum	98-1	3777634	3767527	3770091	3771751	0.14	cps
Neodymium	150-1	196523	197109	198154	197262	0.42	cps
Neodymium	150-2	120578	119340	119942	119954	0.52	cps
Nickel	60-2	262561	262772	260435	261923	0.49	cps
Phosphorus	31-2	18508	18715	18244	18489	1.28	cps
Potassium	39-2	3646282	3699757	3823228	3723089	2.44	cps
Rhodium	103-1	11017400	10900358	11057385	10991714	0.74	cps
Rhodium	103-2	6555075	6494282	6249038	6432798	2.52	cps
Scandium	45-1	9263226	9363328	9449822	9358792	1.00	cps
Scandium	45-2	746349	737154	717985	733829	1.97	cps
Selenium	82-1	22976	23364	23241	23194	0.86	cps
Selenium	77-2	2604	2760	2634	2666	3.12	cps
Selenium	78-2	7679	8079	8132	7963	3.11	cps
Silicon	28-1	22253256	22373096	22552771	22393041	0.67	cps
Silver	107-1	591372	593819	599419	594870	0.69	cps
Silver	109-1	559985	556695	556910	557863	0.33	cps
Sodium	23-2	10768915	10811637	10622859	10734470	0.92	cps
Strontium	86-1	483462	488399	486719	486193	0.52	cps
Strontium	88-1	4243303	4231225	4269087	4247872	0.46	cps
Sulfur	34-1	299855	302838	302961	301884	0.58	cps
Terbium	159-1	14981474	15002729	15028754	15004319	0.16	cps
Terbium	159-2	10511740	10430473	10215627	10385947	1.47	cps
Thallium	203-1	1052491	1052152	1053228	1052624	0.05	cps
Thallium	205-1	2634981	2580399	2649458	2621612	1.39	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1749-18ADLX5	Instrumnet Name :	P7
Client Sample ID :	CF-20ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:27:13	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	773080	775090	780220	776130	0.47	cps
Titanium	47-1	2183841	2226926	2248674	2219814	1.49	cps
Uranium	238-1	3627122	3688634	3671632	3662462	0.87	cps
Vanadium	51-2	722491	718890	716626	719336	0.41	cps
Yttrium	89-1	21104014	21215585	21320440	21213346	0.51	cps
Yttrium	89-2	5265807	5184020	5101597	5183808	1.58	cps
Zinc	66-2	73506	72706	71440	72551	1.44	cps
Zirconium	90-1	2247867	2263681	2257959	2256502	0.35	cps
Zirconium	91-1	495826	499029	500212	498356	0.46	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:30:08	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27313853	27458475	27184511	27318947	0.50	cps
Antimony	121-1	1437	1343	1303	1361	5.03	cps
Arsenic	75-2	17974	17664	17557	17732	1.22	cps
Barium	135-1	1141639	1098750	1083819	1108069	2.71	cps
Barium	137-1	1975948	1903928	1862420	1914099	3.00	cps
Beryllium	9-1	16085	16462	15815	16121	2.02	cps
Bismuth	209-1	12743479	13083006	12271379	12699288	3.21	cps
Bismuth	209-2	10294968	10161917	10092030	10182972	1.01	cps
Boron	10-1	16496	15915	15852	16087	2.21	cps
Boron	11-1	76471	76180	73731	75461	1.99	cps
Bromine	81-1	42177	42077	41592	41948	0.75	cps
Bromine	81-2	840	913	847	867	4.68	cps
Cadmium	111-1	10862	10857	10581	10767	1.49	cps
Cadmium	106-1	13356	13540	12889	13262	2.53	cps
Cadmium	108-1	663	697	617	659	6.10	cps
Calcium	43-1	5255436	5002931	4884074	5047480	3.76	cps
Calcium	44-1	83010882	80579919	77768227	80453009	3.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1165890	1152266	1149267	1155807	0.77	cps
Cobalt	59-2	439282	439622	434856	437920	0.61	cps
Copper	63-2	1555864	1532381	1524616	1537620	1.06	cps
Dysprosium	156-1	261175	249411	245527	252038	3.23	cps
Dysprosium	156-2	177809	178774	180770	179118	0.84	cps
Erbium	164-1	233428	223562	219998	225663	3.08	cps
Erbium	164-2	150549	150595	148234	149793	0.90	cps
Gadolinium	160-1	236422	227276	220596	228098	3.48	cps
Gadolinium	160-2	160575	160245	160276	160365	0.11	cps
Holmium	165-1	21261726	21774635	20627881	21221414	2.71	cps
Holmium	165-2	13883354	13879332	13494640	13752442	1.62	cps
Indium	115-1	16528271	17074179	16065966	16556139	3.05	cps
Indium	115-2	5351623	5334184	5265285	5317031	0.86	cps
Iron	56-2	561814645	552300618	551221232	555112165	1.05	cps
Iron	57-2	13744569	13663989	13449942	13619500	1.12	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:30:08	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	30980986	30961846	30531882	30824905	0.82	cps
Krypton	83-1	713	610	710	678	8.66	cps
Lead	206-1	1466546	1404304	1376942	1415931	3.24	cps
Lead	207-1	1207997	1154201	1120955	1161051	3.78	cps
Lead	208-1	5910165	5608048	5425115	5647776	4.34	cps
Lithium	6-1	7595862	7632546	7352011	7526806	2.03	cps
Magnesium	24-2	17631522	17531751	17276045	17479773	1.05	cps
Manganese	55-2	7831424	7806583	7649430	7762479	1.27	cps
Molybdenum	94-1	165607	162485	160023	162705	1.72	cps
