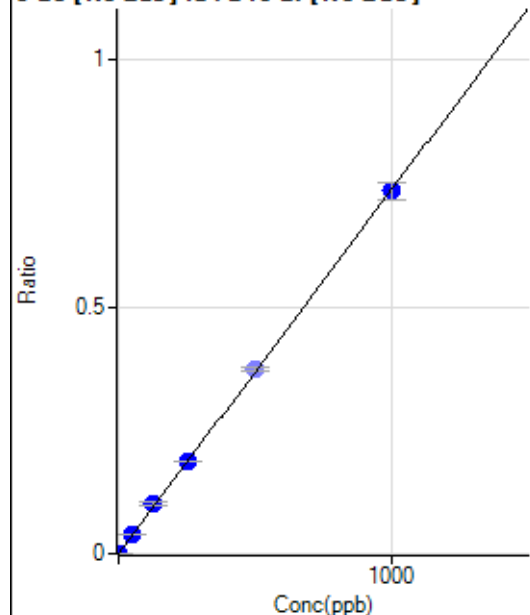


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8050321-MS.b\
Analysis File: P8050321-MS.batch.bin
DA Date-Time: 2021-05-03 16:02:06
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-05-03 14:09:48
2	006CALS.d	S02	2021-05-03 14:12:51
3	009CALS.d	S03	2021-05-03 14:21:57
4	010CALS.d	S04	2021-05-03 14:24:59
5	011CALS.d	S05	2021-05-03 14:27:58
6	012CALS.d	S06	2021-05-03 14:30:58
7	015CALS.d	S07	2021-05-03 14:57:29
8	016CALS.d	S08	2021-05-03 15:00:27

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0000	P	71.4
2	☐	1.000	1.187	647.89	0.0009	P	5.3
3	☐	50.000	52.543	30813.25	0.0387	P	2.8
4	☐	125.000	137.442	76494.19	0.1012	P	4.1
5	☐	250.000	254.559	149719.63	0.1875	P	0.6
6	☒	500.000		296660.83	0.3740	P	1.9
7	☐	1000.000	997.178	568961.46	0.7344	P	5.0
8	☐			79.32	0.0001	P	20.1

$$y = 7.3651E-004 * x + 1.7684E-005$$

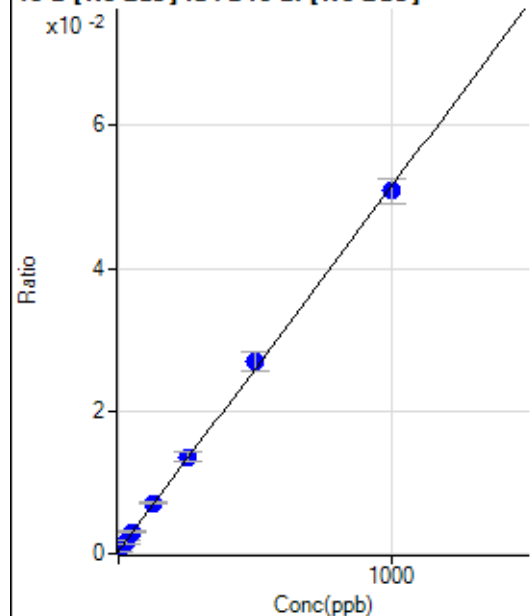
$$R = 0.9999$$

$$DL = 0.05142$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	285.95	0.0004	P	5.4
2	☐	25.000	24.593	1177.15	0.0016	P	19.0
3	☐	50.000	51.502	2393.06	0.0030	P	6.3
4	☐	125.000	131.556	5379.95	0.0071	P	5.9
5	☐	250.000	257.236	10794.53	0.0135	P	10.3
6	☐	500.000	519.067	21326.57	0.0269	P	9.6
7	☐	1000.000	987.773	39453.62	0.0508	P	6.8
8	☐			5395.28	0.0074	P	9.2

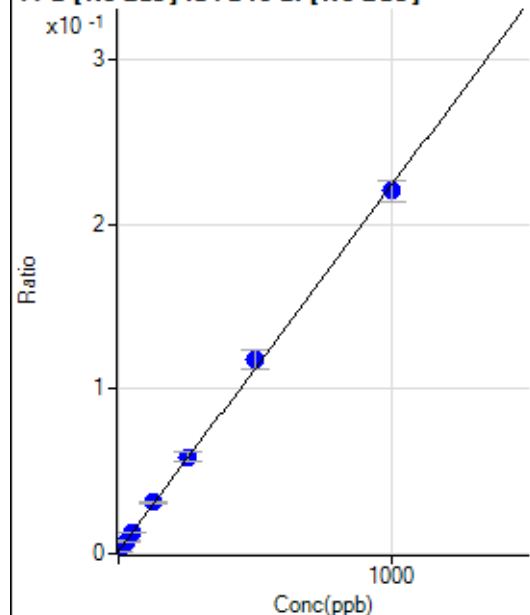
$$y = 5.1096E-005 * x + 3.7547E-004$$

$$R = 0.9997$$

$$DL = 1.189$$

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	1175.82	0.0015	P	5.8
2	☐	25.000	25.462	5198.57	0.0072	P	16.1
3	☐	50.000	51.074	10251.58	0.0129	P	8.1
4	☐	125.000	133.900	23687.72	0.0313	P	4.5
5	☐	250.000	257.381	46846.69	0.0587	P	9.4
6	☐	500.000	523.728	93377.41	0.1178	P	9.1
7	☐	1000.000	985.113	170869.39	0.2202	P	6.1
8	☐			23396.69	0.0322	P	7.6

$$y = 2.2195E-004 * x + 0.0015$$

R = 0.9995

DL = 1.219

Weight: <None>

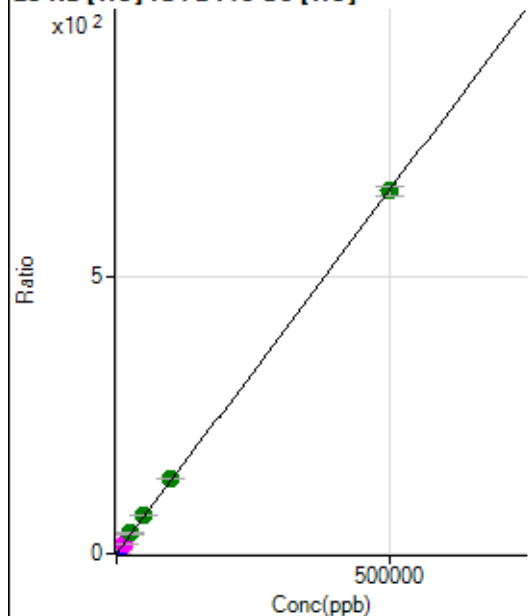
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2346723.10		A	1.5
2	☐			2737702.65		A	0.6
3	☐			2916269.03		A	1.9
4	☐			2913874.85		A	1.1
5	☐			2960310.72		A	1.6
6	☐			2947849.02		A	1.5
7	☐			2975109.72		A	0.9
8	☐			2856549.87		A	1.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			29714.05		P	3.7
2	☐			33842.47		P	1.8
3	☐			37793.46		P	1.4
4	☐			37478.95		P	2.5
5	☐			38347.96		P	2.0
6	☐			37158.68		P	1.7
7	☐			39651.29		P	1.2
8	☐			39857.32		P	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24877.21	0.4329	P	3.3
2	☐	500.000	525.071	64970.12	1.1240	P	0.9
3	☐	5000.000	5314.900	440185.98	7.4278	P	0.2
4	☐	12500.000	12600.237	1046534.62	17.0160	M	5.4
5	☐	25000.000	27993.387	2079853.41	37.2748	A	5.2
6	☐	50000.000	52060.292	3888143.32	68.9491	A	0.6
7	☐	100000.00	102697.00	7900712.07	135.5918	A	0.3
8	☐	500000.00	499099.22	38947812.68	657.2941	A	2.8

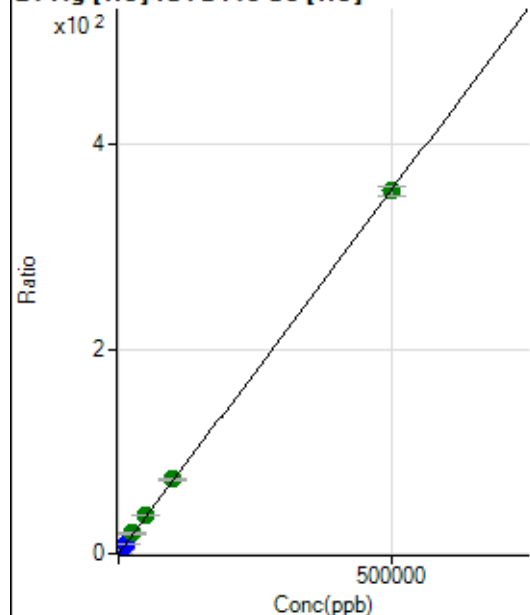
$$y = 0.0013 * x + 0.4329$$

$$R = 1.0000$$

$$DL = 32.12$$

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	258.34	0.0045	P	29.9
2	☐	500.000	520.189	21605.34	0.3738	P	2.7
3	☐	5000.000	5387.224	226917.89	3.8293	P	1.0
4	☐	12500.000	12580.861	549458.01	8.9366	P	5.5
5	☐	25000.000	27973.341	1108671.34	19.8650	A	4.5
6	☐	50000.000	53201.212	2130269.97	37.7762	A	0.6
7	☐	100000.00	102362.96	4234700.92	72.6800	A	1.4
8	☐	500000.00	499052.70	20994807.07	354.3211	A	2.9

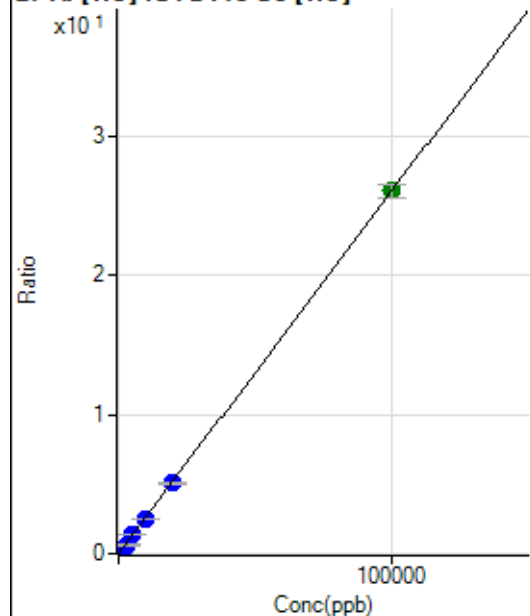
$$y = 7.0998\text{E-}004 * x + 0.0045$$

$$R = 1.0000$$

$$DL = 5.691$$

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	211.64	0.0037	P	12.6
2	☐	20.000	18.990	498.70	0.0086	P	1.4
3	☐	1000.000	1036.038	16190.29	0.2732	P	1.6
4	☐	2500.000	2340.830	37653.68	0.6127	P	6.5
5	☐	5000.000	5197.062	75682.80	1.3558	P	3.7
6	☐	10000.000	9748.777	143235.07	2.5400	P	0.5
7	☐	20000.000	19410.087	294453.30	5.0536	P	1.1
8	☐	100000.00	100136.87	1543590.78	26.0561	A	3.9

$$y = 2.6017\text{E-}004 * x + 0.0037$$

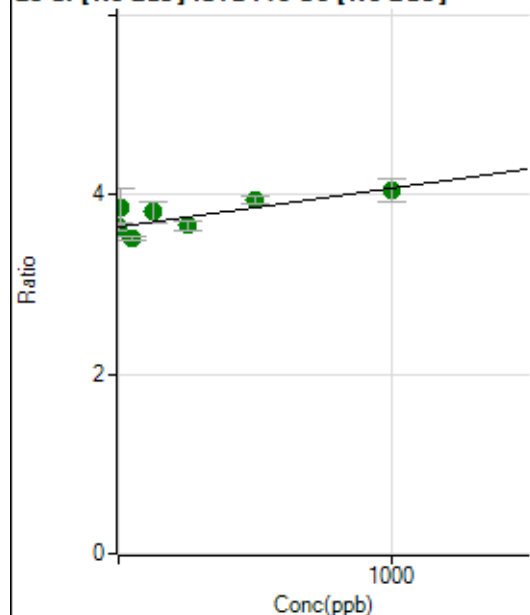
$$R = 1.0000$$

$$DL = 5.35$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5929803.95	3.6392	A	2.0
2	☐	10.000	523.912	5958034.42	3.8649	A	10.0
3	☐	50.000	-285.581	5987093.71	3.5161	A	1.4
4	☐	125.000	378.247	6103823.53	3.8021	A	6.5
5	☐	250.000	43.510	6345791.16	3.6579	A	2.9
6	☐	500.000	702.596	6712999.76	3.9419	A	2.6
7	☐	1000.000	930.309	7298056.59	4.0400	A	6.5
8	☐			6368089.81	3.7687	A	4.0

$$y = 4.3085\text{E-}004 * x + 3.6392$$

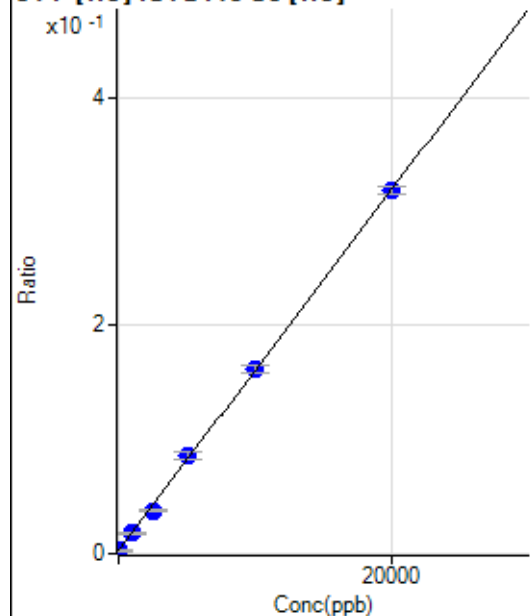
$$R = 0.7418$$

$$DL = 505.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	24.652	186.12	0.0032	P	17.0
2	☐	0.000	-24.652	141.67	0.0025	P	10.4
3	☐	1000.000	951.720	1061.18	0.0179	P	6.0
4	☐	2500.000	2204.818	2328.03	0.0377	P	2.0
5	☐	5000.000	5269.412	4809.26	0.0863	P	8.2
6	☐	10000.000	10076.927	9155.89	0.1624	P	4.0
7	☐	20000.000	19933.495	18553.96	0.3184	P	2.0
8	☐			133.34	0.0022	P	27.6

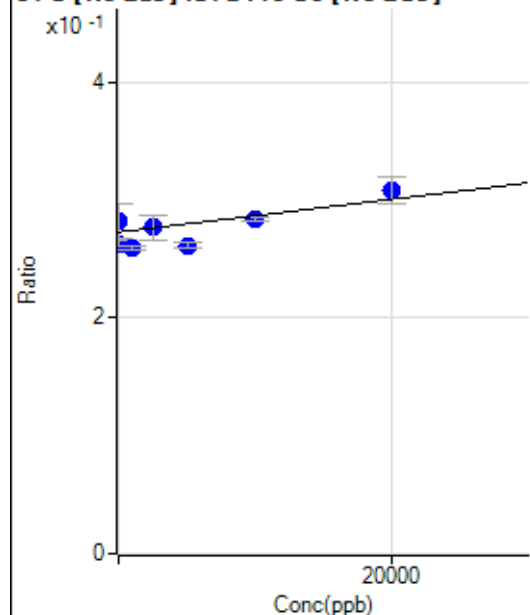
$$y = 1.5831\text{E-}005 * x + 0.0028$$

$$R = 0.9997$$

$$DL = 76.28$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-6782.378	429157.86	0.2634	P	2.1
2	☐	0.000	6782.378	435161.30	0.2823	P	10.1
3	☐	1000.000	-9898.332	441089.72	0.2590	P	1.0
4	☐	2500.000	2670.626	443799.96	0.2766	P	7.4
5	☐	5000.000	-7918.759	454233.27	0.2618	P	2.1
6	☐	10000.000	7413.758	482299.49	0.2832	P	1.1
7	☐	20000.000	25046.399	555677.17	0.3078	P	7.3
8	☐			387076.43	0.2290	P	3.1

$$y = 1.3940\text{E-}006 * x + 0.2728$$

$$R = 0.8140$$

$$DL = 3.669\text{E+}04$$

Weight: <None>

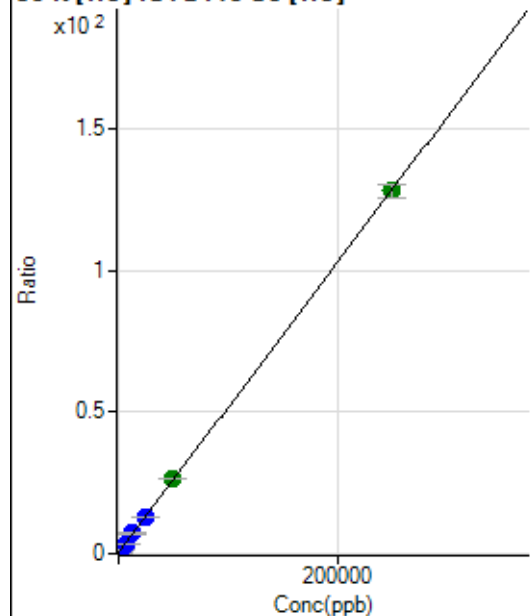
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			161712.91		P	1.1
2	☐			175454.49		P	1.5
3	☐			208666.51		P	1.5
4	☐			198629.88		P	0.9
5	☐			194548.27		P	1.0
6	☐			178596.92		P	1.5
7	☐			162993.49		P	1.6
8	☐			170137.77		P	0.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1441.78		P	10.3
2	☐			1547.35		P	7.5
3	☐			1816.82		P	8.0
4	☐			1852.94		P	5.4
5	☐			1766.83		P	8.2
6	☐			1530.69		P	6.0
7	☐			1555.70		P	11.8
8	☐			1547.34		P	14.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19521.93	0.3396	P	2.4
2	☐	500.000	516.795	34929.00	0.6044	P	2.8
3	☐	2500.000	2603.304	99181.46	1.6737	P	1.2
4	☐	6250.000	5932.403	207710.47	3.3798	P	6.3
5	☐	12500.000	13303.531	399504.08	7.1574	P	4.0
6	☐	25000.000	25081.512	743999.52	13.1933	P	0.6
7	☐	50000.000	51307.100	1551837.36	26.6334	A	1.2
8	☐	250000.00	249697.12	7601818.83	128.3043	A	3.4

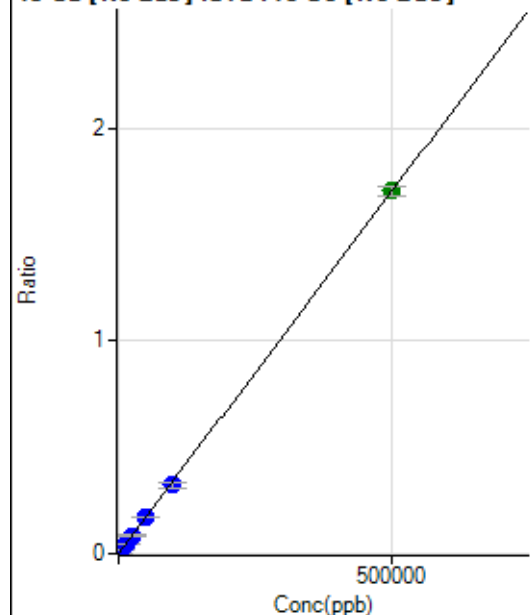
$$y = 5.1248\text{E-}004 * x + 0.3396$$

$$R = 1.0000$$

$$DL = 46.93$$

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	196.64	0.0001	P	9.2
2	☐	500.000	520.956	2915.77	0.0019	P	11.0
3	☐	5000.000	5208.305	30371.38	0.0178	P	1.2
4	☐	12500.000	13681.837	74898.96	0.0467	P	6.7
5	☐	25000.000	25100.208	148325.15	0.0855	P	2.7
6	☐	50000.000	50504.534	292753.59	0.1719	P	2.8
7	☐	100000.00	94418.420	580053.86	0.3213	P	7.7
8	☐	500000.00	501029.20	2880736.32	1.7044	A	2.8

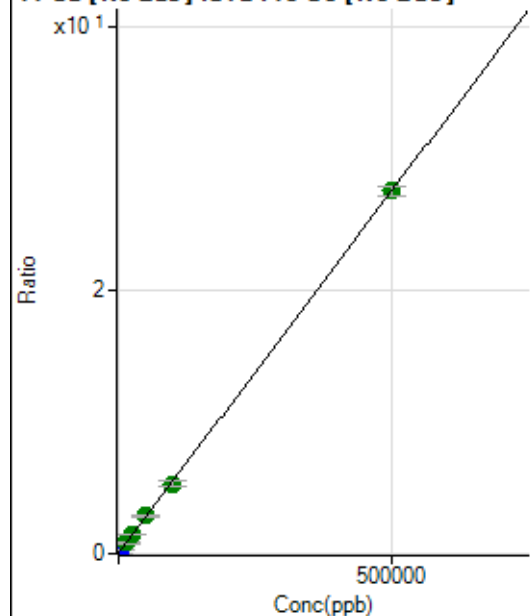
$$y = 3.4015\text{E-}006 * x + 1.2059\text{E-}004$$

$$R = 0.9999$$

$$DL = 9.796$$

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	54574.92	0.0335	P	1.3
2	☐	500.000	533.763	96896.12	0.0628	P	9.7
3	☐	5000.000	5083.672	533064.49	0.3130	P	0.3
4	☐	12500.000	14169.956	1304793.84	0.8127	A	6.3
5	☐	25000.000	25636.646	2504459.16	1.4432	A	1.9
6	☐	50000.000	51701.317	4898516.19	2.8765	A	2.9
7	☐	100000.00	96117.676	9607455.23	5.3190	A	6.6
8	☐	500000.00	500531.88	46580834.14	27.5576	A	2.5

$$y = 5.4990\text{E-}005 * x + 0.0335$$

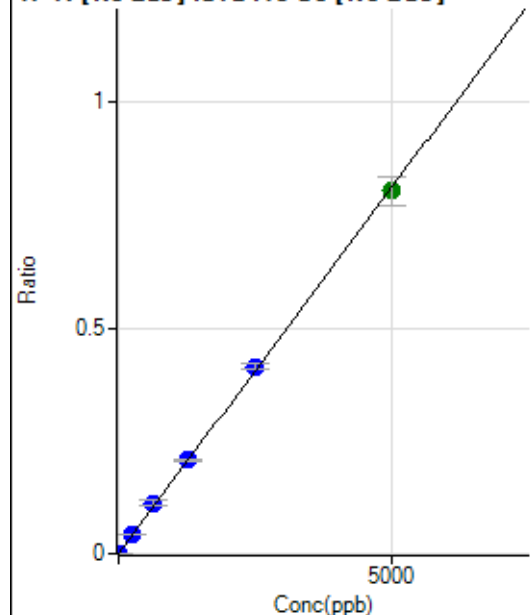
$$R = 0.9999$$

$$DL = 23.89$$

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	200.01	0.0001	P	16.2
2	☐	5.000	6.319	1758.49	0.0011	P	18.4
3	☐	250.000	265.970	73594.31	0.0432	P	1.0
4	☐	625.000	694.410	180643.81	0.1126	P	8.7
5	☐	1250.000	1274.565	358557.45	0.2066	P	1.5
6	☐	2500.000	2553.230	704684.32	0.4138	P	3.3
7	☐	5000.000	4957.768	1449988.06	0.8034	A	8.3
8	☐			472.24	0.0003	P	11.5

$$y = 1.6203\text{E-}004 * x + 1.2242\text{E-}004$$

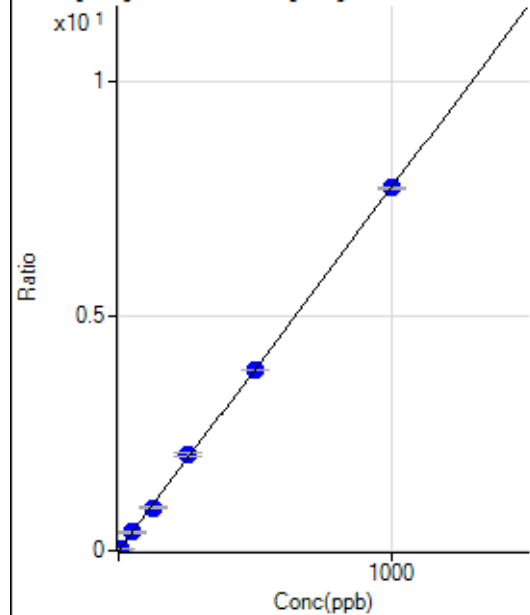
$$R = 0.9998$$

$$DL = 0.3678$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.44	0.0003	P	79.9
2	☐	5.000	5.253	2368.00	0.0410	P	2.1
3	☐	50.000	50.613	23253.46	0.3924	P	2.8
4	☐	125.000	118.601	56494.37	0.9192	P	6.3
5	☐	250.000	265.039	114628.99	2.0539	P	4.8
6	☐	500.000	496.549	216984.87	3.8478	P	0.6
7	☐	1000.000	998.734	450927.67	7.7390	P	0.7
8	☐			94.45	0.0016	P	14.6

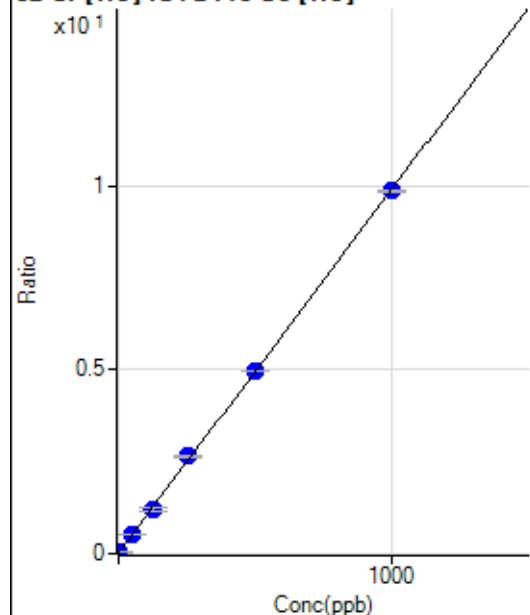
$$y = 0.0077 * x + 2.5069\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.07752$$

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	1007.82	0.0175	P	3.8
2	☐	2.000	1.980	2144.62	0.0371	P	3.8
3	☐	50.000	51.659	31316.50	0.5285	P	1.9
4	☐	125.000	119.935	73938.56	1.2038	P	7.5
5	☐	250.000	265.841	147752.69	2.6468	P	3.6
6	☐	500.000	499.805	279756.76	4.9609	P	0.5
7	☐	1000.000	996.688	575413.73	9.8754	P	0.4
8	☐			4606.34	0.0777	P	1.6

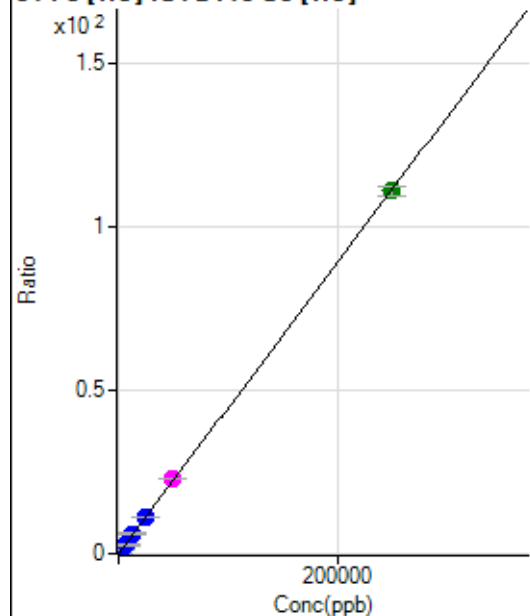
$$y = 0.0099 * x + 0.0175$$

$$R = 0.9998$$

$$DL = 0.2041$$

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	425.94	0.0074	P	14.5
2	☐	50.000	54.415	1824.22	0.0316	P	3.1
3	☐	2500.000	2579.392	68297.51	1.1526	P	1.3
4	☐	6250.000	6109.312	167138.41	2.7197	P	6.6
5	☐	12500.000	13602.590	337454.54	6.0465	P	4.6
6	☐	25000.000	25260.892	632841.10	11.2224	P	0.9
7	☐	50000.000	51257.595	1326489.29	22.7640	M	1.1
8	☐	250000.00	249669.98	6569030.07	110.8521	A	2.7

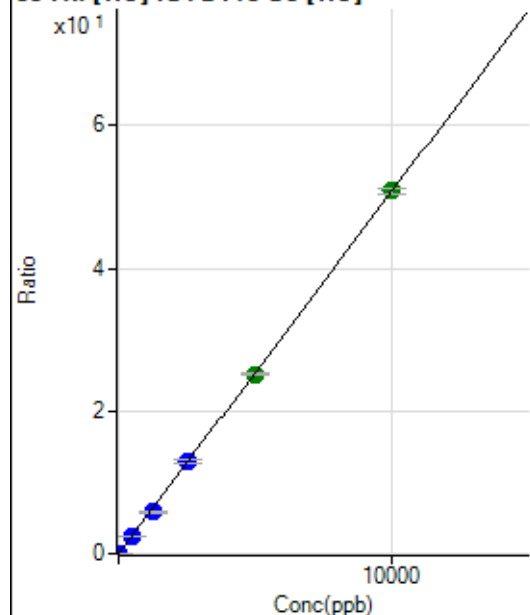
$$y = 4.4397E-004 * x + 0.0074$$

$$R = 1.0000$$

$$DL = 7.28$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60.93	0.0011	P	26.9
2	☐	1.000	1.158	400.70	0.0069	P	5.1
3	☐	500.000	490.210	147405.86	2.4875	P	1.2
4	☐	1250.000	1146.821	357633.74	5.8181	P	6.3
5	☐	2500.000	2540.612	719304.71	12.8878	P	4.3
6	☐	5000.000	4954.174	1417147.86	25.1300	A	1.1
7	☐	10000.000	10026.147	2963143.00	50.8565	A	1.5
8	☐			1742.68	0.0294	P	8.7

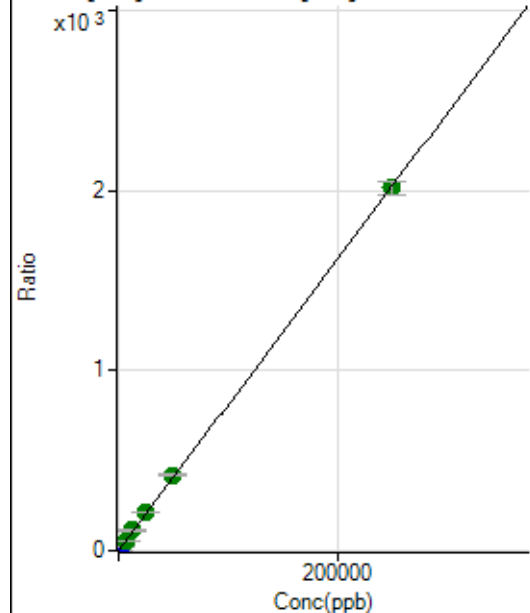
$$y = 0.0051 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.1695$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2053.88	0.0357	P	4.3
2	☐	50.000	52.602	26632.51	0.4606	P	2.7
3	☐	2500.000	2583.926	1239031.42	20.9084	P	0.9
4	☐	6250.000	6357.688	3158862.92	51.3925	A	6.6
5	☐	12500.000	13916.331	6275057.49	112.4504	A	4.9
6	☐	25000.000	26342.693	12001928.16	212.8292	A	0.9
7	☐	50000.000	51891.538	24424456.80	419.2101	A	2.4
8	☐	250000.00	249413.07	119358528.6	2,014.768	A	3.9

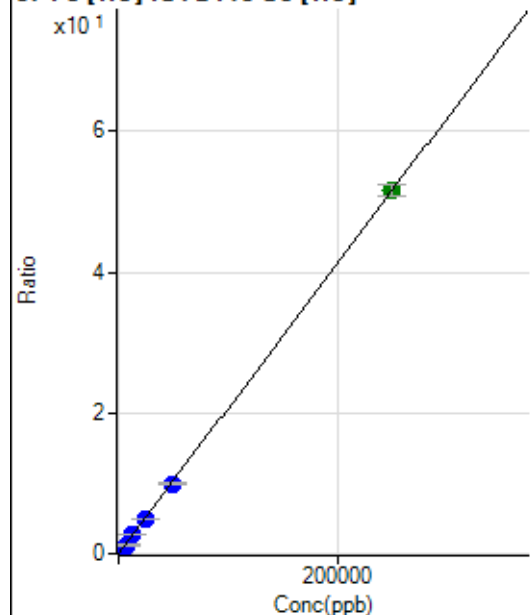
$$y = 0.0081 * x + 0.0357$$

$$R = 1.0000$$

$$DL = 0.5745$$

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	74.08	0.0013	P	16.6
2	☐	50.000	51.322	685.21	0.0119	P	3.6
3	☐	2500.000	2564.020	31364.31	0.5293	P	2.4
4	☐	6250.000	5868.017	74318.96	1.2097	P	7.1
5	☐	12500.000	13019.343	149723.19	2.6824	P	4.1
6	☐	25000.000	24444.216	283947.20	5.0352	P	0.2
7	☐	50000.000	48428.515	581171.84	9.9745	P	1.2
8	☐	250000.00	250352.81	3054788.64	51.5580	A	3.3

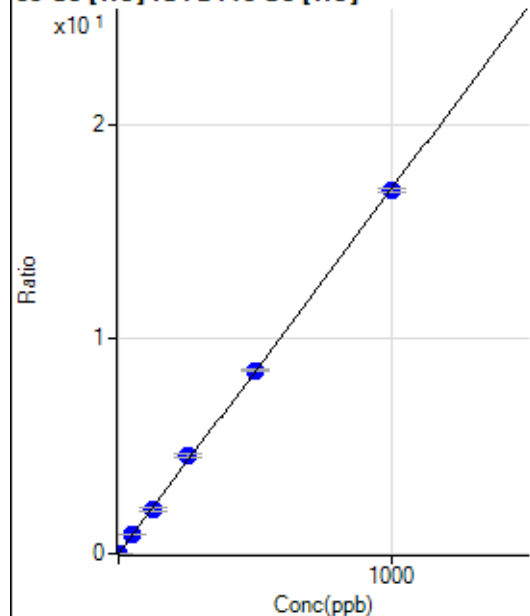
$$y = 2.0594\text{E-}004 * x + 0.0013$$

$$R = 1.0000$$

$$DL = 3.106$$

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	46.67	0.0008	P	55.0
2	☐	1.000	1.005	1034.50	0.0179	P	9.6
3	☐	50.000	51.715	52148.36	0.8800	P	2.0
4	☐	125.000	120.398	125857.18	2.0477	P	6.6
5	☐	250.000	268.270	254590.73	4.5617	P	4.5
6	☐	500.000	502.437	481742.36	8.5428	P	0.7
7	☐	1000.000	994.703	985390.04	16.9119	P	1.1
8	☐			1461.20	0.0246	P	2.9

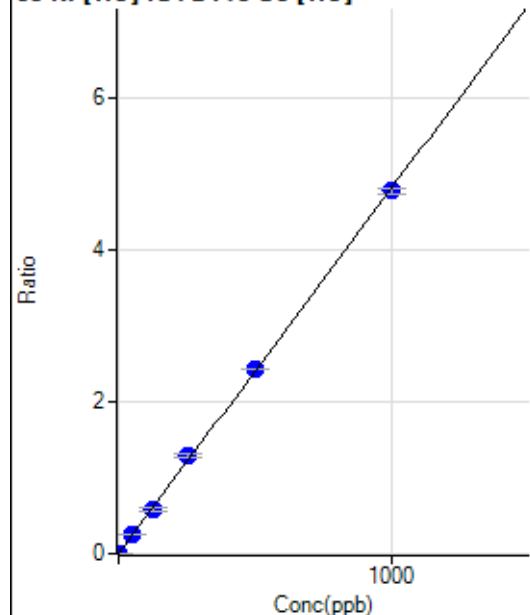
$$y = 0.0170 * x + 8.0997\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.07855$$

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	113.34	0.0020	P	3.3
2	☐	1.000	1.009	394.45	0.0068	P	12.4
3	☐	50.000	52.929	15225.99	0.2569	P	0.7
4	☐	125.000	121.543	36095.71	0.5875	P	6.8
5	☐	250.000	268.646	72322.52	1.2961	P	5.1
6	☐	500.000	505.380	137396.75	2.4365	P	0.1
7	☐	1000.000	992.934	278804.16	4.7851	P	1.3
8	☐			1098.94	0.0186	P	6.2

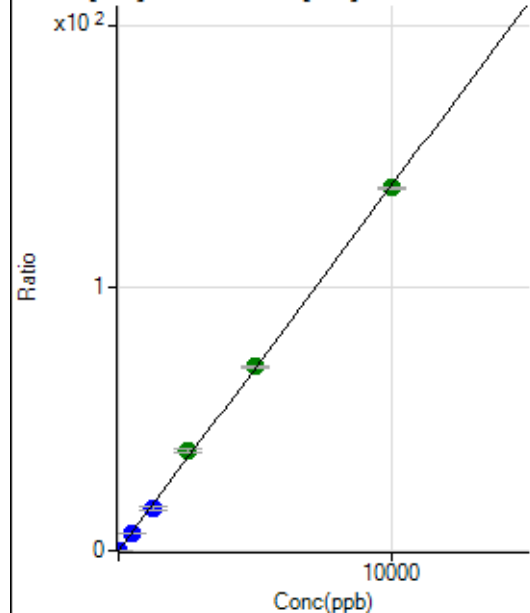
$$y = 0.0048 * x + 0.0020$$

$$R = 0.9998$$

$$DL = 0.04104$$

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	226.67	0.0039	P	10.4
2	☐	2.000	1.747	1632.33	0.0282	P	0.7
3	☐	500.000	496.224	409064.05	6.9030	P	0.9
4	☐	1250.000	1151.687	984264.12	16.0160	P	6.6
5	☐	2500.000	2733.172	2121111.15	38.0037	A	4.2
6	☐	5000.000	5036.450	3948841.89	70.0265	A	1.6
7	☐	10000.000	9935.960	8049389.88	138.1452	A	0.9
8	☐			5152.09	0.0870	P	5.2

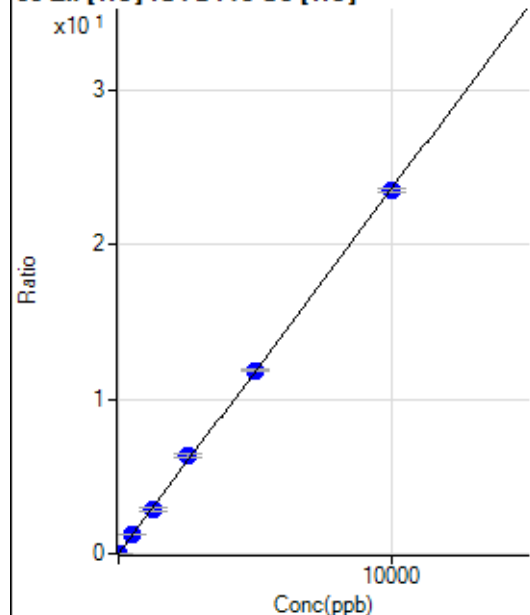
$$y = 0.0139 * x + 0.0039$$

$$R = 0.9996$$

$$DL = 0.08871$$

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	217.78	0.0038	P	7.2
2	☐	2.000	1.852	471.55	0.0082	P	8.1
3	☐	500.000	520.091	72899.15	1.2302	P	1.3
4	☐	1250.000	1200.664	174244.38	2.8350	P	6.5
5	☐	2500.000	2698.228	355386.63	6.3664	P	3.6
6	☐	5000.000	5017.518	667420.18	11.8355	P	0.7
7	☐	10000.000	9946.846	1366889.67	23.4592	P	1.0
8	☐			3103.41	0.0524	P	4.7

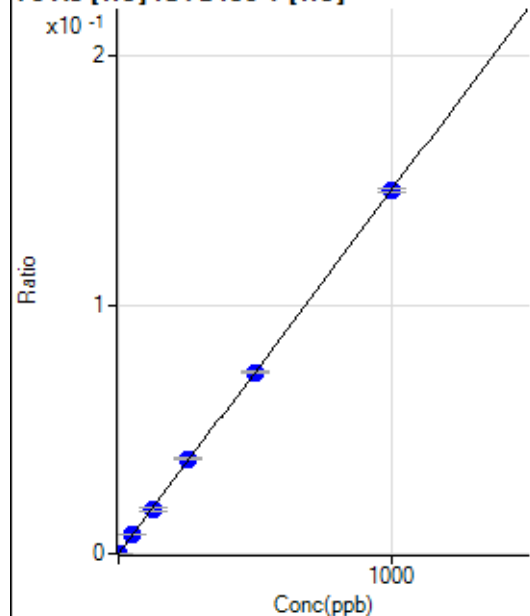
$$y = 0.0024 * x + 0.0038$$

$$R = 0.9997$$

$$DL = 0.3495$$

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	4.00	0.0000	P	65.4
2	☐	1.000	1.013	74.01	0.0002	P	5.4
3	☐	50.000	50.804	3608.16	0.0074	P	1.4
4	☐	125.000	121.951	8887.36	0.0178	P	7.0
5	☐	250.000	261.190	17685.81	0.0382	P	2.3
6	☐	500.000	499.129	33987.02	0.0729	P	0.5
7	☐	1000.000	997.979	69897.42	0.1458	P	0.9
8	☐			29.00	0.0001	P	34.6

$$y = 1.4608E-004 * x + 8.4380E-006$$

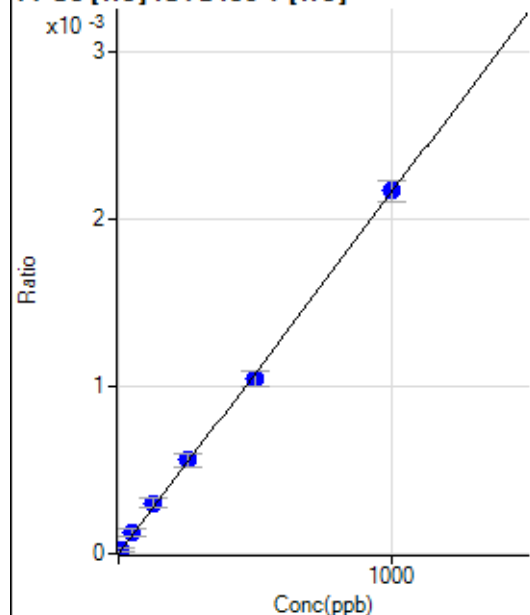
$$R = 0.9999$$

$$DL = 0.1133$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	9.765	10.00	0.0000	P	87.7
3	☐	50.000	58.421	61.11	0.0001	P	36.5
4	☐	125.000	139.592	150.00	0.0003	P	18.6
5	☐	250.000	259.052	258.90	0.0006	P	14.2
6	☐	500.000	482.108	484.46	0.0010	P	8.8
7	☐	1000.000	1004.414	1037.83	0.0022	P	6.1
8	☐			4.44	0.0000	P	113.

$$y = 2.1553\text{E-}006 * x + 0.0000\text{E+}000$$

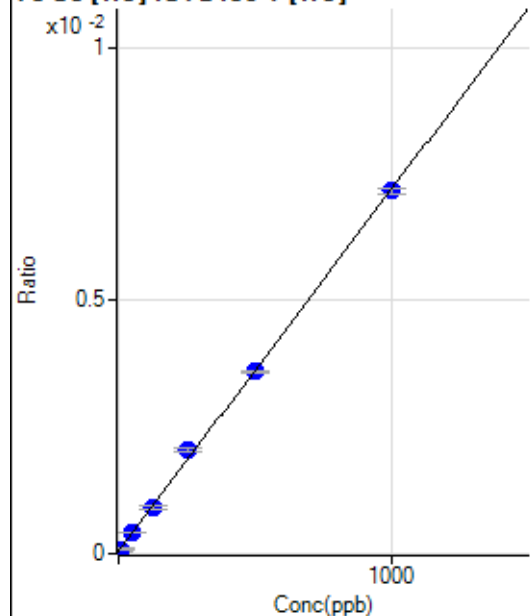
$$R = 0.9996$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.33	0.0000	P	13.4
2	☐	5.000	6.399	44.00	0.0001	P	27.1
3	☐	50.000	51.440	201.69	0.0004	P	7.5
4	☐	125.000	120.926	455.39	0.0009	P	5.5
5	☐	250.000	277.943	942.80	0.0020	P	3.7
6	☐	500.000	496.308	1676.28	0.0036	P	1.3
7	☐	1000.000	995.290	3434.77	0.0072	P	1.9
8	☐			25.00	0.0001	P	6.4

$$y = 7.1505\text{E-}006 * x + 4.7498\text{E-}005$$

$$R = 0.9995$$

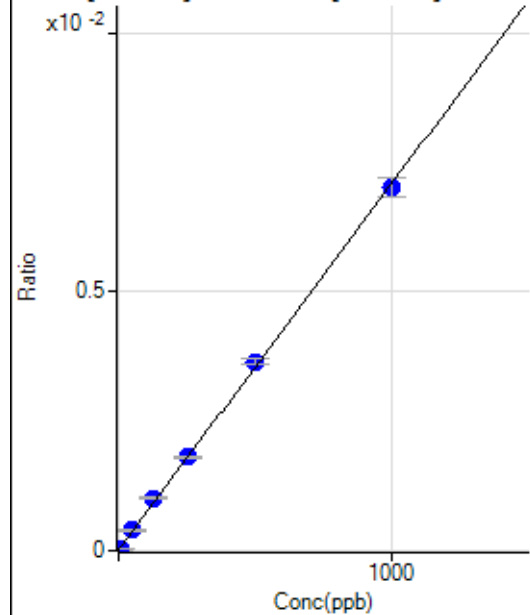
$$DL = 2.669$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1538.34		P	11.8
2	☐			1378.16		P	17.9
3	☐			1248.02		P	5.3
4	☐			1334.77		P	4.6
5	☐			1241.34		P	21.4
6	☐			1338.11		P	7.6
7	☐			1288.05		P	10.9
8	☐			1424.87		P	2.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	37.32	0.0000	P	84.0
2	☐	5.000	3.927	139.18	0.0000	P	64.7
3	☐	50.000	54.334	1589.05	0.0004	P	5.6
4	☐	125.000	142.615	3853.40	0.0010	P	3.9
5	☐	250.000	254.226	7389.88	0.0018	P	2.7
6	☐	500.000	515.032	14696.15	0.0037	P	3.3
7	☐	1000.000	989.014	29459.48	0.0070	P	5.2
8	☐			78.76	0.0000	P	62.4

$$y = 7.0799\text{E-}006 * x + 9.7902\text{E-}006$$

$$R = 0.9997$$

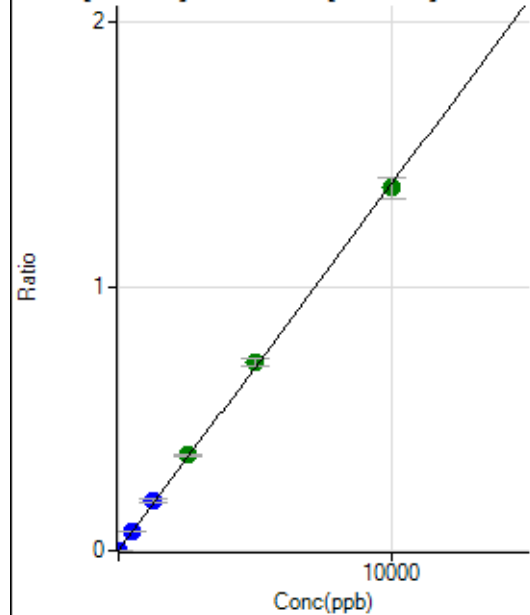
$$DL = 3.484$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1832.36		P	2.0
2	☐			1860.14		P	6.6
3	☐			1832.36		P	4.8
4	☐			1790.13		P	6.7
5	☐			1809.03		P	5.3
6	☐			1769.02		P	2.1
7	☐			1846.81		P	1.6
8	☐			1742.35		P	2.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2958.72	0.0008	P	6.5
2	☐	1.000	1.183	3389.38	0.0009	P	9.0
3	☐	500.000	512.116	289518.53	0.0719	P	1.3
4	☐	1250.000	1353.029	712693.31	0.1886	P	5.0
5	☐	2500.000	2601.427	1478048.77	0.3620	A	3.2
6	☐	5000.000	5133.898	2868158.03	0.7136	A	3.2
7	☐	10000.000	9894.210	5773493.40	1.3745	A	6.1
8	☐			6979.69	0.0017	P	4.5

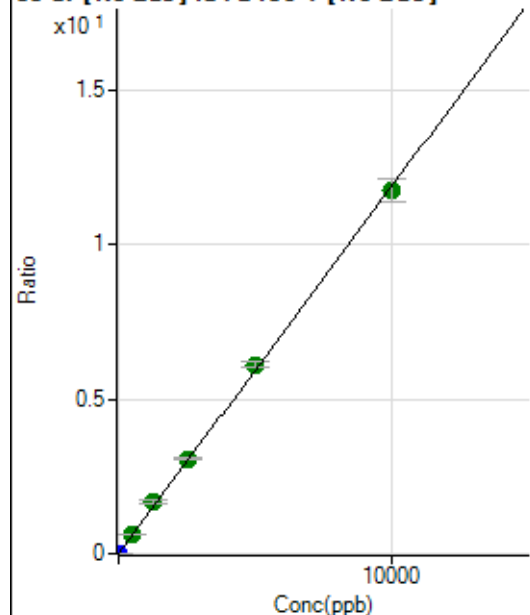
$$y = 1.3884\text{E-}004 * x + 7.7890\text{E-}004$$

$$R = 0.9998$$

$$DL = 1.1$$

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	150.00	0.0000	P	14.2
2	☐	1.000	1.135	4981.56	0.0014	P	11.9
3	☐	500.000	537.153	2570138.97	0.6381	A	0.4
4	☐	1250.000	1400.640	6282605.82	1.6638	A	6.8
5	☐	2500.000	2587.750	12552337.61	3.0739	A	3.0
6	☐	5000.000	5145.576	24568643.09	6.1121	A	2.9
7	☐	10000.000	9884.587	49317346.59	11.7413	A	6.5
8	☐			34827.34	0.0087	P	0.6

