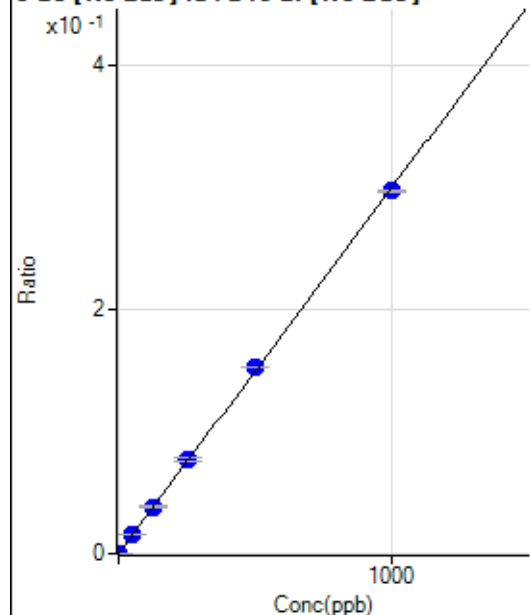


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8032521 MS.b\
Analysis File: P8032521 MS.batch.bin
DA Date-Time: 2021-03-25 16:07:49
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2021-03-25 10:38:34
2	007CALS.d	S02	2021-03-25 10:48:20
3	008CALS.d	S03	2021-03-25 10:51:31
4	009CALS.d	S04	2021-03-25 10:54:40
5	010CALS.d	S05	2021-03-25 10:57:45
6	011CALS.d	S06	2021-03-25 11:00:43
7	012CALS.d	S07	2021-03-25 11:03:43
8	013CALS.d	S08	2021-03-25 11:06:42

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32.66	0.0000	P	25.3
2	☐	1.000	1.010	789.87	0.0003	P	7.1
3	☐	50.000	51.868	39049.04	0.0155	P	2.4
4	☐	125.000	127.983	97587.44	0.0383	P	3.7
5	☐	250.000	258.487	195299.96	0.0773	P	3.3
6	☐	500.000	509.986	397645.80	0.1524	P	0.7
7	☐	1000.000	992.419	781619.28	0.2966	P	0.4
8	☐			220.63	0.0001	P	6.9

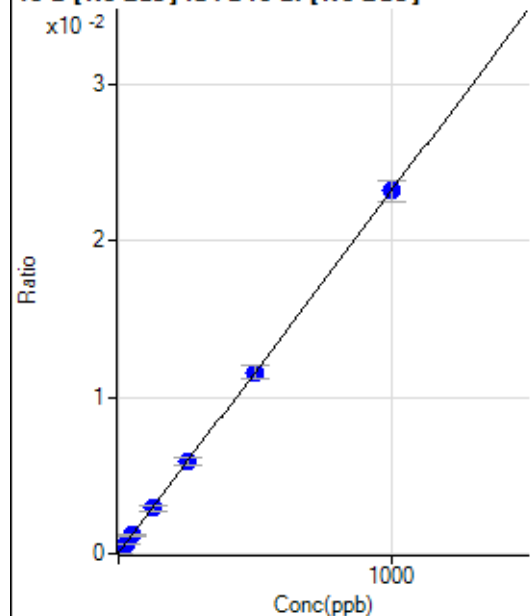
$$y = 2.9886\text{E-}004 * x + 1.3081\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.03319$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	87.98	0.0000	P	15.1
2	☐	25.000	25.941	1595.11	0.0006	P	5.1
3	☐	50.000	49.625	2981.06	0.0012	P	6.6
4	☐	125.000	123.369	7368.41	0.0029	P	10.3
5	☐	250.000	254.167	14962.01	0.0059	P	8.8
6	☐	500.000	498.883	30243.75	0.0116	P	7.5
7	☐	1000.000	999.716	61110.66	0.0232	P	5.6
8	☐			9419.17	0.0036	P	8.7

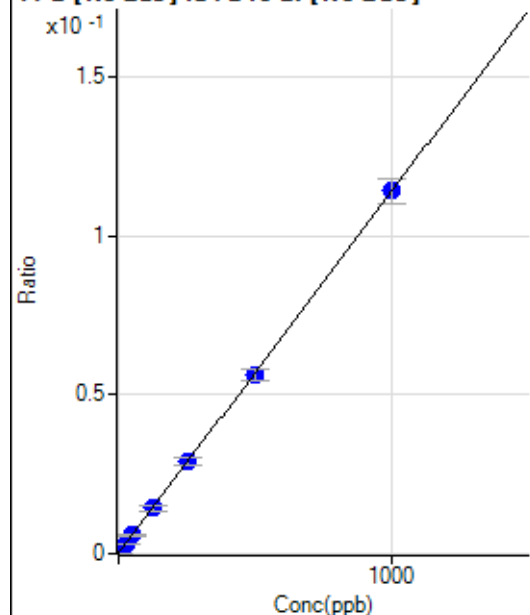
$$y = 2.3163\text{E-}005 * x + 3.5164\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.6894$$

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	330.60	0.0001	P	10.8
2	☐	25.000	26.173	7813.89	0.0031	P	8.3
3	☐	50.000	51.582	15123.47	0.0060	P	8.9
4	☐	125.000	124.071	36367.63	0.0143	P	9.3
5	☐	250.000	252.877	73123.81	0.0290	P	9.4
6	☐	500.000	495.025	147564.98	0.0566	P	6.4
7	☐	1000.000	1001.776	301217.30	0.1143	P	6.7
8	☐			45131.55	0.0170	P	8.4

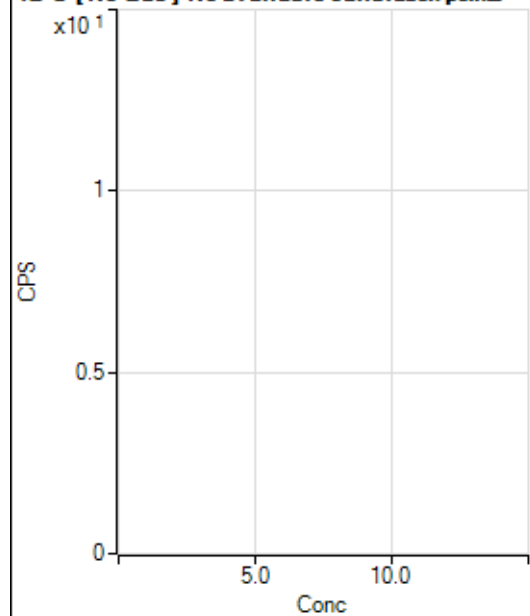
$$y = 1.1398E-004 * x + 1.3243E-004$$

$$R = 1.0000$$

$$DL = 0.3771$$

Weight: <None>

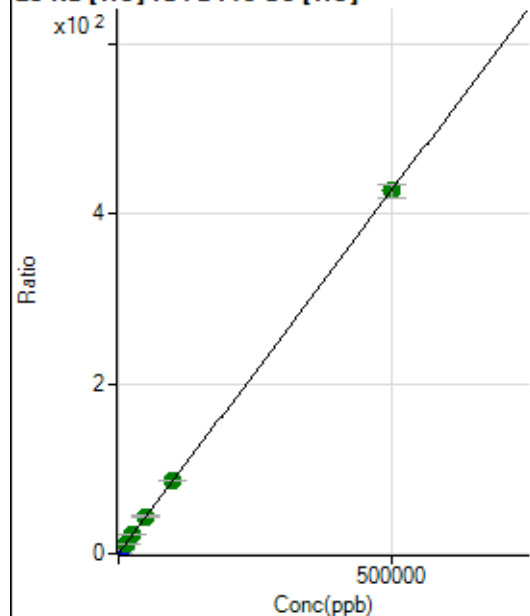
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27025.54	0.1933	P	1.6
2	☐	500.000	499.967	87151.49	0.6206	P	0.5
3	☐	5000.000	5215.142	661426.40	4.6504	P	1.1
4	☐	12500.000	13322.107	1615635.15	11.5789	A	0.2
5	☐	25000.000	25843.831	3152146.80	22.2805	A	2.7
6	☐	50000.000	51390.141	6318000.75	44.1134	A	0.9
7	☐	100000.00	101014.96	12477160.96	86.5247	A	0.4
8	☐	500000.00	499593.09	61072781.23	427.1655	A	3.8

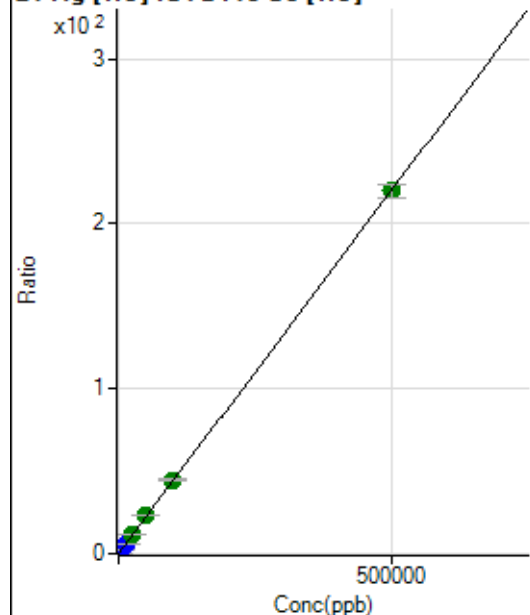
$$y = 8.5464\text{E-}004 * x + 0.1933$$

$$R = 1.0000$$

$$DL = 10.64$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	744.49	0.0053	P	20.6
2	☐	500.000	522.877	33076.98	0.2356	P	1.0
3	☐	5000.000	5309.074	333246.71	2.3430	P	1.2
4	☐	12500.000	13458.223	827544.74	5.9312	P	1.0
5	☐	25000.000	26175.299	1631496.52	11.5308	A	1.5
6	☐	50000.000	52019.074	3281262.36	22.9103	A	0.8
7	☐	100000.00	101594.49	6451406.79	44.7393	A	1.0
8	☐	500000.00	499393.36	31441326.40	219.8978	A	3.5

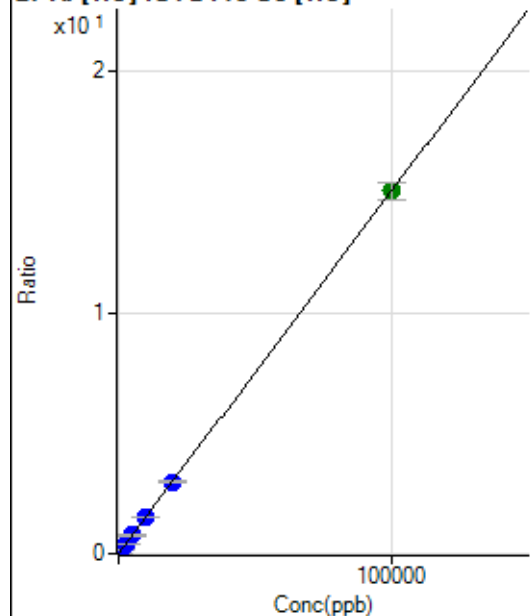
$$y = 4.4032\text{E-}004 * x + 0.0053$$

$$R = 1.0000$$

$$DL = 7.469$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	387.46	0.0028	P	4.0
2	☐	20.000	20.008	812.01	0.0058	P	1.9
3	☐	1000.000	994.701	21676.69	0.1524	P	0.4
4	☐	2500.000	2556.444	54040.97	0.3873	P	1.0
5	☐	5000.000	5028.288	107417.36	0.7592	P	1.0
6	☐	10000.000	10054.997	217023.78	1.5153	P	0.8
7	☐	20000.000	19792.783	429731.11	2.9801	P	0.9
8	☐	100000.00	100033.17	2151304.09	15.0502	A	4.7

$$y = 1.5042\text{E-}004 * x + 0.0028$$

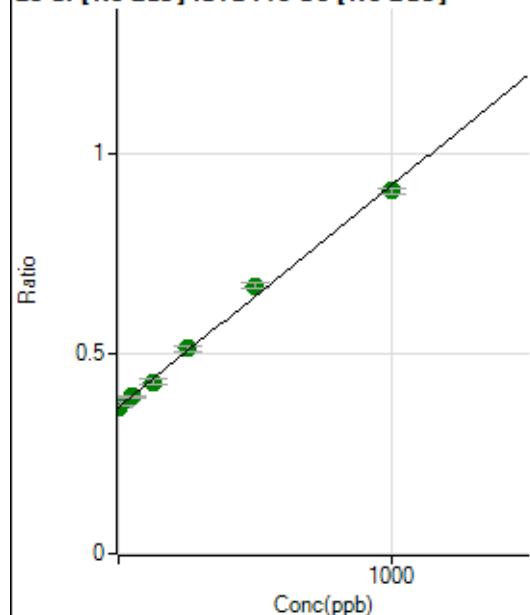
$$R = 1.0000$$

$$DL = 2.186$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1272133.66	0.3666	A	1.8
2	☐	10.000	17.420	1288556.87	0.3763	A	2.4
3	☐	50.000	46.914	1368208.69	0.3926	A	0.9
4	☐	125.000	112.546	1551044.42	0.4289	A	3.3
5	☐	250.000	263.930	1840389.04	0.5126	A	3.1
6	☐	500.000	547.068	2422176.14	0.6691	A	2.0
7	☐	1000.000	974.620	3403438.31	0.9055	A	1.9
8	☐			1767576.19	0.4851	A	6.1

$$y = 5.5293\text{E-}004 * x + 0.3666$$

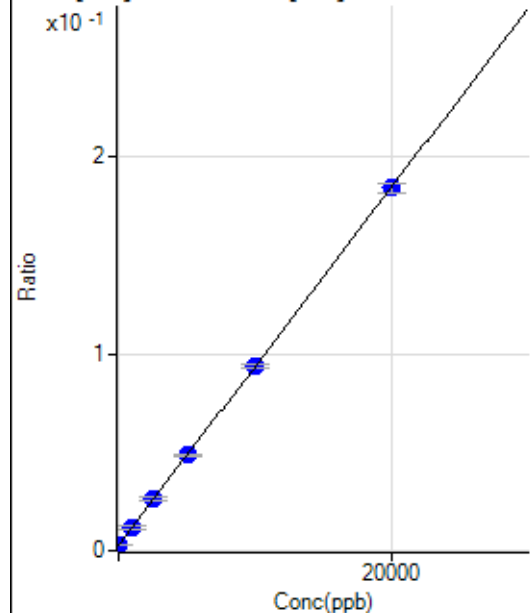
$$R = 0.9980$$

$$DL = 35.94$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	19.182	411.13	0.0029	P	10.0
2	☐	0.000	-19.182	363.90	0.0026	P	5.5
3	☐	1000.000	986.746	1669.58	0.0117	P	10.0
4	☐	2500.000	2604.274	3689.46	0.0264	P	6.9
5	☐	5000.000	5051.954	6890.69	0.0487	P	2.1
6	☐	10000.000	10018.811	13442.67	0.0939	P	1.5
7	☐	20000.000	19965.234	26577.65	0.1843	P	2.5
8	☐			313.90	0.0022	P	25.6

$$y = 9.0922\text{E-}006 * x + 0.0028$$

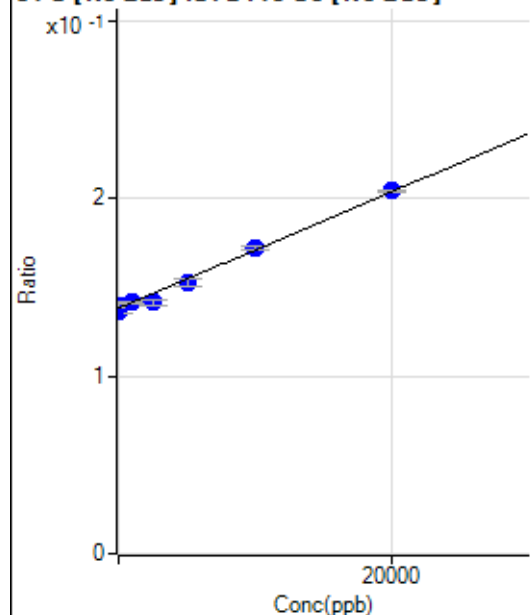
$$R = 1.0000$$

$$DL = 71.98$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-545.868	472850.03	0.1363	P	1.5
2	☐	0.000	545.868	478965.74	0.1398	P	1.6
3	☐	1000.000	937.653	491842.66	0.1411	P	1.2
4	☐	2500.000	1010.127	511374.76	0.1414	P	2.0
5	☐	5000.000	4484.355	548429.79	0.1527	P	2.6
6	☐	10000.000	10340.611	622213.72	0.1719	P	0.6
7	☐	20000.000	20147.957	766631.81	0.2040	P	0.5
8	☐			437816.10	0.1201	P	2.2

$$y = 3.2714\text{E-}006 * x + 0.1381$$

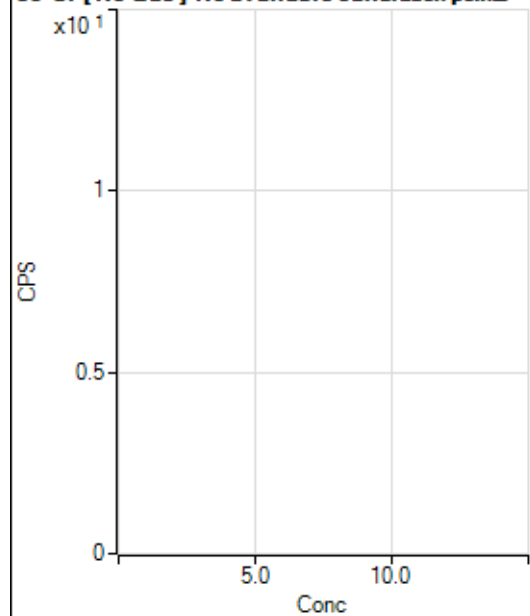
R = 0.9961

DL = 1955

Weight: <None>

Min Conc: 0

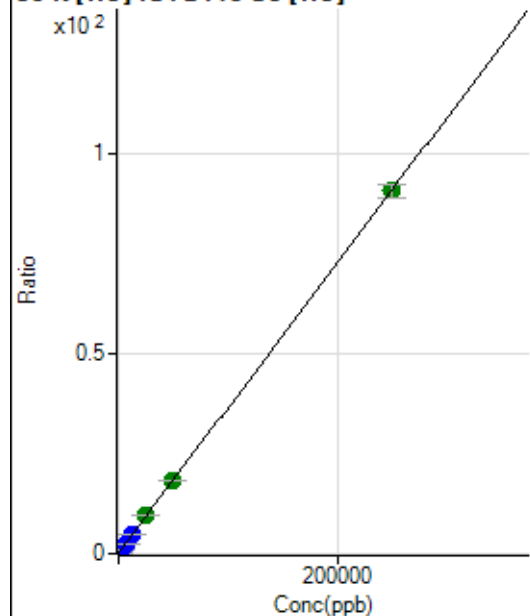
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	28036.08	0.2006	P	1.1
2	☐	500.000	490.260	53034.30	0.3777	P	0.7
3	☐	2500.000	2525.435	158299.85	1.1130	P	1.1
4	☐	6250.000	6483.887	354819.91	2.5431	P	1.2
5	☐	12500.000	12861.653	685834.09	4.8474	P	1.9
6	☐	25000.000	25434.025	1344823.67	9.3897	A	0.5
7	☐	50000.000	49962.510	2632027.97	18.2516	A	0.7
8	☐	250000.00	249939.93	12939414.35	90.5019	A	3.8

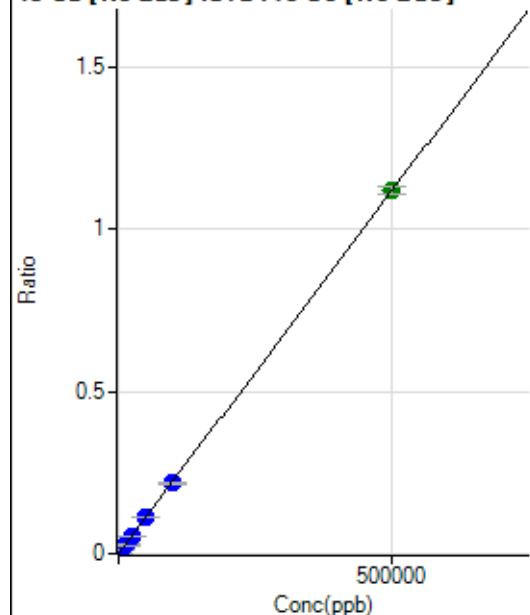
$$y = 3.6129E-004 * x + 0.2006$$

$$R = 1.0000$$

$$DL = 17.61$$

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	468.28	0.0001	P	6.1
2	☐	500.000	474.259	4086.76	0.0012	P	3.1
3	☐	5000.000	4947.711	38955.54	0.0112	P	0.9
4	☐	12500.000	11950.668	96969.86	0.0268	P	2.2
5	☐	25000.000	24537.681	197090.79	0.0549	P	3.8
6	☐	50000.000	49809.856	402909.19	0.1113	P	1.1
7	☐	100000.00	96950.124	813770.98	0.2165	P	0.5
8	☐	500000.00	500666.38	4073785.86	1.1176	A	2.1

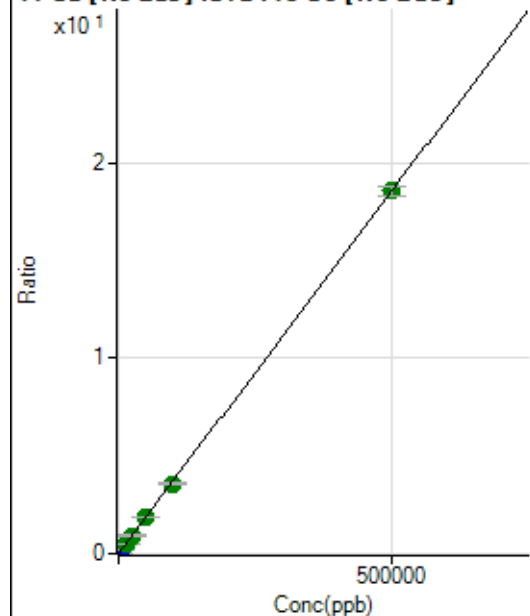
$$y = 2.2319\text{E-}006 * x + 1.3499\text{E-}004$$

$$R = 1.0000$$

$$DL = 11.14$$

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	21608.58	0.0062	P	0.7
2	☐	500.000	478.271	82078.96	0.0240	P	2.2
3	☐	5000.000	4971.851	664411.00	0.1906	P	1.2
4	☐	12500.000	12195.768	1658469.37	0.4586	A	3.9
5	☐	25000.000	24706.027	3311825.38	0.9226	A	4.5
6	☐	50000.000	49447.166	6661810.93	1.8404	A	0.8
7	☐	100000.00	96508.729	13477789.78	3.5860	A	1.8
8	☐	500000.00	500776.14	67727229.62	18.5814	A	2.8

$$y = 3.7093\text{E-}005 * x + 0.0062$$

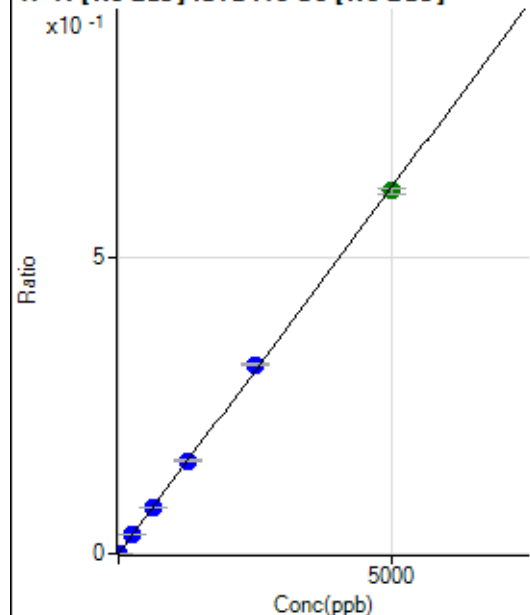
$$R = 1.0000$$

$$DL = 3.753$$

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	319.46	0.0001	P	16.1
2	☐	5.000	5.491	2641.98	0.0008	P	10.4
3	☐	250.000	257.743	111240.62	0.0319	P	2.1
4	☐	625.000	630.404	281930.02	0.0779	P	2.0
5	☐	1250.000	1270.998	563797.59	0.1570	P	3.6
6	☐	2500.000	2581.159	1154095.23	0.3188	P	0.3
7	☐	5000.000	4953.108	2299172.60	0.6117	A	1.7
8	☐			641.70	0.0002	P	3.8

$$y = 1.2348\text{E-}004 * x + 9.2091\text{E-}005$$

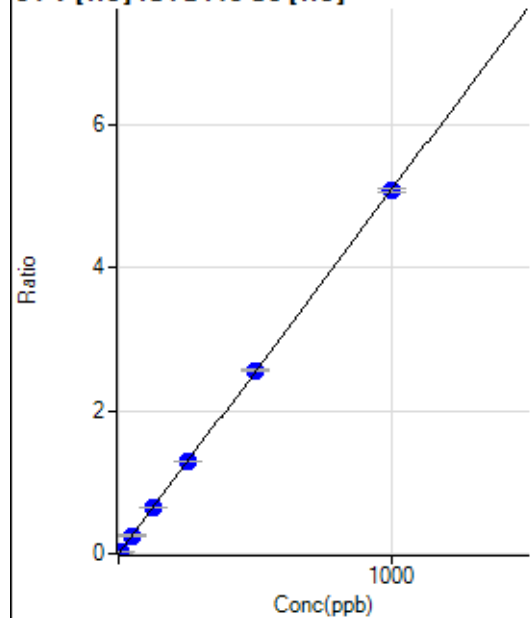
$$R = 0.9998$$

$$DL = 0.3606$$

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	5.55	0.0000	P	124.
2	☐	5.000	5.190	3711.62	0.0264	P	1.8
3	☐	50.000	49.843	36055.41	0.2535	P	2.5
4	☐	125.000	128.637	91277.54	0.6542	P	1.2
5	☐	250.000	252.449	181668.73	1.2839	P	0.7
6	☐	500.000	503.938	367054.35	2.5628	P	0.5
7	☐	1000.000	996.971	731104.36	5.0701	P	1.2
8	☐			122.22	0.0009	P	8.0

$$y = 0.0051 * x + 3.9765\text{E-}005$$

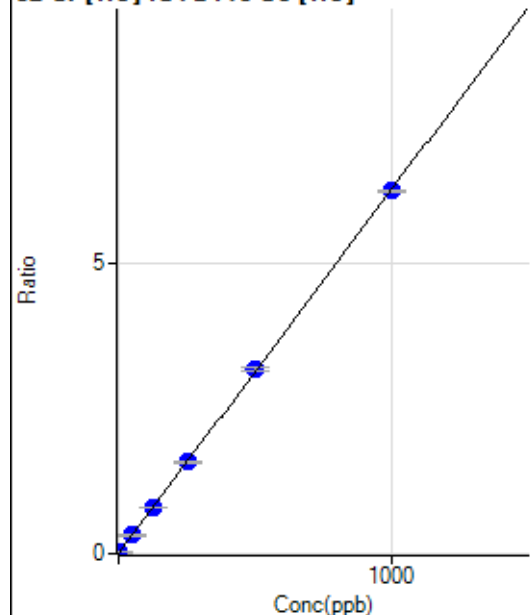
$$R = 1.0000$$

$$DL = 0.02927$$

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	633.35	0.0045	P	6.9
2	☐	2.000	1.971	2369.11	0.0169	P	1.7
3	☐	50.000	49.623	44845.58	0.3153	P	1.7
4	☐	125.000	127.790	112285.48	0.8048	P	1.2
5	☐	250.000	251.551	223520.13	1.5798	P	2.1
6	☐	500.000	505.647	454158.17	3.1711	P	1.5
7	☐	1000.000	996.459	900513.34	6.2447	P	0.7
8	☐			6335.90	0.0443	P	5.8

$$y = 0.0063 * x + 0.0045$$

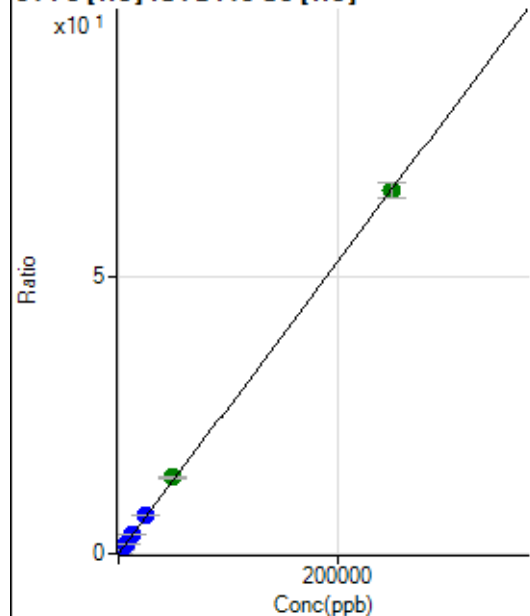
$$R = 1.0000$$

$$DL = 0.1504$$

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	511.13	0.0037	P	13.2
2	☐	50.000	46.913	2248.36	0.0160	P	4.8
3	☐	2500.000	2607.218	98212.96	0.6906	P	2.5
4	☐	6250.000	6614.609	243650.64	1.7464	P	1.4
5	☐	12500.000	13094.774	488682.13	3.4537	P	1.0
6	☐	25000.000	26047.540	983397.66	6.8662	P	0.8
7	☐	50000.000	52502.118	1995103.54	13.8361	A	1.8
8	☐	250000.00	249354.89	9392018.03	65.6996	A	4.3

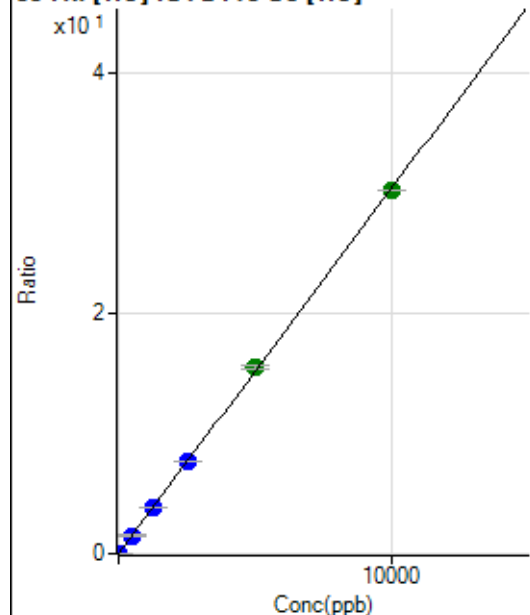
$$y = 2.6346E-004 * x + 0.0037$$

$$R = 0.9999$$

$$DL = 5.488$$

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	68.89	0.0005	P	10.8
2	☐	1.000	1.039	513.35	0.0037	P	2.0
3	☐	500.000	499.904	216480.49	1.5221	P	1.4
4	☐	1250.000	1281.065	544101.35	3.8997	P	0.9
5	☐	2500.000	2519.048	1084994.50	7.6678	P	0.7
6	☐	5000.000	5116.912	2230624.60	15.5750	A	1.6
7	☐	10000.000	9932.904	4359815.04	30.2335	A	0.2
8	☐			3099.32	0.0217	P	12.7

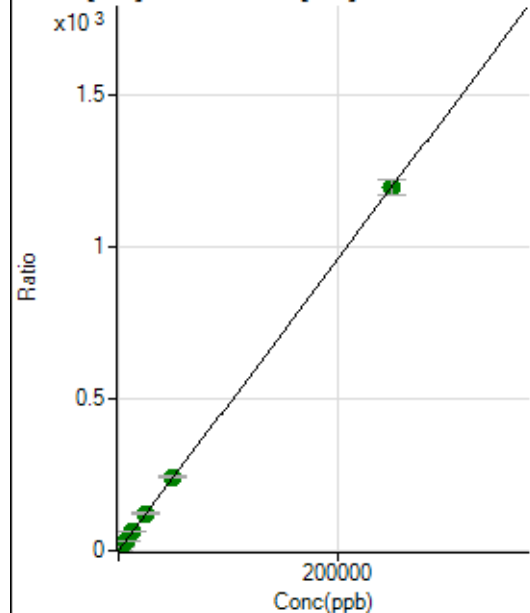
$$y = 0.0030 * x + 4.9265E-004$$

$$R = 0.9999$$

$$DL = 0.05255$$

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	4102.51	0.0293	P	2.6
2	☐	50.000	48.460	36630.68	0.2609	P	1.4
3	☐	2500.000	2574.351	1753621.60	12.3287	A	1.3
4	☐	6250.000	6619.448	4416481.64	31.6548	A	1.2
5	☐	12500.000	12825.529	8674102.80	61.3053	A	1.5
6	☐	25000.000	25741.029	17618078.29	123.0110	A	0.6
7	☐	50000.000	50915.139	35081759.35	243.2841	A	0.9
8	☐	250000.00	249716.61	170557272.3	1,193.088	A	4.3

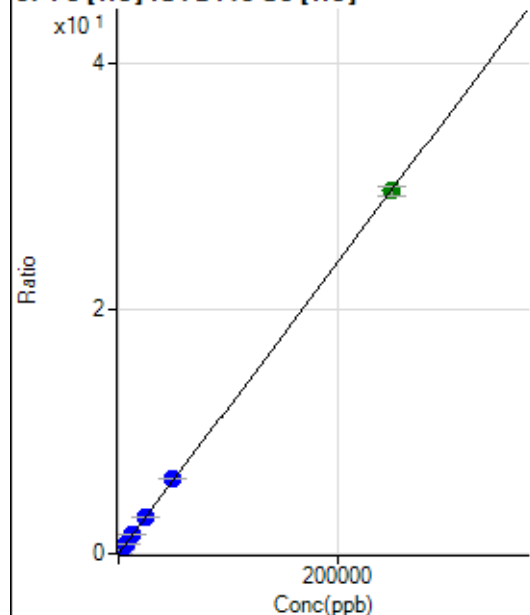
$$y = 0.0048 * x + 0.0293$$

$$R = 1.0000$$

$$DL = 0.4862$$

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	201.86	0.0014	P	25.2
2	☐	50.000	49.502	1027.83	0.0073	P	2.6
3	☐	2500.000	2532.906	42944.42	0.3020	P	2.7
4	☐	6250.000	6497.992	107768.87	0.7724	P	0.6
5	☐	12500.000	12829.145	215567.07	1.5235	P	1.2
6	☐	25000.000	25684.323	436635.68	3.0486	P	0.7
7	☐	50000.000	51115.696	874718.02	6.0658	P	0.2
8	☐	250000.00	249685.44	4236347.96	29.6242	A	2.9

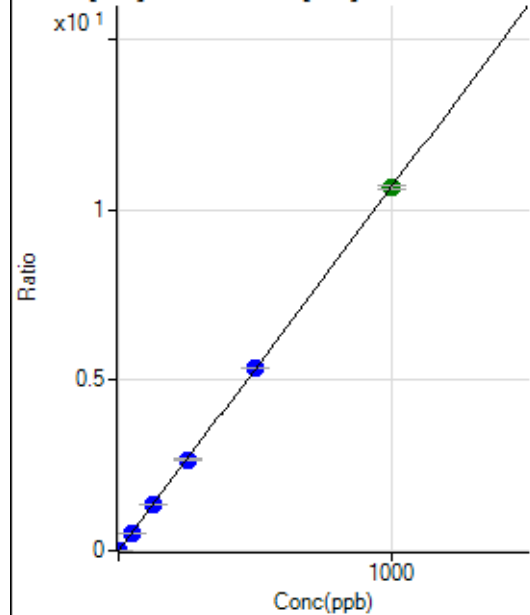
$$y = 1.1864\text{E-}004 * x + 0.0014$$

$$R = 1.0000$$

$$DL = 9.224$$

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	50.00	0.0004	P	33.2
2	☐	1.000	0.982	1521.21	0.0108	P	10.6
3	☐	50.000	49.575	75274.26	0.5292	P	1.3
4	☐	125.000	127.467	189780.08	1.3602	P	1.3
5	☐	250.000	250.952	378877.32	2.6776	P	1.1
6	☐	500.000	503.185	768917.53	5.3686	P	0.3
7	☐	1000.000	997.882	1535200.20	10.6463	A	1.0
8	☐			2146.85	0.0150	P	4.8

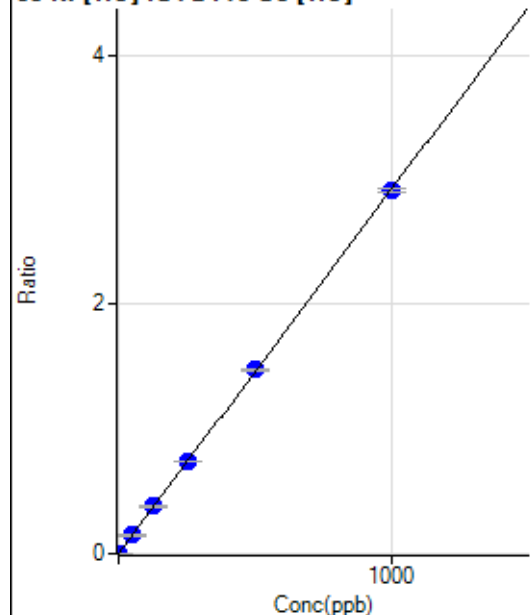
$$y = 0.0107 * x + 3.5751\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.0334$$

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	76.67	0.0005	P	8.3
2	☐	1.000	1.141	545.57	0.0039	P	5.7
3	☐	50.000	50.010	20885.39	0.1468	P	0.6
4	☐	125.000	129.380	52880.19	0.3790	P	1.9
5	☐	250.000	254.371	105367.74	0.7446	P	0.8
6	☐	500.000	505.181	211731.10	1.4783	P	0.8
7	☐	1000.000	995.769	420110.76	2.9134	P	1.1
8	☐			2047.95	0.0143	P	1.0

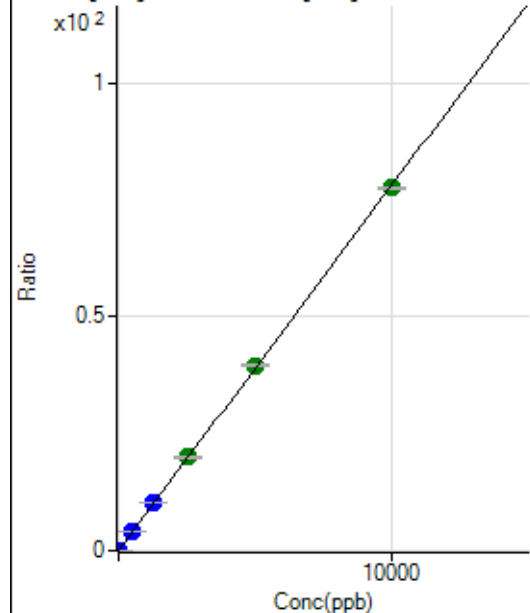
$$y = 0.0029 * x + 5.4830E-004$$

$$R = 1.0000$$

$$DL = 0.0464$$

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	508.91	0.0036	P	4.3
2	☐	2.000	2.255	2985.90	0.0213	P	2.5
3	☐	500.000	510.954	568205.04	3.9951	P	1.5
4	☐	1250.000	1305.649	1423583.47	10.2030	P	0.7
5	☐	2500.000	2564.159	2834674.33	20.0341	A	1.3
6	☐	5000.000	5081.244	5685831.72	39.6967	A	1.3
7	☐	10000.000	9935.834	11192820.25	77.6193	A	0.8
8	☐			6948.43	0.0486	P	4.0

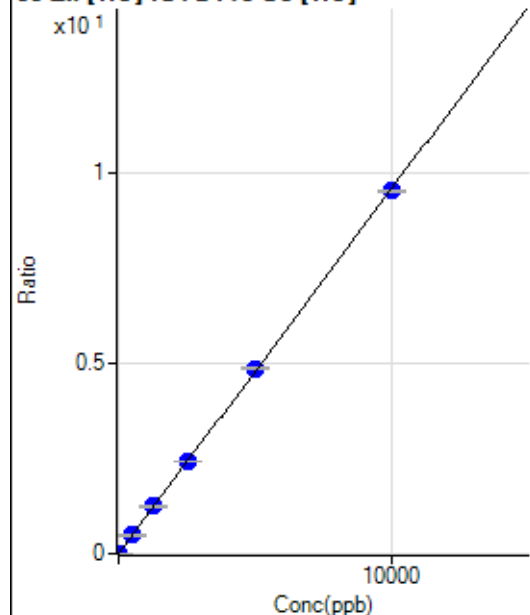
$$y = 0.0078 * x + 0.0036$$

$$R = 0.9999$$

$$DL = 0.06068$$

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	50.00	0.0004	P	48.1
2	☐	2.000	2.123	335.56	0.0024	P	19.7
3	☐	500.000	503.523	68724.36	0.4832	P	1.3
4	☐	1250.000	1293.933	173167.71	1.2411	P	0.9
5	☐	2500.000	2534.227	343907.54	2.4305	P	0.9
6	☐	5000.000	5079.714	697695.88	4.8714	P	0.5
7	☐	10000.000	9945.918	1375357.43	9.5376	P	0.3
8	☐			2080.18	0.0146	P	7.3

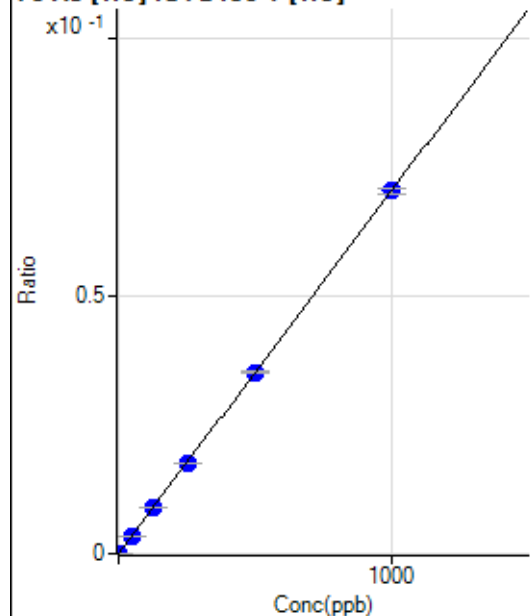
$$y = 9.5891E-004 * x + 3.5783E-004$$

$$R = 0.9999$$

$$DL = 0.5388$$

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	11.67	0.0000	P	33.7
2	☐	1.000	1.082	114.01	0.0001	P	15.7
3	☐	50.000	49.006	4665.58	0.0035	P	0.1
4	☐	125.000	127.099	12031.34	0.0090	P	1.2
5	☐	250.000	248.538	23993.71	0.0175	P	0.5
6	☐	500.000	500.469	48748.75	0.0353	P	0.7
7	☐	1000.000	999.918	97760.58	0.0705	P	1.5
8	☐			45.34	0.0000	P	28.0

$$y = 7.0458E-005 * x + 8.7555E-006$$

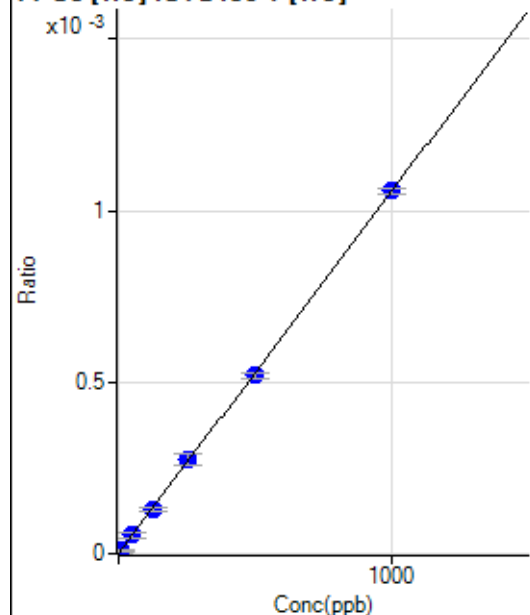
$$R = 1.0000$$

$$DL = 0.1255$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	7.846	12.22	0.0000	P	56.7
3	☐	50.000	50.090	72.22	0.0001	P	26.6
4	☐	125.000	121.616	173.34	0.0001	P	5.3
5	☐	250.000	260.702	377.79	0.0003	P	11.6
6	☐	500.000	492.143	718.91	0.0005	P	3.2
7	☐	1000.000	1001.658	1467.87	0.0011	P	1.2
8	☐			3.33	0.0000	P	99.0

$$y = 1.0552\text{E-}006 * x + 8.2513\text{E-}007$$

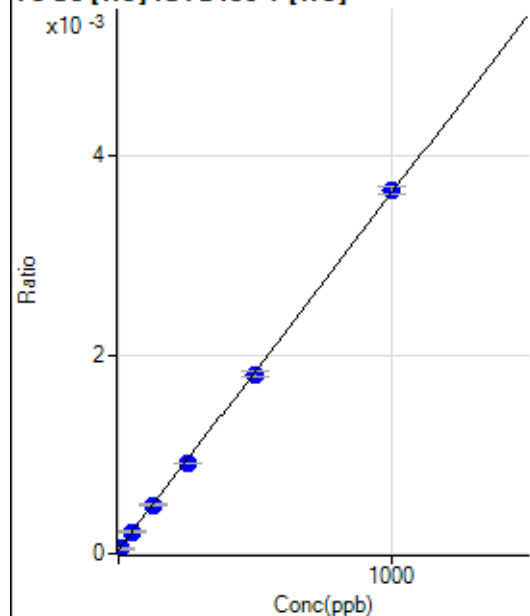
$$R = 0.9999$$

$$DL = 4.063$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54.01	0.0000	P	7.5
2	☐	5.000	2.305	65.34	0.0000	P	11.0
3	☐	50.000	49.448	293.70	0.0002	P	4.4
4	☐	125.000	124.690	654.75	0.0005	P	4.9
5	☐	250.000	242.250	1245.85	0.0009	P	1.9
6	☐	500.000	491.416	2493.14	0.0018	P	3.2
7	☐	1000.000	1006.309	5066.43	0.0037	P	2.1
8	☐			45.34	0.0000	P	14.0

$$y = 3.5885\text{E-}006 * x + 4.0413\text{E-}005$$

$$R = 0.9999$$

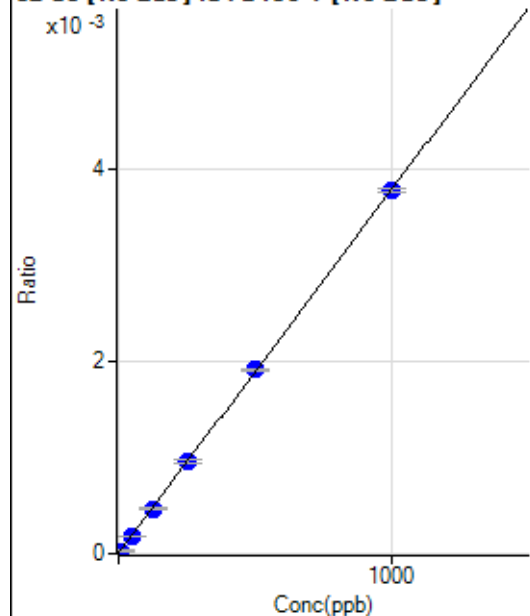
$$DL = 2.525$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6645.14		P	3.3
2	☐			6661.85		P	3.7
3	☐			6832.07		P	5.7
4	☐			6755.27		P	8.1
5	☐			7022.40		P	2.1
6	☐			7199.29		P	6.3
7	☐			6932.18		P	2.8
8	☐			7646.67		P	6.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	45.32	0.0000	P	367.
2	☐	5.000	6.176	321.92	0.0000	P	69.8
3	☐	50.000	47.516	2194.74	0.0002	P	6.8
4	☐	125.000	123.129	5717.07	0.0005	P	2.8
5	☐	250.000	252.521	11686.69	0.0010	P	3.8
6	☐	500.000	505.300	23543.99	0.0019	P	0.8
7	☐	1000.000	997.072	47342.01	0.0038	P	1.1
8	☐			111.65	0.0000	P	137.