Molybdenum	95-1	13583	12919	13126	13209	2.57	cps
Molybdenum	96-1	52748	52842	51100	52230	1.88	cps
Molybdenum	97-1	8359	8249	7929	8179	2.73	cps
Molybdenum	98-1	20778	19643	19530	19984	3.45	cps
Neodymium	150-1	376568	362407	356293	365089	2.85	cps
Neodymium	150-2	208011	209420	205751	207727	0.89	cps
Nickel	60-2	225073	226461	224225	225253	0.50	cps
Phosphorus	31-2	40036	39424	38833	39431	1.53	cps
Potassium	39-2	6898317	6697670	6651052	6749013	1.95	cps
Rhodium	103-1	15459741	15841819	14907513	15403024	3.05	cps
Rhodium	103-2	8483113	8426127	8310961	8406733	1.04	cps
Scandium	45-1	13523398	13977395	12966159	13488984	3.75	cps
Scandium	45-2	983900	980759	975695	980118	0.42	cps
Selenium	82-1	878	1006	915	933	7.07	cps
Selenium	77-2	767	743	787	766	2.83	cps
Selenium	78-2	1017	1097	1070	1061	3.84	cps
Silicon	28-1	34750938	32225990	41124247	36033725	12.73	cps
Silver	107-1	4878	4467	4651	4665	4.40	cps
Silver	109-1	4221	4061	4097	4126	2.03	cps
Sodium	23-2	3233867	3220082	3223672	3225874	0.22	cps
Strontium	86-1	2658385	2557936	2463795	2560038	3.80	cps
Strontium	88-1	22911765	22359917	21275044	22182242	3.75	cps
Sulfur	34-1	629994	629787	619579	626453	0.95	cps
Terbium	159-1	21921659	22294382	21173790	21796610	2.62	cps
Terbium	159-2	13859641	13787576	13719021	13788746	0.51	cps
Thallium	203-1	8790	8286	7769	8281	6.16	cps
Thallium	205-1	20856	19471	18716	19681	5.51	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:30:08	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	16019	17446	13248	15571	13.71	cps
Titanium	47-1	311051	308850	307807	309236	0.54	cps
Uranium	238-1	261751	250294	242588	251545	3.83	cps
Vanadium	51-2	431015	426936	422699	426883	0.97	cps
Yttrium	89-1	31369433	32589766	30032716	31330638	4.08	cps
Yttrium	89-2	6990216	6896202	6938474	6941631	0.68	cps
Zinc	66-2	500737	494663	493628	496343	0.77	cps
Zirconium	90-1	443265	431341	434603	436403	1.41	cps
Zirconium	91-1	100210	93871	92623	95568	4.26	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:33:09	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1530	1680	1690	1633	5.49	cps
Antimony	121-1	620	727	660	669	8.06	cps
Arsenic	75-2	40	47	40	42	9.12	cps
Barium	135-1	173	180	107	153	26.45	cps
Barium	137-1	343	230	200	258	29.33	cps
Beryllium	9-1	247	273	303	274	10.33	cps
Bismuth	209-1	8981398	8838752	8724162	8848104	1.46	cps
Bismuth	209-2	6623856	7688411	7913201	7408489	9.30	cps
Boron	10-1	6915	6371	6081	6456	6.56	cps
Boron	11-1	31232	29578	28089	29633	5.31	cps
Bromine	81-1	45741	47593	46674	46669	1.98	cps
Bromine	81-2	167	160	167	164	2.34	cps
Cadmium	111-1	5615	5452	5414	5494	1.94	cps
Cadmium	106-1	7959	7745	7722	7809	1.67	cps
Cadmium	108-1	33	23	30	29	17.63	cps
Calcium	43-1	633	457	407	499	23.87	cps
Calcium	44-1	20987	18102	17732	18940	9.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1713	1817	1840	1790	3.77	cps
Cobalt	59-2	87	110	127	108	18.64	cps
Copper	63-2	1517	1477	1577	1523	3.30	cps
Dysprosium	156-1	37	20	27	28	30.20	cps
Dysprosium	156-2	10	23	17	17	39.99	cps
Erbium	164-1	130	107	133	123	11.78	cps
Erbium	164-2	63	63	70	66	5.87	cps
Gadolinium	160-1	77	60	87	74	18.10	cps
Gadolinium	160-2	423	617	540	527	18.49	cps
Holmium	165-1	14290559	13916676	13961417	14056217	1.45	cps
Holmium	165-2	8500344	9829798	10159626	9496589	9.25	cps
Indium	115-1	11622800	11303566	11632955	11519774	1.63	cps
Indium	115-2	3435008	4034677	4145544	3871743	9.87	cps
Iron	56-2	577410	635493	677543	630149	7.98	cps
Iron	57-2	14567	15812	16896	15758	7.40	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:33:09	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33487	36969	38736	36397	7.34	cps
Krypton	83-1	257	287	243	262	8.46	cps
Lead	206-1	843	747	873	821	8.06	cps
Lead	207-1	727	583	690	667	11.17	cps
Lead	208-1	3464	2970	3180	3205	7.73	cps
Lithium	6-1	5103485	4866127	4919526	4963046	2.51	cps
Magnesium	24-2	1313	1403	1487	1401	6.19	cps
Manganese	55-2	660	727	757	714	6.93	cps
Molybdenum	94-1	840	797	817	818	2.65	cps
Molybdenum	95-1	530	387	340	419	23.64	cps
Molybdenum	96-1	717	540	597	618	14.60	cps
Molybdenum	97-1	300	237	203	247	19.91	cps
Molybdenum	98-1	610	530	580	573	7.05	cps
Neodymium	150-1	47	37	20	34	39.11	cps
Neodymium	150-2	13	23	17	18	28.64	cps
Nickel	60-2	70	90	63	74	18.64	cps
Phosphorus	31-2	547	613	750	637	16.28	cps
Potassium	39-2	73741	72729	72344	72938	0.99	cps
Rhodium	103-1	11439357	10953694	11090896	11161316	2.24	cps