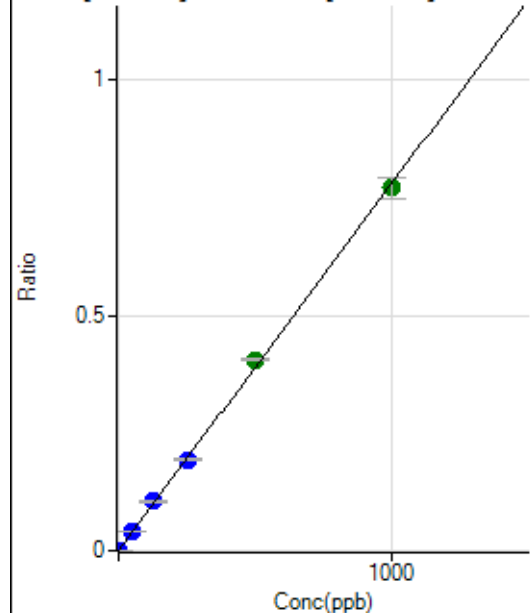
$$y = 0.0012 * x + 3.9457E-005$$

$$R = 0.9997$$

$$DL = 0.01413$$

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	191.67	0.0001	P	18.4
2	☐	1.000	1.039	3089.31	0.0009	P	10.5
3	☐	50.000	50.847	159912.78	0.0397	P	0.6
4	☐	125.000	133.952	394869.22	0.1045	P	5.1
5	☐	250.000	248.263	790810.16	0.1937	P	2.4
6	☐	500.000	521.054	1633696.42	0.4064	A	1.8
7	☐	1000.000	988.746	3238904.09	0.7711	A	5.8
8	☐			1419.56	0.0004	P	11.9

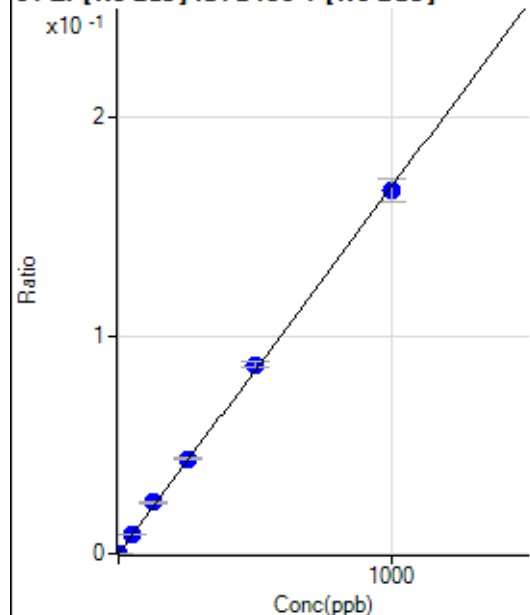
$$y = 7.7982E-004 * x + 5.0404E-005$$

$$R = 0.9996$$

$$DL = 0.03559$$

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	38.89	0.0000	P	33.0
2	☐	1.000	1.106	705.59	0.0002	P	9.6
3	☐	50.000	53.033	35988.89	0.0089	P	0.6
4	☐	125.000	139.265	88603.47	0.0234	P	4.5
5	☐	250.000	257.844	177255.45	0.0434	P	1.7
6	☐	500.000	514.452	348036.95	0.0866	P	3.1
7	☐	1000.000	988.878	699023.10	0.1664	P	6.3
8	☐			252.78	0.0001	P	11.5

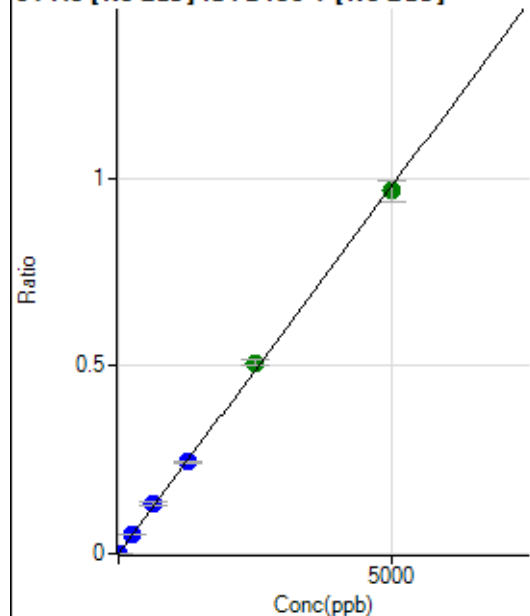
$$y = 1.6829E-004 * x + 1.0244E-005$$

$$R = 0.9997$$

$$DL = 0.06017$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	10.3
2	☐	5.000	5.510	3964.59	0.0011	P	9.9
3	☐	250.000	257.083	202599.04	0.0503	P	0.4
4	☐	625.000	678.282	501304.24	0.1327	P	4.7
5	☐	1250.000	1251.744	999773.40	0.2448	P	2.2
6	☐	2500.000	2603.334	2046341.73	0.5091	A	3.7
7	☐	5000.000	4940.882	4058271.01	0.9663	A	6.0
8	☐			1505.68	0.0004	P	3.5

$$y = 1.9556E-004 * x + 2.4859E-005$$

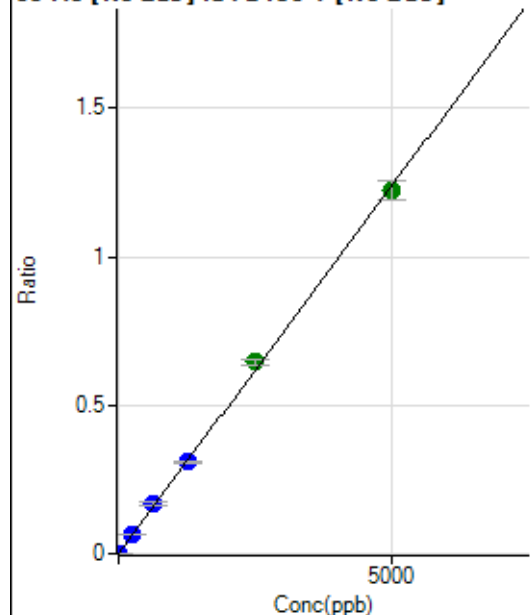
$$R = 0.9996$$

$$DL = 0.03932$$

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	33.33	0.0000	P	49.4
2	☐	5.000	5.471	4887.10	0.0014	P	11.7
3	☐	250.000	256.215	255288.61	0.0634	P	0.9
4	☐	625.000	678.102	633575.77	0.1677	P	5.8
5	☐	1250.000	1246.226	1258793.70	0.3083	P	2.6
6	☐	2500.000	2611.801	2596830.68	0.6460	A	2.9
7	☐	5000.000	4938.094	5131383.14	1.2214	A	5.3
8	☐			1739.05	0.0004	P	14.5

$$y = 2.4734\text{E-}004 * x + 8.7529\text{E-}006$$

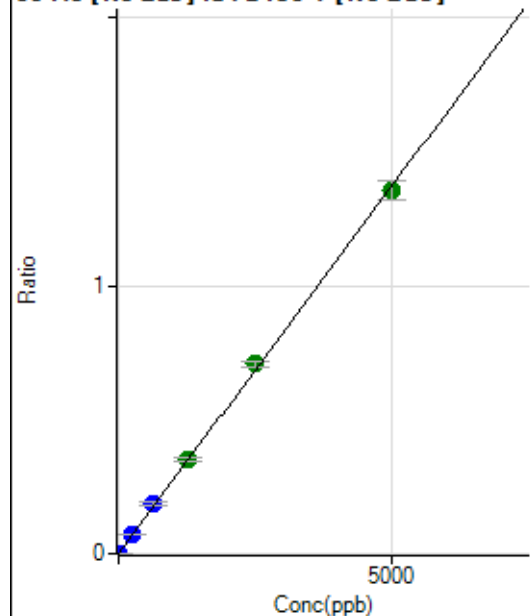
$$R = 0.9996$$

$$DL = 0.0525$$

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	72.22	0.0000	P	24.0
2	☐	5.000	5.511	5487.34	0.0015	P	9.5
3	☐	250.000	256.690	283065.90	0.0703	P	1.4
4	☐	625.000	677.566	700607.98	0.1855	P	5.8
5	☐	1250.000	1284.144	1435371.53	0.3515	A	2.9
6	☐	2500.000	2586.926	2846221.72	0.7081	A	3.3
7	☐	5000.000	4941.095	5681843.14	1.3525	A	5.4
8	☐			2033.55	0.0005	P	8.8

$$y = 2.7371\text{E-}004 * x + 1.9010\text{E-}005$$

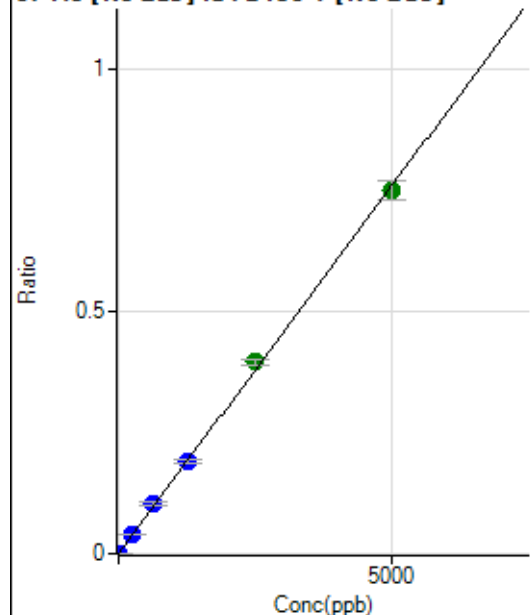
$$R = 0.9997$$

$$DL = 0.05007$$

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	13.89	0.0000	P	35.1
2	☐	5.000	5.433	2986.52	0.0008	P	5.2
3	☐	250.000	257.393	157554.71	0.0391	P	1.2
4	☐	625.000	680.631	390752.39	0.1034	P	5.4
5	☐	1250.000	1254.122	778248.28	0.1906	P	2.8
6	☐	2500.000	2610.371	1594532.63	0.3967	A	2.7
7	☐	5000.000	4936.460	3151680.71	0.7501	A	5.1
8	☐			1122.30	0.0003	P	15.8

$$y = 1.5196\text{E-}004 * x + 3.6603\text{E-}006$$

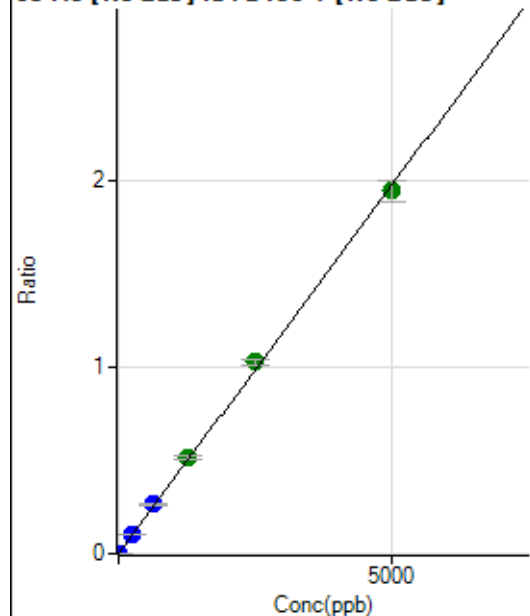
$$R = 0.9996$$

$$DL = 0.02534$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	67.2
2	☐	5.000	5.377	7646.76	0.0021	P	10.2
3	☐	250.000	255.045	405537.81	0.1007	P	1.3
4	☐	625.000	671.341	1001512.60	0.2650	P	4.3
5	☐	1250.000	1300.064	2095510.16	0.5132	A	3.3
6	☐	2500.000	2603.843	4131313.20	1.0279	A	3.7
7	☐	5000.000	4929.517	8172471.62	1.9459	A	6.2
8	☐			2522.52	0.0006	P	7.7

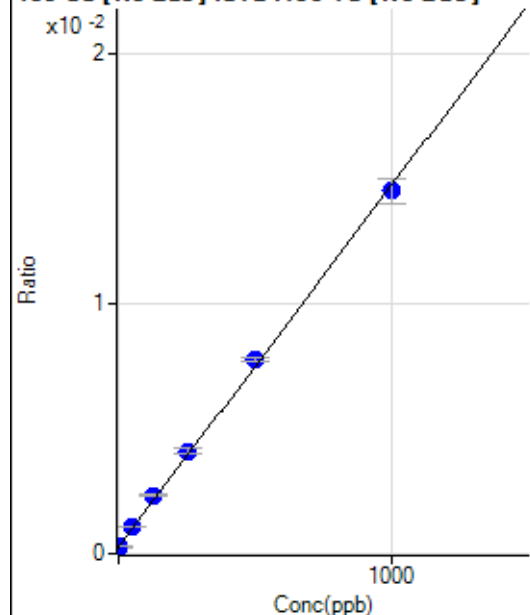
$$y = 3.9474\text{E-}004 * x + 6.6000\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.03371$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	769.49	0.0003	P	12.1
2	☐	1.000	2.676	836.16	0.0003	P	10.5
3	☐	50.000	55.587	3286.58	0.0011	P	5.2
4	☐	125.000	143.570	6801.85	0.0023	P	5.1
5	☐	250.000	265.926	12633.89	0.0041	P	3.8
6	☐	500.000	517.186	23470.40	0.0078	P	1.7
7	☐	1000.000	984.823	45230.47	0.0145	P	6.7
8	☐			941.73	0.0003	P	6.9

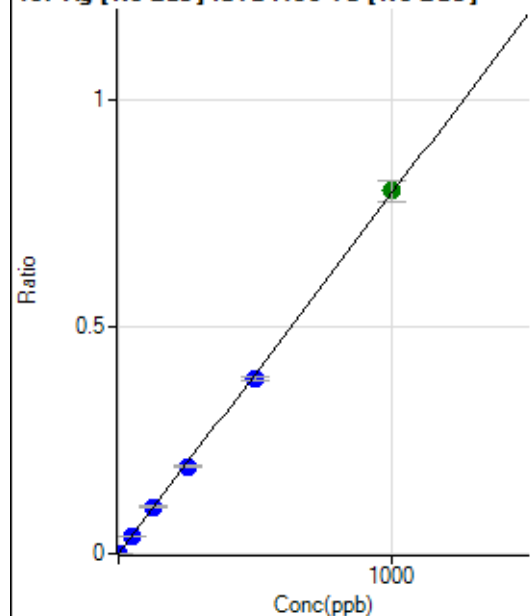
$$y = 1.4467E-005 * x + 2.6811E-004$$

$$R = 0.9995$$

$$DL = 6.737$$

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	33.33	0.0000	P	49.6
2	☐	1.000	1.025	2228.02	0.0008	P	12.6
3	☐	50.000	49.376	119900.28	0.0391	P	1.9
4	☐	125.000	130.149	299151.16	0.1031	P	3.9
5	☐	250.000	243.070	591146.46	0.1925	P	0.7
6	☐	500.000	485.698	1164866.79	0.3847	P	2.6
7	☐	1000.000	1008.271	2489403.44	0.7986	A	5.9
8	☐			897.27	0.0003	P	2.3

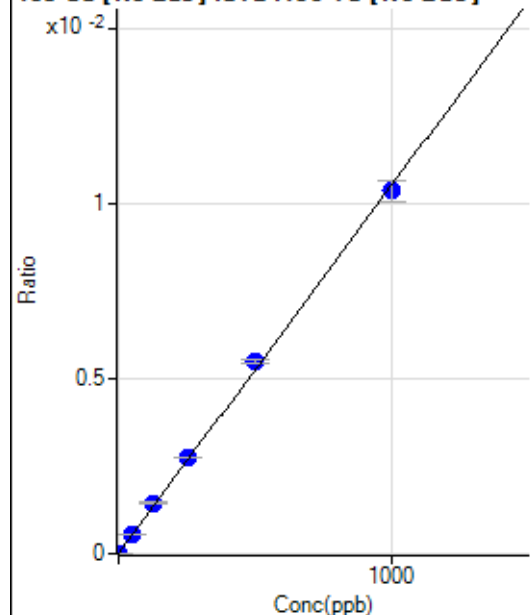
$$y = 7.9209E-004 * x + 1.1591E-005$$

$$R = 0.9998$$

$$DL = 0.02176$$

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	11.11	0.0000	P	95.3
2	☐	1.000	1.542	54.17	0.0000	P	26.8
3	☐	50.000	52.250	1693.18	0.0006	P	4.9
4	☐	125.000	137.870	4211.80	0.0015	P	4.1
5	☐	250.000	261.248	8434.63	0.0027	P	1.5
6	☐	500.000	520.508	16562.86	0.0055	P	1.9
7	☐	1000.000	985.212	32246.10	0.0103	P	5.9
8	☐			25.00	0.0000	P	64.2

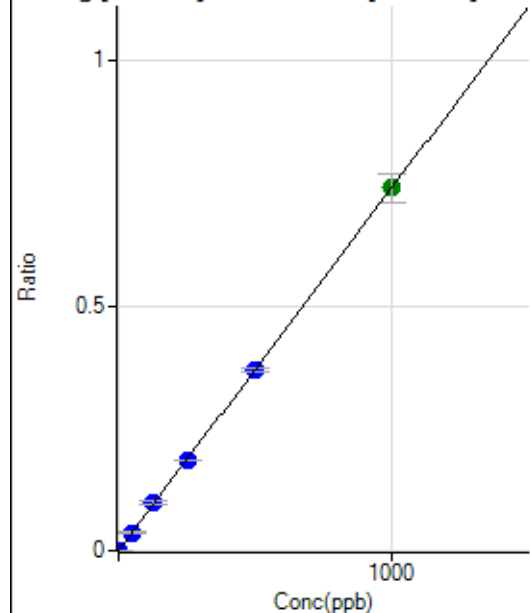
$$y = 1.0501\text{E-}005 * x + 3.8967\text{E-}006$$

$$R = 0.9996$$

$$DL = 1.061$$

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	8.33	0.0000	P	99.6
2	☐	1.000	1.093	2200.24	0.0008	P	11.4
3	☐	50.000	49.970	113437.67	0.0370	P	2.2
4	☐	125.000	131.970	283484.17	0.0978	P	5.5
5	☐	250.000	248.846	565895.01	0.1843	P	0.5
6	☐	500.000	497.135	1114938.46	0.3682	P	2.0
7	☐	1000.000	1000.851	2307937.81	0.7413	A	7.7
8	☐			733.38	0.0002	P	5.9

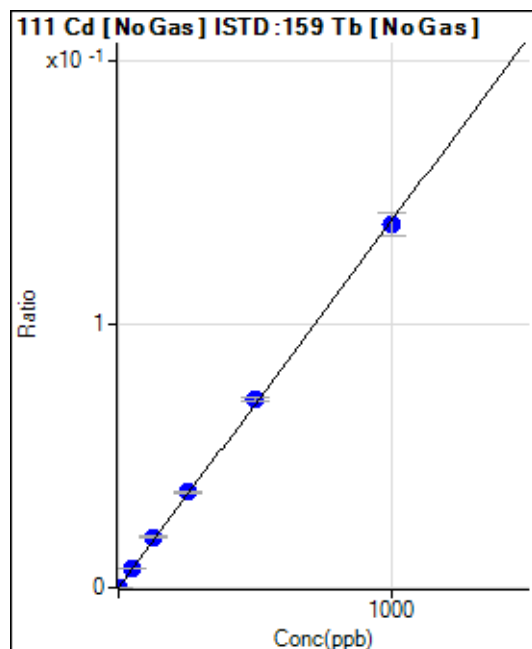
$$y = 7.4069\text{E-}004 * x + 2.8756\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.0116$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	154.45	0.0001	P	16.4
2	☐	1.000	1.118	566.83	0.0002	P	11.2
3	☐	50.000	52.948	22739.10	0.0074	P	1.7
4	☐	125.000	137.359	55581.66	0.0192	P	4.9
5	☐	250.000	259.906	111170.40	0.0362	P	1.5
6	☐	500.000	513.239	216336.67	0.0715	P	2.8
7	☐	1000.000	989.212	428865.43	0.1377	P	6.4
8	☐			411.13	0.0001	P	8.6

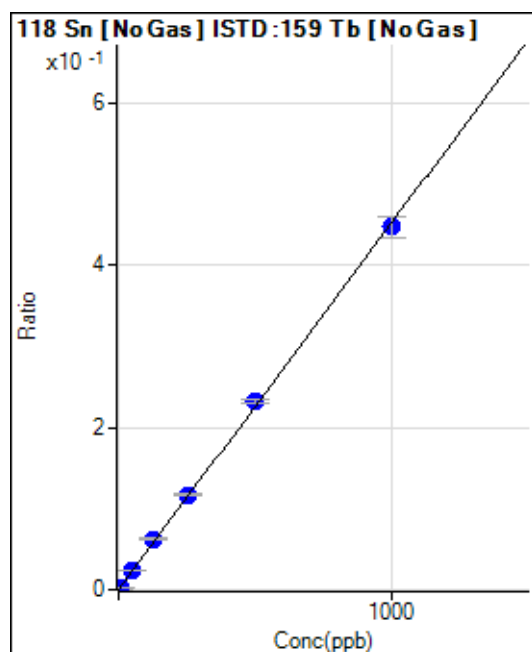
$$y = 1.3911\text{E-}004 * x + 5.3802\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.1901$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0001	P	23.2
2	☐	5.000	6.024	7568.96	0.0028	P	17.2
3	☐	50.000	52.105	72344.14	0.0236	P	3.2
4	☐	125.000	138.603	181750.57	0.0627	P	5.0
5	☐	250.000	258.305	358312.59	0.1167	P	1.3
6	☐	500.000	513.045	701604.65	0.2317	P	2.6
7	☐	1000.000	989.590	1392561.73	0.4469	P	5.9
8	☐			969.50	0.0003	P	8.1

$$y = 4.5149\text{E-}004 * x + 8.3443\text{E-}005$$

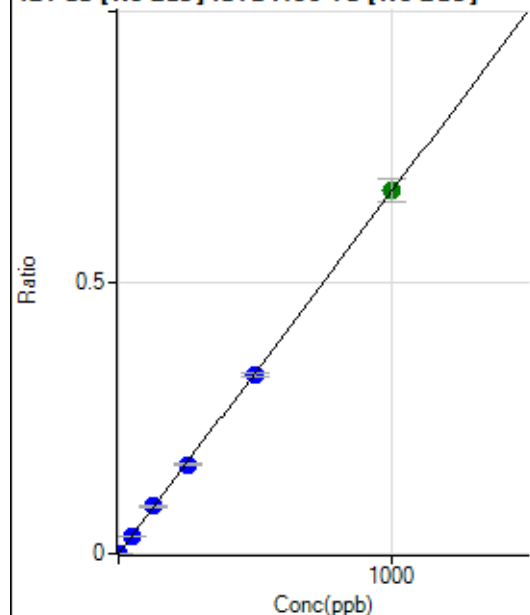
$$R = 0.9998$$

$$DL = 0.1288$$

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	30.56	0.0000	P	41.0
2	☐	2.000	2.309	4184.10	0.0015	P	16.0
3	☐	50.000	49.972	102076.72	0.0333	P	1.7
4	☐	125.000	132.075	255285.76	0.0880	P	4.9
5	☐	250.000	246.129	503524.88	0.1640	P	1.5
6	☐	500.000	495.023	998707.66	0.3298	P	2.2
7	☐	1000.000	1002.573	2080957.16	0.6680	A	6.5
8	☐			1336.22	0.0004	P	17.6

$$y = 6.6629E-004 * x + 1.0625E-005$$

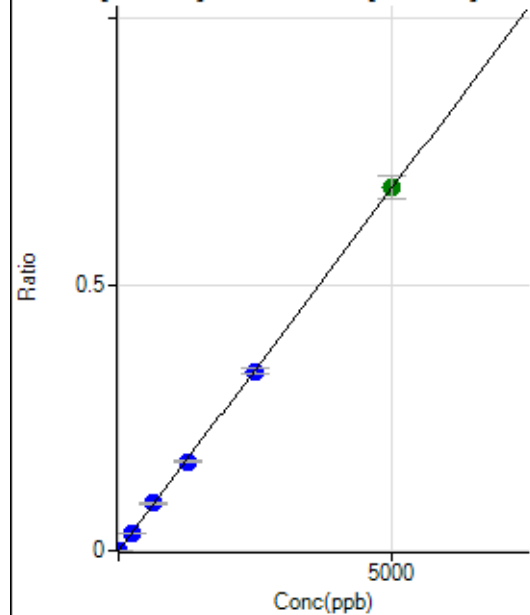
$$R = 0.9999$$

$$DL = 0.0196$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	66.9
2	☐	10.000	10.707	3961.80	0.0015	P	12.9
3	☐	250.000	250.455	104507.72	0.0341	P	1.5
4	☐	625.000	660.006	260609.31	0.0898	P	4.9
5	☐	1250.000	1231.973	514880.20	0.1677	P	1.1
6	☐	2500.000	2476.308	1020571.38	0.3371	P	3.3
7	☐	5000.000	5011.953	2125625.72	0.6822	A	6.4
8	☐			941.73	0.0003	P	23.2

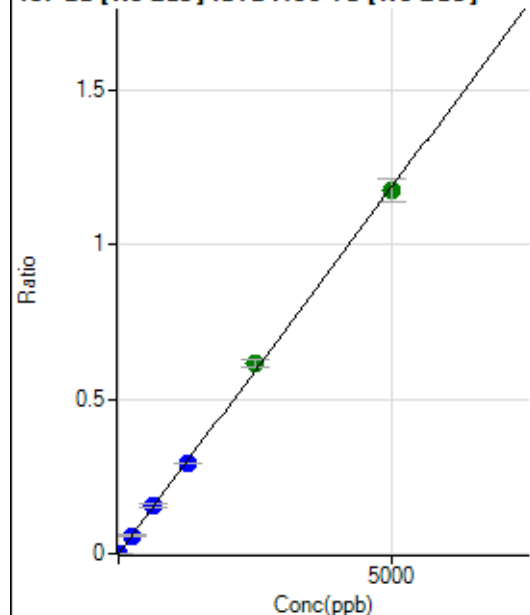
$$y = 1.3612E-004 * x + 6.8328E-006$$

$$R = 0.9999$$

$$DL = 0.1008$$

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	13.89	0.0000	P	124.
2	☐	10.000	11.067	7115.91	0.0026	P	11.7
3	☐	250.000	248.025	180160.06	0.0588	P	3.2
4	☐	625.000	654.258	449851.41	0.1551	P	4.7
5	☐	1250.000	1231.477	896170.60	0.2919	P	1.5
6	☐	2500.000	2598.860	1864963.43	0.6160	A	3.9
7	☐	5000.000	4951.640	3656392.96	1.1737	A	6.3
8	☐			1539.02	0.0005	P	9.6

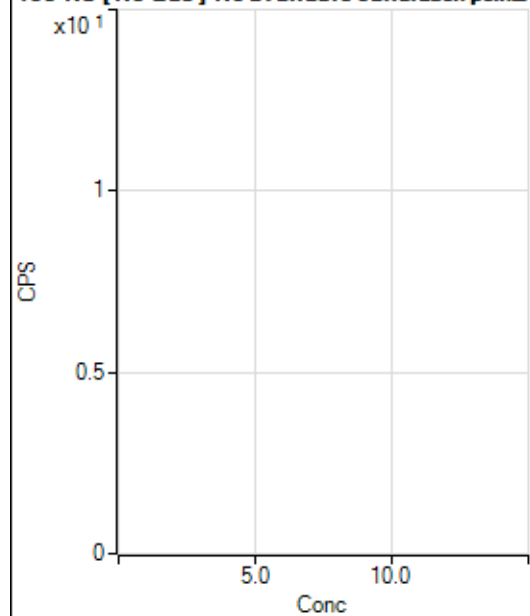
$$y = 2.3702E-004 * x + 4.8532E-006$$

$$R = 0.9997$$

$$DL = 0.07631$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			6.67		P	0.0
3	☐			6.67		P	100.
4	☐			8.89		P	43.3
5	☐			22.22		P	34.7
6	☐			46.67		P	42.9
7	☐			55.56		P	42.1
8	☐			13.33		P	132.

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			2.22		P	173.
4	☐			1.11		P	173.
5	☐			3.33		P	100.
6	☐			2.22		P	86.6
7	☐			2.22		P	173.
8	☐			2.22		P	86.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			5.56		P	173.
3	☐			11.11		P	43.3
4	☐			19.44		P	49.5
5	☐			11.11		P	114.
6	☐			61.11		P	15.7
7	☐			80.56		P	68.9
8	☐			500.02		P	20.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			7.78		P	24.7
4	☐			10.00		P	88.2
5	☐			13.33		P	25.0
6	☐			27.78		P	30.2
7	☐			53.33		P	25.0
8	☐			226.67		P	15.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐			19.44		P	65.5
3	☐			30.56		P	103.
4	☐			36.11		P	35.3
5	☐			55.56		P	82.6
6	☐			102.78		P	16.9
7	☐			94.45		P	44.4
8	☐			486.14		P	9.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			8.89		P	57.3
3	☐			10.00		P	57.8
4	☐			17.78		P	10.8
5	☐			23.33		P	37.8
6	☐			33.33		P	30.0
7	☐			57.78		P	23.3
8	☐			280.01		P	8.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐			30.56		P	83.3
3	☐			16.67		P	50.0
4	☐			36.11		P	81.1
5	☐			44.45		P	10.8
6	☐			27.78		P	45.8
7	☐			33.33		P	50.0
8	☐			141.67		P	36.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			13.33		P	90.2
3	☐			14.45		P	48.0
4	☐			12.22		P	41.7
5	☐			12.22		P	31.5
6	☐			13.33		P	NaN
7	☐			16.67		P	20.0
8	☐			38.89		P	17.8

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			13.89		P	34.7
3	☐			8.33		P	100.
4	☐			5.56		P	173.
5	☐			11.11		P	114.
6	☐			8.33		P	100.
7	☐			16.67		P	NaN
8	☐			8.33		P	100.

172 Yb [He] No available calibration points

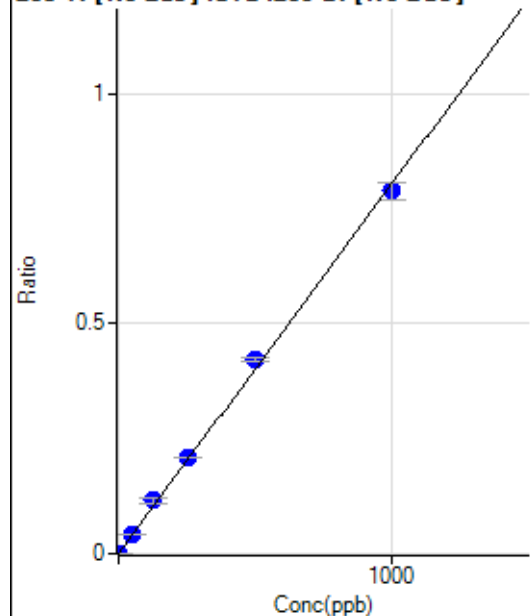
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	100.
2	☐			9.26		P	34.6
3	☐			5.56		P	100.
4	☐			12.96		P	107.
5	☐			1.85		P	173.
6	☐			3.71		P	86.6
7	☐			3.71		P	86.6
8	☐			3.71		P	86.6

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			305.57		P	19.7
2	☐			275.01		P	10.9
3	☐			286.12		P	13.1
4	☐			291.68		P	12.5
5	☐			269.46		P	19.9
6	☐			327.79		P	11.7
7	☐			300.01		P	14.7
8	☐			363.90		P	7.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			142.60		P	15.7
2	☐			131.48		P	23.3
3	☐			140.75		P	16.0
4	☐			162.97		P	28.4
5	☐			144.45		P	11.5
6	☐			157.41		P	22.4
7	☐			211.12		P	9.5
8	☐			164.82		P	15.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	136.12	0.0001	P	26.8
2	☐	1.000	1.248	1758.50	0.0011	P	17.9
3	☐	50.000	53.016	80320.50	0.0426	P	0.7
4	☐	125.000	143.338	199498.16	0.1152	P	9.6
5	☐	250.000	259.406	395137.77	0.2083	P	1.1
6	☐	500.000	526.219	782232.93	0.4226	P	2.4
7	☐	1000.000	982.096	1513769.97	0.7886	P	4.6
8	☐			663.93	0.0004	P	1.6

$$y = 8.0286E-004 * x + 7.7171E-005$$

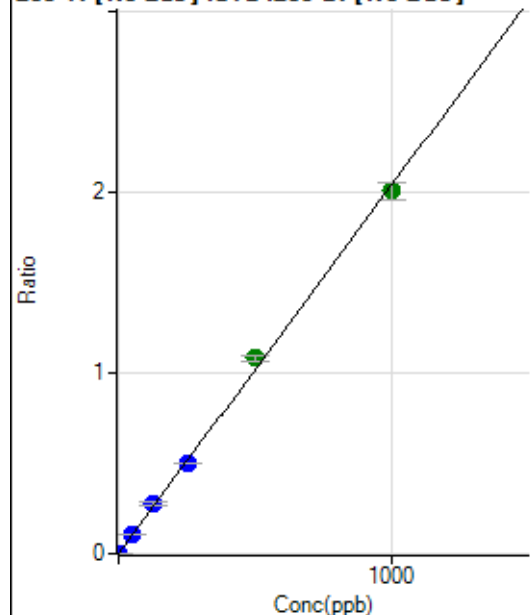
$$R = 0.9993$$

$$DL = 0.07737$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	300.01	0.0002	P	16.0
2	☐	1.000	1.156	4148.00	0.0025	P	9.7
3	☐	50.000	49.967	192446.30	0.1022	P	1.2
4	☐	125.000	134.776	477077.10	0.2753	P	9.1
5	☐	250.000	245.848	952117.12	0.5020	P	0.7
6	☐	500.000	530.170	2003561.25	1.0824	A	3.7
7	☐	1000.000	984.732	3858354.25	2.0103	A	5.1
8	☐			1539.02	0.0009	P	2.4

$$y = 0.0020 * x + 1.6976E-004$$

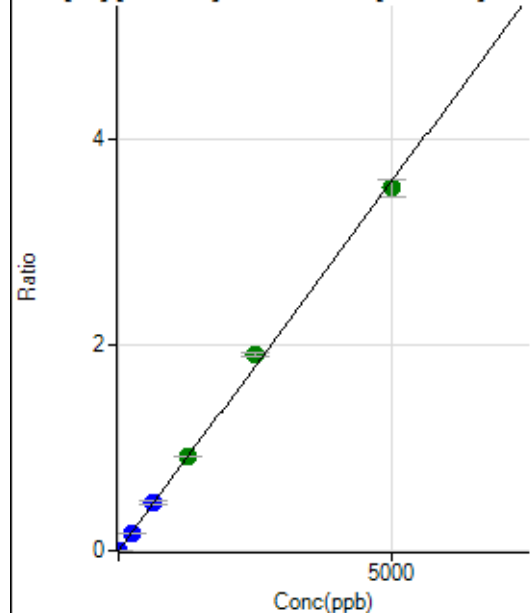
$$R = 0.9993$$

$$DL = 0.0398$$

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	327.79	0.0002	P	5.4
2	☐	1.000	1.044	1542.71	0.0009	P	2.7
3	☐	250.000	243.786	329802.27	0.1751	P	1.6
4	☐	625.000	654.444	814096.55	0.4697	P	8.9
5	☐	1250.000	1269.368	1727546.60	0.9109	A	0.4
6	☐	2500.000	2653.210	3524654.53	1.9038	A	1.5
7	☐	5000.000	4915.183	6769598.47	3.5266	A	4.7
8	☐			42103.59	0.0247	P	4.3

$$y = 7.1746E-004 * x + 1.8526E-004$$

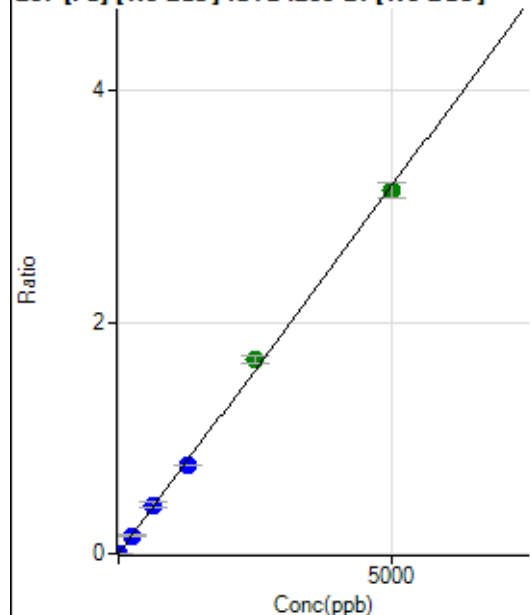
$$R = 0.9993$$

$$DL = 0.04194$$

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	285.19	0.0002	P	6.7
2	☐	1.000	1.152	1457.52	0.0009	P	18.8
3	☐	250.000	247.594	296762.10	0.1576	P	2.5
4	☐	625.000	665.083	732937.01	0.4229	P	9.1
5	☐	1250.000	1207.063	1455535.87	0.7675	P	0.2
6	☐	2500.000	2640.180	3107339.16	1.6785	A	3.2
7	☐	5000.000	4935.754	6024091.40	3.1378	A	4.4
8	☐			37836.94	0.0222	P	5.4

$$y = 6.3569E-004 * x + 1.6124E-004$$

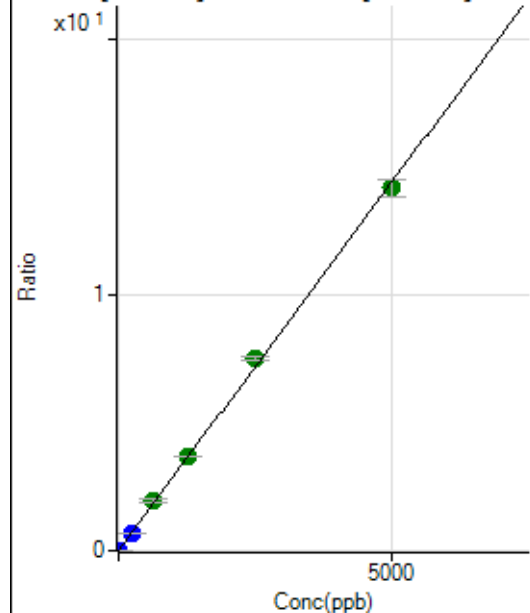
$$R = 0.9993$$

$$DL = 0.05119$$

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	1303.75	0.0007	P	8.8
2	☐	1.000	1.097	6382.21	0.0039	P	11.3
3	☐	250.000	245.608	1334575.99	0.7085	P	1.7
4	☐	625.000	685.141	3424222.89	1.9752	A	8.4
5	☐	1250.000	1274.083	6964684.11	3.6724	A	0.0
6	☐	2500.000	2617.024	13962793.97	7.5424	A	2.3
7	☐	5000.000	4928.169	27261731.28	14.2026	A	4.7
8	☐			169535.41	0.0995	P	4.3

$$y = 0.0029 * x + 7.3748E-004$$

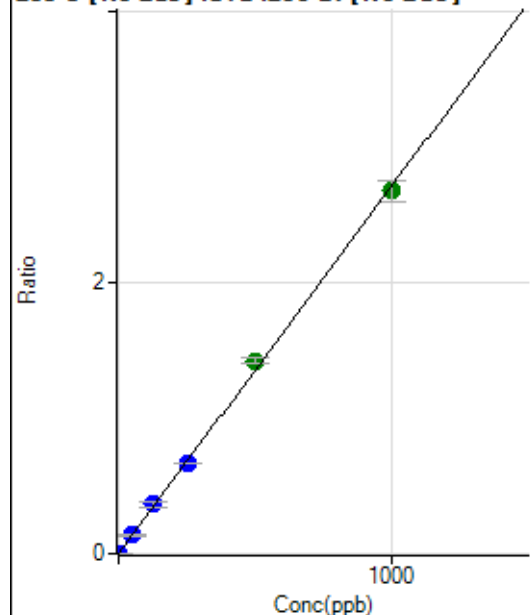
$$R = 0.9995$$

$$DL = 0.06748$$

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	19.44	0.0000	P	89.2
2	☐	1.000	1.112	4956.69	0.0030	P	7.2
3	☐	50.000	49.850	254033.15	0.1349	P	2.8
4	☐	125.000	134.417	630019.47	0.3636	P	9.6
5	☐	250.000	245.459	1259396.92	0.6640	P	0.8
6	☐	500.000	524.145	2624946.68	1.4180	A	2.8
7	☐	1000.000	987.893	5128110.27	2.6725	A	5.8
8	☐			805.60	0.0005	P	10.1

$$y = 0.0027 * x + 1.0869E-005$$

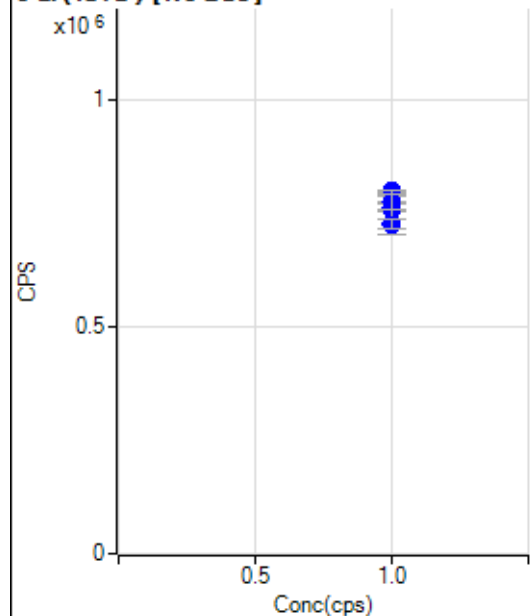
$$R = 0.9995$$

$$DL = 0.01075$$

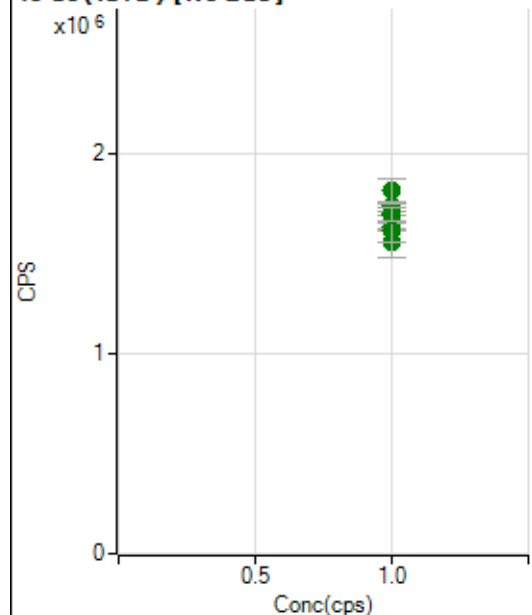
Weight: <None>

Min Conc: 0

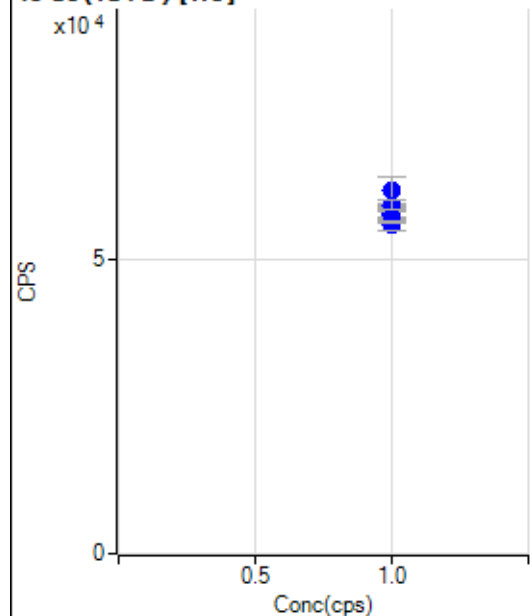
6 Li (ISTD) [No Gas]



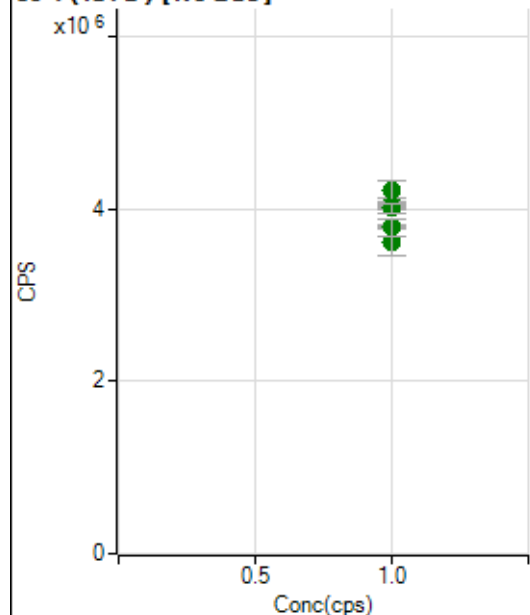
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		761041.09		P	2.1
2	☐	1.000		727795.60		P	7.1
3	☐	1.000		795928.94		P	0.3
4	☐	1.000		756539.86		P	4.9
5	☐	1.000		798503.24		P	0.3
6	☐	1.000		793226.55		P	1.3
7	☐	1.000		775695.80		P	4.2
8	☐	1.000		725825.07		P	2.6

45 Sc (ISTD) [No Gas]

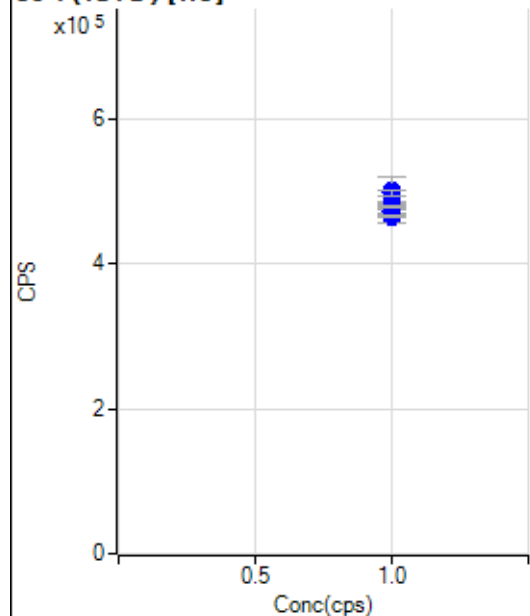
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1629899.99		A	2.2
2	☐	1.000		1551325.64		A	9.4
3	☐	1.000		1702879.10		A	0.9
4	☐	1.000		1610166.66		A	6.9
5	☐	1.000		1735706.16		A	2.9
6	☐	1.000		1703336.60		A	1.3
7	☐	1.000		1811787.04		A	7.0
8	☐	1.000		1691376.71		A	3.8

45 Sc (ISTD) [He]

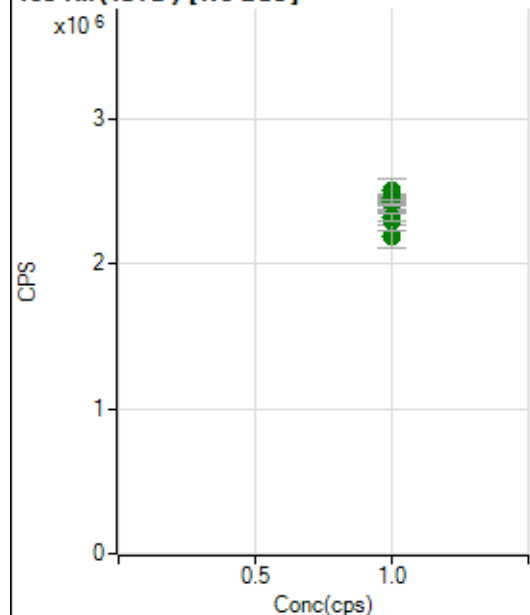
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		57490.03		P	2.1
2	☐	1.000		57811.24		P	1.9
3	☐	1.000		59262.60		P	1.1
4	☐	1.000		61651.20		P	7.6
5	☐	1.000		55876.04		P	4.0
6	☐	1.000		56392.23		P	0.3
7	☐	1.000		58268.62		P	0.7
8	☐	1.000		59290.69		P	3.2

89 Y (ISTD) [No Gas]

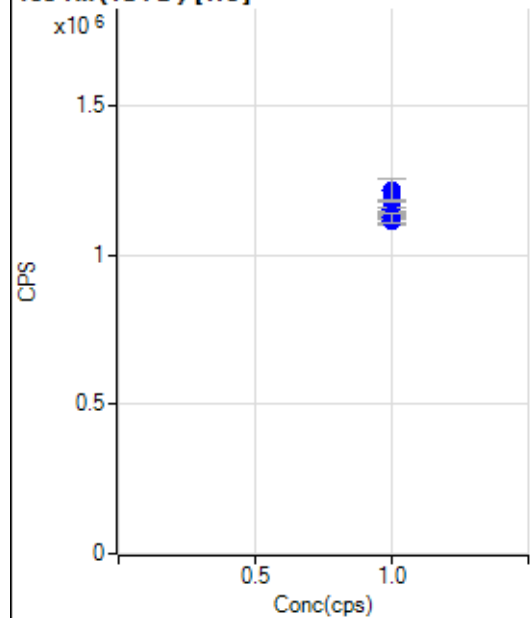
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3799638.94		A	0.7
2	☐	1.000		3611435.78		A	8.4
3	☐	1.000		4027890.67		A	0.4
4	☐	1.000		3784452.97		A	4.9
5	☐	1.000		4084830.25		A	1.8
6	☐	1.000		4020823.97		A	1.5
7	☐	1.000		4209706.92		A	5.8
8	☐	1.000		4008192.65		A	3.0

89 Y (ISTD) [He]

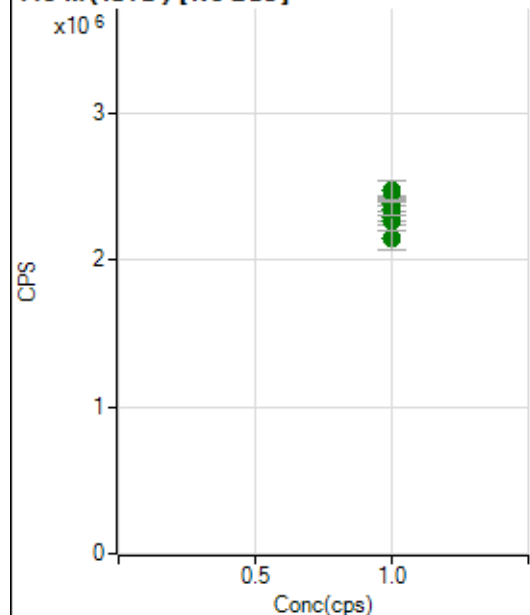
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		469836.73		P	2.1
2	☐	1.000		472775.25		P	2.1
3	☐	1.000		485640.83		P	0.3
4	☐	1.000		500305.05		P	7.3
5	☐	1.000		463654.74		P	3.0
6	☐	1.000		466098.22		P	0.5
7	☐	1.000		479453.35		P	0.4
8	☐	1.000		497955.87		P	1.8