$$y = 3.7725E-006 * x + 3.8569E-006$$

$$R = 1.0000$$

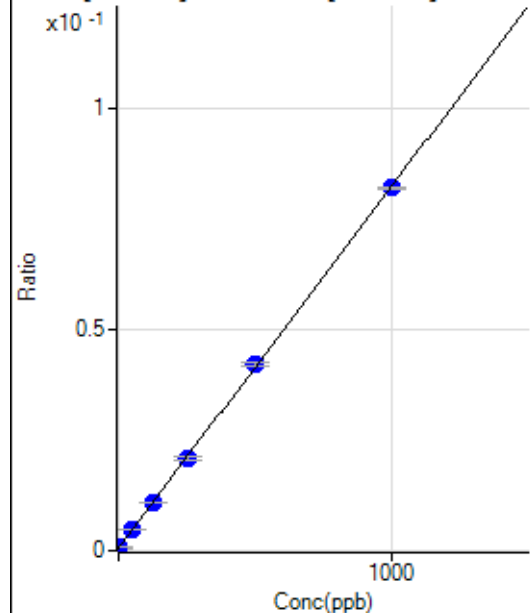
$$DL = 11.27$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4705.29		P	3.3
2	☐			4397.40		P	4.5
3	☐			4619.69		P	4.4
4	☐			4583.01		P	2.2
5	☐			4599.69		P	3.6
6	☐			4639.71		P	1.9
7	☐			4667.49		P	3.6
8	☐			4902.02		P	4.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7341.03	0.0006	P	0.6
2	☐	1.000	1.234	8525.05	0.0007	P	3.3
3	☐	50.000	50.540	56894.04	0.0047	P	1.9
4	☐	125.000	125.592	132757.26	0.0109	P	1.7
5	☐	250.000	250.344	257321.60	0.0211	P	4.2
6	☐	500.000	507.131	518090.86	0.0420	P	2.3
7	☐	1000.000	996.247	1030935.48	0.0820	P	0.3
8	☐			13409.59	0.0011	P	4.9

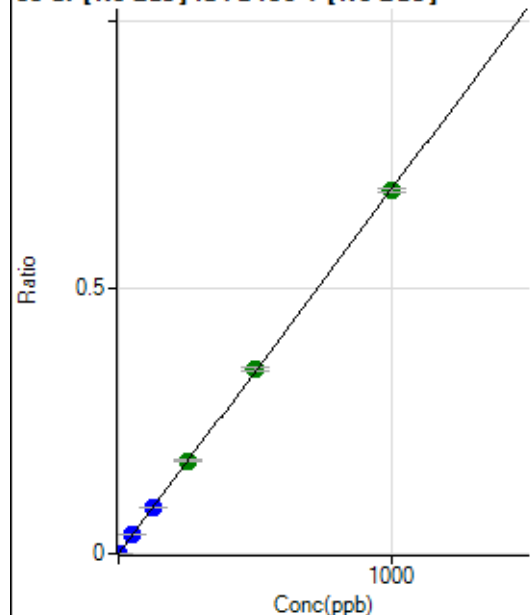
$$y = 8.1685E-005 * x + 6.1627E-004$$

$$R = 1.0000$$

$$DL = 0.1263$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	22.3
2	☐	1.000	1.032	8533.43	0.0007	P	4.0
3	☐	50.000	51.162	420166.61	0.0350	P	1.1
4	☐	125.000	126.733	1059257.62	0.0868	P	1.3
5	☐	250.000	255.568	2137837.29	0.1750	A	3.3
6	☐	500.000	505.098	4261725.09	0.3458	A	1.9
7	☐	1000.000	995.784	8571641.51	0.6817	A	1.1
8	☐			49616.64	0.0040	P	0.9

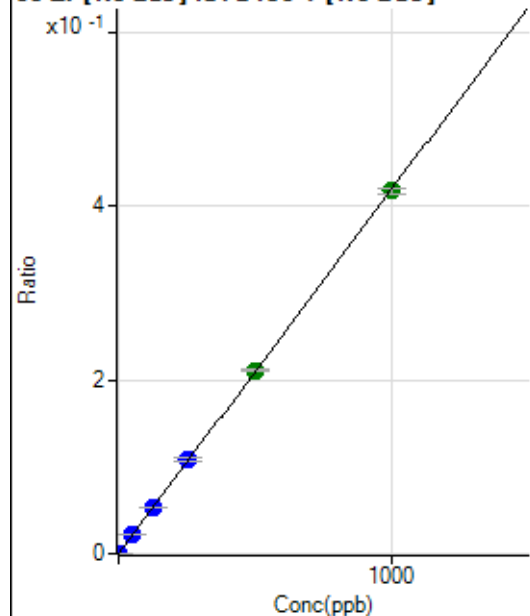
$$y = 6.8459E-004 * x + 1.1203E-005$$

$$R = 1.0000$$

$$DL = 0.01095$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	475.02	0.0000	P	21.3
2	☐	1.000	0.989	5392.85	0.0005	P	0.6
3	☐	50.000	51.406	258529.84	0.0216	P	0.8
4	☐	125.000	127.057	649732.48	0.0532	P	1.3
5	☐	250.000	258.268	1321202.81	0.1081	P	3.7
6	☐	500.000	503.148	2596590.96	0.2107	A	1.3
7	☐	1000.000	996.032	5242743.95	0.4170	A	1.3
8	☐			2083.55	0.0002	P	5.1

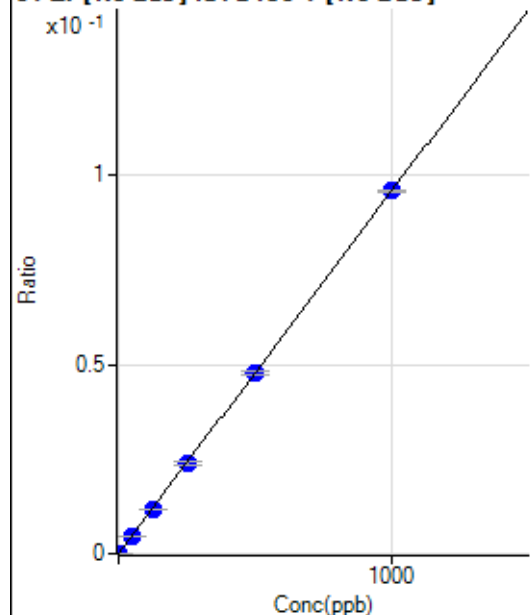
$$y = 4.1859E-004 * x + 3.9838E-005$$

$$R = 1.0000$$

$$DL = 0.06092$$

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	80.56	0.0000	P	16.4
2	☐	1.000	1.090	1322.32	0.0001	P	6.3
3	☐	50.000	49.862	57377.18	0.0048	P	1.9
4	☐	125.000	122.835	143775.67	0.0118	P	1.5
5	☐	250.000	247.894	290199.57	0.0238	P	5.0
6	☐	500.000	499.171	589638.02	0.0478	P	1.4
7	☐	1000.000	1001.218	1206345.07	0.0960	P	0.8
8	☐			461.13	0.0000	P	24.3

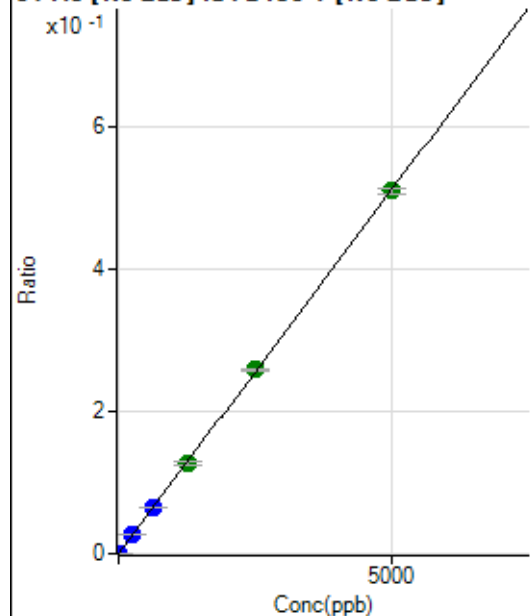
$$y = 9.5827\text{E-}005 * x + 6.7678\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.03483$$

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	125.00	0.0000	P	19.7
2	☐	5.000	5.201	6451.69	0.0005	P	2.6
3	☐	250.000	253.146	310741.50	0.0259	P	1.3
4	☐	625.000	626.341	782469.33	0.0641	P	1.0
5	☐	1250.000	1243.205	1553699.61	0.1272	A	4.8
6	☐	2500.000	2526.224	3186659.88	0.2585	A	0.7
7	☐	5000.000	4988.262	6416643.24	0.5104	A	1.8
8	☐			2775.35	0.0002	P	7.3

$$y = 1.0232\text{E-}004 * x + 1.0489\text{E-}005$$

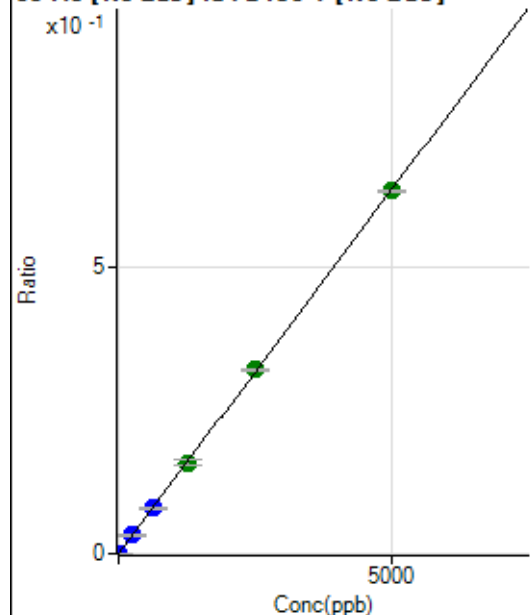
$$R = 1.0000$$

$$DL = 0.0607$$

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	44.44	0.0000	P	22.2
2	☐	5.000	4.903	7432.74	0.0006	P	1.6
3	☐	250.000	253.212	384918.52	0.0321	P	2.8
4	☐	625.000	623.513	964868.20	0.0790	P	1.3
5	☐	1250.000	1255.237	1943884.53	0.1591	A	4.7
6	☐	2500.000	2524.336	3944841.89	0.3200	A	0.6
7	☐	5000.000	4986.548	7947258.94	0.6321	A	0.8
8	☐			3347.73	0.0003	P	9.5

$$y = 1.2676E-004 * x + 3.7342E-006$$

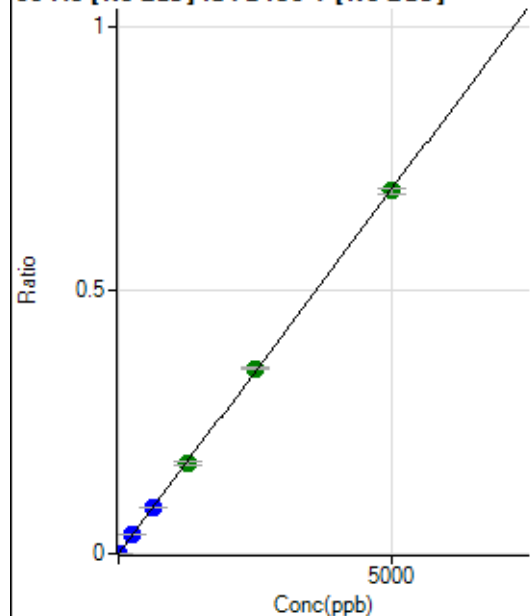
$$R = 1.0000$$

$$DL = 0.01958$$

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	75.00	0.0000	P	58.8
2	☐	5.000	5.023	8333.29	0.0007	P	1.7
3	☐	250.000	253.684	420809.88	0.0351	P	1.7
4	☐	625.000	626.262	1057422.81	0.0866	P	1.6
5	☐	1250.000	1240.533	2095935.68	0.1716	A	4.3
6	☐	2500.000	2544.397	4337130.17	0.3519	A	1.6
7	☐	5000.000	4979.826	8659257.92	0.6887	A	1.5
8	☐			5220.59	0.0004	P	7.1

$$y = 1.3831E-004 * x + 6.2995E-006$$

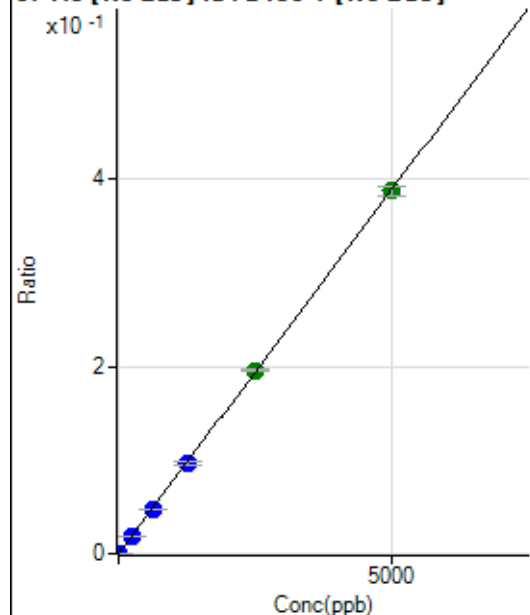
$$R = 0.9999$$

$$DL = 0.08035$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.6
2	☐	5.000	4.833	4475.84	0.0004	P	7.3
3	☐	250.000	248.959	232203.17	0.0194	P	1.7
4	☐	625.000	617.960	586707.93	0.0481	P	1.0
5	☐	1250.000	1252.105	1189542.28	0.0974	P	4.1
6	☐	2500.000	2523.839	2419326.88	0.1963	A	1.0
7	☐	5000.000	4988.486	4877353.80	0.3880	A	3.0
8	☐			1977.98	0.0002	P	5.2

$$y = 7.7771\text{E-}005 * x + 6.9802\text{E-}007$$

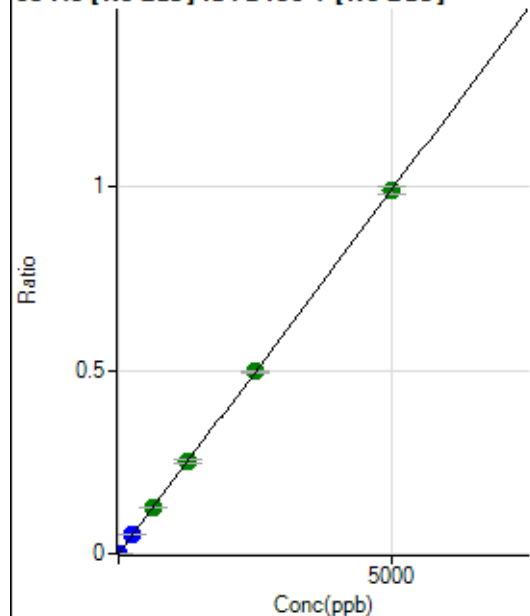
$$R = 1.0000$$

$$DL = 0.02681$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	22.1
2	☐	5.000	5.054	11930.48	0.0010	P	1.5
3	☐	250.000	254.369	604604.90	0.0504	P	1.5
4	☐	625.000	628.263	1520116.77	0.1245	A	1.5
5	☐	1250.000	1267.471	3068902.95	0.2512	A	4.3
6	☐	2500.000	2509.141	6129488.25	0.4973	A	1.3
7	☐	5000.000	4990.436	12435138.47	0.9891	A	2.0
8	☐			5128.88	0.0004	P	8.4

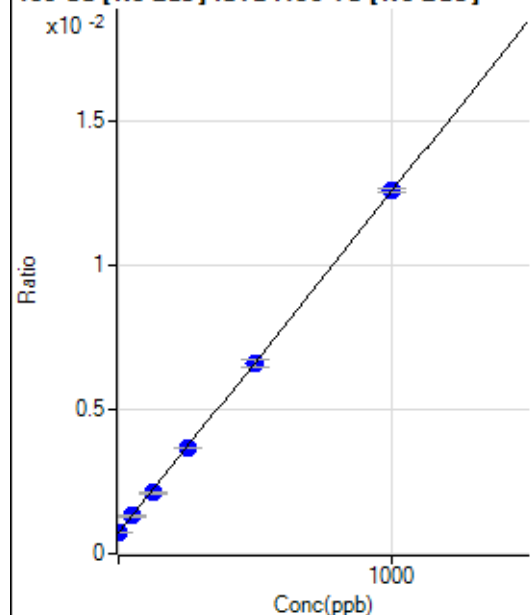
$$y = 1.9820\text{E-}004 * x + 1.8672\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.006257$$

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	3897.89	0.0007	P	4.7
2	☐	1.000	-0.257	3783.98	0.0007	P	0.9
3	☐	50.000	51.168	7165.94	0.0013	P	4.8
4	☐	125.000	117.312	11571.86	0.0021	P	2.1
5	☐	250.000	248.191	19839.75	0.0037	P	1.1
6	☐	500.000	498.917	37317.75	0.0066	P	4.2
7	☐	1000.000	1001.898	72747.85	0.0126	P	1.2
8	☐			3536.67	0.0006	P	10.6

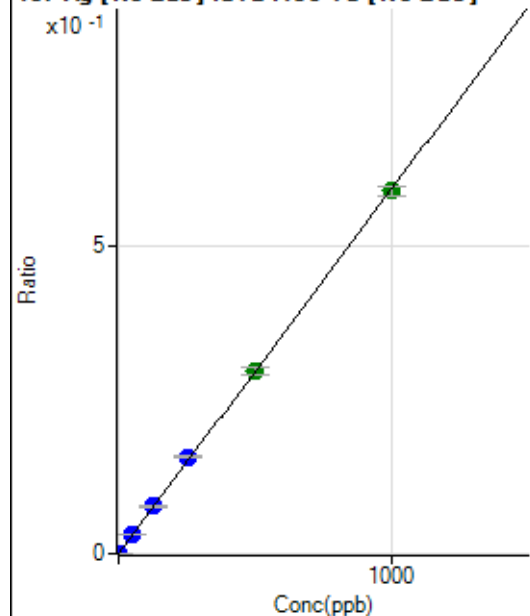
$$y = 1.1840\text{E-}005 * x + 7.2495\text{E-}004$$

$$R = 1.0000$$

$$DL = 8.687$$

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	58.33	0.0000	P	26.1
2	☐	1.000	1.038	3269.94	0.0006	P	6.6
3	☐	50.000	51.931	165254.95	0.0307	P	1.7
4	☐	125.000	129.839	419786.27	0.0767	P	1.1
5	☐	250.000	265.343	848594.49	0.1567	P	1.7
6	☐	500.000	500.297	1662204.10	0.2954	A	4.7
7	☐	1000.000	995.314	3396933.37	0.5878	A	2.7
8	☐			1372.33	0.0002	P	7.8

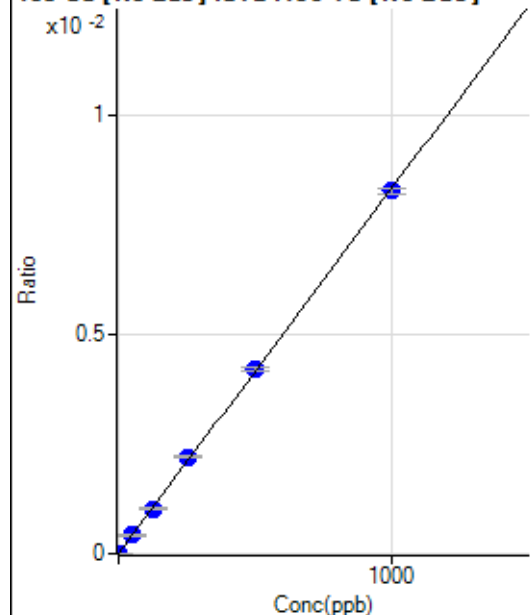
$$y = 5.9052\text{E-}004 * x + 1.0870\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.0144$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.06	0.0000	P	12.8
2	☐	1.000	1.220	70.83	0.0000	P	6.7
3	☐	50.000	50.578	2289.11	0.0004	P	4.6
4	☐	125.000	123.309	5642.89	0.0010	P	3.0
5	☐	250.000	264.829	11966.44	0.0022	P	2.3
6	☐	500.000	504.997	23698.23	0.0042	P	2.8
7	☐	1000.000	993.977	47883.06	0.0083	P	1.3
8	☐			51.39	0.0000	P	37.6

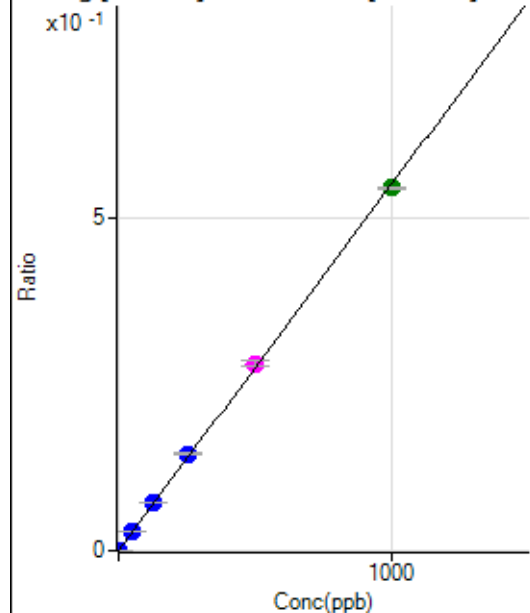
$$y = 8.3317\text{E-}006 * x + 3.3565\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.1548$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	100.
2	☐	1.000	1.088	3153.23	0.0006	P	3.5
3	☐	50.000	52.155	154958.56	0.0288	P	2.5
4	☐	125.000	130.874	395200.14	0.0722	P	0.7
5	☐	250.000	264.606	790370.38	0.1460	P	2.2
6	☐	500.000	510.142	1583528.68	0.2814	M	3.1
7	☐	1000.000	990.436	3157473.51	0.5463	A	0.5
8	☐			1252.87	0.0002	P	3.4

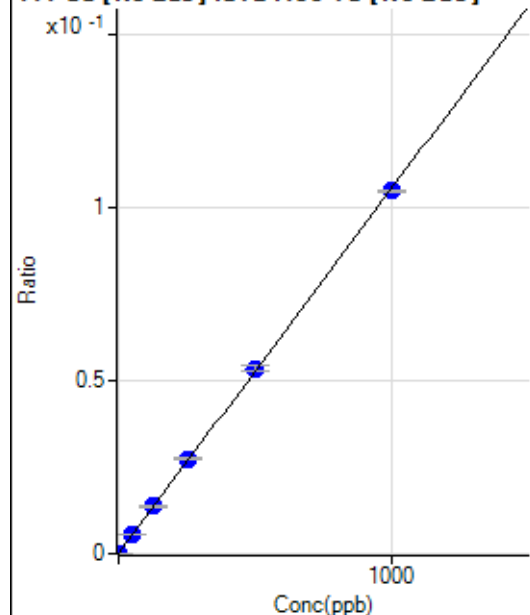
$$y = 5.5158\text{E-}004 * x + 1.5599\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.008549$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	389.65	0.0001	P	1.9
2	☐	1.000	1.229	1058.01	0.0002	P	6.6
3	☐	50.000	51.218	29446.29	0.0055	P	1.9
4	☐	125.000	128.742	74619.11	0.0136	P	1.3
5	☐	250.000	259.604	148451.85	0.0274	P	1.2
6	☐	500.000	506.380	300519.38	0.0534	P	3.4
7	☐	1000.000	993.880	605392.42	0.1047	P	0.2
8	☐			602.43	0.0001	P	10.3

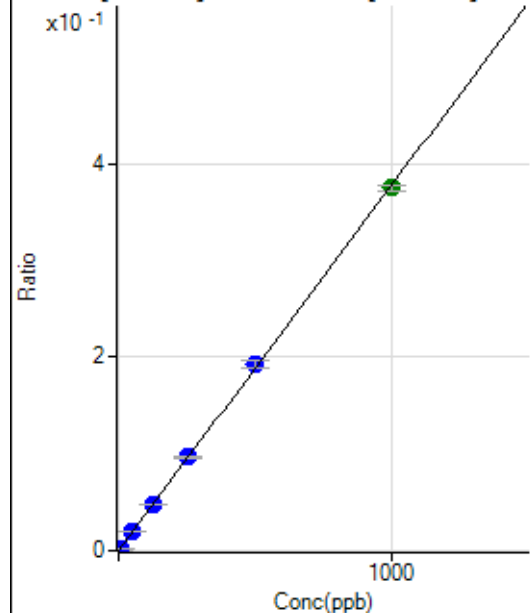
$$y = 1.0532E-004 * x + 7.2458E-005$$

$$R = 0.9999$$

$$DL = 0.03879$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0000	P	15.5
2	☐	5.000	5.166	10437.57	0.0020	P	4.6
3	☐	50.000	50.808	103538.39	0.0192	P	2.0
4	☐	125.000	124.974	258481.76	0.0472	P	1.8
5	☐	250.000	256.445	524463.73	0.0969	P	2.0
6	☐	500.000	510.311	1084071.29	0.1927	P	4.8
7	☐	1000.000	993.195	2167221.99	0.3750	A	1.7
8	☐			1088.96	0.0002	P	8.9

$$y = 3.7750E-004 * x + 4.1375E-005$$

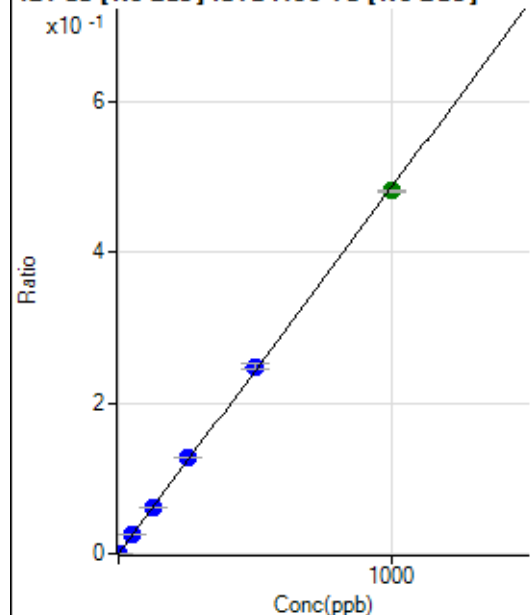
$$R = 0.9999$$

$$DL = 0.0509$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	33.2
2	☐	2.000	2.035	5201.14	0.0010	P	6.3
3	☐	50.000	50.875	133058.56	0.0247	P	3.1
4	☐	125.000	127.284	338327.11	0.0618	P	1.4
5	☐	250.000	263.029	691592.67	0.1277	P	1.6
6	☐	500.000	511.846	1398500.16	0.2485	P	3.3
7	☐	1000.000	990.490	2779525.08	0.4809	A	0.5
8	☐			2086.33	0.0004	P	5.4

$$y = 4.8552\text{E-}004 * x + 4.6504\text{E-}006$$

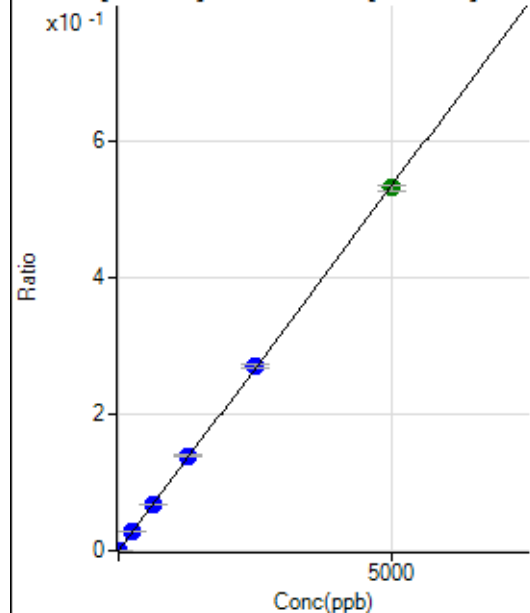
$$R = 0.9998$$

$$DL = 0.009545$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	114.
2	☐	10.000	10.787	6045.98	0.0012	P	1.8
3	☐	250.000	253.626	145836.64	0.0271	P	1.1
4	☐	625.000	633.483	370096.34	0.0676	P	2.0
5	☐	1250.000	1295.450	748697.44	0.1383	P	2.0
6	☐	2500.000	2528.207	1518710.84	0.2698	P	2.1
7	☐	5000.000	4973.291	3067680.17	0.5308	A	1.4
8	☐			1188.98	0.0002	P	6.2

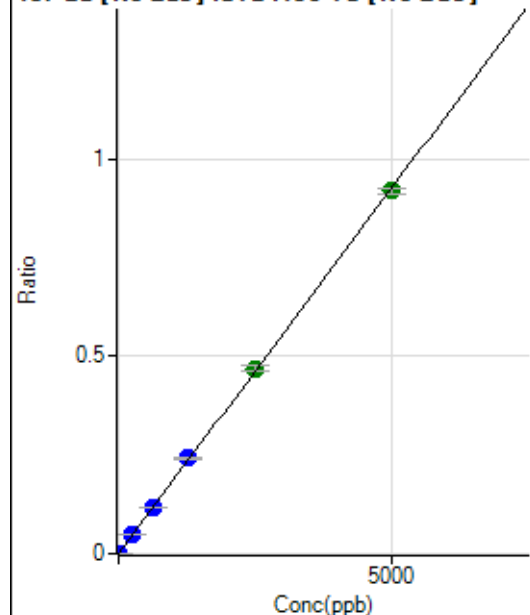
$$y = 1.0672\text{E-}004 * x + 2.0505\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.06599$$

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	25.00	0.0000	P	100.
2	☐	10.000	10.391	10117.91	0.0019	P	3.7
3	☐	250.000	256.706	256261.95	0.0476	P	1.7
4	☐	625.000	636.915	646054.39	0.1180	P	1.0
5	☐	1250.000	1309.859	1314269.45	0.2427	P	2.1
6	☐	2500.000	2535.227	2643569.70	0.4697	A	3.0
7	☐	5000.000	4965.596	5317511.28	0.9201	A	1.4
8	☐			2105.79	0.0004	P	3.3

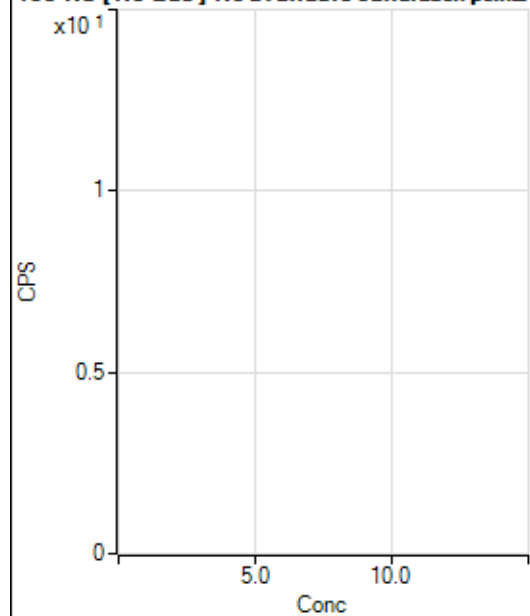
$$y = 1.8528E-004 * x + 4.6797E-006$$

$$R = 0.9999$$

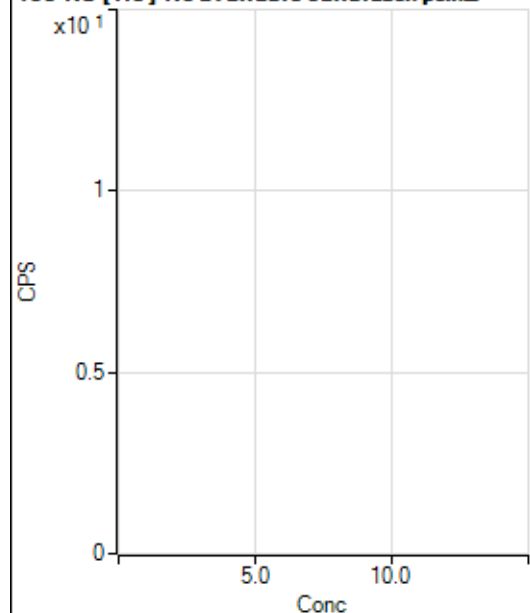
$$DL = 0.07633$$

Weight: <None>

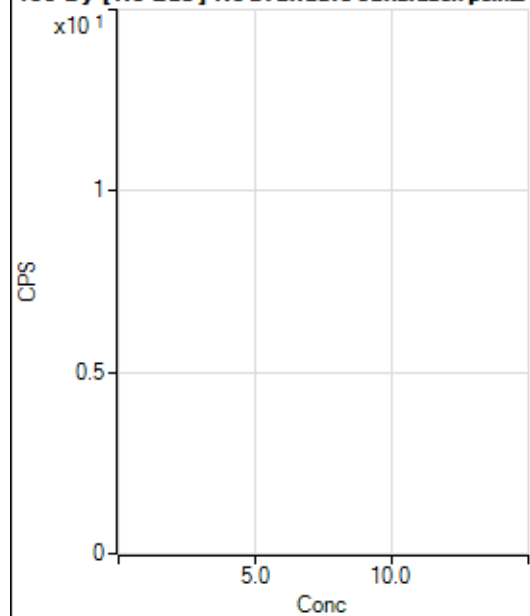
Min Conc: 0

150 Nd [No Gas] No available calibration points

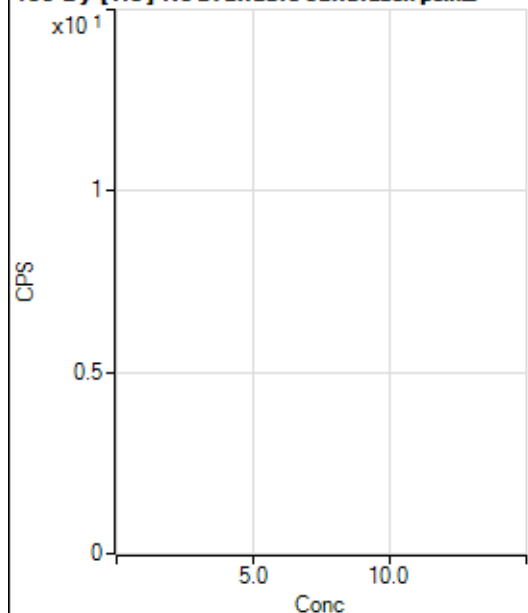
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			13.33		P	100.
2	☐			2.22		P	173.
3	☐			13.33		P	NaN
4	☐			15.56		P	49.5
5	☐			46.67		P	75.6
6	☐			113.34		P	41.2
7	☐			144.45		P	7.0
8	☐			28.89		P	13.3

150 Nd [He] No available calibration points

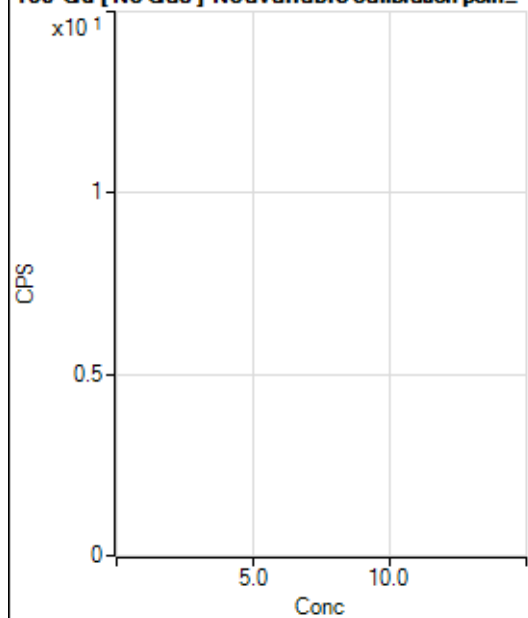
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			4.44		P	43.4
6	☐			20.00		P	33.4
7	☐			18.89		P	36.7
8	☐			6.67		P	100.

156 Dy [No Gas] No available calibration points

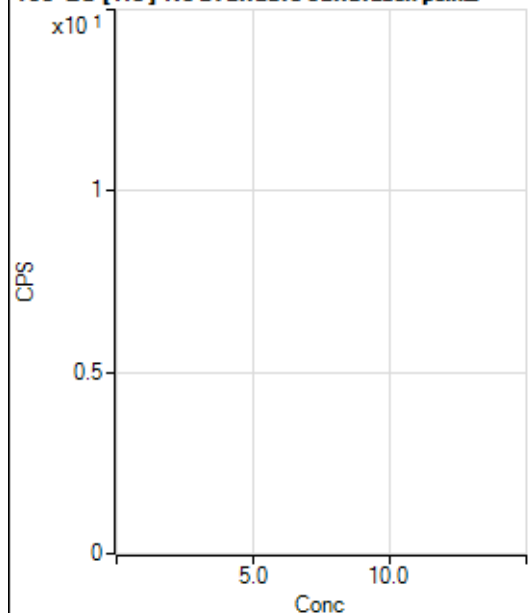
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐			13.89		P	34.7
3	☐			5.55		P	86.6
4	☐			44.45		P	10.8
5	☐			61.12		P	34.3
6	☐			116.67		P	18.9
7	☐			150.00		P	24.2
8	☐			602.81		P	14.2

156 Dy [He] No available calibration points

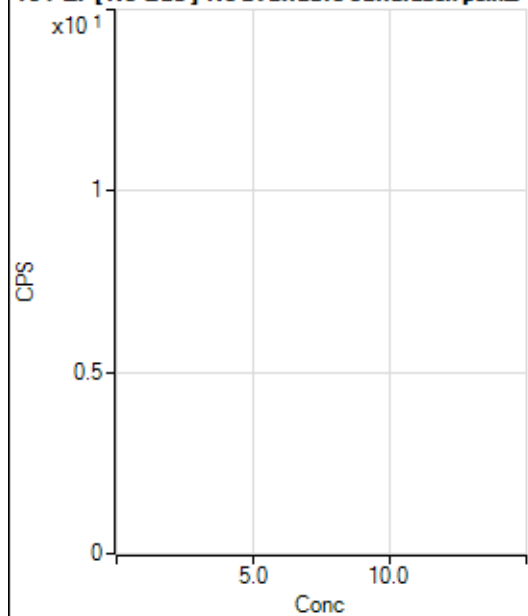
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	173.
3	☐			6.67		P	50.0
4	☐			15.56		P	53.9
5	☐			26.67		P	33.1
6	☐			44.44		P	11.5
7	☐			67.78		P	23.2
8	☐			357.79		P	5.1

160 Gd [No Gas] Noavailable calibration poin_

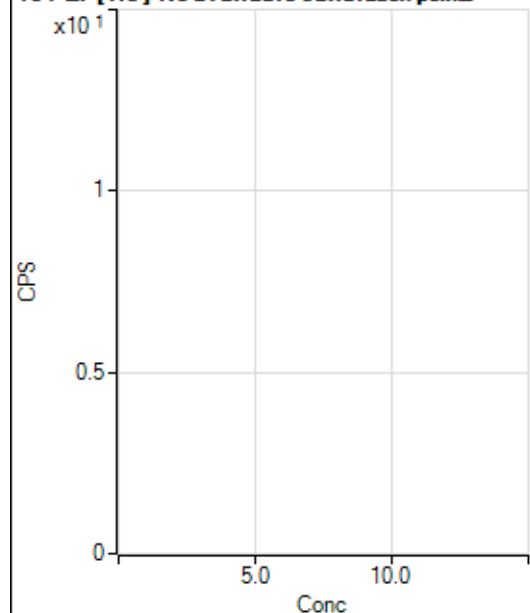
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	15.7
2	☐			55.56		P	48.2
3	☐			88.89		P	23.6
4	☐			80.56		P	46.6
5	☐			116.67		P	37.8
6	☐			147.23		P	17.3
7	☐			222.23		P	37.6
8	☐			733.37		P	13.4

160 Gd [He] No available calibration points

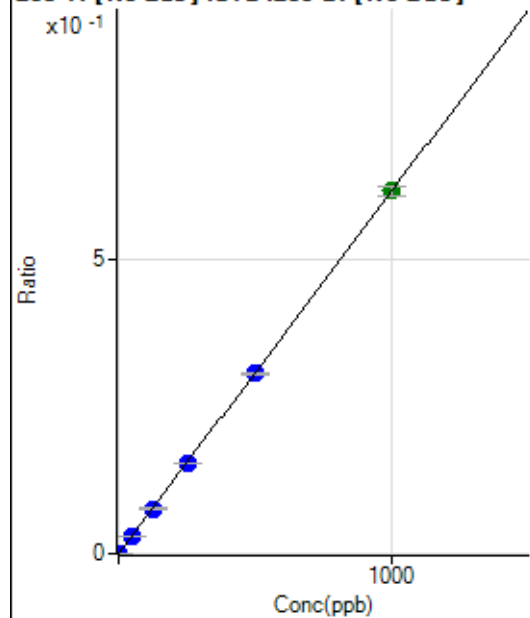
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	53.9
2	☐			22.22		P	90.4
3	☐			37.78		P	75.0
4	☐			20.00		P	16.7
5	☐			45.56		P	22.4
6	☐			77.78		P	16.2
7	☐			110.00		P	15.7
8	☐			416.68		P	16.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	21.7
2	☐			41.67		P	80.0
3	☐			19.44		P	65.5
4	☐			33.33		P	25.0
5	☐			47.22		P	20.4
6	☐			61.11		P	67.3
7	☐			30.56		P	31.5
8	☐			122.23		P	15.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.7
2	☐			7.78		P	24.7
3	☐			12.22		P	15.7
4	☐			13.33		P	25.0
5	☐			17.78		P	28.6
6	☐			24.45		P	43.8
7	☐			23.33		P	37.8
8	☐			52.22		P	20.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	32.2
2	☐	1.000	1.008	1761.29	0.0006	P	5.6
3	☐	50.000	49.450	85210.74	0.0305	P	1.7
4	☐	125.000	123.164	213306.37	0.0759	P	2.7
5	☐	250.000	249.226	435579.88	0.1536	P	0.6
6	☐	500.000	497.669	887550.11	0.3067	P	0.6
7	☐	1000.000	1001.616	1814681.86	0.6173	A	2.3
8	☐			519.47	0.0002	P	23.6

$$y = 6.1629E-004 * x + 1.8926E-005$$

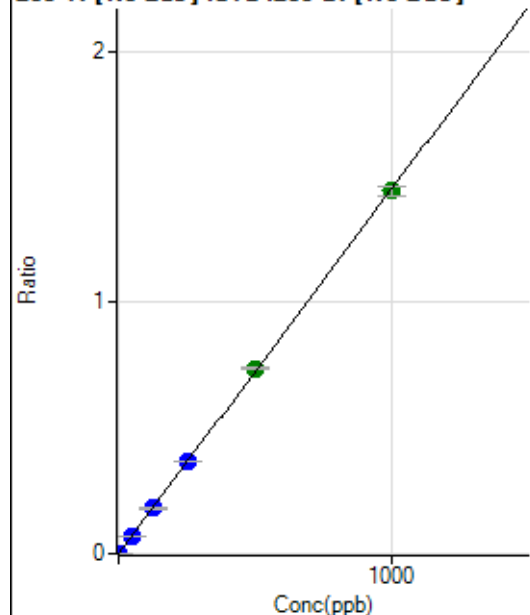
$$R = 1.0000$$

$$DL = 0.02967$$

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	183.34	0.0001	P	19.0
2	☐	1.000	0.923	3867.37	0.0014	P	7.6
3	☐	50.000	49.134	199465.28	0.0714	P	0.9
4	☐	125.000	124.198	506554.58	0.1803	P	3.1
5	☐	250.000	251.766	1036195.27	0.3654	P	0.7
6	☐	500.000	508.282	2134445.75	0.7377	A	1.7
7	☐	1000.000	995.561	4247129.82	1.4448	A	2.7
8	☐			1072.30	0.0004	P	15.2

$$y = 0.0015 * x + 6.5792E-005$$

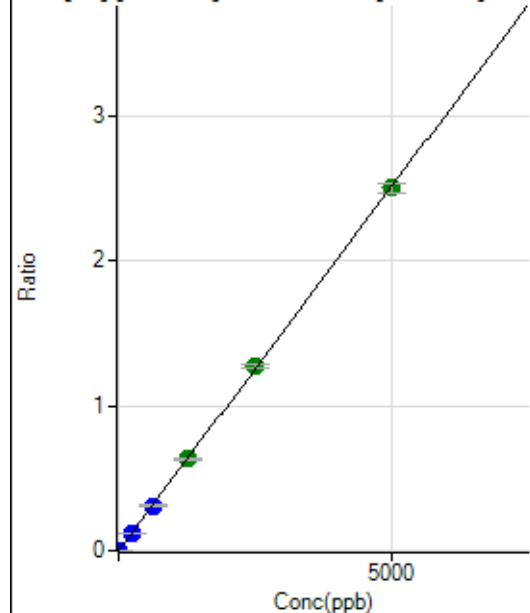
$$R = 0.9999$$

$$DL = 0.02582$$

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	92.59	0.0000	P	8.0
2	☐	1.000	1.042	1531.60	0.0006	P	3.6
3	☐	250.000	245.376	344431.68	0.1233	P	2.5
4	☐	625.000	615.239	868310.65	0.3090	P	2.5
5	☐	1250.000	1255.176	1787613.03	0.6305	A	1.1
6	☐	2500.000	2532.310	3680593.92	1.2719	A	2.1
7	☐	5000.000	4984.002	7358760.47	2.5033	A	2.7
8	☐			15600.33	0.0055	P	4.5

$$y = 5.0226E-004 * x + 3.3285E-005$$

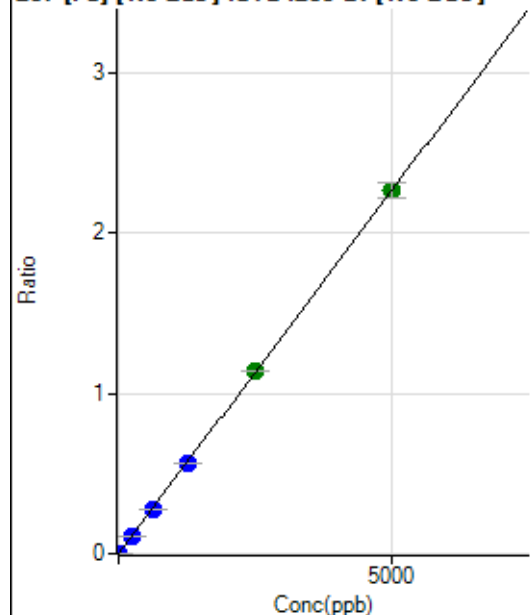
$$R = 1.0000$$

$$DL = 0.01585$$

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	131.48	0.0000	P	19.2
2	☐	1.000	0.932	1290.83	0.0005	P	11.3
3	☐	250.000	243.128	307436.74	0.1101	P	3.8
4	☐	625.000	604.402	768551.19	0.2735	P	2.5
5	☐	1250.000	1234.196	1583578.98	0.5585	P	0.3
6	☐	2500.000	2513.917	3291862.17	1.1376	A	0.5
7	☐	5000.000	4999.911	6648855.12	2.2625	A	4.3
8	☐			13876.22	0.0049	P	4.6

$$y = 4.5249E-004 * x + 4.7225E-005$$

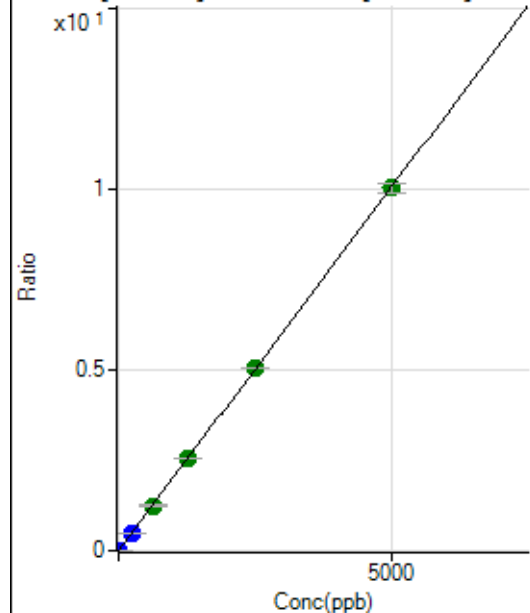
$$R = 1.0000$$

$$DL = 0.0601$$

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	512.98	0.0002	P	8.8
2	☐	1.000	0.980	5943.24	0.0022	P	2.1
3	☐	250.000	246.799	1389888.50	0.4974	P	1.1
4	☐	625.000	616.657	3491236.68	1.2425	A	2.1
5	☐	1250.000	1265.490	7229410.77	2.5496	A	0.7
6	☐	2500.000	2515.552	14665558.58	5.0680	A	0.4
7	☐	5000.000	4989.555	29547860.85	10.0521	A	2.8
8	☐			62413.15	0.0220	P	4.7