Rhodium	103-2	5596223	6588112	6731595	6305310	9.81	cps
Scandium	45-1	8957216	8909891	8766976	8878028	1.12	cps
Scandium	45-2	592225	696055	704304	664194	9.40	cps
Selenium	82-1	111	108	123	114	6.93	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	403	330	383	372	10.18	cps
Silicon	28-1	662931	576071	585986	608329	7.82	cps
Silver	107-1	450	377	400	409	9.16	cps
Silver	109-1	363	323	253	313	17.77	cps
Sodium	23-2	34485	33610	32962	33686	2.27	cps
Strontium	86-1	693	500	620	604	16.15	cps
Strontium	88-1	1907	1127	1067	1367	34.29	cps
Sulfur	34-1	326711	330549	330203	329154	0.64	cps
Terbium	159-1	14697152	14730406	14448206	14625255	1.05	cps
Terbium	159-2	8755903	10151409	10241332	9716215	8.57	cps
Thallium	203-1	277	243	293	271	9.39	cps
Thallium	205-1	800	670	663	711	10.84	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-15 17:33:09	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2097	1020	1173	1430	40.72	cps
Titanium	47-1	677	623	600	633	6.21	cps
Uranium	238-1	140	153	143	146	4.77	cps
Vanadium	51-2	903	1090	1130	1041	11.62	cps
Yttrium	89-1	19540783	18843269	18992302	19125452	1.92	cps
Yttrium	89-2	4001195	4632719	4649624	4427846	8.35	cps
Zinc	66-2	360	483	387	410	15.83	cps
Zirconium	90-1	2060	1833	1880	1925	6.22	cps
Zirconium	91-1	380	427	370	392	7.71	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01DL2X25	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323DL2	Dilution Factor :	25
Date & Time Acquired :	2023-03-15 17:36:27	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	842038	838159	838728	839642	0.25	cps
Antimony	121-1	367	430	497	431	15.08	cps
Arsenic	75-2	527	577	500	534	7.28	cps
Barium	135-1	31726	31194	31181	31367	0.99	cps
Barium	137-1	52979	52938	53153	53023	0.22	cps
Beryllium	9-1	583	587	650	607	6.19	cps
Bismuth	209-1	8857712	9368293	8842790	9022931	3.32	cps
Bismuth	209-2	8041861	8005606	7931120	7992862	0.71	cps
Boron	10-1	5238	4574	4951	4921	6.76	cps
Boron	11-1	23535	21789	21475	22266	4.98	cps
Bromine	81-1	44705	44487	46316	45169	2.21	cps
Bromine	81-2	143	143	157	148	5.21	cps
Cadmium	111-1	5283	5458	5299	5347	1.81	cps
Cadmium	106-1	7405	7715	7465	7529	2.18	cps
Cadmium	108-1	30	47	43	40	22.05	cps
Calcium	43-1	150427	151417	152127	151324	0.56	cps
Calcium	44-1	2250825	2307004	2323673	2293834	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37747	36892	37009	37216	1.25	cps
Cobalt	59-2	13530	13676	13813	13673	1.04	cps
Copper	63-2	51060	51197	50207	50822	1.06	cps
Dysprosium	156-1	6852	6948	6632	6811	2.38	cps
Dysprosium	156-2	5441	5171	5304	5305	2.55	cps
Erbium	164-1	6305	6265	6298	6289	0.34	cps
Erbium	164-2	4647	4524	4484	4552	1.87	cps
Gadolinium	160-1	6365	6492	6305	6387	1.49	cps
Gadolinium	160-2	5408	5248	5114	5257	2.80	cps
Holmium	165-1	14174313	14777065	14044074	14331817	2.73	cps
Holmium	165-2	10206692	10418825	10204176	10276565	1.20	cps
Indium	115-1	11473171	11925447	11325591	11574737	2.70	cps
Indium	115-2	4166294	4230668	4207941	4201634	0.78	cps
Iron	56-2	17915203	17647548	17555789	17706180	1.05	cps
Iron	57-2	450502	452840	452371	451905	0.27	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01DL2X25	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323DL2	Dilution Factor :	25
Date & Time Acquired :	2023-03-15 17:36:27	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1018393	1019438	1016801	1018211	0.13	cps
Krypton	83-1	280	303	293	292	4.01	cps
Lead	206-1	40667	40838	40514	40673	0.40	cps
Lead	207-1	33909	33511	32345	33255	2.44	cps
Lead	208-1	155901	156325	155830	156019	0.17	cps
Lithium	6-1	5161877	5121196	5072533	5118535	0.87	cps
Magnesium	24-2	542162	540516	540273	540984	0.19	cps
Manganese	55-2	241671	242287	244966	242975	0.72	cps
Molybdenum	94-1	5141	5151	5094	5129	0.59	cps
Molybdenum	95-1	590	580	677	616	8.64	cps
Molybdenum	96-1	1860	1970	1903	1911	2.90	cps
Molybdenum	97-1	337	367	350	351	4.28	cps
Molybdenum	98-1	913	957	890	920	3.68	cps
Neodymium	150-1	9743	9650	9957	9783	1.61	cps
Neodymium	150-2	6151	6108	6298	6186	1.61	cps
Nickel	60-2	7529	7482	7182	7397	2.54	cps
Phosphorus	31-2	1780	1573	1643	1666	6.31	cps
Potassium	39-2	284362	284585	286860	285269	0.48	cps
Rhodium	103-1	11181446	11558926	11374353	11371575	1.66	cps
Rhodium	103-2	6754912	6795091	6719437	6756480	0.56	cps
Scandium	45-1	9061326	9257662	8922699	9080563	1.85	cps
Scandium	45-2	719481	721188	721803	720824	0.17	cps