103 Rh (ISTD) [No Gas]

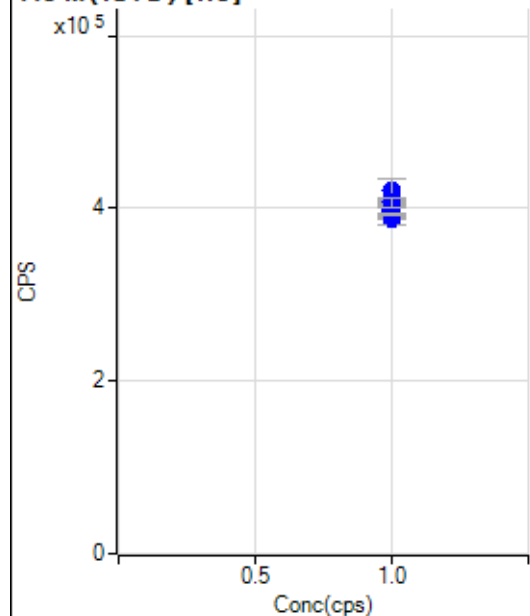
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2365440.76		A	0.9
2	☐	1.000		2188197.21		A	7.6
3	☐	1.000		2456547.91		A	0.4
4	☐	1.000		2293738.16		A	6.0
5	☐	1.000		2450888.30		A	2.0
6	☐	1.000		2421814.35		A	1.4
7	☐	1.000		2503325.23		A	7.2
8	☐	1.000		2317313.55		A	2.3

103 Rh (ISTD) [He]

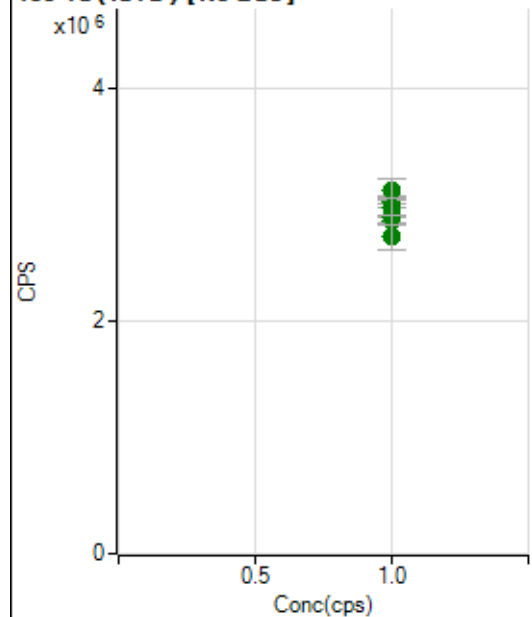
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1144399.73		P	2.4
2	☐	1.000		1150063.64		P	2.0
3	☐	1.000		1184240.16		P	0.2
4	☐	1.000		1215093.74		P	6.4
5	☐	1.000		1122435.07		P	3.9
6	☐	1.000		1114143.72		P	0.8
7	☐	1.000		1127067.56		P	0.3
8	☐	1.000		1125785.83		P	3.1

115 In (ISTD) [No Gas]

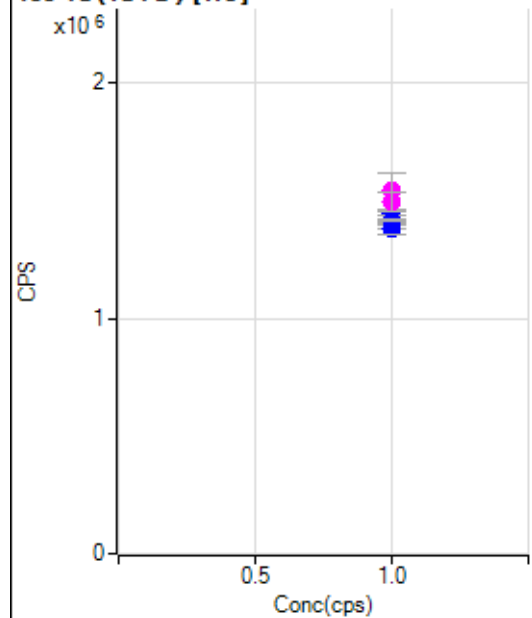
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2291523.64		A	1.7
2	☐	1.000		2153838.76		A	7.8
3	☐	1.000		2431568.50		A	0.4
4	☐	1.000		2268384.99		A	5.7
5	☐	1.000		2415298.94		A	1.2
6	☐	1.000		2388083.90		A	1.7
7	☐	1.000		2472913.60		A	5.6
8	☐	1.000		2351326.63		A	3.8

115 In (ISTD) [He]

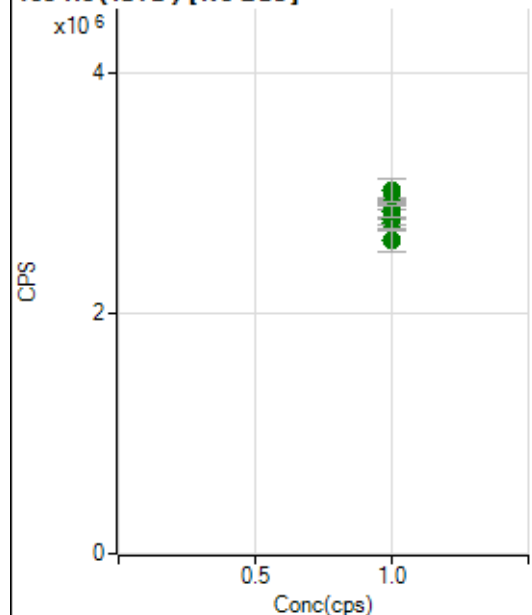
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		396494.01		P	2.1
2	☐	1.000		398596.88		P	1.7
3	☐	1.000		408700.31		P	0.5
4	☐	1.000		420061.58		P	7.2
5	☐	1.000		387808.80		P	3.7
6	☐	1.000		389420.92		P	0.5
7	☐	1.000		392920.76		P	0.7
8	☐	1.000		406388.11		P	2.8

159 Tb (ISTD) [No Gas]

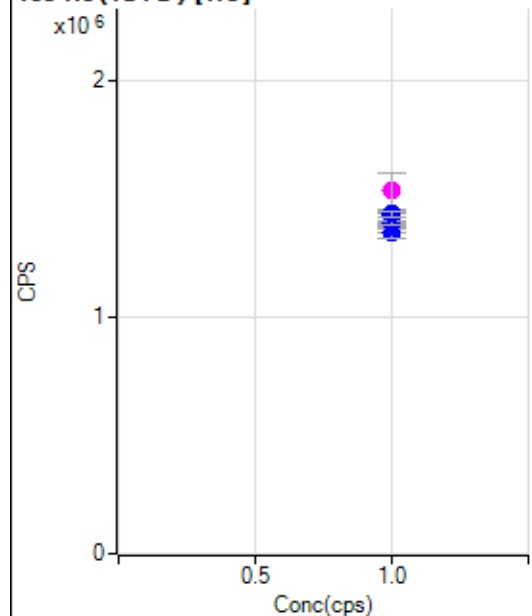
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2866670.44		A	1.7
2	☐	1.000		2724575.31		A	8.1
3	☐	1.000		3065214.92		A	1.4
4	☐	1.000		2905401.38		A	5.1
5	☐	1.000		3070158.98		A	0.3
6	☐	1.000		3028182.42		A	0.9
7	☐	1.000		3123849.33		A	6.6
8	☐	1.000		2987771.17		A	4.6

159 Tb (ISTD) [He]

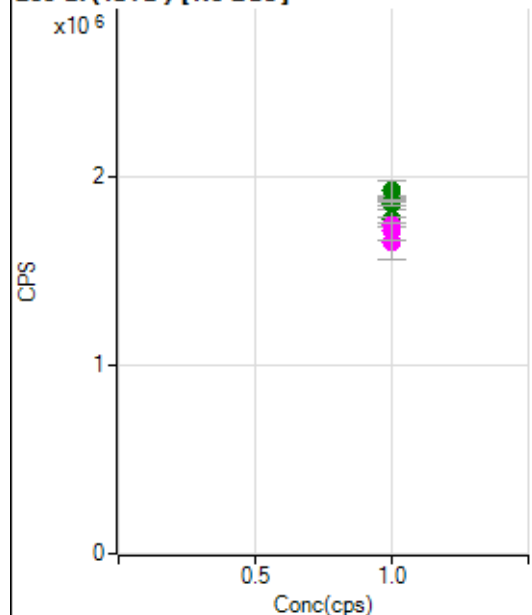
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1397495.00		P	1.9
2	☐	1.000		1410329.80		P	1.9
3	☐	1.000		1448276.73		P	0.8
4	☐	1.000		1542300.91		M	9.8
5	☐	1.000		1382150.62		P	4.1
6	☐	1.000		1401203.36		P	0.5
7	☐	1.000		1417891.59		P	0.1
8	☐	1.000		1495478.71		M	5.9

165 Ho (ISTD) [No Gas]

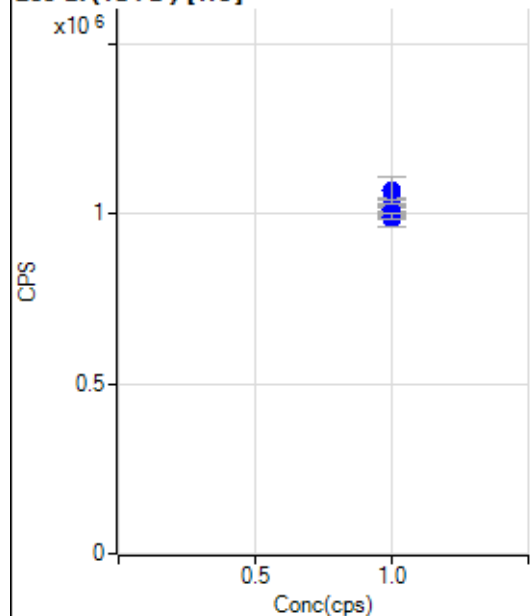
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2756799.56		A	1.7
2	☐	1.000		2609347.73		A	7.3
3	☐	1.000		2925956.77		A	1.5
4	☐	1.000		2778185.35		A	6.3
5	☐	1.000		2946353.82		A	0.6
6	☐	1.000		2920319.40		A	0.9
7	☐	1.000		3019000.44		A	7.2
8	☐	1.000		2849553.86		A	3.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1380433.35		P	2.8
2	☐	1.000		1390126.16		P	2.1
3	☐	1.000		1432291.33		P	0.7
4	☐	1.000		1535218.24		M	10.0
5	☐	1.000		1361168.70		P	3.8
6	☐	1.000		1381155.15		P	0.7
7	☐	1.000		1397618.78		P	1.2
8	☐	1.000		1438909.98		P	1.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1769781.45		A	1.9
2	☐	1.000		1650371.09		M	10.5
3	☐	1.000		1883646.76		A	0.3
4	☐	1.000		1742296.71		M	8.9
5	☐	1.000		1896514.24		A	0.4
6	☐	1.000		1851486.22		A	1.2
7	☐	1.000		1922533.03		A	5.2
8	☐	1.000		1706945.46		M	5.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1009455.88		P	2.0
2	☐	1.000		1015546.11		P	2.2
3	☐	1.000		1042708.36		P	0.5
4	☐	1.000		1068687.46		P	7.3
5	☐	1.000		985130.75		P	4.6
6	☐	1.000		998807.71		P	0.1
7	☐	1.000		993364.65		P	0.8
8	☐	1.000		994105.86		P	1.6

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8050321-MS.b
Acq. Date-Time 2021-05-03 13:33:03
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		3650	36500.55			2.177	5.000
24		24126	241257.80			1.505	5.000
25		3366	33655.01			1.735	5.000
26		3933	39328.60			1.805	5.000
59		16973	169733.40			2.106	5.000
113		2434	24341.20			1.843	5.000
115		14709	147090.55			1.779	5.000
206		4738	47375.50			2.509	5.000
207		4126	41261.60			1.927	5.000
208		9948	99477.46			2.449	5.000
220		0	4.20			28.670	

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

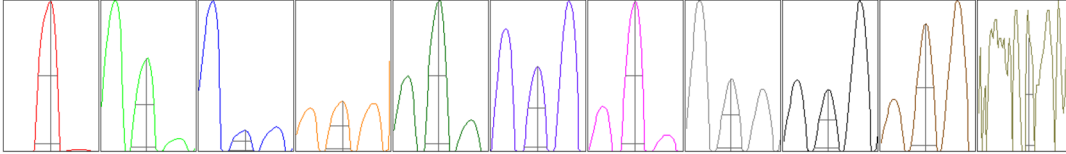
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3632	3674	3578	3592	3775
24	23959	24197	23738	24030	24704
25	3362	3350	3314	3336	3465
26	3903	3917	3877	3910	4057
59	16798	16976	16690	16818	17586
113	2407	2457	2403	2401	2503
115	14621	14639	14480	14645	15161
206	4670	4686	4694	4687	4950
207	4106	4076	4069	4115	4264
208	9903	9810	9720	9953	10353

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	6394.27	9.00	8.90 - 9.10	
24	43156.13	23.95	23.90 - 24.10	
25	5876.32	25.00	24.90 - 25.10	
26	6814.22	26.00	25.90 - 26.10	
59	31317.83	58.95	58.90 - 59.10	
113	4761.17	113.00	112.90 - 113.10	
115	28532.39	115.00	114.90 - 115.10	
206	9030.50	205.95	205.90 - 206.10	
207	7848.85	206.95	206.90 - 207.10	
208	19118.27	207.95	207.90 - 208.10	
220	0.60	220.15	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.784	0.900	
24	0.60	0.784	0.900	
25	0.60	0.762	0.900	
26	0.61	0.785	0.900	
59	0.57	0.777	0.900	
113	0.54	0.727	0.900	
115	0.53	0.732	0.900	
206	0.54	0.790	0.900	
207	0.54	0.789	0.900	
208	0.54	0.813	0.900	
220	0.24	0.294		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.48 L/min Dilution Gas 0.44 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.9 V	Deflect	15.6 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

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

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-0.8 mm
---------	--------	---------	---------

EM

Discriminator	3.9 mV	Analog HV	2193 V	Pulse HV	1415 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4023	40234.20			0.716	
89		6632	66319.79			0.808	
205		5899	58992.76			0.796	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4072	4025	4010	3999	4011
89	6722	6598	6631	6585	6625
205	5959	5846	5878	5877	5937

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.48 L/min	Dilution Gas	0.44 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.9 V	Deflect	5.0 V
-----------	--------	------------	--------	---------	-------

US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.8 mm	Torch V	-0.8 mm		
EM					
Discriminator	3.9 mV	Analog HV	2193 V	Pulse HV	1415 V

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:09:48	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	0.99	-2.06	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	-0.01	0.00	N/A	ppb
Arsenic	75-2	-0.04	0.03	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	-0.03	0.04	0.00	N/A	ppb
Barium	137-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.25	0.21	-0.46	0.00	N/A	ppb
Boron	11-1	0.22	-0.47	0.25	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.02	-0.07	0.00	N/A	ppb
Cadmium	106-1	1.52	1.06	-2.58	0.00	N/A	ppb
Cadmium	108-1	-0.37	0.04	0.33	0.00	N/A	ppb
Calcium	43-1	3.65	-2.65	-1.00	0.00	N/A	ppb
Calcium	44-1	-6.88	-1.84	8.72	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	0.04	0.04	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Copper	63-2	0.02	0.01	-0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.03	-2.44	2.41	0.00	N/A	ppb
Iron	56-2	-0.06	0.21	-0.15	0.00	N/A	ppb
Iron	57-2	-0.49	1.19	-0.70	0.00	N/A	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:09:48	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	0.01	0.00	N/A	ppb
Lead	207-1	-0.02	0.01	0.01	0.00	N/A	ppb
Lead	208-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.60	-2.10	0.50	0.00	N/A	ppb
Manganese	55-2	0.05	0.01	-0.06	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	-1.33	11.11	64.17	24.65	141.12	ppb
Potassium	39-2	1.17	-16.20	15.03	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.62	1.34	-0.72	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	-0.48	1.03	0.00	N/A	ppb
Silicon	28-1	-93.86	-100.56	194.42	0.00	N/A	ppb
Silver	107-1	0.01	0.00	-0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	12.32	-5.29	-7.03	0.00	N/A	ppb
Strontium	86-1	-0.23	-0.19	0.42	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00	N/A	ppb
Sulfur	34-1	-9673.23	-8535.68	-2138.22	-6782.38		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.03	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.01	0.00	N/A	ppb
Tin	118-1	0.04	-0.05	0.01	0.00	N/A	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:09:48	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	0.06	-0.14	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.02	0.03	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.13	-0.04	-0.09	0.00	N/A	ppb
Zirconium	90-1	0.01	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.02	-0.02	0.00	0.00	N/A	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:12:51	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.51	18.84	18.62	18.99	2.44	ppb
Antimony	121-1	1.90	2.41	2.62	2.31	16.08	ppb
Arsenic	75-2	1.01	1.07	0.96	1.01	5.69	ppb
Barium	135-1	9.23	10.92	11.98	10.71	12.96	ppb
Barium	137-1	9.63	11.43	12.14	11.07	11.67	ppb
Beryllium	9-1	1.16	1.14	1.26	1.19	5.41	ppb
Bismuth	209-1				93		%
Bismuth	209-2				101		%
Boron	10-1	18.86	23.95	30.97	24.59	24.73	ppb
Boron	11-1	19.87	26.31	30.21	25.46	20.50	ppb
Bromine	81-1						cps
Cadmium	111-1	0.97	1.09	1.30	1.12	15.12	ppb
Cadmium	106-1	1.58	5.25	1.20	2.68	83.54	ppb
Cadmium	108-1	0.97	1.97	1.68	1.54	33.24	ppb
Calcium	43-1	463.66	513.74	585.47	520.96	11.75	ppb
Calcium	44-1	430.98	520.02	650.29	533.76	20.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.13	1.84	1.98	1.98	7.29	ppb
Cobalt	59-2	1.12	0.92	0.98	1.01	10.00	ppb
Copper	63-2	1.74	1.74	1.76	1.75	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				95		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				101		%
Iron	54-2	55.88	51.89	55.48	54.41	4.03	ppb
Iron	56-2	54.29	52.19	51.33	52.60	2.90	ppb
Iron	57-2	49.78	50.50	53.69	51.32	4.05	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:12:51	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.03	1.08	1.02	1.04	3.42	ppb
Lead	207-1	1.04	0.96	1.45	1.15	22.93	ppb
Lead	208-1	0.97	1.05	1.27	1.10	13.94	ppb
Lithium	6-1				96		%
Magnesium	24-2	511.04	512.99	536.53	520.19	2.73	ppb
Manganese	55-2	1.12	1.12	1.24	1.16	6.03	ppb
Molybdenum	94-1	4.88	5.95	5.70	5.51	10.14	ppb
Molybdenum	95-1	4.92	5.31	6.18	5.47	11.73	ppb
Molybdenum	96-1	4.92	5.65	5.96	5.51	9.65	ppb
Molybdenum	97-1	5.11	5.56	5.63	5.43	5.23	ppb
Molybdenum	98-1	4.89	5.27	5.97	5.38	10.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	0.81	1.07	1.01	17.39	ppb
Phosphorus	31-2	-6.39	-36.60	-30.97	-24.65		ppb
Potassium	39-2	518.91	482.57	548.91	516.80	6.43	ppb
Rhodium	103-1				93		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				101		%
Selenium	82-1	5.04	6.67	0.07	3.93	87.48	ppb
Selenium	77-2	0.00	15.98	13.32	9.77	87.67	ppb
Selenium	78-2	10.33	3.47	5.40	6.40	55.23	ppb
Silicon	28-1	-229.57	279.47	1521.83	523.91	171.96	ppb
Silver	107-1	0.90	1.01	1.16	1.02	12.83	ppb
Silver	109-1	0.98	1.07	1.23	1.09	11.41	ppb
Sodium	23-2	526.77	516.88	531.56	525.07	1.43	ppb
Strontium	86-1	0.50	1.38	1.67	1.18	51.71	ppb
Strontium	88-1	0.98	1.20	1.23	1.14	12.25	ppb
Sulfur	34-1	-10928.99	2189.71	29086.42	6782.38	300.77	ppb
Terbium	159-1				95		%
Terbium	159-2				101		%
Thallium	203-1	1.07	1.15	1.52	1.25	19.25	ppb
Thallium	205-1	1.04	1.15	1.28	1.16	10.43	ppb
Tin	118-1	4.83	6.37	6.88	6.02	17.72	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:12:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.93	6.52	7.51	6.32	20.62	ppb
Uranium	238-1	1.06	1.07	1.20	1.11	7.24	ppb
Vanadium	51-2	5.31	5.32	5.13	5.25	2.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				101		%
Zinc	66-2	1.53	1.96	2.06	1.85	15.17	ppb
Zirconium	90-1	0.92	1.05	1.15	1.04	11.18	ppb
Zirconium	91-1	1.00	1.10	1.22	1.11	10.17	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:21:57	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1038.90	1017.69	1051.52	1036.04	1.65	ppb
Antimony	121-1	49.08	50.01	50.82	49.97	1.74	ppb
Arsenic	75-2	50.83	50.10	51.49	50.80	1.37	ppb
Barium	135-1	247.73	249.03	254.61	250.45	1.46	ppb
Barium	137-1	240.79	246.78	256.50	248.02	3.20	ppb
Beryllium	9-1	50.92	53.69	53.02	52.54	2.76	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	47.28	52.99	54.23	51.50	7.19	ppb
Boron	11-1	45.90	52.23	55.09	51.07	9.20	ppb
Bromine	81-1						cps
Cadmium	111-1	52.33	52.51	54.01	52.95	1.75	ppb
Cadmium	106-1	52.37	59.89	54.51	55.59	6.97	ppb
Cadmium	108-1	51.66	50.03	55.06	52.25	4.92	ppb
Calcium	43-1	5217.75	5139.47	5267.69	5208.31	1.24	ppb
Calcium	44-1	5069.95	5076.48	5104.59	5083.67	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.74	50.81	51.42	51.66	1.92	ppb
Cobalt	59-2	52.72	50.64	51.79	51.72	2.02	ppb
Copper	63-2	497.66	491.14	499.87	496.22	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				106		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	2585.55	2543.34	2609.29	2579.39	1.30	ppb
Iron	56-2	2604.50	2558.47	2588.81	2583.93	0.91	ppb
Iron	57-2	2513.71	2544.95	2633.39	2564.02	2.42	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:21:57	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	239.19	246.64	245.53	243.79	1.65	ppb
Lead	207-1	240.34	250.92	251.52	247.59	2.54	ppb
Lead	208-1	240.90	248.53	247.39	245.61	1.68	ppb
Lithium	6-1				105		%
Magnesium	24-2	5389.72	5331.51	5440.44	5387.22	1.01	ppb
Manganese	55-2	492.92	483.35	494.36	490.21	1.22	ppb
Molybdenum	94-1	256.00	258.15	257.10	257.08	0.42	ppb
Molybdenum	95-1	254.93	258.88	254.84	256.22	0.90	ppb
Molybdenum	96-1	254.72	260.98	254.37	256.69	1.45	ppb
Molybdenum	97-1	254.98	260.85	256.35	257.39	1.19	ppb
Molybdenum	98-1	251.42	257.74	255.98	255.05	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.84	52.60	53.35	52.93	0.72	ppb
Phosphorus	31-2	1028.57	900.82	925.77	951.72	7.11	ppb
Potassium	39-2	2635.57	2558.65	2615.69	2603.30	1.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	53.48	51.74	57.77	54.33	5.71	ppb
Selenium	77-2	34.93	63.81	76.53	58.42	36.49	ppb
Selenium	78-2	50.21	56.25	47.86	51.44	8.42	ppb
Silicon	28-1	-285.50	-399.77	-171.47	-285.58		ppb
Silver	107-1	48.32	50.00	49.81	49.38	1.86	ppb
Silver	109-1	48.74	50.34	50.83	49.97	2.18	ppb
Sodium	23-2	5311.24	5306.75	5326.71	5314.90	0.20	ppb
Strontium	86-1	505.20	518.91	512.23	512.12	1.34	ppb
Strontium	88-1	534.84	538.73	537.89	537.15	0.38	ppb
Sulfur	34-1	-9457.56	-11918.85	-8318.59	-9898.33		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	52.74	53.44	52.87	53.02	0.70	ppb
Thallium	205-1	49.27	50.36	50.27	49.97	1.21	ppb
Tin	118-1	50.43	52.10	53.79	52.11	3.23	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:21:57	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	263.04	267.10	267.77	265.97	0.96	ppb
Uranium	238-1	48.25	50.54	50.77	49.85	2.79	ppb
Vanadium	51-2	49.38	50.33	52.13	50.61	2.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	523.79	512.51	523.98	520.09	1.26	ppb
Zirconium	90-1	51.04	51.02	50.47	50.85	0.63	ppb
Zirconium	91-1	52.83	53.38	52.88	53.03	0.57	ppb

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 14:24:59 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2410.58	2165.16	2446.75	2340.83	6.54	ppb
Antimony	121-1	138.73	131.65	125.85	132.07	4.89	ppb
Arsenic	75-2	125.26	112.31	128.28	121.95	6.96	ppb
Barium	135-1	695.27	652.50	632.25	660.01	4.87	ppb
Barium	137-1	689.43	641.43	631.91	654.26	4.71	ppb
Beryllium	9-1	143.30	136.84	132.19	137.44	4.06	ppb
Bismuth	209-1				98		%
Bismuth	209-2				106		%
Boron	10-1	122.38	133.94	138.34	131.56	6.27	ppb
Boron	11-1	126.88	135.78	139.05	133.90	4.70	ppb
Bromine	81-1						cps
Cadmium	111-1	144.91	135.08	132.09	137.36	4.88	ppb
Cadmium	106-1	152.98	140.26	137.47	143.57	5.76	ppb
Cadmium	108-1	143.68	137.73	132.20	137.87	4.16	ppb
Calcium	43-1	14725.18	13316.79	13003.54	13681.84	6.70	ppb
Calcium	44-1	15245.89	13639.18	13624.80	14169.96	6.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.88	109.44	126.48	119.94	7.65	ppb
Cobalt	59-2	125.10	111.21	124.88	120.40	6.61	ppb
Copper	63-2	1190.25	1063.65	1201.16	1151.69	6.64	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				111		%
Indium	115-1				99		%
Indium	115-2				106		%
Iron	54-2	6297.96	5645.93	6384.04	6109.31	6.61	ppb
Iron	56-2	6620.71	5873.58	6578.77	6357.69	6.60	ppb
Iron	57-2	6043.66	5388.78	6171.61	5868.02	7.16	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:24:59	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	720.10	633.02	610.22	654.44	8.86	ppb
Lead	207-1	733.20	643.99	618.06	665.08	9.08	ppb
Lead	208-1	750.53	661.23	643.66	685.14	8.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	12873.81	11786.07	13082.70	12580.86	5.53	ppb
Manganese	55-2	1186.81	1063.94	1189.71	1146.82	6.26	ppb
Molybdenum	94-1	712.83	672.84	649.18	678.28	4.74	ppb
Molybdenum	95-1	721.59	667.41	645.31	678.10	5.79	ppb
Molybdenum	96-1	720.55	669.21	642.94	677.57	5.83	ppb
Molybdenum	97-1	720.07	673.98	647.84	680.63	5.37	ppb
Molybdenum	98-1	704.20	661.29	648.53	671.34	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.96	112.04	127.63	121.54	6.86	ppb
Phosphorus	31-2	2151.52	2245.96	2216.97	2204.82	2.19	ppb
Potassium	39-2	6025.46	5481.63	6290.12	5932.40	6.95	ppb
Rhodium	103-1				97		%
Rhodium	103-2				106		%
Scandium	45-1				99		%
Scandium	45-2				107		%
Selenium	82-1	149.16	139.39	139.30	142.61	3.97	ppb
Selenium	77-2	168.30	117.69	132.78	139.59	18.61	ppb
Selenium	78-2	126.40	113.03	123.34	120.93	5.79	ppb
Silicon	28-1	1029.73	169.43	-64.43	378.25	152.33	ppb
Silver	107-1	135.67	129.07	125.71	130.15	3.89	ppb
Silver	109-1	139.38	131.57	124.96	131.97	5.47	ppb
Sodium	23-2	13059.03	11802.33	12939.36	12600.24	5.50	ppb
Strontium	86-1	1428.12	1336.84	1294.13	1353.03	5.06	ppb
Strontium	88-1	1508.19	1364.07	1329.66	1400.64	6.76	ppb
Sulfur	34-1	19534.35	-4468.18	-7054.30	2670.63	548.99	ppb
Terbium	159-1				101		%
Terbium	159-2				110		%
Thallium	203-1	158.79	138.99	132.23	143.34	9.63	ppb
Thallium	205-1	148.44	130.97	124.91	134.78	9.07	ppb
Tin	118-1	145.80	137.93	132.07	138.60	4.97	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:24:59	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	762.07	676.59	644.57	694.41	8.75	ppb
Uranium	238-1	148.69	130.77	123.79	134.42	9.55	ppb
Vanadium	51-2	121.37	110.11	124.33	118.60	6.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				106		%
Zinc	66-2	1240.28	1111.30	1250.40	1200.66	6.46	ppb
Zirconium	90-1	140.88	133.88	127.09	133.95	5.15	ppb
Zirconium	91-1	146.09	137.90	133.81	139.26	4.49	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:27:58	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5021.04	5404.24	5165.91	5197.06	3.72	ppb
Antimony	121-1	242.80	245.67	249.91	246.13	1.45	ppb
Arsenic	75-2	255.15	267.24	261.19	261.19	2.31	ppb
Barium	135-1	1224.37	1224.07	1247.48	1231.97	1.09	ppb
Barium	137-1	1214.72	1228.58	1251.13	1231.48	1.49	ppb
Beryllium	9-1	254.07	256.20	253.40	254.56	0.57	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	228.24	261.34	282.12	257.24	10.56	ppb
Boron	11-1	230.63	261.94	279.58	257.38	9.63	ppb
Bromine	81-1						cps
Cadmium	111-1	258.59	256.80	264.33	259.91	1.51	ppb
Cadmium	106-1	272.02	253.47	272.29	265.93	4.06	ppb
Cadmium	108-1	260.14	265.49	258.12	261.25	1.46	ppb
Calcium	43-1	25136.39	24396.10	25768.13	25100.21	2.74	ppb
Calcium	44-1	25314.50	25388.68	26206.76	25636.65	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255.83	275.07	266.62	265.84	3.63	ppb
Cobalt	59-2	257.20	281.03	266.57	268.27	4.47	ppb
Copper	63-2	2616.26	2845.77	2737.48	2733.17	4.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	13073.33	14298.77	13435.67	13602.59	4.63	ppb
Iron	56-2	13210.48	14569.66	13968.85	13916.33	4.89	ppb
Iron	57-2	12537.25	13597.88	12922.90	13019.34	4.12	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:27:58	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1268.83	1274.61	1264.67	1269.37	0.39	ppb
Lead	207-1	1205.76	1210.15	1205.28	1207.06	0.22	ppb
Lead	208-1	1274.73	1273.54	1273.98	1274.08	0.05	ppb
Lithium	6-1				105		%
Magnesium	24-2	26813.96	29298.95	27807.11	27973.34	4.47	ppb
Manganese	55-2	2437.16	2653.14	2531.54	2540.61	4.26	ppb
Molybdenum	94-1	1227.00	1247.73	1280.50	1251.74	2.15	ppb
Molybdenum	95-1	1215.63	1242.73	1280.32	1246.23	2.61	ppb
Molybdenum	96-1	1250.57	1277.15	1324.71	1284.14	2.92	ppb
Molybdenum	97-1	1218.10	1254.72	1289.54	1254.12	2.85	ppb
Molybdenum	98-1	1279.74	1270.50	1349.95	1300.06	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.03	283.27	266.63	268.65	5.11	ppb
Phosphorus	31-2	4813.83	5709.77	5284.63	5269.41	8.51	ppb
Potassium	39-2	12794.25	13906.49	13209.85	13303.53	4.22	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	82-1	249.98	250.51	262.19	254.23	2.71	ppb
Selenium	77-2	242.49	233.44	301.24	259.05	14.21	ppb
Selenium	78-2	267.33	288.61	277.89	277.94	3.83	ppb
Silicon	28-1	25.08	-190.70	296.15	43.51	560.66	ppb
Silver	107-1	241.22	244.25	243.74	243.07	0.67	ppb
Silver	109-1	247.56	248.71	250.27	248.85	0.55	ppb
Sodium	23-2	26463.54	29423.50	28093.12	27993.39	5.30	ppb
Strontium	86-1	2514.07	2611.10	2679.11	2601.43	3.19	ppb
Strontium	88-1	2507.69	2594.30	2661.26	2587.75	2.98	ppb
Sulfur	34-1	-6091.98	-12348.40	-5315.89	-7918.76		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	256.71	259.26	262.25	259.41	1.07	ppb
Thallium	205-1	244.97	244.72	247.85	245.85	0.71	ppb
Tin	118-1	254.43	259.66	260.83	258.30	1.32	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:27:58	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1277.83	1253.96	1291.91	1274.57	1.51	ppb
Uranium	238-1	243.29	246.67	246.41	245.46	0.77	ppb
Vanadium	51-2	255.26	279.47	260.39	265.04	4.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	2603.55	2800.02	2691.12	2698.23	3.65	ppb
Zirconium	90-1	244.58	245.10	255.11	248.26	2.39	ppb
Zirconium	91-1	253.57	257.43	262.54	257.84	1.75	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:30:58	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9722.75	9800.32	9723.26	9748.78	0.46	ppb
Antimony	121-1	484.10	495.52	505.44	495.02	2.16	ppb
Arsenic	75-2	496.44	500.33	500.62	499.13	0.47	ppb
Barium	135-1	2397.51	2470.00	2561.42	2476.31	3.32	ppb
Barium	137-1	2496.48	2599.28	2700.82	2598.86	3.93	ppb
Beryllium	9-1	499.42	505.42	518.68	507.84	1.94	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	463.34	531.82	562.05	519.07	9.74	ppb
Boron	11-1	476.39	521.90	572.90	523.73	9.22	ppb
Bromine	81-1						cps
Cadmium	111-1	500.21	510.94	528.57	513.24	2.79	ppb
Cadmium	106-1	511.44	527.82	512.30	517.19	1.78	ppb
Cadmium	108-1	509.61	529.04	522.87	520.51	1.91	ppb
Calcium	43-1	49316.45	50090.66	52106.49	50504.53	2.85	ppb
Calcium	44-1	50604.25	51082.52	53417.18	51701.32	2.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.84	498.05	502.52	499.80	0.48	ppb
Cobalt	59-2	498.87	505.39	503.05	502.44	0.66	ppb
Copper	63-2	4942.93	5082.55	5083.86	5036.45	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	25002.57	25469.57	25310.53	25260.89	0.94	ppb
Iron	56-2	26533.89	26422.15	26072.04	26342.69	0.91	ppb
Iron	57-2	24406.76	24486.05	24439.84	24444.22	0.16	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:30:58	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2606.38	2676.57	2676.67	2653.21	1.53	ppb
Lead	207-1	2545.92	2670.72	2703.90	2640.18	3.16	ppb
Lead	208-1	2559.16	2613.69	2678.22	2617.02	2.28	ppb
Lithium	6-1				104		%
Magnesium	24-2	53269.72	53487.49	52846.43	53201.21	0.61	ppb
Manganese	55-2	5006.99	4959.59	4895.93	4954.17	1.12	ppb
Molybdenum	94-1	2505.12	2607.14	2697.75	2603.33	3.70	ppb
Molybdenum	95-1	2525.85	2651.85	2657.70	2611.80	2.85	ppb
Molybdenum	96-1	2490.27	2618.87	2651.64	2586.93	3.30	ppb
Molybdenum	97-1	2546.98	2596.14	2688.00	2610.37	2.74	ppb
Molybdenum	98-1	2496.51	2632.57	2682.45	2603.84	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.97	505.93	505.23	505.38	0.10	ppb
Phosphorus	31-2	9669.89	10074.84	10486.05	10076.93	4.05	ppb
Potassium	39-2	24947.90	25060.78	25235.86	25081.51	0.58	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	495.39	523.14	526.57	515.03	3.32	ppb
Selenium	77-2	524.56	482.02	439.74	482.11	8.80	ppb
Selenium	78-2	497.90	502.05	488.98	496.31	1.35	ppb
Silicon	28-1	473.75	687.62	946.42	702.60	33.69	ppb
Silver	107-1	472.01	487.54	497.55	485.70	2.65	ppb
Silver	109-1	486.82	497.78	506.80	497.14	2.01	ppb
Sodium	23-2	51886.57	52434.88	51859.43	52060.29	0.62	ppb
Strontium	86-1	4961.34	5147.38	5292.98	5133.90	3.24	ppb
Strontium	88-1	4983.02	5176.08	5277.62	5145.58	2.91	ppb
Sulfur	34-1	5781.99	6608.34	9850.94	7413.76	29.01	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	515.50	523.07	540.09	526.22	2.39	ppb
Thallium	205-1	516.37	521.58	552.56	530.17	3.69	ppb
Tin	118-1	498.13	516.38	524.62	513.05	2.64	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:30:58	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2469.80	2551.95	2637.93	2553.23	3.29	ppb
Uranium	238-1	508.99	525.08	538.36	524.14	2.81	ppb
Vanadium	51-2	493.58	497.09	498.98	496.55	0.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	4975.65	5043.17	5033.73	5017.52	0.73	ppb
Zirconium	90-1	512.14	520.63	530.39	521.05	1.75	ppb
Zirconium	91-1	498.20	514.73	530.43	514.45	3.13	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:33:56	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19326.52	19445.86	25931.78	21568.05	17.52	ppb
Antimony	121-1	1003.76	1043.85	1070.76	1039.46	3.24	ppb
Arsenic	75-2	1004.99	1006.04	1327.14	1112.72	16.69	ppb
Barium	135-1	5102.39	5337.48	5399.22	5279.70	2.97	ppb
Barium	137-1	4929.68	5170.01	5179.12	5092.94	2.78	ppb
Beryllium	9-1	1010.34	1018.16	1007.22	1011.91	0.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				91		%
Boron	10-1	1012.02	1095.14	1142.13	1083.10	6.08	ppb
Boron	11-1	1012.65	1100.14	1160.80	1091.20	6.83	ppb
Bromine	81-1						cps
Cadmium	111-1	989.21	1030.87	1052.73	1024.27	3.15	ppb
Cadmium	106-1	984.58	1026.22	1040.06	1016.95	2.84	ppb
Cadmium	108-1	988.66	1037.49	1049.52	1025.22	3.14	ppb
Calcium	43-1	99398.21	100527.17	99171.56	99698.98	0.73	ppb
Calcium	44-1	100510.40	101977.74	102782.89	101757.01	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	991.48	1001.21	1333.12	1108.60	17.54	ppb
Cobalt	59-2	988.94	993.83	1333.40	1105.39	17.86	ppb
Copper	63-2	9706.50	9886.87	13016.96	10870.11	17.12	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				93		%
Indium	115-1				105		%
Indium	115-2				90		%
Iron	54-2	53631.43	50474.23	66620.07	56908.57	15.04	ppb
Iron	56-2	51067.47	51850.90	69386.25	57434.88	18.03	ppb
Iron	57-2	48032.17	48890.71	65134.69	54019.19	17.84	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:33:56	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5211.56	5139.78	5263.53	5204.96	1.19	ppb
Lead	207-1	5227.60	5099.52	5267.97	5198.36	1.69	ppb
Lead	208-1	5208.69	5082.77	5241.27	5177.58	1.62	ppb
Lithium	6-1				104		%
Magnesium	24-2	103736.59	104761.02	139188.62	115895.41	17.41	ppb
Manganese	55-2	9933.06	9985.83	13334.48	11084.45	17.58	ppb
Molybdenum	94-1	5163.01	5134.09	5428.55	5241.88	3.10	ppb
Molybdenum	95-1	5198.65	5257.04	5333.15	5262.95	1.28	ppb
Molybdenum	96-1	5133.81	5216.76	5392.21	5247.59	2.51	ppb
Molybdenum	97-1	5205.18	5255.22	5428.58	5296.33	2.21	ppb
Molybdenum	98-1	5135.58	5315.26	5281.59	5244.14	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.52	994.22	1322.98	1101.91	17.38	ppb
Phosphorus	31-2	19343.51	20266.05	27326.24	22311.93	19.57	ppb
Potassium	39-2	51116.47	50535.41	68517.27	56723.05	18.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				90		%
Scandium	45-1				107		%
Scandium	45-2				93		%
Selenium	82-1	1041.51	1052.95	1066.34	1053.60	1.18	ppb
Selenium	77-2	984.85	1004.04	1290.19	1093.03	15.65	ppb
Selenium	78-2	1005.31	1019.73	1305.81	1110.28	15.26	ppb
Silicon	28-1	1285.09	1507.22	1239.59	1343.97	10.65	ppb
Silver	107-1	973.14	1022.03	1059.82	1018.33	4.27	ppb
Silver	109-1	986.89	1060.84	1052.59	1033.44	3.92	ppb
Sodium	23-2	102364.86	103686.59	139045.71	115032.39	18.09	ppb
Strontium	86-1	10223.20	10480.78	10631.67	10445.22	1.98	ppb
Strontium	88-1	10211.33	10515.73	10666.49	10464.52	2.22	ppb
Sulfur	34-1	31764.38	33178.42	26565.13	30502.64	11.42	ppb
Terbium	159-1				107		%
Terbium	159-2				96		%
Thallium	203-1	1041.82	1043.17	1060.99	1048.66	1.02	ppb
Thallium	205-1	1029.41	1030.93	1058.20	1039.51	1.56	ppb
Tin	118-1	1000.89	1033.63	1101.31	1045.28	4.90	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:33:56	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5248.10	5339.37	5178.44	5255.31	1.54	ppb
Uranium	238-1	1038.07	1038.48	1052.87	1043.14	0.81	ppb
Vanadium	51-2	979.83	996.01	1328.36	1101.40	17.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				93		%
Zinc	66-2	9780.74	9928.11	13174.57	10961.14	17.50	ppb
Zirconium	90-1	1042.22	1060.23	1056.75	1053.07	0.91	ppb
Zirconium	91-1	1021.42	1036.43	1074.60	1044.15	2.63	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:36:57	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92116.75	97244.12	99736.82	96365.90	4.03	ppb
Antimony	121-1	0.70	0.59	0.73	0.67	11.13	ppb
Arsenic	75-2	0.50	0.48	0.43	0.47	8.11	ppb
Barium	135-1	1.94	1.96	2.19	2.03	6.62	ppb
Barium	137-1	2.59	2.12	2.16	2.29	11.35	ppb
Beryllium	9-1	0.17	0.12	0.11	0.14	24.81	ppb
Bismuth	209-1				92		%
Bismuth	209-2				101		%
Boron	10-1	171.66	152.75	142.33	155.58	9.56	ppb
Boron	11-1	174.09	158.22	144.31	158.88	9.38	ppb
Bromine	81-1						cps
Cadmium	111-1	0.57	0.67	0.73	0.66	11.64	ppb
Cadmium	106-1	3.21	4.67	1.11	3.00	59.59	ppb
Cadmium	108-1	0.59	0.83	1.13	0.85	31.92	ppb
Calcium	43-1	505256.06	514760.33	507306.13	509107.51	0.98	ppb
Calcium	44-1	519119.00	512564.77	509413.11	513698.96	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.98	6.11	6.53	6.21	4.60	ppb
Cobalt	59-2	1.34	1.34	1.39	1.36	2.11	ppb
Copper	63-2	5.27	6.20	5.84	5.77	8.14	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				109		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	54-2	229946.02	250208.24	248368.47	242840.91	4.61	ppb
Iron	56-2	230861.11	242314.58	250287.28	241154.32	4.05	ppb
Iron	57-2	228597.48	244598.49	250969.03	241388.34	4.77	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:36:57	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	36.81	33.10	35.77	35.23	5.43	ppb
Lead	207-1	37.22	34.24	36.93	36.13	4.56	ppb
Lead	208-1	36.91	34.00	36.22	35.71	4.25	ppb
Lithium	6-1				98		%
Magnesium	24-2	468403.76	498838.82	506079.91	491107.50	4.07	ppb
Manganese	55-2	5.47	6.63	5.96	6.02	9.69	ppb
Molybdenum	94-1	2.17	1.66	1.63	1.82	16.90	ppb
Molybdenum	95-1	1.74	2.08	1.69	1.84	11.62	ppb
Molybdenum	96-1	2.11	1.99	1.80	1.97	7.87	ppb
Molybdenum	97-1	1.90	1.79	1.84	1.84	3.01	ppb
Molybdenum	98-1	1.81	1.94	1.73	1.82	5.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.81	2.84	3.45	3.03	11.95	ppb
Phosphorus	31-2	-12.30	-28.91	-45.56	-28.92		ppb
Potassium	39-2	227125.46	242632.42	247567.28	239108.39	4.46	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	1.57	-0.02	4.99	2.18	117.53	ppb
Selenium	77-2	2.94	0.00	6.47	3.14	103.24	ppb
Selenium	78-2	2.41	0.71	-0.21	0.97	137.37	ppb
Silicon	28-1	423.63	282.11	624.60	443.45	38.81	ppb
Silver	107-1	0.31	0.32	0.30	0.31	2.70	ppb
Silver	109-1	0.47	0.31	0.35	0.38	21.22	ppb
Sodium	23-2	459611.88	492913.12	506636.56	486387.19	4.97	ppb
Strontium	86-1	7.52	7.45	6.65	7.21	6.66	ppb
Strontium	88-1	7.83	7.42	7.16	7.47	4.52	ppb
Sulfur	34-1	-27308.88	-29746.17	-22720.29	-26591.78		ppb
Terbium	159-1				102		%
Terbium	159-2				112		%
Thallium	203-1	0.57	0.46	0.42	0.49	15.29	ppb
Thallium	205-1	0.56	0.41	0.42	0.46	18.50	ppb
Tin	118-1	0.51	0.54	0.53	0.53	3.47	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:36:57	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.33	1.38	1.51	1.40	6.67	ppb
Uranium	238-1	0.26	0.16	0.20	0.21	24.71	ppb
Vanadium	51-2	0.19	0.16	0.20	0.19	10.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	18.85	19.82	19.13	19.27	2.59	ppb
Zirconium	90-1	0.42	0.39	0.36	0.39	8.04	ppb
Zirconium	91-1	0.40	0.35	0.35	0.37	8.28	ppb

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 15:08:09 DataFile Name : 017ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	461.85	489.28	480.83	477.32	2.94	ppb
Antimony	121-1	204.06	202.52	199.73	202.10	1.09	ppb
Arsenic	75-2	203.10	202.69	199.24	201.67	1.05	ppb
Barium	135-1	103.42	103.80	103.07	103.43	0.35	ppb
Barium	137-1	104.55	104.77	98.49	102.60	3.47	ppb
Beryllium	9-1	110.91	109.35	107.25	109.17	1.68	ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Boron	10-1	24.59	23.17	23.78	23.84	2.98	ppb
Boron	11-1	27.27	23.98	23.08	24.78	8.90	ppb
Bromine	81-1						cps
Cadmium	111-1	108.54	108.48	107.20	108.07	0.70	ppb
Cadmium	106-1	108.99	103.48	95.73	102.73	6.48	ppb
Cadmium	108-1	99.06	101.95	99.36	100.12	1.59	ppb
Calcium	43-1	4392.45	4318.06	4198.76	4303.09	2.27	ppb
Calcium	44-1	3361.22	3139.38	3069.22	3189.94	4.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.87	98.78	99.51	98.72	0.83	ppb
Cobalt	59-2	99.81	100.23	101.42	100.48	0.83	ppb
Copper	63-2	95.14	95.69	97.05	95.96	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				106		%
Iron	54-2	1977.53	1971.54	2016.26	1988.44	1.22	ppb
Iron	56-2	1919.11	1897.72	1917.37	1911.40	0.62	ppb
Iron	57-2	1814.90	1889.18	1813.90	1839.32	2.35	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:08:09	DataFile Name :	017ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	216.91	204.80	189.86	203.85	6.65	ppb
Lead	207-1	206.07	189.17	179.46	191.56	7.03	ppb
Lead	208-1	211.14	195.82	186.95	197.97	6.18	ppb
Lithium	6-1				90		%
Magnesium	24-2	1150.42	1147.43	1165.07	1154.31	0.82	ppb
Manganese	55-2	99.02	98.39	100.21	99.21	0.93	ppb
Molybdenum	94-1	0.16	0.14	0.11	0.14	19.59	ppb
Molybdenum	95-1	0.09	0.08	0.11	0.09	17.59	ppb
Molybdenum	96-1	0.15	0.05	0.09	0.10	46.98	ppb
Molybdenum	97-1	0.15	0.16	0.06	0.12	45.49	ppb
Molybdenum	98-1	0.16	0.10	0.11	0.12	28.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.81	99.80	100.83	100.82	1.00	ppb
Phosphorus	31-2	-20.45	33.19	-45.41	-10.89		ppb
Potassium	39-2	1948.68	1985.27	2052.66	1995.54	2.64	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				106		%
Selenium	82-1	227.71	220.82	215.14	221.22	2.84	ppb
Selenium	77-2	219.18	250.94	208.99	226.37	9.67	ppb
Selenium	78-2	211.95	197.06	219.59	209.53	5.47	ppb
Silicon	28-1	804.72	310.28	101.14	405.38	89.13	ppb
Silver	107-1	49.85	48.90	48.19	48.98	1.70	ppb
Silver	109-1	50.15	50.06	48.66	49.63	1.69	ppb
Sodium	23-2	2019.13	2014.56	2071.48	2035.06	1.55	ppb
Strontium	86-1	5010.10	4906.84	4928.44	4948.46	1.10	ppb
Strontium	88-1	4960.38	4822.50	4900.93	4894.60	1.41	ppb
Sulfur	34-1	-6494.60	-19593.28	-25479.93	-17189.27		ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	230.87	215.09	208.14	218.03	5.34	ppb
Thallium	205-1	219.82	205.42	196.93	207.39	5.58	ppb
Tin	118-1	-0.03	0.06	-0.05	-0.01		ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:08:09	DataFile Name :	017ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.21	0.46	0.13	0.27	65.41	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.13	ppb
Vanadium	51-2	96.94	96.38	96.31	96.55	0.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	185.49	183.70	188.67	185.95	1.35	ppb
Zirconium	90-1	0.04	0.00	0.04	0.03	76.91	ppb
Zirconium	91-1	0.15	0.08	0.00	0.08	98.19	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:22:11	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.96	19.04	21.32	19.78	6.77	ppb
Antimony	121-1	1.91	1.98	2.03	1.97	2.83	ppb
Arsenic	75-2	0.82	1.08	1.02	0.97	13.59	ppb
Barium	135-1	9.01	9.62	10.78	9.80	9.19	ppb
Barium	137-1	9.18	9.86	9.82	9.62	3.95	ppb
Beryllium	9-1	1.08	1.05	1.02	1.05	3.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	28.79	28.89	33.95	30.55	9.66	ppb
Boron	11-1	29.23	32.64	34.99	32.29	8.98	ppb
Bromine	81-1						cps
Cadmium	111-1	0.89	1.05	1.24	1.06	16.44	ppb
Cadmium	106-1	4.33	5.48	9.01	6.27	38.95	ppb
Cadmium	108-1	0.70	0.44	0.85	0.66	31.64	ppb
Calcium	43-1	449.16	465.98	450.37	455.17	2.06	ppb
Calcium	44-1	419.40	412.60	422.42	418.14	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	2.00	2.45	2.15	12.12	ppb
Cobalt	59-2	0.95	0.82	1.04	0.94	11.61	ppb
Copper	63-2	1.72	1.68	1.67	1.69	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	57.05	54.43	50.87	54.12	5.73	ppb
Iron	56-2	51.64	50.08	50.53	50.75	1.57	ppb
Iron	57-2	51.55	66.37	52.67	56.86	14.51	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:22:11	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.11	1.05	0.99	1.05	5.69	ppb
Lead	207-1	1.03	1.12	0.97	1.04	7.23	ppb
Lead	208-1	1.04	1.05	1.04	1.04	0.34	ppb
Lithium	6-1				95		%
Magnesium	24-2	495.99	502.69	522.39	507.03	2.71	ppb
Manganese	55-2	0.92	1.13	0.91	0.99	12.14	ppb
Molybdenum	94-1	4.97	5.08	4.69	4.92	4.07	ppb
Molybdenum	95-1	4.64	4.86	4.53	4.68	3.53	ppb
Molybdenum	96-1	4.63	4.34	5.05	4.68	7.60	ppb
Molybdenum	97-1	4.51	4.70	4.84	4.68	3.50	ppb
Molybdenum	98-1	4.63	4.81	4.81	4.75	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.88	0.88	0.87	0.99	ppb
Phosphorus	31-2	-20.90	-30.80	-57.97	-36.56		ppb
Potassium	39-2	526.71	538.63	545.53	536.96	1.77	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	8.21	5.20	0.48	4.63	84.09	ppb
Selenium	77-2	6.33	0.00	6.56	4.30	86.65	ppb
Selenium	78-2	6.52	8.07	8.49	7.69	13.51	ppb
Silicon	28-1	-237.22	-147.24	75.31	-103.05		ppb
Silver	107-1	0.99	0.94	1.01	0.98	3.37	ppb
Silver	109-1	0.98	0.91	0.99	0.96	4.72	ppb
Sodium	23-2	545.79	536.25	598.58	560.21	5.99	ppb
Strontium	86-1	0.41	0.53	0.89	0.61	41.01	ppb
Strontium	88-1	1.09	1.06	0.99	1.05	5.04	ppb
Sulfur	34-1	-28976.93	-25923.81	-22443.90	-25781.54		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1.13	1.13	1.00	1.09	6.88	ppb
Thallium	205-1	1.01	1.03	1.01	1.02	0.79	ppb
Tin	118-1	4.97	5.35	5.30	5.21	4.00	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:22:11	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.03	4.99	5.18	5.40	10.30	ppb
Uranium	238-1	0.92	0.86	0.97	0.92	5.92	ppb
Vanadium	51-2	5.18	4.96	5.11	5.08	2.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	1.52	1.63	1.70	1.62	5.67	ppb
Zirconium	90-1	0.97	0.99	1.10	1.02	6.83	ppb
Zirconium	91-1	1.02	1.08	0.99	1.03	4.32	ppb