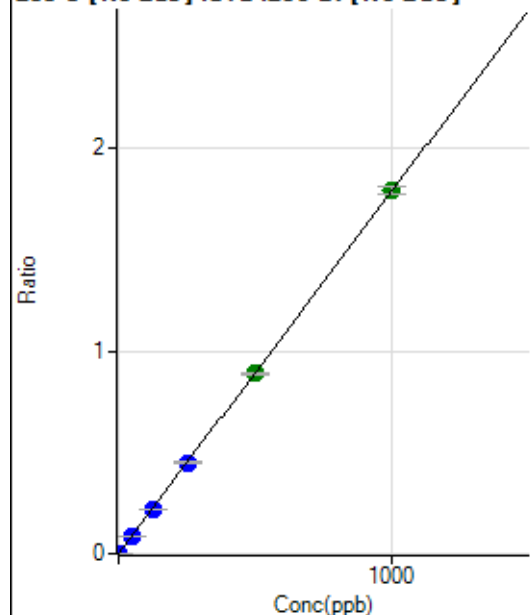
$$y = 0.0020 * x + 1.8440E-004$$

$$R = 1.0000$$

$$DL = 0.02423$$

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	22.22	0.0000	P	57.3
2	☐	1.000	0.933	4609.31	0.0017	P	1.4
3	☐	50.000	49.326	246306.17	0.0882	P	1.9
4	☐	125.000	122.459	615014.66	0.2188	P	0.9
5	☐	250.000	250.380	1268559.39	0.4474	P	1.8
6	☐	500.000	496.725	2568779.98	0.8876	A	1.4
7	☐	1000.000	1001.894	5263614.01	1.7904	A	2.2
8	☐			683.37	0.0002	P	25.6

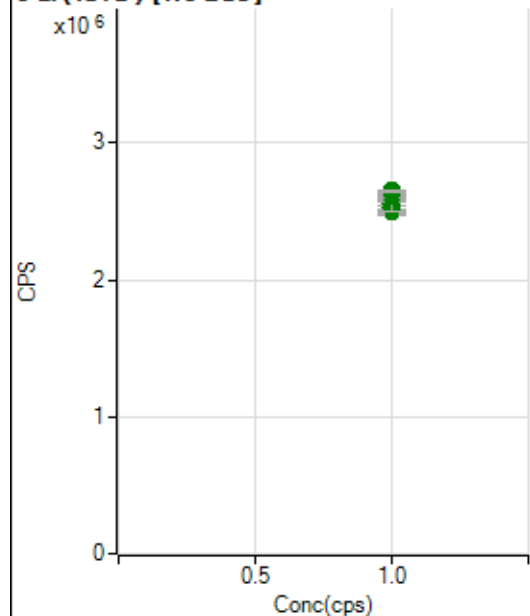
$$y = 0.0018 * x + 7.9963E-006$$

$$R = 1.0000$$

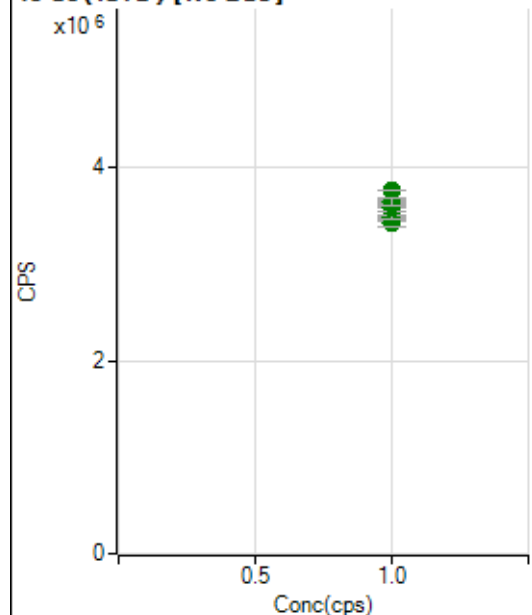
$$DL = 0.00769$$

Weight: <None>

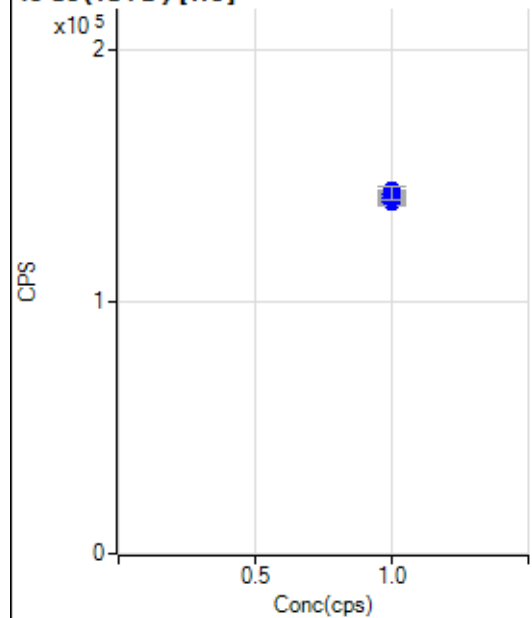
Min Conc: 0

6 Li (ISTD) [No Gas]

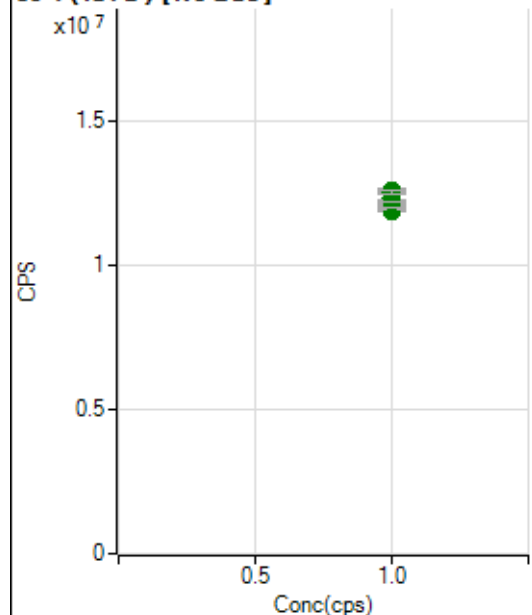
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2498827.57		A	1.6
2	☐	1.000		2508094.63		A	0.8
3	☐	1.000		2517867.74		A	2.3
4	☐	1.000		2552412.81		A	3.1
5	☐	1.000		2529197.70		A	2.8
6	☐	1.000		2608777.87		A	0.4
7	☐	1.000		2635222.60		A	0.2
8	☐	1.000		2650337.34		A	0.3

45 Sc (ISTD) [No Gas]

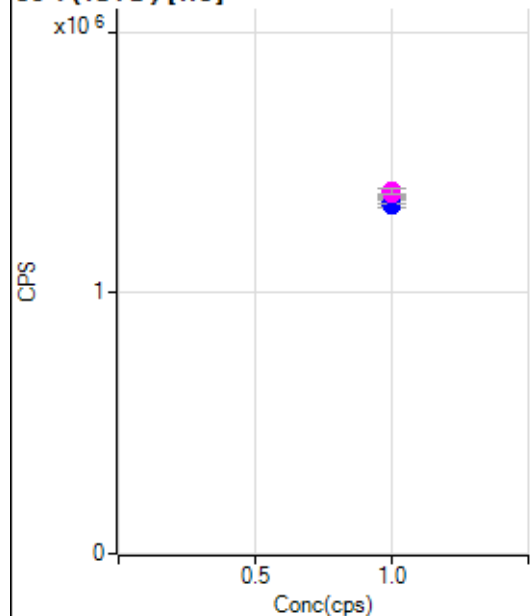
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3470262.86		A	1.4
2	☐	1.000		3425684.04		A	2.2
3	☐	1.000		3485267.13		A	0.8
4	☐	1.000		3618423.00		A	2.3
5	☐	1.000		3592500.54		A	2.8
6	☐	1.000		3619838.52		A	0.1
7	☐	1.000		3758477.06		A	0.1
8	☐	1.000		3646303.63		A	2.1

45 Sc (ISTD) [He]

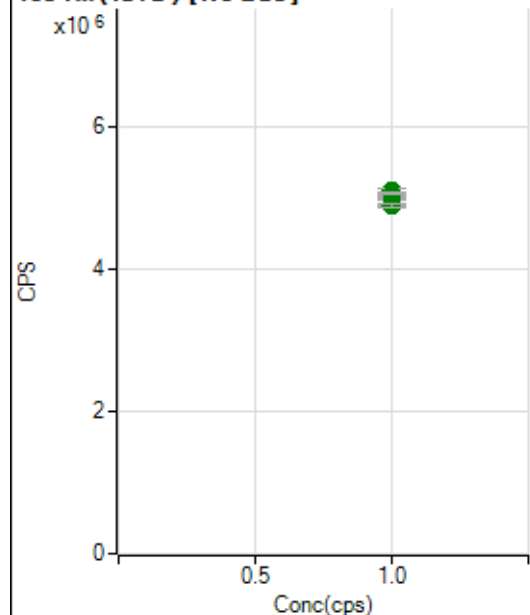
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		139791.56		P	0.4
2	☐	1.000		140428.00		P	1.3
3	☐	1.000		142239.01		P	0.8
4	☐	1.000		139533.75		P	1.2
5	☐	1.000		141508.87		P	1.3
6	☐	1.000		143226.22		P	0.5
7	☐	1.000		144204.72		P	0.5
8	☐	1.000		143100.72		P	3.6

89 Y (ISTD) [No Gas]

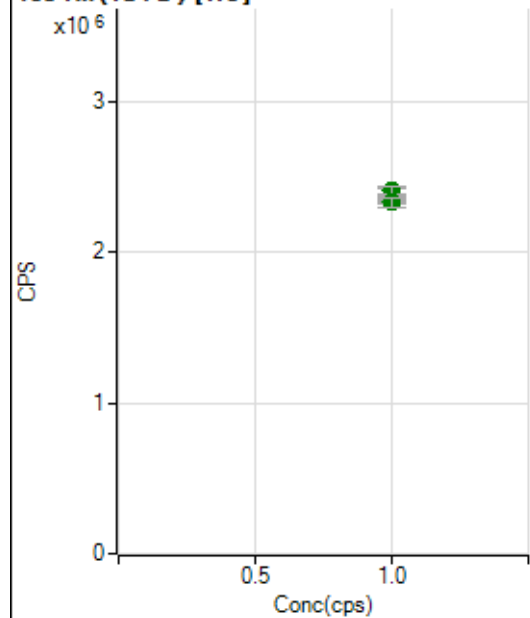
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11912256.35		A	0.7
2	☐	1.000		11887853.57		A	0.8
3	☐	1.000		11993252.46		A	1.3
4	☐	1.000		12208599.27		A	1.0
5	☐	1.000		12227800.23		A	3.7
6	☐	1.000		12327345.09		A	2.3
7	☐	1.000		12573042.87		A	1.0
8	☐	1.000		12505594.12		A	1.2

89 Y (ISTD) [He]

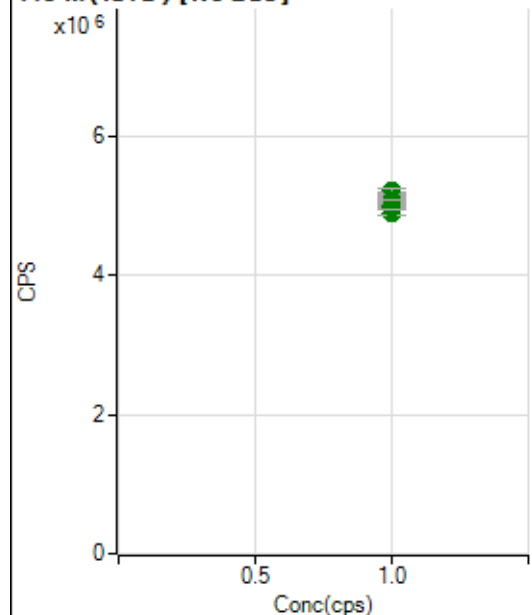
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1335743.80		P	1.1
2	☐	1.000		1341903.16		P	0.3
3	☐	1.000		1347782.40		P	1.0
4	☐	1.000		1342154.48		P	0.5
5	☐	1.000		1369500.11		P	0.3
6	☐	1.000		1382123.85		M	0.0
7	☐	1.000		1387640.82		M	1.5
8	☐	1.000		1391239.05		M	1.9

103 Rh (ISTD) [No Gas]

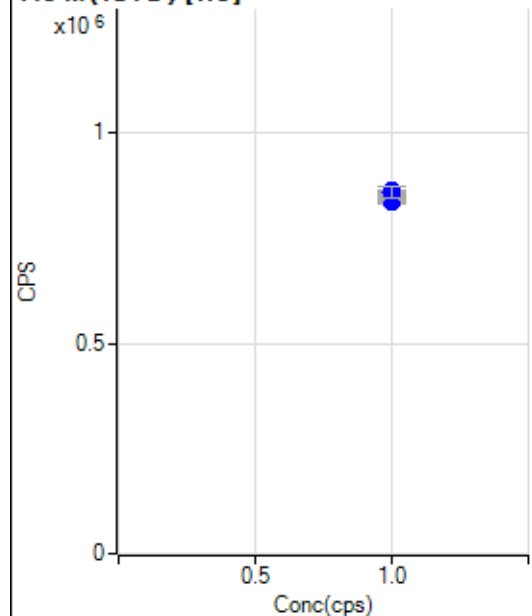
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4978808.71		A	0.2
2	☐	1.000		4934147.25		A	1.3
3	☐	1.000		5001648.85		A	0.8
4	☐	1.000		5089154.41		A	1.5
5	☐	1.000		4935038.61		A	3.1
6	☐	1.000		5104313.57		A	1.3
7	☐	1.000		5062135.23		A	0.6
8	☐	1.000		4907353.80		A	1.0

103 Rh (ISTD) [He]

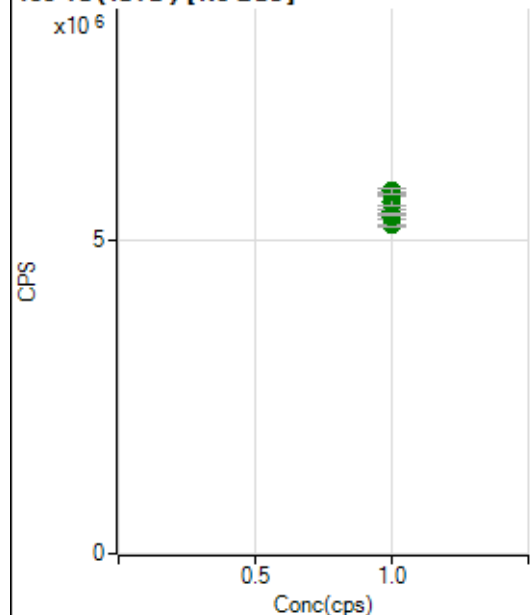
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2356972.69		A	1.6
2	☐	1.000		2338860.50		A	0.9
3	☐	1.000		2360082.78		A	1.3
4	☐	1.000		2340782.53		A	1.9
5	☐	1.000		2360451.51		A	1.7
6	☐	1.000		2408146.09		A	1.3
7	☐	1.000		2409209.17		A	2.1
8	☐	1.000		2331250.37		A	3.1

115 In (ISTD) [No Gas]

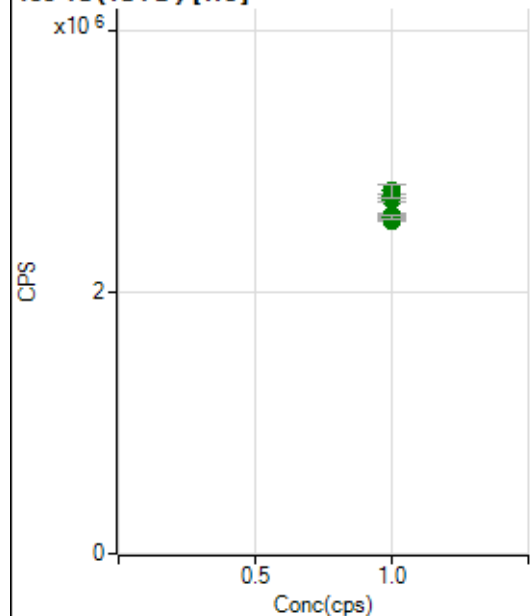
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5013154.98		A	1.0
2	☐	1.000		4896001.68		A	1.6
3	☐	1.000		4973958.40		A	1.3
4	☐	1.000		5084610.63		A	0.8
5	☐	1.000		5011004.12		A	3.0
6	☐	1.000		5168594.39		A	1.5
7	☐	1.000		5214422.46		A	1.9
8	☐	1.000		5094901.17		A	0.2

115 In (ISTD) [He]

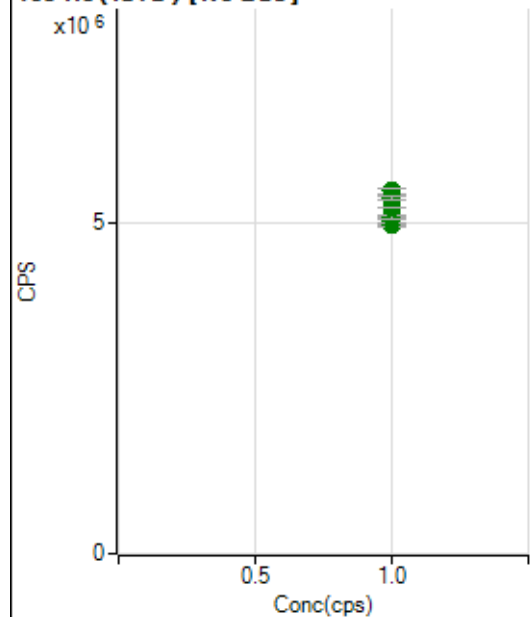
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		837750.67		P	0.6
2	☐	1.000		839439.53		P	0.7
3	☐	1.000		845825.97		P	1.0
4	☐	1.000		845484.28		P	1.0
5	☐	1.000		854272.22		P	0.5
6	☐	1.000		863378.56		P	0.1
7	☐	1.000		861996.84		P	0.8
8	☐	1.000		859231.37		P	3.0

159 Tb (ISTD) [No Gas]

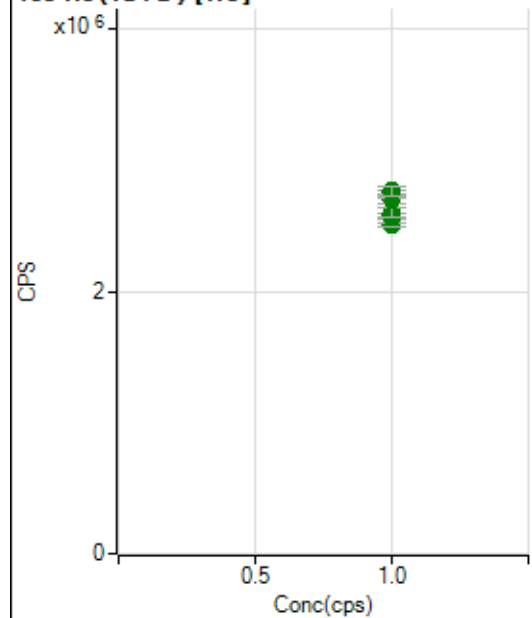
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5377753.39		A	1.2
2	☐	1.000		5241983.15		A	0.9
3	☐	1.000		5387877.21		A	1.9
4	☐	1.000		5474571.65		A	0.8
5	☐	1.000		5415693.05		A	0.7
6	☐	1.000		5630583.32		A	2.6
7	☐	1.000		5779724.50		A	0.3
8	☐	1.000		5796064.64		A	1.3

159 Tb (ISTD) [He]

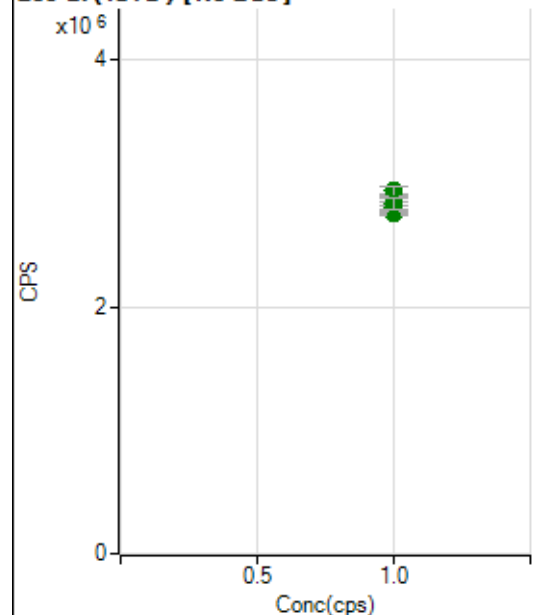
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2546252.39		A	0.6
2	☐	1.000		2579251.26		A	1.3
3	☐	1.000		2589551.52		A	0.6
4	☐	1.000		2567326.65		A	1.4
5	☐	1.000		2700035.78		A	1.3
6	☐	1.000		2703961.45		A	0.9
7	☐	1.000		2726998.57		A	1.0
8	☐	1.000		2770519.07		A	3.6

165 Ho (ISTD) [No Gas]

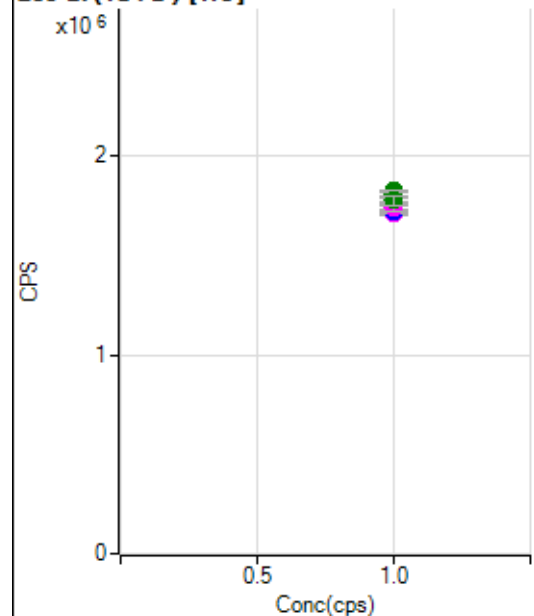
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4997508.71		A	1.9
2	☐	1.000		4967450.72		A	1.4
3	☐	1.000		5023325.46		A	1.3
4	☐	1.000		5065867.69		A	0.9
5	☐	1.000		5071897.77		A	1.0
6	☐	1.000		5228844.91		A	0.3
7	☐	1.000		5475523.73		A	1.6
8	☐	1.000		5365157.19		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2512875.12		A	1.2
2	☐	1.000		2561022.58		A	0.4
3	☐	1.000		2578828.51		A	1.6
4	☐	1.000		2596860.06		A	2.7
5	☐	1.000		2694022.65		A	1.4
6	☐	1.000		2711072.22		A	0.3
7	☐	1.000		2754383.36		A	1.0
8	☐	1.000		2765311.04		A	2.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2783285.13		A	1.0
2	☐	1.000		2752276.64		A	0.9
3	☐	1.000		2794818.98		A	2.1
4	☐	1.000		2810762.39		A	2.5
5	☐	1.000		2835372.73		A	1.4
6	☐	1.000		2893701.31		A	1.0
7	☐	1.000		2940780.82		A	2.4
8	☐	1.000		2838615.62		A	3.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1708169.94		M	1.0
2	☐	1.000		1721722.91		P	0.7
3	☐	1.000		1740984.14		A	1.3
4	☐	1.000		1739865.43		M	2.0
5	☐	1.000		1776878.38		A	0.9
6	☐	1.000		1812263.62		A	1.9
7	☐	1.000		1824104.99		A	0.6
8	☐	1.000		1775598.60		A	2.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8032521 MS.b
Acq. Date-Time 2021-03-25 10:05:10
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		5694	56941.23			1.592	5.000
24		77282	772818.40			2.338	5.000
25		10642	106422.31			1.785	5.000
26		11732	117315.26			1.777	5.000
59		12866	128664.91			1.665	5.000
113		5064	50644.10			1.441	5.000
115		17192	171919.15			1.553	5.000
206		5398	53979.08			1.961	5.000
207		4553	45534.84			1.702	5.000
208		11164	111636.73			1.502	5.000
220		1	12.10			17.869	

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

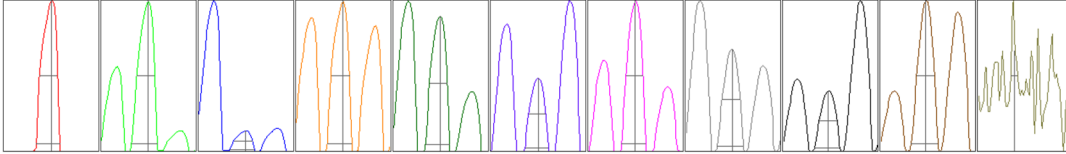
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	5806	5653	5619	5615	5777
24	77567	75777	76479	76290	80296
25	10690	10594	10472	10509	10947
26	11932	11624	11518	11606	11978
59	12955	12844	12585	12784	13165
113	5105	5085	4997	4982	5153
115	17580	17208	16905	16983	17284
206	5455	5441	5244	5340	5510
207	4588	4570	4462	4492	4656
208	11256	11196	11007	10982	11377

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	10626.93	9.05	8.90 - 9.10	
24	142476.08	24.00	23.90 - 24.10	
25	19005.32	25.00	24.90 - 25.10	
26	21497.55	26.00	25.90 - 26.10	
59	23945.47	59.00	58.90 - 59.10	
113	9795.90	113.05	112.90 - 113.10	
115	33324.79	115.00	114.90 - 115.10	
206	9815.06	206.00	205.90 - 206.10	
207	8211.15	206.95	206.90 - 207.10	
208	20645.64	207.95	207.90 - 208.10	
220	1.40	219.70	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.57	0.738	0.900	
24	0.56	0.809	0.900	
25	0.59	0.783	0.900	
26	0.58	0.783	0.900	
59	0.56	0.765	0.900	
113	0.54	0.738	0.900	
115	0.53	0.770	0.900	
206	0.58	0.826	0.900	
207	0.57	0.791	0.900	
208	0.56	0.849	0.900	
220	0.23			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.52 L/min Dilution Gas 0.47 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	9.6 V	Deflect	15.6 V
Extract 2	-225.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 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	121	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	1.3 mm	Torch V	-1.0 mm
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EM

Discriminator	3.9 mV	Analog HV	2190 V	Pulse HV	1370 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		2805	28047.54			0.832	
89		15438	154379.14			1.065	
205		4991	49914.69			1.151	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	2789	2797	2800	2846	2793
89	15248	15555	15353	15655	15378
205	4957	5035	4934	5069	4963

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.52 L/min	Dilution Gas	0.47 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	9.6 V	Deflect	5.0 V
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US EPA Tune Check Report

Extract 2	-225.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	121	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	1.3 mm	Torch V	-1.0 mm		
EM					
Discriminator	3.9 mV	Analog HV	2190 V	Pulse HV	1370 V

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:38:34	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.68	-0.77	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.05	-0.03	-0.02	0.00	N/A	ppb
Barium	135-1	-0.02	0.00	0.02	0.00	N/A	ppb
Barium	137-1	0.03	-0.03	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.14	-0.03	-0.11	0.00	N/A	ppb
Boron	10-1	-0.26	0.08	0.18	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	1.29	2.03	-3.32	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.06	-0.03	0.00	N/A	ppb
Cadmium	111-1	0.00	0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	-0.08	3.76	-3.67	0.00	N/A	ppb
Calcium	44-1	-0.91	1.43	-0.51	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	-0.01	-0.05	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	0.01	0.01	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.07	0.12	-0.19	0.00	N/A	ppb
Iron	57-2	-3.51	1.28	2.23	0.00	N/A	ppb
Iron	54-2	1.14	0.97	-2.11	0.00	N/A	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:38:34	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.17	-2.57	2.40	0.00	N/A	ppb
Manganese	55-2	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.02	-0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	54.81	-7.84	10.58	19.18	167.88	ppb
Potassium	39-2	-0.34	-5.69	6.03	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.78	1.56	-0.78	0.00	N/A	ppb
Selenium	78-2	-0.91	0.75	0.15	0.00	N/A	ppb
Selenium	82-1	-1.73	-2.58	4.31	0.00	N/A	ppb
Silicon	28-1	-6.75	13.83	-7.09	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	2.68	1.35	-4.02	0.00	N/A	ppb
Strontium	86-1	-0.05	0.02	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-1167.44	93.53	-563.69	-545.87		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	205-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Tin	118-1	0.02	-0.01	-0.01	0.00	N/A	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:38:34	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.11	-0.02	0.13	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.15	-0.05	0.20	0.00	N/A	ppb
Zirconium	90-1	0.02	0.00	-0.02	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:48:20	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.83	19.42	19.78	20.01	3.66	ppb
Antimony	121-1	2.05	1.90	2.15	2.03	6.29	ppb
Arsenic	75-2	1.30	1.01	0.94	1.08	17.56	ppb
Barium	135-1	10.77	10.98	10.61	10.79	1.76	ppb
Barium	137-1	9.95	10.57	10.65	10.39	3.70	ppb
Beryllium	9-1	0.93	1.02	1.08	1.01	7.45	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	11-1	23.68	26.70	28.13	26.17	8.69	ppb
Boron	10-1	24.54	25.95	27.34	25.94	5.39	ppb
Bromine	81-1						cps
Cadmium	106-1	0.02	-0.88	0.09	-0.26		ppb
Cadmium	108-1	1.23	1.11	1.32	1.22	8.87	ppb
Cadmium	111-1	1.37	1.16	1.15	1.23	10.22	ppb
Calcium	43-1	487.47	479.80	455.50	474.26	3.52	ppb
Calcium	44-1	493.83	474.90	466.08	478.27	2.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	2.02	1.95	1.97	2.35	ppb
Cobalt	59-2	0.86	1.02	1.07	0.98	10.94	ppb
Copper	63-2	2.33	2.21	2.22	2.26	3.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	48.25	49.30	47.83	48.46	1.56	ppb
Iron	57-2	50.46	47.65	50.39	49.50	3.24	ppb
Iron	54-2	43.58	48.84	48.32	46.91	6.18	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:48:20	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.06	1.07	1.00	1.04	3.79	ppb
Lead	207-1	0.81	0.95	1.04	0.93	12.56	ppb
Lead	208-1	0.96	1.00	0.98	0.98	2.25	ppb
Lithium	6-1				100		%
Magnesium	24-2	522.71	528.39	517.54	522.88	1.04	ppb
Manganese	55-2	1.06	1.02	1.04	1.04	2.32	ppb
Molybdenum	94-1	5.06	5.34	5.20	5.20	2.66	ppb
Molybdenum	95-1	5.00	4.87	4.84	4.90	1.65	ppb
Molybdenum	96-1	5.12	4.94	5.01	5.02	1.75	ppb
Molybdenum	97-1	5.05	4.43	5.02	4.83	7.28	ppb
Molybdenum	98-1	5.13	4.98	5.05	5.05	1.46	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	1.06	1.20	1.17	1.14	6.67	ppb
Phosphorus	31-2	-7.35	-13.10	-37.10	-19.18		ppb
Potassium	39-2	481.57	495.17	494.04	490.26	1.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	3.94	13.33	6.26	7.85	62.33	ppb
Selenium	78-2	0.62	2.85	3.44	2.30	64.67	ppb
Selenium	82-1	11.01	6.55	0.97	6.18	81.38	ppb
Silicon	28-1	35.94	10.32	6.01	17.42	92.87	ppb
Silver	109-1	1.07	1.13	1.06	1.09	3.46	ppb
Silver	107-1	0.98	1.11	1.02	1.04	6.76	ppb
Sodium	23-2	502.02	502.05	495.83	499.97	0.72	ppb
Strontium	86-1	1.18	1.54	0.98	1.23	23.31	ppb
Strontium	88-1	1.04	1.07	0.99	1.03	4.03	ppb
Sulfur	34-1	1220.13	542.76	-125.28	545.87	123.24	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	205-1	0.97	0.84	0.96	0.92	7.97	ppb
Thallium	203-1	0.96	1.07	0.99	1.01	5.76	ppb
Tin	118-1	5.42	4.93	5.15	5.17	4.71	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:48:20	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.94	5.33	6.20	5.49	11.76	ppb
Uranium	238-1	0.94	0.94	0.92	0.93	1.40	ppb
Vanadium	51-2	5.14	5.30	5.14	5.19	1.77	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1.61	2.59	2.17	2.12	23.13	ppb
Zirconium	90-1	0.98	1.00	0.99	0.99	0.70	ppb
Zirconium	91-1	1.16	1.09	1.02	1.09	6.73	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:51:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	995.44	998.25	990.41	994.70	0.40	ppb
Antimony	121-1	52.61	50.54	49.48	50.88	3.13	ppb
Arsenic	75-2	49.00	49.07	48.94	49.01	0.13	ppb
Barium	135-1	254.96	255.60	250.32	253.63	1.14	ppb
Barium	137-1	257.84	260.36	251.92	256.71	1.69	ppb
Beryllium	9-1	50.53	53.00	52.07	51.87	2.41	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	11-1	46.31	53.08	55.36	51.58	9.12	ppb
Boron	10-1	45.97	50.28	52.62	49.62	6.80	ppb
Bromine	81-1						cps
Cadmium	106-1	55.62	52.73	45.16	51.17	10.56	ppb
Cadmium	108-1	50.39	48.35	52.99	50.58	4.60	ppb
Cadmium	111-1	52.04	51.50	50.11	51.22	1.95	ppb
Calcium	43-1	4973.04	4972.26	4897.83	4947.71	0.87	ppb
Calcium	44-1	4971.72	5032.70	4911.13	4971.85	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.62	49.03	49.22	49.62	1.75	ppb
Cobalt	59-2	49.96	49.96	48.80	49.57	1.34	ppb
Copper	63-2	511.60	518.49	502.77	510.95	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	2613.45	2548.07	2561.54	2574.35	1.34	ppb
Iron	57-2	2597.88	2540.64	2460.21	2532.91	2.73	ppb
Iron	54-2	2651.47	2638.02	2532.17	2607.22	2.51	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:51:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	248.90	238.39	248.84	245.38	2.47	ppb
Lead	207-1	253.08	234.63	241.68	243.13	3.83	ppb
Lead	208-1	249.67	244.34	246.38	246.80	1.09	ppb
Lithium	6-1				101		%
Magnesium	24-2	5298.81	5378.16	5250.26	5309.07	1.22	ppb
Manganese	55-2	503.42	504.52	491.78	499.90	1.41	ppb
Molybdenum	94-1	250.51	252.01	256.91	253.15	1.32	ppb
Molybdenum	95-1	248.53	249.77	261.33	253.21	2.79	ppb
Molybdenum	96-1	252.84	249.96	258.25	253.68	1.66	ppb
Molybdenum	97-1	244.99	248.45	253.44	248.96	1.71	ppb
Molybdenum	98-1	252.86	251.53	258.72	254.37	1.50	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	50.19	50.20	49.63	50.01	0.65	ppb
Phosphorus	31-2	838.57	1078.20	1043.47	986.75	13.12	ppb
Potassium	39-2	2551.33	2538.68	2486.30	2525.43	1.37	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	41.16	43.48	65.63	50.09	26.97	ppb
Selenium	78-2	52.06	49.57	46.71	49.45	5.42	ppb
Selenium	82-1	48.30	43.90	50.35	47.52	6.94	ppb
Silicon	28-1	41.25	54.30	45.19	46.91	14.27	ppb
Silver	109-1	53.58	51.79	51.10	52.16	2.46	ppb
Silver	107-1	52.60	52.27	50.92	51.93	1.71	ppb
Sodium	23-2	5218.96	5275.69	5150.77	5215.14	1.20	ppb
Strontium	86-1	51.07	49.28	51.27	50.54	2.17	ppb
Strontium	88-1	50.84	50.85	51.81	51.16	1.09	ppb
Sulfur	34-1	1214.35	1276.34	322.27	937.65	56.93	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	205-1	48.87	48.90	49.62	49.13	0.86	ppb
Thallium	203-1	50.42	49.05	48.89	49.45	1.70	ppb
Tin	118-1	51.98	50.25	50.19	50.81	2.00	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:51:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	253.44	263.69	256.10	257.74	2.06	ppb
Uranium	238-1	50.10	48.29	49.59	49.33	1.90	ppb
Vanadium	51-2	50.78	50.35	48.40	49.84	2.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	506.42	507.88	496.28	503.52	1.25	ppb
Zirconium	90-1	51.12	51.20	51.90	51.41	0.83	ppb
Zirconium	91-1	49.61	49.05	50.92	49.86	1.92	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:54:40	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2530.45	2583.13	2555.75	2556.44	1.03	ppb
Antimony	121-1	125.26	128.71	127.88	127.28	1.41	ppb
Arsenic	75-2	128.80	126.82	125.68	127.10	1.24	ppb
Barium	135-1	622.24	647.63	630.58	633.48	2.04	ppb
Barium	137-1	636.44	643.60	630.71	636.91	1.01	ppb
Beryllium	9-1	124.59	126.03	133.33	127.98	3.66	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	11-1	113.30	122.44	136.47	124.07	9.40	ppb
Boron	10-1	112.43	120.13	137.55	123.37	10.43	ppb
Bromine	81-1						cps
Cadmium	106-1	118.62	120.16	113.16	117.31	3.14	ppb
Cadmium	108-1	120.45	121.99	127.48	123.31	3.00	ppb
Cadmium	111-1	128.20	130.67	127.36	128.74	1.34	ppb
Calcium	43-1	11722.53	12231.05	11898.42	11950.67	2.16	ppb
Calcium	44-1	11743.75	12701.23	12142.32	12195.77	3.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.99	128.78	128.60	127.79	1.22	ppb
Cobalt	59-2	125.52	128.74	128.15	127.47	1.34	ppb
Copper	63-2	1295.90	1313.56	1307.49	1305.65	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	6527.14	6672.17	6659.04	6619.45	1.21	ppb
Iron	57-2	6475.69	6546.66	6471.62	6497.99	0.65	ppb
Iron	54-2	6509.94	6657.12	6676.76	6614.61	1.38	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:54:40	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	605.73	632.68	607.31	615.24	2.46	ppb
Lead	207-1	592.91	621.62	598.67	604.40	2.51	ppb
Lead	208-1	607.31	631.49	611.17	616.66	2.11	ppb
Lithium	6-1				102		%
Magnesium	24-2	13309.71	13534.09	13530.87	13458.22	0.96	ppb
Manganese	55-2	1267.92	1290.40	1284.88	1281.07	0.91	ppb
Molybdenum	94-1	619.41	632.22	627.40	626.34	1.03	ppb
Molybdenum	95-1	613.98	627.69	628.86	623.51	1.33	ppb
Molybdenum	96-1	616.10	626.23	636.46	626.26	1.62	ppb
Molybdenum	97-1	611.24	619.41	623.23	617.96	0.99	ppb
Molybdenum	98-1	617.73	635.62	631.44	628.26	1.49	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	127.74	132.21	128.19	129.38	1.91	ppb
Phosphorus	31-2	2566.52	2819.90	2426.40	2604.27	7.66	ppb
Potassium	39-2	6390.81	6559.57	6501.28	6483.89	1.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	116.26	119.81	128.78	121.62	5.31	ppb
Selenium	78-2	125.25	131.01	117.80	124.69	5.31	ppb
Selenium	82-1	120.07	122.46	126.86	123.13	2.80	ppb
Silicon	28-1	96.83	142.47	98.34	112.55	23.04	ppb
Silver	109-1	129.97	130.96	131.69	130.87	0.66	ppb
Silver	107-1	128.36	131.30	129.86	129.84	1.13	ppb
Sodium	23-2	13303.14	13349.11	13314.07	13322.11	0.18	ppb
Strontium	86-1	123.27	125.79	127.72	125.59	1.78	ppb
Strontium	88-1	124.77	127.67	127.75	126.73	1.34	ppb
Sulfur	34-1	539.97	1987.97	502.44	1010.13	83.86	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	205-1	125.21	127.45	119.94	124.20	3.10	ppb
Thallium	203-1	121.71	127.01	120.77	123.16	2.73	ppb
Tin	118-1	123.18	127.48	124.26	124.97	1.79	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:54:40	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	627.18	644.55	619.48	630.40	2.04	ppb
Uranium	238-1	121.57	123.76	122.05	122.46	0.94	ppb
Vanadium	51-2	126.86	129.07	129.98	128.64	1.25	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1281.66	1305.24	1294.90	1293.93	0.91	ppb
Zirconium	90-1	125.22	127.43	128.52	127.06	1.32	ppb
Zirconium	91-1	120.96	124.66	122.88	122.83	1.51	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:57:45	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4992.98	5006.85	5085.03	5028.29	0.99	ppb
Antimony	121-1	258.52	263.82	266.75	263.03	1.59	ppb
Arsenic	75-2	247.41	250.05	248.15	248.54	0.55	ppb
Barium	135-1	1265.47	1308.30	1312.59	1295.45	2.01	ppb
Barium	137-1	1277.75	1324.26	1327.57	1309.86	2.13	ppb
Beryllium	9-1	249.92	266.75	258.80	258.49	3.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	11-1	225.47	267.68	265.49	252.88	9.40	ppb
Boron	10-1	228.88	261.33	272.29	254.17	8.88	ppb
Bromine	81-1						cps
Cadmium	106-1	247.56	245.11	251.90	248.19	1.39	ppb
Cadmium	108-1	258.07	266.13	270.29	264.83	2.35	ppb
Cadmium	111-1	256.11	261.60	261.10	259.60	1.17	ppb
Calcium	43-1	23651.75	25523.26	24438.03	24537.68	3.83	ppb
Calcium	44-1	23558.17	25792.43	24767.48	24706.03	4.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	247.80	249.31	257.54	251.55	2.08	ppb
Cobalt	59-2	248.29	250.96	253.61	250.95	1.06	ppb
Copper	63-2	2542.44	2547.51	2602.53	2564.16	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	12664.21	12775.22	13037.16	12825.53	1.49	ppb
Iron	57-2	12666.01	12838.94	12982.49	12829.14	1.24	ppb
Iron	54-2	12977.25	13077.85	13229.22	13094.77	0.97	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:57:45	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1258.38	1240.34	1266.80	1255.18	1.08	ppb
Lead	207-1	1233.29	1238.15	1231.14	1234.20	0.29	ppb
Lead	208-1	1256.92	1274.78	1264.77	1265.49	0.71	ppb
Lithium	6-1				101		%
Magnesium	24-2	25924.16	25969.35	26632.39	26175.30	1.51	ppb
Manganese	55-2	2500.33	2519.94	2536.87	2519.05	0.73	ppb
Molybdenum	94-1	1182.24	1302.79	1244.58	1243.21	4.85	ppb
Molybdenum	95-1	1220.12	1323.40	1222.19	1255.24	4.70	ppb
Molybdenum	96-1	1192.45	1298.45	1230.70	1240.53	4.33	ppb
Molybdenum	97-1	1194.52	1293.27	1268.52	1252.10	4.10	ppb
Molybdenum	98-1	1205.27	1295.70	1301.44	1267.47	4.26	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	252.06	255.22	255.83	254.37	0.80	ppb
Phosphorus	31-2	5089.74	4924.78	5141.35	5051.95	2.24	ppb
Potassium	39-2	12662.84	12781.65	13140.47	12861.65	1.93	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	240.65	295.49	245.96	260.70	11.60	ppb
Selenium	78-2	238.07	241.15	247.53	242.25	1.99	ppb
Selenium	82-1	241.65	255.70	260.21	252.52	3.83	ppb
Silicon	28-1	233.87	290.19	267.73	263.93	10.74	ppb
Silver	109-1	258.62	270.16	265.04	264.61	2.19	ppb
Silver	107-1	261.68	263.99	270.35	265.34	1.69	ppb
Sodium	23-2	25424.59	25444.95	26661.96	25843.83	2.74	ppb
Strontium	86-1	239.10	260.95	250.97	250.34	4.37	ppb
Strontium	88-1	247.54	264.27	254.89	255.57	3.28	ppb
Sulfur	34-1	3211.71	5619.08	4622.27	4484.35	26.97	ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	205-1	250.06	251.54	253.70	251.77	0.73	ppb
Thallium	203-1	247.58	249.34	250.75	249.23	0.64	ppb
Tin	118-1	250.61	258.71	260.01	256.45	1.99	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:57:45	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1226.81	1317.20	1268.98	1271.00	3.56	ppb
Uranium	238-1	250.02	255.07	246.04	250.38	1.81	ppb
Vanadium	51-2	252.21	250.76	254.37	252.45	0.72	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	2526.63	2516.40	2559.65	2534.23	0.89	ppb
Zirconium	90-1	247.39	265.96	261.46	258.27	3.75	ppb
Zirconium	91-1	235.13	260.02	248.53	247.89	5.02	ppb