Selenium	82-1	140	94	96	110	23.59	cps
Selenium	77-2	17	40	30	29	40.51	cps
Selenium	78-2	380	357	347	361	4.74	cps
Silicon	28-1	1910840	1499757	1321974	1577524	19.15	cps
Silver	107-1	360	297	297	318	11.51	cps
Silver	109-1	230	253	240	241	4.86	cps
Sodium	23-2	130914	130178	128891	129994	0.79	cps
Strontium	86-1	71389	71630	71509	71509	0.17	cps
Strontium	88-1	615856	629506	619852	621738	1.13	cps
Sulfur	34-1	329494	329240	333931	330888	0.80	cps
Terbium	159-1	14690036	15313676	14472072	14825261	2.95	cps
Terbium	159-2	10464723	10409067	10365880	10413223	0.48	cps
Thallium	203-1	413	417	410	413	0.81	cps
Thallium	205-1	1020	1017	1067	1034	2.70	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	O1901-01DL2X25	Instrumnet Name :	P7
Client Sample ID :	TR-04-031323DL2	Dilution Factor :	25
Date & Time Acquired :	2023-03-15 17:36:27	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1263	1237	1270	1257	1.40	cps
Titanium	47-1	8516	8650	8596	8587	0.78	cps
Uranium	238-1	6852	6825	6715	6797	1.07	cps
Vanadium	51-2	13660	13486	13086	13411	2.19	cps
Yttrium	89-1	19301763	19882766	19267823	19484117	1.77	cps
Yttrium	89-2	4782012	4817860	4805275	4801716	0.38	cps
Zinc	66-2	15181	15118	15668	15322	1.97	cps
Zirconium	90-1	13637	13470	13837	13648	1.35	cps
Zirconium	91-1	3067	2837	2974	2959	3.91	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:53:43	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16816065	17232121	16983879	17010688	1.23	cps
Antimony	121-1	4483231	4471755	4556441	4503809	1.02	cps
Arsenic	75-2	276946	277353	278390	277563	0.27	cps
Barium	135-1	6979722	6920448	7008501	6969557	0.64	cps
Barium	137-1	11558813	11818181	11737609	11704868	1.13	cps
Beryllium	9-1	1666130	1655215	1637946	1653097	0.86	cps
Bismuth	209-1	7540458	7492528	7686392	7573126	1.33	cps
Bismuth	209-2	6734805	6906753	6700298	6780619	1.63	cps
Boron	10-1	311524	324208	332305	322679	3.25	cps
Boron	11-1	1431231	1456972	1501564	1463256	2.43	cps
Bromine	81-1	40766	41936	41896	41533	1.60	cps
Bromine	81-2	83	103	67	84	21.74	cps
Cadmium	111-1	1372575	1387094	1398259	1385976	0.93	cps
Cadmium	106-1	160570	163932	164278	162927	1.26	cps
Cadmium	108-1	108979	109127	109886	109330	0.45	cps
Calcium	43-1	10076927	10141117	10228109	10148718	0.75	cps
Calcium	44-1	157676981	158763004	159443691	158627892	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2689455	2716170	2692361	2699329	0.54	cps
Cobalt	59-2	4095191	4213937	4173949	4161026	1.45	cps
Copper	63-2	28191196	28310497	28430655	28310783	0.42	cps
Dysprosium	156-1	1293	1350	1373	1339	3.07	cps
Dysprosium	156-2	1127	1240	1143	1170	5.23	cps
Erbium	164-1	167	203	177	182	10.40	cps
Erbium	164-2	147	137	127	137	7.32	cps
Gadolinium	160-1	1300	1320	1400	1340	3.95	cps
Gadolinium	160-2	1463	1533	1517	1505	2.43	cps
Holmium	165-1	13555928	13533624	13582006	13557186	0.18	cps
Holmium	165-2	10006836	10114237	10041035	10054036	0.55	cps
Indium	115-1	10304327	10471740	10456495	10410854	0.89	cps
Indium	115-2	3746786	3832002	3781239	3786675	1.13	cps
Iron	56-2	582695378	590562298	589270418	587509365	0.72	cps
Iron	57-2	14583171	14644276	14618178	14615208	0.21	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:53:43	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	32254861	32753891	33071189	32693314	1.26	cps
Krypton	83-1	260	297	393	317	21.75	cps
Lead	206-1	21168578	21514165	21384884	21355876	0.82	cps
Lead	207-1	19041279	19248514	18826277	19038690	1.11	cps
Lead	208-1	84668060	85999162	85783670	85483631	0.84	cps
Lithium	6-1	4916451	4929983	4935640	4927358	0.20	cps
Magnesium	24-2	157007231	157739911	157728058	157491733	0.27	cps
Manganese	55-2	19903220	20458938	20397045	20253068	1.50	cps
Molybdenum	94-1	21618983	21718625	21834281	21723963	0.50	cps
Molybdenum	95-1	31688672	31812382	31772686	31757913	0.20	cps
Molybdenum	96-1	34025622	34089382	33900250	34005085	0.28	cps
Molybdenum	97-1	19337423	19404711	19434696	19392277	0.26	cps
Molybdenum	98-1	49845458	50372938	49908986	50042460	0.58	cps
Neodymium	150-1	940	887	847	891	5.25	cps
Neodymium	150-2	190	187	213	197	7.39	cps
Nickel	60-2	1032772	1027492	1025718	1028661	0.36	cps
Phosphorus	31-2	181152	180163	180854	180723	0.28	cps
Potassium	39-2	82227995	81353907	81621514	81734472	0.55	cps
Rhodium	103-1	9470580	9440034	9506530	9472382	0.35	cps
Rhodium	103-2	5710722	5853591	5814729	5793014	1.28	cps