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 15:28:15 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.83	1.65	-0.88	-0.35		ppb
Antimony	121-1	0.00	0.02	0.01	0.01	139.70	ppb
Arsenic	75-2	0.03	0.00	0.06	0.03	99.24	ppb
Barium	135-1	-0.05	0.03	-0.03	-0.02		ppb
Barium	137-1	0.00	-0.02	0.01	0.00		ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	10-1	11.84	11.24	11.41	11.50	2.70	ppb
Boron	11-1	11.98	10.77	11.32	11.36	5.33	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.04	0.03	0.02	181.09	ppb
Cadmium	106-1	-0.09	2.32	1.14	1.13	107.01	ppb
Cadmium	108-1	0.28	0.02	0.02	0.11	138.11	ppb
Calcium	43-1	-10.22	-12.52	-13.96	-12.23		ppb
Calcium	44-1	-22.10	-7.13	-25.08	-18.10		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.13	-0.01	0.04	170.71	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.10	-0.06	-0.05	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	6.23	1.78	6.54	4.85	54.92	ppb
Iron	56-2	0.37	0.79	0.52	0.56	37.77	ppb
Iron	57-2	1.13	0.06	1.93	1.04	90.35	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:28:15	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.02	0.07	62.46	ppb
Lead	207-1	0.11	0.06	0.05	0.07	48.50	ppb
Lead	208-1	0.11	0.07	0.06	0.08	33.73	ppb
Lithium	6-1				97		%
Magnesium	24-2	-0.32	1.26	0.36	0.43	182.80	ppb
Manganese	55-2	0.07	-0.01	0.05	0.04	102.72	ppb
Molybdenum	94-1	-0.03	0.00	0.03	0.00	11293.37	ppb
Molybdenum	95-1	-0.03	-0.01	-0.04	-0.02		ppb
Molybdenum	96-1	0.02	-0.02	0.01	0.00	629.14	ppb
Molybdenum	97-1	0.02	-0.01	-0.01	0.00		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.11	-0.17	-0.14		ppb
Phosphorus	31-2	-62.36	-65.83	-10.38	-46.19		ppb
Potassium	39-2	38.75	65.36	69.61	57.91	28.88	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	-6.93	-1.60	-1.16	-3.23		ppb
Selenium	77-2	3.23	0.00	0.00	1.08	173.21	ppb
Selenium	78-2	0.67	1.16	1.75	1.19	45.48	ppb
Silicon	28-1	-248.02	-134.36	-367.05	-249.81		ppb
Silver	107-1	0.01	0.00	0.02	0.01	95.46	ppb
Silver	109-1	0.00	0.02	0.00	0.01	140.23	ppb
Sodium	23-2	59.24	63.85	45.38	56.16	17.12	ppb
Strontium	86-1	-0.69	0.28	-0.41	-0.27		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	56.77	ppb
Sulfur	34-1	-23884.94	-21694.28	-28404.32	-24661.18		ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.03	0.01	0.02	50.05	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	128.16	ppb
Tin	118-1	-0.07	-0.11	-0.11	-0.10		ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:28:15	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	0.09	-0.37	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	-0.42	-0.43	-0.54	-0.46		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.04	0.03	0.01	0.00	4233.90	ppb

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 15:31:19 DataFile Name : 022ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96278.27	96460.64	96081.50	96273.47	0.20	ppb
Antimony	121-1	1.13	1.05	1.04	1.08	4.65	ppb
Arsenic	75-2	0.21	0.27	0.30	0.26	17.03	ppb
Barium	135-1	1.99	1.18	1.39	1.52	27.75	ppb
Barium	137-1	1.41	1.19	1.37	1.32	8.59	ppb
Beryllium	9-1	0.29	0.30	0.27	0.29	5.12	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	10.46	11.24	9.71	10.47	7.28	ppb
Boron	11-1	10.52	11.53	11.39	11.15	4.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.32	0.33	0.40	0.35	12.42	ppb
Cadmium	106-1	0.70	0.98	3.43	1.70	88.39	ppb
Cadmium	108-1	10.96	9.08	10.71	10.25	9.99	ppb
Calcium	43-1	94734.11	96491.63	94496.40	95240.72	1.14	ppb
Calcium	44-1	97887.13	99717.68	98135.54	98580.11	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.17	19.91	20.46	20.18	1.37	ppb
Cobalt	59-2	1.19	1.18	1.17	1.18	0.95	ppb
Copper	63-2	7.54	7.74	7.53	7.60	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				101		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	107620.85	103724.60	105436.90	105594.12	1.85	ppb
Iron	56-2	104340.00	102818.89	102251.12	103136.67	1.05	ppb
Iron	57-2	96944.01	96369.82	96161.86	96491.89	0.42	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:31:19	DataFile Name :	022ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.82	4.85	4.80	4.82	0.50	ppb
Lead	207-1	4.09	4.24	4.28	4.20	2.37	ppb
Lead	208-1	4.37	4.57	4.60	4.51	2.81	ppb
Lithium	6-1				99		%
Magnesium	24-2	100828.17	98813.10	98904.03	99515.10	1.14	ppb
Manganese	55-2	6.86	6.89	7.60	7.12	5.84	ppb
Molybdenum	94-1	1321.30	1362.58	1349.01	1344.30	1.57	ppb
Molybdenum	95-1	1931.38	1978.83	1950.29	1953.50	1.22	ppb
Molybdenum	96-1	1873.33	1925.78	1898.38	1899.16	1.38	ppb
Molybdenum	97-1	1866.64	1884.72	1860.21	1870.52	0.68	ppb
Molybdenum	98-1	1924.53	1978.41	1913.95	1938.97	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.52	5.17	5.59	5.43	4.17	ppb
Phosphorus	31-2	100706.78	98277.66	98379.29	99121.24	1.39	ppb
Potassium	39-2	102548.84	100964.01	99882.03	101131.63	1.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	-2.72	3.17	-4.51	-1.35		ppb
Selenium	77-2	3.21	6.23	0.00	3.15	98.99	ppb
Selenium	78-2	2.95	0.96	1.22	1.71	63.31	ppb
Silicon	28-1	624.98	1017.43	876.91	839.78	23.68	ppb
Silver	107-1	0.04	0.05	0.06	0.05	18.66	ppb
Silver	109-1	0.07	0.04	0.06	0.05	22.62	ppb
Sodium	23-2	104391.09	102751.97	102610.39	103251.15	0.96	ppb
Strontium	86-1	34.19	35.41	33.61	34.40	2.67	ppb
Strontium	88-1	33.73	34.63	34.27	34.21	1.33	ppb
Sulfur	34-1	234528.91	234296.40	213505.37	227443.56	5.31	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.12	0.15	0.11	49.78	ppb
Thallium	205-1	0.09	0.15	0.18	0.14	31.69	ppb
Tin	118-1	0.11	0.17	0.07	0.11	44.76	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:31:19	DataFile Name :	022ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2038.51	2109.75	2025.62	2057.96	2.20	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	13.12	ppb
Vanadium	51-2	0.10	0.14	0.11	0.12	15.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	10.22	10.77	10.42	10.47	2.67	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	81.27	ppb
Zirconium	91-1	0.09	0.04	0.00	0.04	98.85	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:38:49	DataFile Name :	024ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91157.78	92178.03	92741.70	92025.84	0.87	ppb
Antimony	121-1	20.03	20.76	19.98	20.26	2.15	ppb
Arsenic	75-2	20.10	20.25	18.93	19.76	3.67	ppb
Barium	135-1	19.18	22.00	19.62	20.27	7.48	ppb
Barium	137-1	20.56	20.41	20.85	20.61	1.07	ppb
Beryllium	9-1	19.58	19.66	19.36	19.53	0.77	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	8.74	10.06	7.00	8.60	17.89	ppb
Boron	11-1	9.78	9.23	8.49	9.17	7.03	ppb
Bromine	81-1						cps
Cadmium	111-1	20.58	20.24	20.17	20.33	1.06	ppb
Cadmium	106-1	21.96	18.62	19.82	20.13	8.39	ppb
Cadmium	108-1	25.75	27.39	25.42	26.18	4.03	ppb
Calcium	43-1	88260.28	91873.13	92445.50	90859.64	2.50	ppb
Calcium	44-1	91038.96	94923.14	96236.15	94066.08	2.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.85	39.24	38.89	38.99	0.54	ppb
Cobalt	59-2	20.78	21.31	20.55	20.88	1.88	ppb
Copper	63-2	26.73	27.26	26.57	26.85	1.34	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				102		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	54-2	99712.27	100615.74	100017.44	100115.15	0.46	ppb
Iron	56-2	98293.03	98645.00	97548.21	98162.08	0.57	ppb
Iron	57-2	92237.30	93018.64	91594.00	92283.31	0.77	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:38:49	DataFile Name :	024ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.58	24.28	23.71	23.86	1.58	ppb
Lead	207-1	22.23	22.61	22.76	22.53	1.22	ppb
Lead	208-1	22.59	22.89	22.95	22.81	0.84	ppb
Lithium	6-1				111		%
Magnesium	24-2	96309.25	97234.34	95266.92	96270.17	1.02	ppb
Manganese	55-2	26.34	26.86	25.88	26.36	1.86	ppb
Molybdenum	94-1	1269.69	1313.73	1283.70	1289.04	1.75	ppb
Molybdenum	95-1	1811.17	1914.47	1876.11	1867.25	2.80	ppb
Molybdenum	96-1	1765.34	1853.79	1784.57	1801.24	2.58	ppb
Molybdenum	97-1	1768.30	1842.07	1795.09	1801.82	2.07	ppb
Molybdenum	98-1	1883.83	1916.99	1833.11	1877.98	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.26	24.43	24.76	24.82	1.67	ppb
Phosphorus	31-2	95443.35	93940.95	93839.82	94408.04	0.95	ppb
Potassium	39-2	97912.26	97243.97	96857.55	97337.93	0.55	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	18.40	16.58	23.94	19.64	19.53	ppb
Selenium	77-2	9.34	13.06	9.74	10.71	19.10	ppb
Selenium	78-2	17.85	16.11	27.12	20.36	29.07	ppb
Silicon	28-1	215.10	476.19	478.53	389.94	38.83	ppb
Silver	107-1	17.06	18.37	18.37	17.94	4.21	ppb
Silver	109-1	18.54	18.57	17.99	18.36	1.79	ppb
Sodium	23-2	98259.79	99337.52	99654.83	99084.05	0.74	ppb
Strontium	86-1	31.85	33.94	32.97	32.92	3.19	ppb
Strontium	88-1	32.99	33.72	33.38	33.36	1.09	ppb
Sulfur	34-1	185826.59	189058.87	183898.44	186261.30	1.40	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	20.60	21.35	21.72	21.22	2.68	ppb
Thallium	205-1	19.60	20.33	19.51	19.81	2.28	ppb
Tin	118-1	0.13	0.23	0.11	0.16	41.24	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:38:49	DataFile Name :	024ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1925.12	1996.94	1966.52	1962.86	1.84	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	45.76	ppb
Vanadium	51-2	18.61	18.92	18.98	18.84	1.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	35.06	34.49	34.28	34.61	1.17	ppb
Zirconium	90-1	0.05	0.03	0.06	0.04	39.14	ppb
Zirconium	91-1	0.10	0.05	0.02	0.06	72.95	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:50:59	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47286.87	47596.32	47133.91	47339.03	0.50	ppb
Antimony	121-1	501.38	497.68	490.37	496.48	1.13	ppb
Arsenic	75-2	496.99	497.47	498.02	497.49	0.10	ppb
Barium	135-1	2500.61	2491.12	2435.14	2475.62	1.43	ppb
Barium	137-1	2567.74	2626.46	2551.57	2581.92	1.53	ppb
Beryllium	9-1	525.01	524.38	521.30	523.57	0.38	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	577.01	608.10	634.13	606.41	4.72	ppb
Boron	11-1	570.96	608.87	635.63	605.15	5.37	ppb
Bromine	81-1						cps
Cadmium	111-1	506.57	508.42	504.69	506.56	0.37	ppb
Cadmium	106-1	512.55	498.09	511.05	507.23	1.57	ppb
Cadmium	108-1	504.70	502.84	498.76	502.10	0.60	ppb
Calcium	43-1	249475.87	254913.84	248753.07	251047.59	1.34	ppb
Calcium	44-1	248554.15	251729.52	245334.96	248539.54	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.70	494.34	494.45	492.50	0.67	ppb
Cobalt	59-2	487.70	488.98	484.81	487.16	0.44	ppb
Copper	63-2	4887.84	4932.80	4803.65	4874.76	1.34	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				106		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	127129.82	127866.86	125364.92	126787.20	1.01	ppb
Iron	56-2	123914.00	126913.35	126483.59	125770.31	1.29	ppb
Iron	57-2	125151.02	125173.19	126616.22	125646.81	0.67	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:50:59	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2634.50	2685.75	2730.92	2683.72	1.80	ppb
Lead	207-1	2706.67	2627.08	2711.26	2681.67	1.77	ppb
Lead	208-1	2665.40	2622.65	2684.98	2657.68	1.20	ppb
Lithium	6-1				97		%
Magnesium	24-2	257511.55	254769.95	253243.38	255174.96	0.85	ppb
Manganese	55-2	4959.32	4999.22	4930.63	4963.06	0.69	ppb
Molybdenum	94-1	2631.62	2706.57	2610.60	2649.60	1.90	ppb
Molybdenum	95-1	2592.24	2766.64	2580.43	2646.44	3.94	ppb
Molybdenum	96-1	2592.50	2703.97	2581.04	2625.84	2.59	ppb
Molybdenum	97-1	2642.42	2689.53	2553.55	2628.50	2.63	ppb
Molybdenum	98-1	2607.78	2724.37	2566.13	2632.76	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.43	488.08	486.37	485.29	0.71	ppb
Phosphorus	31-2	10450.95	10053.12	10651.21	10385.09	2.93	ppb
Potassium	39-2	126770.42	125172.90	125275.79	125739.70	0.71	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	511.16	521.77	510.37	514.43	1.24	ppb
Selenium	77-2	478.97	531.22	461.11	490.43	7.43	ppb
Selenium	78-2	495.40	488.87	501.02	495.10	1.23	ppb
Silicon	28-1	1877.97	1971.48	1465.77	1771.74	15.19	ppb
Silver	107-1	488.32	475.79	483.07	482.39	1.30	ppb
Silver	109-1	491.40	491.96	487.52	490.29	0.49	ppb
Sodium	23-2	254257.74	256348.37	250660.58	253755.56	1.13	ppb
Strontium	86-1	5230.66	5366.98	5242.46	5280.03	1.43	ppb
Strontium	88-1	5124.55	5289.88	5105.65	5173.36	1.96	ppb
Sulfur	34-1	3529.09	4789.31	-3497.39	1607.00	277.86	ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	523.69	524.42	530.39	526.17	0.70	ppb
Thallium	205-1	520.00	529.69	538.62	529.44	1.76	ppb
Tin	118-1	524.46	515.49	515.91	518.62	0.98	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:50:59	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2531.83	2580.80	2526.17	2546.27	1.18	ppb
Uranium	238-1	539.38	547.27	544.07	543.57	0.73	ppb
Vanadium	51-2	493.99	499.47	495.03	496.16	0.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	4828.91	4917.01	4812.57	4852.83	1.16	ppb
Zirconium	90-1	529.41	537.59	516.26	527.75	2.04	ppb
Zirconium	91-1	514.38	526.57	514.93	518.63	1.33	ppb

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 15:57:31 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	-1.42	-2.20	-1.21		ppb
Antimony	121-1	0.03	0.05	0.05	0.04	34.49	ppb
Arsenic	75-2	0.03	0.00	-0.02	0.00	795.60	ppb
Barium	135-1	0.09	0.26	0.07	0.14	73.69	ppb
Barium	137-1	-0.01	0.26	0.21	0.15	93.28	ppb
Beryllium	9-1	0.02	0.05	0.02	0.03	54.05	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	30.44	31.70	30.38	30.84	2.42	ppb
Boron	11-1	29.74	32.32	31.14	31.07	4.15	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.11	0.11	0.11	3.08	ppb
Cadmium	106-1	2.32	-0.19	0.54	0.89	144.89	ppb
Cadmium	108-1	-0.11	0.04	0.30	0.08	275.63	ppb
Calcium	43-1	-11.49	-3.50	-2.60	-5.86		ppb
Calcium	44-1	-17.50	66.73	83.27	44.16	122.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.05	0.07	-0.01		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.01	-0.01	-0.02	-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				103		%
Indium	115-2				104		%
Iron	54-2	4.87	3.20	3.67	3.91	21.98	ppb
Iron	56-2	1.13	0.66	0.34	0.71	56.31	ppb
Iron	57-2	-0.21	1.96	0.91	0.88	122.54	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:57:31	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.35	0.65	0.42	0.47	33.02	ppb
Lead	207-1	0.39	0.54	0.40	0.44	19.12	ppb
Lead	208-1	0.38	0.55	0.40	0.45	21.10	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.94	2.78	2.81	2.51	19.63	ppb
Manganese	55-2	0.06	0.11	0.01	0.06	82.04	ppb
Molybdenum	94-1	0.05	0.21	0.16	0.14	58.12	ppb
Molybdenum	95-1	0.08	0.16	0.05	0.10	58.89	ppb
Molybdenum	96-1	0.11	0.16	0.11	0.13	24.20	ppb
Molybdenum	97-1	0.14	0.26	0.20	0.20	29.91	ppb
Molybdenum	98-1	0.08	0.09	0.07	0.08	10.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.23	-0.27	-0.24		ppb
Phosphorus	31-2	-43.50	-63.81	-74.64	-60.65		ppb
Potassium	39-2	90.56	76.86	82.74	83.39	8.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.59	-3.33	6.91	1.39	371.98	ppb
Selenium	77-2	6.42	0.00	0.00	2.14	173.21	ppb
Selenium	78-2	-0.26	-0.65	-0.26	-0.39		ppb
Silicon	28-1	532.79	859.99	700.30	697.69	23.45	ppb
Silver	107-1	0.02	0.03	0.01	0.02	41.47	ppb
Silver	109-1	0.03	0.01	0.02	0.02	42.62	ppb
Sodium	23-2	158.85	141.96	134.97	145.26	8.45	ppb
Strontium	86-1	-0.17	0.14	0.35	0.11	247.00	ppb
Strontium	88-1	0.04	0.26	0.14	0.14	77.52	ppb
Sulfur	34-1	-27726.26	-19680.96	-22064.89	-23157.37		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.12	0.18	0.14	19.58	ppb
Thallium	205-1	0.12	0.21	0.17	0.17	26.66	ppb
Tin	118-1	0.22	-0.04	-0.12	0.02	860.52	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:57:31	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.26	0.16	0.15	80.83	ppb
Uranium	238-1	0.01	0.03	0.01	0.02	70.33	ppb
Vanadium	51-2	0.00	-0.01	-0.03	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	-0.29	-0.25	-0.25	-0.26		ppb
Zirconium	90-1	0.00	0.04	0.04	0.02	91.95	ppb
Zirconium	91-1	0.00	0.08	0.03	0.04	111.52	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:03:35	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.72	18.45	18.83	19.33	6.29	ppb
Antimony	121-1	2.22	2.12	2.22	2.18	2.62	ppb
Arsenic	75-2	1.06	1.05	0.99	1.04	3.43	ppb
Barium	135-1	11.53	9.49	9.79	10.27	10.74	ppb
Barium	137-1	11.64	10.54	10.35	10.85	6.40	ppb
Beryllium	9-1	1.19	1.21	1.01	1.13	9.74	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	45.11	45.55	45.84	45.50	0.80	ppb
Boron	11-1	43.39	42.95	45.13	43.82	2.62	ppb
Bromine	81-1						cps
Cadmium	111-1	1.15	0.91	1.06	1.04	11.48	ppb
Cadmium	106-1	0.69	0.78	3.67	1.71	98.92	ppb
Cadmium	108-1	2.13	0.70	0.02	0.95	113.38	ppb
Calcium	43-1	516.84	491.90	455.54	488.09	6.32	ppb
Calcium	44-1	597.62	515.39	454.38	522.47	13.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.11	2.07	2.23	2.13	3.95	ppb
Cobalt	59-2	1.16	0.97	0.94	1.02	11.78	ppb
Copper	63-2	1.86	2.04	1.83	1.91	6.14	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				103		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	55.32	61.38	58.44	58.38	5.19	ppb
Iron	56-2	51.90	51.20	52.48	51.86	1.24	ppb
Iron	57-2	55.22	60.19	55.50	56.97	4.90	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:03:35	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.62	1.38	0.96	1.32	25.12	ppb
Lead	207-1	1.35	1.24	1.08	1.22	10.98	ppb
Lead	208-1	1.39	1.33	1.12	1.28	11.14	ppb
Lithium	6-1				95		%
Magnesium	24-2	534.17	521.25	520.69	525.37	1.45	ppb
Manganese	55-2	1.15	1.02	1.05	1.07	6.56	ppb
Molybdenum	94-1	5.17	5.08	4.91	5.05	2.56	ppb
Molybdenum	95-1	5.05	5.22	4.76	5.01	4.59	ppb
Molybdenum	96-1	5.23	4.84	4.71	4.93	5.48	ppb
Molybdenum	97-1	5.11	4.70	5.12	4.98	4.80	ppb
Molybdenum	98-1	5.51	5.40	4.63	5.18	9.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.98	0.94	0.87	18.86	ppb
Phosphorus	31-2	-50.06	-43.02	-18.83	-37.30		ppb
Potassium	39-2	546.73	542.01	585.09	557.94	4.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	9.07	2.24	7.35	6.22	57.11	ppb
Selenium	77-2	12.15	6.12	6.34	8.20	41.67	ppb
Selenium	78-2	5.99	1.93	5.68	4.53	49.82	ppb
Silicon	28-1	1082.08	603.99	146.00	610.69	76.65	ppb
Silver	107-1	1.11	1.08	1.02	1.07	4.21	ppb
Silver	109-1	1.04	1.09	1.08	1.07	2.46	ppb
Sodium	23-2	575.79	560.38	593.25	576.48	2.85	ppb
Strontium	86-1	1.40	0.95	0.18	0.85	72.80	ppb
Strontium	88-1	1.20	1.10	0.98	1.09	9.99	ppb
Sulfur	34-1	-12543.10	-22610.76	-30228.77	-21794.21		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	1.28	1.06	1.19	1.17	9.38	ppb
Thallium	205-1	1.25	1.13	0.99	1.13	11.35	ppb
Tin	118-1	5.90	5.39	5.36	5.55	5.43	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:03:35	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.73	5.93	5.60	5.75	2.87	ppb
Uranium	238-1	1.19	0.90	0.93	1.01	15.92	ppb
Vanadium	51-2	5.12	5.03	5.11	5.09	0.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	1.99	1.88	1.86	1.91	3.67	ppb
Zirconium	90-1	1.14	1.08	0.97	1.06	8.12	ppb
Zirconium	91-1	1.32	1.00	0.97	1.10	17.95	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049BL	Instrumnet Name :	P8
Client Sample ID :	PB136049BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:06:37	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.30	0.85	0.39	106.55	ppb
Antimony	121-1	0.01	0.00	0.02	0.01	56.00	ppb
Arsenic	75-2	0.01	0.05	0.04	0.04	58.52	ppb
Barium	135-1	-0.01	-0.05	-0.05	-0.04		ppb
Barium	137-1	0.01	0.03	0.03	0.02	29.66	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	123.99	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	16.70	16.97	15.56	16.41	4.55	ppb
Boron	11-1	17.68	15.79	15.03	16.17	8.46	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	0.12	0.03	0.08	57.11	ppb
Cadmium	106-1	3.84	4.67	2.01	3.51	38.72	ppb
Cadmium	108-1	-0.24	-0.11	0.02	-0.11		ppb
Calcium	43-1	-6.14	-12.54	-7.56	-8.75		ppb
Calcium	44-1	-46.16	-18.78	-3.40	-22.78		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.03	0.03	-0.03		ppb
Cobalt	59-2	-0.03	-0.02	0.00	-0.01		ppb
Copper	63-2	0.00	-0.04	-0.04	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	4.41	6.47	1.17	4.02	66.52	ppb
Iron	56-2	0.65	0.34	0.92	0.64	44.90	ppb
Iron	57-2	-0.85	1.91	5.66	2.24	145.71	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049BL	Instrumnet Name :	P8
Client Sample ID :	PB136049BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:06:37	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.17	0.16	0.24	0.19	21.77	ppb
Lead	207-1	0.06	0.21	0.26	0.18	58.75	ppb
Lead	208-1	0.16	0.17	0.22	0.18	17.23	ppb
Lithium	6-1				98		%
Magnesium	24-2	-1.25	0.56	1.43	0.25	553.02	ppb
Manganese	55-2	0.09	0.16	-0.01	0.08	102.07	ppb
Molybdenum	94-1	0.03	-0.02	0.06	0.02	163.23	ppb
Molybdenum	95-1	0.02	0.00	0.00	0.01	161.89	ppb
Molybdenum	96-1	0.04	0.06	0.00	0.03	101.74	ppb
Molybdenum	97-1	0.05	0.02	-0.01	0.02	168.49	ppb
Molybdenum	98-1	0.05	0.01	0.02	0.03	69.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.21	-0.16	-0.18		ppb
Phosphorus	31-2	57.76	33.02	-9.62	27.05	126.00	ppb
Potassium	39-2	54.29	26.35	46.05	42.23	33.99	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	1.13	-0.80	-1.66	-0.44		ppb
Selenium	77-2	0.00	3.11	3.17	2.09	86.61	ppb
Selenium	78-2	2.54	0.68	0.82	1.35	76.60	ppb
Silicon	28-1	362.00	242.20	38.29	214.16	76.42	ppb
Silver	107-1	0.01	0.00	0.01	0.00	193.19	ppb
Silver	109-1	0.02	0.01	0.01	0.02	36.50	ppb
Sodium	23-2	73.99	71.74	73.15	72.96	1.56	ppb
Strontium	86-1	-0.74	-0.11	-0.80	-0.55		ppb
Strontium	88-1	0.02	0.01	0.00	0.01	115.38	ppb
Sulfur	34-1	-27196.48	-28518.16	-30715.93	-28810.19		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.06	0.01	0.04	62.91	ppb
Thallium	205-1	0.07	0.06	0.02	0.05	58.71	ppb
Tin	118-1	-0.10	-0.10	-0.12	-0.11		ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049BL	Instrumnet Name :	P8
Client Sample ID :	PB136049BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:06:37	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.21	-0.04	0.07	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	-0.31	-0.05	-0.37	-0.24		ppb
Zirconium	90-1	0.00	0.04	0.01	0.02	102.94	ppb
Zirconium	91-1	0.01	-0.01	0.02	0.01	294.21	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049BS	Instrumnet Name :	P8
Client Sample ID :	PB136049BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:09:40	DataFile Name :	032LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9658.01	9646.90	9635.51	9646.80	0.12	ppb
Antimony	121-1	494.70	502.33	497.07	498.03	0.78	ppb
Arsenic	75-2	502.27	499.95	500.65	500.96	0.24	ppb
Barium	135-1	2441.80	2507.36	2463.09	2470.75	1.35	ppb
Barium	137-1	2588.21	2591.32	2525.01	2568.18	1.46	ppb
Beryllium	9-1	509.18	518.47	509.58	512.41	1.02	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	439.82	496.32	528.47	488.20	9.19	ppb
Boron	11-1	456.10	501.37	534.86	497.44	7.95	ppb
Bromine	81-1						cps
Cadmium	111-1	520.69	527.44	514.55	520.89	1.24	ppb
Cadmium	106-1	543.52	544.39	519.47	535.79	2.64	ppb
Cadmium	108-1	511.07	505.62	510.01	508.90	0.57	ppb
Calcium	43-1	49301.33	49723.55	50026.26	49683.71	0.73	ppb
Calcium	44-1	49220.81	50903.36	51297.82	50474.00	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.48	497.15	491.09	496.91	1.15	ppb
Cobalt	59-2	503.87	502.26	500.63	502.25	0.32	ppb
Copper	63-2	5091.16	5078.59	5020.13	5063.29	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				105		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	25825.10	25281.44	25256.01	25454.18	1.26	ppb
Iron	56-2	26735.34	26152.08	26120.19	26335.87	1.32	ppb
Iron	57-2	24657.53	24736.99	24430.67	24608.40	0.65	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049BS	Instrumnet Name :	P8
Client Sample ID :	PB136049BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:09:40	DataFile Name :	032LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2672.57	2628.25	2654.41	2651.74	0.84	ppb
Lead	207-1	2632.21	2647.65	2603.86	2627.91	0.85	ppb
Lead	208-1	2615.43	2599.08	2610.89	2608.47	0.32	ppb
Lithium	6-1				98		%
Magnesium	24-2	52291.17	51495.14	51670.01	51818.77	0.81	ppb
Manganese	55-2	5164.03	5017.49	5073.27	5084.93	1.45	ppb
Molybdenum	94-1	2570.90	2644.46	2544.40	2586.59	2.00	ppb
Molybdenum	95-1	2563.45	2606.99	2573.03	2581.16	0.89	ppb
Molybdenum	96-1	2574.41	2663.38	2598.69	2612.16	1.76	ppb
Molybdenum	97-1	2535.34	2676.58	2636.96	2616.29	2.78	ppb
Molybdenum	98-1	2514.02	2628.70	2555.68	2566.13	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.59	503.31	496.88	501.93	0.90	ppb
Phosphorus	31-2	9749.88	9993.90	9607.68	9783.82	2.00	ppb
Potassium	39-2	25308.38	25367.27	25522.77	25399.47	0.44	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	515.43	522.76	514.10	517.43	0.90	ppb
Selenium	77-2	407.30	503.53	525.08	478.63	13.10	ppb
Selenium	78-2	532.51	514.43	493.83	513.59	3.77	ppb
Silicon	28-1	472.47	856.51	962.18	763.72	33.74	ppb
Silver	107-1	489.18	495.31	484.97	489.82	1.06	ppb
Silver	109-1	493.48	493.76	501.75	496.33	0.95	ppb
Sodium	23-2	50813.89	52383.40	50892.73	51363.34	1.72	ppb
Strontium	86-1	5161.72	5304.77	5139.16	5201.88	1.73	ppb
Strontium	88-1	5170.92	5247.31	5162.53	5193.58	0.90	ppb
Sulfur	34-1	-4249.67	713.18	-3489.02	-2341.84		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	525.75	525.12	528.07	526.31	0.29	ppb
Thallium	205-1	520.46	524.07	517.34	520.62	0.65	ppb
Tin	118-1	526.17	531.79	513.67	523.88	1.77	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049BS	Instrumnet Name :	P8
Client Sample ID :	PB136049BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:09:40	DataFile Name :	032LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2510.81	2554.12	2599.27	2554.73	1.73	ppb
Uranium	238-1	518.84	528.21	519.62	522.23	1.00	ppb
Vanadium	51-2	503.14	505.97	496.49	501.87	0.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	5044.16	5005.71	5016.53	5022.13	0.39	ppb
Zirconium	90-1	521.35	520.33	512.33	518.00	0.95	ppb
Zirconium	91-1	513.13	520.06	505.00	512.73	1.47	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:17:07	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7426.01	7127.31	7170.63	7241.32	2.23	ppb
Antimony	121-1	0.05	0.14	0.15	0.11	45.58	ppb
Arsenic	75-2	0.30	0.35	0.56	0.40	34.19	ppb
Barium	135-1	10.38	11.55	11.16	11.03	5.44	ppb
Barium	137-1	11.34	10.89	11.57	11.27	3.08	ppb
Beryllium	9-1	0.12	0.13	0.11	0.12	10.11	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	243.81	280.82	288.80	271.14	8.85	ppb
Boron	11-1	250.86	282.48	300.01	277.78	8.97	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	0.08	0.17	0.16	46.77	ppb
Cadmium	106-1	4.47	-0.91	4.34	2.63	116.67	ppb
Cadmium	108-1	-0.24	0.02	-0.10	-0.10		ppb
Calcium	43-1	30586.64	30243.27	30865.99	30565.30	1.02	ppb
Calcium	44-1	32233.77	32101.08	32619.60	32318.15	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	1.91	2.19	2.09	7.28	ppb
Cobalt	59-2	14.96	14.65	15.19	14.93	1.79	ppb
Copper	63-2	38.29	36.87	37.59	37.58	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	22485.27	22230.66	22577.33	22431.09	0.80	ppb
Iron	56-2	24172.84	23499.87	23678.61	23783.78	1.47	ppb
Iron	57-2	22167.37	21932.80	22233.42	22111.20	0.71	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:17:07	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.96	0.98	0.96	0.97	1.45	ppb
Lead	207-1	1.01	0.88	0.81	0.90	11.29	ppb
Lead	208-1	0.98	0.92	0.90	0.93	4.72	ppb
Lithium	6-1				98		%
Magnesium	24-2	6906.63	6680.82	6676.56	6754.67	1.95	ppb
Manganese	55-2	462.39	450.04	449.49	453.97	1.61	ppb
Molybdenum	94-1	0.17	0.19	0.11	0.16	25.14	ppb
Molybdenum	95-1	0.04	0.06	0.05	0.05	23.74	ppb
Molybdenum	96-1	0.13	0.13	0.08	0.11	25.06	ppb
Molybdenum	97-1	0.02	0.03	0.11	0.05	99.39	ppb
Molybdenum	98-1	0.05	0.03	0.05	0.04	26.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.22	9.04	8.93	9.06	1.63	ppb
Phosphorus	31-2	217.47	169.07	145.02	177.19	20.82	ppb
Potassium	39-2	404.24	369.68	368.52	380.82	5.33	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	-3.63	6.22	-3.47	-0.29		ppb
Selenium	77-2	9.30	9.28	9.31	9.30	0.17	ppb
Selenium	78-2	1.48	0.07	-0.18	0.46	196.43	ppb
Silicon	28-1	9057.03	8597.20	8793.77	8816.00	2.62	ppb
Silver	107-1	0.14	0.07	0.08	0.09	40.84	ppb
Silver	109-1	0.16	0.07	0.09	0.11	41.10	ppb
Sodium	23-2	7831.37	7601.89	7649.65	7694.30	1.57	ppb
Strontium	86-1	70.39	71.53	73.31	71.74	2.05	ppb
Strontium	88-1	72.54	71.49	74.14	72.72	1.83	ppb
Sulfur	34-1	142873.21	134863.04	137598.65	138444.97	2.94	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.21	0.20	0.18	23.29	ppb
Thallium	205-1	0.11	0.17	0.19	0.16	26.63	ppb
Tin	118-1	0.16	0.14	0.17	0.16	9.21	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:17:07	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.44	0.44	0.59	0.49	18.66	ppb
Uranium	238-1	0.63	0.64	0.64	0.64	0.30	ppb
Vanadium	51-2	36.63	35.21	35.74	35.86	2.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	83.64	86.15	84.37	84.72	1.53	ppb
Zirconium	90-1	0.10	0.08	0.13	0.10	26.03	ppb
Zirconium	91-1	0.12	0.18	0.09	0.13	36.27	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:20:06	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7260.79	7154.33	7165.57	7193.57	0.81	ppb
Antimony	121-1	0.09	0.13	0.21	0.14	40.98	ppb
Arsenic	75-2	0.39	0.42	0.49	0.43	11.15	ppb
Barium	135-1	10.88	12.68	11.63	11.73	7.73	ppb
Barium	137-1	11.59	11.18	12.04	11.60	3.68	ppb
Beryllium	9-1	0.03	0.10	0.03	0.05	71.13	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	268.15	305.96	332.84	302.32	10.75	ppb
Boron	11-1	283.02	311.03	347.16	313.73	10.25	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	0.24	0.10	0.18	41.91	ppb
Cadmium	106-1	4.84	5.39	1.48	3.90	54.19	ppb
Cadmium	108-1	0.15	-0.11	0.19	0.08	206.20	ppb
Calcium	43-1	30548.19	32518.21	33339.69	32135.36	4.46	ppb
Calcium	44-1	32561.55	33694.20	35114.08	33789.94	3.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	2.07	2.01	2.06	1.78	ppb
Cobalt	59-2	14.90	15.06	15.33	15.10	1.45	ppb
Copper	63-2	38.89	38.19	38.42	38.50	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	23064.51	22378.84	22705.01	22716.12	1.51	ppb
Iron	56-2	24007.92	23853.31	23754.42	23871.88	0.54	ppb
Iron	57-2	22468.21	22082.81	22549.79	22366.93	1.12	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:20:06	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.75	0.86	0.81	0.81	6.65	ppb
Lead	207-1	0.77	0.81	0.89	0.82	7.39	ppb
Lead	208-1	0.77	0.85	0.85	0.82	5.62	ppb
Lithium	6-1				100		%
Magnesium	24-2	6848.47	6772.89	6749.56	6790.31	0.76	ppb
Manganese	55-2	461.59	453.30	460.51	458.47	0.98	ppb
Molybdenum	94-1	0.05	0.25	0.14	0.14	69.65	ppb
Molybdenum	95-1	0.04	0.02	0.05	0.04	41.16	ppb
Molybdenum	96-1	0.07	0.09	0.06	0.07	24.99	ppb
Molybdenum	97-1	0.04	0.02	-0.01	0.02	160.63	ppb
Molybdenum	98-1	0.05	0.01	0.02	0.03	76.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.41	9.11	9.35	9.29	1.75	ppb
Phosphorus	31-2	37.61	142.60	103.30	94.51	56.13	ppb
Potassium	39-2	402.09	364.16	395.57	387.27	5.24	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	3.63	-4.53	-6.43	-2.44		ppb
Selenium	77-2	9.51	6.19	15.75	10.49	46.28	ppb
Selenium	78-2	2.82	1.19	2.19	2.07	39.64	ppb
Silicon	28-1	8667.98	9148.25	9786.93	9201.06	6.10	ppb
Silver	107-1	0.09	0.11	0.18	0.13	35.71	ppb
Silver	109-1	0.11	0.10	0.11	0.11	7.83	ppb
Sodium	23-2	7869.30	7809.36	7736.07	7804.91	0.85	ppb
Strontium	86-1	68.85	71.17	79.01	73.01	7.29	ppb
Strontium	88-1	71.13	73.90	78.99	74.67	5.34	ppb
Sulfur	34-1	134371.33	147772.89	159451.31	147198.51	8.53	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.18	0.27	0.29	0.25	23.15	ppb
Thallium	205-1	0.22	0.25	0.32	0.27	19.76	ppb
Tin	118-1	0.19	0.28	0.18	0.21	27.17	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:20:06	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.44	0.55	0.69	0.56	22.21	ppb
Uranium	238-1	0.57	0.57	0.68	0.61	10.18	ppb
Vanadium	51-2	36.52	36.13	36.98	36.54	1.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	84.14	84.66	84.04	84.28	0.39	ppb
Zirconium	90-1	0.08	0.15	0.10	0.11	35.48	ppb
Zirconium	91-1	0.05	0.08	0.09	0.07	34.68	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01LDLX50	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	50
Date & Time Acquired ::	2021-05-03 16:23:06	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1421.28	1379.46	1389.45	1396.73	1.56	ppb
Antimony	121-1	0.10	0.18	0.18	0.15	29.39	ppb
Arsenic	75-2	0.08	0.10	0.08	0.09	11.51	ppb
Barium	135-1	2.40	2.04	2.56	2.33	11.57	ppb
Barium	137-1	2.42	2.50	2.32	2.41	3.66	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	9.47	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	103.97	102.53	106.66	104.38	2.01	ppb
Boron	11-1	104.18	111.84	109.17	108.40	3.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	0.09	0.10	0.04	258.03	ppb
Cadmium	106-1	-2.59	1.10	4.56	1.02	349.76	ppb
Cadmium	108-1	0.55	0.19	-0.11	0.21	156.86	ppb
Calcium	43-1	6092.73	6531.00	6181.45	6268.39	3.70	ppb
Calcium	44-1	6043.99	6649.24	6298.88	6330.70	4.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.72	0.58	0.59	23.30	ppb
Cobalt	59-2	2.98	3.06	2.89	2.97	2.84	ppb
Copper	63-2	7.38	7.32	7.47	7.39	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	4539.03	4363.83	4428.59	4443.81	1.99	ppb
Iron	56-2	4832.57	4614.00	4736.68	4727.75	2.32	ppb
Iron	57-2	4426.64	4311.11	4338.83	4358.86	1.38	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01LDLX50	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	50
Date & Time Acquired ::	2021-05-03 16:23:06	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.33	0.39	0.50	0.41	21.15	ppb
Lead	207-1	0.40	0.36	0.35	0.37	6.00	ppb
Lead	208-1	0.36	0.36	0.40	0.37	5.83	ppb
Lithium	6-1				99		%
Magnesium	24-2	1365.69	1317.94	1342.77	1342.14	1.78	ppb
Manganese	55-2	91.06	89.46	89.57	90.03	0.99	ppb
Molybdenum	94-1	0.06	0.03	0.01	0.03	82.00	ppb
Molybdenum	95-1	0.04	0.01	0.02	0.02	66.79	ppb
Molybdenum	96-1	0.05	-0.03	0.07	0.03	180.77	ppb
Molybdenum	97-1	-0.01	0.06	0.07	0.04	110.20	ppb
Molybdenum	98-1	0.01	0.04	0.06	0.04	61.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.59	1.54	1.71	1.61	5.16	ppb
Phosphorus	31-2	78.33	-1.51	-31.68	15.05	377.77	ppb
Potassium	39-2	105.99	70.88	63.98	80.28	28.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.81	2.91	6.34	3.36	83.15	ppb
Selenium	77-2	0.00	0.00	3.04	1.01	173.21	ppb
Selenium	78-2	1.16	1.67	-0.86	0.66	202.49	ppb
Silicon	28-1	1609.51	2288.43	1679.17	1859.03	20.09	ppb
Silver	107-1	0.02	0.08	0.03	0.05	70.48	ppb
Silver	109-1	0.09	0.05	0.05	0.06	33.84	ppb
Sodium	23-2	1640.93	1536.68	1548.50	1575.37	3.62	ppb
Strontium	86-1	14.84	15.56	15.12	15.17	2.38	ppb
Strontium	88-1	14.65	15.49	14.86	15.00	2.91	ppb
Sulfur	34-1	-7363.52	5621.66	-4427.91	-2056.59		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.23	0.17	0.19	0.20	16.59	ppb
Thallium	205-1	0.20	0.17	0.14	0.17	18.95	ppb
Tin	118-1	0.01	-0.01	0.02	0.00	261.00	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01LDLX50	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	50
Date & Time Acquired ::	2021-05-03 16:23:06	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.25	0.04	0.13	82.04	ppb
Uranium	238-1	0.11	0.13	0.11	0.12	11.99	ppb
Vanadium	51-2	7.51	7.12	6.67	7.10	5.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	19.68	19.61	19.28	19.52	1.09	ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	118.87	ppb
Zirconium	91-1	0.01	0.04	0.09	0.05	79.79	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01MSDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:26:07	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7691.87	7007.90	8232.49	7644.09	8.03	ppb
Antimony	121-1	45.80	45.15	43.97	44.97	2.07	ppb
Arsenic	75-2	50.28	45.58	53.15	49.67	7.70	ppb
Barium	135-1	270.03	259.02	260.96	263.33	2.23	ppb
Barium	137-1	267.58	256.25	257.43	260.42	2.39	ppb
Beryllium	9-1	46.07	46.16	44.48	45.57	2.08	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	286.04	327.46	329.57	314.36	7.81	ppb
Boron	11-1	300.28	331.68	339.78	323.91	6.44	ppb
Bromine	81-1						cps
Cadmium	111-1	50.28	50.02	50.79	50.36	0.78	ppb
Cadmium	106-1	47.04	51.54	57.68	52.08	10.26	ppb
Cadmium	108-1	46.24	48.02	50.06	48.11	3.98	ppb
Calcium	43-1	34165.60	34512.49	34736.86	34471.65	0.83	ppb
Calcium	44-1	35973.54	35860.05	37231.84	36355.14	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.91	47.28	53.57	50.59	6.25	ppb
Cobalt	59-2	65.11	59.40	68.61	64.37	7.23	ppb
Copper	63-2	579.11	525.97	616.67	573.92	7.94	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				106		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	24053.11	22000.39	25642.26	23898.59	7.64	ppb
Iron	56-2	25055.93	22867.16	26760.39	24894.49	7.84	ppb
Iron	57-2	23284.50	21166.04	24837.93	23096.16	7.98	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01MSDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:26:07	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	232.91	234.87	227.64	231.81	1.62	ppb
Lead	207-1	238.36	244.21	233.21	238.60	2.31	ppb
Lead	208-1	234.36	237.08	231.67	234.37	1.16	ppb
Lithium	6-1				103		%
Magnesium	24-2	11382.59	10527.32	12156.86	11355.59	7.18	ppb
Manganese	55-2	949.52	874.62	1012.71	945.62	7.31	ppb
Molybdenum	94-1	243.34	237.30	246.43	242.36	1.92	ppb
Molybdenum	95-1	242.54	233.37	247.25	241.06	2.93	ppb
Molybdenum	96-1	243.92	233.79	249.12	242.28	3.22	ppb
Molybdenum	97-1	244.21	239.10	252.54	245.28	2.77	ppb
Molybdenum	98-1	241.99	236.31	247.32	241.87	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.20	53.38	62.50	58.03	7.87	ppb
Phosphorus	31-2	93.65	189.82	218.28	167.25	39.05	ppb
Potassium	39-2	2900.76	2534.11	3056.44	2830.43	9.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	48.52	46.58	51.94	49.01	5.53	ppb
Selenium	77-2	47.62	39.98	66.31	51.30	26.41	ppb
Selenium	78-2	49.06	44.23	46.19	46.49	5.23	ppb
Silicon	28-1	8288.79	8043.69	8682.55	8338.34	3.87	ppb
Silver	107-1	47.94	46.26	47.62	47.27	1.88	ppb
Silver	109-1	47.86	47.38	48.83	48.02	1.54	ppb
Sodium	23-2	12350.46	11667.16	13443.33	12486.98	7.17	ppb
Strontium	86-1	544.70	534.95	554.42	544.69	1.79	ppb
Strontium	88-1	579.84	565.47	593.88	579.73	2.45	ppb
Sulfur	34-1	129726.40	127586.67	129935.09	129082.72	1.01	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	49.55	51.53	49.42	50.17	2.36	ppb
Thallium	205-1	46.96	47.88	46.73	47.19	1.30	ppb
Tin	118-1	52.51	51.97	53.20	52.56	1.18	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01MSDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:26:07	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	254.92	254.48	261.84	257.08	1.61	ppb
Uranium	238-1	46.42	47.62	46.32	46.79	1.55	ppb
Vanadium	51-2	84.65	77.05	89.67	83.79	7.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	625.36	577.92	670.35	624.54	7.40	ppb
Zirconium	90-1	47.58	46.66	47.27	47.17	1.00	ppb
Zirconium	91-1	48.82	47.15	48.12	48.03	1.75	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01ADLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:32:05	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7598.58	7617.98	7496.92	7571.16	0.86	ppb
Antimony	121-1	43.22	44.04	44.10	43.79	1.12	ppb
Arsenic	75-2	48.73	49.66	49.53	49.30	1.02	ppb
Barium	135-1	255.97	264.22	261.25	260.48	1.60	ppb
Barium	137-1	249.55	259.09	256.37	255.01	1.93	ppb
Beryllium	9-1	43.28	43.28	42.94	43.16	0.46	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	305.14	330.36	358.80	331.43	8.10	ppb
Boron	11-1	315.84	350.74	367.04	344.54	7.59	ppb
Bromine	81-1						cps
Cadmium	111-1	47.76	49.02	49.97	48.91	2.26	ppb
Cadmium	106-1	50.48	51.85	59.53	53.95	9.04	ppb
Cadmium	108-1	49.06	51.84	52.51	51.14	3.57	ppb
Calcium	43-1	34438.64	33994.61	34208.19	34213.81	0.65	ppb
Calcium	44-1	35351.67	34931.30	35547.26	35276.75	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.40	52.26	49.83	50.83	2.50	ppb
Cobalt	59-2	64.30	63.87	63.88	64.02	0.39	ppb
Copper	63-2	574.92	584.59	578.72	579.41	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	24009.20	24024.02	23657.46	23896.89	0.87	ppb
Iron	56-2	25105.19	25134.92	24849.39	25029.83	0.63	ppb
Iron	57-2	23145.39	23528.49	23145.33	23273.07	0.95	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01ADLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:32:05	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	226.01	235.25	230.01	230.42	2.01	ppb
Lead	207-1	231.66	239.97	235.32	235.65	1.77	ppb
Lead	208-1	229.12	235.73	234.01	232.95	1.47	ppb
Lithium	6-1				107		%
Magnesium	24-2	11198.95	11468.05	11275.92	11314.31	1.22	ppb
Manganese	55-2	946.09	955.35	945.13	948.86	0.59	ppb
Molybdenum	94-1	235.41	241.41	243.69	240.17	1.78	ppb
Molybdenum	95-1	238.31	235.89	241.60	238.60	1.20	ppb
Molybdenum	96-1	229.37	237.13	245.10	237.20	3.32	ppb
Molybdenum	97-1	240.51	241.24	246.35	242.70	1.31	ppb
Molybdenum	98-1	232.66	239.49	240.09	237.41	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.73	58.68	58.58	58.66	0.13	ppb
Phosphorus	31-2	211.51	153.50	248.20	204.40	23.36	ppb
Potassium	39-2	2796.88	2837.83	2768.64	2801.12	1.24	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	45.88	43.20	48.74	45.94	6.04	ppb
Selenium	77-2	57.09	25.49	47.47	43.35	37.37	ppb
Selenium	78-2	49.87	48.38	44.87	47.71	5.38	ppb
Silicon	28-1	8289.11	7586.47	7838.35	7904.64	4.50	ppb
Silver	107-1	45.49	47.18	47.60	46.76	2.39	ppb
Silver	109-1	46.38	47.47	47.69	47.18	1.48	ppb
Sodium	23-2	12476.24	12727.22	12432.38	12545.28	1.27	ppb
Strontium	86-1	532.12	546.66	555.40	544.73	2.16	ppb
Strontium	88-1	559.24	562.10	585.66	569.00	2.55	ppb
Sulfur	34-1	127914.24	121171.38	129125.52	126070.38	3.40	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	49.24	50.08	50.84	50.05	1.61	ppb
Thallium	205-1	46.16	48.16	47.11	47.14	2.12	ppb
Tin	118-1	50.41	52.62	51.87	51.63	2.18	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01ADLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:32:05	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	259.86	256.12	252.68	256.22	1.40	ppb
Uranium	238-1	45.53	48.21	46.38	46.71	2.93	ppb
Vanadium	51-2	82.91	83.60	85.06	83.86	1.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	620.11	633.04	631.71	628.29	1.13	ppb
Zirconium	90-1	46.14	46.99	46.26	46.46	1.00	ppb
Zirconium	91-1	48.86	48.90	50.58	49.45	1.99	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01MSDDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:35:05	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7689.04	7751.51	7509.81	7650.12	1.64	ppb
Antimony	121-1	44.40	44.43	42.60	43.81	2.40	ppb
Arsenic	75-2	49.54	51.64	48.40	49.86	3.29	ppb
Barium	135-1	262.08	266.44	257.80	262.11	1.65	ppb
Barium	137-1	258.44	260.93	258.68	259.35	0.53	ppb
Beryllium	9-1	43.55	43.49	43.18	43.40	0.46	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	314.57	335.09	358.41	336.02	6.53	ppb
Boron	11-1	321.45	346.81	366.88	345.05	6.60	ppb
Bromine	81-1						cps
Cadmium	111-1	49.69	49.22	49.47	49.46	0.48	ppb
Cadmium	106-1	59.08	52.70	50.74	54.17	8.05	ppb
Cadmium	108-1	51.27	43.06	51.76	48.70	10.03	ppb
Calcium	43-1	33289.98	34966.83	34816.73	34357.85	2.70	ppb
Calcium	44-1	34791.65	36504.71	36287.29	35861.22	2.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.28	54.09	50.24	51.87	3.85	ppb
Cobalt	59-2	63.90	65.98	63.34	64.40	2.16	ppb
Copper	63-2	586.32	594.39	576.74	585.82	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	54-2	24232.08	24338.36	23738.22	24102.88	1.33	ppb
Iron	56-2	24788.74	25717.78	24782.94	25096.49	2.14	ppb
Iron	57-2	23858.96	23968.60	23340.45	23722.67	1.41	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01MSDDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:35:05	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	226.66	237.72	237.67	234.02	2.72	ppb
Lead	207-1	234.60	239.50	239.09	237.73	1.14	ppb
Lead	208-1	231.48	236.50	237.35	235.11	1.35	ppb
Lithium	6-1				109		%
Magnesium	24-2	11478.12	11632.78	11243.33	11451.41	1.71	ppb
Manganese	55-2	946.83	967.61	941.05	951.83	1.47	ppb
Molybdenum	94-1	239.24	241.60	240.29	240.37	0.49	ppb
Molybdenum	95-1	238.78	243.99	240.16	240.97	1.12	ppb
Molybdenum	96-1	240.75	240.33	236.03	239.04	1.09	ppb
Molybdenum	97-1	246.22	241.34	244.23	243.93	1.01	ppb
Molybdenum	98-1	238.15	243.26	244.08	241.83	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.29	58.49	55.58	57.45	2.83	ppb
Phosphorus	31-2	42.74	90.68	162.30	98.57	61.04	ppb
Potassium	39-2	2787.52	2829.47	2768.63	2795.21	1.11	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	43.37	47.57	50.49	47.14	7.59	ppb
Selenium	77-2	71.32	41.37	57.86	56.85	26.38	ppb
Selenium	78-2	40.47	52.94	46.56	46.66	13.36	ppb
Silicon	28-1	7517.54	7698.48	7599.73	7605.25	1.19	ppb
Silver	107-1	46.40	46.83	46.82	46.68	0.53	ppb
Silver	109-1	46.61	46.79	46.86	46.75	0.28	ppb
Sodium	23-2	12467.79	12725.66	12222.61	12472.02	2.02	ppb
Strontium	86-1	547.76	547.52	551.94	549.07	0.45	ppb
Strontium	88-1	575.53	578.56	586.89	580.33	1.01	ppb
Sulfur	34-1	120946.83	124849.44	121496.55	122430.94	1.73	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	50.01	50.36	50.96	50.44	0.95	ppb
Thallium	205-1	46.41	48.45	47.89	47.58	2.22	ppb
Tin	118-1	51.18	53.03	52.22	52.14	1.77	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01MSDDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:35:05	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	249.40	250.46	251.15	250.33	0.35	ppb
Uranium	238-1	46.30	48.00	47.61	47.30	1.88	ppb
Vanadium	51-2	84.10	86.21	81.83	84.05	2.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	636.89	649.43	624.83	637.05	1.93	ppb
Zirconium	90-1	46.43	45.99	47.46	46.63	1.61	ppb
Zirconium	91-1	48.73	50.18	49.29	49.40	1.49	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-02DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:38:03	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6042.62	5992.59	5485.21	5840.14	5.28	ppb
Antimony	121-1	0.15	0.19	0.28	0.21	31.87	ppb
Arsenic	75-2	0.44	0.49	0.42	0.45	8.11	ppb
Barium	135-1	12.96	11.01	11.87	11.95	8.19	ppb
Barium	137-1	12.31	12.04	11.50	11.95	3.43	ppb
Beryllium	9-1	0.07	0.10	0.10	0.09	16.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	270.76	279.53	280.41	276.90	1.93	ppb
Boron	11-1	286.98	288.76	289.20	288.32	0.41	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.11	0.12	0.13	22.29	ppb
Cadmium	106-1	2.50	-1.60	0.94	0.61	336.31	ppb
Cadmium	108-1	-0.10	0.27	0.14	0.11	177.01	ppb
Calcium	43-1	35780.08	34073.08	32620.06	34157.74	4.63	ppb
Calcium	44-1	37932.65	35541.13	33803.34	35759.04	5.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.24	2.05	1.54	1.94	18.65	ppb
Cobalt	59-2	14.95	14.48	13.43	14.29	5.42	ppb
Copper	63-2	39.83	39.24	35.95	38.34	5.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	20667.70	20744.36	19039.09	20150.38	4.78	ppb
Iron	56-2	21985.50	21635.12	19579.78	21066.80	6.17	ppb
Iron	57-2	20561.85	20199.06	18706.04	19822.32	4.96	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-02DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:38:03	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.65	0.63	0.65	0.64	1.39	ppb
Lead	207-1	0.70	0.64	0.63	0.66	6.30	ppb
Lead	208-1	0.69	0.62	0.67	0.66	5.50	ppb
Lithium	6-1				105		%
Magnesium	24-2	5795.71	5823.00	5311.01	5643.24	5.10	ppb
Manganese	55-2	476.89	477.98	432.29	462.38	5.64	ppb
Molybdenum	94-1	0.31	0.15	0.23	0.23	33.24	ppb
Molybdenum	95-1	0.06	0.01	0.01	0.03	91.09	ppb
Molybdenum	96-1	0.16	0.12	0.14	0.14	13.14	ppb
Molybdenum	97-1	0.02	0.08	0.03	0.04	78.01	ppb
Molybdenum	98-1	0.06	0.06	0.08	0.06	17.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.56	8.05	8.01	8.21	3.77	ppb
Phosphorus	31-2	172.72	91.98	23.28	96.00	77.92	ppb
Potassium	39-2	310.79	262.41	217.80	263.67	17.64	ppb
Rhodium	103-1				101		%
Rhodium	103-2				108		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	-1.67	3.16	-2.56	-0.36		ppb
Selenium	77-2	3.30	3.17	8.74	5.07	62.75	ppb
Selenium	78-2	0.22	0.53	3.90	1.55	131.65	ppb
Silicon	28-1	8861.71	8493.10	7902.16	8418.99	5.75	ppb
Silver	107-1	0.14	0.12	0.10	0.12	17.45	ppb
Silver	109-1	0.12	0.14	0.11	0.12	13.11	ppb
Sodium	23-2	8237.53	8159.93	7551.16	7982.87	4.71	ppb
Strontium	86-1	86.85	80.39	76.53	81.26	6.42	ppb
Strontium	88-1	85.35	80.65	79.08	81.70	3.99	ppb
Sulfur	34-1	154705.66	143522.20	126811.57	141679.81	9.91	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.11	0.13	0.21	0.15	34.62	ppb
Thallium	205-1	0.14	0.14	0.13	0.14	4.63	ppb
Tin	118-1	0.27	0.26	0.25	0.26	4.95	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-02DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:38:03	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.92	0.33	0.29	0.51	68.43	ppb
Uranium	238-1	0.74	0.60	0.60	0.65	12.66	ppb
Vanadium	51-2	32.96	32.42	29.82	31.73	5.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	81.41	77.70	73.04	77.38	5.42	ppb
Zirconium	90-1	0.15	0.14	0.15	0.15	4.77	ppb
Zirconium	91-1	0.30	0.17	0.06	0.18	67.82	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:44:09	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46803.56	46267.77	46476.46	46515.93	0.58	ppb
Antimony	121-1	491.55	484.17	478.12	484.61	1.39	ppb
Arsenic	75-2	502.35	497.96	498.87	499.73	0.46	ppb
Barium	135-1	2465.25	2434.74	2424.99	2441.66	0.86	ppb
Barium	137-1	2544.22	2543.30	2521.16	2536.22	0.51	ppb
Beryllium	9-1	485.94	487.18	491.77	488.30	0.63	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	500.81	542.77	576.80	540.13	7.05	ppb
Boron	11-1	526.85	563.79	591.58	560.74	5.79	ppb
Bromine	81-1						cps
Cadmium	111-1	494.79	501.39	502.53	499.57	0.84	ppb
Cadmium	106-1	493.23	497.13	478.17	489.51	2.05	ppb
Cadmium	108-1	490.43	481.94	490.79	487.72	1.03	ppb
Calcium	43-1	243360.74	248230.25	245535.76	245708.92	0.99	ppb
Calcium	44-1	236494.34	244166.21	246805.32	242488.62	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.87	505.13	517.87	510.96	1.26	ppb
Cobalt	59-2	503.53	496.18	509.95	503.22	1.37	ppb
Copper	63-2	5081.60	5037.79	5188.73	5102.70	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	128790.64	127323.07	129396.22	128503.31	0.83	ppb
Iron	56-2	130512.46	125679.16	126235.88	127475.83	2.07	ppb
Iron	57-2	126373.22	124717.27	128375.47	126488.65	1.45	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:44:09	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2624.15	2631.48	2607.97	2621.20	0.46	ppb
Lead	207-1	2614.99	2702.79	2631.76	2649.85	1.76	ppb
Lead	208-1	2589.11	2627.98	2633.28	2616.79	0.92	ppb
Lithium	6-1				103		%
Magnesium	24-2	255142.82	252918.26	260186.05	256082.37	1.45	ppb
Manganese	55-2	5013.64	4964.57	5103.52	5027.24	1.40	ppb
Molybdenum	94-1	2544.48	2566.02	2610.72	2573.74	1.31	ppb
Molybdenum	95-1	2547.16	2587.90	2538.91	2557.99	1.03	ppb
Molybdenum	96-1	2540.03	2584.70	2590.95	2571.90	1.08	ppb
Molybdenum	97-1	2581.04	2591.38	2605.76	2592.73	0.48	ppb
Molybdenum	98-1	2516.14	2598.01	2528.35	2547.50	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.25	496.76	512.02	505.67	1.57	ppb
Phosphorus	31-2	9269.83	9933.80	9499.34	9567.66	3.52	ppb
Potassium	39-2	127983.71	124251.54	126968.59	126401.28	1.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	491.19	513.69	501.30	502.06	2.24	ppb
Selenium	77-2	503.85	404.24	497.98	468.69	11.93	ppb
Selenium	78-2	489.24	470.62	472.21	477.36	2.16	ppb
Silicon	28-1	485.96	1048.23	914.12	816.10	35.98	ppb
Silver	107-1	472.54	475.84	467.05	471.81	0.94	ppb
Silver	109-1	477.25	479.17	467.58	474.67	1.31	ppb
Sodium	23-2	261659.95	256879.55	262448.39	260329.30	1.16	ppb
Strontium	86-1	5123.13	5103.55	5169.44	5132.04	0.66	ppb
Strontium	88-1	5062.22	5117.19	5084.14	5087.85	0.54	ppb
Sulfur	34-1	-6820.91	-894.42	-1685.33	-3133.55		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	523.43	514.53	518.62	518.86	0.86	ppb
Thallium	205-1	518.34	508.58	516.40	514.44	1.00	ppb
Tin	118-1	513.42	505.60	502.81	507.27	1.08	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:44:09	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2505.41	2575.12	2543.40	2541.31	1.37	ppb
Uranium	238-1	524.10	527.23	535.78	529.04	1.14	ppb
Vanadium	51-2	512.90	508.15	508.44	509.83	0.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	4983.71	4953.56	5053.84	4997.04	1.03	ppb
Zirconium	90-1	499.91	522.88	510.51	511.10	2.25	ppb
Zirconium	91-1	493.44	509.63	510.97	504.68	1.93	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:53:22	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.97	1.07	-0.69	-0.19		ppb
Antimony	121-1	0.05	0.05	0.04	0.05	18.92	ppb
Arsenic	75-2	0.02	-0.02	0.02	0.01	221.00	ppb
Barium	135-1	-0.03	-0.05	0.03	-0.02		ppb
Barium	137-1	0.04	0.02	0.00	0.02	97.18	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	28.99	26.21	25.91	27.03	6.28	ppb
Boron	11-1	27.74	26.68	26.85	27.09	2.11	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.03	0.04	-0.02		ppb
Cadmium	106-1	-2.84	-2.45	0.68	-1.54		ppb
Cadmium	108-1	0.42	0.16	-0.24	0.11	292.79	ppb
Calcium	43-1	-8.67	0.32	-10.17	-6.17		ppb
Calcium	44-1	-72.50	-55.02	-86.97	-71.50		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.14	0.01	0.06	102.79	ppb
Cobalt	59-2	-0.03	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.06	0.00	-0.01	0.02	212.33	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				104		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	-0.20	5.22	4.34	3.12	93.30	ppb
Iron	56-2	0.77	0.39	0.55	0.57	33.13	ppb
Iron	57-2	-0.19	1.23	1.00	0.68	111.64	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:53:22	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.24	0.25	0.21	28.70	ppb
Lead	207-1	0.22	0.17	0.27	0.22	22.89	ppb
Lead	208-1	0.20	0.19	0.25	0.22	13.76	ppb
Lithium	6-1				95		%
Magnesium	24-2	-1.07	1.79	0.56	0.43	335.37	ppb
Manganese	55-2	-0.03	-0.06	0.00	-0.03		ppb
Molybdenum	94-1	-0.01	-0.01	0.05	0.01	345.07	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	34.01	ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	59.10	ppb
Molybdenum	97-1	0.03	0.03	-0.01	0.02	140.62	ppb
Molybdenum	98-1	0.04	0.02	0.04	0.03	33.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.15	-0.08	-0.14		ppb
Phosphorus	31-2	-128.77	-70.00	-82.20	-93.66		ppb
Potassium	39-2	-55.73	25.92	-26.92	-18.91		ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	-4.77	-0.20	0.66	-1.44		ppb
Selenium	77-2	0.00	3.18	0.00	1.06	173.21	ppb
Selenium	78-2	-1.26	-0.89	1.48	-0.23		ppb
Silicon	28-1	-252.95	-173.49	-351.37	-259.27		ppb
Silver	107-1	0.01	0.01	0.03	0.02	69.56	ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.77	ppb
Sodium	23-2	13.51	49.76	38.47	33.91	54.69	ppb
Strontium	86-1	-0.60	-0.62	-0.03	-0.42		ppb
Strontium	88-1	0.04	0.01	0.05	0.03	54.16	ppb
Sulfur	34-1	-31116.70	-30576.36	-35242.57	-32311.88		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.00	0.02	0.02	91.86	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	311.43	ppb
Tin	118-1	-0.05	-0.12	-0.09	-0.09		ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:53:22	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.11	0.47	0.12	246.93	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	220.61	ppb
Vanadium	51-2	0.00	0.00	-0.02	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	-0.14	-0.33	-0.47	-0.31		ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	114.39	ppb
Zirconium	91-1	0.01	0.01	0.05	0.03	84.10	ppb