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 11:00:43 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9991.58	10150.26	10023.15	10055.00	0.84	ppb
Antimony	121-1	492.32	520.25	522.97	511.85	3.31	ppb
Arsenic	75-2	503.86	501.02	496.53	500.47	0.74	ppb
Barium	135-1	2466.19	2563.31	2555.12	2528.21	2.13	ppb
Barium	137-1	2447.63	2578.59	2579.46	2535.23	2.99	ppb
Beryllium	9-1	511.90	505.66	512.40	509.99	0.74	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	11-1	463.27	495.42	526.39	495.03	6.38	ppb
Boron	10-1	461.54	498.27	536.84	498.88	7.55	ppb
Bromine	81-1						cps
Cadmium	106-1	474.19	501.60	520.96	498.92	4.71	ppb
Cadmium	108-1	488.87	510.20	515.92	505.00	2.82	ppb
Cadmium	111-1	487.20	511.53	520.41	506.38	3.40	ppb
Calcium	43-1	49356.98	49675.68	50396.91	49809.86	1.07	ppb
Calcium	44-1	49333.35	49099.13	49909.02	49447.17	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.27	512.05	507.63	505.65	1.50	ppb
Cobalt	59-2	501.17	504.14	504.25	503.19	0.35	ppb
Copper	63-2	5158.38	5057.10	5028.25	5081.24	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	25635.92	25910.89	25676.27	25741.03	0.58	ppb
Iron	57-2	25493.12	25821.46	25738.39	25684.32	0.66	ppb
Iron	54-2	25852.15	26272.11	26018.36	26047.54	0.81	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:00:43	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2561.47	2470.18	2565.28	2532.31	2.13	ppb
Lead	207-1	2512.06	2503.63	2526.07	2513.92	0.45	ppb
Lead	208-1	2509.70	2510.98	2525.98	2515.55	0.36	ppb
Lithium	6-1				104		%
Magnesium	24-2	51552.72	52384.79	52119.72	52019.07	0.82	ppb
Manganese	55-2	5051.91	5208.86	5089.96	5116.91	1.60	ppb
Molybdenum	94-1	2538.93	2506.57	2533.18	2526.22	0.68	ppb
Molybdenum	95-1	2531.68	2507.28	2534.05	2524.34	0.59	ppb
Molybdenum	96-1	2565.92	2568.72	2498.55	2544.40	1.56	ppb
Molybdenum	97-1	2515.62	2551.27	2504.63	2523.84	0.97	ppb
Molybdenum	98-1	2501.87	2543.86	2481.69	2509.14	1.26	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	505.10	509.25	501.20	505.18	0.80	ppb
Phosphorus	31-2	9996.73	10184.93	9874.77	10018.81	1.56	ppb
Potassium	39-2	25281.23	25525.86	25494.98	25434.03	0.52	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	508.85	477.06	490.52	492.14	3.24	ppb
Selenium	78-2	473.28	497.29	503.68	491.42	3.26	ppb
Selenium	82-1	503.49	509.73	502.68	505.30	0.76	ppb
Silicon	28-1	534.02	532.46	574.72	547.07	4.38	ppb
Silver	109-1	492.26	521.95	516.22	510.14	3.09	ppb
Silver	107-1	473.20	510.73	516.97	500.30	4.73	ppb
Sodium	23-2	51026.98	51939.25	51204.20	51390.14	0.94	ppb
Strontium	86-1	503.49	520.55	497.36	507.13	2.37	ppb
Strontium	88-1	500.60	516.06	498.63	505.10	1.89	ppb
Sulfur	34-1	10656.62	10383.16	9982.05	10340.61	3.28	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	205-1	518.00	504.09	502.76	508.28	1.66	ppb
Thallium	203-1	501.18	495.69	496.14	497.67	0.61	ppb
Tin	118-1	482.77	519.19	528.98	510.31	4.77	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:00:43	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2579.84	2590.62	2573.02	2581.16	0.34	ppb
Uranium	238-1	489.16	497.99	503.02	496.72	1.41	ppb
Vanadium	51-2	501.12	505.77	504.93	503.94	0.49	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	5051.61	5096.56	5090.97	5079.71	0.48	ppb
Zirconium	90-1	496.88	509.46	503.10	503.15	1.25	ppb
Zirconium	91-1	497.12	506.72	493.67	499.17	1.36	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:03:43	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19899.45	19897.87	19581.03	19792.78	0.93	ppb
Antimony	121-1	996.33	986.24	988.90	990.49	0.53	ppb
Arsenic	75-2	1013.00	984.30	1002.46	999.92	1.45	ppb
Barium	135-1	4991.50	4896.24	5032.13	4973.29	1.40	ppb
Barium	137-1	4916.52	4937.14	5043.13	4965.60	1.37	ppb
Beryllium	9-1	987.90	993.89	995.47	992.42	0.40	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	11-1	933.49	1003.60	1068.24	1001.78	6.73	ppb
Boron	10-1	942.92	1000.31	1055.92	999.72	5.65	ppb
Bromine	81-1						cps
Cadmium	106-1	990.55	999.99	1015.15	1001.90	1.24	ppb
Cadmium	108-1	979.92	998.08	1003.93	993.98	1.26	ppb
Cadmium	111-1	996.72	992.18	992.74	993.88	0.25	ppb
Calcium	43-1	96753.34	96589.16	97507.88	96950.12	0.51	ppb
Calcium	44-1	95481.89	95482.11	98562.18	96508.73	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1003.92	990.02	995.44	996.46	0.70	ppb
Cobalt	59-2	1002.55	1004.46	986.63	997.88	0.98	ppb
Copper	63-2	10026.49	9909.13	9871.89	9935.83	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	51051.70	51296.55	50397.16	50915.14	0.91	ppb
Iron	57-2	51100.89	51226.99	51019.20	51115.70	0.20	ppb
Iron	54-2	53281.43	52804.22	51420.70	52502.12	1.84	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:03:43	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4845.11	5113.05	4993.85	4984.00	2.69	ppb
Lead	207-1	4855.53	5245.90	4898.30	4999.91	4.28	ppb
Lead	208-1	4871.45	5143.45	4953.77	4989.55	2.80	ppb
Lithium	6-1				105		%
Magnesium	24-2	102456.10	101854.42	100472.95	101594.49	1.00	ppb
Manganese	55-2	9918.45	9952.40	9927.86	9932.90	0.18	ppb
Molybdenum	94-1	4928.29	5091.83	4944.66	4988.26	1.81	ppb
Molybdenum	95-1	4941.72	5016.65	5001.28	4986.55	0.79	ppb
Molybdenum	96-1	4904.32	5055.07	4980.08	4979.83	1.51	ppb
Molybdenum	97-1	4854.58	5147.19	4963.69	4988.49	2.96	ppb
Molybdenum	98-1	4908.67	5101.24	4961.40	4990.44	1.99	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	1002.09	1002.01	983.21	995.77	1.09	ppb
Phosphorus	31-2	19996.25	19441.80	20457.65	19965.23	2.55	ppb
Potassium	39-2	49727.27	49818.49	50341.77	49962.51	0.66	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	77-2	1010.86	1006.60	987.51	1001.66	1.24	ppb
Selenium	78-2	1000.94	988.44	1029.54	1006.31	2.09	ppb
Selenium	82-1	985.17	1000.81	1005.23	997.07	1.06	ppb
Silicon	28-1	950.71	963.32	1009.83	974.62	3.20	ppb
Silver	109-1	985.15	990.94	995.22	990.44	0.51	ppb
Silver	107-1	976.74	983.65	1025.55	995.31	2.65	ppb
Sodium	23-2	101034.01	101359.98	100650.91	101014.97	0.35	ppb
Strontium	86-1	993.73	995.97	999.05	996.25	0.27	ppb
Strontium	88-1	985.73	993.94	1007.68	995.78	1.11	ppb
Sulfur	34-1	20488.64	20003.94	19951.29	20147.96	1.47	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	205-1	971.29	1024.35	991.05	995.56	2.69	ppb
Thallium	203-1	982.87	1027.75	994.23	1001.62	2.33	ppb
Tin	118-1	1000.73	974.04	1004.82	993.20	1.68	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:03:43	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4972.32	5023.95	4863.05	4953.11	1.66	ppb
Uranium	238-1	1002.11	1023.79	979.79	1001.89	2.20	ppb
Vanadium	51-2	1006.83	1000.58	983.51	996.97	1.21	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	9969.66	9958.54	9909.55	9945.92	0.32	ppb
Zirconium	90-1	982.17	997.39	1008.54	996.03	1.33	ppb
Zirconium	91-1	995.44	1009.82	998.39	1001.22	0.76	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:06:42	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102516.06	103025.93	94557.52	100033.17	4.75	ppb
Antimony	121-1	0.77	0.73	0.69	0.73	5.51	ppb
Arsenic	75-2	0.48	0.30	0.24	0.34	38.19	ppb
Barium	135-1	2.03	1.88	1.80	1.90	6.24	ppb
Barium	137-1	1.86	1.95	1.99	1.94	3.30	ppb
Beryllium	9-1	0.24	0.25	0.21	0.23	8.15	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	11-1	161.37	146.87	136.52	148.25	8.42	ppb
Boron	10-1	166.83	147.89	141.08	151.93	8.78	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.93	-14.80	-10.20	-9.64		ppb
Cadmium	108-1	0.91	0.88	0.20	0.66	60.49	ppb
Cadmium	111-1	0.42	0.24	0.24	0.30	33.78	ppb
Calcium	43-1	493273.32	495897.34	512828.50	500666.39	2.12	ppb
Calcium	44-1	492441.70	493149.51	516737.23	500776.15	2.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.73	6.43	5.91	6.36	6.48	ppb
Cobalt	59-2	1.37	1.44	1.31	1.37	4.94	ppb
Copper	63-2	5.90	5.90	5.47	5.76	4.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	257787.89	253824.55	237537.40	249716.61	4.30	ppb
Iron	57-2	254186.81	253483.76	241385.75	249685.44	2.88	ppb
Iron	54-2	257550.02	253354.65	237160.02	249354.90	4.32	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:06:42	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	10.74	10.47	11.44	10.89	4.56	ppb
Lead	207-1	10.59	10.28	11.26	10.71	4.66	ppb
Lead	208-1	10.91	10.28	11.30	10.83	4.77	ppb
Lithium	6-1				106		%
Magnesium	24-2	508848.87	510358.95	478972.26	499393.36	3.54	ppb
Manganese	55-2	7.93	6.86	6.12	6.97	13.03	ppb
Molybdenum	94-1	2.25	1.94	2.02	2.07	7.70	ppb
Molybdenum	95-1	2.24	2.14	1.86	2.08	9.58	ppb
Molybdenum	96-1	3.22	2.84	2.87	2.97	7.20	ppb
Molybdenum	97-1	2.14	2.01	1.93	2.03	5.27	ppb
Molybdenum	98-1	2.25	2.03	1.90	2.06	8.46	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	4.75	4.71	4.66	4.71	1.05	ppb
Phosphorus	31-2	-2.01	-56.84	-125.74	-61.53		ppb
Potassium	39-2	255044.56	255728.55	239046.68	249939.93	3.78	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	1.51	-0.78	3.66	1.46	151.80	ppb
Selenium	78-2	-1.94	-3.57	-1.07	-2.19		ppb
Selenium	82-1	5.15	-0.40	-0.67	1.36	241.04	ppb
Silicon	28-1	159.03	217.80	265.95	214.26	24.99	ppb
Silver	109-1	0.38	0.40	0.38	0.39	3.38	ppb
Silver	107-1	0.42	0.35	0.38	0.38	8.18	ppb
Sodium	23-2	513833.08	506768.11	478178.10	499593.10	3.78	ppb
Strontium	86-1	6.04	5.85	4.85	5.58	11.42	ppb
Strontium	88-1	5.74	5.76	5.84	5.78	0.91	ppb
Sulfur	34-1	-6045.55	-5866.68	-4552.74	-5488.32		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	205-1	0.26	0.19	0.19	0.21	18.43	ppb
Thallium	203-1	0.27	0.33	0.19	0.26	26.34	ppb
Tin	118-1	0.44	0.36	0.37	0.39	11.40	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:06:42	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.73	0.63	0.68	0.68	7.96	ppb
Uranium	238-1	0.17	0.11	0.11	0.13	26.45	ppb
Vanadium	51-2	0.16	0.15	0.17	0.16	8.42	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	15.02	15.80	13.61	14.81	7.51	ppb
Zirconium	90-1	0.31	0.32	0.28	0.30	6.70	ppb
Zirconium	91-1	0.39	0.35	0.21	0.31	29.75	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:27:05	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	501.81	502.29	508.93	504.34	0.79	ppb
Antimony	121-1	205.92	206.22	204.05	205.39	0.57	ppb
Arsenic	75-2	205.62	206.07	202.32	204.67	1.00	ppb
Barium	135-1	102.34	104.00	100.56	102.30	1.68	ppb
Barium	137-1	107.45	104.14	105.60	105.73	1.57	ppb
Beryllium	9-1	103.44	103.41	102.46	103.10	0.54	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	11-1	378.99	436.94	463.40	426.44	10.12	ppb
Boron	10-1	389.28	437.61	467.92	431.60	9.19	ppb
Bromine	81-1						cps
Cadmium	106-1	148.20	147.71	143.30	146.41	1.84	ppb
Cadmium	108-1	140.01	141.25	144.34	141.87	1.57	ppb
Cadmium	111-1	104.33	103.65	101.73	103.24	1.31	ppb
Calcium	43-1	2060.07	2059.68	2089.01	2069.59	0.81	ppb
Calcium	44-1	1983.71	1962.91	1998.16	1981.59	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.79	101.69	100.32	101.60	1.22	ppb
Cobalt	59-2	104.81	102.20	103.23	103.41	1.27	ppb
Copper	63-2	107.69	104.97	105.97	106.21	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	2053.44	2017.23	2036.90	2035.85	0.89	ppb
Iron	57-2	2061.95	1980.78	2037.67	2026.80	2.06	ppb
Iron	54-2	2119.82	2071.27	2115.76	2102.28	1.28	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:27:05	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	210.34	217.91	221.74	216.66	2.68	ppb
Lead	207-1	192.94	202.84	208.66	201.48	3.95	ppb
Lead	208-1	204.75	214.44	217.00	212.06	3.05	ppb
Lithium	6-1				99		%
Magnesium	24-2	1241.70	1176.06	1231.10	1216.29	2.90	ppb
Manganese	55-2	101.54	98.52	98.77	99.61	1.68	ppb
Molybdenum	94-1	2537.07	2476.43	2436.63	2483.38	2.04	ppb
Molybdenum	95-1	2526.21	2421.38	2486.77	2478.12	2.14	ppb
Molybdenum	96-1	2469.63	2393.43	2466.50	2443.19	1.76	ppb
Molybdenum	97-1	2506.73	2430.94	2473.69	2470.45	1.54	ppb
Molybdenum	98-1	2475.30	2436.32	2481.26	2464.29	0.99	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	105.37	105.23	105.38	105.32	0.08	ppb
Phosphorus	31-2	-11.07	-40.97	-28.04	-26.69		ppb
Potassium	39-2	2055.61	1929.65	1995.37	1993.54	3.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	228.51	208.05	178.20	204.92	12.34	ppb
Selenium	78-2	202.89	199.81	200.30	201.00	0.82	ppb
Selenium	82-1	207.61	199.33	199.55	202.16	2.33	ppb
Silicon	28-1	414.09	385.71	380.54	393.45	4.59	ppb
Silver	109-1	50.93	51.38	51.09	51.13	0.45	ppb
Silver	107-1	50.47	51.56	50.32	50.78	1.34	ppb
Sodium	23-2	2071.79	2021.34	2053.32	2048.82	1.25	ppb
Strontium	86-1	503.08	498.73	493.28	498.36	0.99	ppb
Strontium	88-1	489.25	501.41	495.74	495.47	1.23	ppb
Sulfur	34-1	-2681.63	-4272.44	-3799.78	-3584.62		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	205-1	195.99	202.64	202.60	200.41	1.91	ppb
Thallium	203-1	190.00	206.63	202.52	199.72	4.34	ppb
Tin	118-1	508.86	518.21	511.84	512.97	0.93	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:27:05	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2713.88	2667.61	2679.19	2686.89	0.90	ppb
Uranium	238-1	471.45	496.25	482.62	483.44	2.57	ppb
Vanadium	51-2	102.49	99.45	99.52	100.48	1.73	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	203.07	198.70	200.66	200.81	1.09	ppb
Zirconium	90-1	485.81	503.89	487.45	492.38	2.03	ppb
Zirconium	91-1	478.11	483.59	488.98	483.56	1.12	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:44:47	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.30	16.16	21.18	18.88	13.42	ppb
Antimony	121-1	2.00	2.15	2.09	2.08	3.68	ppb
Arsenic	75-2	1.08	1.01	0.91	1.00	8.38	ppb
Barium	135-1	9.89	9.82	9.62	9.77	1.43	ppb
Barium	137-1	10.36	10.29	10.28	10.31	0.43	ppb
Beryllium	9-1	1.05	1.06	1.13	1.08	3.73	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	11-1	26.18	28.86	30.86	28.64	8.20	ppb
Boron	10-1	25.07	28.84	30.88	28.27	10.43	ppb
Bromine	81-1						cps
Cadmium	106-1	-11.45	-14.72	-10.23	-12.13		ppb
Cadmium	108-1	0.63	1.38	1.20	1.07	36.73	ppb
Cadmium	111-1	0.98	0.93	1.05	0.99	6.19	ppb
Calcium	43-1	440.83	468.19	484.87	464.63	4.79	ppb
Calcium	44-1	405.86	448.05	449.15	434.35	5.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	2.02	2.04	2.01	1.72	ppb
Cobalt	59-2	1.03	1.06	1.15	1.08	5.67	ppb
Copper	63-2	2.22	2.09	2.29	2.20	4.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	48.91	50.53	49.38	49.61	1.67	ppb
Iron	57-2	59.37	43.81	47.08	50.09	16.38	ppb
Iron	54-2	49.06	49.90	48.98	49.32	1.03	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:44:47	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.99	1.18	1.16	1.11	9.67	ppb
Lead	207-1	0.99	1.16	1.09	1.08	7.76	ppb
Lead	208-1	1.06	1.15	1.12	1.11	3.95	ppb
Lithium	6-1				96		%
Magnesium	24-2	514.76	508.09	516.20	513.02	0.84	ppb
Manganese	55-2	1.04	0.95	0.92	0.97	6.81	ppb
Molybdenum	94-1	4.83	5.26	5.23	5.11	4.78	ppb
Molybdenum	95-1	4.69	5.14	5.05	4.96	4.83	ppb
Molybdenum	96-1	4.85	4.99	4.64	4.82	3.69	ppb
Molybdenum	97-1	4.91	5.06	4.68	4.88	3.85	ppb
Molybdenum	98-1	4.83	4.84	4.85	4.84	0.17	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.89	1.06	0.92	0.96	9.63	ppb
Phosphorus	31-2	-63.20	-56.33	-14.22	-44.58		ppb
Potassium	39-2	487.95	481.88	453.85	474.56	3.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	3.93	6.22	8.46	6.20	36.53	ppb
Selenium	78-2	8.88	2.74	3.62	5.08	65.40	ppb
Selenium	82-1	5.00	6.19	4.35	5.18	17.99	ppb
Silicon	28-1	-43.20	-2.05	-7.36	-17.54		ppb
Silver	109-1	0.93	0.96	1.08	0.99	7.80	ppb
Silver	107-1	0.95	0.90	0.98	0.94	4.12	ppb
Sodium	23-2	524.72	496.05	502.14	507.64	2.97	ppb
Strontium	86-1	0.63	1.00	1.18	0.94	29.86	ppb
Strontium	88-1	1.04	1.01	1.07	1.04	2.69	ppb
Sulfur	34-1	-4053.32	-1596.79	-1102.19	-2250.77		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	205-1	1.00	1.00	1.01	1.01	0.68	ppb
Thallium	203-1	1.07	0.94	1.05	1.02	7.00	ppb
Tin	118-1	5.22	5.44	5.02	5.22	4.00	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:44:47	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.89	4.56	4.76	4.74	3.47	ppb
Uranium	238-1	0.89	0.99	1.00	0.96	6.42	ppb
Vanadium	51-2	4.86	5.38	4.94	5.06	5.46	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.32	1.80	2.39	2.17	14.72	ppb
Zirconium	90-1	0.88	0.99	0.96	0.95	6.11	ppb
Zirconium	91-1	0.99	1.02	0.98	1.00	2.06	ppb

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 11:50:31 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.51	-0.40	-2.82	-1.91		ppb
Antimony	121-1	0.00	-0.01	0.00	0.00		ppb
Arsenic	75-2	-0.04	-0.08	-0.04	-0.05		ppb
Barium	135-1	0.01	-0.02	0.07	0.02	228.88	ppb
Barium	137-1	-0.01	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	129.45	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	9.89	9.33	8.70	9.31	6.38	ppb
Boron	10-1	10.84	9.08	8.63	9.52	12.23	ppb
Bromine	81-1						cps
Cadmium	106-1	-9.43	-16.35	-13.05	-12.94		ppb
Cadmium	108-1	0.06	0.43	-0.03	0.15	161.48	ppb
Cadmium	111-1	-0.11	-0.20	-0.12	-0.14		ppb
Calcium	43-1	-11.06	-17.76	-21.00	-16.61		ppb
Calcium	44-1	-54.60	-59.22	-58.36	-57.40		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.14	-0.02	-0.07		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.03	-0.03	-0.02	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	-2.61	-2.78	-2.38	-2.59		ppb
Iron	57-2	-5.61	-6.24	-4.21	-5.35		ppb
Iron	54-2	-3.08	-1.40	-4.16	-2.88		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:50:31	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.06	0.12	0.10	33.07	ppb
Lead	207-1	0.04	0.02	0.05	0.04	47.20	ppb
Lead	208-1	0.08	0.04	0.08	0.06	38.07	ppb
Lithium	6-1				96		%
Magnesium	24-2	-5.19	-6.49	-3.24	-4.97		ppb
Manganese	55-2	-0.05	-0.05	-0.02	-0.04		ppb
Molybdenum	94-1	0.05	0.03	0.04	0.04	16.80	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	490.71	ppb
Molybdenum	96-1	0.02	0.01	0.00	0.01	98.62	ppb
Molybdenum	97-1	0.00	0.03	0.01	0.01	114.11	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	55.98	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.04	-0.05	-0.04	-0.05		ppb
Phosphorus	31-2	-53.36	-0.81	-37.88	-30.68		ppb
Potassium	39-2	-24.04	-21.48	-31.23	-25.58		ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	-0.78	3.93	1.57	1.57	149.88	ppb
Selenium	78-2	-3.01	-1.92	-1.09	-2.01		ppb
Selenium	82-1	-3.89	-7.08	9.81	-0.39		ppb
Silicon	28-1	-31.79	-41.52	-48.06	-40.46		ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.78	ppb
Silver	107-1	0.02	0.01	0.01	0.01	36.03	ppb
Sodium	23-2	-20.76	-18.16	-22.95	-20.63		ppb
Strontium	86-1	0.24	-0.31	0.28	0.07	468.43	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-716.89	-2450.07	-2770.76	-1979.24		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	205-1	-0.03	-0.02	-0.04	-0.03		ppb
Thallium	203-1	-0.02	-0.03	-0.01	-0.02		ppb
Tin	118-1	0.02	-0.02	-0.02	-0.01		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:50:31	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.20	0.08	-0.02	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.01	0.00	0.01	132.81	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	0.24	-0.10	0.22	0.12	163.71	ppb
Zirconium	90-1	0.01	0.01	-0.01	0.00	1006.76	ppb
Zirconium	91-1	-0.04	-0.01	0.03	-0.01		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:03:07	DataFile Name :	020ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91829.92	94718.74	94650.44	93733.03	1.76	ppb
Antimony	121-1	1.04	1.06	1.09	1.06	2.70	ppb
Arsenic	75-2	0.23	0.26	0.23	0.24	6.09	ppb
Barium	135-1	1.29	1.30	1.39	1.33	4.05	ppb
Barium	137-1	1.60	1.54	1.48	1.54	3.88	ppb
Beryllium	9-1	0.18	0.20	0.23	0.20	11.07	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	11-1	4.99	4.40	4.15	4.51	9.56	ppb
Boron	10-1	5.33	4.79	3.97	4.70	14.65	ppb
Bromine	81-1						cps
Cadmium	106-1	-20.96	-14.00	-17.04	-17.33		ppb
Cadmium	108-1	7.52	8.69	8.26	8.16	7.23	ppb
Cadmium	111-1	0.15	0.14	0.29	0.19	42.92	ppb
Calcium	43-1	94215.58	93409.57	91457.90	93027.68	1.52	ppb
Calcium	44-1	92711.96	93226.95	90745.84	92228.25	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.06	19.93	19.36	19.45	2.27	ppb
Cobalt	59-2	1.17	1.07	1.05	1.10	5.94	ppb
Copper	63-2	7.92	8.02	7.75	7.90	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	97349.54	99371.65	97516.58	98079.26	1.14	ppb
Iron	57-2	98057.73	101030.84	99138.42	99408.99	1.51	ppb
Iron	54-2	97293.68	100642.28	99074.13	99003.36	1.69	ppb