Scandium	45-1	8459004	8564278	8587443	8536908	0.80	cps
Scandium	45-2	682478	679453	678065	679999	0.33	cps
Selenium	82-1	110492	111167	111228	110962	0.37	cps
Selenium	77-2	10567	10724	10507	10599	1.06	cps
Selenium	78-2	35616	35559	35439	35538	0.25	cps
Silicon	28-1	28677450	29090292	29081129	28949624	0.81	cps
Silver	107-1	7158223	7110521	7174750	7147831	0.47	cps
Silver	109-1	6709996	6726258	6804595	6746949	0.75	cps
Sodium	23-2	251529376	253299156	252236776	252355103	0.35	cps
Strontium	86-1	51083066	51223873	51618618	51308519	0.54	cps
Strontium	88-1	448108700	447480900	452811020	449466873	0.65	cps
Sulfur	34-1	1051854	1053691	1046518	1050688	0.35	cps
Terbium	159-1	13903617	13957733	13872767	13911372	0.31	cps
Terbium	159-2	10016928	9979055	9942346	9979443	0.37	cps
Thallium	203-1	5209623	5222575	5256121	5229439	0.46	cps
Thallium	205-1	12439370	12438385	12616293	12498016	0.82	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 17:53:43	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4473645	4516903	4448665	4479738	0.77	cps
Titanium	47-1	9736094	9859242	9947976	9847771	1.08	cps
Uranium	238-1	17693342	18043400	17616698	17784480	1.28	cps
Vanadium	51-2	2420320	2403309	2403382	2409004	0.41	cps
Yttrium	89-1	18159123	18180333	18232988	18190815	0.21	cps
Yttrium	89-2	4511252	4525615	4492456	4509774	0.37	cps
Zinc	66-2	4043525	4056720	4069296	4056514	0.32	cps
Zirconium	90-1	10795871	10912611	10810206	10839563	0.59	cps
Zirconium	91-1	2361457	2402598	2421289	2395115	1.28	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:00:59	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	570	527	523	540	4.82	cps
Antimony	121-1	1143	1403	1580	1376	15.97	cps
Arsenic	75-2	10	33	7	17	87.16	cps
Barium	135-1	110	90	143	114	23.55	cps
Barium	137-1	243	197	233	224	10.95	cps
Beryllium	9-1	323	287	287	299	7.08	cps
Bismuth	209-1	8992428	8962937	8917921	8957762	0.42	cps
Bismuth	209-2	7837903	7903315	7923441	7888220	0.57	cps
Boron	10-1	7015	6995	6355	6788	5.53	cps
Boron	11-1	31960	31181	29565	30902	3.95	cps
Bromine	81-1	42956	43618	43411	43328	0.78	cps
Bromine	81-2	107	53	67	76	36.74	cps
Cadmium	111-1	5136	5160	4935	5077	2.43	cps
Cadmium	106-1	7249	7312	6955	7172	2.65	cps
Cadmium	108-1	17	40	33	30	40.05	cps
Calcium	43-1	343	323	320	329	3.84	cps
Calcium	44-1	16410	16037	16344	16264	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1473	1430	1587	1497	5.41	cps
Cobalt	59-2	107	107	183	132	33.48	cps
Copper	63-2	1903	1813	1880	1866	2.50	cps
Dysprosium	156-1	17	17	3	12	63.01	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	130	107	100	112	14.04	cps
Erbium	164-2	67	87	103	86	21.45	cps
Gadolinium	160-1	60	87	93	80	22.05	cps
Gadolinium	160-2	497	483	523	501	4.06	cps
Holmium	165-1	14207826	14119945	14154544	14160772	0.31	cps
Holmium	165-2	10128572	10002642	10177926	10103047	0.89	cps
Indium	115-1	11585808	11727483	11452076	11588456	1.19	cps
Indium	115-2	4119682	4161908	4141752	4141114	0.51	cps
Iron	56-2	40504	42266	43048	41939	3.11	cps
Iron	57-2	1270	1247	1267	1261	1.00	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:00:59	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3987	3914	4054	3985	1.76	cps
Krypton	83-1	297	270	263	277	6.37	cps
Lead	206-1	833	733	827	798	7.01	cps
Lead	207-1	747	633	790	723	11.18	cps
Lead	208-1	3437	3110	3307	3285	5.01	cps
Lithium	6-1	5380849	5313222	5259449	5317840	1.14	cps
Magnesium	24-2	3314	3570	3650	3512	5.01	cps
Manganese	55-2	487	517	613	539	12.28	cps
Molybdenum	94-1	1097	897	880	958	12.59	cps
Molybdenum	95-1	1293	977	943	1071	18.04	cps
Molybdenum	96-1	1513	1100	1207	1273	16.85	cps
Molybdenum	97-1	773	597	527	632	20.11	cps
Molybdenum	98-1	1847	1427	1400	1558	16.08	cps
Neodymium	150-1	13	3	17	11	62.48	cps
Neodymium	150-2	0	7	13	7	99.98	cps
Nickel	60-2	63	83	60	69	18.32	cps
Phosphorus	31-2	533	553	480	522	7.26	cps
Potassium	39-2	75087	74722	74709	74839	0.29	cps
Rhodium	103-1	11140899	11177217	11141829	11153315	0.19	cps
Rhodium	103-2	6613640	6624378	6712366	6650128	0.81	cps
Scandium	45-1	8972169	9001865	8892710	8955581	0.63	cps
Scandium	45-2	700258	704416	697970	700881	0.47	cps
Selenium	82-1	131	153	122	135	12.07	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	327	367	367	353	6.54	cps
Silicon	28-1	681662	649135	647102	659300	2.94	cps
Silver	107-1	590	573	593	586	1.83	cps
Silver	109-1	640	460	377	492	27.34	cps
Sodium	23-2	45708	45664	46400	45924	0.90	cps