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : PB136049TB Instrumnet Name : P8
 Client Sample ID : PB136049TB Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 17:00:11 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	-0.49	0.23	0.11	509.22	ppb
Antimony	121-1	0.00	0.00	0.03	0.01	122.55	ppb
Arsenic	75-2	0.12	-0.03	0.01	0.03	230.60	ppb
Barium	135-1	-0.05	0.01	-0.03	-0.02		ppb
Barium	137-1	0.01	-0.01	-0.01	0.00		ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	1380.83	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	16.75	15.09	14.17	15.34	8.54	ppb
Boron	11-1	16.08	17.41	15.84	16.44	5.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.04	0.04	0.04	12.05	ppb
Cadmium	106-1	0.51	1.22	-0.82	0.30	339.90	ppb
Cadmium	108-1	-0.12	-0.12	-0.24	-0.16		ppb
Calcium	43-1	-5.13	-8.85	-0.77	-4.91		ppb
Calcium	44-1	-92.55	-111.85	-75.37	-93.25		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.14	0.11	0.16	37.36	ppb
Cobalt	59-2	0.00	-0.03	0.00	-0.01		ppb
Copper	63-2	-0.02	0.02	0.04	0.02	178.78	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				102		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	-2.06	1.56	5.51	1.67	227.00	ppb
Iron	56-2	0.85	0.20	0.46	0.50	65.12	ppb
Iron	57-2	-2.49	1.15	0.25	-0.36		ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049TB	Instrumnet Name :	P8
Client Sample ID :	PB136049TB	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:00:11	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.12	0.08	40.50	ppb
Lead	207-1	0.02	0.13	0.05	0.07	87.85	ppb
Lead	208-1	0.06	0.10	0.07	0.08	26.23	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.82	-0.91	-1.50	-1.07		ppb
Manganese	55-2	-0.07	0.08	0.07	0.03	310.17	ppb
Molybdenum	94-1	0.04	0.03	-0.01	0.02	145.76	ppb
Molybdenum	95-1	0.00	-0.04	-0.04	-0.02		ppb
Molybdenum	96-1	-0.02	0.05	0.02	0.02	200.92	ppb
Molybdenum	97-1	0.00	0.03	-0.01	0.01	297.69	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	34.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.14	-0.24	-0.16		ppb
Phosphorus	31-2	-32.63	-53.08	-106.98	-64.23		ppb
Potassium	39-2	-15.98	-24.81	-26.90	-22.56		ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	-0.47	-0.08	0.97	0.14	536.80	ppb
Selenium	77-2	0.00	3.15	0.00	1.05	173.21	ppb
Selenium	78-2	1.31	0.49	-0.11	0.56	125.93	ppb
Silicon	28-1	-478.57	-784.55	-312.47	-525.20		ppb
Silver	107-1	0.01	0.00	0.00	0.00	246.09	ppb
Silver	109-1	0.03	0.03	0.02	0.03	14.42	ppb
Sodium	23-2	52.01	42.67	36.19	43.62	18.23	ppb
Strontium	86-1	-0.28	-0.57	-0.50	-0.45		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-31627.99	-38595.48	-28779.94	-33001.13		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	-0.02	-0.04	-0.01	-0.02		ppb
Thallium	205-1	0.00	0.00	-0.02	-0.01		ppb
Tin	118-1	-0.09	-0.15	-0.09	-0.11		ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049TB	Instrumnet Name :	P8
Client Sample ID :	PB136049TB	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:00:11	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.17	-0.08	0.03	416.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	-0.02	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	-0.75	-0.37	-0.28	-0.47		ppb
Zirconium	90-1	0.03	0.01	0.03	0.03	44.81	ppb
Zirconium	91-1	-0.01	0.00	-0.02	-0.01		ppb

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : M2175-03DLX10 Instrumnet Name : P8
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 10
 Date & Time Acquired :: 2021-05-03 17:03:51 DataFile Name : 045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3869.07	3881.46	3851.26	3867.26	0.39	ppb
Antimony	121-1	0.02	0.08	0.04	0.04	71.33	ppb
Arsenic	75-2	0.32	0.38	0.48	0.39	20.97	ppb
Barium	135-1	10.66	10.77	11.06	10.83	1.92	ppb
Barium	137-1	10.92	11.20	11.17	11.10	1.37	ppb
Beryllium	9-1	0.05	0.08	0.04	0.06	39.77	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	175.11	194.59	212.75	194.15	9.70	ppb
Boron	11-1	183.75	201.93	216.91	200.86	8.27	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.03	0.12	0.09	62.82	ppb
Cadmium	106-1	0.65	-0.26	0.98	0.46	140.75	ppb
Cadmium	108-1	-0.12	0.24	0.12	0.08	234.33	ppb
Calcium	43-1	28728.30	28589.52	28341.82	28553.22	0.69	ppb
Calcium	44-1	30214.74	29918.42	30280.67	30137.94	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.46	1.27	1.35	1.36	7.06	ppb
Cobalt	59-2	11.94	11.87	11.66	11.82	1.25	ppb
Copper	63-2	33.27	33.45	33.60	33.44	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				112		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	54-2	14576.68	14523.04	14552.80	14550.84	0.18	ppb
Iron	56-2	15633.39	15405.06	15167.49	15401.98	1.51	ppb
Iron	57-2	14428.13	14286.35	14314.20	14342.89	0.52	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-03DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 17:03:51	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.43	0.41	0.38	0.41	6.45	ppb
Lead	207-1	0.43	0.38	0.36	0.39	9.80	ppb
Lead	208-1	0.41	0.41	0.36	0.39	7.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	3739.57	3678.77	3727.82	3715.39	0.87	ppb
Manganese	55-2	400.02	402.57	404.84	402.48	0.60	ppb
Molybdenum	94-1	0.20	0.15	0.15	0.16	17.35	ppb
Molybdenum	95-1	0.03	0.02	0.00	0.02	74.69	ppb
Molybdenum	96-1	0.03	0.04	0.04	0.03	6.73	ppb
Molybdenum	97-1	0.03	0.01	0.00	0.01	93.81	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.01	36.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.53	5.84	5.90	6.09	6.31	ppb
Phosphorus	31-2	96.09	234.74	91.50	140.78	57.83	ppb
Potassium	39-2	247.40	262.65	252.91	254.32	3.04	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	1.43	-0.52	3.71	1.54	137.60	ppb
Selenium	77-2	6.31	9.51	3.04	6.29	51.41	ppb
Selenium	78-2	1.06	2.53	2.45	2.01	41.07	ppb
Silicon	28-1	5946.33	5681.45	5801.61	5809.80	2.28	ppb
Silver	107-1	0.02	0.04	0.05	0.04	31.69	ppb
Silver	109-1	0.03	0.02	0.02	0.03	8.42	ppb
Sodium	23-2	7436.87	7421.54	7451.19	7436.53	0.20	ppb
Strontium	86-1	69.46	66.97	67.91	68.11	1.85	ppb
Strontium	88-1	70.77	69.03	68.20	69.33	1.89	ppb
Sulfur	34-1	100510.34	93799.46	91821.11	95376.97	4.78	ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	-0.04	-0.07	-0.01	-0.04		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.25	0.16	0.23	0.21	22.97	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-03DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 17:03:51	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.39	0.60	0.31	0.43	33.50	ppb
Uranium	238-1	0.51	0.51	0.49	0.50	2.70	ppb
Vanadium	51-2	17.86	19.09	18.43	18.46	3.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	71.92	70.71	71.26	71.30	0.84	ppb
Zirconium	90-1	0.13	0.10	0.12	0.12	13.14	ppb
Zirconium	91-1	0.12	0.15	0.16	0.14	16.34	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:15:48	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47030.35	45996.54	46206.14	46411.01	1.18	ppb
Antimony	121-1	477.30	482.53	437.56	465.80	5.28	ppb
Arsenic	75-2	506.29	496.96	492.02	498.42	1.45	ppb
Barium	135-1	2389.50	2419.96	2193.90	2334.45	5.25	ppb
Barium	137-1	2518.03	2520.71	2286.61	2441.78	5.50	ppb
Beryllium	9-1	500.56	510.75	465.90	492.40	4.78	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	518.26	561.13	546.57	541.99	4.02	ppb
Boron	11-1	532.57	576.84	550.17	553.19	4.03	ppb
Bromine	81-1						cps
Cadmium	111-1	481.92	497.63	447.11	475.55	5.44	ppb
Cadmium	106-1	489.73	487.36	448.52	475.20	4.87	ppb
Cadmium	108-1	489.31	491.02	443.91	474.75	5.63	ppb
Calcium	43-1	239510.33	241919.90	223861.19	235097.14	4.17	ppb
Calcium	44-1	237089.75	242516.57	215698.83	231768.38	6.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.89	498.62	496.04	499.52	0.80	ppb
Cobalt	59-2	504.53	493.96	491.43	496.64	1.40	ppb
Copper	63-2	5057.93	4801.30	4880.30	4913.18	2.68	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				104		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	54-2	131997.27	127554.76	128243.77	129265.27	1.85	ppb
Iron	56-2	130376.72	123410.90	124709.07	126165.56	2.94	ppb
Iron	57-2	131182.05	122062.27	125713.89	126319.40	3.63	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:15:48	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2610.72	2613.13	2362.60	2528.82	5.69	ppb
Lead	207-1	2562.71	2647.81	2387.89	2532.80	5.23	ppb
Lead	208-1	2564.58	2612.12	2358.57	2511.75	5.37	ppb
Lithium	6-1				98		%
Magnesium	24-2	256256.85	252730.13	256289.82	255092.27	0.80	ppb
Manganese	55-2	5041.82	4945.13	4886.82	4957.92	1.58	ppb
Molybdenum	94-1	2510.58	2549.91	2359.64	2473.38	4.06	ppb
Molybdenum	95-1	2481.50	2603.36	2322.29	2469.05	5.71	ppb
Molybdenum	96-1	2472.25	2573.49	2312.96	2452.90	5.35	ppb
Molybdenum	97-1	2447.17	2599.24	2393.49	2479.97	4.30	ppb
Molybdenum	98-1	2417.96	2573.66	2308.65	2433.42	5.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.93	495.77	489.69	494.46	0.86	ppb
Phosphorus	31-2	10652.02	9285.66	9337.39	9758.36	7.94	ppb
Potassium	39-2	127845.54	122148.79	124630.94	124875.09	2.29	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	82-1	484.79	516.51	458.97	486.75	5.92	ppb
Selenium	77-2	473.27	442.96	510.63	475.62	7.13	ppb
Selenium	78-2	479.14	496.27	466.85	480.75	3.07	ppb
Silicon	28-1	597.43	654.51	-268.09	327.95	157.64	ppb
Silver	107-1	507.52	511.88	466.28	495.23	5.08	ppb
Silver	109-1	515.71	521.87	472.82	503.47	5.31	ppb
Sodium	23-2	260505.23	253673.63	251885.21	255354.69	1.78	ppb
Strontium	86-1	5078.10	5218.91	4716.36	5004.45	5.18	ppb
Strontium	88-1	4945.44	5149.60	4622.68	4905.91	5.42	ppb
Sulfur	34-1	-5108.52	-7832.50	-24916.74	-12619.25		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	503.09	522.31	473.23	499.55	4.95	ppb
Thallium	205-1	514.91	520.00	469.18	501.36	5.58	ppb
Tin	118-1	495.01	496.13	456.45	482.53	4.68	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:15:48	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2421.82	2511.35	2254.98	2396.05	5.43	ppb
Uranium	238-1	517.71	527.29	480.66	508.55	4.84	ppb
Vanadium	51-2	510.49	495.15	497.12	500.92	1.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	4964.89	4833.79	4843.99	4880.89	1.49	ppb
Zirconium	90-1	489.40	515.18	465.06	489.88	5.12	ppb
Zirconium	91-1	491.67	506.50	458.75	485.64	5.03	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:23:46	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.35	-0.03	0.26	-0.38		ppb
Antimony	121-1	0.01	0.04	0.02	0.03	57.01	ppb
Arsenic	75-2	0.03	-0.02	0.07	0.03	159.49	ppb
Barium	135-1	0.03	-0.01	-0.03	0.00		ppb
Barium	137-1	0.02	-0.02	0.04	0.01	264.86	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00		ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	30.04	26.11	23.32	26.49	12.74	ppb
Boron	11-1	30.32	25.76	23.13	26.41	13.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.02	0.04	0.02	118.05	ppb
Cadmium	106-1	-3.15	-1.59	0.12	-1.54		ppb
Cadmium	108-1	-0.24	-0.02	-0.15	-0.13		ppb
Calcium	43-1	-10.30	-7.23	-11.35	-9.63		ppb
Calcium	44-1	-47.06	-123.10	-155.46	-108.54		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.22	0.07	0.14	52.31	ppb
Cobalt	59-2	-0.01	0.00	-0.02	-0.01		ppb
Copper	63-2	0.01	0.02	0.03	0.02	64.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				103		%
Indium	115-1				114		%
Indium	115-2				103		%
Iron	54-2	4.34	0.01	4.28	2.88	86.29	ppb
Iron	56-2	0.65	0.70	0.71	0.69	4.51	ppb
Iron	57-2	-1.11	2.97	1.80	1.22	172.42	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:23:46	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.38	0.22	0.12	0.24	53.95	ppb
Lead	207-1	0.43	0.18	0.26	0.29	43.03	ppb
Lead	208-1	0.39	0.22	0.22	0.28	35.32	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.18	1.28	0.86	1.11	19.94	ppb
Manganese	55-2	0.13	0.07	0.10	0.10	29.57	ppb
Molybdenum	94-1	-0.03	0.11	-0.01	0.02	314.33	ppb
Molybdenum	95-1	0.08	0.03	0.00	0.04	103.69	ppb
Molybdenum	96-1	0.05	0.06	0.04	0.05	22.80	ppb
Molybdenum	97-1	0.06	0.09	0.08	0.08	19.56	ppb
Molybdenum	98-1	0.05	0.03	0.01	0.03	63.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.22	-0.15	-0.26	-0.21		ppb
Phosphorus	31-2	-42.74	-44.44	-92.17	-59.78		ppb
Potassium	39-2	-6.54	9.26	-20.68	-5.99		ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				102		%
Selenium	82-1	0.85	-1.75	-1.07	-0.66		ppb
Selenium	77-2	3.20	0.00	3.13	2.11	86.62	ppb
Selenium	78-2	0.31	-1.54	-1.82	-1.02		ppb
Silicon	28-1	-39.99	-859.30	-1203.06	-700.78		ppb
Silver	107-1	0.01	0.02	0.01	0.01	15.52	ppb
Silver	109-1	0.05	0.03	0.04	0.04	25.69	ppb
Sodium	23-2	84.05	71.64	45.91	67.20	28.95	ppb
Strontium	86-1	-0.26	-1.21	-1.12	-0.86		ppb
Strontium	88-1	0.03	0.02	0.03	0.03	16.97	ppb
Sulfur	34-1	-28145.02	-46654.15	-53778.34	-42859.17		ppb
Terbium	159-1				114		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.10	-0.01	0.06	107.07	ppb
Thallium	205-1	0.08	0.04	0.04	0.05	44.55	ppb
Tin	118-1	-0.07	-0.06	-0.05	-0.06		ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:23:46	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	-0.09	0.17	0.05	237.22	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	131.88	ppb
Vanadium	51-2	0.00	-0.02	-0.03	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				104		%
Zinc	66-2	-0.24	-0.46	-0.59	-0.43		ppb
Zirconium	90-1	-0.01	-0.01	0.01	-0.01		ppb
Zirconium	91-1	0.01	0.05	-0.01	0.02	158.24	ppb