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 12:03:07 DataFile Name : 020ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.59	4.62	4.51	4.57	1.21	ppb
Lead	207-1	3.86	3.95	3.71	3.84	3.18	ppb
Lead	208-1	4.16	4.25	4.07	4.16	2.06	ppb
Lithium	6-1				112		%
Magnesium	24-2	94234.78	94651.31	93927.15	94271.08	0.39	ppb
Manganese	55-2	7.03	7.35	7.22	7.20	2.22	ppb
Molybdenum	94-1	1218.32	1282.30	1294.13	1264.92	3.22	ppb
Molybdenum	95-1	1793.71	1837.11	1799.48	1810.10	1.30	ppb
Molybdenum	96-1	1709.52	1719.91	1736.03	1721.82	0.78	ppb
Molybdenum	97-1	1796.58	1810.82	1784.78	1797.39	0.73	ppb
Molybdenum	98-1	1795.45	1791.67	1789.57	1792.23	0.17	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	5.10	5.06	5.21	5.12	1.59	ppb
Phosphorus	31-2	94234.70	96600.75	94785.77	95207.07	1.30	ppb
Potassium	39-2	95106.32	95851.78	96370.24	95776.11	0.66	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	-0.78	1.56	6.03	2.27	152.45	ppb
Selenium	78-2	0.34	-1.12	1.16	0.13	915.10	ppb
Selenium	82-1	-5.31	-2.22	-5.92	-4.48		ppb
Silicon	28-1	-11.76	-23.54	-27.29	-20.86		ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.00	ppb
Silver	107-1	0.03	0.04	0.02	0.03	26.48	ppb
Sodium	23-2	97240.45	100391.96	97524.98	98385.80	1.77	ppb
Strontium	86-1	31.34	32.21	31.89	31.82	1.39	ppb
Strontium	88-1	33.11	33.77	33.80	33.56	1.17	ppb
Sulfur	34-1	84925.91	84947.81	82965.26	84279.66	1.35	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	205-1	0.01	0.00	0.00	0.00	141.67	ppb
Thallium	203-1	0.03	0.00	0.01	0.01	117.93	ppb
Tin	118-1	0.13	0.13	0.17	0.14	14.33	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:03:07	DataFile Name :	020ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1983.65	1954.49	1915.33	1951.16	1.76	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	45.07	ppb
Vanadium	51-2	0.15	0.17	0.19	0.17	13.57	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	11.53	10.75	10.33	10.87	5.59	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	-0.02	0.02	0.01	0.00	2897.70	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:05:55	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96469.37	97931.38	94662.64	96354.46	1.70	ppb
Antimony	121-1	21.02	20.68	21.24	20.98	1.35	ppb
Arsenic	75-2	19.79	20.07	19.62	19.83	1.15	ppb
Barium	135-1	21.68	19.93	22.34	21.32	5.86	ppb
Barium	137-1	21.51	20.88	21.30	21.23	1.52	ppb
Beryllium	9-1	17.47	17.99	17.79	17.75	1.47	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	11-1	70.07	72.51	72.70	71.76	2.04	ppb
Boron	10-1	72.12	73.58	73.33	73.01	1.07	ppb
Bromine	81-1						cps
Cadmium	106-1	6.78	6.26	7.83	6.96	11.53	ppb
Cadmium	108-1	29.41	26.61	30.90	28.97	7.52	ppb
Cadmium	111-1	18.99	19.16	20.49	19.54	4.20	ppb
Calcium	43-1	94113.82	95610.54	96394.72	95373.03	1.22	ppb
Calcium	44-1	94720.54	95216.93	97035.09	95657.52	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.68	40.49	39.36	39.51	2.31	ppb
Cobalt	59-2	20.63	21.32	20.52	20.82	2.10	ppb
Copper	63-2	28.83	28.93	28.41	28.73	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	99609.57	101488.76	98612.07	99903.47	1.46	ppb
Iron	57-2	100105.64	102490.05	98374.60	100323.43	2.06	ppb
Iron	54-2	99708.68	103121.12	99989.69	100939.83	1.88	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:05:55	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.68	24.30	25.39	24.79	2.22	ppb
Lead	207-1	21.98	22.82	22.56	22.45	1.93	ppb
Lead	208-1	23.44	23.56	23.96	23.65	1.15	ppb
Lithium	6-1				117		%
Magnesium	24-2	97195.85	98814.47	95485.83	97165.38	1.71	ppb
Manganese	55-2	26.23	26.93	26.53	26.56	1.33	ppb
Molybdenum	94-1	1397.18	1409.63	1434.71	1413.84	1.35	ppb
Molybdenum	95-1	1880.16	1906.72	1947.79	1911.55	1.78	ppb
Molybdenum	96-1	1821.30	1836.20	1872.90	1843.47	1.44	ppb
Molybdenum	97-1	1903.79	1887.46	1904.95	1898.73	0.51	ppb
Molybdenum	98-1	1912.74	1891.91	1902.82	1902.49	0.55	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	24.62	24.80	25.12	24.84	1.02	ppb
Phosphorus	31-2	98916.05	98908.12	98309.81	98711.33	0.35	ppb
Potassium	39-2	97225.98	96194.68	94433.89	95951.52	1.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	13.00	27.36	28.90	23.09	37.98	ppb
Selenium	78-2	19.55	17.50	14.93	17.33	13.36	ppb
Selenium	82-1	13.60	15.74	18.29	15.88	14.80	ppb
Silicon	28-1	40.23	28.13	32.36	33.57	18.28	ppb
Silver	109-1	18.67	18.86	18.91	18.81	0.68	ppb
Silver	107-1	19.14	18.85	19.23	19.07	1.05	ppb
Sodium	23-2	100467.67	102751.74	98009.33	100409.58	2.36	ppb
Strontium	86-1	83.40	83.30	85.01	83.90	1.15	ppb
Strontium	88-1	85.71	86.25	88.31	86.76	1.58	ppb
Sulfur	34-1	86960.50	82991.08	85894.79	85282.12	2.41	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	205-1	19.91	20.16	20.61	20.23	1.76	ppb
Thallium	203-1	19.05	19.95	20.61	19.87	3.93	ppb
Tin	118-1	53.03	50.90	51.94	51.96	2.05	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:05:55	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2045.58	2014.97	2058.52	2039.69	1.10	ppb
Uranium	238-1	51.92	51.01	54.22	52.38	3.16	ppb
Vanadium	51-2	19.94	20.31	19.16	19.81	2.96	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	30.65	29.35	31.24	30.41	3.18	ppb
Zirconium	90-1	52.21	52.77	53.65	52.88	1.38	ppb
Zirconium	91-1	50.33	50.79	52.87	51.33	2.64	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:08:46	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48007.19	48880.53	47665.38	48184.37	1.30	ppb
Antimony	121-1	480.85	493.60	478.92	484.46	1.65	ppb
Arsenic	75-2	503.99	498.09	493.89	498.66	1.02	ppb
Barium	135-1	2432.46	2445.10	2413.16	2430.24	0.66	ppb
Barium	137-1	2460.34	2465.10	2475.91	2467.12	0.32	ppb
Beryllium	9-1	450.59	449.77	460.53	453.63	1.32	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	11-1	370.13	401.19	443.65	404.99	9.11	ppb
Boron	10-1	369.75	401.03	439.17	403.32	8.62	ppb
Bromine	81-1						cps
Cadmium	106-1	459.95	453.74	465.15	459.62	1.24	ppb
Cadmium	108-1	464.98	488.55	462.99	472.17	3.01	ppb
Cadmium	111-1	471.08	477.85	461.18	470.03	1.78	ppb
Calcium	43-1	230734.90	241848.23	241019.49	237867.54	2.60	ppb
Calcium	44-1	236747.03	240795.93	240792.28	239445.08	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.05	512.64	494.17	501.62	1.94	ppb
Cobalt	59-2	493.39	503.38	490.78	495.85	1.34	ppb
Copper	63-2	4925.60	5022.59	4885.66	4944.62	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	125363.16	127772.27	124710.70	125948.71	1.28	ppb
Iron	57-2	125698.36	128385.35	125726.72	126603.48	1.22	ppb
Iron	54-2	127832.96	126948.06	122857.88	125879.63	2.11	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:08:46	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2485.44	2495.91	2448.08	2476.47	1.02	ppb
Lead	207-1	2506.30	2476.55	2423.62	2468.82	1.70	ppb
Lead	208-1	2469.79	2473.05	2421.78	2454.88	1.17	ppb
Lithium	6-1				120		%
Magnesium	24-2	246661.13	257318.04	251584.90	251854.69	2.12	ppb
Manganese	55-2	5131.79	5099.12	5012.91	5081.28	1.21	ppb
Molybdenum	94-1	2442.35	2374.52	2392.74	2403.20	1.46	ppb
Molybdenum	95-1	2451.05	2341.40	2385.74	2392.73	2.31	ppb
Molybdenum	96-1	2428.91	2362.03	2402.08	2397.67	1.40	ppb
Molybdenum	97-1	2437.52	2356.50	2407.99	2400.67	1.71	ppb
Molybdenum	98-1	2457.00	2373.92	2395.35	2408.76	1.79	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	488.57	502.44	490.17	493.73	1.54	ppb
Phosphorus	31-2	9873.33	10219.43	9996.67	10029.81	1.75	ppb
Potassium	39-2	122503.95	125110.32	124150.73	123921.67	1.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	463.73	514.63	517.06	498.47	6.04	ppb
Selenium	78-2	483.03	482.21	471.92	479.05	1.29	ppb
Selenium	82-1	481.87	464.76	465.96	470.86	2.03	ppb
Silicon	28-1	446.73	485.63	496.96	476.44	5.53	ppb
Silver	109-1	478.87	481.80	474.17	478.28	0.80	ppb
Silver	107-1	471.51	479.07	464.79	471.79	1.51	ppb
Sodium	23-2	247828.35	254214.35	249803.37	250615.36	1.30	ppb
Strontium	86-1	492.19	481.26	482.62	485.36	1.23	ppb
Strontium	88-1	495.91	491.00	489.76	492.22	0.66	ppb
Sulfur	34-1	4926.85	6147.38	6732.79	5935.67	15.52	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	205-1	496.81	499.90	485.77	494.16	1.50	ppb
Thallium	203-1	495.85	486.37	476.78	486.33	1.96	ppb
Tin	118-1	477.17	478.55	473.29	476.34	0.57	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:08:46	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2424.69	2446.45	2506.87	2459.34	1.73	ppb
Uranium	238-1	500.52	518.75	497.38	505.55	2.28	ppb
Vanadium	51-2	503.02	511.87	498.05	504.32	1.39	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	4882.65	4969.23	4846.96	4899.61	1.28	ppb
Zirconium	90-1	492.85	488.65	484.91	488.81	0.81	ppb
Zirconium	91-1	485.01	474.30	468.26	475.86	1.78	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:18:51	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.51	-2.19	-2.47	-2.06		ppb
Antimony	121-1	0.03	0.01	0.05	0.03	70.76	ppb
Arsenic	75-2	-0.07	-0.02	-0.06	-0.05		ppb
Barium	135-1	0.04	0.01	0.04	0.03	59.87	ppb
Barium	137-1	0.01	0.01	0.02	0.01	75.01	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	22.19	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	11-1	9.77	10.78	9.45	10.00	6.96	ppb
Boron	10-1	9.69	10.52	11.28	10.49	7.58	ppb
Bromine	81-1						cps
Cadmium	106-1	-16.29	-19.82	-16.80	-17.64		ppb
Cadmium	108-1	-0.31	-0.23	-0.14	-0.22		ppb
Cadmium	111-1	-0.14	-0.19	-0.18	-0.17		ppb
Calcium	43-1	-27.13	-21.70	-26.22	-25.02		ppb
Calcium	44-1	-54.85	-55.90	-55.54	-55.43		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.06	0.00	-0.02		ppb
Cobalt	59-2	-0.01	0.01	-0.01	0.00		ppb
Copper	63-2	0.06	0.15	0.18	0.13	49.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	-2.25	-2.30	-2.53	-2.36		ppb
Iron	57-2	-6.07	-6.26	-7.03	-6.45		ppb
Iron	54-2	-2.12	-3.38	-3.36	-2.95		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:18:51	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.22	0.11	0.16	0.16	35.01	ppb
Lead	207-1	0.07	0.10	0.09	0.09	12.67	ppb
Lead	208-1	0.15	0.11	0.11	0.12	16.61	ppb
Lithium	6-1				106		%
Magnesium	24-2	-3.32	-3.66	-2.65	-3.21		ppb
Manganese	55-2	-0.08	0.03	0.05	0.00		ppb
Molybdenum	94-1	0.06	0.07	-0.01	0.04	108.46	ppb
Molybdenum	95-1	0.11	0.04	0.06	0.07	55.42	ppb
Molybdenum	96-1	0.08	0.05	0.04	0.06	40.30	ppb
Molybdenum	97-1	0.10	0.04	0.03	0.06	57.86	ppb
Molybdenum	98-1	0.12	0.03	0.06	0.07	63.75	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.02	-0.04	0.03	0.00	2279.86	ppb
Phosphorus	31-2	-71.79	83.93	-21.93	-3.26		ppb
Potassium	39-2	-20.57	-11.93	-12.56	-15.02		ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	-0.78	1.61	1.63	0.82	169.04	ppb
Selenium	78-2	-4.49	-3.85	-1.46	-3.27		ppb
Selenium	82-1	-3.56	-2.49	-1.16	-2.40		ppb
Silicon	28-1	-50.58	-69.89	-59.08	-59.85		ppb
Silver	109-1	0.01	0.02	0.00	0.01	75.43	ppb
Silver	107-1	0.02	0.02	-0.01	0.01	133.74	ppb
Sodium	23-2	30.40	40.72	37.17	36.10	14.52	ppb
Strontium	86-1	0.25	-0.08	-0.39	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-3140.26	-3413.13	-2733.28	-3095.56		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	205-1	0.00	0.01	-0.02	0.00		ppb
Thallium	203-1	0.01	0.01	0.05	0.02	110.55	ppb
Tin	118-1	0.00	-0.01	-0.02	-0.01		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:18:51	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	-0.24	0.14	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1136.46	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	163.59	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	0.11	0.22	0.14	0.15	38.74	ppb
Zirconium	90-1	-0.03	0.00	-0.01	-0.01		ppb
Zirconium	91-1	0.04	0.02	-0.02	0.02	216.50	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:21:41	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.27	16.33	17.71	17.10	4.12	ppb
Antimony	121-1	1.86	2.02	2.08	1.99	5.58	ppb
Arsenic	75-2	0.90	0.80	0.81	0.83	6.77	ppb
Barium	135-1	10.30	9.63	10.58	10.17	4.78	ppb
Barium	137-1	10.18	10.76	9.80	10.24	4.72	ppb
Beryllium	9-1	0.99	0.98	1.00	0.99	1.00	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	11-1	25.17	27.51	29.89	27.52	8.58	ppb
Boron	10-1	25.76	28.16	28.97	27.63	6.04	ppb
Bromine	81-1						cps
Cadmium	106-1	-18.33	-14.76	-14.40	-15.83		ppb
Cadmium	108-1	1.19	0.58	0.76	0.85	37.01	ppb
Cadmium	111-1	0.78	0.95	0.91	0.88	10.30	ppb
Calcium	43-1	452.28	480.02	450.96	461.09	3.56	ppb
Calcium	44-1	419.49	445.21	428.51	431.07	3.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.11	1.84	1.85	1.93	7.87	ppb
Cobalt	59-2	0.97	1.01	1.03	1.00	3.00	ppb
Copper	63-2	2.34	2.29	2.42	2.35	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	47.89	49.67	51.20	49.59	3.34	ppb
Iron	57-2	41.03	51.75	47.62	46.80	11.55	ppb
Iron	54-2	53.99	53.40	54.30	53.90	0.85	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:21:41	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.16	1.03	1.00	1.06	8.08	ppb
Lead	207-1	1.08	1.04	0.98	1.03	5.27	ppb
Lead	208-1	1.11	1.11	1.01	1.08	5.53	ppb
Lithium	6-1				106		%
Magnesium	24-2	513.37	504.64	530.87	516.29	2.59	ppb
Manganese	55-2	0.95	1.01	0.88	0.95	6.83	ppb
Molybdenum	94-1	4.88	4.98	4.65	4.84	3.53	ppb
Molybdenum	95-1	4.80	4.81	4.49	4.70	3.82	ppb
Molybdenum	96-1	4.77	5.09	4.74	4.86	3.99	ppb
Molybdenum	97-1	4.85	5.45	5.00	5.10	6.14	ppb
Molybdenum	98-1	4.85	5.20	4.65	4.90	5.70	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.84	1.11	1.03	1.00	14.01	ppb
Phosphorus	31-2	-116.04	-16.47	-36.64	-56.38		ppb
Potassium	39-2	499.43	481.79	455.89	479.04	4.57	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	15.83	3.99	11.13	10.32	57.78	ppb
Selenium	78-2	4.66	4.95	0.08	3.23	84.48	ppb
Selenium	82-1	9.27	4.68	4.50	6.15	43.89	ppb
Silicon	28-1	-41.41	-34.62	-68.44	-48.16		ppb
Silver	109-1	0.77	0.92	0.99	0.89	12.77	ppb
Silver	107-1	0.88	0.93	0.94	0.91	3.52	ppb
Sodium	23-2	540.08	538.63	543.42	540.71	0.45	ppb
Strontium	86-1	0.62	0.87	0.31	0.60	46.96	ppb
Strontium	88-1	1.08	1.01	1.02	1.04	3.81	ppb
Sulfur	34-1	-3162.61	-2046.14	-3581.24	-2930.00		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	205-1	0.97	0.91	0.91	0.93	3.33	ppb
Thallium	203-1	1.05	1.14	0.87	1.02	13.15	ppb
Tin	118-1	4.77	4.90	5.22	4.96	4.62	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:21:41	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.56	4.95	4.86	4.79	4.24	ppb
Uranium	238-1	1.00	0.92	0.92	0.94	5.28	ppb
Vanadium	51-2	5.19	5.29	4.98	5.15	3.06	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	2.84	1.81	2.24	2.30	22.50	ppb
Zirconium	90-1	0.95	1.07	0.96	1.00	6.94	ppb
Zirconium	91-1	1.02	1.03	1.04	1.03	0.79	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	PB135338BL	Instrumnet Name :	P8
Client Sample ID :	PB135338BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:24:33	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.44	-2.47	-2.70	-2.54		ppb
Antimony	121-1	0.02	0.02	0.04	0.02	36.52	ppb
Arsenic	75-2	-0.07	-0.01	-0.05	-0.04		ppb
Barium	135-1	0.04	-0.01	0.01	0.01	164.30	ppb
Barium	137-1	0.02	-0.03	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.01	-0.01	0.01	237.03	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	11-1	9.52	8.95	8.05	8.84	8.38	ppb
Boron	10-1	8.99	9.30	8.36	8.88	5.38	ppb
Bromine	81-1						cps
Cadmium	106-1	-15.70	-14.61	-12.47	-14.26		ppb
Cadmium	108-1	-0.04	-0.40	-0.14	-0.19		ppb
Cadmium	111-1	-0.17	-0.14	-0.13	-0.15		ppb
Calcium	43-1	-22.19	-21.55	-21.16	-21.63		ppb
Calcium	44-1	-55.27	-61.95	-60.69	-59.30		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.04	-0.10	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.12	0.13	0.11	0.12	10.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	-2.51	-2.35	-2.36	-2.41		ppb
Iron	57-2	-8.40	-6.73	-4.06	-6.39		ppb
Iron	54-2	-0.41	-3.14	-2.45	-2.00		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	PB135338BL	Instrumnet Name :	P8
Client Sample ID :	PB135338BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:24:33	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.12	0.14	0.12	22.47	ppb
Lead	207-1	0.09	0.10	0.06	0.09	23.65	ppb
Lead	208-1	0.08	0.11	0.09	0.09	19.00	ppb
Lithium	6-1				104		%
Magnesium	24-2	-7.09	-4.66	-4.98	-5.58		ppb
Manganese	55-2	0.04	0.02	-0.01	0.02	157.50	ppb
Molybdenum	94-1	0.07	-0.02	0.02	0.02	223.09	ppb
Molybdenum	95-1	0.00	0.03	0.01	0.01	98.33	ppb
Molybdenum	96-1	0.02	0.03	-0.01	0.01	167.33	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	4.44	ppb
Molybdenum	98-1	0.05	0.02	0.01	0.03	74.15	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.05	-0.05	-0.04	-0.04		ppb
Phosphorus	31-2	-1.36	-44.16	-65.80	-37.11		ppb
Potassium	39-2	-47.11	-54.01	-34.88	-45.34		ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	-0.78	-0.78	-0.78	-0.78		ppb
Selenium	78-2	-0.04	1.33	-2.02	-0.24		ppb
Selenium	82-1	-6.73	-0.84	0.30	-2.42		ppb
Silicon	28-1	-30.38	-87.93	-53.77	-57.36		ppb
Silver	109-1	0.01	0.03	0.01	0.01	87.92	ppb
Silver	107-1	0.01	0.02	0.00	0.01	86.84	ppb
Sodium	23-2	27.92	15.47	19.12	20.83	30.72	ppb
Strontium	86-1	0.00	-0.93	-0.91	-0.61		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-1471.34	-4265.65	-3794.12	-3177.04		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	203-1	0.02	0.03	0.00	0.01	121.52	ppb
Tin	118-1	-0.01	-0.04	-0.03	-0.02		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	PB135338BL	Instrumnet Name :	P8
Client Sample ID :	PB135338BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:24:33	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.09	-0.08	-0.08	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	2225.74	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.24	-0.12	0.15	0.09	206.38	ppb
Zirconium	90-1	-0.02	-0.02	-0.03	-0.03		ppb
Zirconium	91-1	-0.02	-0.01	0.04	0.00	1133.42	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	PB135338BS	Instrumnet Name :	P8
Client Sample ID :	PB135338BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:27:23	DataFile Name :	026LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10646.20	10593.19	10902.31	10713.90	1.54	ppb
Antimony	121-1	528.69	502.36	513.67	514.90	2.57	ppb
Arsenic	75-2	523.15	526.72	529.00	526.29	0.56	ppb
Barium	135-1	2611.82	2460.29	2577.30	2549.80	3.11	ppb
Barium	137-1	2618.65	2431.92	2616.68	2555.75	4.20	ppb
Beryllium	9-1	499.57	499.11	514.70	504.46	1.76	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Boron	11-1	394.60	431.30	483.86	436.58	10.28	ppb
Boron	10-1	392.58	434.03	476.73	434.45	9.68	ppb
Bromine	81-1						cps
Cadmium	106-1	502.64	489.16	491.73	494.51	1.45	ppb
Cadmium	108-1	509.08	492.12	496.42	499.21	1.77	ppb
Cadmium	111-1	514.48	489.06	508.46	504.00	2.64	ppb
Calcium	43-1	50928.63	49848.55	51070.19	50615.79	1.32	ppb
Calcium	44-1	50073.68	50345.61	51094.11	50504.47	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	525.54	529.18	547.97	534.23	2.25	ppb
Cobalt	59-2	531.77	533.38	548.93	538.03	1.76	ppb
Copper	63-2	5367.77	5371.64	5542.23	5427.22	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	27264.06	27489.61	28177.23	27643.64	1.72	ppb
Iron	57-2	27224.64	27457.97	27838.97	27507.20	1.13	ppb
Iron	54-2	27503.64	27365.11	28519.68	27796.14	2.27	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	PB135338BS	Instrumnet Name :	P8
Client Sample ID :	PB135338BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:27:23	DataFile Name :	026LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2652.41	2671.98	2616.31	2646.90	1.07	ppb
Lead	207-1	2680.29	2678.22	2586.29	2648.27	2.03	ppb
Lead	208-1	2637.81	2669.83	2599.81	2635.82	1.33	ppb
Lithium	6-1				107		%
Magnesium	24-2	56181.54	54976.27	57116.54	56091.45	1.91	ppb
Manganese	55-2	5412.19	5364.10	5558.63	5444.97	1.86	ppb
Molybdenum	94-1	2550.75	2586.68	2560.28	2565.91	0.73	ppb
Molybdenum	95-1	2598.74	2597.26	2582.52	2592.84	0.35	ppb
Molybdenum	96-1	2571.03	2568.36	2536.73	2558.71	0.75	ppb
Molybdenum	97-1	2553.06	2608.62	2534.86	2565.51	1.50	ppb
Molybdenum	98-1	2580.22	2596.85	2571.91	2582.99	0.49	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	536.68	529.01	548.23	537.97	1.80	ppb
Phosphorus	31-2	10070.98	10749.02	11296.70	10705.56	5.74	ppb
Potassium	39-2	26689.80	26647.45	27383.15	26906.80	1.54	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	487.56	485.86	560.56	511.32	8.34	ppb
Selenium	78-2	517.48	522.21	516.47	518.72	0.59	ppb
Selenium	82-1	509.82	509.40	508.55	509.26	0.13	ppb
Silicon	28-1	421.58	386.12	412.65	406.78	4.53	ppb
Silver	109-1	530.49	498.75	513.94	514.39	3.09	ppb
Silver	107-1	511.02	501.09	506.74	506.28	0.98	ppb
Sodium	23-2	54108.23	54220.46	56102.72	54810.47	2.04	ppb
Strontium	86-1	511.45	517.13	520.36	516.31	0.87	ppb
Strontium	88-1	513.84	517.93	523.91	518.56	0.98	ppb
Sulfur	34-1	10700.39	7593.87	9025.08	9106.44	17.07	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	205-1	518.48	538.94	518.44	525.29	2.25	ppb
Thallium	203-1	507.05	530.72	510.08	515.95	2.50	ppb
Tin	118-1	521.40	498.92	502.83	507.72	2.37	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	PB135338BS	Instrumnet Name :	P8
Client Sample ID :	PB135338BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:27:23	DataFile Name :	026LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2558.95	2526.96	2604.24	2563.38	1.51	ppb
Uranium	238-1	522.58	522.91	529.33	524.94	0.72	ppb
Vanadium	51-2	528.04	530.47	548.86	535.79	2.12	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	5297.73	5331.40	5536.25	5388.46	2.40	ppb
Zirconium	90-1	514.52	520.12	540.62	525.08	2.62	ppb
Zirconium	91-1	505.69	510.21	514.94	510.28	0.91	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-02	Instrumnet Name :	P8
Client Sample ID :	MW-106I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:30:13	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.38	4.16	3.19	3.58	14.29	ppb
Antimony	121-1	0.54	0.52	0.51	0.52	3.12	ppb
Arsenic	75-2	7.82	7.97	8.45	8.08	4.07	ppb
Barium	135-1	89.16	95.93	91.85	92.31	3.70	ppb
Barium	137-1	90.60	95.29	89.54	91.81	3.33	ppb
Beryllium	9-1	0.29	0.28	0.21	0.26	17.60	ppb
Bismuth	209-1				104		%
Bismuth	209-2				109		%
Boron	11-1	974.70	1083.10	1117.57	1058.45	7.04	ppb
Boron	10-1	942.58	1060.40	1090.78	1031.25	7.59	ppb
Bromine	81-1						cps
Cadmium	106-1	-19.43	-18.96	-18.72	-19.04		ppb
Cadmium	108-1	0.39	0.14	0.46	0.33	50.36	ppb
Cadmium	111-1	-0.04	0.04	-0.02	0.00		ppb
Calcium	43-1	15407.65	15777.39	15083.14	15422.73	2.25	ppb
Calcium	44-1	15382.18	15988.73	15392.84	15587.91	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.13	0.34	0.22	51.54	ppb
Cobalt	59-2	0.17	0.18	0.15	0.16	10.20	ppb
Copper	63-2	2.56	2.11	2.08	2.25	12.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				108		%
Holmium	165-2				114		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	51.33	51.35	48.74	50.47	2.97	ppb
Iron	57-2	45.22	48.03	40.09	44.45	9.05	ppb
Iron	54-2	47.16	41.82	52.47	47.15	11.30	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-02	Instrumnet Name :	P8
Client Sample ID :	MW-106I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:30:13	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.60	1.35	1.12	1.36	17.81	ppb
Lead	207-1	1.45	1.50	1.01	1.32	20.24	ppb
Lead	208-1	1.50	1.45	1.09	1.35	16.74	ppb
Lithium	6-1				108		%
Magnesium	24-2	43572.16	43155.16	43268.40	43331.91	0.50	ppb
Manganese	55-2	6.75	6.16	6.69	6.53	4.97	ppb
Molybdenum	94-1	11.75	11.88	11.16	11.60	3.33	ppb
Molybdenum	95-1	15.45	16.28	15.39	15.71	3.19	ppb
Molybdenum	96-1	15.76	15.91	14.83	15.50	3.77	ppb
Molybdenum	97-1	15.38	16.10	14.94	15.47	3.79	ppb
Molybdenum	98-1	16.29	16.49	15.51	16.09	3.22	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.39	0.39	0.44	0.41	7.61	ppb
Phosphorus	31-2	463.83	457.94	527.07	482.94	7.94	ppb
Potassium	39-2	41089.39	40785.27	41490.85	41121.84	0.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	1.47	-0.78	8.24	2.97	157.89	ppb
Selenium	78-2	-3.52	-3.93	-0.91	-2.79		ppb
Selenium	82-1	0.69	4.27	1.28	2.08	92.06	ppb
Silicon	28-1	3036.28	3148.40	2934.01	3039.56	3.53	ppb
Silver	109-1	0.62	0.53	0.34	0.50	28.82	ppb
Silver	107-1	0.63	0.41	0.26	0.43	42.61	ppb
Sodium	23-2	828950.57	830152.59	839925.11	833009.42	0.72	ppb
Strontium	86-1	356.49	369.70	352.29	359.50	2.53	ppb
Strontium	88-1	365.92	380.60	364.70	370.41	2.39	ppb
Sulfur	34-1	54511.23	56972.78	51056.68	54180.23	5.49	ppb
Terbium	159-1				105		%
Terbium	159-2				112		%
Thallium	205-1	0.36	0.26	0.26	0.30	18.96	ppb
Thallium	203-1	0.38	0.27	0.24	0.30	25.01	ppb
Tin	118-1	0.27	0.24	0.18	0.23	18.85	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-02	Instrumnet Name :	P8
Client Sample ID :	MW-106I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:30:13	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.50	1.72	2.17	2.13	18.38	ppb
Uranium	238-1	1.21	1.24	1.06	1.17	8.00	ppb
Vanadium	51-2	6.78	6.52	6.62	6.64	1.97	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	7.59	7.69	6.71	7.33	7.39	ppb
Zirconium	90-1	0.27	0.27	0.55	0.36	45.95	ppb
Zirconium	91-1	0.34	0.24	0.18	0.25	32.62	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03	Instrumnet Name :	P8
Client Sample ID :	MW-106S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:33:01	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.52	3.05	2.38	3.31	33.07	ppb
Antimony	121-1	0.11	0.19	0.13	0.14	28.04	ppb
Arsenic	75-2	0.10	0.05	0.16	0.10	49.63	ppb
Barium	135-1	124.48	127.01	127.56	126.35	1.30	ppb
Barium	137-1	123.25	130.45	129.92	127.87	3.14	ppb
Beryllium	9-1	0.05	0.03	0.04	0.04	23.39	ppb
Bismuth	209-1				109		%
Bismuth	209-2				116		%
Boron	11-1	521.76	552.41	587.04	553.73	5.90	ppb
Boron	10-1	509.98	540.13	574.10	541.40	5.93	ppb
Bromine	81-1						cps
Cadmium	106-1	-16.79	-13.24	-16.45	-15.49		ppb
Cadmium	108-1	0.25	0.01	0.18	0.15	84.14	ppb
Cadmium	111-1	-0.18	-0.14	-0.18	-0.17		ppb
Calcium	43-1	174092.19	173921.61	169682.92	172565.57	1.45	ppb
Calcium	44-1	170470.87	169831.01	167928.26	169410.05	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.14	0.24	0.19	24.59	ppb
Cobalt	59-2	0.08	0.08	0.10	0.09	13.75	ppb
Copper	63-2	0.58	0.65	0.62	0.62	5.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				114		%
Holmium	165-2				118		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	56-2	94.41	89.68	93.36	92.48	2.69	ppb
Iron	57-2	98.58	100.96	92.35	97.30	4.57	ppb
Iron	54-2	89.42	89.94	91.31	90.22	1.08	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03	Instrumnet Name :	P8
Client Sample ID :	MW-106S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:33:01	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.38	0.39	0.47	0.41	11.76	ppb
Lead	207-1	0.38	0.33	0.35	0.35	6.76	ppb
Lead	208-1	0.36	0.39	0.40	0.38	4.85	ppb
Lithium	6-1				118		%
Magnesium	24-2	45809.75	44429.43	44944.57	45061.25	1.55	ppb
Manganese	55-2	228.86	223.20	223.06	225.04	1.47	ppb
Molybdenum	94-1	0.67	0.74	0.81	0.74	9.06	ppb
Molybdenum	95-1	0.33	0.30	0.31	0.32	3.87	ppb
Molybdenum	96-1	0.41	0.44	0.38	0.41	7.82	ppb
Molybdenum	97-1	0.44	1.13	0.34	0.64	67.51	ppb
Molybdenum	98-1	0.40	0.34	0.35	0.36	8.72	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.32	0.53	0.66	0.50	34.23	ppb
Phosphorus	31-2	53.00	123.24	139.00	105.08	43.57	ppb
Potassium	39-2	27685.81	26904.16	26377.39	26989.12	2.44	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	77-2	1.40	1.31	3.42	2.04	58.35	ppb
Selenium	78-2	-0.48	-0.89	-2.92	-1.43		ppb
Selenium	82-1	3.50	1.42	-3.03	0.63	527.82	ppb
Silicon	28-1	10220.49	10392.55	10333.10	10315.38	0.85	ppb
Silver	109-1	0.04	0.03	0.04	0.04	11.98	ppb
Silver	107-1	0.02	0.03	0.03	0.03	28.06	ppb
Sodium	23-2	355556.84	346023.20	354661.67	352080.57	1.50	ppb
Strontium	86-1	1281.76	1284.98	1336.61	1301.12	2.37	ppb
Strontium	88-1	1288.70	1323.59	1332.47	1314.92	1.76	ppb
Sulfur	34-1	25286.86	25711.58	25869.63	25622.69	1.18	ppb
Terbium	159-1				113		%
Terbium	159-2				117		%
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	203-1	0.00	0.01	-0.01	0.00	575.81	ppb
Tin	118-1	0.03	0.00	0.02	0.02	90.49	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03	Instrumnet Name :	P8
Client Sample ID :	MW-106S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:33:01	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.95	1.28	1.11	1.11	14.71	ppb
Uranium	238-1	1.09	1.04	1.11	1.08	3.48	ppb
Vanadium	51-2	1.54	1.43	1.34	1.44	7.13	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	3.06	3.50	3.47	3.34	7.36	ppb
Zirconium	90-1	0.29	0.33	0.37	0.33	11.30	ppb
Zirconium	91-1	0.36	0.40	0.32	0.36	11.88	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03DUP	Instrumnet Name :	P8
Client Sample ID :	MW-106SDUP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:35:52	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	48.12	4.59	17.63	150.28	ppb
Antimony	121-1	0.10	0.24	0.11	0.15	50.62	ppb
Arsenic	75-2	0.07	0.17	0.07	0.10	55.50	ppb
Barium	135-1	127.63	124.74	130.74	127.70	2.35	ppb
Barium	137-1	128.76	128.79	127.32	128.29	0.66	ppb
Beryllium	9-1	0.02	0.02	0.01	0.01	29.48	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	11-1	513.62	553.00	568.04	544.89	5.16	ppb
Boron	10-1	507.18	540.45	560.23	535.95	5.00	ppb
Bromine	81-1						cps
Cadmium	106-1	-17.44	-14.06	-18.78	-16.76		ppb
Cadmium	108-1	0.10	-0.24	0.25	0.04	682.74	ppb
Cadmium	111-1	-0.20	-0.11	-0.23	-0.18		ppb
Calcium	43-1	179822.90	174997.81	184885.90	179902.20	2.75	ppb
Calcium	44-1	173814.03	172175.86	179342.70	175110.86	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.44	0.28	0.31	38.39	ppb
Cobalt	59-2	0.08	0.15	0.08	0.10	40.27	ppb
Copper	63-2	0.61	1.24	0.56	0.80	47.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				115		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	83.04	115.48	84.22	94.25	19.52	ppb
Iron	57-2	84.79	130.75	101.40	105.65	22.03	ppb
Iron	54-2	78.32	124.37	87.40	96.70	25.23	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03DUP	Instrumnet Name :	P8
Client Sample ID :	MW-106SDUP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:35:52	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.44	0.33	0.39	0.39	13.56	ppb
Lead	207-1	0.33	0.36	0.29	0.33	11.18	ppb
Lead	208-1	0.38	0.33	0.36	0.35	7.26	ppb
Lithium	6-1				118		%
Magnesium	24-2	46616.09	55764.91	47404.05	49928.35	10.15	ppb
Manganese	55-2	234.06	277.49	239.99	250.51	9.40	ppb
Molybdenum	94-1	0.79	0.72	0.88	0.80	9.74	ppb
Molybdenum	95-1	0.20	0.26	0.28	0.25	17.55	ppb
Molybdenum	96-1	0.41	0.29	0.30	0.33	19.86	ppb
Molybdenum	97-1	0.24	0.33	0.22	0.26	22.08	ppb
Molybdenum	98-1	0.31	0.26	0.20	0.26	20.70	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.32	0.42	0.43	0.39	15.71	ppb
Phosphorus	31-2	223.03	222.54	81.04	175.54	46.62	ppb
Potassium	39-2	27743.80	32694.00	27564.39	29334.06	9.92	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	77-2	1.39	6.76	1.37	3.17	97.89	ppb
Selenium	78-2	-3.01	-1.95	-1.58	-2.18		ppb
Selenium	82-1	1.11	3.51	-3.38	0.41	848.14	ppb
Silicon	28-1	10593.96	10034.77	10556.40	10395.04	3.01	ppb
Silver	109-1	0.01	0.02	0.02	0.02	13.87	ppb
Silver	107-1	0.02	0.02	0.01	0.02	39.80	ppb
Sodium	23-2	365215.17	431388.12	371078.02	389227.11	9.41	ppb
Strontium	86-1	1330.48	1309.95	1327.59	1322.67	0.84	ppb
Strontium	88-1	1345.26	1331.75	1339.13	1338.71	0.51	ppb
Sulfur	34-1	28562.23	25184.38	28001.90	27249.51	6.64	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	203-1	-0.01	0.01	0.01	0.00	967.45	ppb
Tin	118-1	0.00	0.00	0.02	0.01	142.21	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03DUP	Instrumnet Name :	P8
Client Sample ID :	MW-106SDUP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:35:52	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.83	1.11	0.96	0.97	14.11	ppb
Uranium	238-1	1.16	1.13	1.14	1.14	1.26	ppb
Vanadium	51-2	1.52	1.99	1.58	1.70	15.07	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	2.26	3.51	2.62	2.80	23.05	ppb
Zirconium	90-1	0.35	0.33	0.29	0.32	10.40	ppb
Zirconium	91-1	0.38	0.21	0.38	0.32	30.82	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03LX5	Instrumnet Name :	P8
Client Sample ID :	MW-106SL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 12:38:40	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.44	-1.14	-1.09	-0.89		ppb
Antimony	121-1	0.03	0.04	0.05	0.04	32.94	ppb
Arsenic	75-2	-0.02	0.08	0.05	0.04	139.32	ppb
Barium	135-1	24.73	23.43	25.17	24.44	3.70	ppb
Barium	137-1	24.32	24.33	24.24	24.30	0.20	ppb
Beryllium	9-1	0.01	0.04	0.02	0.02	83.16	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	11-1	168.16	172.72	177.67	172.85	2.75	ppb
Boron	10-1	167.07	167.48	173.01	169.19	1.96	ppb
Bromine	81-1						cps
Cadmium	106-1	-16.80	-18.14	-20.07	-18.34		ppb
Cadmium	108-1	-0.14	0.01	-0.23	-0.12		ppb
Cadmium	111-1	-0.18	-0.19	-0.21	-0.19		ppb
Calcium	43-1	32104.64	32928.06	34450.20	33160.96	3.59	ppb
Calcium	44-1	33160.99	33737.45	33875.71	33591.38	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.09	0.00	0.03	158.74	ppb
Cobalt	59-2	0.02	0.02	-0.01	0.01	134.15	ppb
Copper	63-2	0.23	0.20	0.18	0.21	12.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	16.95	16.76	16.13	16.61	2.58	ppb
Iron	57-2	13.00	13.91	23.87	16.93	35.63	ppb
Iron	54-2	15.75	15.26	17.68	16.23	7.88	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03LX5	Instrumnet Name :	P8
Client Sample ID :	MW-106SL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 12:38:40	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.18	0.15	0.16	9.98	ppb
Lead	207-1	0.09	0.09	0.10	0.09	3.57	ppb
Lead	208-1	0.11	0.13	0.10	0.11	13.04	ppb
Lithium	6-1				117		%
Magnesium	24-2	9168.22	9411.67	9273.06	9284.32	1.32	ppb
Manganese	55-2	44.51	46.65	44.99	45.38	2.47	ppb
Molybdenum	94-1	0.16	0.21	0.14	0.17	19.63	ppb
Molybdenum	95-1	0.04	0.02	0.08	0.05	69.05	ppb
Molybdenum	96-1	0.02	0.06	0.09	0.06	62.37	ppb
Molybdenum	97-1	0.07	0.07	0.06	0.07	12.77	ppb
Molybdenum	98-1	0.08	0.05	0.07	0.07	21.63	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.04	0.06	0.04	0.05	20.05	ppb
Phosphorus	31-2	-21.65	-52.27	5.75	-22.73		ppb
Potassium	39-2	5427.03	5518.62	5409.40	5451.68	1.08	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				99		%
Selenium	77-2	1.53	-0.78	1.51	0.76	176.30	ppb
Selenium	78-2	-4.31	-2.43	-0.92	-2.56		ppb
Selenium	82-1	3.72	-4.12	-7.96	-2.79		ppb
Silicon	28-1	1835.33	1888.55	2001.66	1908.51	4.45	ppb
Silver	109-1	0.01	0.00	0.01	0.01	90.73	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.90	ppb
Sodium	23-2	71327.98	73503.18	71109.82	71980.32	1.84	ppb
Strontium	86-1	249.05	257.21	254.33	253.53	1.63	ppb
Strontium	88-1	258.27	256.74	262.70	259.24	1.19	ppb
Sulfur	34-1	1316.53	1522.31	3606.44	2148.43	58.97	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Thallium	203-1	-0.03	-0.01	0.01	-0.01		ppb
Tin	118-1	-0.01	-0.02	-0.01	-0.01		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03LX5	Instrumnet Name :	P8
Client Sample ID :	MW-106SL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 12:38:40	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.29	0.12	0.34	0.25	46.41	ppb
Uranium	238-1	0.22	0.19	0.23	0.21	10.87	ppb
Vanadium	51-2	0.35	0.32	0.25	0.31	16.30	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	0.70	0.69	0.75	0.71	4.97	ppb
Zirconium	90-1	0.06	0.05	0.06	0.06	3.31	ppb
Zirconium	91-1	0.07	0.04	0.10	0.07	37.57	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:49:58	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49044.42	48456.38	47204.64	48235.15	1.95	ppb
Antimony	121-1	481.85	493.80	490.36	488.67	1.26	ppb
Arsenic	75-2	487.01	477.99	470.12	478.37	1.77	ppb
Barium	135-1	2423.11	2491.02	2498.36	2470.83	1.68	ppb
Barium	137-1	2458.32	2492.64	2478.12	2476.36	0.70	ppb
Beryllium	9-1	529.70	526.91	529.47	528.69	0.29	ppb
Bismuth	209-1				109		%
Bismuth	209-2				113		%
Boron	11-1	503.09	554.25	579.87	545.74	7.16	ppb
Boron	10-1	493.41	536.46	579.26	536.38	8.00	ppb
Bromine	81-1						cps
Cadmium	106-1	466.02	461.31	465.38	464.24	0.55	ppb
Cadmium	108-1	462.39	482.65	479.32	474.79	2.29	ppb
Cadmium	111-1	464.31	477.59	472.23	471.38	1.42	ppb
Calcium	43-1	244701.12	244782.15	244466.00	244649.76	0.07	ppb
Calcium	44-1	239932.00	237367.41	241074.97	239458.13	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.22	494.90	480.51	491.87	2.07	ppb
Cobalt	59-2	496.69	490.75	478.18	488.54	1.93	ppb
Copper	63-2	5042.70	4896.77	4804.26	4914.58	2.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				114		%
Holmium	165-2				118		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	126478.50	124975.42	123012.81	124822.25	1.39	ppb
Iron	57-2	128508.52	126732.31	126278.25	127173.03	0.93	ppb
Iron	54-2	128319.12	127799.28	123463.69	126527.36	2.11	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:49:58	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2433.04	2592.36	2486.98	2504.13	3.24	ppb
Lead	207-1	2410.79	2552.96	2497.58	2487.11	2.88	ppb
Lead	208-1	2439.98	2551.13	2500.26	2497.12	2.23	ppb
Lithium	6-1				116		%
Magnesium	24-2	260006.88	257941.32	250136.60	256028.27	2.03	ppb
Manganese	55-2	5144.36	5075.67	5001.15	5073.73	1.41	ppb
Molybdenum	94-1	2355.15	2526.54	2485.46	2455.72	3.64	ppb
Molybdenum	95-1	2369.57	2491.74	2486.46	2449.26	2.82	ppb
Molybdenum	96-1	2403.04	2508.57	2460.52	2457.38	2.15	ppb
Molybdenum	97-1	2399.79	2479.28	2493.15	2457.41	2.05	ppb
Molybdenum	98-1	2355.35	2439.34	2522.25	2438.98	3.42	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	491.32	488.41	478.31	486.01	1.41	ppb
Phosphorus	31-2	9634.16	10404.64	9464.11	9834.30	5.10	ppb
Potassium	39-2	124787.07	123649.14	119014.67	122483.63	2.50	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				103		%
Selenium	77-2	496.45	445.57	506.92	482.98	6.79	ppb
Selenium	78-2	490.01	449.26	461.23	466.83	4.49	ppb
Selenium	82-1	449.53	476.27	476.25	467.35	3.30	ppb
Silicon	28-1	402.82	475.91	495.26	458.00	10.65	ppb
Silver	109-1	468.70	489.59	482.87	480.38	2.22	ppb
Silver	107-1	479.43	470.78	474.97	475.06	0.91	ppb
Sodium	23-2	262525.68	257147.82	247150.55	255608.02	3.05	ppb
Strontium	86-1	481.17	491.65	485.37	486.07	1.08	ppb
Strontium	88-1	491.85	505.01	486.38	494.41	1.94	ppb
Sulfur	34-1	7620.75	6958.42	6412.48	6997.22	8.65	ppb
Terbium	159-1				111		%
Terbium	159-2				115		%
Thallium	205-1	477.95	513.95	495.60	495.83	3.63	ppb
Thallium	203-1	473.12	504.56	501.78	493.15	3.53	ppb
Tin	118-1	476.47	494.99	480.21	483.89	2.02	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:49:58	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2466.91	2446.26	2420.07	2444.41	0.96	ppb
Uranium	238-1	515.64	519.08	528.01	520.91	1.23	ppb
Vanadium	51-2	502.77	499.02	486.51	496.10	1.72	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	4876.89	4819.57	4742.68	4813.05	1.40	ppb
Zirconium	90-1	494.06	501.03	494.59	496.56	0.78	ppb
Zirconium	91-1	477.39	491.78	484.57	484.58	1.48	ppb