Strontium	86-1	1297	1177	1300	1258	5.59	cps
Strontium	88-1	7629	6291	7132	7017	9.63	cps
Sulfur	34-1	329204	329982	329615	329600	0.12	cps
Terbium	159-1	14620129	14556061	14637366	14604519	0.29	cps
Terbium	159-2	10323989	10298602	10222011	10281534	0.52	cps
Thallium	203-1	413	410	393	406	2.64	cps
Thallium	205-1	1020	903	923	949	6.58	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:00:59	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1080	917	1007	1001	8.17	cps
Titanium	47-1	323	277	377	326	15.37	cps
Uranium	238-1	293	253	290	279	7.96	cps
Vanadium	51-2	50	27	43	40	30.04	cps
Yttrium	89-1	19072329	19094598	19084034	19083653	0.06	cps
Yttrium	89-2	4697584	4679799	4653830	4677071	0.47	cps
Zinc	66-2	457	460	490	469	3.92	cps
Zirconium	90-1	1200	1110	1117	1142	4.39	cps
Zirconium	91-1	210	183	233	209	11.98	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:04:17	DataFile Name :	053LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7065	6838	7579	7161	5.30	cps
Antimony	121-1	18048	18605	18619	18424	1.77	cps
Arsenic	75-2	607	640	580	609	4.94	cps
Barium	135-1	25623	26034	25212	25623	1.60	cps
Barium	137-1	43948	43269	43146	43454	0.99	cps
Beryllium	9-1	3817	3944	3831	3864	1.80	cps
Bismuth	209-1	8787347	8966475	8754942	8836255	1.29	cps
Bismuth	209-2	7885396	7940236	8023650	7949761	0.88	cps
Boron	10-1	15278	16449	16462	16063	4.23	cps
Boron	11-1	68973	73597	77774	73448	5.99	cps
Bromine	81-1	42127	42916	44066	43036	2.27	cps
Bromine	81-2	87	63	70	73	16.39	cps
Cadmium	111-1	8074	8606	8211	8297	3.33	cps
Cadmium	106-1	7756	8116	7799	7890	2.49	cps
Cadmium	108-1	270	283	260	271	4.32	cps
Calcium	43-1	20554	20975	21242	20923	1.66	cps
Calcium	44-1	342512	349246	349690	347149	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12208	11868	12065	12047	1.42	cps
Cobalt	59-2	8506	8663	8609	8593	0.93	cps
Copper	63-2	13283	13389	13640	13437	1.36	cps
Dysprosium	156-1	17	10	7	11	45.82	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	100	83	107	97	12.44	cps
Erbium	164-2	73	53	53	60	19.25	cps
Gadolinium	160-1	77	100	107	94	16.68	cps
Gadolinium	160-2	510	440	557	502	11.69	cps
Holmium	165-1	14056312	13846601	14033933	13978949	0.82	cps
Holmium	165-2	10336702	10166355	10360530	10287863	1.03	cps
Indium	115-1	11399310	11694793	11545979	11546694	1.28	cps
Indium	115-2	4152101	4139793	4178176	4156690	0.47	cps
Iron	56-2	279059	281226	281837	280707	0.52	cps
Iron	57-2	7549	7038	7162	7250	3.67	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:04:17	DataFile Name :	053LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17574	17430	17010	17338	1.69	cps
Krypton	83-1	267	317	323	302	10.25	cps
Lead	206-1	8039	8773	8746	8519	4.89	cps
Lead	207-1	7202	7522	7299	7341	2.24	cps
Lead	208-1	33130	34080	33630	33613	1.41	cps
Lithium	6-1	5358328	5363353	5305787	5342490	0.60	cps
Magnesium	24-2	310287	309016	308147	309150	0.35	cps
Manganese	55-2	4617	4384	4571	4524	2.73	cps
Molybdenum	94-1	23679	24648	23903	24077	2.11	cps
Molybdenum	95-1	29289	29697	29814	29600	0.93	cps
Molybdenum	96-1	31420	32199	32392	32004	1.61	cps
Molybdenum	97-1	18025	18245	18205	18158	0.65	cps
Molybdenum	98-1	45461	47657	47076	46731	2.44	cps
Neodymium	150-1	17	10	10	12	31.50	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	2344	2267	2224	2278	2.67	cps
Phosphorus	31-2	873	933	770	859	9.62	cps
Potassium	39-2	405695	401191	405550	404145	0.63	cps
Rhodium	103-1	11190254	11140215	10936570	11089013	1.21	cps
Rhodium	103-2	6711664	6657468	6828268	6732467	1.30	cps
Scandium	45-1	8848257	8798662	8819654	8822191	0.28	cps
Scandium	45-2	704414	700237	719052	707901	1.40	cps
Selenium	82-1	1204	1156	1171	1177	2.07	cps
Selenium	77-2	103	63	100	89	24.97	cps
Selenium	78-2	763	663	790	739	9.04	cps
Silicon	28-1	719889	740457	736951	732432	1.50	cps
Silver	107-1	14784	14991	14728	14834	0.94	cps
Silver	109-1	13483	13853	14114	13817	2.29	cps
Sodium	23-2	537510	536726	536328	536854	0.11	cps
Strontium	86-1	4521	4587	4654	4587	1.45	cps
Strontium	88-1	34798	35837	35346	35327	1.47	cps
Sulfur	34-1	330320	327822	330984	329709	0.51	cps
Terbium	159-1	14468861	14597239	14482043	14516048	0.49	cps
Terbium	159-2	10264879	10201807	10492456	10319714	1.48	cps
Thallium	203-1	10381	10224	10184	10263	1.01	cps
Thallium	205-1	24265	24512	23958	24245	1.15	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:04:17	DataFile Name :	053LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	43860	45568	45395	44941	2.09	cps