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:09:48	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	222	229	184	212	11.52	cps
Antimony	121-1	42	33	17	31	41.66	cps
Arsenic	75-2	1	6	5	4	66.14	cps
Barium	135-1	17	8	33	19	65.47	cps
Barium	137-1	33	0	8	14	124.91	cps
Beryllium	9-1	8	8	24	13	69.28	cps
Bismuth	209-1	1788201	1789720	1731423	1769781	1.88	cps
Bismuth	209-2	985911	1022182	1020275	1009456	2.02	cps
Boron	10-1	296	300	262	286	7.30	cps
Boron	11-1	1216	1120	1192	1176	4.25	cps
Bromine	81-1	1482	1392	1742	1538	11.83	cps
Cadmium	111-1	175	165	124	154	17.54	cps
Cadmium	106-1	833	825	650	769	13.46	cps
Cadmium	108-1	0	13	21	11	94.37	cps
Calcium	43-1	220	184	186	197	10.29	cps
Calcium	44-1	54763	54976	53986	54575	0.95	cps
Carbon	12-1	2372842	2359648	2307679	2346723	1.47	cps
Carbon	12-2	28545	29898	30700	29714	3.67	cps
Chlorine	35-1	163643	159960	161536	161713	1.14	cps
Chlorine	35-2	1325	1392	1608	1442	10.28	cps
Chromium	52-2	940	1040	1043	1008	5.83	cps
Cobalt	59-2	33	77	30	47	55.79	cps
Copper	63-2	240	237	203	227	8.94	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	2795001	2772717	2702681	2756800	1.75	cps
Holmium	165-2	1336735	1395255	1409311	1380433	2.79	cps
Indium	115-1	2305231	2322000	2247340	2291524	1.71	cps
Indium	115-2	387065	402505	399912	396494	2.09	cps
Iron	54-2	417	367	494	426	15.12	cps
Iron	56-2	1978	2172	2011	2054	5.06	cps
Iron	57-2	67	89	67	74	17.32	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:09:48	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1830	1797	1870	1832	2.00	cps
Lead	206-1	344	311	328	328	5.08	cps
Lead	207-1	267	294	294	285	5.62	cps
Lead	208-1	1239	1267	1406	1304	6.85	cps
Lithium	6-1	762674	776521	743929	761041	2.15	cps
Magnesium	24-2	317	175	283	258	28.67	cps
Manganese	55-2	74	65	44	61	25.30	cps
Molybdenum	94-1	83	100	100	94	10.18	cps
Molybdenum	95-1	33	50	17	33	50.00	cps
Molybdenum	96-1	92	58	67	72	24.02	cps
Molybdenum	97-1	17	8	17	14	34.67	cps
Molybdenum	98-1	25	8	42	25	66.68	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	113	110	117	113	2.94	cps
Phosphorus	31-2	158	175	225	186	18.64	cps
Potassium	39-2	19096	19213	20256	19522	3.27	cps
Rhodium	103-1	2348314	2390624	2357385	2365441	0.94	cps
Rhodium	103-2	1112941	1164251	1156007	1144400	2.41	cps
Scandium	45-1	1653900	1646539	1589261	1629900	2.17	cps
Scandium	45-2	56139	58000	58331	57490	2.06	cps
Selenium	82-1	21	74	18	37	84.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	21	26	22	14.39	cps
Silicon	28-1	5951960	5920713	5916739	5929804	0.33	cps
Silver	107-1	50	33	17	33	50.00	cps
Silver	109-1	8	17	0	8	100.02	cps
Sodium	23-2	25214	24705	24713	24877	1.17	cps
Strontium	86-1	2842	2875	3159	2959	5.88	cps
Strontium	88-1	167	158	125	150	14.70	cps
Sulfur	34-1	428947	429649	428877	429158	0.10	cps
Terbium	159-1	2872799	2910750	2816462	2866670	1.65	cps
Terbium	159-2	1366964	1417651	1407870	1397495	1.92	cps
Thallium	203-1	117	117	175	136	24.75	cps
Thallium	205-1	250	317	333	300	14.70	cps
Tin	118-1	292	183	242	239	22.70	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:09:48	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	217	158	200	18.16	cps
Uranium	238-1	33	25	0	19	89.21	cps
Vanadium	51-2	13	3	27	14	81.07	cps
Ytterbium	172-1	0	8	0	3	173.21	cps
Ytterbium	172-2	11	6	0	6	99.97	cps
Ytterbium	176-1	375	267	275	306	19.73	cps
Ytterbium	176-2	122	139	167	143	15.74	cps
Yttrium	89-1	3804228	3823536	3771153	3799639	0.70	cps
Yttrium	89-2	458758	476630	474122	469837	2.06	cps
Zinc	66-2	230	214	209	218	5.13	cps
Zirconium	90-1	208	217	150	192	18.95	cps
Zirconium	91-1	50	25	42	39	32.73	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:12:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	506	506	484	499	2.60	cps
Antimony	121-1	3759	4392	4401	4184	8.80	cps
Arsenic	75-2	73	80	69	74	7.52	cps
Barium	135-1	3726	4051	4109	3962	5.22	cps
Barium	137-1	6752	7360	7235	7116	4.52	cps
Beryllium	9-1	678	626	640	648	4.15	cps
Bismuth	209-1	1808591	1678555	1463967	1650371	10.55	cps
Bismuth	209-2	1018870	1035986	991783	1015546	2.19	cps
Boron	10-1	1044	1164	1324	1177	11.93	cps
Boron	11-1	4644	5374	5578	5199	9.45	cps
Bromine	81-1	1101	1462	1572	1378	17.86	cps
Cadmium	111-1	555	557	589	567	3.36	cps
Cadmium	106-1	858	933	717	836	13.16	cps
Cadmium	108-1	42	67	54	54	23.08	cps
Calcium	43-1	2859	2944	2945	2916	1.70	cps
Calcium	44-1	96298	97834	96557	96896	0.85	cps
Carbon	12-1	2717410	2747043	2748654	2737703	0.64	cps
Carbon	12-2	33781	34491	33255	33842	1.83	cps
Chlorine	35-1	177402	176509	172452	175454	1.50	cps
Chlorine	35-2	1675	1517	1450	1547	7.47	cps
Chromium	52-2	2227	2104	2104	2145	3.32	cps
Cobalt	59-2	1143	970	990	1034	9.17	cps
Copper	63-2	1627	1657	1613	1632	1.36	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	8	25	31	83.33	cps
Erbium	164-2	10	3	27	13	90.16	cps
Gadolinium	160-1	33	8	17	19	65.47	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	2797226	2615335	2415483	2609348	7.32	cps
Holmium	165-2	1398400	1414760	1357219	1390126	2.13	cps
Indium	115-1	2322761	2152120	1986635	2153839	7.80	cps
Indium	115-2	398260	405694	391837	398597	1.74	cps
Iron	54-2	1861	1795	1817	1824	1.86	cps
Iron	56-2	27404	26953	25540	26633	3.65	cps
Iron	57-2	667	689	700	685	2.48	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:12:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1760	1823	1997	1860	6.59	cps
Lead	206-1	1672	1617	1339	1543	11.58	cps
Lead	207-1	1483	1300	1589	1458	10.03	cps
Lead	208-1	6390	6334	6423	6382	0.70	cps
Lithium	6-1	779610	727662	676114	727796	7.11	cps
Magnesium	24-2	21224	21733	21858	21605	1.56	cps
Manganese	55-2	390	396	416	401	3.51	cps
Molybdenum	94-1	3842	4276	3776	3965	6.85	cps
Molybdenum	95-1	4809	4759	5093	4887	3.68	cps
Molybdenum	96-1	5360	5635	5468	5487	2.53	cps
Molybdenum	97-1	3059	3050	2850	2987	3.95	cps
Molybdenum	98-1	7594	7511	7836	7647	2.21	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	433	347	403	394	11.16	cps
Phosphorus	31-2	158	133	133	142	10.19	cps
Potassium	39-2	34985	34592	35210	34929	0.90	cps
Rhodium	103-1	2358549	2182034	2024009	2188197	7.65	cps
Rhodium	103-2	1146528	1174160	1129503	1150064	1.96	cps
Scandium	45-1	1683848	1575792	1394337	1551326	9.43	cps
Scandium	45-2	57779	58943	56711	57811	1.93	cps
Selenium	82-1	178	205	34	139	66.03	cps
Selenium	77-2	0	17	13	10	88.20	cps
Selenium	78-2	57	35	40	44	26.22	cps
Silicon	28-1	5961277	5924338	5988488	5958034	0.54	cps
Silver	107-1	2142	2200	2342	2228	4.62	cps
Silver	109-1	2159	2150	2292	2200	3.61	cps
Sodium	23-2	65070	65615	64225	64970	1.08	cps
Strontium	86-1	3325	3492	3350	3389	2.65	cps
Strontium	88-1	4701	5268	4976	4982	5.69	cps
Sulfur	34-1	433767	434749	436968	435161	0.38	cps
Terbium	159-1	2950751	2712980	2509995	2724575	8.10	cps
Terbium	159-2	1406933	1438995	1385062	1410330	1.92	cps
Thallium	203-1	1692	1683	1900	1759	6.98	cps
Thallium	205-1	4134	4242	4067	4148	2.13	cps
Tin	118-1	6677	8028	8002	7569	10.21	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:12:51	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1550	1859	1867	1758	10.26	cps
Uranium	238-1	5193	4893	4784	4957	4.27	cps
Vanadium	51-2	2394	2444	2267	2368	3.85	cps
Ytterbium	172-1	8	17	17	14	34.67	cps
Ytterbium	172-2	11	11	6	9	34.60	cps
Ytterbium	176-1	308	267	250	275	10.93	cps
Ytterbium	176-2	111	167	117	131	23.27	cps
Yttrium	89-1	3922482	3596831	3314995	3611436	8.42	cps
Yttrium	89-2	469884	483989	464453	472775	2.13	cps
Zinc	66-2	428	496	491	472	8.02	cps
Zirconium	90-1	3009	3117	3142	3089	2.29	cps
Zirconium	91-1	700	700	717	706	1.36	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 14:21:57 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16237	16091	16243	16190	0.53	cps
Antimony	121-1	101542	102357	102331	102077	0.45	cps
Arsenic	75-2	3621	3552	3652	3608	1.42	cps
Barium	135-1	104687	104116	104721	104508	0.33	cps
Barium	137-1	177165	179639	183676	180160	1.82	cps
Beryllium	9-1	29968	31383	31088	30813	2.42	cps
Bismuth	209-1	1889503	1881396	1880041	1883647	0.27	cps
Bismuth	209-2	1047982	1037123	1043020	1042708	0.52	cps
Boron	10-1	2230	2446	2504	2393	6.03	cps
Boron	11-1	9373	10422	10960	10252	7.87	cps
Bromine	81-1	1231	1191	1321	1248	5.34	cps
Cadmium	111-1	22761	22595	22861	22739	0.59	cps
Cadmium	106-1	3184	3484	3192	3287	5.20	cps
Cadmium	108-1	1696	1625	1758	1693	3.94	cps
Calcium	43-1	30278	30299	30537	30371	0.47	cps
Calcium	44-1	529154	538154	531885	533064	0.87	cps
Carbon	12-1	2861647	2915789	2971371	2916269	1.88	cps
Carbon	12-2	38359	37707	37314	37793	1.40	cps
Chlorine	35-1	205011	210659	210330	208667	1.52	cps
Chlorine	35-2	1984	1750	1717	1817	8.00	cps
Chromium	52-2	31956	31171	30823	31317	1.85	cps
Cobalt	59-2	53165	51647	51633	52148	1.69	cps
Copper	63-2	410287	409516	407388	409064	0.37	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	20	17	7	14	48.02	cps
Gadolinium	160-1	17	67	8	31	103.26	cps
Gadolinium	160-2	3	13	13	10	57.75	cps
Holmium	165-1	2876740	2945401	2955729	2925957	1.47	cps
Holmium	165-2	1443296	1428154	1425424	1432291	0.67	cps
Indium	115-1	2442037	2429552	2423117	2431569	0.40	cps
Indium	115-2	410252	409726	406123	408700	0.55	cps
Iron	54-2	68469	68123	68301	68298	0.25	cps
Iron	56-2	1248984	1240876	1227235	1239031	0.89	cps
Iron	57-2	30756	31490	31847	31364	1.77	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:21:57	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1863	1900	1733	1832	4.78	cps
Lead	206-1	324602	333270	331536	329802	1.39	cps
Lead	207-1	288983	300401	300902	296762	2.27	cps
Lead	208-1	1313131	1348864	1341733	1334576	1.42	cps
Lithium	6-1	798771	793234	795782	795929	0.35	cps
Magnesium	24-2	227049	227149	226555	226918	0.14	cps
Manganese	55-2	148240	147011	146966	147406	0.49	cps
Molybdenum	94-1	201993	202620	203185	202599	0.29	cps
Molybdenum	95-1	254321	256910	254634	255289	0.55	cps
Molybdenum	96-1	281249	286646	281302	283066	1.10	cps
Molybdenum	97-1	156274	159029	157362	157555	0.88	cps
Molybdenum	98-1	400274	408167	408172	405538	1.12	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	15202	15305	15171	15226	0.46	cps
Phosphorus	31-2	1133	1025	1025	1061	5.89	cps
Potassium	39-2	100172	98946	98426	99181	0.90	cps
Rhodium	103-1	2455578	2446969	2467097	2456548	0.41	cps
Rhodium	103-2	1185130	1181817	1185774	1184240	0.18	cps
Scandium	45-1	1694459	1721301	1692877	1702879	0.94	cps
Scandium	45-2	59265	59938	58585	59263	1.14	cps
Selenium	82-1	1567	1509	1692	1589	5.88	cps
Selenium	77-2	37	67	80	61	36.31	cps
Selenium	78-2	198	218	189	202	7.36	cps
Silicon	28-1	5958011	5967648	6035622	5987094	0.71	cps
Silver	107-1	118836	121651	119214	119900	1.27	cps
Silver	109-1	112070	114499	113743	113438	1.10	cps
Sodium	23-2	439924	444563	436072	440186	0.97	cps
Strontium	86-1	286008	292142	290405	289519	1.09	cps
Strontium	88-1	2562217	2567296	2580904	2570139	0.38	cps
Sulfur	34-1	439976	441040	442253	441090	0.26	cps
Terbium	159-1	3103879	3070824	3020942	3065215	1.36	cps
Terbium	159-2	1461378	1440536	1442916	1448277	0.79	cps
Thallium	203-1	80147	80860	79954	80320	0.59	cps
Thallium	205-1	190357	193749	193233	192446	0.95	cps
Tin	118-1	70925	72484	73623	72344	1.87	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:21:57	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	72424	74703	73655	73594	1.55	cps
Uranium	238-1	246644	257231	258224	254033	2.53	cps
Vanadium	51-2	22691	23389	23680	23253	2.18	cps
Ytterbium	172-1	0	8	17	8	100.02	cps
Ytterbium	172-2	0	6	11	6	99.97	cps
Ytterbium	176-1	283	325	250	286	13.13	cps
Ytterbium	176-2	144	161	117	141	15.95	cps
Yttrium	89-1	4032825	4011625	4039223	4027891	0.36	cps
Yttrium	89-2	487120	484783	485019	485641	0.26	cps
Zinc	66-2	73424	72664	72609	72899	0.63	cps
Zirconium	90-1	160728	159817	159193	159913	0.48	cps
Zirconium	91-1	35897	36081	35989	35989	0.26	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:24:59	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38468	37783	36710	37654	2.35	cps
Antimony	121-1	253416	258147	254294	255286	0.99	cps
Arsenic	75-2	9084	8844	8735	8887	2.01	cps
Barium	135-1	259456	261379	260993	260609	0.39	cps
Barium	137-1	447971	447391	454193	449851	0.84	cps
Beryllium	9-1	75545	77129	76809	76494	1.09	cps
Bismuth	209-1	1564491	1810655	1851744	1742297	8.92	cps
Bismuth	209-2	1057338	1151217	997508	1068687	7.25	cps
Boron	10-1	4744	5524	5872	5380	10.74	cps
Boron	11-1	21259	24241	25563	23688	9.31	cps
Bromine	81-1	1402	1281	1321	1335	4.58	cps
Cadmium	111-1	55408	55453	55883	55582	0.47	cps
Cadmium	106-1	6802	6760	6844	6802	0.61	cps
Cadmium	108-1	4147	4267	4222	4212	1.45	cps
Calcium	43-1	74440	75524	74733	74899	0.75	cps
Calcium	44-1	1292638	1302878	1318865	1304794	1.01	cps
Carbon	12-1	2878640	2924200	2938785	2913875	1.08	cps
Carbon	12-2	36412	38025	38000	37479	2.46	cps
Chlorine	35-1	196707	199055	200128	198630	0.88	cps
Chlorine	35-2	1817	1775	1967	1853	5.44	cps
Chromium	52-2	75786	73300	72730	73939	2.20	cps
Cobalt	59-2	129748	126048	121775	125857	3.17	cps
Copper	63-2	1009342	985697	957754	984264	2.62	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	20	7	3	10	88.20	cps
Erbium	164-1	33	8	67	36	81.06	cps
Erbium	164-2	17	7	13	12	41.65	cps
Gadolinium	160-1	25	33	50	36	35.25	cps
Gadolinium	160-2	17	20	17	18	10.81	cps
Holmium	165-1	2585182	2823146	2926228	2778185	6.30	cps
Holmium	165-2	1555030	1678308	1372317	1535218	10.03	cps
Indium	115-1	2129251	2290531	2385373	2268385	5.71	cps
Indium	115-2	417333	451754	391097	420062	7.24	cps
Iron	54-2	170954	167526	162935	167138	2.41	cps
Iron	56-2	3263436	3164061	3049091	3158863	3.40	cps
Iron	57-2	75974	74036	72947	74319	2.06	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:24:59	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1917	1773	1680	1790	6.66	cps
Lead	206-1	808569	822672	811049	814097	0.92	cps
Lead	207-1	729442	741533	727836	732937	1.02	cps
Lead	208-1	3384941	3451574	3436154	3424223	1.02	cps
Lithium	6-1	715649	765160	788810	756540	4.93	cps
Magnesium	24-2	557634	557911	532830	549458	2.62	cps
Manganese	55-2	367152	359686	346064	357634	2.99	cps
Molybdenum	94-1	498775	505599	499538	501304	0.75	cps
Molybdenum	95-1	638522	634238	627967	633576	0.84	cps
Molybdenum	96-1	705617	703799	692409	700608	1.02	cps
Molybdenum	97-1	391457	393491	387309	390752	0.81	cps
Molybdenum	98-1	994465	1002908	1007164	1001513	0.65	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	36828	36096	35364	36096	2.03	cps
Phosphorus	31-2	2250	2559	2175	2328	8.73	cps
Potassium	39-2	209006	209826	204299	207710	1.44	cps
Rhodium	103-1	2153094	2301211	2426909	2293738	5.98	cps
Rhodium	103-2	1210197	1295640	1139444	1215094	6.44	cps
Scandium	45-1	1482626	1662884	1684990	1610167	6.89	cps
Scandium	45-2	60979	66637	57337	61651	7.60	cps
Selenium	82-1	3813	3829	3919	3853	1.48	cps
Selenium	77-2	180	137	133	150	17.35	cps
Selenium	78-2	472	461	433	455	4.42	cps
Silicon	28-1	6053328	6172930	6085213	6103824	1.01	cps
Silver	107-1	294609	300879	301966	299151	1.33	cps
Silver	109-1	283000	286777	280676	283484	1.09	cps
Sodium	23-2	1074444	1063921	1001238	1046535	3.78	cps
Strontium	86-1	712100	716057	709923	712693	0.44	cps
Strontium	88-1	6408962	6225090	6213766	6282606	1.74	cps
Sulfur	34-1	444894	443344	443163	443800	0.21	cps
Terbium	159-1	2741266	2942609	3032329	2905401	5.13	cps
Terbium	159-2	1549057	1690676	1387169	1542301	9.85	cps
Thallium	203-1	199573	202190	196731	199498	1.37	cps
Thallium	205-1	474348	484409	472475	477077	1.35	cps
Tin	118-1	180683	183499	181070	181751	0.84	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:24:59	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183250	182499	176182	180644	2.15	cps
Uranium	238-1	629320	640576	620162	630019	1.62	cps
Vanadium	51-2	57361	56869	55253	56494	1.95	cps
Ytterbium	172-1	17	0	0	6	173.21	cps
Ytterbium	172-2	11	28	0	13	107.86	cps
Ytterbium	176-1	308	317	250	292	12.45	cps
Ytterbium	176-2	178	111	200	163	28.39	cps
Yttrium	89-1	3577390	3841859	3934110	3784453	4.89	cps
Yttrium	89-2	496217	538788	465911	500305	7.32	cps
Zinc	66-2	178577	174878	169279	174244	2.69	cps
Zirconium	90-1	393211	401301	390095	394869	1.46	cps
Zirconium	91-1	87986	89193	88631	88603	0.68	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 14:27:58 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76247	75743	75058	75683	0.79	cps
Antimony	121-1	495476	503938	511161	503525	1.56	cps
Arsenic	75-2	17833	17591	17634	17686	0.73	cps
Barium	135-1	510422	512964	521255	514880	1.10	cps
Barium	137-1	881756	896477	910278	896171	1.59	cps
Beryllium	9-1	149731	150185	149244	149720	0.31	cps
Bismuth	209-1	1887873	1900087	1901582	1896514	0.40	cps
Bismuth	209-2	1033842	943525	978025	985131	4.63	cps
Boron	10-1	9631	10926	11826	10795	10.22	cps
Boron	11-1	42192	47497	50851	46847	9.32	cps
Bromine	81-1	1011	1532	1181	1241	21.38	cps
Cadmium	111-1	110332	110143	113036	111170	1.46	cps
Cadmium	106-1	12873	12114	12915	12634	3.57	cps
Cadmium	108-1	8378	8594	8332	8435	1.66	cps
Calcium	43-1	147316	148864	148795	148325	0.59	cps
Calcium	44-1	2452685	2560864	2499829	2504459	2.17	cps
Carbon	12-1	2911950	2964782	3004201	2960311	1.56	cps
Carbon	12-2	37456	38911	38677	38348	2.04	cps
Chlorine	35-1	192671	194537	196436	194548	0.97	cps
Chlorine	35-2	1925	1733	1642	1767	8.18	cps
Chromium	52-2	148296	147121	147841	147753	0.40	cps
Cobalt	59-2	254559	256758	252455	254591	0.85	cps
Copper	63-2	2117352	2126060	2119922	2121111	0.21	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	10	17	13	13	25.01	cps
Erbium	164-1	50	42	42	44	10.82	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	33	25	108	56	82.62	cps
Gadolinium	160-2	30	27	13	23	37.81	cps
Holmium	165-1	2960504	2953595	2924962	2946354	0.64	cps
Holmium	165-2	1416557	1315754	1351195	1361169	3.76	cps
Indium	115-1	2441686	2382475	2421735	2415299	1.25	cps
Indium	115-2	402545	374137	386744	387809	3.67	cps
Iron	54-2	338251	341486	332626	337455	1.33	cps
Iron	56-2	6213169	6325547	6286457	6275057	0.91	cps
Iron	57-2	150350	150530	148290	149723	0.83	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:27:58	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1723	1913	1790	1809	5.33	cps
Lead	206-1	1718948	1737942	1725749	1727547	0.56	cps
Lead	207-1	1447333	1462008	1457267	1455536	0.51	cps
Lead	208-1	6936457	6974839	6982756	6964684	0.36	cps
Lithium	6-1	800091	795833	799585	798503	0.29	cps
Magnesium	24-2	1108306	1117918	1099790	1108671	0.82	cps
Manganese	55-2	719575	723129	715210	719305	0.55	cps
Molybdenum	94-1	991756	1005572	1001993	999773	0.72	cps
Molybdenum	95-1	1242664	1266655	1267062	1258794	1.11	cps
Molybdenum	96-1	1414725	1440582	1450807	1435372	1.30	cps
Molybdenum	97-1	765000	785701	784043	778248	1.48	cps
Molybdenum	98-1	2087784	2066656	2132091	2095510	1.59	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	71900	73425	71643	72323	1.33	cps
Phosphorus	31-2	4601	5009	4818	4809	4.25	cps
Potassium	39-2	401394	401169	395949	399504	0.77	cps
Rhodium	103-1	2470828	2395331	2486506	2450888	1.99	cps
Rhodium	103-2	1167392	1080921	1118991	1122435	3.86	cps
Scandium	45-1	1720545	1791306	1695267	1735706	2.87	cps
Scandium	45-2	58204	53730	55694	55876	4.01	cps
Selenium	82-1	7355	7349	7466	7390	0.89	cps
Selenium	77-2	250	227	300	259	14.47	cps
Selenium	78-2	937	951	940	943	0.78	cps
Silicon	28-1	6279970	6371711	6385692	6345791	0.91	cps
Silver	107-1	585168	595613	592658	591146	0.91	cps
Silver	109-1	561567	567109	569009	565895	0.68	cps
Sodium	23-2	2052346	2103914	2083301	2079853	1.25	cps
Strontium	86-1	1445759	1497049	1491338	1478049	1.90	cps
Strontium	88-1	12310565	12698575	12647873	12552338	1.68	cps
Sulfur	34-1	454822	457904	449974	454233	0.88	cps
Terbium	159-1	3062465	3078476	3069537	3070159	0.26	cps
Terbium	159-2	1439457	1325839	1381155	1382151	4.11	cps
Thallium	203-1	389238	395645	400530	395138	1.43	cps
Thallium	205-1	944400	949531	962420	952117	0.98	cps
Tin	118-1	352044	361167	361727	358313	1.52	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:27:58	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	356437	364168	355067	358557	1.37	cps
Uranium	238-1	1242581	1267979	1267631	1259397	1.16	cps
Vanadium	51-2	115135	116365	112387	114629	1.78	cps
Ytterbium	172-1	0	25	8	11	114.58	cps
Ytterbium	172-2	6	0	0	2	173.21	cps
Ytterbium	176-1	208	308	292	269	19.88	cps
Ytterbium	176-2	128	161	144	144	11.54	cps
Yttrium	89-1	4132773	4120718	4001000	4084830	1.78	cps
Yttrium	89-2	478364	450521	462079	463655	3.02	cps
Zinc	66-2	357555	354966	353639	355387	0.56	cps
Zirconium	90-1	788459	787813	796158	790810	0.59	cps
Zirconium	91-1	176397	178557	176812	177255	0.65	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:30:58	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143290	143449	142966	143235	0.17	cps
Antimony	121-1	982146	1004825	1009152	998708	1.45	cps
Arsenic	75-2	34000	34007	33954	33987	0.08	cps
Barium	135-1	993703	1023245	1044767	1020571	2.51	cps
Barium	137-1	1801706	1874978	1918206	1864963	3.16	cps
Beryllium	9-1	292786	298636	298561	296661	1.13	cps
Bismuth	209-1	1859064	1868280	1827115	1851486	1.17	cps
Bismuth	209-2	999018	1000020	997385	998808	0.13	cps
Boron	10-1	19143	22100	22737	21327	8.99	cps
Boron	11-1	85389	94163	100580	93377	8.17	cps
Bromine	81-1	1221	1392	1402	1338	7.57	cps
Cadmium	111-1	212041	216477	220492	216337	1.95	cps
Cadmium	106-1	23345	24055	23011	23470	2.27	cps
Cadmium	108-1	16306	16919	16464	16563	1.92	cps
Calcium	43-1	288442	292091	297729	292754	1.60	cps
Calcium	44-1	4838920	4869508	4987121	4898516	1.60	cps
Carbon	12-1	2906231	2944332	2992983	2947849	1.48	cps
Carbon	12-2	37824	37064	36588	37159	1.68	cps
Chlorine	35-1	176086	178170	181535	178597	1.54	cps
Chlorine	35-2	1442	1625	1525	1531	6.00	cps
Chromium	52-2	280070	277723	281477	279757	0.68	cps
Cobalt	59-2	479789	482752	482686	481742	0.35	cps
Copper	63-2	3887437	3970057	3989032	3948842	1.37	cps
Dysprosium	156-1	67	50	67	61	15.75	cps
Dysprosium	156-2	27	20	37	28	30.20	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	83	117	108	103	16.88	cps
Gadolinium	160-2	43	23	33	33	30.00	cps
Holmium	165-1	2903654	2949001	2908303	2920319	0.85	cps
Holmium	165-2	1376232	1392157	1375076	1381155	0.69	cps
Indium	115-1	2425446	2346083	2392723	2388084	1.67	cps
Indium	115-2	388961	391437	387865	389421	0.47	cps
Iron	54-2	628294	635670	634559	632841	0.63	cps
Iron	56-2	12125829	11992675	11887280	12001928	1.00	cps
Iron	57-2	284377	283361	284104	283947	0.19	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:30:58	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1767	1733	1807	1769	2.08	cps
Lead	206-1	3476751	3588071	3509142	3524655	1.62	cps
Lead	207-1	3009033	3172172	3140813	3107339	2.79	cps
Lead	208-1	13711868	14073433	14103081	13962794	1.56	cps
Lithium	6-1	795956	802211	781512	793227	1.34	cps
Magnesium	24-2	2139524	2133663	2117622	2130270	0.53	cps
Manganese	55-2	1436610	1413334	1401500	1417148	1.26	cps
Molybdenum	94-1	2001121	2046906	2090999	2046342	2.20	cps
Molybdenum	95-1	2551887	2633246	2605359	2596831	1.59	cps
Molybdenum	96-1	2784240	2877812	2876613	2846222	1.89	cps
Molybdenum	97-1	1580908	1583797	1618893	1594533	1.33	cps
Molybdenum	98-1	4025320	4171924	4196696	4131313	2.24	cps
Neodymium	150-1	47	27	67	47	42.85	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	137705	137028	137457	137397	0.25	cps
Phosphorus	31-2	8820	9120	9528	9156	3.89	cps
Potassium	39-2	742394	740597	749008	744000	0.60	cps
Rhodium	103-1	2453781	2425403	2386259	2421814	1.40	cps
Rhodium	103-2	1120956	1116737	1104739	1114144	0.76	cps
Scandium	45-1	1718242	1713104	1678664	1703337	1.26	cps
Scandium	45-2	56564	56179	56433	56392	0.35	cps
Selenium	82-1	14366	14908	14814	14696	1.97	cps
Selenium	77-2	530	483	440	484	9.29	cps
Selenium	78-2	1691	1692	1645	1676	1.60	cps
Silicon	28-1	6603716	6741823	6793460	6713000	1.46	cps
Silver	107-1	1138404	1175273	1180923	1164867	1.98	cps
Silver	109-1	1097920	1122091	1124804	1114938	1.33	cps
Sodium	23-2	3887105	3901215	3876109	3888143	0.32	cps
Strontium	86-1	2816745	2872143	2915585	2868158	1.73	cps
Strontium	88-1	24176947	24683073	24845909	24568643	1.42	cps
Sulfur	34-1	482655	483185	481059	482299	0.23	cps
Terbium	159-1	3044804	3043317	2996426	3028182	0.91	cps
Terbium	159-2	1394825	1408288	1400498	1401203	0.48	cps
Thallium	203-1	769557	784739	792403	782233	1.49	cps
Thallium	205-1	1959914	1989535	2061235	2003561	2.60	cps
Tin	118-1	685042	709781	709991	701605	2.04	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:30:58	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	687807	708553	717693	704684	2.17	cps
Uranium	238-1	2559896	2653899	2661045	2624947	2.15	cps
Vanadium	51-2	216345	216402	218208	216985	0.49	cps
Ytterbium	172-1	8	17	0	8	100.02	cps
Ytterbium	172-2	6	6	0	4	86.60	cps
Ytterbium	176-1	350	350	283	328	11.74	cps
Ytterbium	176-2	117	178	178	157	22.41	cps
Yttrium	89-1	4084600	4014569	3963303	4020824	1.51	cps
Yttrium	89-2	468798	465245	464252	466098	0.51	cps
Zinc	66-2	663878	668309	670074	667420	0.48	cps
Zirconium	90-1	1631522	1630111	1639456	1633696	0.31	cps
Zirconium	91-1	342497	347791	353823	348037	1.63	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 14:33:56 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305201	288919	289054	294391	3.18	cps
Antimony	121-1	2090807	2132245	2155106	2126053	1.53	cps
Arsenic	75-2	72166	68822	68560	69849	2.88	cps
Barium	135-1	2171275	2227388	2220079	2206247	1.38	cps
Barium	137-1	3652772	3756771	3708139	3705894	1.40	cps
Beryllium	9-1	588473	593857	595710	592680	0.63	cps
Bismuth	209-1	1857779	1889884	1874597	1874087	0.86	cps
Bismuth	209-2	1028506	991722	742065	920765	16.93	cps
Boron	10-1	41189	44610	47164	44321	6.76	cps
Boron	11-1	178960	194589	208127	193892	7.53	cps
Bromine	81-1	1141	1121	1482	1248	16.23	cps
Cadmium	111-1	430365	439812	442538	437572	1.46	cps
Cadmium	106-1	45367	46337	46261	45988	1.17	cps
Cadmium	108-1	32467	33411	33303	33060	1.56	cps
Calcium	43-1	582409	591130	600876	591472	1.56	cps
Calcium	44-1	9575063	9748774	10123740	9815859	2.86	cps
Carbon	12-1	2947139	3060246	3052006	3019797	2.09	cps
Carbon	12-2	40674	40022	39078	39924	2.01	cps
Chlorine	35-1	174214	174711	179766	176230	1.74	cps
Chlorine	35-2	1800	1542	1525	1622	9.51	cps
Chromium	52-2	595858	566101	565360	575773	3.02	cps
Cobalt	59-2	1019831	964258	970755	984948	3.08	cps
Copper	63-2	8185580	7844480	7749766	7926608	2.89	cps
Dysprosium	156-1	175	108	142	142	23.53	cps
Dysprosium	156-2	80	40	63	61	32.88	cps
Erbium	164-1	50	17	58	42	52.91	cps
Erbium	164-2	37	23	17	26	39.85	cps
Gadolinium	160-1	142	133	83	119	26.41	cps
Gadolinium	160-2	60	60	47	56	13.85	cps
Holmium	165-1	2951045	2902967	2952474	2935495	0.96	cps
Holmium	165-2	1443004	1384436	1033659	1287033	17.20	cps
Indium	115-1	2399760	2395869	2402075	2399235	0.13	cps
Indium	115-2	402558	386944	282789	357430	18.22	cps
Iron	54-2	1444653	1279208	1266830	1330231	7.46	cps
Iron	56-2	25023068	23904014	24002424	24309835	2.55	cps
Iron	57-2	600042	574638	574437	583039	2.53	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:33:56	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1720	1657	1897	1758	7.08	cps
Lead	206-1	6946746	6969459	7079527	6998577	1.01	cps
Lead	207-1	6173935	6126760	6277932	6192875	1.25	cps
Lead	208-1	27887176	27683333	28315672	27962060	1.15	cps
Lithium	6-1	790805	791915	803015	795245	0.85	cps
Magnesium	24-2	4467495	4244734	4231793	4314674	3.07	cps
Manganese	55-2	3056018	2890520	2896290	2947609	3.19	cps
Molybdenum	94-1	4080366	4048298	4248177	4125614	2.60	cps
Molybdenum	95-1	5196411	5242842	5278607	5239287	0.79	cps
Molybdenum	96-1	5678787	5757439	5906157	5780794	2.00	cps
Molybdenum	97-1	3196523	3219924	3301041	3239163	1.69	cps
Molybdenum	98-1	8192517	8459895	8342872	8331761	1.61	cps
Neodymium	150-1	67	33	60	53	33.08	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	288946	273420	272982	278449	3.27	cps
Phosphorus	31-2	18746	18470	18646	18621	0.75	cps
Potassium	39-2	1609502	1497301	1518142	1541648	3.87	cps
Rhodium	103-1	2422425	2450786	2389049	2420753	1.28	cps
Rhodium	103-2	1153954	1121872	826103	1033976	17.48	cps
Scandium	45-1	1721969	1728132	1780626	1743576	1.85	cps
Scandium	45-2	60654	57066	42821	53514	17.63	cps
Selenium	82-1	29839	30097	30250	30062	0.69	cps
Selenium	77-2	1043	1013	983	1013	2.96	cps
Selenium	78-2	3557	3437	3319	3437	3.46	cps
Silicon	28-1	7219983	7411215	7431017	7354071	1.58	cps
Silver	107-1	2409707	2481819	2535804	2475777	2.56	cps
Silver	109-1	2285156	2408879	2355067	2349700	2.64	cps
Sodium	23-2	8197687	7812036	7854640	7954788	2.66	cps
Strontium	86-1	5739118	5870278	5909811	5839736	1.53	cps
Strontium	88-1	49017565	50364149	50700684	50027466	1.78	cps
Sulfur	34-1	546072	551433	551767	549757	0.58	cps
Terbium	159-1	3126146	3065692	3020688	3070842	1.72	cps
Terbium	159-2	1560456	1406940	1044933	1337443	19.79	cps
Thallium	203-1	1554062	1582967	1596984	1578004	1.39	cps
Thallium	205-1	3904228	3977531	4049722	3977160	1.83	cps
Tin	118-1	1412952	1430939	1502241	1448711	3.26	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:33:56	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1464460	1495257	1494246	1484654	1.18	cps
Uranium	238-1	5217143	5309407	5339469	5288673	1.21	cps
Vanadium	51-2	460519	440432	440761	447237	2.57	cps
Ytterbium	172-1	8	0	8	6	86.60	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	392	317	317	342	12.67	cps
Ytterbium	176-2	161	139	111	137	18.28	cps
Yttrium	89-1	4041213	4032035	4001608	4024952	0.52	cps
Yttrium	89-2	491547	468286	353634	437822	16.86	cps
Zinc	66-2	1399141	1336208	1330465	1355271	2.81	cps
Zirconium	90-1	3284680	3333871	3297825	3305458	0.77	cps
Zirconium	91-1	694690	703300	723697	707229	2.11	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:36:57	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1509397	1503758	1529962	1514373	0.91	cps
Antimony	121-1	1383	1200	1442	1342	9.40	cps
Arsenic	75-2	43	39	34	39	11.66	cps
Barium	135-1	783	817	883	828	6.15	cps
Barium	137-1	1784	1508	1500	1597	10.10	cps
Beryllium	9-1	108	82	74	88	20.20	cps
Bismuth	209-1	1578108	1726336	1593642	1632695	4.99	cps
Bismuth	209-2	1062097	1006924	981696	1016906	4.04	cps
Boron	10-1	6760	6118	5746	6208	8.26	cps
Boron	11-1	29702	27420	25227	27449	8.15	cps
Bromine	81-1	1462	1402	1542	1468	4.79	cps
Cadmium	111-1	386	436	450	424	7.87	cps
Cadmium	106-1	908	1000	825	911	9.61	cps
Cadmium	108-1	29	38	46	38	22.21	cps
Calcium	43-1	2802928	2914452	2823976	2847119	2.08	cps
Calcium	44-1	46607755	46967604	45894602	46489987	1.17	cps
Carbon	12-1	2867772	2941859	2971745	2927126	1.83	cps
Carbon	12-2	39955	40039	39712	39902	0.42	cps
Chlorine	35-1	178296	181165	180759	180073	0.86	cps
Chlorine	35-2	1667	1592	1667	1642	2.64	cps
Chromium	52-2	4831	4634	4841	4769	2.44	cps
Cobalt	59-2	1483	1403	1440	1442	2.78	cps
Copper	63-2	4864	5361	5021	5082	5.00	cps
Dysprosium	156-1	483	425	450	453	6.46	cps
Dysprosium	156-2	243	260	263	256	4.19	cps
Erbium	164-1	42	33	92	56	56.79	cps
Erbium	164-2	30	23	33	29	17.63	cps
Gadolinium	160-1	583	508	583	558	7.76	cps
Gadolinium	160-2	250	360	317	309	17.94	cps
Holmium	165-1	2703570	2826112	2795146	2774943	2.30	cps
Holmium	165-2	1649873	1467192	1410466	1509177	8.29	cps
Indium	115-1	2271226	2276738	2274073	2274012	0.12	cps
Indium	115-2	427714	406899	393190	409268	4.25	cps
Iron	54-2	6429107	6602022	6501062	6510730	1.33	cps
Iron	56-2	117436153	116327736	119194039	117652642	1.23	cps
Iron	57-2	2964562	2993610	3047008	3001727	1.39	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:36:57	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1773	1713	1633	1707	4.12	cps
Lead	206-1	41973	41322	41199	41498	1.00	cps
Lead	207-1	37594	37850	37672	37705	0.35	cps
Lead	208-1	169013	170423	167499	168978	0.87	cps
Lithium	6-1	739119	747881	751323	746107	0.84	cps
Magnesium	24-2	20941891	21047886	21182613	21057463	0.57	cps
Manganese	55-2	1813	2062	1846	1907	7.08	cps
Molybdenum	94-1	1692	1350	1333	1458	13.87	cps
Molybdenum	95-1	1650	2025	1658	1778	12.05	cps
Molybdenum	96-1	2242	2184	1992	2139	6.12	cps
Molybdenum	97-1	1100	1067	1100	1089	1.77	cps
Molybdenum	98-1	2709	2984	2675	2789	6.07	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	977	930	1097	1001	8.59	cps
Phosphorus	31-2	167	142	125	144	14.52	cps
Potassium	39-2	7351100	7409821	7499647	7420189	1.01	cps
Rhodium	103-1	2188490	2221611	2230609	2213570	1.00	cps
Rhodium	103-2	1197789	1142570	1090343	1143567	4.70	cps
Scandium	45-1	1630799	1664379	1636405	1643861	1.09	cps
Scandium	45-2	62972	59429	58954	60451	3.63	cps
Selenium	82-1	79	37	175	97	73.03	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	34	26	22	27	22.35	cps
Silicon	28-1	6232427	6259279	6395548	6295751	1.39	cps
Silver	107-1	742	792	733	756	4.18	cps
Silver	109-1	1008	700	767	825	19.67	cps
Sodium	23-2	38118271	38578420	39334625	38677105	1.59	cps
Strontium	86-1	6852	7010	6618	6827	2.89	cps
Strontium	88-1	35103	34218	33215	34179	2.76	cps
Sulfur	34-1	382863	385092	394647	387534	1.62	cps
Terbium	159-1	2887269	2979726	2902863	2923286	1.69	cps
Terbium	159-2	1657149	1604922	1420270	1560780	7.97	cps
Thallium	203-1	842	775	667	761	11.61	cps
Thallium	205-1	2084	1734	1642	1820	12.81	cps
Tin	118-1	900	975	942	939	4.00	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 14:36:57	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	550	575	600	575	4.35	cps
Uranium	238-1	1133	767	875	925	20.37	cps
Vanadium	51-2	110	90	107	102	10.48	cps
Ytterbium	172-1	25	8	17	17	50.01	cps
Ytterbium	172-2	0	0	11	4	173.21	cps
Ytterbium	176-1	333	417	325	358	14.15	cps
Ytterbium	176-2	167	161	200	176	11.96	cps
Yttrium	89-1	3758801	3867170	3887104	3837692	1.80	cps
Yttrium	89-2	524999	494748	478397	499381	4.73	cps
Zinc	66-2	3038	3003	2883	2975	2.73	cps
Zirconium	90-1	1425	1375	1283	1361	5.28	cps
Zirconium	91-1	292	267	267	275	5.25	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 15:08:09 DataFile Name : 017ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7789	8105	7584	7826	3.36	cps
Antimony	121-1	372300	392532	389245	384692	2.82	cps
Arsenic	75-2	15077	14967	14219	14754	3.17	cps
Barium	135-1	38564	41121	41054	40247	3.62	cps
Barium	137-1	67862	72251	68289	69467	3.48	cps
Beryllium	9-1	54170	56298	55236	55234	1.93	cps
Bismuth	209-1	1566901	1745013	1814660	1708858	7.48	cps
Bismuth	209-2	1045736	1051322	986026	1027695	3.52	cps
Boron	10-1	1082	1090	1112	1094	1.42	cps
Boron	11-1	5038	4800	4662	4833	3.94	cps
Bromine	81-1	1462	1422	1321	1402	5.15	cps
Cadmium	111-1	41487	44055	43771	43104	3.27	cps
Cadmium	106-1	5051	5134	4834	5007	3.09	cps
Cadmium	108-1	2859	3125	3063	3016	4.63	cps
Calcium	43-1	23271	24400	24330	24000	2.64	cps
Calcium	44-1	337321	339632	341681	339544	0.64	cps
Carbon	12-1	2659559	2709992	2708959	2692837	1.07	cps
Carbon	12-2	35142	33647	35452	34747	2.78	cps
Chlorine	35-1	149769	154131	151041	151647	1.48	cps
Chlorine	35-2	1433	1317	1417	1389	4.54	cps
Chromium	52-2	61977	61542	58988	60835	2.65	cps
Cobalt	59-2	106766	105491	101583	104613	2.58	cps
Copper	63-2	83437	82568	79692	81899	2.39	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	25	17	0	14	91.65	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	42	33	17	31	41.66	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	2605332	2793699	2752911	2717314	3.65	cps
Holmium	165-2	1465035	1452108	1383511	1433551	3.06	cps
Indium	115-1	2193394	2310509	2372947	2292283	3.98	cps
Indium	115-2	426876	425320	406256	419484	2.74	cps
Iron	54-2	55680	54621	53148	54483	2.33	cps
Iron	56-2	977192	950797	914159	947383	3.34	cps
Iron	57-2	23586	24154	22073	23271	4.62	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:08:09	DataFile Name :	017ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1837	1793	1773	1801	1.80	cps
Lead	206-1	244139	256724	247520	249461	2.61	cps
Lead	207-1	205508	210128	207305	207647	1.12	cps
Lead	208-1	954564	986018	978979	973187	1.70	cps
Lithium	6-1	663022	698886	699093	687000	3.02	cps
Magnesium	24-2	51650	50689	48975	50438	2.69	cps
Manganese	55-2	31652	30949	29996	30866	2.69	cps
Molybdenum	94-1	208	208	183	200	7.22	cps
Molybdenum	95-1	117	108	142	122	14.19	cps
Molybdenum	96-1	217	133	175	175	23.81	cps
Molybdenum	97-1	100	108	50	86	36.64	cps
Molybdenum	98-1	258	175	192	208	21.17	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	30967	29871	28719	29853	3.77	cps
Phosphorus	31-2	158	208	125	164	25.59	cps
Potassium	39-2	84161	83969	81941	83357	1.48	cps
Rhodium	103-1	2286680	2415305	2426344	2376110	3.27	cps
Rhodium	103-2	1214080	1215164	1153341	1194195	2.96	cps
Scandium	45-1	1545055	1647711	1689269	1627345	4.56	cps
Scandium	45-2	62890	61879	58887	61219	3.40	cps
Selenium	82-1	5986	6183	6100	6090	1.62	cps
Selenium	77-2	240	273	220	244	11.02	cps
Selenium	78-2	794	736	790	773	4.19	cps
Silicon	28-1	6158430	6216589	6221173	6198731	0.56	cps
Silver	107-1	108131	112709	111668	110836	2.16	cps
Silver	109-1	101717	107870	105418	105002	2.95	cps
Sodium	23-2	194348	190852	186033	190411	2.19	cps
Strontium	86-1	2570243	2680483	2726035	2658920	3.01	cps
Strontium	88-1	21747408	22513253	23166372	22475678	3.16	cps
Sulfur	34-1	407564	404556	400897	404339	0.83	cps
Terbium	159-1	2737966	2908810	2924622	2857133	3.62	cps
Terbium	159-2	1571321	1532142	1402881	1502115	5.87	cps
Thallium	203-1	290557	301471	303389	298472	2.32	cps
Thallium	205-1	703389	732050	729803	721747	2.21	cps
Tin	118-1	192	317	175	228	33.99	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:08:09	DataFile Name :	017ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	325	242	269	17.86	cps
Uranium	238-1	83	92	100	92	9.09	cps
Vanadium	51-2	47258	46228	43961	45815	3.68	cps
Ytterbium	172-1	8	0	17	8	100.02	cps
Ytterbium	172-2	0	17	0	6	173.21	cps
Ytterbium	176-1	400	300	300	333	17.32	cps
Ytterbium	176-2	172	167	211	183	13.21	cps
Yttrium	89-1	3690908	3930130	3979421	3866820	3.99	cps
Yttrium	89-2	508041	505378	488410	500609	2.13	cps
Zinc	66-2	27747	27039	26422	27069	2.45	cps
Zirconium	90-1	292	208	333	278	22.91	cps
Zirconium	91-1	133	92	42	89	51.63	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:22:11	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	515	520	520	518	0.56	cps
Antimony	121-1	3826	3917	3984	3909	2.03	cps
Arsenic	75-2	63	82	74	73	13.07	cps
Barium	135-1	3667	3884	4317	3956	8.37	cps
Barium	137-1	6485	6910	6827	6741	3.34	cps
Beryllium	9-1	592	576	550	573	3.70	cps
Bismuth	209-1	1809874	1825197	1833803	1822958	0.66	cps
Bismuth	209-2	1007612	1025485	969895	1000997	2.84	cps
Boron	10-1	1340	1346	1514	1400	7.06	cps
Boron	11-1	5828	6388	6680	6299	6.88	cps
Bromine	81-1	1472	1341	1392	1402	4.68	cps
Cadmium	111-1	528	592	661	594	11.27	cps
Cadmium	106-1	983	1025	1167	1058	9.08	cps
Cadmium	108-1	33	25	38	32	19.92	cps
Calcium	43-1	2860	2931	2780	2857	2.65	cps
Calcium	44-1	98117	96545	95413	96692	1.40	cps
Carbon	12-1	2329568	2305889	2266056	2300504	1.40	cps
Carbon	12-2	29180	29772	29722	29558	1.11	cps
Chlorine	35-1	126029	125533	125332	125631	0.29	cps
Chlorine	35-2	1067	1192	1142	1133	5.55	cps
Chromium	52-2	2224	2247	2350	2274	2.97	cps
Cobalt	59-2	1013	890	1040	981	8.16	cps
Copper	63-2	1663	1643	1533	1613	4.34	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	17	42	28	45.82	cps
Erbium	164-2	20	7	17	14	48.02	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	2873556	2817502	2770293	2820451	1.83	cps
Holmium	165-2	1406808	1420965	1355126	1394300	2.49	cps
Indium	115-1	2396772	2373621	2373927	2381440	0.56	cps
Indium	115-2	409387	412904	395298	405863	2.30	cps
Iron	54-2	1956	1900	1689	1848	7.61	cps
Iron	56-2	27054	26497	25000	26184	4.06	cps
Iron	57-2	711	900	683	765	15.41	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:22:11	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1750	1860	1994	1868	6.52	cps
Lead	206-1	1772	1717	1639	1709	3.92	cps
Lead	207-1	1478	1595	1428	1500	5.70	cps
Lead	208-1	6756	6845	6845	6816	0.75	cps
Lithium	6-1	725534	726754	717347	723212	0.71	cps
Magnesium	24-2	21308	21750	21141	21399	1.47	cps
Manganese	55-2	344	408	321	357	12.62	cps
Molybdenum	94-1	4017	4034	3734	3928	4.29	cps
Molybdenum	95-1	4659	4793	4476	4643	3.43	cps
Molybdenum	96-1	5184	4784	5551	5173	7.42	cps
Molybdenum	97-1	2775	2842	2925	2848	2.64	cps
Molybdenum	98-1	7394	7544	7544	7494	1.16	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	367	373	350	363	3.31	cps
Phosphorus	31-2	150	142	108	133	16.53	cps
Potassium	39-2	36413	37048	34867	36110	3.11	cps
Rhodium	103-1	2448526	2450409	2418334	2439090	0.74	cps
Rhodium	103-2	1182318	1185039	1122165	1163174	3.06	cps
Scandium	45-1	1734971	1718545	1682220	1711912	1.58	cps
Scandium	45-2	59744	60182	56316	58747	3.60	cps
Selenium	82-1	273	184	52	170	65.42	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	46	52	51	50	6.48	cps
Silicon	28-1	6136551	6145079	6176485	6152705	0.34	cps
Silver	107-1	2359	2242	2375	2325	3.12	cps
Silver	109-1	2175	1992	2150	2106	4.72	cps
Sodium	23-2	68779	68528	68746	68684	0.20	cps
Strontium	86-1	3367	3375	3576	3439	3.43	cps
Strontium	88-1	5384	5143	4809	5112	5.65	cps
Sulfur	34-1	403286	406782	406344	405471	0.47	cps
Terbium	159-1	2973634	2951077	2927686	2950799	0.78	cps
Terbium	159-2	1503596	1431786	1371089	1435491	4.62	cps
Thallium	203-1	1784	1800	1617	1734	5.85	cps
Thallium	205-1	4042	4134	4109	4095	1.16	cps
Tin	118-1	6919	7377	7252	7183	3.30	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:22:11	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1909	1600	1617	1708	10.15	cps
Uranium	238-1	4534	4276	4834	4548	6.15	cps
Vanadium	51-2	2414	2327	2244	2328	3.65	cps
Ytterbium	172-1	8	0	8	6	86.60	cps
Ytterbium	172-2	6	0	0	2	173.21	cps
Ytterbium	176-1	317	225	333	292	20.00	cps
Ytterbium	176-2	117	150	189	152	23.80	cps
Yttrium	89-1	4027562	3959685	3960359	3982535	0.98	cps
Yttrium	89-2	488867	494283	471456	484869	2.46	cps
Zinc	66-2	440	460	439	446	2.69	cps
Zirconium	90-1	3242	3242	3584	3356	5.88	cps
Zirconium	91-1	733	758	700	731	4.01	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 15:28:15 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	187	229	194	203	10.93	cps
Antimony	121-1	25	75	50	50	50.00	cps
Arsenic	75-2	6	4	8	6	33.33	cps
Barium	135-1	0	33	8	14	124.91	cps
Barium	137-1	17	0	25	14	91.65	cps
Beryllium	9-1	8	10	8	9	13.32	cps
Bismuth	209-1	1920961	1905703	1872753	1899806	1.30	cps
Bismuth	209-2	1009475	971635	968539	983216	2.32	cps
Boron	10-1	728	706	706	713	1.78	cps
Boron	11-1	3122	2926	2990	3012	3.32	cps
Bromine	81-1	1392	1762	1382	1512	14.34	cps
Cadmium	111-1	155	179	175	170	7.43	cps
Cadmium	106-1	808	917	858	861	6.30	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Calcium	43-1	147	132	127	136	7.66	cps
Calcium	44-1	55453	56226	55998	55892	0.71	cps
Carbon	12-1	2602408	2669711	2647431	2639850	1.30	cps
Carbon	12-2	33514	33581	33840	33645	0.51	cps
Chlorine	35-1	127953	127937	125987	127292	0.89	cps
Chlorine	35-2	1133	1208	1092	1145	5.17	cps
Chromium	52-2	1030	1043	977	1017	3.47	cps
Cobalt	59-2	40	43	37	40	8.32	cps
Copper	63-2	153	170	183	169	8.90	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	42	8	33	66.15	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	50	50	25	42	34.64	cps
Gadolinium	160-2	10	7	23	13	66.12	cps
Holmium	165-1	2923569	2878513	2844037	2882040	1.38	cps
Holmium	165-2	1394521	1335131	1343448	1357700	2.37	cps
Indium	115-1	2450299	2402373	2430102	2427591	0.99	cps
Indium	115-2	403117	388604	391195	394306	1.96	cps
Iron	54-2	594	456	578	543	13.98	cps
Iron	56-2	2261	2339	2239	2280	2.30	cps
Iron	57-2	89	72	94	85	13.58	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:28:15	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1960	1823	1847	1877	3.90	cps
Lead	206-1	483	478	372	444	14.09	cps
Lead	207-1	444	378	356	393	11.78	cps
Lead	208-1	2022	1783	1700	1835	9.11	cps
Lithium	6-1	742327	743189	736484	740667	0.49	cps
Magnesium	24-2	250	300	267	272	9.35	cps
Manganese	55-2	84	58	74	72	18.67	cps
Molybdenum	94-1	75	100	125	100	25.00	cps
Molybdenum	95-1	8	25	0	11	114.58	cps
Molybdenum	96-1	100	50	92	81	33.25	cps
Molybdenum	97-1	25	8	8	14	69.31	cps
Molybdenum	98-1	33	8	25	22	57.29	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	80	63	72	11.62	cps
Phosphorus	31-2	108	100	150	119	22.43	cps
Potassium	39-2	20999	20732	21024	20918	0.77	cps
Rhodium	103-1	2472762	2494345	2461038	2476048	0.68	cps
Rhodium	103-2	1158377	1115693	1104526	1126199	2.52	cps
Scandium	45-1	1718155	1698781	1743911	1720282	1.32	cps
Scandium	45-2	58425	55574	56029	56676	2.70	cps
Selenium	82-1	-158	-6	6	-52	-174.17	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	25	26	28	26	5.80	cps
Silicon	28-1	6069076	6083835	6070623	6074511	0.13	cps
Silver	107-1	67	33	75	58	37.80	cps
Silver	109-1	17	58	8	28	96.44	cps
Sodium	23-2	29848	28729	27602	28726	3.91	cps
Strontium	86-1	2742	3300	2884	2975	9.76	cps
Strontium	88-1	250	200	192	214	14.75	cps
Sulfur	34-1	411573	412120	406756	410149	0.72	cps
Terbium	159-1	3029500	3038820	3015393	3027904	0.39	cps
Terbium	159-2	1406328	1360274	1352250	1372951	2.13	cps
Thallium	203-1	183	192	158	178	9.76	cps
Thallium	205-1	367	325	325	339	7.10	cps
Tin	118-1	158	100	108	122	25.81	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:28:15	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	233	108	192	37.65	cps
Uranium	238-1	8	25	17	17	50.01	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Ytterbium	172-1	17	8	17	14	34.67	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	317	367	233	306	22.04	cps
Ytterbium	176-2	156	194	161	170	12.34	cps
Yttrium	89-1	4014503	4036131	3995260	4015298	0.51	cps
Yttrium	89-2	478212	466161	466497	470290	1.46	cps
Zinc	66-2	164	154	141	153	7.28	cps
Zirconium	90-1	208	175	208	197	9.76	cps
Zirconium	91-1	17	58	50	42	52.91	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 15:31:19 DataFile Name : 022ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1441535	1534998	1493394	1489976	3.14	cps
Antimony	121-1	2225	2117	2075	2139	3.62	cps
Arsenic	75-2	19	24	26	23	15.68	cps
Barium	135-1	808	500	575	628	25.61	cps
Barium	137-1	983	858	967	936	7.25	cps
Beryllium	9-1	176	180	164	173	4.80	cps
Bismuth	209-1	1748773	1755025	1710441	1738080	1.39	cps
Bismuth	209-2	994330	1023971	1025461	1014587	1.73	cps
Boron	10-1	686	710	652	683	4.27	cps
Boron	11-1	2926	3070	3048	3014	2.57	cps
Bromine	81-1	1361	1622	1762	1582	12.85	cps
Cadmium	111-1	286	299	323	303	6.09	cps
Cadmium	106-1	808	842	933	861	7.52	cps
Cadmium	108-1	346	296	342	328	8.46	cps
Calcium	43-1	536330	535519	538646	536832	0.30	cps
Calcium	44-1	9011450	8998180	9095993	9035208	0.59	cps
Carbon	12-1	7090260	7202644	7225623	7172842	1.01	cps
Carbon	12-2	91241	93606	92180	92342	1.29	cps
Chlorine	35-1	3131153	3840780	4592287	3854740	18.96	cps
Chlorine	35-2	51843	57088	59698	56210	7.12	cps
Chromium	52-2	12486	13116	13136	12913	2.87	cps
Cobalt	59-2	1210	1273	1233	1239	2.59	cps
Copper	63-2	6258	6818	6488	6522	4.32	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	10	0	23	11	105.35	cps
Gadolinium	160-1	75	25	25	42	69.28	cps
Gadolinium	160-2	10	17	7	11	45.82	cps
Holmium	165-1	2832371	2786663	2770365	2796466	1.15	cps
Holmium	165-2	1417247	1448164	1476720	1447377	2.06	cps
Indium	115-1	2357127	2313098	2316689	2328971	1.05	cps
Indium	115-2	398355	414175	413370	408633	2.18	cps
Iron	54-2	2749741	2816701	2796579	2787673	1.23	cps
Iron	56-2	48500550	50796062	49340323	49545645	2.34	cps
Iron	57-2	1148844	1213786	1182989	1181873	2.75	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 15:31:19 DataFile Name : 022ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1853	1743	1880	1826	3.97	cps
Lead	206-1	6368	6429	6207	6335	1.81	cps
Lead	207-1	4829	5012	4929	4923	1.86	cps
Lead	208-1	23303	24393	23954	23883	2.30	cps
Lithium	6-1	753777	747582	747886	749749	0.47	cps
Magnesium	24-2	4119396	4290697	4194729	4201607	2.04	cps
Manganese	55-2	2064	2202	2365	2211	6.81	cps
Molybdenum	94-1	1020296	1029176	1040217	1029896	0.97	cps
Molybdenum	95-1	1886181	1890286	1901951	1892806	0.43	cps
Molybdenum	96-1	2024594	2035788	2048767	2036383	0.59	cps
Molybdenum	97-1	1119962	1106100	1114526	1113529	0.63	cps
Molybdenum	98-1	2999522	3016123	2978827	2998157	0.62	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1643	1643	1727	1671	2.88	cps
Phosphorus	31-2	91899	95320	93199	93473	1.85	cps
Potassium	39-2	3043574	3185111	3077887	3102191	2.38	cps
Rhodium	103-1	2371608	2354699	2302974	2343094	1.53	cps
Rhodium	103-2	1136991	1176444	1165718	1159718	1.76	cps
Scandium	45-1	1663772	1631009	1675156	1656646	1.38	cps
Scandium	45-2	57541	61156	59733	59477	3.06	cps
Selenium	82-1	-37	125	-87	0	-195531.15	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	33	27	28	29	10.96	cps
Silicon	28-1	6502778	6650511	6729101	6627463	1.73	cps
Silver	107-1	125	142	167	144	14.52	cps
Silver	109-1	150	100	133	128	19.93	cps
Sodium	23-2	7930411	8296697	8092543	8106550	2.26	cps
Strontium	86-1	21818	21993	21467	21759	1.23	cps
Strontium	88-1	158332	159016	160635	159327	0.74	cps
Sulfur	34-1	997900	977721	955633	977085	2.16	cps
Terbium	159-1	2905474	2982265	2937133	2941624	1.31	cps
Terbium	159-2	1418124	1559634	1472448	1483402	4.81	cps
Thallium	203-1	200	308	333	281	25.26	cps
Thallium	205-1	625	833	917	792	18.98	cps
Tin	118-1	383	475	333	397	18.09	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:31:19	DataFile Name :	022ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	549737	557739	550000	552492	0.82	cps
Uranium	238-1	92	83	100	92	9.09	cps
Vanadium	51-2	60	80	67	69	14.78	cps
Ytterbium	172-1	0	0	0	0	0.00	cps
Ytterbium	172-2	11	0	0	4	173.21	cps
Ytterbium	176-1	308	392	292	331	16.21	cps
Ytterbium	176-2	150	200	183	178	14.32	cps
Yttrium	89-1	3948287	3862006	3942712	3917668	1.23	cps
Yttrium	89-2	480991	496718	497974	491895	1.92	cps
Zinc	66-2	1605	1785	1694	1695	5.32	cps
Zirconium	90-1	242	200	267	236	14.26	cps
Zirconium	91-1	100	67	42	69	42.14	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 15:38:49 DataFile Name : 024ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1457215	1386094	1422028	1421779	2.50	cps
Antimony	121-1	41815	43135	42425	42459	1.56	cps
Arsenic	75-2	1463	1404	1321	1396	5.11	cps
Barium	135-1	8194	9353	8528	8692	6.86	cps
Barium	137-1	15267	15092	15751	15370	2.22	cps
Beryllium	9-1	12079	12153	12117	12116	0.31	cps
Bismuth	209-1	1868362	1852439	1864723	1861842	0.45	cps
Bismuth	209-2	1030851	976290	984105	997082	2.96	cps
Boron	10-1	688	746	622	685	9.05	cps
Boron	11-1	3110	3014	2912	3012	3.29	cps
Bromine	81-1	1732	1742	2152	1875	12.79	cps
Cadmium	111-1	9127	8944	9107	9060	1.11	cps
Cadmium	106-1	1834	1675	1767	1758	4.52	cps
Cadmium	108-1	858	908	863	876	3.17	cps
Calcium	43-1	544871	553801	558292	552321	1.24	cps
Calcium	44-1	9142996	9305920	9451470	9300129	1.66	cps
Carbon	12-1	8324531	8847549	9200317	8790799	5.01	cps
Carbon	12-2	115871	110556	113285	113237	2.35	cps
Chlorine	35-1	5967735	6968213	7640629	6858859	12.27	cps
Chlorine	35-2	77365	77450	82318	79044	3.59	cps
Chromium	52-2	24685	23439	23700	23941	2.74	cps
Cobalt	59-2	21750	20986	20632	21122	2.71	cps
Copper	63-2	23076	22127	21997	22400	2.63	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	25	0	19	89.21	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	33	0	25	19	89.21	cps
Gadolinium	160-2	7	0	13	7	99.98	cps
Holmium	165-1	2972424	3043509	2997747	3004560	1.20	cps
Holmium	165-2	1446917	1381126	1401384	1409809	2.39	cps
Indium	115-1	2523299	2508411	2484416	2505376	0.78	cps
Indium	115-2	408231	394267	395444	399314	1.94	cps
Iron	54-2	2720062	2581853	2617037	2639651	2.72	cps
Iron	56-2	48780846	46050832	46435507	47089061	3.14	cps
Iron	57-2	1167018	1107074	1111584	1128559	2.96	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:38:49	DataFile Name :	024ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1850	1837	1723	1803	3.86	cps
Lead	206-1	31951	32619	32062	32211	1.11	cps
Lead	207-1	26700	26923	27279	26967	1.08	cps
Lead	208-1	123026	123549	124717	123764	0.70	cps
Lithium	6-1	836741	838436	848544	841240	0.76	cps
Magnesium	24-2	4200980	3989678	3985925	4058861	3.03	cps
Manganese	55-2	8274	7935	7798	8002	3.06	cps
Molybdenum	94-1	1049765	1063314	1054719	1055933	0.65	cps
Molybdenum	95-1	1893837	1959726	1949496	1934353	1.83	cps
Molybdenum	96-1	2042784	2099990	2052134	2064969	1.49	cps
Molybdenum	97-1	1135974	1158457	1145980	1146804	0.98	cps
Molybdenum	98-1	3143688	3131700	3039937	3105108	1.83	cps
Neodymium	150-1	20	33	7	20	66.65	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	7595	6915	7145	7219	4.79	cps
Phosphorus	31-2	92997	86105	87706	88936	4.06	cps
Potassium	39-2	3103501	2899568	2944992	2982687	3.59	cps
Rhodium	103-1	2527704	2487670	2467782	2494385	1.22	cps
Rhodium	103-2	1186649	1131551	1146561	1154920	2.47	cps
Scandium	45-1	1814195	1771446	1774760	1786800	1.33	cps
Scandium	45-2	61434	57789	58927	59383	3.14	cps
Selenium	82-1	592	526	753	624	18.72	cps
Selenium	77-2	10	13	10	11	17.30	cps
Selenium	78-2	87	77	115	93	21.18	cps
Silicon	28-1	6770313	6810057	6824587	6801652	0.41	cps
Silver	107-1	42341	45383	46387	44704	4.71	cps
Silver	109-1	42984	42876	42433	42764	0.68	cps
Sodium	23-2	7971185	7580197	7754061	7768481	2.52	cps
Strontium	86-1	21984	22727	22502	22405	1.70	cps
Strontium	88-1	165836	165904	166761	166167	0.31	cps
Sulfur	34-1	964950	950195	939205	951450	1.36	cps
Terbium	159-1	3129954	3116228	3184605	3143596	1.15	cps
Terbium	159-2	1537425	1405889	1398795	1447370	5.39	cps
Thallium	203-1	31046	31890	32658	31865	2.53	cps
Thallium	205-1	75067	77205	74573	75615	1.85	cps
Tin	118-1	442	583	425	483	18.00	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:38:49	DataFile Name :	024ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	566109	573381	565708	568399	0.76	cps
Uranium	238-1	100	125	58	94	35.66	cps
Vanadium	51-2	8873	8486	8683	8680	2.23	cps
Ytterbium	172-1	8	17	8	11	43.34	cps
Ytterbium	172-2	17	11	0	9	91.66	cps
Ytterbium	176-1	342	367	233	314	22.58	cps
Ytterbium	176-2	228	94	172	165	40.63	cps
Yttrium	89-1	4227442	4138480	4201045	4188989	1.09	cps
Yttrium	89-2	496864	473396	476451	482237	2.65	cps
Zinc	66-2	5312	4919	4986	5072	4.15	cps
Zirconium	90-1	367	292	408	356	16.63	cps
Zirconium	91-1	117	75	58	83	36.06	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:50:59	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	761414	759844	759239	760166	0.15	cps
Antimony	121-1	954829	980609	988132	974523	1.79	cps
Arsenic	75-2	36574	36394	36605	36524	0.31	cps
Barium	135-1	972883	1002757	1002463	992701	1.73	cps
Barium	137-1	1739506	1840906	1828997	1803136	3.07	cps
Beryllium	9-1	278753	282183	289625	283520	1.96	cps
Bismuth	209-1	1724362	1767754	1775156	1755758	1.56	cps
Bismuth	209-2	1029109	1027109	1020761	1025659	0.42	cps
Boron	10-1	21523	22975	24724	23074	6.94	cps
Boron	11-1	92463	99861	107581	99969	7.56	cps
Bromine	81-1	1472	1381	1532	1462	5.17	cps
Cadmium	111-1	201566	209310	212489	207788	2.70	cps
Cadmium	106-1	21960	22102	23170	22410	2.95	cps
Cadmium	108-1	15159	15626	15851	15545	2.27	cps
Calcium	43-1	1403495	1431038	1450831	1428454	1.66	cps
Calcium	44-1	22657732	22897752	23186469	22913984	1.16	cps
Carbon	12-1	2732654	2721152	2716995	2723600	0.30	cps
Carbon	12-2	36554	37482	36437	36825	1.55	cps
Chlorine	35-1	875173	857884	867049	866702	1.00	cps
Chlorine	35-2	7727	7444	6969	7380	5.20	cps
Chromium	52-2	300149	301004	303778	301644	0.63	cps
Cobalt	59-2	513058	510015	510221	511098	0.33	cps
Copper	63-2	4204871	4207269	4134013	4182051	1.00	cps
Dysprosium	156-1	267	217	258	247	10.83	cps
Dysprosium	156-2	107	150	133	130	16.81	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	30	17	30	26	30.11	cps
Gadolinium	160-1	250	225	250	242	5.97	cps
Gadolinium	160-2	110	197	187	164	28.83	cps
Holmium	165-1	2861438	2783009	2886634	2843693	1.90	cps
Holmium	165-2	1475975	1467849	1461825	1468550	0.48	cps
Indium	115-1	2277718	2298915	2387264	2321299	2.50	cps
Indium	115-2	413107	412183	414740	413343	0.31	cps
Iron	54-2	3492606	3482825	3445432	3473621	0.72	cps
Iron	56-2	61934189	62891057	63242436	62689227	1.08	cps
Iron	57-2	1594723	1581372	1614004	1596700	1.03	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:50:59	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1760	1817	1743	1773	2.17	cps
Lead	206-1	3259616	3406645	3478440	3381567	3.30	cps
Lead	207-1	2967222	2952446	3059804	2993157	1.94	cps
Lead	208-1	13246253	13361834	13736645	13448244	1.91	cps
Lithium	6-1	720862	730608	754310	735260	2.34	cps
Magnesium	24-2	11312248	11096152	11128974	11179125	1.04	cps
Manganese	55-2	1556468	1555580	1548053	1553367	0.30	cps
Molybdenum	94-1	2004257	2035085	2086502	2041948	2.03	cps
Molybdenum	95-1	2496983	2631023	2608436	2578814	2.78	cps
Molybdenum	96-1	2763536	2845638	2887273	2832149	2.22	cps
Molybdenum	97-1	1563758	1571365	1585843	1573655	0.71	cps
Molybdenum	98-1	4008898	4134773	4139809	4094493	1.81	cps
Neodymium	150-1	40	33	40	38	10.19	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	143610	144350	145138	144366	0.53	cps
Phosphorus	31-2	10412	9937	10612	10321	3.36	cps
Potassium	39-2	4040687	3955927	3994809	3997141	1.06	cps
Rhodium	103-1	2286132	2318258	2370825	2325072	1.84	cps
Rhodium	103-2	1176732	1190253	1171523	1179503	0.82	cps
Scandium	45-1	1653678	1650166	1714418	1672754	2.16	cps
Scandium	45-2	61872	61343	61896	61704	0.51	cps
Selenium	82-1	14132	14241	14807	14393	2.52	cps
Selenium	77-2	520	573	500	531	7.14	cps
Selenium	78-2	1808	1774	1826	1803	1.47	cps
Silicon	28-1	7356062	7406921	7321780	7361588	0.58	cps
Silver	107-1	1105526	1114466	1157181	1125725	2.45	cps
Silver	109-1	1040281	1077546	1092044	1069957	2.50	cps
Sodium	23-2	20730931	20722515	20445764	20633070	0.79	cps
Strontium	86-1	2831171	2867874	2977771	2892272	2.64	cps
Strontium	88-1	23705581	24158705	24785298	24216528	2.24	cps
Sulfur	34-1	459325	461248	459403	459992	0.24	cps
Terbium	159-1	2858112	2957097	3024187	2946465	2.84	cps
Terbium	159-2	1593226	1479502	1474409	1515712	4.43	cps
Thallium	203-1	725147	744422	756057	741875	2.10	cps
Thallium	205-1	1830709	1911723	1952104	1898179	3.26	cps
Tin	118-1	677011	688481	704671	690054	2.01	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:50:59	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	678581	690234	701934	690250	1.69	cps
Uranium	238-1	2516140	2617233	2612781	2582051	2.21	cps
Vanadium	51-2	236847	237425	237432	237235	0.14	cps
Ytterbium	172-1	17	25	17	19	24.73	cps
Ytterbium	172-2	22	0	6	9	124.87	cps
Ytterbium	176-1	317	333	367	339	7.51	cps
Ytterbium	176-2	144	194	194	178	16.24	cps
Yttrium	89-1	3894357	3844753	4086804	3941971	3.24	cps
Yttrium	89-2	503724	500765	503111	502533	0.31	cps
Zinc	66-2	704771	711492	702653	706305	0.65	cps
Zirconium	90-1	1607971	1612010	1645505	1621829	1.27	cps
Zirconium	91-1	337148	340741	354190	344026	2.61	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 15:57:31 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214	196	187	199	6.71	cps
Antimony	121-1	83	125	133	114	23.52	cps
Arsenic	75-2	6	4	3	4	35.25	cps
Barium	135-1	58	125	50	78	52.85	cps
Barium	137-1	8	192	158	119	81.76	cps
Beryllium	9-1	26	40	24	30	29.05	cps
Bismuth	209-1	1894210	1749378	1748448	1797345	4.67	cps
Bismuth	209-2	997244	1011468	1051011	1019908	2.73	cps
Boron	10-1	1450	1430	1398	1426	1.84	cps
Boron	11-1	6118	6248	6132	6166	1.16	cps
Bromine	81-1	1402	1271	1432	1368	6.22	cps
Cadmium	111-1	211	200	203	205	2.66	cps
Cadmium	106-1	917	775	817	836	8.71	cps
Cadmium	108-1	8	13	21	14	45.83	cps
Calcium	43-1	140	176	182	166	13.80	cps
Calcium	44-1	55873	60259	62160	59431	5.43	cps
Carbon	12-1	2698889	2693626	2678146	2690220	0.40	cps
Carbon	12-2	33806	34073	33931	33937	0.39	cps
Chlorine	35-1	555216	540482	548124	547941	1.34	cps
Chlorine	35-2	4793	4968	5001	4920	2.28	cps
Chromium	52-2	987	1007	1100	1031	5.87	cps
Cobalt	59-2	30	33	37	33	10.01	cps
Copper	63-2	237	223	223	228	3.38	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	0	17	19	107.85	cps
Erbium	164-2	10	13	27	17	52.93	cps
Gadolinium	160-1	42	17	0	19	107.85	cps
Gadolinium	160-2	3	10	20	11	75.52	cps
Holmium	165-1	2910709	2794350	2740104	2815054	3.10	cps
Holmium	165-2	1385631	1418453	1454608	1419564	2.43	cps
Indium	115-1	2414394	2285234	2375490	2358373	2.81	cps
Indium	115-2	401065	413869	422174	412369	2.58	cps
Iron	54-2	556	522	544	541	3.14	cps
Iron	56-2	2606	2428	2317	2450	5.95	cps
Iron	57-2	72	100	89	87	16.06	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:57:31	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1833	1870	1777	1827	2.57	cps
Lead	206-1	828	1139	850	939	18.49	cps
Lead	207-1	772	883	728	794	10.09	cps
Lead	208-1	3495	4084	3300	3626	11.25	cps
Lithium	6-1	750889	716537	725021	730816	2.45	cps
Magnesium	24-2	342	383	392	372	7.20	cps
Manganese	55-2	81	97	67	82	18.35	cps
Molybdenum	94-1	142	258	217	206	28.76	cps
Molybdenum	95-1	117	192	83	131	42.50	cps
Molybdenum	96-1	200	250	192	214	14.75	cps
Molybdenum	97-1	100	167	133	133	25.00	cps
Molybdenum	98-1	158	158	133	150	9.62	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	57	50	40	49	17.16	cps
Phosphorus	31-2	125	108	100	111	11.46	cps
Potassium	39-2	22409	22418	23010	22613	1.52	cps
Rhodium	103-1	2476305	2318720	2395177	2396734	3.29	cps
Rhodium	103-2	1156310	1180376	1209157	1181948	2.24	cps
Scandium	45-1	1717708	1621651	1632854	1657404	3.17	cps
Scandium	45-2	58060	59158	60242	59153	1.84	cps
Selenium	82-1	57	-54	228	77	184.61	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	22	21	23	22	4.55	cps
Silicon	28-1	6645358	6502348	6434923	6527543	1.65	cps
Silver	107-1	92	92	58	81	23.89	cps
Silver	109-1	75	33	58	56	37.75	cps
Sodium	23-2	37273	36663	36780	36906	0.88	cps
Strontium	86-1	3067	3117	3217	3134	2.44	cps
Strontium	88-1	333	1351	784	823	61.98	cps
Sulfur	34-1	402268	397960	395283	398503	0.88	cps
Terbium	159-1	3038566	2919871	2960597	2973011	2.03	cps
Terbium	159-2	1410491	1431567	1539579	1460546	4.74	cps
Thallium	203-1	350	308	383	347	10.82	cps
Thallium	205-1	800	1058	892	917	14.29	cps
Tin	118-1	550	192	92	278	86.79	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 15:57:31	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	267	242	242	10.34	cps
Uranium	238-1	92	158	50	100	54.65	cps
Vanadium	51-2	17	10	3	10	66.70	cps
Ytterbium	172-1	0	42	0	14	173.21	cps
Ytterbium	172-2	0	0	6	2	173.21	cps
Ytterbium	176-1	283	308	150	247	34.43	cps
Ytterbium	176-2	106	111	122	113	7.51	cps
Yttrium	89-1	4061492	3905245	3887334	3951357	2.42	cps
Yttrium	89-2	482277	489780	504189	492082	2.26	cps
Zinc	66-2	180	190	193	188	3.57	cps
Zirconium	90-1	200	308	308	272	22.98	cps
Zirconium	91-1	42	92	58	64	39.85	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 16:03:35 DataFile Name : 030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	554	524	506	528	4.55	cps
Antimony	121-1	4017	4201	4551	4256	6.37	cps
Arsenic	75-2	83	82	75	80	5.45	cps
Barium	135-1	4251	3834	4101	4062	5.20	cps
Barium	137-1	7452	7394	7527	7458	0.90	cps
Beryllium	9-1	608	664	578	617	7.08	cps
Bismuth	209-1	1550412	1781560	1932543	1754838	10.97	cps
Bismuth	209-2	1050225	1041939	1009087	1033750	2.10	cps
Boron	10-1	1824	1980	2068	1957	6.31	cps
Boron	11-1	7604	8115	8797	8172	7.32	cps
Bromine	81-1	1251	1231	1502	1328	11.34	cps
Cadmium	111-1	575	533	617	575	7.28	cps
Cadmium	106-1	750	825	983	853	13.97	cps
Cadmium	108-1	71	33	13	39	76.01	cps
Calcium	43-1	2951	2967	2919	2946	0.84	cps
Calcium	44-1	104236	102286	102194	102906	1.12	cps
Carbon	12-1	2392763	2419265	2385223	2399083	0.75	cps
Carbon	12-2	30357	30758	29539	30218	2.06	cps
Chlorine	35-1	429603	430916	428726	429748	0.26	cps
Chlorine	35-2	3509	3726	4159	3798	8.72	cps
Chromium	52-2	2340	2344	2334	2339	0.22	cps
Cobalt	59-2	1250	1063	987	1100	12.31	cps
Copper	63-2	1817	1997	1730	1848	7.36	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	20	3	7	10	88.20	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	2599603	2792776	2929556	2773978	5.98	cps
Holmium	165-2	1442999	1445932	1382704	1423878	2.51	cps
Indium	115-1	2229368	2364047	2485125	2359514	5.42	cps
Indium	115-2	423407	423497	410089	418998	1.84	cps
Iron	54-2	1950	2139	1967	2019	5.18	cps
Iron	56-2	27755	27733	27109	27532	1.33	cps
Iron	57-2	772	844	750	789	6.26	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:03:35	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1817	1917	1833	1856	2.89	cps