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 12:59:33 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.81	-3.12	-3.49	-3.14		ppb
Antimony	121-1	0.03	0.04	0.06	0.05	33.32	ppb
Arsenic	75-2	-0.02	-0.02	-0.09	-0.04		ppb
Barium	135-1	-0.01	0.01	-0.01	0.00		ppb
Barium	137-1	0.01	-0.01	0.00	0.00	1859.96	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	8.44	ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Boron	11-1	24.62	23.80	23.02	23.81	3.37	ppb
Boron	10-1	25.00	20.59	21.75	22.44	10.17	ppb
Bromine	81-1						cps
Cadmium	106-1	-18.03	-23.20	-19.11	-20.12		ppb
Cadmium	108-1	-0.23	-0.07	0.03	-0.09		ppb
Cadmium	111-1	-0.16	-0.25	-0.20	-0.20		ppb
Calcium	43-1	-27.26	-29.64	-26.04	-27.65		ppb
Calcium	44-1	-68.16	-68.59	-69.26	-68.67		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.09	-0.14	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.08	0.05	0.08	0.07	17.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	-2.05	-2.15	-1.98	-2.06		ppb
Iron	57-2	-6.09	-5.60	-4.53	-5.41		ppb
Iron	54-2	-1.95	-3.74	-2.76	-2.82		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:59:33	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.19	0.19	0.21	0.20	6.83	ppb
Lead	207-1	0.13	0.26	0.13	0.17	41.69	ppb
Lead	208-1	0.16	0.20	0.16	0.17	12.48	ppb
Lithium	6-1				109		%
Magnesium	24-2	-0.66	-2.01	-3.52	-2.06		ppb
Manganese	55-2	-0.03	0.00	-0.06	-0.03		ppb
Molybdenum	94-1	0.09	0.09	0.04	0.08	42.47	ppb
Molybdenum	95-1	0.02	0.05	0.02	0.03	57.23	ppb
Molybdenum	96-1	0.08	0.01	0.07	0.06	67.49	ppb
Molybdenum	97-1	0.09	0.03	0.09	0.07	44.87	ppb
Molybdenum	98-1	0.11	0.05	0.03	0.06	70.07	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.05	-0.08	-0.09	-0.07		ppb
Phosphorus	31-2	-45.02	-46.53	-52.29	-47.95		ppb
Potassium	39-2	-18.07	-28.57	-30.21	-25.62		ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				96		%
Selenium	77-2	4.14	4.08	3.96	4.06	2.32	ppb
Selenium	78-2	-4.10	0.32	-0.60	-1.46		ppb
Selenium	82-1	-7.99	-3.28	-2.19	-4.49		ppb
Silicon	28-1	-78.22	-81.44	-93.29	-84.32		ppb
Silver	109-1	0.02	0.02	0.01	0.02	49.87	ppb
Silver	107-1	0.01	0.00	0.01	0.01	32.62	ppb
Sodium	23-2	76.75	74.66	66.22	72.54	7.68	ppb
Strontium	86-1	-0.37	-0.63	-0.15	-0.38		ppb
Strontium	88-1	-0.01	-0.01	0.00	0.00		ppb
Sulfur	34-1	-2476.66	-2367.84	-2414.96	-2419.82		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	205-1	0.02	-0.01	-0.01	0.00		ppb
Thallium	203-1	0.02	0.02	-0.01	0.01	234.03	ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:59:33	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.33	-0.01	-0.16	-0.17		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	160.60	ppb
Vanadium	51-2	0.03	0.00	0.00	0.01	231.73	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	0.13	0.22	0.09	0.15	44.03	ppb
Zirconium	90-1	0.00	0.00	0.03	0.01	161.27	ppb
Zirconium	91-1	0.01	0.04	0.02	0.02	77.46	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-06	Instrumnet Name :	P8
Client Sample ID :	MW-105D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:02:39	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	106.28	119.07	113.68	113.01	5.68	ppb
Antimony	121-1	0.67	0.65	0.73	0.68	6.00	ppb
Arsenic	75-2	0.73	0.88	0.76	0.79	10.05	ppb
Barium	135-1	39.70	43.14	41.50	41.44	4.15	ppb
Barium	137-1	41.01	42.70	41.88	41.86	2.02	ppb
Beryllium	9-1	0.05	0.03	0.05	0.04	30.43	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	11-1	1234.00	1335.00	1381.21	1316.73	5.72	ppb
Boron	10-1	1187.44	1286.51	1344.78	1272.91	6.25	ppb
Bromine	81-1						cps
Cadmium	106-1	-20.56	-17.44	-17.92	-18.64		ppb
Cadmium	108-1	-0.08	0.95	0.61	0.50	105.48	ppb
Cadmium	111-1	-0.13	-0.16	-0.16	-0.15		ppb
Calcium	43-1	84539.50	89117.78	86281.51	86646.27	2.67	ppb
Calcium	44-1	85167.74	88402.75	86589.76	86720.08	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.27	2.30	2.22	5.10	ppb
Cobalt	59-2	0.82	1.00	0.93	0.92	10.02	ppb
Copper	63-2	6.45	7.33	6.95	6.91	6.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	3057.13	3505.72	3207.04	3256.63	7.01	ppb
Iron	57-2	3093.66	3379.69	3230.12	3234.49	4.42	ppb
Iron	54-2	2997.46	3377.70	3180.77	3185.31	5.97	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-06	Instrumnet Name :	P8
Client Sample ID :	MW-105D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:02:39	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.16	3.11	3.06	3.11	1.52	ppb
Lead	207-1	2.84	2.95	2.72	2.84	3.96	ppb
Lead	208-1	3.00	3.12	3.02	3.05	2.02	ppb
Lithium	6-1				114		%
Magnesium	24-2	209708.64	237733.96	219983.05	222475.22	6.37	ppb
Manganese	55-2	1145.02	1271.92	1192.14	1203.02	5.33	ppb
Molybdenum	94-1	1.90	1.66	1.49	1.68	12.16	ppb
Molybdenum	95-1	2.16	2.19	2.03	2.13	3.94	ppb
Molybdenum	96-1	1.87	2.14	2.10	2.04	7.03	ppb
Molybdenum	97-1	2.15	1.99	2.28	2.14	6.67	ppb
Molybdenum	98-1	1.92	1.95	2.15	2.01	6.36	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	2.27	2.30	2.14	2.24	3.88	ppb
Phosphorus	31-2	78.84	133.79	-0.32	70.77	95.26	ppb
Potassium	39-2	106764.63	119819.22	111494.94	112692.93	5.86	ppb
Rhodium	103-1				101		%
Rhodium	103-2				93		%
Scandium	45-1				111		%
Scandium	45-2				94		%
Selenium	77-2	11.01	4.44	4.10	6.52	59.81	ppb
Selenium	78-2	-0.44	-1.13	-2.45	-1.34		ppb
Selenium	82-1	5.33	10.22	9.66	8.40	31.87	ppb
Silicon	28-1	2440.44	2624.21	2475.92	2513.52	3.88	ppb
Silver	109-1	0.11	0.07	0.08	0.09	24.19	ppb
Silver	107-1	0.10	0.06	0.08	0.08	25.32	ppb
Sodium	23-2	1991582.74	2195723.41	2121641.48	2102982.54	4.91	ppb
Strontium	86-1	1530.80	1615.00	1619.21	1588.33	3.14	ppb
Strontium	88-1	1550.93	1607.56	1605.70	1588.06	2.03	ppb
Sulfur	34-1	119299.03	126672.27	119704.81	121892.04	3.40	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	205-1	0.03	0.03	0.00	0.02	75.19	ppb
Thallium	203-1	0.02	0.06	0.08	0.05	57.53	ppb
Tin	118-1	0.30	0.34	0.30	0.32	6.40	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-06	Instrumnet Name :	P8
Client Sample ID :	MW-105D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:02:39	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.16	4.69	4.92	4.59	8.46	ppb
Uranium	238-1	3.23	3.29	3.09	3.20	3.29	ppb
Vanadium	51-2	1.04	1.34	1.13	1.17	12.92	ppb
Yttrium	89-1				107		%
Yttrium	89-2				96		%
Zinc	66-2	349.89	380.59	362.69	364.39	4.23	ppb
Zirconium	90-1	1.70	0.08	0.12	0.63	145.85	ppb
Zirconium	91-1	0.12	0.14	0.20	0.15	24.91	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-07	Instrumnet Name :	P8
Client Sample ID :	MW-105I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:05:29	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.74	53.57	53.29	52.53	2.97	ppb
Antimony	121-1	0.19	0.19	0.22	0.20	8.55	ppb
Arsenic	75-2	6.66	6.77	6.38	6.60	3.03	ppb
Barium	135-1	133.26	135.08	130.90	133.08	1.58	ppb
Barium	137-1	133.71	137.60	132.99	134.77	1.84	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	165.04	ppb
Bismuth	209-1				115		%
Bismuth	209-2				120		%
Boron	11-1	539.46	593.33	625.43	586.07	7.41	ppb
Boron	10-1	526.06	589.52	626.66	580.75	8.76	ppb
Bromine	81-1						cps
Cadmium	106-1	-18.72	-16.56	-20.57	-18.62		ppb
Cadmium	108-1	0.16	0.25	-0.09	0.11	168.26	ppb
Cadmium	111-1	-0.16	-0.11	-0.19	-0.15		ppb
Calcium	43-1	27857.77	28186.23	28523.19	28189.06	1.18	ppb
Calcium	44-1	27954.90	28367.73	29111.96	28478.20	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.85	0.69	0.94	0.83	15.08	ppb
Cobalt	59-2	0.45	0.39	0.55	0.46	17.84	ppb
Copper	63-2	5.81	5.88	6.04	5.91	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				116		%
Holmium	165-2				120		%
Indium	115-1				113		%
Indium	115-2				110		%
Iron	56-2	4368.31	4352.11	4242.61	4321.01	1.58	ppb
Iron	57-2	4269.86	4341.84	4251.37	4287.69	1.11	ppb
Iron	54-2	4215.98	4243.35	4289.50	4249.61	0.87	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-07	Instrumnet Name :	P8
Client Sample ID :	MW-105I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:05:29	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.51	2.57	2.46	2.51	2.13	ppb
Lead	207-1	2.18	2.22	2.18	2.19	1.02	ppb
Lead	208-1	2.33	2.40	2.39	2.37	1.61	ppb
Lithium	6-1				130		%
Magnesium	24-2	52900.15	52410.46	53784.51	53031.71	1.31	ppb
Manganese	55-2	32.22	32.33	31.86	32.14	0.78	ppb
Molybdenum	94-1	5.84	5.81	6.03	5.89	2.03	ppb
Molybdenum	95-1	8.14	8.31	8.21	8.22	1.03	ppb
Molybdenum	96-1	7.46	7.73	7.69	7.63	1.90	ppb
Molybdenum	97-1	7.63	8.20	8.01	7.95	3.67	ppb
Molybdenum	98-1	7.69	8.38	8.45	8.18	5.15	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.89	0.94	0.77	0.87	10.15	ppb
Phosphorus	31-2	424.19	316.52	272.42	337.71	23.12	ppb
Potassium	39-2	38152.63	36922.28	38251.75	37775.55	1.96	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				116		%
Scandium	45-2				107		%
Selenium	77-2	-0.78	5.50	-0.78	1.31	276.54	ppb
Selenium	78-2	-3.43	-2.40	-1.71	-2.51		ppb
Selenium	82-1	7.84	8.25	4.85	6.98	26.62	ppb
Silicon	28-1	4256.29	4361.09	4341.23	4319.54	1.29	ppb
Silver	109-1	0.05	0.03	0.03	0.04	33.32	ppb
Silver	107-1	0.03	0.02	0.04	0.03	22.40	ppb
Sodium	23-2	345763.27	336543.82	341902.93	341403.34	1.36	ppb
Strontium	86-1	597.57	606.79	607.60	603.99	0.92	ppb
Strontium	88-1	609.97	622.39	619.91	617.42	1.07	ppb
Sulfur	34-1	4596.70	4592.22	4733.43	4640.78	1.73	ppb
Terbium	159-1				117		%
Terbium	159-2				118		%
Thallium	205-1	0.00	-0.03	-0.01	-0.01		ppb
Thallium	203-1	0.03	-0.01	0.01	0.01	220.61	ppb
Tin	118-1	0.31	0.33	0.26	0.30	11.65	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-07	Instrumnet Name :	P8
Client Sample ID :	MW-105I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:05:29	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.54	3.14	3.25	3.31	6.26	ppb
Uranium	238-1	1.34	1.34	1.35	1.34	0.45	ppb
Vanadium	51-2	1.34	1.30	1.38	1.34	2.74	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	225.32	220.60	220.34	222.09	1.26	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	33.24	ppb
Zirconium	91-1	0.03	0.05	0.05	0.04	32.37	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-08	Instrumnet Name :	P8
Client Sample ID :	MW-105S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:08:17	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.87	8.31	8.07	8.42	4.87	ppb
Antimony	121-1	0.14	0.14	0.19	0.16	17.65	ppb
Arsenic	75-2	0.37	0.33	0.34	0.35	4.75	ppb
Barium	135-1	141.34	142.75	149.66	144.59	3.08	ppb
Barium	137-1	142.55	145.10	147.27	144.97	1.63	ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	82.48	ppb
Bismuth	209-1				115		%
Bismuth	209-2				116		%
Boron	11-1	668.70	728.12	800.22	732.35	8.99	ppb
Boron	10-1	657.39	711.28	782.66	717.11	8.76	ppb
Bromine	81-1						cps
Cadmium	106-1	-21.29	-18.89	-18.98	-19.72		ppb
Cadmium	108-1	0.22	0.29	-0.08	0.14	137.29	ppb
Cadmium	111-1	-0.26	-0.18	-0.19	-0.21		ppb
Calcium	43-1	129036.20	132840.01	136318.70	132731.63	2.74	ppb
Calcium	44-1	126678.27	132051.82	135449.86	131393.32	3.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.90	0.75	0.82	0.82	9.29	ppb
Cobalt	59-2	0.27	0.27	0.33	0.29	12.87	ppb
Copper	63-2	3.38	3.42	3.47	3.42	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				120		%
Holmium	165-2				118		%
Indium	115-1				115		%
Indium	115-2				109		%
Iron	56-2	894.06	869.13	921.70	894.97	2.94	ppb
Iron	57-2	904.72	894.66	959.43	919.60	3.79	ppb
Iron	54-2	865.57	871.74	888.33	875.21	1.34	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-08	Instrumnet Name :	P8
Client Sample ID :	MW-105S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:08:17	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.86	0.78	0.91	0.85	8.27	ppb
Lead	207-1	0.74	0.74	0.82	0.77	6.06	ppb
Lead	208-1	0.79	0.80	0.86	0.82	4.60	ppb
Lithium	6-1				126		%
Magnesium	24-2	99348.70	95644.96	103045.89	99346.51	3.72	ppb
Manganese	55-2	141.05	136.38	141.90	139.78	2.12	ppb
Molybdenum	94-1	2.26	2.25	2.46	2.32	5.17	ppb
Molybdenum	95-1	1.13	1.20	1.10	1.14	4.14	ppb
Molybdenum	96-1	1.24	1.35	1.36	1.32	5.02	ppb
Molybdenum	97-1	1.24	1.20	1.11	1.18	5.79	ppb
Molybdenum	98-1	1.18	1.13	1.14	1.15	2.39	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.95	0.96	1.09	1.00	7.85	ppb
Phosphorus	31-2	326.14	285.74	301.82	304.56	6.68	ppb
Potassium	39-2	43539.59	42792.09	46317.58	44216.42	4.20	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				118		%
Scandium	45-2				107		%
Selenium	77-2	3.49	-0.78	3.75	2.15	118.20	ppb
Selenium	78-2	-3.34	-1.18	0.12	-1.47		ppb
Selenium	82-1	0.76	-0.80	5.46	1.81	180.35	ppb
Silicon	28-1	7336.29	7633.14	8061.64	7677.02	4.75	ppb
Silver	109-1	0.03	0.01	0.01	0.02	55.34	ppb
Silver	107-1	0.00	0.03	0.02	0.02	83.82	ppb
Sodium	23-2	480593.94	471224.38	495564.14	482460.82	2.54	ppb
Strontium	86-1	1236.01	1271.45	1304.85	1270.77	2.71	ppb
Strontium	88-1	1279.22	1255.69	1313.84	1282.91	2.28	ppb
Sulfur	34-1	61804.38	65620.92	67343.67	64922.99	4.37	ppb
Terbium	159-1				118		%
Terbium	159-2				116		%
Thallium	205-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.00	0.03	0.01	207.99	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-08	Instrumnet Name :	P8
Client Sample ID :	MW-105S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:08:17	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.62	1.54	2.00	1.72	14.31	ppb
Uranium	238-1	2.26	2.19	2.28	2.25	2.12	ppb
Vanadium	51-2	1.69	1.74	1.89	1.77	5.99	ppb
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	16.55	16.18	16.70	16.48	1.62	ppb
Zirconium	90-1	0.90	0.95	0.97	0.94	3.79	ppb
Zirconium	91-1	0.86	0.88	0.90	0.88	2.15	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-10	Instrumnet Name :	P8
Client Sample ID :	MW-106D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:11:08	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.06	22.59	23.38	23.34	3.15	ppb
Antimony	121-1	0.23	0.18	0.20	0.20	13.01	ppb
Arsenic	75-2	0.57	0.41	0.50	0.49	15.97	ppb
Barium	135-1	43.22	44.77	43.88	43.96	1.77	ppb
Barium	137-1	44.16	43.97	43.55	43.89	0.72	ppb
Beryllium	9-1	0.01	-0.01	0.02	0.01	219.67	ppb
Bismuth	209-1				118		%
Bismuth	209-2				118		%
Boron	11-1	156.84	149.23	149.80	151.96	2.79	ppb
Boron	10-1	152.85	143.07	150.75	148.89	3.46	ppb
Bromine	81-1						cps
Cadmium	106-1	-20.86	-21.14	-18.56	-20.19		ppb
Cadmium	108-1	-0.25	-0.02	-0.02	-0.09		ppb
Cadmium	111-1	-0.19	-0.20	-0.20	-0.20		ppb
Calcium	43-1	16534.64	16964.02	16699.85	16732.84	1.29	ppb
Calcium	44-1	16411.28	17086.46	16729.80	16742.51	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.57	1.59	1.46	1.54	4.66	ppb
Cobalt	59-2	0.23	0.33	0.30	0.29	18.42	ppb
Copper	63-2	15.05	16.71	14.92	15.56	6.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				121		%
Holmium	165-2				116		%
Indium	115-1				116		%
Indium	115-2				109		%
Iron	56-2	554.64	611.30	551.54	572.49	5.88	ppb
Iron	57-2	559.55	624.30	567.11	583.65	6.07	ppb
Iron	54-2	556.04	636.16	566.17	586.12	7.44	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-10	Instrumnet Name :	P8
Client Sample ID :	MW-106D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:11:08	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.31	3.63	3.59	3.51	4.91	ppb
Lead	207-1	3.18	3.27	3.07	3.17	3.25	ppb
Lead	208-1	3.38	3.49	3.41	3.43	1.70	ppb
Lithium	6-1				126		%
Magnesium	24-2	3288.58	3618.35	3288.89	3398.61	5.60	ppb
Manganese	55-2	92.38	99.71	89.19	93.76	5.75	ppb
Molybdenum	94-1	0.22	0.29	0.28	0.26	14.26	ppb
Molybdenum	95-1	0.43	0.29	0.32	0.35	21.56	ppb
Molybdenum	96-1	0.21	0.33	0.32	0.29	22.09	ppb
Molybdenum	97-1	0.33	0.34	0.40	0.36	10.66	ppb
Molybdenum	98-1	0.36	0.36	0.34	0.35	3.73	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	1.77	2.08	1.70	1.85	11.01	ppb
Phosphorus	31-2	0.12	42.29	76.50	39.64	96.51	ppb
Potassium	39-2	26139.81	29051.73	26291.44	27160.99	6.04	ppb
Rhodium	103-1				115		%
Rhodium	103-2				111		%
Scandium	45-1				117		%
Scandium	45-2				104		%
Selenium	77-2	-0.78	-0.78	-0.78	-0.78		ppb
Selenium	78-2	-4.20	-1.17	-3.55	-2.97		ppb
Selenium	82-1	3.36	2.16	-4.15	0.46	880.71	ppb
Silicon	28-1	458.58	477.14	475.65	470.46	2.19	ppb
Silver	109-1	0.02	0.01	0.01	0.01	53.64	ppb
Silver	107-1	0.00	0.01	0.02	0.01	138.15	ppb
Sodium	23-2	47625.72	52217.15	47609.38	49150.75	5.40	ppb
Strontium	86-1	2297.28	2307.31	2274.14	2292.91	0.74	ppb
Strontium	88-1	2314.55	2351.43	2319.66	2328.55	0.86	ppb
Sulfur	34-1	-3674.42	-3212.37	-3196.44	-3361.08		ppb
Terbium	159-1				120		%
Terbium	159-2				117		%
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Tin	118-1	2.44	2.56	2.64	2.55	3.81	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-10	Instrumnet Name :	P8
Client Sample ID :	MW-106D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:11:08	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.42	0.82	0.69	0.64	31.69	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	8.95	ppb
Vanadium	51-2	0.23	0.25	0.18	0.22	17.15	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	163.53	176.08	162.84	167.49	4.45	ppb
Zirconium	90-1	0.01	0.06	0.01	0.03	114.49	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	52.58	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-11	Instrumnet Name :	P8
Client Sample ID :	MW-104D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:13:56	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	148.23	148.71	152.28	149.74	1.48	ppb
Antimony	121-1	0.61	0.81	0.86	0.76	17.62	ppb
Arsenic	75-2	1.53	1.80	1.64	1.66	8.18	ppb
Barium	135-1	78.34	83.12	79.11	80.19	3.20	ppb
Barium	137-1	80.29	83.78	82.68	82.25	2.17	ppb
Beryllium	9-1	0.02	0.00	0.02	0.01	67.06	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	11-1	3381.62	3471.81	3596.00	3483.14	3.09	ppb
Boron	10-1	3538.80	3690.98	3746.17	3658.65	2.94	ppb
Bromine	81-1						cps
Cadmium	106-1	-17.94	-15.99	-18.33	-17.42		ppb
Cadmium	108-1	0.12	0.13	-0.06	0.06	162.12	ppb
Cadmium	111-1	-0.15	-0.08	-0.10	-0.11		ppb
Calcium	43-1	157654.36	166329.94	160060.09	161348.13	2.78	ppb
Calcium	44-1	154838.20	159817.32	157298.98	157318.17	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.37	2.62	2.48	2.49	4.98	ppb
Cobalt	59-2	3.35	3.46	3.39	3.40	1.57	ppb
Copper	63-2	14.11	14.26	13.82	14.07	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	4917.83	5084.24	5006.16	5002.74	1.66	ppb
Iron	57-2	4856.66	5026.05	4899.68	4927.47	1.79	ppb
Iron	54-2	4866.06	4974.02	4848.69	4896.26	1.39	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-11	Instrumnet Name :	P8
Client Sample ID :	MW-104D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:13:56	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.44	5.65	5.76	5.62	2.86	ppb
Lead	207-1	4.66	5.58	5.35	5.20	9.19	ppb
Lead	208-1	5.02	5.54	5.49	5.35	5.42	ppb
Lithium	6-1				119		%
Magnesium	24-2	595549.32	607426.90	593597.52	598857.92	1.25	ppb
Manganese	55-2	3063.71	3157.04	3084.09	3101.61	1.58	ppb
Molybdenum	94-1	4.05	4.56	4.63	4.41	7.19	ppb
Molybdenum	95-1	3.63	3.56	3.45	3.54	2.61	ppb
Molybdenum	96-1	3.33	3.67	3.61	3.54	5.13	ppb
Molybdenum	97-1	3.56	4.02	3.74	3.77	6.23	ppb
Molybdenum	98-1	3.39	3.40	3.30	3.37	1.64	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	5.56	5.69	4.90	5.38	7.84	ppb
Phosphorus	31-2	27.20	110.15	127.46	88.27	60.71	ppb
Potassium	39-2	195108.82	201095.70	197990.66	198065.06	1.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	77-2	6.16	-0.78	6.19	3.86	104.17	ppb
Selenium	78-2	0.58	0.00	-0.40	0.06	796.38	ppb
Selenium	82-1	27.05	28.74	37.94	31.25	18.75	ppb
Silicon	28-1	6580.45	7196.59	6640.02	6805.68	4.99	ppb
Silver	109-1	0.16	0.15	0.23	0.18	26.25	ppb
Silver	107-1	0.16	0.22	0.19	0.19	16.29	ppb
Sodium	23-2	5487806.28	5631583.80	5498978.75	5539456.28	1.44	ppb
Strontium	86-1	3428.66	3574.17	3459.49	3487.44	2.20	ppb
Strontium	88-1	3439.91	3522.48	3481.83	3481.40	1.19	ppb
Sulfur	34-1	239061.15	261663.26	253879.73	251534.71	4.56	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	205-1	-0.03	-0.02	0.00	-0.02		ppb
Thallium	203-1	0.01	0.01	0.00	0.01	101.04	ppb
Tin	118-1	0.31	0.46	0.55	0.44	27.20	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-11	Instrumnet Name :	P8
Client Sample ID :	MW-104D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:13:56	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7.88	7.97	8.53	8.13	4.34	ppb
Uranium	238-1	34.22	36.06	35.05	35.11	2.63	ppb
Vanadium	51-2	1.07	1.02	1.05	1.05	2.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	261.44	268.76	261.38	263.86	1.61	ppb
Zirconium	90-1	1.16	1.21	1.18	1.18	1.76	ppb
Zirconium	91-1	1.27	1.30	1.31	1.29	1.63	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-12	Instrumnet Name :	P8
Client Sample ID :	MW-104I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:16:47	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.41	18.92	19.58	18.30	9.14	ppb
Antimony	121-1	0.14	0.11	0.14	0.13	13.75	ppb
Arsenic	75-2	0.78	0.56	0.62	0.65	17.96	ppb
Barium	135-1	24.63	24.16	24.62	24.47	1.11	ppb
Barium	137-1	25.31	25.25	24.90	25.15	0.88	ppb
Beryllium	9-1	0.00	-0.01	0.02	0.00	383.07	ppb
Bismuth	209-1				125		%
Bismuth	209-2				127		%
Boron	11-1	222.34	221.26	205.07	216.22	4.47	ppb
Boron	10-1	219.01	214.18	209.12	214.10	2.31	ppb
Bromine	81-1						cps
Cadmium	106-1	-17.48	-18.85	-14.48	-16.93		ppb
Cadmium	108-1	0.12	-0.18	0.13	0.03	668.51	ppb
Cadmium	111-1	-0.18	-0.17	-0.14	-0.17		ppb
Calcium	43-1	5890.28	6098.09	6129.24	6039.20	2.15	ppb
Calcium	44-1	5901.99	6082.97	6190.78	6058.58	2.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.04	0.05	0.08	86.22	ppb
Cobalt	59-2	0.07	0.04	0.05	0.05	26.03	ppb
Copper	63-2	9.07	8.78	8.58	8.81	2.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				123		%
Holmium	165-2				126		%
Indium	115-1				122		%
Indium	115-2				117		%
Iron	56-2	546.32	550.59	555.87	550.93	0.87	ppb
Iron	57-2	535.74	526.48	519.54	527.25	1.54	ppb
Iron	54-2	558.53	526.57	541.50	542.20	2.95	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-12	Instrumnet Name :	P8
Client Sample ID :	MW-104I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:16:47	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.89	2.83	2.84	2.85	1.19	ppb
Lead	207-1	2.69	2.62	2.67	2.66	1.35	ppb
Lead	208-1	2.76	2.70	2.80	2.75	1.78	ppb
Lithium	6-1				151		%
Magnesium	24-2	2118.71	2101.07	2115.84	2111.88	0.45	ppb
Manganese	55-2	21.42	20.85	21.44	21.24	1.58	ppb
Molybdenum	94-1	0.23	0.20	0.13	0.19	29.23	ppb
Molybdenum	95-1	0.23	0.27	0.21	0.24	15.19	ppb
Molybdenum	96-1	0.21	0.23	0.24	0.23	6.30	ppb
Molybdenum	97-1	0.30	0.31	0.26	0.29	8.89	ppb
Molybdenum	98-1	0.27	0.26	0.19	0.24	17.89	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.72	0.75	0.79	0.75	4.37	ppb
Phosphorus	31-2	-56.65	-55.92	16.48	-32.03		ppb
Potassium	39-2	14457.27	14252.79	14443.01	14384.36	0.79	ppb
Rhodium	103-1				118		%
Rhodium	103-2				117		%
Scandium	45-1				121		%
Scandium	45-2				111		%
Selenium	77-2	7.36	-0.78	1.30	2.63	161.06	ppb
Selenium	78-2	-4.08	-3.69	-1.15	-2.97		ppb
Selenium	82-1	2.81	-1.38	3.33	1.59	162.78	ppb
Silicon	28-1	610.39	636.91	663.76	637.02	4.19	ppb
Silver	109-1	0.09	0.05	0.04	0.06	40.61	ppb
Silver	107-1	0.06	0.03	0.04	0.04	31.62	ppb
Sodium	23-2	9611.49	9527.77	9230.06	9456.44	2.12	ppb
Strontium	86-1	77.71	80.52	77.01	78.42	2.37	ppb
Strontium	88-1	80.58	82.66	81.01	81.41	1.35	ppb
Sulfur	34-1	-4610.36	-3633.58	-3091.34	-3778.42		ppb
Terbium	159-1				123		%
Terbium	159-2				123		%
Thallium	205-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	203-1	-0.01	0.00	-0.03	-0.01		ppb
Tin	118-1	0.04	0.03	0.04	0.04	21.76	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-12	Instrumnet Name :	P8
Client Sample ID :	MW-104I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:16:47	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.95	0.54	0.60	0.70	31.62	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.43	ppb
Vanadium	51-2	0.21	0.19	0.18	0.19	6.29	ppb
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	43.00	41.18	41.84	42.01	2.20	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	257.58	ppb
Zirconium	91-1	-0.01	0.02	0.01	0.01	192.71	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-13	Instrumnet Name :	P8
Client Sample ID :	MW-103D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:19:35	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.23	48.61	45.95	48.60	5.42	ppb
Antimony	121-1	0.13	0.13	0.12	0.12	6.89	ppb
Arsenic	75-2	0.11	0.00	0.06	0.06	101.71	ppb
Barium	135-1	8.78	8.43	8.01	8.41	4.55	ppb
Barium	137-1	8.55	8.12	8.52	8.40	2.89	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				125		%
Bismuth	209-2				126		%
Boron	11-1	132.88	128.79	125.66	129.11	2.81	ppb
Boron	10-1	127.10	128.05	124.50	126.55	1.45	ppb
Bromine	81-1						cps
Cadmium	106-1	-12.00	-17.14	-19.49	-16.21		ppb
Cadmium	108-1	-0.24	0.29	-0.18	-0.04		ppb
Cadmium	111-1	-0.05	-0.13	-0.18	-0.12		ppb
Calcium	43-1	3480.77	3332.81	3381.28	3398.29	2.22	ppb
Calcium	44-1	3498.27	3299.62	3419.30	3405.73	2.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.41	0.55	0.49	0.48	14.62	ppb
Cobalt	59-2	0.30	0.26	0.23	0.27	13.49	ppb
Copper	63-2	26.75	26.84	26.28	26.62	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				123		%
Holmium	165-2				121		%
Indium	115-1				121		%
Indium	115-2				115		%
Iron	56-2	3591.46	3599.92	3455.38	3548.92	2.29	ppb
Iron	57-2	3593.71	3497.00	3466.64	3519.12	1.89	ppb
Iron	54-2	3486.26	3396.49	3449.63	3444.12	1.31	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-13	Instrumnet Name :	P8
Client Sample ID :	MW-103D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:19:35	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.36	6.19	6.15	6.23	1.82	ppb
Lead	207-1	5.35	5.74	5.68	5.59	3.71	ppb
Lead	208-1	5.92	5.90	5.88	5.90	0.30	ppb
Lithium	6-1				139		%
Magnesium	24-2	700.63	719.42	689.01	703.02	2.18	ppb
Manganese	55-2	85.73	83.70	82.27	83.90	2.07	ppb
Molybdenum	94-1	0.20	0.14	0.12	0.16	26.06	ppb
Molybdenum	95-1	0.14	0.18	0.19	0.17	14.84	ppb
Molybdenum	96-1	0.10	0.15	0.18	0.14	28.75	ppb
Molybdenum	97-1	0.21	0.19	0.24	0.21	10.69	ppb
Molybdenum	98-1	0.13	0.16	0.14	0.14	11.44	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	1.26	1.53	1.29	1.36	10.54	ppb
Phosphorus	31-2	51.07	139.25	6.93	65.75	102.46	ppb
Potassium	39-2	4336.14	4223.21	4236.70	4265.35	1.45	ppb
Rhodium	103-1				117		%
Rhodium	103-2				114		%
Scandium	45-1				119		%
Scandium	45-2				109		%
Selenium	77-2	3.38	-0.78	3.32	1.98	120.90	ppb
Selenium	78-2	0.31	-3.76	-3.66	-2.37		ppb
Selenium	82-1	-3.17	-2.23	-4.76	-3.39		ppb
Silicon	28-1	165.67	124.33	137.24	142.41	14.85	ppb
Silver	109-1	0.04	0.02	0.01	0.02	49.84	ppb
Silver	107-1	0.79	0.01	0.02	0.27	163.78	ppb
Sodium	23-2	5885.98	5758.51	5706.37	5783.62	1.60	ppb
Strontium	86-1	59.73	59.69	57.65	59.02	2.01	ppb
Strontium	88-1	61.70	61.56	61.55	61.60	0.14	ppb
Sulfur	34-1	-3560.16	-5878.07	-4995.19	-4811.14		ppb
Terbium	159-1				120		%
Terbium	159-2				123		%
Thallium	205-1	-0.04	-0.04	-0.03	-0.03		ppb
Thallium	203-1	-0.02	-0.02	0.00	-0.01		ppb
Tin	118-1	0.17	0.18	0.20	0.18	9.17	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-13	Instrumnet Name :	P8
Client Sample ID :	MW-103D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:19:35	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.13	1.45	1.32	1.64	26.72	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	39.05	ppb
Vanadium	51-2	0.25	0.25	0.30	0.27	11.25	ppb
Yttrium	89-1				117		%
Yttrium	89-2				114		%
Zinc	66-2	103.52	103.88	99.97	102.46	2.11	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	16.00	ppb
Zirconium	91-1	0.00	0.00	0.09	0.03	164.44	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-14	Instrumnet Name :	P8
Client Sample ID :	MW-103I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:22:26	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	164.54	165.31	164.05	164.63	0.38	ppb
Antimony	121-1	0.21	0.20	0.22	0.21	5.86	ppb
Arsenic	75-2	0.78	0.86	0.94	0.86	9.07	ppb
Barium	135-1	51.76	51.66	59.63	54.35	8.41	ppb
Barium	137-1	50.97	51.83	58.24	53.68	7.41	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	33.77	ppb
Bismuth	209-1				120		%
Bismuth	209-2				127		%
Boron	11-1	115.24	115.06	123.81	118.04	4.24	ppb
Boron	10-1	109.65	111.50	122.34	114.50	5.98	ppb
Bromine	81-1						cps
Cadmium	106-1	-20.29	-19.32	-18.04	-19.21		ppb
Cadmium	108-1	0.42	-0.10	0.03	0.12	231.99	ppb
Cadmium	111-1	-0.15	-0.16	-0.12	-0.14		ppb
Calcium	43-1	8892.30	8690.66	10259.85	9280.94	9.20	ppb
Calcium	44-1	9084.04	8904.12	10339.04	9442.40	8.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.60	2.85	2.72	2.73	4.65	ppb
Cobalt	59-2	0.50	0.46	0.46	0.47	5.78	ppb
Copper	63-2	25.87	26.66	27.68	26.74	3.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				119		%
Holmium	165-2				124		%
Indium	115-1				114		%
Indium	115-2				115		%
Iron	56-2	3413.89	3479.33	3478.05	3457.09	1.08	ppb
Iron	57-2	3353.64	3381.61	3447.48	3394.24	1.42	ppb
Iron	54-2	3360.14	3349.75	3438.29	3382.73	1.43	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-14	Instrumnet Name :	P8
Client Sample ID :	MW-103I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:22:26	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.99	8.15	9.41	8.52	9.08	ppb
Lead	207-1	7.56	7.45	8.46	7.82	7.13	ppb
Lead	208-1	7.64	7.77	8.94	8.12	8.77	ppb
Lithium	6-1				131		%
Magnesium	24-2	2131.28	2125.60	2176.26	2144.38	1.29	ppb
Manganese	55-2	240.28	241.08	241.88	241.08	0.33	ppb
Molybdenum	94-1	1.03	0.82	1.09	0.98	14.67	ppb
Molybdenum	95-1	0.93	1.04	1.19	1.05	12.39	ppb
Molybdenum	96-1	1.11	0.92	1.17	1.07	11.95	ppb
Molybdenum	97-1	1.05	0.89	1.30	1.08	19.21	ppb
Molybdenum	98-1	0.95	1.03	1.16	1.04	10.01	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	2.05	2.14	2.16	2.12	2.88	ppb
Phosphorus	31-2	1553.48	1613.29	1665.21	1610.66	3.47	ppb
Potassium	39-2	9394.04	9568.69	9733.56	9565.43	1.77	ppb
Rhodium	103-1				112		%
Rhodium	103-2				117		%
Scandium	45-1				117		%
Scandium	45-2				108		%
Selenium	77-2	1.25	5.51	1.33	2.70	90.31	ppb
Selenium	78-2	-1.73	-2.94	-1.76	-2.14		ppb
Selenium	82-1	-0.55	-0.39	-1.04	-0.66		ppb
Silicon	28-1	808.10	764.63	985.04	852.59	13.69	ppb
Silver	109-1	0.03	0.05	0.09	0.05	49.64	ppb
Silver	107-1	0.02	0.03	0.04	0.03	47.95	ppb
Sodium	23-2	12650.39	12779.76	13000.22	12810.12	1.38	ppb
Strontium	86-1	48.86	51.89	61.45	54.07	12.16	ppb
Strontium	88-1	52.80	52.69	61.54	55.68	9.12	ppb
Sulfur	34-1	-4274.28	-5727.98	230.06	-3257.40		ppb
Terbium	159-1				118		%
Terbium	159-2				123		%
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	203-1	-0.02	0.00	-0.01	-0.01		ppb
Tin	118-1	0.64	0.74	0.75	0.71	8.37	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-14	Instrumnet Name :	P8
Client Sample ID :	MW-103I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:22:26	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.64	5.83	7.51	6.33	16.30	ppb
Uranium	238-1	0.03	0.02	0.04	0.03	19.66	ppb
Vanadium	51-2	0.69	0.73	0.62	0.68	8.22	ppb
Yttrium	89-1				113		%
Yttrium	89-2				114		%
Zinc	66-2	337.52	345.29	351.07	344.63	1.97	ppb
Zirconium	90-1	0.10	0.13	0.10	0.11	14.23	ppb
Zirconium	91-1	0.09	0.14	0.09	0.11	28.40	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-15	Instrumnet Name :	P8
Client Sample ID :	MW-101S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:25:14	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	877.70	863.43	859.95	867.03	1.08	ppb
Antimony	121-1	1.22	1.36	1.37	1.32	6.37	ppb
Arsenic	75-2	1.85	1.58	1.68	1.71	8.06	ppb
Barium	135-1	125.14	126.22	122.27	124.54	1.64	ppb
Barium	137-1	125.99	122.66	126.38	125.01	1.64	ppb
Beryllium	9-1	0.05	0.09	0.07	0.07	30.20	ppb
Bismuth	209-1				127		%
Bismuth	209-2				127		%
Boron	11-1	303.67	323.46	348.97	325.37	6.98	ppb
Boron	10-1	298.43	318.88	343.33	320.22	7.02	ppb
Bromine	81-1						cps
Cadmium	106-1	-18.54	-21.04	-18.00	-19.20		ppb
Cadmium	108-1	-0.18	0.04	-0.18	-0.11		ppb
Cadmium	111-1	-0.02	0.01	0.01	0.00	1267.16	ppb
Calcium	43-1	70979.07	73027.21	72177.85	72061.38	1.43	ppb
Calcium	44-1	71272.38	72334.74	72013.14	71873.42	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.99	2.82	3.03	2.95	3.91	ppb
Cobalt	59-2	24.92	24.69	24.38	24.66	1.09	ppb
Copper	63-2	21.40	20.65	20.59	20.88	2.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				126		%
Holmium	165-2				127		%
Indium	115-1				122		%
Indium	115-2				115		%
Iron	56-2	1360.28	1345.35	1343.10	1349.58	0.69	ppb
Iron	57-2	1394.00	1385.85	1379.65	1386.50	0.52	ppb
Iron	54-2	1370.03	1332.42	1335.36	1345.94	1.55	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-15	Instrumnet Name :	P8
Client Sample ID :	MW-101S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:25:14	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	25.46	24.86	24.98	25.10	1.28	ppb
Lead	207-1	23.21	23.48	23.93	23.54	1.55	ppb
Lead	208-1	24.29	24.31	24.50	24.37	0.47	ppb
Lithium	6-1				129		%
Magnesium	24-2	36250.40	36435.37	36025.80	36237.19	0.57	ppb
Manganese	55-2	584.42	595.12	584.54	588.03	1.04	ppb
Molybdenum	94-1	0.78	0.84	0.80	0.81	3.93	ppb
Molybdenum	95-1	0.64	0.56	0.67	0.62	8.72	ppb
Molybdenum	96-1	0.58	0.54	0.66	0.59	10.41	ppb
Molybdenum	97-1	0.54	0.60	0.50	0.55	9.29	ppb
Molybdenum	98-1	0.56	0.66	0.56	0.60	9.88	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	5.91	5.91	5.96	5.93	0.51	ppb
Phosphorus	31-2	5.06	33.72	-3.23	11.85	163.61	ppb
Potassium	39-2	3458.70	3479.37	3444.70	3460.92	0.50	ppb
Rhodium	103-1				117		%
Rhodium	103-2				113		%
Scandium	45-1				124		%
Scandium	45-2				109		%
Selenium	77-2	11.39	1.27	1.34	4.67	124.80	ppb
Selenium	78-2	-0.52	-2.75	0.35	-0.97		ppb
Selenium	82-1	-0.10	3.67	2.36	1.98	96.85	ppb
Silicon	28-1	11440.60	11490.76	11389.20	11440.18	0.44	ppb
Silver	109-1	0.04	0.03	0.04	0.04	21.56	ppb
Silver	107-1	0.03	0.03	0.02	0.03	30.31	ppb
Sodium	23-2	164773.65	161091.02	161169.90	162344.86	1.30	ppb
Strontium	86-1	217.75	220.61	220.18	219.51	0.70	ppb
Strontium	88-1	225.94	225.55	228.29	226.59	0.66	ppb
Sulfur	34-1	20602.25	21472.60	20732.56	20935.80	2.24	ppb
Terbium	159-1				126		%
Terbium	159-2				124		%
Thallium	205-1	0.04	0.00	0.03	0.03	75.07	ppb
Thallium	203-1	0.06	0.07	0.03	0.05	41.44	ppb
Tin	118-1	0.60	0.58	0.63	0.61	4.01	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-15	Instrumnet Name :	P8
Client Sample ID :	MW-101S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:25:14	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	31.79	30.60	32.10	31.50	2.53	ppb
Uranium	238-1	0.63	0.64	0.66	0.65	2.27	ppb
Vanadium	51-2	2.90	2.95	3.35	3.07	8.05	ppb
Yttrium	89-1				119		%
Yttrium	89-2				114		%
Zinc	66-2	91.48	93.57	90.46	91.83	1.73	ppb
Zirconium	90-1	0.18	0.20	0.21	0.20	8.89	ppb
Zirconium	91-1	0.17	0.20	0.18	0.18	7.84	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-16	Instrumnet Name :	P8
Client Sample ID :	MW-101I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:28:04	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	354.88	357.56	365.47	359.30	1.53	ppb
Antimony	121-1	0.34	0.46	0.39	0.40	15.25	ppb
Arsenic	75-2	1.11	0.90	1.07	1.03	11.07	ppb
Barium	135-1	154.92	153.17	156.34	154.81	1.03	ppb
Barium	137-1	155.38	156.10	156.92	156.13	0.49	ppb
Beryllium	9-1	-0.01	0.03	0.00	0.01	330.60	ppb
Bismuth	209-1				124		%
Bismuth	209-2				124		%
Boron	11-1	435.66	469.60	509.03	471.43	7.79	ppb
Boron	10-1	415.40	461.58	501.22	459.40	9.35	ppb
Bromine	81-1						cps
Cadmium	106-1	-22.24	-17.81	-17.99	-19.34		ppb
Cadmium	108-1	-0.03	-0.03	0.05	0.00		ppb
Cadmium	111-1	-0.25	-0.19	-0.20	-0.21		ppb
Calcium	43-1	115838.71	120930.62	120246.72	119005.35	2.32	ppb
Calcium	44-1	116433.02	120502.79	120551.01	119162.27	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.01	4.11	4.06	4.06	1.26	ppb
Cobalt	59-2	0.35	0.38	0.34	0.36	6.20	ppb
Copper	63-2	6.11	5.75	5.81	5.89	3.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				124		%
Holmium	165-2				124		%
Indium	115-1				121		%
Indium	115-2				113		%
Iron	56-2	715.87	715.45	700.99	710.77	1.19	ppb
Iron	57-2	734.61	729.90	712.54	725.68	1.60	ppb
Iron	54-2	712.05	706.64	707.54	708.74	0.41	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-16	Instrumnet Name :	P8
Client Sample ID :	MW-101I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:28:04	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.86	7.59	8.25	7.90	4.20	ppb
Lead	207-1	7.01	7.56	7.51	7.36	4.16	ppb
Lead	208-1	7.44	7.54	7.77	7.58	2.18	ppb
Lithium	6-1				131		%
Magnesium	24-2	57290.03	56780.32	56493.07	56854.47	0.71	ppb
Manganese	55-2	18.05	18.36	18.47	18.29	1.18	ppb
Molybdenum	94-1	0.70	0.85	0.68	0.74	12.00	ppb
Molybdenum	95-1	0.71	0.81	0.83	0.78	8.38	ppb
Molybdenum	96-1	0.86	0.81	0.82	0.83	2.64	ppb
Molybdenum	97-1	0.77	1.00	0.75	0.84	16.48	ppb
Molybdenum	98-1	0.86	0.83	0.86	0.85	2.20	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	1.03	1.18	1.07	1.10	7.28	ppb
Phosphorus	31-2	-10.39	55.57	-23.18	7.34	576.10	ppb
Potassium	39-2	14371.86	14425.29	14409.67	14402.27	0.19	ppb
Rhodium	103-1				115		%
Rhodium	103-2				112		%
Scandium	45-1				122		%
Scandium	45-2				107		%
Selenium	77-2	5.49	3.39	1.33	3.40	61.13	ppb
Selenium	78-2	0.36	-1.89	-0.81	-0.78		ppb
Selenium	82-1	-1.24	-2.41	9.05	1.80	350.85	ppb
Silicon	28-1	9618.02	9964.70	9937.42	9840.04	1.96	ppb
Silver	109-1	0.03	0.02	0.02	0.02	9.87	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.60	ppb
Sodium	23-2	91797.52	92450.21	90378.30	91542.01	1.16	ppb
Strontium	86-1	651.77	665.60	663.60	660.32	1.13	ppb
Strontium	88-1	666.76	674.90	676.74	672.80	0.79	ppb
Sulfur	34-1	21138.96	22528.88	23328.01	22331.95	4.96	ppb
Terbium	159-1				124		%
Terbium	159-2				121		%
Thallium	205-1	-0.03	-0.02	-0.02	-0.03		ppb
Thallium	203-1	-0.01	0.00	-0.02	-0.01		ppb
Tin	118-1	0.38	0.41	0.41	0.40	4.78	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-16	Instrumnet Name :	P8
Client Sample ID :	MW-101I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:28:04	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	16.17	15.79	16.31	16.09	1.68	ppb
Uranium	238-1	3.82	3.81	3.94	3.86	1.92	ppb
Vanadium	51-2	2.75	2.83	2.59	2.73	4.49	ppb
Yttrium	89-1				119		%
Yttrium	89-2				113		%
Zinc	66-2	49.76	52.00	51.91	51.22	2.48	ppb
Zirconium	90-1	0.13	0.09	0.14	0.12	23.73	ppb
Zirconium	91-1	0.17	0.15	0.09	0.14	31.53	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:32:43	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51166.02	48809.52	49524.51	49833.35	2.42	ppb
Antimony	121-1	462.98	463.95	484.28	470.40	2.56	ppb
Arsenic	75-2	482.39	488.07	476.42	482.29	1.21	ppb
Barium	135-1	2405.21	2412.51	2482.89	2433.54	1.76	ppb
Barium	137-1	2412.56	2432.24	2487.24	2444.01	1.58	ppb
Beryllium	9-1	521.74	530.56	526.20	526.16	0.84	ppb
Bismuth	209-1				120		%
Bismuth	209-2				118		%
Boron	11-1	565.08	606.53	631.70	601.10	5.60	ppb
Boron	10-1	565.91	612.23	627.93	602.02	5.36	ppb
Bromine	81-1						cps
Cadmium	106-1	438.95	432.78	452.43	441.39	2.28	ppb
Cadmium	108-1	448.86	446.86	469.42	455.04	2.74	ppb
Cadmium	111-1	458.72	459.82	473.71	464.08	1.80	ppb
Calcium	43-1	240251.90	241257.35	244899.27	242136.17	1.01	ppb
Calcium	44-1	237769.28	237627.62	243624.66	239673.85	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	519.63	493.29	502.88	505.26	2.64	ppb
Cobalt	59-2	517.69	490.04	498.86	502.20	2.81	ppb
Copper	63-2	5197.30	5023.04	5041.15	5087.16	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				123		%
Holmium	165-2				121		%
Indium	115-1				116		%
Indium	115-2				106		%
Iron	56-2	132179.82	127484.69	127164.03	128942.85	2.18	ppb
Iron	57-2	133325.26	127821.47	129594.29	130247.01	2.16	ppb
Iron	54-2	133099.61	126206.10	129361.81	129555.84	2.66	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:32:43	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2490.21	2481.40	2523.02	2498.21	0.88	ppb
Lead	207-1	2425.93	2544.41	2551.92	2507.42	2.82	ppb
Lead	208-1	2455.99	2528.15	2525.10	2503.08	1.63	ppb
Lithium	6-1				123		%
Magnesium	24-2	269398.52	253672.54	258711.79	260594.28	3.08	ppb
Manganese	55-2	5223.33	5109.96	5116.48	5149.92	1.24	ppb
Molybdenum	94-1	2419.23	2451.78	2477.05	2449.35	1.18	ppb
Molybdenum	95-1	2391.16	2488.73	2537.92	2472.60	3.02	ppb
Molybdenum	96-1	2393.24	2454.45	2508.22	2451.97	2.35	ppb
Molybdenum	97-1	2432.43	2463.31	2524.11	2473.28	1.89	ppb
Molybdenum	98-1	2432.48	2507.80	2562.28	2500.85	2.61	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	515.94	488.94	499.28	501.39	2.72	ppb
Phosphorus	31-2	10536.02	9443.09	10191.17	10056.76	5.56	ppb
Potassium	39-2	126949.52	120620.72	125627.01	124399.08	2.68	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				120		%
Scandium	45-2				102		%
Selenium	77-2	474.57	478.57	495.60	482.91	2.31	ppb
Selenium	78-2	472.25	466.23	465.10	467.86	0.82	ppb
Selenium	82-1	463.32	462.74	470.69	465.59	0.95	ppb
Silicon	28-1	354.45	361.45	434.81	383.57	11.60	ppb
Silver	109-1	460.50	464.37	486.67	470.51	3.00	ppb
Silver	107-1	466.76	461.68	474.80	467.75	1.41	ppb
Sodium	23-2	267806.99	256297.82	259952.77	261352.53	2.25	ppb
Strontium	86-1	475.68	481.71	487.59	481.66	1.24	ppb
Strontium	88-1	488.88	496.70	499.03	494.87	1.07	ppb
Sulfur	34-1	5293.53	4485.32	5301.34	5026.73	9.33	ppb
Terbium	159-1				122		%
Terbium	159-2				119		%
Thallium	205-1	496.34	482.92	502.52	493.93	2.03	ppb
Thallium	203-1	483.97	478.74	483.64	482.11	0.61	ppb
Tin	118-1	465.69	468.96	474.71	469.79	0.97	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:32:43	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2345.43	2397.87	2424.50	2389.27	1.68	ppb
Uranium	238-1	525.22	512.53	515.67	517.81	1.28	ppb
Vanadium	51-2	525.57	495.37	507.02	509.32	2.99	ppb
Yttrium	89-1				114		%
Yttrium	89-2				106		%
Zinc	66-2	5079.97	4864.43	4940.47	4961.62	2.20	ppb
Zirconium	90-1	490.55	502.77	501.07	498.13	1.33	ppb
Zirconium	91-1	468.26	477.90	486.01	477.39	1.86	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:46:34	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.75	-4.52	-2.83	-3.70		ppb
Antimony	121-1	0.05	0.04	0.05	0.05	17.94	ppb
Arsenic	75-2	-0.07	-0.05	-0.09	-0.07		ppb
Barium	135-1	0.02	-0.01	0.05	0.02	140.01	ppb
Barium	137-1	0.02	0.01	0.01	0.01	26.57	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	33.60	ppb
Bismuth	209-1				120		%
Bismuth	209-2				118		%
Boron	11-1	45.70	45.66	45.91	45.76	0.29	ppb
Boron	10-1	45.95	43.10	43.94	44.33	3.30	ppb
Bromine	81-1						cps
Cadmium	106-1	-19.76	-21.74	-17.24	-19.58		ppb
Cadmium	108-1	-0.25	0.07	-0.24	-0.14		ppb
Cadmium	111-1	-0.21	-0.25	-0.20	-0.22		ppb
Calcium	43-1	-32.57	-26.32	-28.18	-29.02		ppb
Calcium	44-1	-83.58	-81.82	-81.81	-82.40		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.12	-0.10	-0.05	-0.09		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.06	-0.06	-0.06	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				117		%
Holmium	165-2				114		%
Indium	115-1				114		%
Indium	115-2				105		%
Iron	56-2	-2.67	-2.81	-3.07	-2.85		ppb
Iron	57-2	-5.09	-6.30	-7.11	-6.17		ppb
Iron	54-2	-4.76	-4.17	-2.31	-3.75		ppb