Titanium	47-1	9456	9733	9630	9606	1.46	cps
Uranium	238-1	29413	29550	29467	29477	0.23	cps
Vanadium	51-2	22847	22260	22827	22645	1.47	cps
Yttrium	89-1	18937104	18774785	18954693	18888861	0.53	cps
Yttrium	89-2	4694943	4669415	4784197	4716185	1.28	cps
Zinc	66-2	2477	2507	2510	2498	0.74	cps
Zirconium	90-1	20111	20768	20685	20521	1.74	cps
Zirconium	91-1	4364	4647	4634	4549	3.52	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:07:32	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16567182	16654514	16552883	16591526	0.33	cps
Antimony	121-1	4320708	4359089	4375283	4351693	0.64	cps
Arsenic	75-2	270703	271142	270443	270762	0.13	cps
Barium	135-1	6673977	6800465	6737562	6737335	0.94	cps
Barium	137-1	11362052	11560250	11468107	11463470	0.87	cps
Beryllium	9-1	1579811	1655180	1629744	1621578	2.36	cps
Bismuth	209-1	7524807	7463412	7486222	7491481	0.41	cps
Bismuth	209-2	6737406	6738821	6673159	6716462	0.56	cps
Boron	10-1	295178	318528	322490	312065	4.73	cps
Boron	11-1	1361677	1483888	1519709	1455091	5.69	cps
Bromine	81-1	39620	40880	41402	40634	2.25	cps
Bromine	81-2	110	90	110	103	11.17	cps
Cadmium	111-1	1334765	1353154	1358190	1348703	0.91	cps
Cadmium	106-1	156321	161353	160365	159346	1.67	cps
Cadmium	108-1	106944	108186	107280	107470	0.60	cps
Calcium	43-1	9890341	10039456	10007726	9979174	0.79	cps
Calcium	44-1	154159334	156520321	153578951	154752869	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2691922	2664072	2624038	2660011	1.28	cps
Cobalt	59-2	4041478	4074111	4097231	4070940	0.69	cps
Copper	63-2	27484409	27879932	27392113	27585485	0.94	cps
Dysprosium	156-1	1333	1313	1307	1318	1.05	cps
Dysprosium	156-2	1140	1070	1153	1121	3.99	cps
Erbium	164-1	153	173	227	184	20.55	cps
Erbium	164-2	170	123	137	143	16.77	cps
Gadolinium	160-1	1413	1343	1383	1380	2.55	cps
Gadolinium	160-2	1417	1440	1510	1456	3.34	cps
Holmium	165-1	13247089	13427901	13302256	13325749	0.70	cps
Holmium	165-2	9783113	9772513	9716945	9757524	0.36	cps
Indium	115-1	10095708	10083592	10146137	10108479	0.33	cps
Indium	115-2	3745132	3726601	3693153	3721629	0.71	cps
Iron	56-2	580124418	581290005	583211245	581541889	0.27	cps
Iron	57-2	14238984	14268578	14255023	14254195	0.10	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:07:32	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	31851550	31579921	31621298	31684256	0.46	cps
Krypton	83-1	263	300	290	284	6.66	cps
Lead	206-1	20780210	21053083	20894181	20909158	0.66	cps
Lead	207-1	18349073	18778929	18810662	18646222	1.38	cps
Lead	208-1	83247391	84536606	84350755	84044917	0.83	cps
Lithium	6-1	4780362	4864777	4862495	4835878	0.99	cps
Magnesium	24-2	152235418	154833581	155678151	154249050	1.16	cps
Manganese	55-2	20023647	20075232	19832553	19977144	0.64	cps
Molybdenum	94-1	20640734	21058825	21024414	20907991	1.11	cps
Molybdenum	95-1	30694470	30756343	31058544	30836452	0.63	cps
Molybdenum	96-1	33174265	33030658	33340143	33181689	0.47	cps
Molybdenum	97-1	18700866	18961144	18899222	18853744	0.72	cps
Molybdenum	98-1	48029068	49051016	49436623	48838902	1.49	cps
Neodymium	150-1	850	807	713	790	8.84	cps
Neodymium	150-2	230	173	193	199	14.45	cps
Nickel	60-2	1003740	1009295	996703	1003246	0.63	cps
Phosphorus	31-2	174341	177658	176096	176032	0.94	cps
Potassium	39-2	79116782	79081814	79475977	79224858	0.28	cps
Rhodium	103-1	9321097	9343993	9372065	9345719	0.27	cps
Rhodium	103-2	5624611	5682948	5596872	5634810	0.78	cps
Scandium	45-1	8276640	8341637	8408876	8342385	0.79	cps
Scandium	45-2	675605	670333	666524	670821	0.68	cps
Selenium	82-1	108341	109035	110595	109324	1.06	cps
Selenium	77-2	10814	10694	10474	10661	1.62	cps
Selenium	78-2	34644	35873	35239	35252	1.74	cps
Silicon	28-1	27412780	28171315	28337805	27973967	1.76	cps
Silver	107-1	6873704	7084671	6931927	6963434	1.56	cps
Silver	109-1	6536154	6582835	6660340	6593110	0.95	cps
Sodium	23-2	244220163	245787176	248678470	246228603	0.92	cps
Strontium	86-1	48998534	50526906	50223694	49916378	1.62	cps
Strontium	88-1	431111487	441584153	441174873	437956838	1.35	cps
Sulfur	34-1	1030524	1042919	1039203	1037549	0.61	cps
Terbium	159-1	13805395	13858534	13713556	13792495	0.53	cps
Terbium	159-2	9802382	9833928	9747422	9794577	0.45	cps
Thallium	203-1	5108423	5166394	5234423	5169747	1.22	cps