Lead	206-1	2089	2095	1695	1959	11.71	cps
Lead	207-1	1578	1689	1639	1635	3.40	cps
Lead	208-1	7345	8129	7646	7707	5.13	cps
Lithium	6-1	680343	732463	760882	724563	5.64	cps
Magnesium	24-2	23411	23119	22067	22866	3.09	cps
Manganese	55-2	422	385	376	394	6.12	cps
Molybdenum	94-1	3742	3992	4034	3923	4.02	cps
Molybdenum	95-1	4543	5101	4859	4834	5.79	cps
Molybdenum	96-1	5243	5268	5360	5290	1.16	cps
Molybdenum	97-1	2817	2817	3200	2945	7.52	cps
Molybdenum	98-1	7886	8394	7511	7930	5.59	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	320	413	383	372	12.80	cps
Phosphorus	31-2	125	133	150	136	9.35	cps
Potassium	39-2	37808	38101	37708	37872	0.54	cps
Rhodium	103-1	2259929	2427885	2497957	2395257	5.11	cps
Rhodium	103-2	1210820	1216631	1181200	1202884	1.58	cps
Scandium	45-1	1570933	1654285	1747623	1657614	5.33	cps
Scandium	45-2	61005	61718	58974	60566	2.35	cps
Selenium	82-1	267	101	253	207	44.64	cps
Selenium	77-2	13	7	7	9	43.25	cps
Selenium	78-2	46	31	43	40	19.84	cps
Silicon	28-1	6449303	6450741	6469854	6456632	0.18	cps
Silver	107-1	2409	2550	2517	2492	2.97	cps
Silver	109-1	2084	2384	2467	2311	8.72	cps
Sodium	23-2	72640	72237	71576	72151	0.74	cps
Strontium	86-1	3517	3576	3292	3462	4.32	cps
Strontium	88-1	5284	5285	4926	5165	4.01	cps
Sulfur	34-1	401145	399212	403177	401178	0.49	cps
Terbium	159-1	2696443	2953344	3061159	2903649	6.45	cps
Terbium	159-2	1466871	1466829	1431845	1455182	1.39	cps
Thallium	203-1	1708	1650	1992	1784	10.25	cps
Thallium	205-1	4217	4418	4251	4295	2.50	cps
Tin	118-1	7402	7436	7661	7499	1.88	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:03:35	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1650	1792	1800	1747	4.83	cps
Uranium	238-1	5009	4343	4893	4748	7.50	cps
Vanadium	51-2	2434	2420	2350	2401	1.86	cps
Ytterbium	172-1	17	17	0	11	86.60	cps
Ytterbium	172-2	0	0	6	2	173.21	cps
Ytterbium	176-1	267	292	350	303	14.12	cps
Ytterbium	176-2	111	139	183	144	25.22	cps
Yttrium	89-1	3613640	3924044	4092906	3876863	6.27	cps
Yttrium	89-2	509141	505596	488167	500968	2.24	cps
Zinc	66-2	518	508	482	503	3.64	cps
Zirconium	90-1	3392	3509	3300	3401	3.07	cps
Zirconium	91-1	842	700	708	750	10.60	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : PB136049BL Instrumnet Name : P8
 Client Sample ID : PB136049BL Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 16:06:37 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221	224	230	225	2.00	cps
Antimony	121-1	58	42	67	56	22.91	cps
Arsenic	75-2	5	8	7	7	22.91	cps
Barium	135-1	17	0	0	6	173.21	cps
Barium	137-1	25	33	33	31	15.74	cps
Beryllium	9-1	12	18	18	16	21.65	cps
Bismuth	209-1	1862082	1884214	1869457	1871918	0.60	cps
Bismuth	209-2	1011695	1011066	1003202	1008654	0.47	cps
Boron	10-1	918	928	874	907	3.17	cps
Boron	11-1	4086	3772	3644	3834	5.93	cps
Bromine	81-1	1351	1271	1562	1395	10.75	cps
Cadmium	111-1	206	218	177	200	10.41	cps
Cadmium	106-1	983	1033	908	975	6.45	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	170	134	166	157	12.73	cps
Calcium	44-1	52761	55701	58356	55606	5.03	cps
Carbon	12-1	2672184	2755357	2721640	2716394	1.54	cps
Carbon	12-2	35034	35168	34900	35034	0.38	cps
Chlorine	35-1	405220	406840	403407	405156	0.42	cps
Chlorine	35-2	3792	3626	3559	3659	3.29	cps
Chromium	52-2	1000	1027	1047	1024	2.29	cps
Cobalt	59-2	20	30	50	33	45.83	cps
Copper	63-2	233	203	203	213	8.12	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	8	11	43.34	cps
Erbium	164-2	17	0	7	8	107.84	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	2839407	2941747	2936990	2906048	1.99	cps
Holmium	165-2	1394968	1398123	1398813	1397301	0.15	cps
Indium	115-1	2456355	2462283	2477723	2465453	0.45	cps
Indium	115-2	407411	414493	407263	409722	1.01	cps
Iron	54-2	561	611	467	546	13.43	cps
Iron	56-2	2456	2289	2539	2428	5.24	cps
Iron	57-2	67	100	144	104	37.63	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049BL	Instrumnet Name :	P8
Client Sample ID :	PB136049BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:06:37	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1737	1823	1860	1807	3.51	cps
Lead	206-1	578	567	667	604	9.08	cps
Lead	207-1	372	550	611	511	24.28	cps
Lead	208-1	2217	2311	2545	2358	7.16	cps
Lithium	6-1	746827	746764	746481	746691	0.02	cps
Magnesium	24-2	217	292	325	278	19.98	cps
Manganese	55-2	90	111	61	87	28.56	cps
Molybdenum	94-1	125	92	150	122	23.95	cps
Molybdenum	95-1	58	42	33	44	28.64	cps
Molybdenum	96-1	125	150	75	117	32.74	cps
Molybdenum	97-1	50	25	8	28	75.51	cps
Molybdenum	98-1	117	50	67	78	44.61	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	73	57	70	67	13.22	cps
Phosphorus	31-2	225	200	158	194	17.32	cps
Potassium	39-2	22009	20991	21383	21461	2.39	cps
Rhodium	103-1	2529004	2508637	2536347	2524663	0.57	cps
Rhodium	103-2	1168205	1192140	1188801	1183049	1.10	cps
Scandium	45-1	1704611	1716150	1752283	1724348	1.44	cps
Scandium	45-2	59907	59452	58880	59413	0.87	cps
Selenium	82-1	74	17	-8	28	151.61	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	32	26	26	28	12.37	cps
Silicon	28-1	6469255	6424468	6405784	6433169	0.51	cps
Silver	107-1	50	25	58	44	39.03	cps
Silver	109-1	58	33	42	44	28.64	cps
Sodium	23-2	31768	31351	31159	31426	0.99	cps
Strontium	86-1	2834	3209	2775	2939	8.00	cps
Strontium	88-1	267	233	150	217	27.73	cps
Sulfur	34-1	400459	400008	403062	401176	0.41	cps
Terbium	159-1	3037859	3078857	3056046	3057587	0.67	cps
Terbium	159-2	1408079	1422628	1416232	1415646	0.52	cps
Thallium	203-1	200	242	167	203	18.53	cps
Thallium	205-1	600	567	383	517	22.58	cps
Tin	118-1	117	117	92	108	13.32	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049BL	Instrumnet Name :	P8
Client Sample ID :	PB136049BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:06:37	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150	200	233	194	21.57	cps
Uranium	238-1	42	8	0	17	132.30	cps
Vanadium	51-2	10	10	20	13	43.30	cps
Ytterbium	172-1	8	0	0	3	173.21	cps
Ytterbium	172-2	0	0	17	6	173.21	cps
Ytterbium	176-1	200	225	308	244	23.21	cps
Ytterbium	176-2	106	161	156	141	21.74	cps
Yttrium	89-1	4189532	4202986	4159746	4184088	0.53	cps
Yttrium	89-2	487573	496395	487045	490338	1.07	cps
Zinc	66-2	183	219	172	191	12.66	cps
Zirconium	90-1	225	333	242	267	21.88	cps
Zirconium	91-1	50	33	58	47	26.97	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : PB136049BS Instrumnet Name : P8
 Client Sample ID : PB136049BS Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 16:09:40 DataFile Name : 032LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	152670	154044	160880	155865	2.82	cps
Antimony	121-1	1021506	993772	1005830	1007036	1.38	cps
Arsenic	75-2	36779	37017	38779	37525	2.91	cps
Barium	135-1	1030072	1013384	1018232	1020563	0.84	cps
Barium	137-1	1901153	1823639	1817560	1847451	2.52	cps
Beryllium	9-1	286142	277988	277443	280524	1.74	cps
Bismuth	209-1	1862605	1793230	1818281	1824706	1.93	cps
Bismuth	209-2	1023003	1031927	1077660	1044197	2.81	cps
Boron	10-1	17433	18734	20238	18802	7.47	cps
Boron	11-1	78416	82131	88894	83147	6.39	cps
Bromine	81-1	1251	1602	1722	1525	16.03	cps
Cadmium	111-1	224643	218013	217546	220067	1.80	cps
Cadmium	106-1	25199	24180	23637	24339	3.26	cps
Cadmium	108-1	16644	15776	16276	16232	2.68	cps
Calcium	43-1	299948	290270	291173	293797	1.82	cps
Calcium	44-1	4897529	4857958	4880691	4878726	0.41	cps
Carbon	12-1	2811548	2828085	2887425	2842353	1.40	cps
Carbon	12-2	36697	36747	37431	36958	1.11	cps
Chlorine	35-1	374588	370405	370438	371811	0.65	cps
Chlorine	35-2	3409	3292	3434	3378	2.24	cps
Chromium	52-2	302583	302429	312381	305798	1.86	cps
Cobalt	59-2	519776	523378	545470	529541	2.63	cps
Copper	63-2	4294685	4327595	4472889	4365056	2.17	cps
Dysprosium	156-1	58	33	33	42	34.64	cps
Dysprosium	156-2	13	23	23	20	28.87	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	108	133	92	111	18.88	cps
Gadolinium	160-2	27	43	53	41	32.76	cps
Holmium	165-1	2941042	2822115	2881859	2881672	2.06	cps
Holmium	165-2	1453024	1460600	1513627	1475750	2.24	cps
Indium	115-1	2543356	2423265	2378547	2448389	3.48	cps
Indium	115-2	414898	418294	437173	423455	2.83	cps
Iron	54-2	696063	688339	719010	701137	2.28	cps
Iron	56-2	13104873	12949204	13523295	13192458	2.25	cps
Iron	57-2	308155	312287	322488	314310	2.35	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049BS	Instrumnet Name :	P8
Client Sample ID :	PB136049BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:09:40	DataFile Name :	032LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1840	1943	1880	1888	2.76	cps
Lead	206-1	3571816	3381766	3463139	3472240	2.75	cps
Lead	207-1	3116941	3018445	3009996	3048460	1.95	cps
Lead	208-1	14040025	13432556	13682110	13718231	2.23	cps
Lithium	6-1	762977	727958	739208	743381	2.41	cps
Magnesium	24-2	2252700	2240939	2351102	2281580	2.65	cps
Manganese	55-2	1589232	1559817	1649088	1599379	2.84	cps
Molybdenum	94-1	2126175	2061355	2039482	2075671	2.17	cps
Molybdenum	95-1	2681304	2570189	2608484	2619992	2.15	cps
Molybdenum	96-1	2979922	2905790	2915429	2933714	1.37	cps
Molybdenum	97-1	1629243	1621186	1642385	1630938	0.66	cps
Molybdenum	98-1	4196663	4135992	4134887	4155847	0.85	cps
Neodymium	150-1	47	40	20	36	39.03	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	147883	148711	153508	150034	2.02	cps
Phosphorus	31-2	9537	9870	9929	9779	2.16	cps
Potassium	39-2	807499	817549	859944	828331	3.36	cps
Rhodium	103-1	2516322	2424804	2452959	2464695	1.90	cps
Rhodium	103-2	1192165	1196387	1251481	1213345	2.73	cps
Scandium	45-1	1787335	1714986	1709917	1737412	2.49	cps
Scandium	45-2	60670	61287	64082	62013	2.93	cps
Selenium	82-1	15473	14791	14958	15074	2.36	cps
Selenium	77-2	440	550	600	530	15.44	cps
Selenium	78-2	1932	1888	1897	1906	1.22	cps
Silicon	28-1	6868276	6874018	6931557	6891283	0.51	cps
Silver	107-1	1200815	1164896	1166624	1177445	1.72	cps
Silver	109-1	1132731	1085878	1128646	1115752	2.33	cps
Sodium	23-2	4083651	4251715	4319913	4218427	2.88	cps
Strontium	86-1	3033840	2938696	2927607	2966714	1.97	cps
Strontium	88-1	25974355	24843740	25133913	25317336	2.32	cps
Sulfur	34-1	477068	469622	458217	468302	2.03	cps
Terbium	159-1	3099002	2969083	3036898	3034994	2.14	cps
Terbium	159-2	1447509	1477240	1634471	1519740	6.61	cps
Thallium	203-1	786359	756163	771024	771182	1.96	cps
Thallium	205-1	1979216	1918726	1920531	1939491	1.77	cps
Tin	118-1	736459	713127	704566	718051	2.30	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049BS	Instrumnet Name :	P8
Client Sample ID :	PB136049BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:09:40	DataFile Name :	032LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	727341	709933	720342	719205	1.22	cps
Uranium	238-1	2614408	2562477	2556023	2577636	1.24	cps
Vanadium	51-2	236547	240292	246546	241128	2.10	cps
Ytterbium	172-1	25	8	25	19	49.50	cps
Ytterbium	172-2	0	0	0	0	0.00	cps
Ytterbium	176-1	308	283	317	303	5.73	cps
Ytterbium	176-2	117	111	139	122	12.03	cps
Yttrium	89-1	4228807	3985852	4098629	4104430	2.96	cps
Yttrium	89-2	501231	506809	530187	512742	3.00	cps
Zinc	66-2	721876	723650	758290	734605	2.79	cps
Zirconium	90-1	1719470	1617515	1637705	1658230	3.26	cps
Zirconium	91-1	365214	348879	348367	354153	2.71	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : M2175-01DLX10 Instrumnet Name : P8
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 10
 Date & Time Acquired :: 2021-05-03 16:17:07 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112950	109435	109161	110516	1.91	cps
Antimony	121-1	142	317	317	258	39.11	cps
Arsenic	75-2	26	30	45	34	29.75	cps
Barium	135-1	4301	4751	4459	4504	5.07	cps
Barium	137-1	8161	7777	8028	7989	2.44	cps
Beryllium	9-1	76	86	74	79	8.17	cps
Bismuth	209-1	1814805	1822641	1837508	1824985	0.63	cps
Bismuth	209-2	1010135	1011264	1003692	1008364	0.41	cps
Boron	10-1	9521	11026	11456	10668	9.52	cps
Boron	11-1	42457	48107	51581	47382	9.72	cps
Bromine	81-1	2253	1792	1972	2006	11.57	cps
Cadmium	111-1	257	195	225	226	13.86	cps
Cadmium	106-1	1008	767	967	914	14.14	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	175268	177740	180171	177726	1.38	cps
Calcium	44-1	3038931	3104140	3132063	3091712	1.55	cps
Carbon	12-1	2557734	2554269	2595225	2569076	0.88	cps
Carbon	12-2	32353	31727	32712	32264	1.55	cps
Chlorine	35-1	7708817	10219055	11891192	9939688	21.18	cps
Chlorine	35-2	131595	141967	150721	141428	6.77	cps
Chromium	52-2	2267	2147	2290	2235	3.44	cps
Cobalt	59-2	14885	14721	15125	14910	1.36	cps
Copper	63-2	31291	30429	30750	30823	1.41	cps
Dysprosium	156-1	3892	3559	3801	3751	4.59	cps
Dysprosium	156-2	2087	2017	1910	2005	4.44	cps
Erbium	164-1	4884	4959	5251	5032	3.85	cps
Erbium	164-2	2537	2577	2317	2477	5.65	cps
Gadolinium	160-1	4334	4184	4192	4237	1.99	cps
Gadolinium	160-2	2434	2430	2660	2508	5.26	cps
Holmium	165-1	2814464	2831412	2856988	2834288	0.76	cps
Holmium	165-2	1410522	1401717	1415385	1409208	0.49	cps
Indium	115-1	2425910	2413672	2420974	2420185	0.25	cps
Indium	115-2	407414	409843	409169	408809	0.31	cps
Iron	54-2	582934	581759	585789	583494	0.36	cps
Iron	56-2	11396085	11183092	11172084	11250420	1.12	cps
Iron	57-2	266453	266114	267461	266676	0.26	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:17:07	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2080	1750	1927	1919	8.61	cps
Lead	206-1	1589	1622	1600	1604	1.06	cps
Lead	207-1	1456	1317	1239	1337	8.21	cps
Lead	208-1	6484	6190	6112	6262	3.14	cps
Lithium	6-1	741935	748832	757087	749285	1.01	cps
Magnesium	24-2	286392	279643	277083	281039	1.71	cps
Manganese	55-2	136918	134516	133208	134880	1.40	cps
Molybdenum	94-1	242	258	192	231	15.05	cps
Molybdenum	95-1	75	100	83	86	14.78	cps
Molybdenum	96-1	225	225	167	206	16.39	cps
Molybdenum	97-1	25	33	83	47	66.82	cps
Molybdenum	98-1	108	75	100	94	18.37	cps
Neodymium	150-1	4094	4361	4234	4230	3.15	cps
Neodymium	150-2	1733	1743	1710	1729	0.99	cps
Nickel	60-2	2707	2680	2627	2671	1.53	cps
Phosphorus	31-2	367	325	300	331	10.19	cps
Potassium	39-2	31902	31159	30859	31307	1.72	cps
Rhodium	103-1	2467645	2470383	2446575	2461534	0.53	cps
Rhodium	103-2	1163268	1177243	1194513	1178342	1.33	cps
Scandium	45-1	1682670	1725749	1714101	1707507	1.31	cps
Scandium	45-2	58351	58900	58398	58550	0.52	cps
Selenium	82-1	-65	224	-60	33	502.32	cps
Selenium	77-2	10	10	10	10	0.00	cps
Selenium	78-2	29	24	23	25	12.69	cps
Silicon	28-1	12689698	12672672	12732308	12698226	0.24	cps
Silver	107-1	367	192	217	258	36.64	cps
Silver	109-1	367	175	208	250	40.96	cps
Sodium	23-2	626677	614783	613213	618224	1.19	cps
Strontium	86-1	43268	44563	44497	44109	1.65	cps
Strontium	88-1	353494	353521	357801	354939	0.70	cps
Sulfur	34-1	794238	795301	796470	795336	0.14	cps
Terbium	159-1	3030262	3007759	2921702	2986574	1.92	cps
Terbium	159-2	1422676	1417315	1419867	1419953	0.19	cps
Thallium	203-1	333	450	433	406	15.56	cps
Thallium	205-1	725	958	1042	908	18.07	cps
Tin	118-1	467	442	467	458	3.15	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:17:07	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	333	375	344	7.78	cps
Uranium	238-1	3134	3159	3192	3162	0.93	cps
Vanadium	51-2	16576	16082	16186	16282	1.60	cps
Ytterbium	172-1	1392	1567	1550	1503	6.43	cps
Ytterbium	172-2	972	1028	961	987	3.62	cps
Ytterbium	176-1	1192	1025	1142	1120	7.64	cps
Ytterbium	176-2	678	889	633	733	18.62	cps
Yttrium	89-1	4100652	4160996	4060966	4107538	1.23	cps
Yttrium	89-2	499108	499786	498100	498998	0.17	cps
Zinc	66-2	11730	12189	11840	11919	2.01	cps
Zirconium	90-1	525	467	625	539	14.86	cps
Zirconium	91-1	125	167	100	131	25.80	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:20:06	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110144	109731	107790	109222	1.15	cps
Antimony	121-1	217	292	417	308	32.77	cps
Arsenic	75-2	32	35	39	35	9.94	cps
Barium	135-1	4509	5218	4484	4737	8.79	cps
Barium	137-1	8345	7994	8061	8133	2.29	cps
Beryllium	9-1	32	70	30	44	51.24	cps
Bismuth	209-1	1851683	1826186	1681641	1786503	5.13	cps
Bismuth	209-2	985750	1013022	987490	995421	1.53	cps
Boron	10-1	10946	12423	12667	12012	7.75	cps
Boron	11-1	50047	54768	57275	54030	6.79	cps
Bromine	81-1	2062	2042	2092	2066	1.22	cps
Cadmium	111-1	256	261	189	235	17.01	cps
Cadmium	106-1	1025	1042	817	961	13.04	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	178924	183855	182091	181623	1.38	cps
Calcium	44-1	3137210	3132007	3150833	3140017	0.31	cps
Carbon	12-1	2608134	2606882	2643071	2619362	0.78	cps
Carbon	12-2	33013	32236	32913	32720	1.29	cps
Chlorine	35-1	14443554	16880499	18354639	16559564	11.93	cps
Chlorine	35-2	183959	192452	197788	191400	3.64	cps
Chromium	52-2	2217	2237	2160	2205	1.80	cps
Cobalt	59-2	14788	15111	15088	14996	1.20	cps
Copper	63-2	31699	31472	31054	31408	1.04	cps
Dysprosium	156-1	4117	4142	4418	4226	3.94	cps
Dysprosium	156-2	1960	1930	2220	2037	7.83	cps
Erbium	164-1	5185	5026	4743	4984	4.49	cps
Erbium	164-2	2527	2427	2507	2487	2.13	cps
Gadolinium	160-1	4342	4543	4342	4409	2.62	cps
Gadolinium	160-2	2570	2770	2334	2558	8.55	cps
Holmium	165-1	2955060	2851562	2691068	2832563	4.70	cps
Holmium	165-2	1367241	1408629	1383822	1386564	1.50	cps
Indium	115-1	2436071	2455887	2241044	2377667	4.99	cps
Indium	115-2	396687	404180	399344	400070	0.95	cps
Iron	54-2	596328	585002	582110	587813	1.28	cps
Iron	56-2	11287842	11339002	11074882	11233909	1.25	cps
Iron	57-2	269340	267644	268047	268344	0.33	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:20:06	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1827	2024	2030	1960	5.89	cps
Lead	206-1	1345	1467	1295	1369	6.47	cps
Lead	207-1	1206	1233	1222	1220	1.15	cps
Lead	208-1	5478	5828	5362	5556	4.37	cps
Lithium	6-1	777597	775994	728727	760773	3.65	cps
Magnesium	24-2	283217	283187	276786	281063	1.32	cps
Manganese	55-2	136313	135344	134852	135503	0.55	cps
Molybdenum	94-1	142	300	200	214	37.44	cps
Molybdenum	95-1	75	58	83	72	17.62	cps
Molybdenum	96-1	158	183	133	158	15.79	cps
Molybdenum	97-1	42	25	8	25	66.68	cps
Molybdenum	98-1	108	42	58	69	49.96	cps
Neodymium	150-1	4588	4774	4634	4665	2.08	cps
Neodymium	150-2	1703	1707	1717	1709	0.41	cps
Nickel	60-2	2754	2697	2714	2721	1.07	cps
Phosphorus	31-2	200	300	258	253	19.87	cps
Potassium	39-2	31752	30959	31293	31335	1.27	cps
Rhodium	103-1	2553497	2466960	2275503	2431987	5.85	cps
Rhodium	103-2	1155922	1185588	1175522	1172344	1.29	cps
Scandium	45-1	1719923	1660374	1603964	1661420	3.49	cps
Scandium	45-2	58194	58837	57705	58245	0.97	cps
Selenium	82-1	149	-91	-136	-26	-582.90	cps
Selenium	77-2	10	7	17	11	45.82	cps
Selenium	78-2	33	28	31	31	8.21	cps
Silicon	28-1	12682339	12586812	12600553	12623235	0.41	cps
Silver	107-1	250	300	425	325	27.74	cps
Silver	109-1	258	225	242	242	6.90	cps
Sodium	23-2	627892	630185	612502	623526	1.54	cps
Strontium	86-1	43301	43686	44822	43936	1.80	cps
Strontium	88-1	354061	359879	358113	357351	0.83	cps
Sulfur	34-1	791437	795055	794156	793549	0.24	cps
Terbium	159-1	3031585	3010479	2820759	2954274	3.93	cps
Terbium	159-2	1391696	1416233	1401949	1403293	0.88	cps
Thallium	203-1	417	542	525	494	13.73	cps
Thallium	205-1	1158	1242	1400	1267	9.69	cps
Tin	118-1	508	633	458	533	16.90	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:20:06	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	350	375	353	5.95	cps
Uranium	238-1	2900	2834	3109	2948	4.87	cps
Vanadium	51-2	16483	16486	16550	16506	0.23	cps
Ytterbium	172-1	1575	1458	1658	1564	6.42	cps
Ytterbium	172-2	967	872	839	893	7.43	cps
Ytterbium	176-1	1292	1458	1050	1267	16.21	cps
Ytterbium	176-2	733	656	644	678	7.15	cps
Yttrium	89-1	4188743	4097906	3815362	4034004	4.83	cps
Yttrium	89-2	487766	499676	491071	492837	1.25	cps
Zinc	66-2	11767	11968	11654	11797	1.35	cps
Zirconium	90-1	475	700	475	550	23.62	cps
Zirconium	91-1	75	100	100	92	15.75	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : M2175-01LDLX50 Instrumnet Name : P8
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 50
 Date & Time Acquired :: 2021-05-03 16:23:06 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21350	21447	22109	21635	1.91	cps
Antimony	121-1	233	358	400	331	26.24	cps
Arsenic	75-2	10	11	10	10	5.59	cps
Barium	135-1	1000	800	1083	961	15.15	cps
Barium	137-1	1733	1683	1692	1703	1.57	cps
Beryllium	9-1	26	24	24	25	4.68	cps
Bismuth	209-1	1829563	1731458	1826418	1795813	3.10	cps
Bismuth	209-2	996546	1002676	1041657	1013626	2.41	cps
Boron	10-1	4322	4144	4454	4306	3.61	cps
Boron	11-1	18744	19463	19707	19305	2.59	cps
Bromine	81-1	1632	1582	1822	1678	7.55	cps
Cadmium	111-1	130	186	206	174	22.45	cps
Cadmium	106-1	692	800	1017	836	19.79	cps
Cadmium	108-1	29	17	8	18	58.09	cps
Calcium	43-1	35056	35465	35493	35338	0.69	cps
Calcium	44-1	615254	633747	637565	628855	1.90	cps
Carbon	12-1	2541726	2545216	2601139	2562694	1.30	cps
Carbon	12-2	30741	31735	31267	31248	1.59	cps
Chlorine	35-1	7985534	8063060	8106697	8051763	0.76	cps
Chlorine	35-2	70665	70547	70522	70578	0.11	cps
Chromium	52-2	1257	1460	1410	1376	7.70	cps
Cobalt	59-2	2940	3120	3020	3027	2.98	cps
Copper	63-2	6088	6255	6528	6290	3.53	cps
Dysprosium	156-1	783	658	817	753	11.09	cps
Dysprosium	156-2	393	383	377	384	2.18	cps
Erbium	164-1	1092	925	967	995	8.72	cps
Erbium	164-2	500	540	523	521	3.86	cps
Gadolinium	160-1	942	825	942	903	7.46	cps
Gadolinium	160-2	573	487	580	547	9.52	cps
Holmium	165-1	2915828	2669526	2870319	2818557	4.65	cps
Holmium	165-2	1382304	1405619	1461511	1416478	2.87	cps
Indium	115-1	2464764	2282566	2413250	2386860	3.93	cps
Indium	115-2	399424	404289	417658	407124	2.32	cps
Iron	54-2	115630	115037	119485	116717	2.07	cps
Iron	56-2	2233780	2206759	2318697	2253078	2.59	cps
Iron	57-2	52190	52591	54175	52985	1.98	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01LDLX50	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	50
Date & Time Acquired ::	2021-05-03 16:23:06	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1903	1873	1723	1833	5.26	cps
Lead	206-1	767	811	989	856	13.74	cps
Lead	207-1	756	678	706	713	5.53	cps
Lead	208-1	3256	3084	3450	3263	5.62	cps
Lithium	6-1	759843	738108	764555	754169	1.87	cps
Magnesium	24-2	55690	55615	57991	56432	2.39	cps
Manganese	55-2	26467	26904	27570	26980	2.06	cps
Molybdenum	94-1	150	117	108	125	17.64	cps
Molybdenum	95-1	75	42	58	58	28.57	cps
Molybdenum	96-1	133	42	150	108	53.84	cps
Molybdenum	97-1	8	50	58	39	68.89	cps
Molybdenum	98-1	50	83	125	86	43.64	cps
Neodymium	150-1	847	800	913	853	6.68	cps
Neodymium	150-2	287	253	343	294	15.45	cps
Nickel	60-2	550	557	617	574	6.39	cps
Phosphorus	31-2	233	167	142	181	26.24	cps
Potassium	39-2	22518	22234	22543	22432	0.77	cps
Rhodium	103-1	2456622	2319029	2462150	2412600	3.36	cps
Rhodium	103-2	1172364	1185562	1236306	1198077	2.82	cps
Scandium	45-1	1681723	1587820	1678404	1649316	3.23	cps
Scandium	45-2	57170	59151	60543	58955	2.88	cps
Selenium	82-1	63	118	222	135	60.04	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	27	29	21	26	16.22	cps
Silicon	28-1	7286300	7343909	7322289	7317499	0.40	cps
Silver	107-1	92	217	108	139	48.87	cps
Silver	109-1	200	117	117	144	33.31	cps
Sodium	23-2	148215	145236	149596	147682	1.51	cps
Strontium	86-1	11572	11405	11705	11561	1.30	cps
Strontium	88-1	71066	71534	71944	71514	0.61	cps
Sulfur	34-1	441578	445664	447575	444939	0.69	cps
Terbium	159-1	2999908	2816172	3043426	2953168	4.08	cps
Terbium	159-2	1394560	1421590	1456793	1424315	2.19	cps
Thallium	203-1	483	367	425	425	13.73	cps
Thallium	205-1	1075	883	833	931	13.71	cps
Tin	118-1	258	225	275	253	10.07	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01LDLX50	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	50
Date & Time Acquired ::	2021-05-03 16:23:06	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	258	217	236	8.88	cps
Uranium	238-1	550	642	567	586	8.33	cps
Vanadium	51-2	3340	3280	3144	3255	3.10	cps
Ytterbium	172-1	308	342	350	333	6.61	cps
Ytterbium	172-2	222	139	189	183	22.88	cps
Ytterbium	176-1	442	533	492	489	9.39	cps
Ytterbium	176-2	206	250	289	248	16.80	cps
Yttrium	89-1	4074748	3880016	4067347	4007370	2.75	cps
Yttrium	89-2	483638	487921	507447	493002	2.57	cps
Zinc	66-2	2869	2960	2982	2937	2.03	cps
Zirconium	90-1	283	183	258	242	21.53	cps
Zirconium	91-1	50	67	100	72	35.25	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : M2175-01MSDLX10 Instrumnet Name : P8
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 10
 Date & Time Acquired :: 2021-05-03 16:26:07 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115919	117184	124935	119346	4.09	cps
Antimony	121-1	92269	93519	90156	91982	1.85	cps
Arsenic	75-2	3582	3611	3807	3667	3.34	cps
Barium	135-1	111112	109601	109306	110006	0.88	cps
Barium	137-1	191703	188778	187739	189407	1.09	cps
Beryllium	9-1	26146	26531	25976	26217	1.08	cps
Bismuth	209-1	1849453	1842707	1898931	1863697	1.65	cps
Bismuth	209-2	996537	1121114	1014741	1044131	6.44	cps
Boron	10-1	11544	13343	13644	12844	8.84	cps
Boron	11-1	52515	58624	60993	57377	7.62	cps
Bromine	81-1	1892	1542	1952	1795	12.35	cps
Cadmium	111-1	21301	21793	21902	21665	1.48	cps
Cadmium	106-1	2867	3150	3392	3137	8.38	cps
Cadmium	108-1	1479	1579	1629	1563	4.89	cps
Calcium	43-1	196727	201307	199048	199027	1.15	cps
Calcium	44-1	3401812	3435375	3501853	3446347	1.48	cps
Carbon	12-1	2586359	2629389	2694301	2636683	2.06	cps
Carbon	12-2	33138	33130	33238	33169	0.18	cps
Chlorine	35-1	13753553	16285943	17824474	15954657	12.88	cps
Chlorine	35-2	174923	188718	207420	190354	8.57	cps
Chromium	52-2	30125	31117	31875	31039	2.83	cps
Cobalt	59-2	64053	64823	67975	65617	3.17	cps
Copper	63-2	465753	469313	499480	478182	3.88	cps
Dysprosium	156-1	3767	3742	3992	3834	3.59	cps
Dysprosium	156-2	1960	2090	2097	2049	3.76	cps
Erbium	164-1	4701	5101	4909	4904	4.08	cps
Erbium	164-2	2354	2584	2360	2432	5.38	cps
Gadolinium	160-1	4026	4401	3817	4081	7.25	cps
Gadolinium	160-2	2370	2284	2587	2414	6.47	cps
Holmium	165-1	2972135	2865308	2946704	2928049	1.91	cps
Holmium	165-2	1396254	1686437	1395777	1492823	11.23	cps
Indium	115-1	2486166	2405149	2472954	2454757	1.77	cps
Indium	115-2	400846	443566	401164	415192	5.92	cps
Iron	54-2	617861	626987	663347	636065	3.78	cps
Iron	56-2	11704559	11850717	12589699	12048325	3.94	cps
Iron	57-2	277323	279673	297927	284975	3.96	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01MSDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:26:07	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1857	1870	1857	1861	0.41	cps
Lead	206-1	309399	310861	310484	310248	0.24	cps
Lead	207-1	280538	286365	281823	282909	1.08	cps
Lead	208-1	1250445	1260332	1269148	1259975	0.74	cps
Lithium	6-1	770101	779982	792544	780876	1.44	cps
Magnesium	24-2	467518	479706	502859	483361	3.71	cps
Manganese	55-2	278532	284627	299178	287446	3.69	cps
Molybdenum	94-1	197022	198766	197480	197756	0.46	cps
Molybdenum	95-1	248281	247140	250511	248644	0.69	cps
Molybdenum	96-1	276356	274022	279354	276577	0.97	cps
Molybdenum	97-1	153575	155555	157192	155441	1.17	cps
Molybdenum	98-1	395314	399353	399876	398181	0.63	cps
Neodymium	150-1	4394	4354	4234	4327	1.92	cps
Neodymium	150-2	1420	1573	1623	1539	6.89	cps
Nickel	60-2	16323	16620	17648	16863	4.12	cps
Phosphorus	31-2	250	375	367	331	21.14	cps
Potassium	39-2	105586	105082	110984	107217	3.05	cps
Rhodium	103-1	2454671	2500336	2452771	2469259	1.09	cps
Rhodium	103-2	1168305	1313669	1173545	1218507	6.77	cps
Scandium	45-1	1691042	1713041	1682888	1695657	0.92	cps
Scandium	45-2	57819	64143	58231	60064	5.89	cps
Selenium	82-1	1462	1454	1546	1487	3.43	cps
Selenium	77-2	50	47	70	56	22.71	cps
Selenium	78-2	194	197	185	192	3.25	cps
Silicon	28-1	12193104	12170825	12419816	12261248	1.12	cps
Silver	107-1	114802	113927	116079	114936	0.94	cps
Silver	109-1	107158	109071	111281	109170	1.89	cps
Sodium	23-2	964840	1012691	1055469	1011000	4.48	cps
Strontium	86-1	316165	321277	318454	318632	0.80	cps
Strontium	88-1	2850270	2875547	2889385	2871734	0.69	cps
Sulfur	34-1	767198	772068	763988	767751	0.53	cps
Terbium	159-1	3022374	3107905	3076536	3068938	1.41	cps
Terbium	159-2	1407655	1686631	1407582	1500623	10.73	cps
Thallium	203-1	73718	76382	75495	75198	1.80	cps
Thallium	205-1	177586	180434	181472	179831	1.12	cps
Tin	118-1	71905	73187	74160	73084	1.55	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01MSDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:26:07	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	70055	70842	71604	70833	1.09	cps
Uranium	238-1	232272	237401	237963	235879	1.33	cps
Vanadium	51-2	37940	38311	40474	38908	3.52	cps
Ytterbium	172-1	1558	1875	1683	1706	9.35	cps
Ytterbium	172-2	1017	833	1022	957	11.23	cps
Ytterbium	176-1	1183	1025	1258	1156	10.31	cps
Ytterbium	176-2	694	744	761	733	4.73	cps
Yttrium	89-1	4138036	4280846	4095669	4171517	2.33	cps
Yttrium	89-2	487124	541667	489760	506184	6.08	cps
Zinc	66-2	85482	87656	92268	88469	3.92	cps
Zirconium	90-1	153759	155975	151181	153638	1.56	cps
Zirconium	91-1	34042	34009	33207	33753	1.40	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : M2175-01ADLX10 Instrumnet Name : P8
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 10
 Date & Time Acquired :: 2021-05-03 16:32:05 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114662	113007	113046	113572	0.83	cps
Antimony	121-1	90433	90574	91774	90927	0.81	cps
Arsenic	75-2	3475	3526	3540	3513	0.97	cps
Barium	135-1	109390	111003	111044	110479	0.85	cps
Barium	137-1	185680	189515	189724	188306	1.21	cps
Beryllium	9-1	25729	26038	25661	25809	0.78	cps
Bismuth	209-1	1915443	1882263	1899224	1898977	0.87	cps
Bismuth	209-2	1007468	997172	1005977	1003539	0.55	cps
Boron	10-1	12881	14088	15173	14047	8.16	cps
Boron	11-1	57799	64819	67321	63313	7.80	cps
Bromine	81-1	1852	1822	1762	1812	2.53	cps
Cadmium	111-1	21024	21207	21868	21367	2.08	cps
Cadmium	106-1	3134	3142	3526	3267	6.85	cps
Cadmium	108-1	1629	1692	1733	1685	3.11	cps
Calcium	43-1	197937	201846	198170	199317	1.10	cps
Calcium	44-1	3337900	3407932	3382618	3376150	1.05	cps
Carbon	12-1	2645129	2646300	2763393	2684941	2.53	cps
Carbon	12-2	33413	33505	32645	33188	1.42	cps
Chlorine	35-1	17869894	20063615	21064554	19666021	8.31	cps
Chlorine	35-2	201082	201545	211806	204811	2.96	cps
Chromium	52-2	29871	30416	29527	29938	1.50	cps
Cobalt	59-2	63337	61840	62871	62683	1.22	cps
Copper	63-2	462978	462782	465683	463814	0.35	cps
Dysprosium	156-1	3951	3751	3859	3853	2.60	cps
Dysprosium	156-2	1974	1760	1913	1882	5.85	cps
Erbium	164-1	4676	4851	4934	4820	2.74	cps
Erbium	164-2	2467	2260	2384	2370	4.39	cps
Gadolinium	160-1	3834	3984	4192	4003	4.50	cps
Gadolinium	160-2	2310	2300	2354	2321	1.22	cps
Holmium	165-1	2975192	3000967	2937081	2971080	1.08	cps
Holmium	165-2	1412378	1400569	1411646	1408197	0.47	cps
Indium	115-1	2451285	2454740	2455414	2453813	0.09	cps
Indium	115-2	399627	395310	398847	397928	0.58	cps
Iron	54-2	617522	607435	608024	610994	0.93	cps
Iron	56-2	11742554	11557290	11614195	11638013	0.82	cps
Iron	57-2	276019	275833	275811	275888	0.04	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01ADLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:32:05	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1880	1970	1850	1900	3.29	cps
Lead	206-1	310946	318038	313764	314249	1.14	cps
Lead	207-1	282381	287435	284416	284744	0.89	cps
Lead	208-1	1266121	1280032	1282157	1276104	0.68	cps
Lithium	6-1	806733	816439	811013	811395	0.60	cps
Magnesium	24-2	460567	463638	463382	462529	0.37	cps
Manganese	55-2	277878	275844	277390	277037	0.38	cps
Molybdenum	94-1	195690	199820	198831	198114	1.09	cps
Molybdenum	95-1	250459	246862	249228	248850	0.73	cps
Molybdenum	96-1	266806	274650	279834	273764	2.40	cps
Molybdenum	97-1	155288	155092	156119	155500	0.35	cps
Molybdenum	98-1	390205	399951	395243	395133	1.23	cps
Neodymium	150-1	4808	4081	4361	4416	8.30	cps
Neodymium	150-2	1590	1577	1780	1649	6.90	cps
Nickel	60-2	16493	16199	16440	16377	0.95	cps
Phosphorus	31-2	358	300	392	350	13.26	cps
Potassium	39-2	102639	102094	101724	102152	0.45	cps
Rhodium	103-1	2484966	2487636	2453370	2475324	0.77	cps
Rhodium	103-2	1184377	1169763	1190357	1181499	0.90	cps
Scandium	45-1	1687965	1743764	1701326	1711019	1.70	cps
Scandium	45-2	57893	56912	57849	57551	0.96	cps
Selenium	82-1	1421	1335	1480	1412	5.16	cps
Selenium	77-2	60	27	50	46	37.54	cps
Selenium	78-2	197	191	180	189	4.55	cps
Silicon	28-1	12171155	12045601	11937073	12051276	0.97	cps
Silver	107-1	113137	115363	117750	115417	2.00	cps
Silver	109-1	107844	108500	110289	108878	1.16	cps
Sodium	23-2	975656	977926	971584	975056	0.33	cps
Strontium	86-1	317180	324363	324805	322116	1.33	cps
Strontium	88-1	2822347	2824698	2901119	2849388	1.57	cps
Sulfur	34-1	761538	770321	770438	767432	0.67	cps
Terbium	159-1	3138857	3085729	3121939	3115508	0.87	cps
Terbium	159-2	1420387	1401893	1416244	1412842	0.69	cps
Thallium	203-1	75863	75830	77673	76456	1.38	cps
Thallium	205-1	180807	185370	182985	183054	1.25	cps
Tin	118-1	71696	73565	73372	72878	1.41	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01ADLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:32:05	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	71277	72575	69862	71238	1.91	cps
Uranium	238-1	235955	245514	238330	239933	2.07	cps
Vanadium	51-2	37205	36881	38144	37410	1.75	cps
Ytterbium	172-1	1383	1375	1592	1450	8.47	cps
Ytterbium	172-2	922	867	844	878	4.56	cps
Ytterbium	176-1	1292	1158	1275	1242	5.85	cps
Ytterbium	176-2	711	783	767	754	5.02	cps
Yttrium	89-1	4248445	4230321	4170042	4216269	0.97	cps
Yttrium	89-2	487600	485476	488720	487265	0.34	cps
Zinc	66-2	84874	85172	86393	85480	0.94	cps
Zirconium	90-1	153069	155241	150633	152981	1.51	cps
Zirconium	91-1	34978	34853	35537	35123	1.04	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : M2175-01MSDDLX10 Instrumnet Name : P8
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 10
 Date & Time Acquired :: 2021-05-03 16:35:05 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	118680	114159	111550	114796	3.14	cps
Antimony	121-1	90507	93888	91859	92085	1.85	cps
Arsenic	75-2	3614	3670	3406	3563	3.91	cps
Barium	135-1	109130	115003	113557	112563	2.72	cps
Barium	137-1	187359	196088	198384	193944	3.00	cps
Beryllium	9-1	25653	27079	27031	26588	3.05	cps
Bismuth	209-1	1868237	1903260	1936523	1902673	1.79	cps
Bismuth	209-2	1050213	1011992	1001974	1021393	2.49	cps
Boron	10-1	13149	14785	15877	14604	9.40	cps
Boron	11-1	58271	66347	70493	65037	9.56	cps
Bromine	81-1	1702	1772	1952	1809	7.14	cps
Cadmium	111-1	21306	21876	22441	21874	2.59	cps
Cadmium	106-1	3434	3267	3242	3314	3.14	cps
Cadmium	108-1	1658	1446	1771	1625	10.16	cps
Calcium	43-1	196021	208541	208753	204438	3.57	cps
Calcium	44-1	3366274	3574720	3572717	3504570	3.42	cps
Carbon	12-1	2649985	2720900	2752160	2707682	1.93	cps
Carbon	12-2	33046	32520	33280	32949	1.18	cps
Chlorine	35-1	17876205	20464842	22126743	20155930	10.63	cps
Chlorine	35-2	204124	205603	206982	205569	0.70	cps
Chromium	52-2	31074	31221	29313	30536	3.48	cps
Cobalt	59-2	64381	63424	61408	63071	2.41	cps
Copper	63-2	482958	467169	457167	469098	2.77	cps
Dysprosium	156-1	3751	4084	3801	3878	4.64	cps
Dysprosium	156-2	1903	1970	1977	1950	2.08	cps
Erbium	164-1	4959	4901	5101	4987	2.06	cps
Erbium	164-2	2390	2424	2437	2417	0.99	cps
Gadolinium	160-1	4192	4292	4426	4304	2.72	cps
Gadolinium	160-2	2464	2404	2330	2399	2.78	cps
Holmium	165-1	2939740	3061597	3073608	3024982	2.45	cps
Holmium	165-2	1441008	1389470	1406103	1412193	1.86	cps
Indium	115-1	2420408	2509787	2535486	2488561	2.43	cps
Indium	115-2	410357	394538	392133	399009	2.48	cps
Iron	54-2	637517	610965	600992	616491	3.06	cps
Iron	56-2	11859970	11740462	11410247	11670227	2.00	cps
Iron	57-2	291039	278976	273984	281333	3.12	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01MSDDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:35:05	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2010	1897	1883	1930	3.61	cps
Lead	206-1	304160	324969	330571	319900	4.35	cps
Lead	207-1	278915	290077	294641	287878	2.81	cps
Lead	208-1	1247645	1298579	1326012	1290745	3.08	cps
Lithium	6-1	799419	844978	849580	831326	3.34	cps
Magnesium	24-2	482847	466922	455147	468305	2.97	cps
Manganese	55-2	284463	277382	272070	277972	2.24	cps
Molybdenum	94-1	192797	202223	204460	199826	3.10	cps
Molybdenum	95-1	243289	258207	258363	253286	3.42	cps
Molybdenum	96-1	271493	281493	281044	278010	2.03	cps
Molybdenum	97-1	154118	156905	161414	157479	2.34	cps
Molybdenum	98-1	387215	410821	419034	405690	4.07	cps
Neodymium	150-1	4054	4508	4161	4241	5.59	cps
Neodymium	150-2	1550	1650	1530	1577	4.08	cps
Nickel	60-2	16743	16032	15368	16048	4.28	cps
Phosphorus	31-2	208	242	308	253	20.14	cps
Potassium	39-2	104704	101120	100206	102010	2.33	cps
Rhodium	103-1	2422733	2449502	2569038	2480424	3.14	cps
Rhodium	103-2	1211113	1178359	1179012	1189495	1.57	cps
Scandium	45-1	1729244	1751563	1760897	1747234	0.93	cps
Scandium	45-2	59218	56504	56986	57569	2.52	cps
Selenium	82-1	1305	1483	1597	1462	10.07	cps
Selenium	77-2	77	43	60	60	27.78	cps
Selenium	78-2	168	207	183	186	10.58	cps
Silicon	28-1	11893943	12183997	12174011	12083984	1.36	cps
Silver	107-1	112431	117633	120029	116697	3.33	cps
Silver	109-1	105587	109879	112305	109257	3.11	cps
Sodium	23-2	997331	970798	941349	969826	2.89	cps
Strontium	86-1	316437	328530	336640	327202	3.11	cps
Strontium	88-1	2815872	2940136	3031858	2929289	3.70	cps
Sulfur	34-1	763365	782746	778687	774933	1.32	cps
Terbium	159-1	3058385	3170280	3235303	3154656	2.84	cps
Terbium	159-2	1454098	1413945	1406948	1424997	1.79	cps
Thallium	203-1	75159	77095	79384	77213	2.74	cps
Thallium	205-1	177293	188555	189631	185160	3.69	cps
Tin	118-1	70933	76171	76548	74551	4.21	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-01MSDDLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:35:05	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	70088	71294	71872	71085	1.28	cps
Uranium	238-1	234045	247175	249422	243547	3.41	cps
Vanadium	51-2	38605	37760	36146	37504	3.33	cps
Ytterbium	172-1	1709	1558	1567	1611	5.23	cps
Ytterbium	172-2	972	861	1000	944	7.78	cps
Ytterbium	176-1	1200	1183	1250	1211	2.86	cps
Ytterbium	176-2	700	617	622	646	7.21	cps
Yttrium	89-1	4118711	4277984	4348838	4248511	2.77	cps
Yttrium	89-2	498781	485937	481092	488603	1.87	cps
Zinc	66-2	89160	86745	84178	86695	2.87	cps
Zirconium	90-1	149344	153640	161156	154713	3.86	cps
Zirconium	91-1	33817	36172	36114	35368	3.80	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-02DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:38:03	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87140	90912	89145	89066	2.12	cps
Antimony	121-1	325	425	608	453	31.74	cps
Arsenic	75-2	34	39	37	37	6.86	cps
Barium	135-1	5143	4659	4993	4932	5.02	cps
Barium	137-1	8486	8845	8403	8578	2.74	cps
Beryllium	9-1	56	76	72	68	15.57	cps
Bismuth	209-1	1742477	1869383	1889902	1833921	4.35	cps
Bismuth	209-2	985092	1033426	1108801	1042440	5.98	cps
Boron	10-1	10932	11846	11967	11582	4.89	cps
Boron	11-1	50191	53044	53498	52244	3.43	cps
Bromine	81-1	1682	1712	1722	1705	1.22	cps
Cadmium	111-1	221	212	216	216	2.03	cps
Cadmium	106-1	883	758	867	836	8.12	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Calcium	43-1	194716	192220	185713	190883	2.43	cps
Calcium	44-1	3387441	3293506	3163821	3281590	3.42	cps
Carbon	12-1	2626054	2706047	2696058	2676053	1.63	cps
Carbon	12-2	33255	33196	33397	33283	0.31	cps
Chlorine	35-1	19564543	21520335	22083632	21056170	6.28	cps
Chlorine	35-2	202079	214690	217287	211352	3.85	cps
Chromium	52-2	2194	2200	2040	2145	4.22	cps
Cobalt	59-2	14097	14367	14281	14248	0.97	cps
Copper	63-2	30840	31966	31388	31398	1.79	cps
Dysprosium	156-1	3709	3942	3451	3701	6.65	cps
Dysprosium	156-2	1773	1813	1823	1803	1.47	cps
Erbium	164-1	4684	5093	4776	4851	4.42	cps
Erbium	164-2	2297	2304	2187	2262	2.90	cps
Gadolinium	160-1	4017	4234	3842	4031	4.87	cps
Gadolinium	160-2	2017	2397	2364	2259	9.32	cps
Holmium	165-1	2746544	2921706	2893797	2854016	3.30	cps
Holmium	165-2	1361333	1428702	1639279	1476438	9.82	cps
Indium	115-1	2302169	2444459	2407491	2384706	3.10	cps
Indium	115-2	384149	400342	436743	407078	6.62	cps
Iron	54-2	507822	536198	527116	523712	2.77	cps
Iron	56-2	9822946	10168885	9856774	9949535	1.92	cps
Iron	57-2	234232	242061	240099	238798	1.71	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-02DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:38:03	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1974	1857	1973	1935	3.48	cps
Lead	206-1	1133	1195	1228	1185	4.04	cps
Lead	207-1	1061	1067	1056	1061	0.52	cps
Lead	208-1	4728	4695	5017	4813	3.68	cps
Lithium	6-1	769317	808166	813858	797114	3.04	cps
Magnesium	24-2	227796	240764	235219	234593	2.77	cps
Manganese	55-2	133822	141101	136684	137202	2.67	cps
Molybdenum	94-1	325	225	283	278	18.08	cps
Molybdenum	95-1	92	50	50	64	37.66	cps
Molybdenum	96-1	242	217	233	231	5.52	cps
Molybdenum	97-1	25	67	33	42	52.92	cps
Molybdenum	98-1	117	117	150	128	15.06	cps
Neodymium	150-1	4354	4094	3854	4101	6.10	cps
Neodymium	150-2	1437	1583	1560	1527	5.16	cps
Nickel	60-2	2390	2370	2527	2429	3.51	cps
Phosphorus	31-2	308	250	200	253	21.45	cps
Potassium	39-2	27585	27577	28111	27758	1.10	cps
Rhodium	103-1	2317129	2469442	2404847	2397139	3.19	cps
Rhodium	103-2	1140303	1185768	1365498	1230523	9.68	cps
Scandium	45-1	1598304	1656787	1671921	1642337	2.37	cps
Scandium	45-2	55299	58174	62306	58593	6.01	cps
Selenium	82-1	-8	132	-34	30	296.25	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	23	25	40	29	31.68	cps
Silicon	28-1	11918958	12091956	11776727	11929214	1.32	cps
Silver	107-1	367	342	283	331	12.94	cps
Silver	109-1	275	325	250	283	13.48	cps
Sodium	23-2	623460	649926	646173	639853	2.24	cps
Strontium	86-1	49329	49062	46294	48228	3.48	cps
Strontium	88-1	389758	393804	381488	388350	1.62	cps
Sulfur	34-1	780780	783520	751729	772010	2.28	cps
Terbium	159-1	2903661	3095140	3076137	3024979	3.49	cps
Terbium	159-2	1367906	1435553	1653276	1485579	10.04	cps
Thallium	203-1	292	342	467	367	24.58	cps
Thallium	205-1	800	858	825	828	3.54	cps
Tin	118-1	600	625	600	608	2.37	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-02DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 16:38:03	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	433	292	283	336	25.08	cps
Uranium	238-1	3526	3067	3092	3228	7.98	cps
Vanadium	51-2	14137	14628	14411	14392	1.71	cps
Ytterbium	172-1	1608	1325	1542	1492	9.93	cps
Ytterbium	172-2	789	889	917	865	7.77	cps
Ytterbium	176-1	1333	1108	1358	1267	10.87	cps
Ytterbium	176-2	567	717	656	646	11.67	cps
Yttrium	89-1	3842829	4108826	4059485	4003714	3.53	cps
Yttrium	89-2	468752	487379	530730	495620	6.42	cps
Zinc	66-2	10825	10879	10968	10891	0.66	cps
Zirconium	90-1	650	658	692	667	3.31	cps
Zirconium	91-1	233	158	83	158	47.37	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:44:09	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	689629	714742	691612	698661	2.00	cps
Antimony	121-1	1008377	981767	982427	990857	1.53	cps
Arsenic	75-2	34467	35627	35084	35059	1.66	cps
Barium	135-1	1033179	1008602	1017966	1019916	1.22	cps
Barium	137-1	1856648	1834532	1842821	1844667	0.61	cps
Beryllium	9-1	283307	280953	280372	281544	0.55	cps
Bismuth	209-1	1837265	1822563	1833518	1831115	0.42	cps
Bismuth	209-2	963307	1015062	990134	989501	2.62	cps
Boron	10-1	20552	22008	23103	21888	5.85	cps
Boron	11-1	93781	99185	102829	98598	4.62	cps
Bromine	81-1	1351	1572	1512	1478	7.70	cps
Cadmium	111-1	212086	212427	215751	213421	0.95	cps
Cadmium	106-1	22794	22703	22160	22552	1.52	cps
Cadmium	108-1	15868	15413	15905	15729	1.74	cps
Calcium	43-1	1450162	1429879	1423252	1434431	0.98	cps
Calcium	44-1	22837705	22790927	23181490	22936708	0.93	cps
Carbon	12-1	2767762	2873312	2903710	2848261	2.51	cps
Carbon	12-2	36763	37198	36972	36978	0.59	cps
Chlorine	35-1	3727980	3583458	3492925	3601454	3.29	cps
Chlorine	35-2	28562	28186	26366	27705	4.24	cps
Chromium	52-2	286509	297599	293882	292663	1.93	cps
Cobalt	59-2	484726	500775	495779	493760	1.66	cps
Copper	63-2	4000274	4157783	4125169	4094409	2.03	cps
Dysprosium	156-1	267	250	233	250	6.67	cps
Dysprosium	156-2	110	143	140	131	14.00	cps
Erbium	164-1	83	33	50	56	45.83	cps
Erbium	164-2	30	37	23	30	22.23	cps
Gadolinium	160-1	358	242	292	297	19.69	cps
Gadolinium	160-2	177	147	173	166	9.93	cps
Holmium	165-1	3023450	2937207	2903184	2954614	2.10	cps
Holmium	165-2	1381189	1459304	1418471	1419654	2.75	cps
Indium	115-1	2491473	2375487	2387124	2418028	2.64	cps
Indium	115-2	382950	404786	394139	393958	2.77	cps
Iron	54-2	3237733	3355805	3285259	3292932	1.80	cps
Iron	56-2	59692058	60264379	58309528	59421988	1.69	cps
Iron	57-2	1473537	1524632	1511747	1503305	1.77	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:44:09	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1783	1747	1863	1798	3.32	cps
Lead	206-1	3459403	3441300	3431067	3443923	0.42	cps
Lead	207-1	3054420	3131696	3067742	3084619	1.34	cps
Lead	208-1	13709670	13804070	13915065	13809602	0.74	cps
Lithium	6-1	791545	782968	774053	782855	1.12	cps
Magnesium	24-2	10256305	10659090	10562896	10492764	2.00	cps
Manganese	55-2	1439880	1494814	1480247	1471647	1.93	cps
Molybdenum	94-1	2086128	2023042	2079547	2062906	1.68	cps
Molybdenum	95-1	2641237	2580484	2557784	2593168	1.66	cps
Molybdenum	96-1	2914716	2852135	2888569	2885140	1.09	cps
Molybdenum	97-1	1644273	1587500	1612794	1614856	1.76	cps
Molybdenum	98-1	4163899	4134367	4065070	4121112	1.23	cps
Neodymium	150-1	47	27	27	33	34.64	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	138728	142159	141145	140677	1.25	cps
Phosphorus	31-2	8469	9503	8761	8911	5.98	cps
Potassium	39-2	3732724	3799902	3740046	3757557	0.98	cps
Rhodium	103-1	2431787	2423435	2382579	2412600	1.09	cps
Rhodium	103-2	1116954	1189166	1155416	1153845	3.13	cps
Scandium	45-1	1751592	1693218	1703863	1716224	1.81	cps
Scandium	45-2	56618	59359	57180	57719	2.51	cps
Selenium	82-1	14620	14701	14495	14605	0.71	cps
Selenium	77-2	510	427	517	484	10.35	cps
Selenium	78-2	1665	1671	1648	1662	0.72	cps
Silicon	28-1	6741104	6926634	6871731	6846489	1.39	cps
Silver	107-1	1152411	1147046	1140868	1146775	0.50	cps
Silver	109-1	1088344	1080084	1068035	1078821	0.95	cps
Sodium	23-2	19521864	20093517	19775066	19796816	1.45	cps
Strontium	86-1	2985148	2859615	2926413	2923725	2.15	cps
Strontium	88-1	25208478	24504230	24597448	24770052	1.54	cps
Sulfur	34-1	461249	459866	460879	460665	0.16	cps
Terbium	159-1	3078784	3043208	3083807	3068600	0.72	cps
Terbium	159-2	1394772	1566732	1432657	1464720	6.17	cps
Thallium	203-1	772233	753034	763579	762948	1.26	cps
Thallium	205-1	1944355	1892485	1933116	1923319	1.42	cps
Tin	118-1	713936	694939	700323	703066	1.39	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:44:09	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	711262	706683	702368	706771	0.63	cps
Uranium	238-1	2604961	2599555	2657584	2620700	1.22	cps
Vanadium	51-2	225028	233734	225284	228015	2.17	cps
Ytterbium	172-1	0	8	17	8	100.02	cps
Ytterbium	172-2	11	17	6	11	49.99	cps
Ytterbium	176-1	267	300	375	314	17.68	cps
Ytterbium	176-2	111	94	161	122	28.39	cps
Yttrium	89-1	4192246	4031345	4072988	4098860	2.04	cps
Yttrium	89-2	469643	489726	481387	480252	2.10	cps
Zinc	66-2	665583	693586	681650	680273	2.07	cps
Zirconium	90-1	1634529	1644014	1621688	1633411	0.69	cps
Zirconium	91-1	348164	345783	350276	348075	0.65	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : CCB15 Instrumnet Name : P8
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 16:53:22 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214	229	209	217	4.79	cps
Antimony	121-1	142	125	108	125	13.33	cps
Arsenic	75-2	6	3	6	5	34.64	cps
Barium	135-1	8	0	33	14	124.91	cps
Barium	137-1	42	25	17	28	45.82	cps
Beryllium	9-1	14	6	12	11	39.03	cps
Bismuth	209-1	1789885	1839464	1850974	1826774	1.78	cps
Bismuth	209-2	1094003	1024667	1040521	1053064	3.45	cps
Boron	10-1	1328	1240	1260	1276	3.62	cps
Boron	11-1	5510	5400	5564	5491	1.52	cps
Bromine	81-1	1502	1311	1752	1522	14.52	cps
Cadmium	111-1	132	148	180	153	15.97	cps
Cadmium	106-1	683	692	850	742	12.66	cps
Cadmium	108-1	25	17	4	15	68.61	cps
Calcium	43-1	154	202	147	168	17.94	cps
Calcium	44-1	49785	50698	49226	49903	1.49	cps
Carbon	12-1	2484323	2513395	2510100	2502606	0.64	cps
Carbon	12-2	30632	29981	31075	30563	1.80	cps
Chlorine	35-1	1280353	1241073	1252163	1257863	1.61	cps
Chlorine	35-2	10721	10287	10604	10537	2.13	cps
Chromium	52-2	1117	1090	1050	1086	3.09	cps
Cobalt	59-2	23	40	23	29	33.32	cps
Copper	63-2	297	230	227	251	15.73	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	0	67	8	25	145.31	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	2839153	2830743	2942869	2870922	2.18	cps
Holmium	165-2	1622847	1412201	1453024	1496024	7.47	cps
Indium	115-1	2390405	2383635	2468197	2414079	1.95	cps
Indium	115-2	436686	403998	415774	418820	3.95	cps
Iron	54-2	456	561	556	524	11.34	cps
Iron	56-2	2611	2245	2389	2415	7.65	cps
Iron	57-2	78	89	89	85	7.53	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:53:22	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1903	1853	1780	1846	3.36	cps
Lead	206-1	511	656	672	613	14.45	cps
Lead	207-1	544	494	617	552	11.13	cps
Lead	208-1	2361	2389	2695	2482	7.45	cps
Lithium	6-1	715223	723073	741396	726564	1.85	cps
Magnesium	24-2	233	333	292	286	17.56	cps
Manganese	55-2	57	44	64	55	18.18	cps
Molybdenum	94-1	92	92	142	108	26.65	cps
Molybdenum	95-1	50	42	50	47	10.18	cps
Molybdenum	96-1	108	100	83	97	13.09	cps
Molybdenum	97-1	33	33	8	25	57.74	cps
Molybdenum	98-1	92	58	92	81	23.89	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	73	93	78	17.84	cps
Phosphorus	31-2	50	100	92	81	33.25	cps
Potassium	39-2	19363	20356	19388	19703	2.87	cps
Rhodium	103-1	2450614	2437059	2510674	2466116	1.59	cps
Rhodium	103-2	1269064	1194907	1218680	1227550	3.08	cps
Scandium	45-1	1687459	1664207	1714758	1688808	1.50	cps
Scandium	45-2	62261	57692	59516	59823	3.84	cps
Selenium	82-1	-98	33	58	-2	-3565.22	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	20	20	29	23	22.59	cps
Silicon	28-1	5957062	5931958	5980719	5956580	0.41	cps
Silver	107-1	58	58	108	75	38.50	cps
Silver	109-1	42	33	33	36	13.33	cps
Sodium	23-2	28061	28754	28779	28531	1.43	cps
Strontium	86-1	2850	2734	3117	2900	6.78	cps
Strontium	88-1	375	217	383	325	28.90	cps
Sulfur	34-1	387208	383126	383609	384648	0.58	cps
Terbium	159-1	3009881	2973072	3058766	3013906	1.43	cps
Terbium	159-2	1653627	1420018	1459532	1511059	8.27	cps
Thallium	203-1	183	142	175	167	13.23	cps
Thallium	205-1	358	292	317	322	10.45	cps
Tin	118-1	183	83	133	133	37.50	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 16:53:22	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	175	342	242	36.49	cps
Uranium	238-1	8	42	33	28	62.46	cps
Vanadium	51-2	13	17	7	12	41.65	cps
Ytterbium	172-1	0	17	25	14	91.65	cps
Ytterbium	172-2	6	6	0	4	86.60	cps
Ytterbium	176-1	258	292	325	292	11.43	cps
Ytterbium	176-2	139	161	150	150	7.41	cps
Yttrium	89-1	4098448	3943271	4025588	4022436	1.93	cps
Yttrium	89-2	519770	486572	499297	501880	3.34	cps
Zinc	66-2	216	173	160	183	16.00	cps
Zirconium	90-1	200	233	267	233	14.29	cps
Zirconium	91-1	50	50	75	58	24.74	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : PB136049TB Instrumnet Name : P8
 Client Sample ID : PB136049TB Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 17:00:11 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220	207	217	215	3.08	cps
Antimony	121-1	42	42	100	61	55.11	cps
Arsenic	75-2	12	2	5	6	81.03	cps
Barium	135-1	0	25	8	11	114.58	cps
Barium	137-1	25	8	8	14	69.31	cps
Beryllium	9-1	22	8	12	14	51.51	cps
Bismuth	209-1	1908155	1917044	1834502	1886567	2.40	cps
Bismuth	209-2	981727	1034014	1020113	1011952	2.68	cps
Boron	10-1	952	880	816	883	7.71	cps
Boron	11-1	3954	4152	3756	3954	5.01	cps
Bromine	81-1	1482	1061	1482	1341	18.10	cps
Cadmium	111-1	184	185	183	184	0.57	cps
Cadmium	106-1	867	892	783	847	6.70	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	176	161	196	178	9.87	cps
Calcium	44-1	48521	48714	48806	48681	0.30	cps
Carbon	12-1	2709967	2715637	2715011	2713538	0.11	cps
Carbon	12-2	32988	32754	32887	32876	0.36	cps
Chlorine	35-1	3830557	3692513	3470376	3664482	4.96	cps
Chlorine	35-2	28437	26817	25932	27062	4.69	cps
Chromium	52-2	1133	1100	1083	1106	2.30	cps
Cobalt	59-2	43	20	50	38	41.70	cps
Copper	63-2	213	250	263	242	10.69	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	50	17	25	88.19	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	2984995	2983856	2890667	2953173	1.83	cps
Holmium	165-2	1365569	1430012	1429209	1408263	2.63	cps
Indium	115-1	2577418	2512465	2424534	2504806	3.06	cps
Indium	115-2	395096	408711	411678	405162	2.18	cps
Iron	54-2	372	472	572	472	21.18	cps
Iron	56-2	2445	2178	2289	2304	5.82	cps
Iron	57-2	44	89	78	70	32.86	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049TB	Instrumnet Name :	P8
Client Sample ID :	PB136049TB	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:00:11	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1900	1900	1817	1872	2.57	cps
Lead	206-1	444	439	500	461	7.33	cps
Lead	207-1	328	467	356	383	19.17	cps
Lead	208-1	1722	1950	1745	1806	6.96	cps
Lithium	6-1	772991	767501	742090	760861	2.17	cps
Magnesium	24-2	225	225	200	217	6.66	cps
Manganese	55-2	41	87	81	70	36.05	cps
Molybdenum	94-1	133	125	92	117	18.90	cps
Molybdenum	95-1	42	0	0	14	173.21	cps
Molybdenum	96-1	58	133	100	97	38.66	cps
Molybdenum	97-1	17	33	8	19	65.47	cps
Molybdenum	98-1	58	58	42	53	18.23	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	77	47	70	29.74	cps
Phosphorus	31-2	133	117	67	106	32.87	cps
Potassium	39-2	19005	19055	18921	18993	0.35	cps
Rhodium	103-1	2594233	2568182	2472574	2544996	2.52	cps
Rhodium	103-2	1164736	1206071	1200747	1190518	1.89	cps
Scandium	45-1	1708455	1781859	1663154	1717823	3.49	cps
Scandium	45-2	57351	58298	58080	57910	0.86	cps
Selenium	82-1	27	38	67	44	46.83	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	27	25	23	25	8.00	cps
Silicon	28-1	5865111	5882197	5828613	5858640	0.47	cps
Silver	107-1	67	25	42	44	47.19	cps
Silver	109-1	75	75	58	69	13.85	cps
Sodium	23-2	28754	28512	27910	28392	1.53	cps
Strontium	86-1	3109	2909	2867	2962	4.36	cps
Strontium	88-1	142	117	125	128	9.96	cps
Sulfur	34-1	390808	390292	387049	389383	0.52	cps
Terbium	159-1	3146074	3120199	3056735	3107669	1.48	cps
Terbium	159-2	1383350	1423753	1437348	1414817	1.99	cps
Thallium	203-1	117	83	125	108	20.35	cps
Thallium	205-1	317	308	233	286	16.04	cps
Tin	118-1	133	50	133	106	45.58	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	PB136049TB	Instrumnet Name :	P8
Client Sample ID :	PB136049TB	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:00:11	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	267	183	219	19.49	cps
Uranium	238-1	0	17	8	8	100.02	cps
Vanadium	51-2	20	13	3	12	68.66	cps
Ytterbium	172-1	0	8	0	3	173.21	cps
Ytterbium	172-2	6	0	0	2	173.21	cps
Ytterbium	176-1	425	317	292	344	20.58	cps
Ytterbium	176-2	128	89	106	107	18.16	cps
Yttrium	89-1	4203084	4155306	4041229	4133206	2.01	cps
Yttrium	89-2	474981	489986	492236	485734	1.93	cps
Zinc	66-2	116	170	182	156	22.45	cps
Zirconium	90-1	317	250	308	292	12.45	cps
Zirconium	91-1	33	42	25	33	25.01	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : M2175-03DLX10 Instrumnet Name : P8
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 10
 Date & Time Acquired :: 2021-05-03 17:03:51 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57897	59248	60560	59235	2.25	cps
Antimony	121-1	67	200	117	128	52.72	cps
Arsenic	75-2	27	31	40	33	20.38	cps
Barium	135-1	4684	4784	4868	4779	1.92	cps
Barium	137-1	8336	8636	8536	8503	1.80	cps
Beryllium	9-1	42	64	38	48	29.17	cps
Bismuth	209-1	1928015	1961713	1952190	1947306	0.89	cps
Bismuth	209-2	1009871	1023643	1043846	1025787	1.67	cps
Boron	10-1	7266	8269	8941	8159	10.33	cps
Boron	11-1	32992	37155	39503	36550	9.02	cps
Bromine	81-1	1832	1922	2142	1966	8.12	cps
Cadmium	111-1	231	186	228	215	11.64	cps
Cadmium	106-1	892	858	908	886	2.87	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Calcium	43-1	170651	174220	171937	172269	1.05	cps
Calcium	44-1	2956376	3003690	3025689	2995252	1.18	cps
Carbon	12-1	2606776	2701508	2627771	2645351	1.88	cps
Carbon	12-2	32085	33005	32503	32531	1.42	cps
Chlorine	35-1	11667900	14058578	15774686	13833721	14.91	cps
Chlorine	35-2	148817	162168	174189	161725	7.85	cps
Chromium	52-2	1833	1760	1857	1817	2.78	cps
Cobalt	59-2	11682	11845	11985	11837	1.28	cps
Copper	63-2	26735	27417	28365	27506	2.98	cps
Dysprosium	156-1	2517	2467	2350	2445	3.50	cps
Dysprosium	156-2	1353	1277	1377	1336	3.92	cps
Erbium	164-1	3601	3367	3609	3526	3.89	cps
Erbium	164-2	1637	1527	1680	1615	4.90	cps
Gadolinium	160-1	2684	2792	2759	2745	2.02	cps
Gadolinium	160-2	1567	1587	1593	1582	0.88	cps
Holmium	165-1	3066825	3095675	3118809	3093769	0.84	cps
Holmium	165-2	1397888	1437537	1462173	1432533	2.26	cps
Indium	115-1	2562617	2541441	2545834	2549964	0.44	cps
Indium	115-2	400922	406711	416318	407984	1.91	cps
Iron	54-2	371290	377355	389516	379387	2.45	cps
Iron	56-2	7239076	7276653	7380245	7298658	1.00	cps
Iron	57-2	170349	172064	177591	173335	2.18	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-03DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 17:03:51	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1867	1907	1760	1845	4.11	cps
Lead	206-1	956	944	894	932	3.49	cps
Lead	207-1	839	794	756	796	5.24	cps
Lead	208-1	3684	3756	3450	3630	4.40	cps
Lithium	6-1	779438	801383	795018	791946	1.43	cps
Magnesium	24-2	152409	152947	159651	155002	2.60	cps
Manganese	55-2	116338	119430	123722	119830	3.09	cps
Molybdenum	94-1	267	233	233	244	7.87	cps
Molybdenum	95-1	67	58	42	56	22.91	cps
Molybdenum	96-1	117	125	125	122	3.93	cps
Molybdenum	97-1	33	25	17	25	33.32	cps
Molybdenum	98-1	42	58	58	53	18.23	cps
Neodymium	150-1	2587	3127	2667	2794	10.43	cps
Neodymium	150-2	1050	967	1117	1044	7.20	cps
Nickel	60-2	1917	1760	1830	1836	4.28	cps
Phosphorus	31-2	250	383	258	297	25.13	cps
Potassium	39-2	26725	27719	28253	27566	2.81	cps
Rhodium	103-1	2572376	2580129	2655045	2602517	1.75	cps
Rhodium	103-2	1178377	1199694	1213432	1197168	1.48	cps
Scandium	45-1	1744185	1789299	1781267	1771584	1.36	cps
Scandium	45-2	57307	58458	60219	58661	2.50	cps
Selenium	82-1	84	27	156	89	72.95	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	27	32	33	31	10.48	cps
Silicon	28-1	10815964	10891528	10934857	10880783	0.55	cps
Silver	107-1	100	150	158	136	23.18	cps
Silver	109-1	75	67	67	69	6.93	cps
Sodium	23-2	585710	596294	616604	599536	2.62	cps
Strontium	86-1	43970	44045	44220	44078	0.29	cps
Strontium	88-1	354763	358566	351161	354830	1.04	cps
Sulfur	34-1	720270	722161	714007	718813	0.59	cps
Terbium	159-1	3213399	3247180	3217715	3226098	0.57	cps
Terbium	159-2	1422284	1450826	1563787	1478966	5.06	cps
Thallium	203-1	83	42	133	86	53.30	cps
Thallium	205-1	333	300	342	325	6.78	cps
Tin	118-1	625	500	608	578	11.75	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	M2175-03DLX10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-03 17:03:51	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	392	308	342	12.91	cps
Uranium	238-1	2692	2717	2592	2667	2.48	cps
Vanadium	51-2	7946	8663	8616	8408	4.77	cps
Ytterbium	172-1	1167	1142	1083	1131	3.78	cps
Ytterbium	172-2	583	578	550	570	3.13	cps
Ytterbium	176-1	1050	1117	992	1053	5.94	cps
Ytterbium	176-2	517	439	583	513	14.09	cps
Yttrium	89-1	4218413	4370795	4332391	4307199	1.84	cps
Yttrium	89-2	490292	487977	507633	495301	2.17	cps
Zinc	66-2	9936	9970	10347	10084	2.27	cps
Zirconium	90-1	633	558	633	608	7.12	cps
Zirconium	91-1	125	158	158	147	13.07	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:15:48	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	707511	711915	733232	717552	1.92	cps
Antimony	121-1	969260	994400	982487	982049	1.28	cps
Arsenic	75-2	35289	35236	36141	35555	1.43	cps
Barium	135-1	991327	1018822	1006373	1005507	1.37	cps
Barium	137-1	1818992	1847879	1826391	1831087	0.82	cps
Beryllium	9-1	267246	274501	271545	271097	1.35	cps
Bismuth	209-1	1813734	1822334	1985744	1873937	5.17	cps
Bismuth	209-2	973630	990603	1026861	997031	2.73	cps
Boron	10-1	19467	21195	22397	21019	7.01	cps
Boron	11-1	86800	94548	97850	93066	6.09	cps
Bromine	81-1	1472	1382	1492	1448	4.05	cps
Cadmium	111-1	204485	214274	209781	209514	2.34	cps
Cadmium	106-1	22410	22636	22769	22605	0.80	cps
Cadmium	108-1	15672	15959	15722	15784	0.97	cps
Calcium	43-1	1393185	1426847	1442768	1420933	1.78	cps
Calcium	44-1	22349060	23178473	22533744	22687092	1.92	cps
Carbon	12-1	2719509	2842394	2872482	2811462	2.88	cps
Carbon	12-2	37615	36638	37741	37331	1.62	cps
Chlorine	35-1	1395479	1353638	1340532	1363216	2.11	cps
Chlorine	35-2	11622	11588	11563	11591	0.25	cps
Chromium	52-2	289104	294342	300224	294557	1.89	cps
Cobalt	59-2	495883	499492	509493	501623	1.41	cps
Copper	63-2	4065189	3970214	4137523	4057642	2.07	cps
Dysprosium	156-1	217	225	258	233	9.45	cps
Dysprosium	156-2	163	107	93	121	30.69	cps
Erbium	164-1	50	67	58	58	14.29	cps
Erbium	164-2	43	43	20	36	37.89	cps
Gadolinium	160-1	242	200	350	264	29.34	cps
Gadolinium	160-2	177	180	147	168	10.94	cps
Holmium	165-1	2929140	2904107	3198992	3010746	5.43	cps
Holmium	165-2	1398905	1411369	1480533	1430269	3.07	cps
Indium	115-1	2395714	2397602	2673712	2489009	6.43	cps
Indium	115-2	389966	396273	413382	399874	3.03	cps
Iron	54-2	3387964	3368355	3472132	3409484	1.62	cps
Iron	56-2	60881199	59290196	61427996	60533130	1.83	cps
Iron	57-2	1561702	1495037	1578674	1545138	2.86	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:15:48	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1917	1597	1810	1775	9.18	cps
Lead	206-1	3397623	3416878	3366345	3393616	0.75	cps
Lead	207-1	2955020	3067624	3014593	3012412	1.87	cps
Lead	208-1	13405840	13719061	13498313	13541071	1.19	cps
Lithium	6-1	724860	729684	791322	748622	4.95	cps
Magnesium	24-2	10517235	10671578	11095374	10761396	2.78	cps
Manganese	55-2	1478355	1491816	1511484	1493885	1.12	cps
Molybdenum	94-1	2042803	2039160	2058710	2046891	0.51	cps
Molybdenum	95-1	2553724	2633101	2562553	2583126	1.68	cps
Molybdenum	96-1	2815522	2880469	2824432	2840141	1.24	cps
Molybdenum	97-1	1547225	1615135	1622621	1594993	2.60	cps
Molybdenum	98-1	3971211	4154315	4065638	4063722	2.25	cps
Neodymium	150-1	33	47	33	38	20.39	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	138765	142149	143954	141623	1.86	cps
Phosphorus	31-2	9912	8911	9186	9337	5.54	cps
Potassium	39-2	3806955	3743097	3915257	3821769	2.28	cps
Rhodium	103-1	2396991	2373234	2675567	2481931	6.77	cps
Rhodium	103-2	1133004	1143831	1185300	1154045	2.39	cps
Scandium	45-1	1709821	1733694	1894433	1779316	5.64	cps
Scandium	45-2	57806	59472	60975	59418	2.67	cps
Selenium	82-1	14321	14993	14540	14618	2.35	cps
Selenium	77-2	487	463	553	501	9.32	cps
Selenium	78-2	1657	1745	1702	1702	2.59	cps
Silicon	28-1	6662464	6798124	6675366	6711985	1.12	cps
Silver	107-1	1225210	1254035	1244630	1241292	1.18	cps
Silver	109-1	1164183	1195508	1180161	1179951	1.33	cps
Sodium	23-2	19843644	19881101	20240018	19988254	1.09	cps
Strontium	86-1	2936603	2966093	2924712	2942469	0.72	cps
Strontium	88-1	24441088	25012838	24496555	24650160	1.28	cps
Sulfur	34-1	454331	454091	451074	453165	0.40	cps
Terbium	159-1	3047705	3092819	3369810	3170111	5.50	cps
Terbium	159-2	1404312	1524203	1584542	1504352	6.10	cps
Thallium	203-1	732732	764329	754614	750558	2.16	cps
Thallium	205-1	1906735	1934728	1902193	1914552	0.92	cps
Tin	118-1	681394	693050	694745	689730	1.05	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:15:48	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	671144	705662	692397	689734	2.52	cps
Uranium	238-1	2540235	2599518	2582101	2573951	1.18	cps
Vanadium	51-2	228669	228195	234893	230586	1.62	cps
Ytterbium	172-1	17	25	17	19	24.73	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	400	325	342	356	11.08	cps
Ytterbium	176-2	150	161	111	141	18.66	cps
Yttrium	89-1	4160602	4089123	4461204	4236976	4.66	cps
Yttrium	89-2	477109	485330	502786	488408	2.68	cps
Zinc	66-2	676984	678119	696723	683942	1.62	cps
Zirconium	90-1	1588095	1643013	1618160	1616423	1.70	cps
Zirconium	91-1	344295	348590	344460	345782	0.70	cps