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 13:46:34 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.15	0.14	7.95	ppb
Lead	207-1	0.07	0.07	0.11	0.08	25.11	ppb
Lead	208-1	0.10	0.10	0.10	0.10	3.36	ppb
Lithium	6-1				117		%
Magnesium	24-2	-4.59	-3.91	-6.08	-4.86		ppb
Manganese	55-2	0.02	-0.05	-0.08	-0.04		ppb
Molybdenum	94-1	0.00	0.00	0.04	0.01	250.93	ppb
Molybdenum	95-1	0.05	0.00	0.01	0.02	148.25	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	42.86	ppb
Molybdenum	97-1	0.06	0.05	0.02	0.05	43.01	ppb
Molybdenum	98-1	0.05	0.03	0.04	0.04	27.95	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.10	-0.08	-0.13	-0.10		ppb
Phosphorus	31-2	-86.18	-118.85	0.19	-68.28		ppb
Potassium	39-2	-73.91	-48.99	-44.93	-55.94		ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				115		%
Scandium	45-2				100		%
Selenium	77-2	-0.78	-0.78	-0.78	-0.78		ppb
Selenium	78-2	-2.08	-2.20	-2.87	-2.38		ppb
Selenium	82-1	-3.33	-5.68	-2.36	-3.79		ppb
Silicon	28-1	-139.13	-138.14	-120.02	-132.43		ppb
Silver	109-1	0.01	0.00	0.01	0.00	142.47	ppb
Silver	107-1	0.01	-0.01	0.01	0.00	213.97	ppb
Sodium	23-2	264.76	240.37	248.46	251.20	4.94	ppb
Strontium	86-1	-1.09	-1.24	-0.43	-0.92		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-5570.36	-4676.15	-4599.13	-4948.54		ppb
Terbium	159-1				116		%
Terbium	159-2				114		%
Thallium	205-1	0.00	-0.02	-0.02	-0.02		ppb
Thallium	203-1	0.02	0.01	-0.02	0.00	1464.12	ppb
Tin	118-1	-0.04	-0.03	-0.01	-0.03		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:46:34	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.11	-0.29	-0.35	-0.25		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	0.08	0.06	0.03	0.06	45.04	ppb
Zirconium	90-1	-0.02	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.02	0.06	0.06	0.05	48.47	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-17	Instrumnet Name :	P8
Client Sample ID :	MW-101D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:49:23	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	457.62	441.65	452.99	450.76	1.82	ppb
Antimony	121-1	0.14	0.18	0.16	0.16	14.35	ppb
Arsenic	75-2	0.74	0.96	0.79	0.83	13.73	ppb
Barium	135-1	71.60	70.94	72.40	71.65	1.02	ppb
Barium	137-1	71.25	70.80	71.16	71.07	0.33	ppb
Beryllium	9-1	0.06	0.02	0.00	0.03	117.21	ppb
Bismuth	209-1				122		%
Bismuth	209-2				123		%
Boron	11-1	355.10	383.13	409.33	382.52	7.09	ppb
Boron	10-1	345.49	367.92	410.79	374.73	8.85	ppb
Bromine	81-1						cps
Cadmium	106-1	-20.31	-17.69	-17.36	-18.45		ppb
Cadmium	108-1	-0.02	0.20	0.05	0.08	142.60	ppb
Cadmium	111-1	-0.22	-0.20	-0.16	-0.19		ppb
Calcium	43-1	50350.60	49323.48	50238.24	49970.77	1.13	ppb
Calcium	44-1	49926.89	50742.77	49365.55	50011.74	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.31	3.92	3.91	4.05	5.61	ppb
Cobalt	59-2	0.95	0.92	0.96	0.94	1.70	ppb
Copper	63-2	4.37	4.26	4.28	4.30	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				125		%
Holmium	165-2				124		%
Indium	115-1				118		%
Indium	115-2				113		%
Iron	56-2	727.48	713.90	734.72	725.37	1.46	ppb
Iron	57-2	730.16	701.37	773.95	735.16	4.97	ppb
Iron	54-2	707.80	741.22	735.93	728.32	2.47	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-17	Instrumnet Name :	P8
Client Sample ID :	MW-101D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:49:23	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.95	3.17	3.19	3.10	4.29	ppb
Lead	207-1	2.77	2.95	2.78	2.83	3.63	ppb
Lead	208-1	2.87	3.00	3.01	2.96	2.74	ppb
Lithium	6-1				121		%
Magnesium	24-2	37344.46	36761.07	37214.09	37106.54	0.83	ppb
Manganese	55-2	157.73	155.01	157.98	156.91	1.05	ppb
Molybdenum	94-1	0.68	0.74	0.69	0.70	4.75	ppb
Molybdenum	95-1	0.60	0.55	0.48	0.54	10.69	ppb
Molybdenum	96-1	0.58	0.57	0.40	0.52	19.84	ppb
Molybdenum	97-1	0.49	0.59	0.39	0.49	21.29	ppb
Molybdenum	98-1	0.49	0.49	0.41	0.46	10.11	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	2.07	2.28	2.06	2.14	5.63	ppb
Phosphorus	31-2	-34.67	-69.92	-78.65	-61.08		ppb
Potassium	39-2	19340.95	18742.53	19095.54	19059.67	1.58	ppb
Rhodium	103-1				114		%
Rhodium	103-2				112		%
Scandium	45-1				121		%
Scandium	45-2				108		%
Selenium	77-2	-0.78	-0.78	5.53	1.32	275.73	ppb
Selenium	78-2	-3.10	0.32	0.61	-0.72		ppb
Selenium	82-1	-2.15	0.79	-0.40	-0.59		ppb
Silicon	28-1	9250.43	8714.45	9056.05	9006.98	3.01	ppb
Silver	109-1	0.03	0.02	0.02	0.02	41.70	ppb
Silver	107-1	-0.01	0.02	0.01	0.01	191.27	ppb
Sodium	23-2	246029.75	239071.57	245334.42	243478.58	1.57	ppb
Strontium	86-1	583.90	589.24	567.28	580.14	1.97	ppb
Strontium	88-1	593.76	595.89	587.97	592.54	0.69	ppb
Sulfur	34-1	29226.58	26878.71	27673.17	27926.16	4.28	ppb
Terbium	159-1				122		%
Terbium	159-2				123		%
Thallium	205-1	0.01	0.00	-0.01	0.00	948.58	ppb
Thallium	203-1	0.01	0.02	0.02	0.02	45.81	ppb
Tin	118-1	0.25	0.24	0.23	0.24	5.62	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-17	Instrumnet Name :	P8
Client Sample ID :	MW-101D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:49:23	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	17.48	15.02	15.98	16.16	7.68	ppb
Uranium	238-1	0.74	0.70	0.66	0.70	5.42	ppb
Vanadium	51-2	2.05	2.00	1.95	2.00	2.32	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	81.34	83.84	83.77	82.98	1.72	ppb
Zirconium	90-1	0.27	0.23	0.22	0.24	10.07	ppb
Zirconium	91-1	0.26	0.30	0.29	0.28	7.79	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-02DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106IDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 13:55:02	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.89	-4.27	-2.66	-3.27		ppb
Antimony	121-1	0.11	0.09	0.10	0.10	13.21	ppb
Arsenic	75-2	1.76	1.74	1.47	1.66	9.63	ppb
Barium	135-1	16.09	15.82	16.33	16.08	1.57	ppb
Barium	137-1	17.03	16.61	17.50	17.05	2.60	ppb
Beryllium	9-1	0.07	0.08	0.04	0.06	27.21	ppb
Bismuth	209-1				122		%
Bismuth	209-2				118		%
Boron	11-1	206.13	219.00	233.63	219.59	6.27	ppb
Boron	10-1	203.99	213.11	226.84	214.65	5.36	ppb
Bromine	81-1						cps
Cadmium	106-1	-15.59	-19.47	-20.89	-18.65		ppb
Cadmium	108-1	-0.40	-0.17	-0.32	-0.30		ppb
Cadmium	111-1	-0.06	-0.15	-0.15	-0.12		ppb
Calcium	43-1	3022.12	2965.17	2929.41	2972.23	1.57	ppb
Calcium	44-1	2940.40	2931.79	2882.94	2918.38	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	-0.04	0.00	0.01	575.71	ppb
Cobalt	59-2	0.09	0.07	0.07	0.08	14.71	ppb
Copper	63-2	0.25	0.20	0.21	0.22	11.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				119		%
Holmium	165-2				119		%
Indium	115-1				115		%
Indium	115-2				107		%
Iron	56-2	8.42	8.20	7.72	8.11	4.41	ppb
Iron	57-2	5.60	10.61	4.22	6.81	49.41	ppb
Iron	54-2	9.69	8.41	8.42	8.84	8.36	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-02DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106IDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 13:55:02	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.10	0.12	0.12	15.62	ppb
Lead	207-1	0.13	0.08	0.07	0.09	36.64	ppb
Lead	208-1	0.12	0.08	0.10	0.10	21.83	ppb
Lithium	6-1				118		%
Magnesium	24-2	9501.53	9224.38	9166.64	9297.52	1.93	ppb
Manganese	55-2	1.08	1.17	1.02	1.09	7.01	ppb
Molybdenum	94-1	1.95	2.00	1.97	1.97	1.23	ppb
Molybdenum	95-1	2.91	2.68	2.77	2.79	4.11	ppb
Molybdenum	96-1	2.71	2.77	2.86	2.78	2.64	ppb
Molybdenum	97-1	2.68	2.94	3.00	2.87	5.84	ppb
Molybdenum	98-1	3.00	2.80	2.80	2.87	4.15	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.06	0.03	-0.04	-0.02		ppb
Phosphorus	31-2	56.64	1.67	10.30	22.87	129.28	ppb
Potassium	39-2	8664.69	8486.05	8469.49	8540.08	1.27	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				117		%
Scandium	45-2				102		%
Selenium	77-2	-0.78	-0.78	-0.78	-0.78		ppb
Selenium	78-2	-2.72	-3.08	-2.65	-2.81		ppb
Selenium	82-1	-1.93	3.70	0.03	0.60	476.40	ppb
Silicon	28-1	486.14	449.39	452.39	462.64	4.41	ppb
Silver	109-1	0.00	0.02	0.01	0.01	110.93	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	183340.45	178456.16	176301.36	179365.99	2.01	ppb
Strontium	86-1	70.95	68.07	67.93	68.98	2.47	ppb
Strontium	88-1	72.50	70.47	71.73	71.56	1.44	ppb
Sulfur	34-1	10679.09	9390.46	8791.53	9620.36	10.03	ppb
Terbium	159-1				120		%
Terbium	159-2				115		%
Thallium	205-1	-0.02	-0.01	-0.03	-0.02		ppb
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	-0.03	-0.01	-0.01		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-02DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106IDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 13:55:02	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.11	-0.20	-0.18	-0.09		ppb
Uranium	238-1	0.18	0.18	0.22	0.19	11.22	ppb
Vanadium	51-2	1.37	1.33	1.41	1.37	2.71	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	1.39	1.68	1.38	1.48	11.62	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	102.20	ppb
Zirconium	91-1	0.06	-0.02	-0.01	0.01	430.51	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-04	Instrumnet Name :	P8
Client Sample ID :	MW-106SMS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:00:26	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10286.11	10203.61	10626.33	10372.02	2.16	ppb
Antimony	121-1	449.75	467.32	462.29	459.79	1.97	ppb
Arsenic	75-2	479.60	477.04	481.48	479.37	0.47	ppb
Barium	135-1	2511.06	2610.22	2633.87	2585.05	2.52	ppb
Barium	137-1	2524.71	2674.08	2617.94	2605.58	2.90	ppb
Beryllium	9-1	484.68	485.82	484.77	485.09	0.13	ppb
Bismuth	209-1				128		%
Bismuth	209-2				122		%
Boron	11-1	888.20	966.45	1023.98	959.54	7.10	ppb
Boron	10-1	879.76	962.44	1024.42	955.54	7.60	ppb
Bromine	81-1						cps
Cadmium	106-1	425.91	451.97	435.39	437.76	3.01	ppb
Cadmium	108-1	431.94	440.20	451.83	441.32	2.26	ppb
Cadmium	111-1	436.10	456.37	449.16	447.21	2.30	ppb
Calcium	43-1	220042.74	222800.58	225011.14	222618.15	1.12	ppb
Calcium	44-1	216677.06	218954.43	217716.65	217782.71	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.96	475.94	494.92	486.28	1.97	ppb
Cobalt	59-2	491.16	477.79	496.12	488.36	1.94	ppb
Copper	63-2	1038.60	999.72	1045.59	1027.97	2.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				128		%
Holmium	165-2				126		%
Indium	115-1				120		%
Indium	115-2				111		%
Iron	56-2	26234.46	25845.74	26720.33	26266.84	1.67	ppb
Iron	57-2	26078.04	25300.29	26422.09	25933.47	2.22	ppb
Iron	54-2	26163.83	25569.15	26544.45	26092.48	1.88	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-04	Instrumnet Name :	P8
Client Sample ID :	MW-106SMS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:00:26	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	476.62	486.75	475.00	479.46	1.33	ppb
Lead	207-1	472.50	491.58	463.83	475.97	2.98	ppb
Lead	208-1	487.43	503.87	484.45	491.92	2.13	ppb
Lithium	6-1				123		%
Magnesium	24-2	97849.36	96730.42	101836.67	98805.48	2.72	ppb
Manganese	55-2	1288.62	1245.19	1301.85	1278.55	2.32	ppb
Molybdenum	94-1	2422.94	2470.60	2479.23	2457.59	1.23	ppb
Molybdenum	95-1	2410.81	2510.93	2569.63	2497.12	3.22	ppb
Molybdenum	96-1	2445.23	2482.01	2500.50	2475.91	1.14	ppb
Molybdenum	97-1	2492.18	2500.42	2537.54	2510.05	0.96	ppb
Molybdenum	98-1	2437.11	2518.34	2562.10	2505.85	2.53	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	484.87	473.53	497.68	485.36	2.49	ppb
Phosphorus	31-2	86.27	71.06	108.72	88.68	21.36	ppb
Potassium	39-2	52191.19	51921.65	54107.81	52740.21	2.26	ppb
Rhodium	103-1				117		%
Rhodium	103-2				111		%
Scandium	45-1				126		%
Scandium	45-2				108		%
Selenium	77-2	449.14	477.63	541.26	489.34	9.64	ppb
Selenium	78-2	471.39	452.70	464.04	462.71	2.03	ppb
Selenium	82-1	461.06	465.92	471.26	466.08	1.09	ppb
Silicon	28-1	10396.63	10222.03	10419.49	10346.05	1.04	ppb
Silver	109-1	93.83	154.11	144.56	130.83	24.76	ppb
Silver	107-1	123.12	303.46	140.85	189.14	52.55	ppb
Sodium	23-2	413638.36	412528.32	437050.43	421072.37	3.29	ppb
Strontium	86-1	1738.59	1749.01	1814.93	1767.51	2.34	ppb
Strontium	88-1	1756.37	1767.32	1781.97	1768.55	0.73	ppb
Sulfur	34-1	23528.44	22168.51	21989.93	22562.29	3.73	ppb
Terbium	159-1				128		%
Terbium	159-2				125		%
Thallium	205-1	485.91	488.28	486.12	486.77	0.27	ppb
Thallium	203-1	460.49	488.98	472.82	474.09	3.01	ppb
Tin	118-1	464.57	489.53	488.99	481.03	2.96	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-04	Instrumnet Name :	P8
Client Sample ID :	MW-106SMS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:00:26	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2426.32	2453.63	2374.18	2418.04	1.67	ppb
Uranium	238-1	491.48	518.77	525.39	511.88	3.51	ppb
Vanadium	51-2	492.72	484.26	504.38	493.79	2.05	ppb
Yttrium	89-1				120		%
Yttrium	89-2				113		%
Zinc	66-2	1020.97	982.55	1025.29	1009.60	2.33	ppb
Zirconium	90-1	465.94	475.13	489.93	477.00	2.54	ppb
Zirconium	91-1	455.08	472.08	476.30	467.82	2.40	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-05	Instrumnet Name :	P8
Client Sample ID :	MW-106SMSD	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:03:16	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10098.62	10354.20	10330.66	10261.16	1.38	ppb
Antimony	121-1	527.03	454.80	462.39	481.41	8.24	ppb
Arsenic	75-2	472.37	482.69	485.01	480.02	1.40	ppb
Barium	135-1	3031.79	2506.73	2592.51	2710.34	10.39	ppb
Barium	137-1	2998.60	2550.66	2606.72	2718.66	8.98	ppb
Beryllium	9-1	537.32	477.38	480.34	498.35	6.78	ppb
Bismuth	209-1				120		%
Bismuth	209-2				122		%
Boron	11-1	1104.22	1035.05	1103.27	1080.85	3.67	ppb
Boron	10-1	1081.11	1042.83	1100.94	1074.96	2.75	ppb
Bromine	81-1						cps
Cadmium	106-1	514.71	421.73	436.18	457.54	10.94	ppb
Cadmium	108-1	496.87	445.01	454.97	465.62	5.91	ppb
Cadmium	111-1	524.28	445.00	453.33	474.21	9.19	ppb
Calcium	43-1	255899.93	221332.00	225677.63	234303.18	8.04	ppb
Calcium	44-1	249541.13	216296.78	221141.75	228993.22	7.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.55	484.87	482.54	482.32	0.55	ppb
Cobalt	59-2	482.40	486.66	484.97	484.68	0.44	ppb
Copper	63-2	1013.35	1019.93	1026.92	1020.07	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				121		%
Holmium	165-2				126		%
Indium	115-1				115		%
Indium	115-2				112		%
Iron	56-2	25508.44	26016.37	25807.46	25777.42	0.99	ppb
Iron	57-2	25091.04	25645.83	25559.49	25432.12	1.17	ppb
Iron	54-2	25920.87	25933.08	25992.78	25948.91	0.15	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-05	Instrumnet Name :	P8
Client Sample ID :	MW-106SMSD	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:03:16	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	553.35	485.45	474.71	504.50	8.45	ppb
Lead	207-1	559.19	486.87	481.70	509.25	8.51	ppb
Lead	208-1	573.31	497.86	490.05	520.40	8.84	ppb
Lithium	6-1				120		%
Magnesium	24-2	95082.09	97541.63	98345.61	96989.78	1.75	ppb
Manganese	55-2	1259.20	1262.80	1278.18	1266.73	0.80	ppb
Molybdenum	94-1	2793.84	2475.40	2473.51	2580.92	7.14	ppb
Molybdenum	95-1	2812.87	2504.09	2535.39	2617.45	6.49	ppb
Molybdenum	96-1	2842.14	2502.13	2502.38	2615.55	7.50	ppb
Molybdenum	97-1	2890.38	2476.82	2530.33	2632.51	8.54	ppb
Molybdenum	98-1	2883.13	2474.25	2547.73	2635.03	8.27	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	473.48	479.33	484.61	479.14	1.16	ppb
Phosphorus	31-2	127.11	72.66	-3.71	65.35	100.56	ppb
Potassium	39-2	51341.09	54228.92	51913.11	52494.37	2.91	ppb
Rhodium	103-1				110		%
Rhodium	103-2				111		%
Scandium	45-1				119		%
Scandium	45-2				108		%
Selenium	77-2	392.56	450.83	484.21	442.53	10.48	ppb
Selenium	78-2	444.32	464.85	477.20	462.12	3.59	ppb
Selenium	82-1	544.30	467.21	481.53	497.68	8.24	ppb
Silicon	28-1	12154.30	10289.97	10811.70	11085.32	8.68	ppb
Silver	109-1	115.33	249.79	238.36	201.16	37.06	ppb
Silver	107-1	111.49	138.01	174.94	141.48	22.52	ppb
Sodium	23-2	405220.58	417183.62	418982.74	413795.65	1.81	ppb
Strontium	86-1	2007.54	1760.12	1788.89	1852.19	7.31	ppb
Strontium	88-1	2058.05	1777.06	1790.85	1875.32	8.45	ppb
Sulfur	34-1	32015.66	20892.52	24373.37	25760.52	22.09	ppb
Terbium	159-1				122		%
Terbium	159-2				126		%
Thallium	205-1	554.89	484.68	476.02	505.20	8.56	ppb
Thallium	203-1	545.64	481.51	474.30	500.48	7.85	ppb
Tin	118-1	554.50	474.67	479.45	502.87	8.90	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-05	Instrumnet Name :	P8
Client Sample ID :	MW-106SMSD	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:03:16	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2830.34	2394.24	2477.97	2567.52	9.01	ppb
Uranium	238-1	576.09	505.86	512.58	531.51	7.29	ppb
Vanadium	51-2	486.27	492.49	496.99	491.91	1.09	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	997.68	998.15	996.63	997.49	0.08	ppb
Zirconium	90-1	564.57	480.54	486.12	510.41	9.21	ppb
Zirconium	91-1	546.58	467.28	475.91	496.59	8.76	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03ARE	Instrumnet Name :	P8
Client Sample ID :	MW-106SARE	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:12:06	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10054.95	10072.65	9883.28	10003.63	1.05	ppb
Antimony	121-1	449.18	468.84	460.14	459.38	2.14	ppb
Arsenic	75-2	465.25	470.68	473.31	469.75	0.87	ppb
Barium	135-1	2502.83	2598.25	2558.55	2553.21	1.88	ppb
Barium	137-1	2518.19	2672.53	2556.50	2582.41	3.11	ppb
Beryllium	9-1	469.76	470.18	472.53	470.82	0.32	ppb
Bismuth	209-1				127		%
Bismuth	209-2				125		%
Boron	11-1	869.77	954.78	1018.99	947.85	7.90	ppb
Boron	10-1	866.68	950.17	997.34	938.06	7.05	ppb
Bromine	81-1						cps
Cadmium	106-1	422.57	435.75	435.07	431.13	1.72	ppb
Cadmium	108-1	436.48	459.37	457.36	451.07	2.81	ppb
Cadmium	111-1	437.09	460.26	444.24	447.19	2.65	ppb
Calcium	43-1	217917.29	217887.29	217164.36	217656.32	0.20	ppb
Calcium	44-1	209993.52	214970.62	209538.78	211500.98	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	471.71	476.78	464.71	471.07	1.29	ppb
Cobalt	59-2	478.06	482.28	470.04	476.79	1.30	ppb
Copper	63-2	1000.69	1000.68	985.85	995.74	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				130		%
Holmium	165-2				128		%
Indium	115-1				120		%
Indium	115-2				113		%
Iron	56-2	25118.37	25174.71	25035.74	25109.61	0.28	ppb
Iron	57-2	25103.67	25102.54	24601.98	24936.06	1.16	ppb
Iron	54-2	25314.32	25311.10	24891.39	25172.27	0.97	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03ARE	Instrumnet Name :	P8
Client Sample ID :	MW-106SARE	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:12:06	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	460.08	473.24	454.85	462.72	2.05	ppb
Lead	207-1	461.98	473.85	462.48	466.10	1.44	ppb
Lead	208-1	471.70	489.59	477.27	479.52	1.91	ppb
Lithium	6-1				124		%
Magnesium	24-2	95336.62	95841.30	93054.19	94744.03	1.57	ppb
Manganese	55-2	1243.96	1244.48	1226.21	1238.22	0.84	ppb
Molybdenum	94-1	2347.24	2425.82	2340.66	2371.24	2.00	ppb
Molybdenum	95-1	2370.43	2485.42	2392.69	2416.18	2.52	ppb
Molybdenum	96-1	2340.85	2472.91	2370.56	2394.77	2.89	ppb
Molybdenum	97-1	2410.82	2536.43	2414.80	2454.02	2.91	ppb
Molybdenum	98-1	2391.43	2499.75	2408.72	2433.30	2.39	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	472.99	475.81	469.24	472.68	0.70	ppb
Phosphorus	31-2	91.37	40.10	29.47	53.64	61.71	ppb
Potassium	39-2	50978.57	51459.49	49849.46	50762.51	1.63	ppb
Rhodium	103-1				117		%
Rhodium	103-2				113		%
Scandium	45-1				126		%
Scandium	45-2				109		%
Selenium	77-2	439.15	445.05	483.88	456.03	5.33	ppb
Selenium	78-2	439.66	458.04	452.46	450.05	2.09	ppb
Selenium	82-1	449.86	472.42	448.85	457.04	2.92	ppb
Silicon	28-1	10225.83	10292.38	10170.00	10229.40	0.60	ppb
Silver	109-1	425.90	498.73	431.52	452.05	8.96	ppb
Silver	107-1	420.25	458.13	453.21	443.86	4.64	ppb
Sodium	23-2	404066.22	407700.40	404915.19	405560.60	0.47	ppb
Strontium	86-1	1712.44	1793.65	1720.73	1742.27	2.56	ppb
Strontium	88-1	1698.16	1761.54	1745.61	1735.11	1.90	ppb
Sulfur	34-1	22418.16	21802.30	21056.48	21758.98	3.13	ppb
Terbium	159-1				126		%
Terbium	159-2				125		%
Thallium	205-1	467.30	481.59	468.50	472.47	1.68	ppb
Thallium	203-1	457.86	464.49	452.85	458.40	1.27	ppb
Tin	118-1	470.54	486.67	479.33	478.85	1.69	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03ARE	Instrumnet Name :	P8
Client Sample ID :	MW-106SARE	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:12:06	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2365.85	2392.73	2392.17	2383.58	0.64	ppb
Uranium	238-1	485.71	518.55	496.84	500.37	3.34	ppb
Vanadium	51-2	484.88	483.04	480.21	482.71	0.49	ppb
Yttrium	89-1				120		%
Yttrium	89-2				114		%
Zinc	66-2	982.03	1000.09	966.08	982.73	1.73	ppb
Zirconium	90-1	461.13	480.87	469.20	470.40	2.11	ppb
Zirconium	91-1	451.29	471.28	451.00	457.86	2.54	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-105DDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:14:54	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.80	19.86	16.02	17.89	10.76	ppb
Antimony	121-1	0.36	0.38	0.44	0.39	9.80	ppb
Arsenic	75-2	0.16	0.20	0.07	0.14	48.99	ppb
Barium	135-1	9.29	8.94	10.18	9.47	6.75	ppb
Barium	137-1	9.25	9.40	9.50	9.39	1.35	ppb
Beryllium	9-1	0.27	0.24	0.25	0.25	5.79	ppb
Bismuth	209-1				118		%
Bismuth	209-2				120		%
Boron	11-1	365.28	377.50	415.62	386.13	6.80	ppb
Boron	10-1	366.91	363.76	409.27	379.98	6.69	ppb
Bromine	81-1						cps
Cadmium	106-1	-23.62	-19.05	-19.44	-20.70		ppb
Cadmium	108-1	0.13	0.43	0.09	0.22	84.16	ppb
Cadmium	111-1	-0.06	0.00	-0.02	-0.03		ppb
Calcium	43-1	17015.97	17709.95	19365.94	18030.62	6.70	ppb
Calcium	44-1	16978.57	17665.25	19444.56	18029.46	7.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.40	0.40	0.39	5.03	ppb
Cobalt	59-2	0.27	0.24	0.19	0.23	17.58	ppb
Copper	63-2	1.34	1.24	1.16	1.25	7.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				122		%
Holmium	165-2				123		%
Indium	115-1				116		%
Indium	115-2				112		%
Iron	56-2	611.36	599.78	583.97	598.37	2.30	ppb
Iron	57-2	609.67	588.83	596.46	598.32	1.76	ppb
Iron	54-2	598.06	611.34	674.13	627.84	6.47	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-105DDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:14:54	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.81	0.94	1.00	0.91	10.68	ppb
Lead	207-1	0.77	0.79	0.75	0.77	2.15	ppb
Lead	208-1	0.83	0.80	0.86	0.83	3.93	ppb
Lithium	6-1				118		%
Magnesium	24-2	43307.16	41953.52	40812.82	42024.50	2.97	ppb
Manganese	55-2	226.47	223.60	219.44	223.17	1.58	ppb
Molybdenum	94-1	1.36	1.54	1.32	1.41	8.32	ppb
Molybdenum	95-1	1.63	1.66	1.55	1.61	3.59	ppb
Molybdenum	96-1	1.76	1.44	1.61	1.60	9.86	ppb
Molybdenum	97-1	1.94	1.41	1.60	1.65	16.06	ppb
Molybdenum	98-1	1.73	1.60	1.44	1.59	9.01	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.42	0.38	0.42	0.41	5.12	ppb
Phosphorus	31-2	-74.98	-56.10	-103.58	-78.22		ppb
Potassium	39-2	21511.83	21424.25	20677.12	21204.40	2.16	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				117		%
Scandium	45-2				106		%
Selenium	77-2	1.35	1.36	1.34	1.35	1.07	ppb
Selenium	78-2	-2.05	-3.49	-1.73	-2.42		ppb
Selenium	82-1	3.01	-3.38	2.55	0.73	488.89	ppb
Silicon	28-1	374.99	393.05	462.73	410.26	11.29	ppb
Silver	109-1	0.42	0.29	0.26	0.32	26.39	ppb
Silver	107-1	0.30	0.29	0.91	0.50	71.56	ppb
Sodium	23-2	398904.19	393318.75	381468.46	391230.47	2.28	ppb
Strontium	86-1	308.77	322.92	346.23	325.97	5.80	ppb
Strontium	88-1	321.96	331.89	359.48	337.78	5.75	ppb
Sulfur	34-1	27276.52	27531.46	33735.66	29514.55	12.39	ppb
Terbium	159-1				119		%
Terbium	159-2				122		%
Thallium	205-1	0.24	0.22	0.25	0.24	6.90	ppb
Thallium	203-1	0.30	0.21	0.21	0.24	21.19	ppb
Tin	118-1	0.25	0.23	0.17	0.21	20.11	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-105DDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:14:54	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.40	1.37	1.12	1.30	12.08	ppb
Uranium	238-1	0.80	0.73	0.83	0.79	6.80	ppb
Vanadium	51-2	0.34	0.32	0.27	0.31	10.65	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	73.41	70.67	70.02	71.36	2.52	ppb
Zirconium	90-1	0.18	0.15	0.13	0.15	14.22	ppb
Zirconium	91-1	0.19	0.14	0.15	0.16	18.16	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL	Dilution Factor :	20
Date & Time Acquired ::	2021-03-25 14:17:45	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.35	3.13	1.88	3.12	39.62	ppb
Antimony	121-1	0.08	0.09	0.07	0.08	14.18	ppb
Arsenic	75-2	0.19	0.04	0.06	0.10	82.83	ppb
Barium	135-1	3.94	3.76	4.20	3.97	5.64	ppb
Barium	137-1	4.60	4.02	4.37	4.33	6.76	ppb
Beryllium	9-1	0.07	0.08	0.12	0.09	28.64	ppb
Bismuth	209-1				124		%
Bismuth	209-2				122		%
Boron	11-1	239.09	254.31	268.02	253.81	5.70	ppb
Boron	10-1	233.30	251.92	265.06	250.10	6.38	ppb
Bromine	81-1						cps
Cadmium	106-1	-18.65	-21.28	-18.93	-19.62		ppb
Cadmium	108-1	0.21	-0.33	-0.33	-0.15		ppb
Cadmium	111-1	-0.22	-0.20	-0.18	-0.20		ppb
Calcium	43-1	7736.79	7621.87	7671.45	7676.70	0.75	ppb
Calcium	44-1	7769.52	7716.04	7793.25	7759.60	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.17	0.06	0.11	52.31	ppb
Cobalt	59-2	0.16	0.14	0.10	0.13	21.84	ppb
Copper	63-2	0.75	0.70	0.64	0.70	8.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				124		%
Holmium	165-2				122		%
Indium	115-1				120		%
Indium	115-2				111		%
Iron	56-2	268.27	250.25	240.84	253.12	5.51	ppb
Iron	57-2	257.82	245.44	236.74	246.67	4.29	ppb
Iron	54-2	268.69	240.67	240.63	250.00	6.47	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL	Dilution Factor :	20
Date & Time Acquired ::	2021-03-25 14:17:45	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.30	0.29	0.35	0.32	10.27	ppb
Lead	207-1	0.23	0.21	0.32	0.25	23.22	ppb
Lead	208-1	0.27	0.26	0.30	0.28	8.09	ppb
Lithium	6-1				122		%
Magnesium	24-2	32709.80	30346.19	30313.49	31123.16	4.42	ppb
Manganese	55-2	170.44	157.33	154.03	160.60	5.41	ppb
Molybdenum	94-1	0.36	0.26	0.33	0.32	15.67	ppb
Molybdenum	95-1	0.28	0.26	0.31	0.29	9.30	ppb
Molybdenum	96-1	0.28	0.24	0.27	0.26	7.09	ppb
Molybdenum	97-1	0.38	0.26	0.14	0.26	45.25	ppb
Molybdenum	98-1	0.25	0.29	0.28	0.27	8.03	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.31	0.16	0.22	0.23	33.27	ppb
Phosphorus	31-2	-129.35	-73.64	-93.66	-98.88		ppb
Potassium	39-2	10591.92	9858.86	9568.72	10006.50	5.27	ppb
Rhodium	103-1				115		%
Rhodium	103-2				112		%
Scandium	45-1				122		%
Scandium	45-2				107		%
Selenium	77-2	1.44	3.48	-0.78	1.38	154.50	ppb
Selenium	78-2	-2.82	-3.00	-2.47	-2.76		ppb
Selenium	82-1	5.66	4.08	3.12	4.29	29.97	ppb
Silicon	28-1	174.06	195.16	172.67	180.63	6.98	ppb
Silver	109-1	0.09	0.09	0.08	0.09	6.90	ppb
Silver	107-1	0.09	0.19	0.06	0.11	62.49	ppb
Sodium	23-2	300139.65	283185.53	272859.84	285395.00	4.83	ppb
Strontium	86-1	168.87	168.97	170.58	169.47	0.57	ppb
Strontium	88-1	176.43	177.84	177.26	177.18	0.40	ppb
Sulfur	34-1	10703.37	10639.93	10618.93	10654.08	0.41	ppb
Terbium	159-1				125		%
Terbium	159-2				122		%
Thallium	205-1	-0.02	0.00	0.00	-0.01		ppb
Thallium	203-1	-0.01	0.01	0.02	0.00	385.64	ppb
Tin	118-1	0.02	-0.02	-0.01	0.00		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL	Dilution Factor :	20
Date & Time Acquired ::	2021-03-25 14:17:45	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.12	0.11	0.32	0.18	64.63	ppb
Uranium	238-1	1.69	1.63	1.67	1.66	1.78	ppb
Vanadium	51-2	0.06	0.04	0.09	0.06	42.51	ppb
Yttrium	89-1				118		%
Yttrium	89-2				110		%
Zinc	66-2	15.76	14.75	14.04	14.85	5.82	ppb
Zirconium	90-1	0.09	0.03	0.04	0.06	56.30	ppb
Zirconium	91-1	0.07	0.02	0.07	0.05	59.53	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-12DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-104IDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:20:33	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.67	1.01	0.39	0.24	351.68	ppb
Antimony	121-1	0.07	0.08	0.05	0.06	26.72	ppb
Arsenic	75-2	0.08	0.14	0.17	0.13	34.47	ppb
Barium	135-1	4.48	4.84	4.77	4.69	4.00	ppb
Barium	137-1	4.94	4.83	5.25	5.01	4.35	ppb
Beryllium	9-1	0.07	0.05	0.07	0.07	18.69	ppb
Bismuth	209-1				125		%
Bismuth	209-2				126		%
Boron	11-1	83.08	80.98	79.10	81.06	2.45	ppb
Boron	10-1	83.90	81.95	77.26	81.04	4.21	ppb
Bromine	81-1						cps
Cadmium	106-1	-19.72	-16.07	-17.68	-17.82		ppb
Cadmium	108-1	0.12	-0.25	-0.25	-0.13		ppb
Cadmium	111-1	-0.21	-0.12	-0.16	-0.17		ppb
Calcium	43-1	1130.92	1176.22	1128.38	1145.18	2.35	ppb
Calcium	44-1	1103.59	1121.67	1067.53	1097.59	2.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.05	0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	146.60	ppb
Copper	63-2	1.50	1.62	1.81	1.64	9.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				124		%
Holmium	165-2				125		%
Indium	115-1				120		%
Indium	115-2				113		%
Iron	56-2	104.10	107.04	110.03	107.06	2.77	ppb
Iron	57-2	94.70	100.18	123.87	106.25	14.59	ppb
Iron	54-2	100.75	96.49	110.82	102.68	7.17	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-12DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-104IDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:20:33	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.53	0.57	0.51	0.54	5.99	ppb
Lead	207-1	0.44	0.40	0.40	0.41	5.00	ppb
Lead	208-1	0.48	0.50	0.49	0.49	1.76	ppb
Lithium	6-1				123		%
Magnesium	24-2	404.37	405.83	405.56	405.25	0.19	ppb
Manganese	55-2	4.01	3.70	4.53	4.08	10.24	ppb
Molybdenum	94-1	0.09	0.07	0.05	0.07	30.55	ppb
Molybdenum	95-1	0.08	0.09	0.05	0.07	23.94	ppb
Molybdenum	96-1	0.07	0.05	0.05	0.06	16.87	ppb
Molybdenum	97-1	0.20	0.06	0.04	0.10	89.11	ppb
Molybdenum	98-1	0.07	0.09	0.09	0.09	14.09	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.11	0.09	0.05	0.08	32.27	ppb
Phosphorus	31-2	-110.73	14.34	-66.67	-54.35		ppb
Potassium	39-2	2697.80	2723.92	2814.95	2745.55	2.24	ppb
Rhodium	103-1				118		%
Rhodium	103-2				115		%
Scandium	45-1				121		%
Scandium	45-2				107		%
Selenium	77-2	1.31	3.47	1.35	2.05	60.32	ppb
Selenium	78-2	-4.60	-1.51	-1.83	-2.65		ppb
Selenium	82-1	0.11	-4.60	0.88	-1.20		ppb
Silicon	28-1	-12.14	4.57	-15.49	-7.69		ppb
Silver	109-1	0.06	0.09	0.05	0.07	29.12	ppb
Silver	107-1	0.05	0.04	0.04	0.04	21.36	ppb
Sodium	23-2	1855.62	1837.02	1877.19	1856.61	1.08	ppb
Strontium	86-1	14.60	15.07	13.56	14.41	5.37	ppb
Strontium	88-1	15.54	15.81	15.46	15.60	1.17	ppb
Sulfur	34-1	-5002.65	-5370.19	-6331.40	-5568.08		ppb
Terbium	159-1				123		%
Terbium	159-2				123		%
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	203-1	0.00	0.01	0.00	0.00	374.01	ppb
Tin	118-1	-0.05	0.01	-0.04	-0.03		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-12DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-104IDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:20:33	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	-0.21	-0.01	-0.09		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	219.37	ppb
Vanadium	51-2	0.04	0.01	0.02	0.02	75.37	ppb
Yttrium	89-1				118		%
Yttrium	89-2				112		%
Zinc	66-2	8.43	8.78	8.37	8.53	2.58	ppb
Zirconium	90-1	-0.02	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.02	0.02	0.01	0.00	1495.82	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103DDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:23:24	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.68	6.48	4.95	6.04	15.74	ppb
Antimony	121-1	0.06	0.06	0.05	0.06	7.58	ppb
Arsenic	75-2	-0.03	-0.04	-0.05	-0.04		ppb
Barium	135-1	1.68	1.74	1.80	1.74	3.29	ppb
Barium	137-1	1.67	1.82	1.61	1.70	6.30	ppb
Beryllium	9-1	0.05	0.05	0.04	0.04	18.31	ppb
Bismuth	209-1				125		%
Bismuth	209-2				126		%
Boron	11-1	54.54	56.08	53.52	54.71	2.36	ppb
Boron	10-1	55.04	55.49	51.31	53.94	4.26	ppb
Bromine	81-1						cps
Cadmium	106-1	-16.14	-19.00	-18.53	-17.89		ppb
Cadmium	108-1	-0.09	-0.09	-0.17	-0.12		ppb
Cadmium	111-1	-0.14	-0.19	-0.18	-0.17		ppb
Calcium	43-1	641.57	668.02	644.54	651.38	2.22	ppb
Calcium	44-1	592.98	631.12	619.99	614.70	3.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.14	0.00	0.05	172.00	ppb
Cobalt	59-2	0.04	0.03	0.05	0.04	25.49	ppb
Copper	63-2	5.24	5.13	5.03	5.14	2.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				123		%
Holmium	165-2				123		%
Indium	115-1				118		%
Indium	115-2				113		%
Iron	56-2	687.33	670.45	662.76	673.52	1.87	ppb
Iron	57-2	694.46	688.37	679.87	687.57	1.07	ppb
Iron	54-2	668.12	669.69	647.14	661.65	1.90	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103DDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:23:24	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.39	1.34	1.21	1.31	6.84	ppb
Lead	207-1	1.15	1.25	1.10	1.17	6.65	ppb
Lead	208-1	1.21	1.21	1.20	1.21	0.29	ppb
Lithium	6-1				116		%
Magnesium	24-2	131.97	128.45	131.88	130.77	1.53	ppb
Manganese	55-2	17.03	16.52	16.48	16.68	1.85	ppb
Molybdenum	94-1	0.04	0.06	0.03	0.05	39.57	ppb
Molybdenum	95-1	0.05	0.08	0.04	0.06	32.76	ppb
Molybdenum	96-1	0.03	0.09	0.06	0.06	51.71	ppb
Molybdenum	97-1	0.03	0.10	0.06	0.07	56.52	ppb
Molybdenum	98-1	0.05	0.08	0.07	0.07	20.14	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.16	0.27	0.08	0.17	57.09	ppb
Phosphorus	31-2	42.06	-48.34	-85.80	-30.69		ppb
Potassium	39-2	769.31	757.28	735.56	754.05	2.27	ppb
Rhodium	103-1				115		%
Rhodium	103-2				113		%
Scandium	45-1				118		%
Scandium	45-2				107		%
Selenium	77-2	-0.78	-0.78	1.32	-0.08		ppb
Selenium	78-2	-2.74	-1.72	-2.93	-2.46		ppb
Selenium	82-1	-5.32	-4.83	2.94	-2.40		ppb
Silicon	28-1	-89.43	-59.29	-90.98	-79.90		ppb
Silver	109-1	0.03	0.02	0.02	0.03	13.83	ppb
Silver	107-1	0.03	0.02	0.01	0.02	55.73	ppb
Sodium	23-2	1239.05	1229.73	1215.50	1228.09	0.97	ppb
Strontium	86-1	10.88	11.30	10.88	11.02	2.22	ppb
Strontium	88-1	12.12	12.59	11.95	12.22	2.72	ppb
Sulfur	34-1	-5771.33	-4481.43	-4857.23	-5036.66		ppb
Terbium	159-1				121		%
Terbium	159-2				120		%
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	203-1	0.00	0.01	-0.01	0.00		ppb
Tin	118-1	0.01	0.00	-0.04	-0.01		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103DDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:23:24	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.22	0.43	0.25	67.93	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	89.81	ppb
Vanadium	51-2	0.05	0.04	0.03	0.04	26.70	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	19.14	19.27	19.37	19.26	0.60	ppb
Zirconium	90-1	-0.01	0.01	-0.02	0.00		ppb
Zirconium	91-1	-0.02	-0.01	0.02	0.00		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:47:15	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46214.50	48465.63	50641.54	48440.55	4.57	ppb
Antimony	121-1	483.27	485.21	459.54	476.01	3.00	ppb
Arsenic	75-2	443.04	473.41	481.45	465.97	4.35	ppb
Barium	135-1	2431.08	2517.56	2373.47	2440.70	2.97	ppb
Barium	137-1	2474.95	2523.57	2372.73	2457.08	3.13	ppb
Beryllium	9-1	522.91	527.29	523.97	524.72	0.44	ppb
Bismuth	209-1				122		%
Bismuth	209-2				123		%
Boron	11-1	475.47	519.30	539.66	511.48	6.41	ppb
Boron	10-1	474.63	519.80	543.26	512.56	6.81	ppb
Bromine	81-1						cps
Cadmium	106-1	491.75	468.36	472.63	477.58	2.61	ppb
Cadmium	108-1	505.31	504.45	473.00	494.26	3.73	ppb
Cadmium	111-1	504.61	513.65	476.34	498.20	3.91	ppb
Calcium	43-1	243539.63	249616.92	233567.64	242241.40	3.35	ppb
Calcium	44-1	239046.44	244567.85	230933.41	238182.57	2.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.00	499.89	519.14	497.68	4.55	ppb
Cobalt	59-2	472.42	490.22	511.09	491.24	3.94	ppb
Copper	63-2	4720.23	4925.05	5139.70	4928.33	4.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				127		%
Holmium	165-2				127		%
Indium	115-1				119		%
Indium	115-2				114		%
Iron	56-2	120279.26	127780.87	130205.34	126088.49	4.10	ppb
Iron	57-2	123573.14	128955.40	131747.66	128092.07	3.24	ppb
Iron	54-2	121416.56	128666.57	130095.92	126726.35	3.67	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:47:15	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2491.90	2527.00	2367.90	2462.27	3.39	ppb
Lead	207-1	2482.62	2497.97	2384.39	2454.99	2.51	ppb
Lead	208-1	2505.53	2497.65	2363.24	2455.47	3.26	ppb
Lithium	6-1				115		%
Magnesium	24-2	245393.06	257357.00	265271.69	256007.25	3.91	ppb
Manganese	55-2	4854.90	5109.26	5250.02	5071.40	3.95	ppb
Molybdenum	94-1	2406.11	2448.38	2346.08	2400.19	2.14	ppb
Molybdenum	95-1	2407.49	2452.04	2373.94	2411.16	1.62	ppb
Molybdenum	96-1	2450.71	2436.71	2354.66	2414.03	2.15	ppb
Molybdenum	97-1	2438.00	2413.91	2391.27	2414.39	0.97	ppb
Molybdenum	98-1	2427.76	2462.90	2432.78	2441.15	0.78	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	472.86	490.53	508.62	490.67	3.64	ppb
Phosphorus	31-2	9032.63	10188.98	10572.69	9931.43	8.07	ppb
Potassium	39-2	118504.85	122320.35	126815.85	122547.02	3.39	ppb
Rhodium	103-1				114		%
Rhodium	103-2				112		%
Scandium	45-1				123		%
Scandium	45-2				110		%
Selenium	77-2	403.88	485.57	487.50	458.98	10.40	ppb
Selenium	78-2	441.11	489.86	470.55	467.17	5.26	ppb
Selenium	82-1	463.50	461.20	450.31	458.34	1.54	ppb
Silicon	28-1	370.26	438.41	412.55	407.07	8.45	ppb
Silver	109-1	471.31	475.80	458.04	468.38	1.97	ppb
Silver	107-1	469.45	494.45	440.98	468.30	5.71	ppb
Sodium	23-2	241330.09	256299.27	263683.98	253771.12	4.49	ppb
Strontium	86-1	474.27	480.69	466.87	473.95	1.46	ppb
Strontium	88-1	483.31	494.19	475.75	484.42	1.91	ppb
Sulfur	34-1	4255.40	5128.67	1976.27	3786.78	42.98	ppb
Terbium	159-1				123		%
Terbium	159-2				124		%
Thallium	205-1	497.76	498.48	473.02	489.75	2.96	ppb
Thallium	203-1	484.64	495.63	465.67	481.98	3.14	ppb
Tin	118-1	480.42	479.89	458.56	472.96	2.64	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:47:15	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2376.67	2449.67	2348.80	2391.71	2.18	ppb
Uranium	238-1	519.79	522.00	489.05	510.28	3.61	ppb
Vanadium	51-2	474.45	492.78	519.92	495.72	4.62	ppb
Yttrium	89-1				119		%
Yttrium	89-2				115		%
Zinc	66-2	4617.41	4859.98	4983.50	4820.30	3.86	ppb
Zirconium	90-1	487.62	503.75	480.05	490.47	2.47	ppb
Zirconium	91-1	466.37	485.67	460.38	470.81	2.81	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:02:43	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-5.43	-3.96	-3.05	-4.15		ppb
Antimony	121-1	0.05	0.06	0.39	0.17	115.71	ppb
Arsenic	75-2	-0.06	-0.04	-0.01	-0.04		ppb
Barium	135-1	0.01	-0.02	1.68	0.56	175.27	ppb
Barium	137-1	0.03	0.02	1.50	0.52	163.80	ppb
Beryllium	9-1	0.02	0.06	0.09	0.06	61.96	ppb
Bismuth	209-1				123		%
Bismuth	209-2				125		%
Boron	11-1	16.49	15.92	15.80	16.07	2.29	ppb
Boron	10-1	16.79	17.18	15.01	16.32	7.09	ppb
Bromine	81-1						cps
Cadmium	106-1	-23.02	-18.89	-21.10	-21.00		ppb
Cadmium	108-1	0.08	-0.17	0.20	0.04	525.49	ppb
Cadmium	111-1	-0.26	-0.21	0.20	-0.09		ppb
Calcium	43-1	-32.61	-31.67	4.53	-19.92		ppb
Calcium	44-1	-88.05	-91.57	-66.76	-82.13		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.12	-0.02	-0.06		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.03	0.01	0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				123		%
Holmium	165-2				121		%
Indium	115-1				119		%
Indium	115-2				112		%
Iron	56-2	-2.91	-2.87	-2.77	-2.85		ppb
Iron	57-2	-7.42	-4.59	-4.05	-5.35		ppb
Iron	54-2	-3.17	-1.21	-4.58	-2.99		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:02:43	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.18	0.65	0.33	82.46	ppb
Lead	207-1	0.20	0.17	0.58	0.32	73.48	ppb
Lead	208-1	0.16	0.17	0.60	0.31	80.55	ppb
Lithium	6-1				115		%
Magnesium	24-2	-2.87	-3.66	-5.26	-3.93		ppb
Manganese	55-2	0.08	-0.02	0.01	0.02	239.07	ppb
Molybdenum	94-1	0.07	0.05	4.84	1.65	166.82	ppb
Molybdenum	95-1	0.04	0.01	4.86	1.64	170.62	ppb
Molybdenum	96-1	0.05	0.02	4.84	1.64	169.70	ppb
Molybdenum	97-1	0.09	0.03	5.11	1.74	167.33	ppb
Molybdenum	98-1	0.11	0.04	4.68	1.61	165.25	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.06	-0.13	-0.10	-0.10		ppb
Phosphorus	31-2	-56.01	-75.33	-120.53	-83.96		ppb
Potassium	39-2	-81.59	-57.33	-69.99	-69.63		ppb
Rhodium	103-1				117		%
Rhodium	103-2				114		%
Scandium	45-1				118		%
Scandium	45-2				106		%
Selenium	77-2	-0.78	5.60	3.47	2.76	117.62	ppb
Selenium	78-2	-3.27	-3.57	-3.39	-3.41		ppb
Selenium	82-1	-1.10	-4.36	-2.80	-2.75		ppb
Silicon	28-1	-132.09	-161.02	-178.65	-157.25		ppb
Silver	109-1	0.03	0.01	0.52	0.19	155.76	ppb
Silver	107-1	0.00	0.01	0.08	0.03	157.01	ppb
Sodium	23-2	167.73	153.63	151.04	157.47	5.70	ppb
Strontium	86-1	-0.94	-0.86	0.33	-0.49		ppb
Strontium	88-1	-0.01	-0.01	2.14	0.71	175.78	ppb
Sulfur	34-1	-5249.48	-7160.99	-7406.53	-6605.67		ppb
Terbium	159-1				120		%
Terbium	159-2				121		%
Thallium	205-1	-0.02	-0.02	0.10	0.02	337.35	ppb
Thallium	203-1	0.00	0.02	0.11	0.04	136.91	ppb
Tin	118-1	-0.03	0.01	0.37	0.12	189.53	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:02:43	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	-0.44	-0.17	-0.22		ppb
Uranium	238-1	0.00	0.00	0.12	0.04	190.70	ppb
Vanadium	51-2	-0.01	0.01	0.01	0.00	776.33	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	0.07	0.21	0.35	0.21	64.55	ppb
Zirconium	90-1	-0.01	0.00	0.91	0.30	176.19	ppb
Zirconium	91-1	-0.02	0.01	1.00	0.33	176.56	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-18	Instrumnet Name :	P8
Client Sample ID :	FB-03232021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:05:46	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.49	3.68	0.94	2.04	71.14	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	27.51	ppb
Arsenic	75-2	-0.06	-0.03	-0.05	-0.05		ppb
Barium	135-1	0.06	0.15	0.18	0.13	45.45	ppb
Barium	137-1	0.10	0.07	0.07	0.08	21.41	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	9.01	ppb
Bismuth	209-1				125		%
Bismuth	209-2				126		%
Boron	11-1	13.16	13.52	13.27	13.32	1.39	ppb
Boron	10-1	14.49	13.50	14.00	14.00	3.56	ppb
Bromine	81-1						cps
Cadmium	106-1	-22.80	-20.28	-17.44	-20.17		ppb
Cadmium	108-1	-0.25	0.05	-0.17	-0.12		ppb
Cadmium	111-1	-0.24	-0.22	-0.18	-0.21		ppb
Calcium	43-1	-14.25	-18.30	-22.59	-18.38		ppb
Calcium	44-1	-77.26	-78.33	-76.29	-77.30		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.03	0.04	0.10	113.59	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.02	-0.04	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				125		%
Holmium	165-2				123		%
Indium	115-1				122		%
Indium	115-2				113		%
Iron	56-2	5.90	5.39	5.13	5.47	7.16	ppb
Iron	57-2	1.81	4.41	1.47	2.56	62.79	ppb
Iron	54-2	5.44	7.55	4.28	5.75	28.80	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-18	Instrumnet Name :	P8
Client Sample ID :	FB-03232021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:05:46	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.16	0.24	0.21	19.78	ppb
Lead	207-1	0.13	0.14	0.08	0.12	24.61	ppb
Lead	208-1	0.17	0.16	0.17	0.16	4.41	ppb
Lithium	6-1				118		%
Magnesium	24-2	-0.03	3.34	2.95	2.09	88.26	ppb
Manganese	55-2	0.55	0.58	0.61	0.58	4.86	ppb
Molybdenum	94-1	0.06	0.01	0.04	0.04	76.17	ppb
Molybdenum	95-1	0.03	-0.01	0.01	0.01	166.83	ppb
Molybdenum	96-1	0.02	-0.01	0.00	0.01	269.65	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.03	28.20	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	34.57	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.08	-0.08	-0.01	-0.06		ppb
Phosphorus	31-2	-79.02	-65.27	-122.11	-88.80		ppb
Potassium	39-2	-74.87	-63.47	-83.78	-74.04		ppb
Rhodium	103-1				118		%
Rhodium	103-2				115		%
Scandium	45-1				121		%
Scandium	45-2				108		%
Selenium	77-2	1.26	-0.78	3.45	1.31	161.66	ppb
Selenium	78-2	-0.63	-0.96	-3.79	-1.79		ppb
Selenium	82-1	2.82	-0.31	-6.73	-1.41		ppb
Silicon	28-1	-167.82	-171.65	-161.95	-167.14		ppb
Silver	109-1	0.01	0.01	0.00	0.01	61.08	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	185.05	170.27	174.76	176.69	4.29	ppb
Strontium	86-1	-1.83	-0.96	-0.83	-1.21		ppb
Strontium	88-1	0.10	0.12	0.10	0.11	9.29	ppb
Sulfur	34-1	-7586.57	-7349.73	-7010.79	-7315.70		ppb
Terbium	159-1				122		%
Terbium	159-2				121		%
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	203-1	0.01	0.01	0.01	0.01	5.55	ppb
Tin	118-1	0.02	0.01	0.03	0.02	54.50	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-18	Instrumnet Name :	P8
Client Sample ID :	FB-03232021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:05:46	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.17	-0.14	-0.05	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	98.52	ppb
Yttrium	89-1				119		%
Yttrium	89-2				114		%
Zinc	66-2	1.06	1.07	0.89	1.01	9.75	ppb
Zirconium	90-1	-0.02	0.00	-0.01	-0.01		ppb
Zirconium	91-1	-0.02	0.00	0.03	0.01	453.22	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03A	Instrumnet Name :	P8
Client Sample ID :	MW-106SA	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:08:37	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10015.49	10077.55	9950.47	10014.50	0.63	ppb
Antimony	121-1	467.20	508.04	492.20	489.15	4.21	ppb
Arsenic	75-2	465.94	470.99	465.91	467.61	0.63	ppb
Barium	135-1	2608.11	2768.50	2755.92	2710.84	3.29	ppb
Barium	137-1	2595.16	2785.76	2779.52	2720.15	3.98	ppb
Beryllium	9-1	507.12	534.47	516.38	519.32	2.68	ppb
Bismuth	209-1				120		%
Bismuth	209-2				129		%
Boron	11-1	889.65	1029.51	1062.49	993.88	9.23	ppb
Boron	10-1	887.01	1031.11	1069.99	996.04	9.68	ppb
Bromine	81-1						cps
Cadmium	106-1	452.42	476.51	467.10	465.35	2.61	ppb
Cadmium	108-1	445.19	476.02	468.49	463.23	3.47	ppb
Cadmium	111-1	450.25	485.79	482.33	472.79	4.14	ppb
Calcium	43-1	217613.35	232693.78	226427.48	225578.20	3.36	ppb
Calcium	44-1	211328.40	229942.82	220760.65	220677.29	4.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	472.35	472.56	464.27	469.72	1.01	ppb
Cobalt	59-2	474.42	476.27	467.94	472.88	0.92	ppb
Copper	63-2	1002.38	993.22	988.22	994.61	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				125		%
Holmium	165-2				130		%
Indium	115-1				116		%
Indium	115-2				117		%
Iron	56-2	25165.60	25340.46	24923.88	25143.31	0.83	ppb
Iron	57-2	25482.80	25144.12	24985.95	25204.29	1.01	ppb
Iron	54-2	25483.64	25463.01	24875.22	25273.96	1.37	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03A	Instrumnet Name :	P8
Client Sample ID :	MW-106SA	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:08:37	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	477.37	523.45	490.09	496.97	4.79	ppb
Lead	207-1	472.47	522.31	496.24	497.01	5.02	ppb
Lead	208-1	486.27	527.67	508.44	507.46	4.08	ppb
Lithium	6-1				115		%
Magnesium	24-2	95326.04	94590.20	95387.67	95101.30	0.47	ppb
Manganese	55-2	1243.40	1240.45	1230.84	1238.23	0.53	ppb
Molybdenum	94-1	2427.76	2589.18	2471.75	2496.23	3.34	ppb
Molybdenum	95-1	2429.06	2570.33	2538.65	2512.68	2.95	ppb
Molybdenum	96-1	2413.22	2592.77	2534.39	2513.46	3.64	ppb
Molybdenum	97-1	2448.74	2589.60	2557.75	2532.03	2.92	ppb
Molybdenum	98-1	2412.70	2609.81	2585.82	2536.11	4.24	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	467.44	468.26	462.74	466.15	0.64	ppb
Phosphorus	31-2	43.94	21.19	115.61	60.24	81.79	ppb
Potassium	39-2	51885.91	51015.45	50887.76	51263.04	1.06	ppb
Rhodium	103-1				113		%
Rhodium	103-2				116		%
Scandium	45-1				120		%
Scandium	45-2				113		%
Selenium	77-2	396.73	504.66	459.83	453.74	11.95	ppb
Selenium	78-2	445.40	427.12	453.73	442.08	3.08	ppb
Selenium	82-1	467.15	491.67	484.89	481.24	2.63	ppb
Silicon	28-1	10589.29	11046.74	10921.13	10852.39	2.18	ppb
Silver	109-1	489.68	357.84	249.08	365.54	32.96	ppb
Silver	107-1	290.65	355.45	265.34	303.81	15.30	ppb
Sodium	23-2	401693.30	399168.29	400892.21	400584.60	0.32	ppb
Strontium	86-1	1723.02	1862.59	1784.28	1789.96	3.91	ppb
Strontium	88-1	1728.75	1874.94	1827.31	1810.33	4.12	ppb
Sulfur	34-1	23594.77	26194.42	25936.62	25241.94	5.67	ppb
Terbium	159-1				121		%
Terbium	159-2				129		%
Thallium	205-1	479.63	526.86	492.79	499.76	4.88	ppb
Thallium	203-1	466.98	508.57	494.15	489.90	4.31	ppb
Tin	118-1	486.10	527.18	507.94	507.07	4.05	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03A	Instrumnet Name :	P8
Client Sample ID :	MW-106SA	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:08:37	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2404.37	2640.43	2606.32	2550.37	5.00	ppb
Uranium	238-1	490.35	537.19	514.68	514.07	4.56	ppb
Vanadium	51-2	485.91	491.49	480.07	485.82	1.18	ppb
Yttrium	89-1				117		%
Yttrium	89-2				119		%
Zinc	66-2	983.57	971.94	978.11	977.87	0.60	ppb
Zirconium	90-1	473.09	514.34	495.56	494.33	4.18	ppb
Zirconium	91-1	461.43	492.80	483.65	479.29	3.37	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:12:48	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48785.41	48928.27	47682.69	48465.46	1.41	ppb
Antimony	121-1	479.78	479.24	479.79	479.60	0.06	ppb
Arsenic	75-2	468.54	463.26	459.49	463.76	0.98	ppb
Barium	135-1	2506.36	2444.68	2491.97	2481.00	1.30	ppb
Barium	137-1	2451.71	2477.28	2506.33	2478.44	1.10	ppb
Beryllium	9-1	521.40	525.37	524.75	523.84	0.41	ppb
Bismuth	209-1				121		%
Bismuth	209-2				124		%
Boron	11-1	516.29	556.23	577.65	550.06	5.66	ppb
Boron	10-1	518.48	562.59	587.58	556.22	6.29	ppb
Bromine	81-1						cps
Cadmium	106-1	490.73	479.16	497.95	489.28	1.94	ppb
Cadmium	108-1	492.89	500.50	495.25	496.22	0.78	ppb
Cadmium	111-1	506.13	502.67	516.86	508.55	1.45	ppb
Calcium	43-1	249866.33	245040.16	249279.20	248061.89	1.06	ppb
Calcium	44-1	241354.09	242540.63	244825.84	242906.85	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.31	492.92	482.73	491.65	1.70	ppb
Cobalt	59-2	495.68	497.19	481.62	491.50	1.75	ppb
Copper	63-2	4995.46	4963.08	4895.37	4951.30	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				126		%
Holmium	165-2				126		%
Indium	115-1				119		%
Indium	115-2				114		%
Iron	56-2	127516.34	128199.32	123037.97	126251.21	2.22	ppb
Iron	57-2	129938.80	129909.95	125348.84	128399.20	2.06	ppb
Iron	54-2	128088.21	127270.88	123523.53	126294.21	1.93	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:12:48	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2550.55	2479.91	2550.60	2527.02	1.61	ppb
Lead	207-1	2535.55	2433.70	2515.43	2494.90	2.16	ppb
Lead	208-1	2546.25	2461.66	2544.40	2517.44	1.92	ppb
Lithium	6-1				118		%
Magnesium	24-2	260392.99	257654.56	249276.38	255774.64	2.26	ppb
Manganese	55-2	5187.18	5145.09	4984.98	5105.75	2.09	ppb
Molybdenum	94-1	2505.66	2434.52	2464.77	2468.32	1.45	ppb
Molybdenum	95-1	2492.94	2474.61	2538.87	2502.14	1.32	ppb
Molybdenum	96-1	2487.09	2457.88	2499.53	2481.50	0.86	ppb
Molybdenum	97-1	2498.62	2441.71	2552.58	2497.64	2.22	ppb
Molybdenum	98-1	2484.94	2490.16	2573.50	2516.20	1.97	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	493.27	491.70	474.78	486.58	2.11	ppb
Phosphorus	31-2	9741.04	9565.67	9840.38	9715.70	1.43	ppb
Potassium	39-2	124298.21	124324.15	120885.82	123169.39	1.61	ppb
Rhodium	103-1				114		%
Rhodium	103-2				112		%
Scandium	45-1				122		%
Scandium	45-2				111		%
Selenium	77-2	536.50	471.76	427.32	478.53	11.47	ppb
Selenium	78-2	449.27	466.34	454.71	456.77	1.91	ppb
Selenium	82-1	474.08	465.71	479.40	473.06	1.46	ppb
Silicon	28-1	373.20	453.86	481.72	436.26	12.92	ppb
Silver	109-1	482.22	478.59	481.86	480.89	0.42	ppb
Silver	107-1	474.84	465.93	469.97	470.25	0.95	ppb
Sodium	23-2	259216.42	254769.65	244920.12	252968.73	2.89	ppb
Strontium	86-1	495.94	487.18	498.11	493.74	1.17	ppb
Strontium	88-1	506.68	499.02	506.79	504.16	0.88	ppb
Sulfur	34-1	3021.87	4540.83	3670.47	3744.39	20.36	ppb
Terbium	159-1				123		%
Terbium	159-2				126		%
Thallium	205-1	499.93	483.77	508.64	497.45	2.54	ppb
Thallium	203-1	492.78	474.02	499.50	488.77	2.70	ppb
Tin	118-1	483.29	474.57	480.12	479.32	0.92	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:12:48	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2419.49	2480.85	2492.41	2464.25	1.59	ppb
Uranium	238-1	537.94	512.38	543.07	531.13	3.10	ppb
Vanadium	51-2	503.44	503.00	485.46	497.30	2.06	ppb
Yttrium	89-1				118		%
Yttrium	89-2				117		%
Zinc	66-2	4882.05	4876.60	4714.23	4824.29	1.98	ppb
Zirconium	90-1	499.59	495.58	511.22	502.13	1.62	ppb
Zirconium	91-1	486.05	475.25	484.89	482.07	1.23	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:19:40	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.80	-2.00	-3.46	-3.42		ppb
Antimony	121-1	0.08	0.07	0.06	0.07	15.02	ppb
Arsenic	75-2	-0.06	-0.02	-0.02	-0.03		ppb
Barium	135-1	0.02	0.01	0.04	0.02	85.62	ppb
Barium	137-1	0.03	0.02	0.00	0.02	84.77	ppb
Beryllium	9-1	0.07	0.08	0.08	0.08	8.86	ppb
Bismuth	209-1				122		%
Bismuth	209-2				125		%
Boron	11-1	38.07	38.77	36.48	37.77	3.11	ppb
Boron	10-1	39.78	39.83	38.13	39.25	2.46	ppb
Bromine	81-1						cps
Cadmium	106-1	-22.33	-19.71	-21.05	-21.03		ppb
Cadmium	108-1	-0.01	-0.01	-0.17	-0.07		ppb
Cadmium	111-1	-0.25	-0.19	-0.22	-0.22		ppb
Calcium	43-1	-30.73	-27.14	-31.19	-29.68		ppb
Calcium	44-1	-92.04	-87.25	-88.60	-89.30		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.03	-0.03	-0.03		ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	0.06	0.00	0.00	0.02	192.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				122		%
Holmium	165-2				121		%
Indium	115-1				119		%
Indium	115-2				112		%
Iron	56-2	-1.77	-2.34	-1.80	-1.97		ppb
Iron	57-2	-5.59	-7.09	-7.49	-6.73		ppb
Iron	54-2	-0.46	-0.27	-1.08	-0.60		ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:19:40	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.31	0.29	0.28	12.88	ppb
Lead	207-1	0.26	0.27	0.25	0.26	4.79	ppb
Lead	208-1	0.25	0.27	0.27	0.27	3.60	ppb
Lithium	6-1				114		%
Magnesium	24-2	-2.84	-1.94	-4.26	-3.01		ppb
Manganese	55-2	-0.02	-0.04	-0.01	-0.02		ppb
Molybdenum	94-1	0.08	0.13	0.07	0.10	34.84	ppb
Molybdenum	95-1	0.15	0.09	0.08	0.11	36.11	ppb
Molybdenum	96-1	0.15	0.05	0.07	0.09	57.73	ppb
Molybdenum	97-1	0.18	0.08	0.09	0.12	45.20	ppb
Molybdenum	98-1	0.18	0.08	0.10	0.12	45.15	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.10	-0.09	-0.09	-0.09		ppb
Phosphorus	31-2	-58.71	-24.04	-175.79	-86.18		ppb
Potassium	39-2	-60.45	-61.46	-68.60	-63.50		ppb
Rhodium	103-1				114		%
Rhodium	103-2				115		%
Scandium	45-1				119		%
Scandium	45-2				106		%
Selenium	77-2	-0.78	-0.78	-0.78	-0.78		ppb
Selenium	78-2	-1.91	-2.14	-2.60	-2.22		ppb
Selenium	82-1	-4.19	-0.31	-7.07	-3.86		ppb
Silicon	28-1	-178.94	-156.22	-177.16	-170.78		ppb
Silver	109-1	0.07	0.04	0.04	0.05	37.71	ppb
Silver	107-1	0.04	0.06	0.04	0.05	28.21	ppb
Sodium	23-2	187.48	196.37	187.24	190.36	2.73	ppb
Strontium	86-1	-0.55	-1.00	-0.54	-0.70		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-8420.17	-6441.47	-7301.24	-7387.62		ppb
Terbium	159-1				120		%
Terbium	159-2				120		%
Thallium	205-1	0.01	0.01	0.01	0.01	27.39	ppb
Thallium	203-1	0.01	0.04	0.02	0.02	56.63	ppb
Tin	118-1	0.03	0.00	-0.01	0.01	223.09	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:19:40	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.22	-0.31	-0.30	-0.28		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	6287.79	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	80.86	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	0.26	0.41	0.14	0.27	50.68	ppb
Zirconium	90-1	-0.01	-0.02	0.00	-0.01		ppb
Zirconium	91-1	0.04	-0.01	0.03	0.02	148.23	ppb