Thallium	205-1	12116789	12326422	12113603	12185605	1.00	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:07:32	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4237342	4369454	4382856	4329884	1.86	cps
Titanium	47-1	9360613	9686860	9705108	9584194	2.02	cps
Uranium	238-1	17098982	17384834	17492131	17325316	1.17	cps
Vanadium	51-2	2326064	2314401	2324452	2321639	0.27	cps
Yttrium	89-1	17652327	17927423	17840126	17806625	0.79	cps
Yttrium	89-2	4469405	4435041	4384863	4429770	0.96	cps
Zinc	66-2	3941213	3988386	3912792	3947464	0.97	cps
Zirconium	90-1	10313034	10554276	10563966	10477092	1.36	cps
Zirconium	91-1	2273018	2301673	2314095	2296262	0.92	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:17:50	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	737	723	837	766	8.09	cps
Antimony	121-1	963	1017	1057	1012	4.63	cps
Arsenic	75-2	13	10	13	12	15.73	cps
Barium	135-1	153	117	123	131	14.90	cps
Barium	137-1	237	253	223	238	6.32	cps
Beryllium	9-1	237	213	233	228	5.54	cps
Bismuth	209-1	8779625	8698916	8704494	8727679	0.52	cps
Bismuth	209-2	7897946	7873908	7870453	7880769	0.19	cps
Boron	10-1	4701	4597	4304	4534	4.54	cps
Boron	11-1	21425	20484	20634	20847	2.43	cps
Bromine	81-1	42662	43334	43063	43019	0.79	cps
Bromine	81-2	137	150	150	146	5.29	cps
Cadmium	111-1	4926	4863	4964	4918	1.03	cps
Cadmium	106-1	6952	6905	7018	6958	0.82	cps
Cadmium	108-1	10	10	13	11	17.30	cps
Calcium	43-1	337	320	357	338	5.43	cps
Calcium	44-1	17362	16150	16467	16660	3.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1520	1533	1553	1536	1.09	cps
Cobalt	59-2	160	177	83	140	35.56	cps
Copper	63-2	1747	1750	1923	1807	5.59	cps
Dysprosium	156-1	17	10	13	13	25.01	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	120	123	97	113	12.82	cps
Erbium	164-2	67	40	47	51	27.15	cps
Gadolinium	160-1	80	73	63	72	11.62	cps
Gadolinium	160-2	577	487	457	507	12.33	cps
Holmium	165-1	14126350	13579109	13657362	13787607	2.15	cps
Holmium	165-2	10222610	10279456	10067780	10189949	1.08	cps
Indium	115-1	11744972	11310757	11442650	11499460	1.94	cps
Indium	115-2	4110361	4171885	4104906	4129050	0.90	cps
Iron	56-2	35569	34880	35512	35320	1.08	cps
Iron	57-2	973	1007	1107	1029	6.74	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:17:50	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3530	3564	3510	3535	0.76	cps
Krypton	83-1	300	233	297	277	13.58	cps
Lead	206-1	893	737	733	788	11.61	cps
Lead	207-1	797	660	677	711	10.49	cps
Lead	208-1	3570	2960	3134	3221	9.76	cps
Lithium	6-1	5371303	5243131	5366375	5326936	1.36	cps
Magnesium	24-2	3997	3871	3964	3944	1.67	cps
Manganese	55-2	530	570	667	589	11.93	cps
Molybdenum	94-1	820	743	747	770	5.63	cps
Molybdenum	95-1	927	830	967	908	7.74	cps
Molybdenum	96-1	1067	940	923	977	8.03	cps
Molybdenum	97-1	513	470	490	491	4.42	cps
Molybdenum	98-1	1500	1180	1343	1341	11.93	cps
Neodymium	150-1	0	10	7	6	91.64	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	80	77	87	81	6.28	cps
Phosphorus	31-2	500	533	473	502	5.99	cps
Potassium	39-2	75218	75459	75164	75280	0.21	cps
Rhodium	103-1	11286330	11079334	11092405	11152690	1.04	cps
Rhodium	103-2	6679276	6582533	6629676	6630495	0.73	cps
Scandium	45-1	8951723	8683116	8827517	8820785	1.52	cps
Scandium	45-2	703509	704730	694810	701016	0.77	cps
Selenium	82-1	138	195	102	145	32.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	320	400	380	367	11.35	cps
Silicon	28-1	617385	616085	620964	618145	0.41	cps
Silver	107-1	377	323	347	349	7.66	cps
Silver	109-1	320	257	227	268	17.80	cps
Sodium	23-2	43027	42712	42873	42871	0.37	cps
Strontium	86-1	1267	1240	1320	1276	3.19	cps
Strontium	88-1	8069	6915	7689	7558	7.78	cps
Sulfur	34-1	328454	328301	332691	329815	0.76	cps
Terbium	159-1	14738837	14503918	14218339	14487031	1.80	cps
Terbium	159-2	10264034	10353187	10303935	10307052	0.43	cps
Thallium	203-1	420	417	380	406	5.47	cps
Thallium	205-1	837	843	840	840	0.40	cps

LB Number :	LB124508	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-03-15 18:17:50	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1020	893	873	929	8.56	cps
Titanium	47-1	310	257	287	284	9.40	cps
Uranium	238-1	247	243	273	254	6.46	cps
Vanadium	51-2	47	43	47	46	4.23	cps
Yttrium	89-1	19447813	18794054	18942434	19061434	1.80	cps
Yttrium	89-2	4647081	4629523	4650928	4642511	0.25	cps
Zinc	66-2	483	553	547	528	7.32	cps
Zirconium	90-1	983	1080	1200	1088	9.98	cps
Zirconium	91-1	147	230	230	202	23.79	cps