LB Number : LB114261 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P8
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-03 17:23:46 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	215	226	211	8.13	cps
Antimony	121-1	58	133	92	94	39.79	cps
Arsenic	75-2	6	3	9	6	50.00	cps
Barium	135-1	33	17	8	19	65.47	cps
Barium	137-1	25	0	50	25	100.00	cps
Beryllium	9-1	8	18	16	14	37.80	cps
Bismuth	209-1	1756803	2069266	2106733	1977601	9.72	cps
Bismuth	209-2	1011443	1032230	1049720	1031131	1.86	cps
Boron	10-1	1358	1364	1356	1359	0.31	cps
Boron	11-1	5882	5794	5780	5819	0.95	cps
Bromine	81-1	1632	1281	1402	1438	12.38	cps
Cadmium	111-1	158	190	209	186	13.94	cps
Cadmium	106-1	658	825	950	811	18.04	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	141	177	160	160	11.36	cps
Calcium	44-1	51022	49402	48664	49696	2.43	cps
Carbon	12-1	2478921	2459318	2523196	2487145	1.32	cps
Carbon	12-2	31100	29948	30891	30646	2.00	cps
Chlorine	35-1	768929	770676	767296	768967	0.22	cps
Chlorine	35-2	6327	7060	6568	6652	5.62	cps
Chromium	52-2	1093	1150	1097	1113	2.86	cps
Cobalt	59-2	37	47	27	37	27.27	cps
Copper	63-2	233	250	267	250	6.67	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	17	8	11	43.34	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	8	42	33	28	62.46	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	2781634	3237103	3321953	3113564	9.33	cps
Holmium	165-2	1404455	1436915	1443722	1428364	1.47	cps
Indium	115-1	2393416	2679229	2789939	2620861	7.81	cps
Indium	115-2	401505	414558	412099	409387	1.69	cps
Iron	54-2	539	433	561	511	13.36	cps
Iron	56-2	2367	2417	2500	2428	2.78	cps
Iron	57-2	61	111	100	91	28.93	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:23:46	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1873	1930	1883	1896	1.60	cps
Lead	206-1	800	711	572	694	16.53	cps
Lead	207-1	761	572	694	676	14.17	cps
Lead	208-1	3261	2822	2900	2995	7.82	cps
Lithium	6-1	710737	797660	865169	791189	9.79	cps
Magnesium	24-2	308	317	308	311	1.55	cps
Manganese	55-2	101	84	94	93	8.90	cps
Molybdenum	94-1	75	208	108	131	53.15	cps
Molybdenum	95-1	108	75	42	75	44.44	cps
Molybdenum	96-1	125	158	142	142	11.77	cps
Molybdenum	97-1	50	75	75	67	21.65	cps
Molybdenum	98-1	100	83	50	78	32.73	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	73	43	57	26.96	cps
Phosphorus	31-2	125	125	83	111	21.65	cps
Potassium	39-2	19413	20131	19831	19792	1.82	cps
Rhodium	103-1	2373097	2675430	2909231	2652586	10.13	cps
Rhodium	103-2	1168145	1202221	1185821	1185396	1.44	cps
Scandium	45-1	1651096	1848840	1951162	1817033	8.40	cps
Scandium	45-2	57742	58468	60282	58831	2.22	cps
Selenium	82-1	62	-11	10	20	185.40	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	24	18	17	20	19.25	cps
Silicon	28-1	5980190	6043771	6089267	6037743	0.91	cps
Silver	107-1	67	83	75	75	11.11	cps
Silver	109-1	125	92	108	108	15.38	cps
Sodium	23-2	31384	30825	29739	30649	2.73	cps
Strontium	86-1	2934	2692	2950	2859	5.06	cps
Strontium	88-1	283	300	375	319	15.29	cps
Sulfur	34-1	385704	384193	386078	385325	0.26	cps
Terbium	159-1	2959237	3366474	3520237	3281983	8.83	cps
Terbium	159-2	1421275	1444634	1447365	1437758	1.00	cps
Thallium	203-1	250	333	142	242	39.77	cps
Thallium	205-1	575	525	508	536	6.47	cps
Tin	118-1	150	183	208	181	16.21	cps

LB Number :	LB114261	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-05-03 17:23:46	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	200	292	239	19.84	cps
Uranium	238-1	75	25	33	44	60.28	cps
Vanadium	51-2	13	7	3	8	65.47	cps
Ytterbium	172-1	0	8	17	8	100.02	cps
Ytterbium	172-2	0	0	6	2	173.21	cps
Ytterbium	176-1	308	333	400	347	13.65	cps
Ytterbium	176-2	117	144	128	130	10.79	cps
Yttrium	89-1	3946050	4405366	4729076	4360164	9.02	cps
Yttrium	89-2	482443	493585	492904	489644	1.28	cps
Zinc	66-2	187	158	145	163	13.25	cps
Zirconium	90-1	167	183	258	203	24.08	cps
Zirconium	91-1	50	83	42	58	37.80	cps