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:38:34	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	391	400	371	387	3.80	cps
Antimony	121-1	25	33	17	25	33.32	cps
Arsenic	75-2	16	9	10	12	32.45	cps
Barium	135-1	0	8	25	11	114.58	cps
Barium	137-1	50	0	25	25	100.00	cps
Beryllium	9-1	28	42	28	33	24.75	cps
Bismuth	209-1	2805577	2793145	2751134	2783285	1.03	cps
Bismuth	209-2	1689071	1711736	1723704	1708170	1.03	cps
Boron	11-1	366	320	306	331	9.49	cps
Boron	10-1	72	92	100	88	16.39	cps
Bromine	81-1	6839	6689	6408	6645	3.29	cps
Cadmium	106-1	3926	4051	3717	3898	4.32	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Cadmium	111-1	385	399	385	390	2.04	cps
Calcium	43-1	474	490	441	468	5.30	cps
Calcium	44-1	21763	21461	21602	21609	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	683	623	593	633	7.24	cps
Cobalt	59-2	50	33	67	50	33.34	cps
Copper	63-2	523	520	483	509	4.36	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-2	30	10	17	19	53.91	cps
Gadolinium	160-1	75	100	100	92	15.75	cps
Holmium	165-1	4901507	4994780	5096239	4997509	1.95	cps
Holmium	165-2	2503559	2488714	2546352	2512875	1.19	cps
Indium	115-1	4969700	5001550	5068215	5013155	1.00	cps
Indium	115-2	833051	836881	843319	837751	0.62	cps
Iron	56-2	4167	4162	3978	4103	2.62	cps
Iron	57-2	144	222	239	202	24.97	cps
Iron	54-2	556	544	433	511	13.22	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:38:34	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4881	4638	4597	4705	3.26	cps
Lead	206-1	89	89	100	93	6.93	cps
Lead	207-1	117	161	117	131	19.51	cps
Lead	208-1	467	528	544	513	7.98	cps
Lithium	6-1	2468341	2485558	2542584	2498828	1.56	cps
Magnesium	24-2	758	583	892	744	20.77	cps
Manganese	55-2	73	60	73	69	11.17	cps
Molybdenum	94-1	125	150	100	125	20.00	cps
Molybdenum	95-1	33	50	50	44	21.66	cps
Molybdenum	96-1	42	125	58	75	58.80	cps
Molybdenum	97-1	17	0	8	8	100.02	cps
Molybdenum	98-1	17	25	25	22	21.64	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Neodymium	150-1	13	0	27	13	100.01	cps
Nickel	60-2	83	70	77	77	8.69	cps
Phosphorus	31-2	458	375	400	411	10.40	cps
Potassium	39-2	28145	27627	28337	28036	1.31	cps
Rhodium	103-1	4969582	4983109	4983734	4978809	0.16	cps
Rhodium	103-2	2313396	2374567	2382955	2356973	1.61	cps
Scandium	45-1	3513874	3417281	3479633	3470263	1.41	cps
Scandium	45-2	140420	139180	139774	139792	0.44	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	49	58	55	54	8.48	cps
Selenium	82-1	-32	-70	238	45	370.47	cps
Silicon	28-1	1275218	1279045	1262138	1272134	0.70	cps
Silver	109-1	17	0	8	8	100.02	cps
Silver	107-1	75	50	50	58	24.74	cps
Sodium	23-2	27468	27067	26541	27026	1.72	cps
Strontium	86-1	7344	7361	7319	7341	0.29	cps
Strontium	88-1	117	117	167	133	21.65	cps
Sulfur	34-1	471715	472844	473991	472850	0.24	cps
Terbium	159-1	5303485	5408526	5421249	5377753	1.20	cps
Terbium	159-2	2564238	2532710	2541810	2546252	0.64	cps
Thallium	205-1	200	208	142	183	19.81	cps
Thallium	203-1	58	67	33	53	32.88	cps
Tin	118-1	258	208	200	222	14.20	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:38:34	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	308	375	319	15.94	cps
Uranium	238-1	8	33	25	22	57.29	cps
Vanadium	51-2	0	3	13	6	124.93	cps
Yttrium	89-1	11993191	11913026	11830552	11912256	0.68	cps
Yttrium	89-2	1319038	1345243	1342950	1335744	1.09	cps
Zinc	66-2	30	43	77	50	48.08	cps
Zirconium	90-1	575	483	367	475	21.98	cps
Zirconium	91-1	67	83	92	81	15.80	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 10:48:20 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	839	789	809	812	3.10	cps
Antimony	121-1	5218	4909	5476	5201	5.46	cps
Arsenic	75-2	134	107	101	114	15.42	cps
Barium	135-1	6010	6218	5910	6046	2.60	cps
Barium	137-1	9645	10396	10313	10118	4.07	cps
Beryllium	9-1	728	808	834	790	6.99	cps
Bismuth	209-1	2733776	2743561	2779493	2752277	0.87	cps
Bismuth	209-2	1709861	1721162	1734146	1721723	0.71	cps
Boron	11-1	7092	8037	8313	7814	8.19	cps
Boron	10-1	1512	1610	1664	1595	4.83	cps
Bromine	81-1	6929	6608	6448	6662	3.67	cps
Cadmium	106-1	3784	3784	3784	3784	0.00	cps
Cadmium	108-1	71	67	75	71	5.88	cps
Cadmium	111-1	1133	1032	1009	1058	6.23	cps
Calcium	43-1	4093	4140	4028	4087	1.38	cps
Calcium	44-1	82138	81859	82241	82079	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2367	2384	2357	2369	0.57	cps
Cobalt	59-2	1357	1553	1653	1521	9.92	cps
Copper	63-2	3107	2897	2954	2986	3.64	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	75	42	8	42	80.00	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-2	20	43	3	22	90.42	cps
Gadolinium	160-1	75	67	25	56	48.22	cps
Holmium	165-1	4914987	5049271	4938093	4967451	1.45	cps
Holmium	165-2	2548357	2566710	2568001	2561023	0.43	cps
Indium	115-1	4875720	4982139	4830147	4896002	1.59	cps
Indium	115-2	844596	840110	833613	839440	0.66	cps
Iron	56-2	36915	36698	36280	36631	0.88	cps
Iron	57-2	1056	983	1045	1028	3.78	cps
Iron	54-2	2150	2289	2306	2248	3.80	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:48:20	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4254	4317	4621	4397	4.46	cps
Lead	206-1	1550	1561	1483	1532	2.75	cps
Lead	207-1	1128	1306	1439	1291	12.09	cps
Lead	208-1	5795	6056	5978	5943	2.26	cps
Lithium	6-1	2504693	2530175	2489416	2508095	0.82	cps
Magnesium	24-2	33447	32971	32812	33077	1.00	cps
Manganese	55-2	530	497	513	513	3.25	cps
Molybdenum	94-1	6227	6660	6468	6452	3.37	cps
Molybdenum	95-1	7502	7427	7369	7433	0.90	cps
Molybdenum	96-1	8411	8253	8336	8333	0.95	cps
Molybdenum	97-1	4634	4126	4668	4476	6.78	cps
Molybdenum	98-1	11997	11830	11964	11930	0.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Nickel	60-2	517	563	557	546	4.63	cps
Phosphorus	31-2	383	367	342	364	5.76	cps
Potassium	39-2	53199	52571	53333	53034	0.77	cps
Rhodium	103-1	4871959	5003721	4926761	4934147	1.34	cps
Rhodium	103-2	2356102	2345680	2314800	2338861	0.92	cps
Scandium	45-1	3346435	3433318	3497299	3425684	2.21	cps
Scandium	45-2	142038	138545	140702	140428	1.26	cps
Selenium	77-2	7	20	10	12	56.76	cps
Selenium	78-2	57	68	71	65	11.28	cps
Selenium	82-1	534	341	90	322	69.25	cps
Silicon	28-1	1293429	1278374	1293868	1288557	0.68	cps
Silver	109-1	3100	3309	3050	3153	4.35	cps
Silver	107-1	3067	3542	3200	3270	7.49	cps
Sodium	23-2	88401	86229	86825	87151	1.29	cps
Strontium	86-1	8394	8878	8303	8525	3.63	cps
Strontium	88-1	8545	8870	8186	8533	4.01	cps
Sulfur	34-1	475375	480109	481413	478966	0.66	cps
Terbium	159-1	5218371	5295541	5212038	5241983	0.89	cps
Terbium	159-2	2549489	2614816	2573449	2579251	1.28	cps
Thallium	205-1	4026	3517	4059	3867	7.85	cps
Thallium	203-1	1675	1867	1742	1761	5.53	cps
Tin	118-1	10888	10079	10346	10438	3.95	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:48:20	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2350	2575	3000	2642	12.50	cps
Uranium	238-1	4634	4609	4584	4609	0.54	cps
Vanadium	51-2	3717	3737	3681	3712	0.77	cps
Yttrium	89-1	11778167	11957666	11927727	11887854	0.81	cps
Yttrium	89-2	1337270	1342858	1345581	1341903	0.32	cps
Zinc	66-2	270	393	343	336	18.49	cps
Zirconium	90-1	5310	5460	5410	5393	1.42	cps
Zirconium	91-1	1392	1333	1242	1322	5.72	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 10:51:31 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21652	21599	21779	21677	0.42	cps
Antimony	121-1	134846	132675	131655	133059	1.22	cps
Arsenic	75-2	4692	4700	4604	4666	1.14	cps
Barium	135-1	143631	147482	146397	145837	1.36	cps
Barium	137-1	252183	260815	255787	256262	1.69	cps
Beryllium	9-1	38881	38976	39290	39049	0.55	cps
Bismuth	209-1	2735988	2852674	2795796	2794819	2.09	cps
Bismuth	209-2	1767047	1722525	1733380	1740984	1.33	cps
Boron	11-1	13920	15199	16252	15123	7.72	cps
Boron	10-1	2830	2950	3164	2981	5.68	cps
Bromine	81-1	7279	6658	6558	6832	5.72	cps
Cadmium	106-1	7302	7294	6902	7166	3.19	cps
Cadmium	108-1	2234	2196	2438	2289	5.68	cps
Cadmium	111-1	29312	29714	29313	29446	0.79	cps
Calcium	43-1	39067	38870	38930	38956	0.26	cps
Calcium	44-1	662947	667540	662746	664411	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45646	44004	44887	44846	1.83	cps
Cobalt	59-2	75717	75331	74775	75274	0.63	cps
Copper	63-2	567900	572547	564169	568205	0.74	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-2	27	17	70	38	75.03	cps
Gadolinium	160-1	67	92	108	89	23.59	cps
Holmium	165-1	4975583	5099817	4994577	5023325	1.33	cps
Holmium	165-2	2606782	2598366	2531338	2578829	1.60	cps
Indium	115-1	4948534	5046623	4926719	4973958	1.28	cps
Indium	115-2	854542	845141	837795	845826	0.99	cps
Iron	56-2	1776833	1723499	1760533	1753622	1.56	cps
Iron	57-2	43962	42775	42096	42944	2.20	cps
Iron	54-2	99695	98677	96267	98213	1.79	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:51:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4634	4814	4411	4620	4.38	cps
Lead	206-1	342120	341658	349517	344432	1.28	cps
Lead	207-1	313447	302991	305872	307437	1.76	cps
Lead	208-1	1376681	1404757	1388228	1389888	1.02	cps
Lithium	6-1	2572367	2458452	2522784	2517868	2.27	cps
Magnesium	24-2	331997	335209	332534	333247	0.52	cps
Manganese	55-2	217607	216950	214884	216480	0.66	cps
Molybdenum	94-1	306850	313838	311537	310742	1.15	cps
Molybdenum	95-1	377041	385236	392479	384919	2.01	cps
Molybdenum	96-1	418543	420675	423212	420810	0.56	cps
Molybdenum	97-1	228009	235084	233517	232203	1.60	cps
Molybdenum	98-1	599754	606558	607503	604605	0.70	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Nickel	60-2	20922	20819	20915	20885	0.28	cps
Phosphorus	31-2	1475	1775	1758	1670	10.10	cps
Potassium	39-2	159338	157865	157696	158300	0.57	cps
Rhodium	103-1	5010424	5037078	4957445	5001649	0.81	cps
Rhodium	103-2	2363459	2389886	2326903	2360083	1.34	cps
Scandium	45-1	3477454	3460482	3517866	3485267	0.85	cps
Scandium	45-2	141971	141234	143512	142239	0.82	cps
Selenium	77-2	60	63	93	72	25.42	cps
Selenium	78-2	308	296	277	294	5.32	cps
Selenium	82-1	2227	2062	2296	2195	5.48	cps
Silicon	28-1	1354286	1372655	1377686	1368209	0.90	cps
Silver	109-1	155995	154437	154443	154959	0.58	cps
Silver	107-1	164018	166911	164835	165255	0.90	cps
Sodium	23-2	660683	664103	659493	661426	0.36	cps
Strontium	86-1	57293	56473	56916	56894	0.72	cps
Strontium	88-1	416594	423621	420286	420167	0.84	cps
Sulfur	34-1	493921	492212	489395	491843	0.46	cps
Terbium	159-1	5278151	5405970	5479510	5387877	1.89	cps
Terbium	159-2	2598720	2572175	2597760	2589552	0.58	cps
Thallium	205-1	194234	202644	201518	199465	2.29	cps
Thallium	203-1	85062	86287	84283	85211	1.19	cps
Tin	118-1	103794	102768	104053	103538	0.66	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:51:31	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	109151	112996	111576	111241	1.75	cps
Uranium	238-1	244967	246170	247782	246306	0.57	cps
Vanadium	51-2	36670	36166	35330	36055	1.88	cps
Yttrium	89-1	11966698	12166216	11846843	11993252	1.35	cps
Yttrium	89-2	1355586	1356028	1331734	1347782	1.03	cps
Zinc	66-2	68993	68833	68347	68724	0.49	cps
Zirconium	90-1	256529	261238	257823	258530	0.94	cps
Zirconium	91-1	56975	57269	57888	57377	0.81	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 10:54:40 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54237	54199	53686	54041	0.57	cps
Antimony	121-1	335067	338937	340977	338327	0.89	cps
Arsenic	75-2	12259	11949	11886	12031	1.66	cps
Barium	135-1	365851	374854	369584	370096	1.22	cps
Barium	137-1	649654	646737	641772	646054	0.62	cps
Beryllium	9-1	97014	97618	98130	97587	0.57	cps
Bismuth	209-1	2830811	2732540	2868936	2810762	2.50	cps
Bismuth	209-2	1755854	1763593	1700149	1739865	1.99	cps
Boron	11-1	33980	36502	38621	36368	6.39	cps
Boron	10-1	6874	7300	7931	7368	7.21	cps
Bromine	81-1	6148	7219	6899	6755	8.14	cps
Cadmium	106-1	11730	11647	11338	11572	1.78	cps
Cadmium	108-1	5547	5530	5851	5643	3.20	cps
Cadmium	111-1	74778	75023	74056	74619	0.67	cps
Calcium	43-1	96689	96660	97561	96970	0.53	cps
Calcium	44-1	1624455	1681916	1669038	1658469	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112253	112317	112286	112285	0.03	cps
Cobalt	59-2	189477	190268	189596	189780	0.22	cps
Copper	63-2	1432520	1421643	1416587	1423583	0.57	cps
Dysprosium	156-1	50	42	42	44	10.82	cps
Dysprosium	156-2	7	17	23	16	53.90	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-2	20	17	23	20	16.65	cps
Gadolinium	160-1	117	42	83	81	46.64	cps
Holmium	165-1	5024948	5057846	5114809	5065868	0.90	cps
Holmium	165-2	2642508	2631018	2517055	2596860	2.67	cps
Indium	115-1	5117427	5095512	5040892	5084611	0.78	cps
Indium	115-2	853521	845851	837081	845484	0.97	cps
Iron	56-2	4415446	4418979	4415019	4416482	0.05	cps
Iron	57-2	108884	107771	106652	107769	1.04	cps
Iron	54-2	243137	243418	244396	243651	0.27	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:54:40	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4601	4674	4474	4583	2.21	cps
Lead	206-1	861324	868410	875198	868311	0.80	cps
Lead	207-1	759606	768736	777311	768551	1.15	cps
Lead	208-1	3463939	3476835	3532936	3491237	1.05	cps
Lithium	6-1	2604491	2590817	2461931	2552413	3.08	cps
Magnesium	24-2	829773	826086	826775	827545	0.24	cps
Manganese	55-2	545985	544034	542285	544101	0.34	cps
Molybdenum	94-1	783098	785848	778462	782469	0.48	cps
Molybdenum	95-1	961557	966486	966563	964868	0.30	cps
Molybdenum	96-1	1052801	1052094	1067373	1057423	0.82	cps
Molybdenum	97-1	587301	585131	587692	586708	0.24	cps
Molybdenum	98-1	1512630	1530256	1517464	1520117	0.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Nickel	60-2	52935	53641	52065	52880	1.49	cps
Phosphorus	31-2	3692	3934	3442	3689	6.67	cps
Potassium	39-2	354990	356004	353466	354820	0.36	cps
Rhodium	103-1	5055953	5177540	5033970	5089154	1.52	cps
Rhodium	103-2	2337424	2387985	2296939	2340783	1.95	cps
Scandium	45-1	3676614	3523443	3655212	3618423	2.29	cps
Scandium	45-2	141458	138497	138646	139534	1.20	cps
Selenium	77-2	167	170	183	173	5.09	cps
Selenium	78-2	661	682	621	655	4.73	cps
Selenium	82-1	5644	5658	5849	5717	2.01	cps
Silicon	28-1	1544838	1569401	1538894	1551044	1.04	cps
Silver	109-1	394950	391757	398893	395200	0.90	cps
Silver	107-1	417639	420538	421182	419786	0.45	cps
Sodium	23-2	1635644	1606846	1604416	1615635	1.08	cps
Strontium	86-1	132012	132289	133971	132757	0.80	cps
Strontium	88-1	1055427	1061779	1060567	1059258	0.32	cps
Sulfur	34-1	514098	509370	510656	511375	0.48	cps
Terbium	159-1	5508956	5423193	5491566	5474572	0.83	cps
Terbium	159-2	2581700	2592997	2527283	2567327	1.37	cps
Thallium	205-1	514561	505563	499539	506555	1.49	cps
Thallium	203-1	212387	213947	213585	213306	0.38	cps
Tin	118-1	256401	261213	257831	258482	0.96	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:54:40	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	285081	280760	279948	281930	0.98	cps
Uranium	238-1	614978	604357	625708	615015	1.74	cps
Vanadium	51-2	91268	90910	91655	91278	0.41	cps
Yttrium	89-1	12354362	12146564	12124871	12208599	1.04	cps
Yttrium	89-2	1349492	1335972	1341000	1342154	0.51	cps
Zinc	66-2	173903	173395	172206	173168	0.50	cps
Zirconium	90-1	648046	648388	652764	649732	0.40	cps
Zirconium	91-1	143291	145185	142852	143776	0.86	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 10:57:45 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107754	107485	107013	107417	0.35	cps
Antimony	121-1	685177	691535	698066	691593	0.93	cps
Arsenic	75-2	23961	24057	23964	23994	0.23	cps
Barium	135-1	737237	753821	755035	748697	1.33	cps
Barium	137-1	1292341	1324679	1325788	1314269	1.45	cps
Beryllium	9-1	194114	196076	195711	195300	0.53	cps
Bismuth	209-1	2792866	2842347	2870906	2835373	1.39	cps
Bismuth	209-2	1791464	1779871	1759300	1776878	0.92	cps
Boron	11-1	67123	75356	76892	73124	7.18	cps
Boron	10-1	13868	14973	16046	14962	7.28	cps
Bromine	81-1	7009	7179	6879	7022	2.15	cps
Cadmium	106-1	19957	19581	19982	19840	1.13	cps
Cadmium	108-1	11755	11989	12156	11966	1.68	cps
Cadmium	111-1	147626	149130	148599	148452	0.51	cps
Calcium	43-1	195482	199515	196276	197091	1.08	cps
Calcium	44-1	3250689	3364628	3320159	3311825	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	222468	222643	225449	223520	0.75	cps
Cobalt	59-2	378681	380747	377204	378877	0.47	cps
Copper	63-2	2839424	2830143	2834456	2834674	0.16	cps
Dysprosium	156-1	83	58	42	61	34.32	cps
Dysprosium	156-2	37	23	20	27	33.08	cps
Erbium	164-1	42	42	58	47	20.37	cps
Erbium	164-2	23	13	17	18	28.64	cps
Gadolinium	160-2	43	37	57	46	22.36	cps
Gadolinium	160-1	167	83	100	117	37.79	cps
Holmium	165-1	5078463	5020707	5116524	5071898	0.95	cps
Holmium	165-2	2720501	2711862	2649705	2694023	1.43	cps
Indium	115-1	5082173	4837650	5113189	5011004	3.01	cps
Indium	115-2	854020	858264	850533	854272	0.45	cps
Iron	56-2	8652840	8682795	8686673	8674103	0.21	cps
Iron	57-2	215004	216791	214907	215567	0.49	cps
Iron	54-2	489242	490440	486365	488682	0.43	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:57:45	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4481	4788	4531	4600	3.58	cps
Lead	206-1	1765286	1770808	1826746	1787613	1.90	cps
Lead	207-1	1558700	1592570	1599466	1583579	1.38	cps
Lead	208-1	7072535	7300142	7315555	7229411	1.88	cps
Lithium	6-1	2598481	2459169	2529943	2529198	2.75	cps
Magnesium	24-2	1632414	1626667	1635409	1631497	0.27	cps
Manganese	55-2	1087895	1090667	1076422	1084995	0.70	cps
Molybdenum	94-1	1537609	1576950	1546540	1553700	1.33	cps
Molybdenum	95-1	1965812	1984437	1881405	1943885	2.82	cps
Molybdenum	96-1	2096283	2124424	2067100	2095936	1.37	cps
Molybdenum	97-1	1180786	1189792	1198048	1189542	0.73	cps
Molybdenum	98-1	3036326	3037911	3132471	3068903	1.79	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Neodymium	150-1	33	87	20	47	75.60	cps
Nickel	60-2	105474	106233	104396	105368	0.88	cps
Phosphorus	31-2	7010	6760	6902	6891	1.82	cps
Potassium	39-2	682619	685136	689748	685834	0.53	cps
Rhodium	103-1	5010285	4757249	5037582	4935039	3.13	cps
Rhodium	103-2	2403570	2356195	2321589	2360452	1.74	cps
Scandium	45-1	3693699	3494128	3589674	3592501	2.78	cps
Scandium	45-2	142941	142190	139396	141509	1.32	cps
Selenium	77-2	350	427	357	378	11.24	cps
Selenium	78-2	1229	1236	1272	1246	1.85	cps
Selenium	82-1	11636	11456	11968	11687	2.22	cps
Silicon	28-1	1831906	1841739	1847521	1840389	0.43	cps
Silver	109-1	778672	804493	787946	790370	1.65	cps
Silver	107-1	843582	841676	860525	848594	1.22	cps
Sodium	23-2	3133571	3119582	3203287	3152147	1.42	cps
Strontium	86-1	256078	259445	256442	257322	0.72	cps
Strontium	88-1	2154092	2140281	2119139	2137837	0.82	cps
Sulfur	34-1	548771	546638	549880	548430	0.30	cps
Terbium	159-1	5458639	5398711	5389729	5415693	0.69	cps
Terbium	159-2	2660872	2726845	2712391	2700036	1.28	cps
Thallium	205-1	1013694	1037741	1057151	1036195	2.10	cps
Thallium	203-1	426190	436832	443717	435580	2.03	cps
Tin	118-1	516652	527486	529253	524464	1.30	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 10:57:45	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	559905	568656	562832	563798	0.79	cps
Uranium	238-1	1247826	1295589	1262264	1268559	1.93	cps
Vanadium	51-2	183345	181334	180327	181669	0.85	cps
Yttrium	89-1	12710248	11829331	12143821	12227800	3.65	cps
Yttrium	89-2	1373820	1364783	1369897	1369500	0.33	cps
Zinc	66-2	346371	343156	342196	343908	0.64	cps
Zirconium	90-1	1316687	1317375	1329546	1321203	0.55	cps
Zirconium	91-1	286475	294824	289299	290200	1.46	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 11:00:43 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	216880	217969	216222	217024	0.41	cps
Antimony	121-1	1386043	1398748	1410709	1398500	0.88	cps
Arsenic	75-2	49085	48787	48375	48749	0.73	cps
Barium	135-1	1526196	1514903	1515034	1518711	0.43	cps
Barium	137-1	2629694	2645700	2655315	2643570	0.49	cps
Beryllium	9-1	397328	395054	400555	397646	0.70	cps
Bismuth	209-1	2867003	2890958	2923144	2893701	0.97	cps
Bismuth	209-2	1849062	1783049	1804680	1812264	1.86	cps
Boron	11-1	137473	147950	157272	147565	6.71	cps
Boron	10-1	27855	30261	32615	30244	7.87	cps
Bromine	81-1	7009	7720	6869	7199	6.34	cps
Cadmium	106-1	36758	36900	38295	37318	2.28	cps
Cadmium	108-1	23637	23558	23900	23698	0.76	cps
Cadmium	111-1	297938	298719	304901	300519	1.27	cps
Calcium	43-1	398652	402010	408065	402909	1.18	cps
Calcium	44-1	6636605	6618163	6730665	6661811	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	449185	457588	455701	454158	0.97	cps
Cobalt	59-2	770163	766466	770123	768918	0.28	cps
Copper	63-2	5804477	5629859	5623159	5685832	1.81	cps
Dysprosium	156-1	125	133	92	117	18.90	cps
Dysprosium	156-2	43	40	50	44	11.46	cps
Erbium	164-1	42	108	33	61	67.27	cps
Erbium	164-2	20	17	37	24	43.83	cps
Gadolinium	160-2	83	63	87	78	16.23	cps
Gadolinium	160-1	175	125	142	147	17.30	cps
Holmium	165-1	5220270	5216840	5249425	5228845	0.34	cps
Holmium	165-2	2703050	2719076	2711090	2711072	0.30	cps
Indium	115-1	5097262	5159932	5248590	5168594	1.47	cps
Indium	115-2	864074	862900	863162	863379	0.07	cps
Iron	56-2	17645470	17644550	17564215	17618078	0.26	cps
Iron	57-2	435842	436746	437319	436636	0.17	cps
Iron	54-2	981559	986861	981773	983398	0.31	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:00:43	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4741	4581	4597	4640	1.90	cps
Lead	206-1	3688560	3586832	3766389	3680594	2.45	cps
Lead	207-1	3259015	3275213	3341358	3291862	1.33	cps
Lead	208-1	14496116	14624704	14875856	14665559	1.32	cps
Lithium	6-1	2596931	2613916	2615487	2608778	0.39	cps
Magnesium	24-2	3270293	3287637	3285857	3281262	0.29	cps
Manganese	55-2	2214833	2259293	2217747	2230625	1.11	cps
Molybdenum	94-1	3187006	3097955	3275019	3186660	2.78	cps
Molybdenum	95-1	3936924	3838972	4058630	3944842	2.79	cps
Molybdenum	96-1	4353689	4291348	4366354	4337130	0.93	cps
Molybdenum	97-1	2400117	2396659	2461205	2419327	1.50	cps
Molybdenum	98-1	6083320	6090190	6214955	6129488	1.21	cps
Neodymium	150-2	27	13	20	20	33.35	cps
Neodymium	150-1	113	67	160	113	41.18	cps
Nickel	60-2	212893	212355	209946	211731	0.74	cps
Phosphorus	31-2	13490	13590	13248	13443	1.31	cps
Potassium	39-2	1344483	1342744	1347244	1344824	0.17	cps
Rhodium	103-1	5115566	5033640	5163735	5104314	1.29	cps
Rhodium	103-2	2379543	2402846	2442049	2408146	1.31	cps
Scandium	45-1	3614445	3621537	3623533	3619839	0.13	cps
Scandium	45-2	144034	142499	143146	143226	0.54	cps
Selenium	77-2	743	697	717	719	3.26	cps
Selenium	78-2	2403	2521	2554	2493	3.19	cps
Selenium	82-1	23349	23274	24009	23544	1.72	cps
Silicon	28-1	2392463	2394040	2480025	2422176	2.07	cps
Silver	109-1	1574416	1594242	1581927	1583529	0.63	cps
Silver	107-1	1620347	1670149	1696117	1662204	2.32	cps
Sodium	23-2	6309134	6352973	6291895	6318001	0.50	cps
Strontium	86-1	512109	521052	521112	518091	1.00	cps
Strontium	88-1	4204412	4267498	4313265	4261725	1.28	cps
Sulfur	34-1	625027	623013	618602	622214	0.53	cps
Terbium	159-1	5798484	5537512	5555753	5630583	2.59	cps
Terbium	159-2	2677208	2712465	2722211	2703961	0.88	cps
Thallium	205-1	2155368	2115046	2132923	2134446	0.95	cps
Thallium	203-1	885583	883218	893849	887550	0.63	cps
Tin	118-1	1056996	1085551	1109667	1084071	2.43	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:00:43	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1151787	1158866	1151633	1154095	0.36	cps
Uranium	238-1	2506112	2572673	2627555	2568780	2.37	cps
Vanadium	51-2	367066	366522	367575	367054	0.14	cps
Yttrium	89-1	12267824	12078977	12635234	12327345	2.29	cps
Yttrium	89-2	1382277	1381686	1382408	1382124	0.03	cps
Zinc	66-2	697762	696466	698860	697696	0.17	cps
Zirconium	90-1	2552026	2576361	2661386	2596591	2.21	cps
Zirconium	91-1	584489	586608	597817	589638	1.21	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 11:03:43 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	430429	431201	427564	429731	0.45	cps
Antimony	121-1	2802007	2771313	2765255	2779525	0.71	cps
Arsenic	75-2	97857	97879	97546	97761	0.19	cps
Barium	135-1	3085706	3024273	3093062	3067680	1.23	cps
Barium	137-1	5276630	5294301	5381603	5317511	1.06	cps
Beryllium	9-1	780063	782469	782326	781619	0.17	cps
Bismuth	209-1	2992537	2860267	2969539	2940781	2.40	cps
Bismuth	209-2	1833220	1811997	1827098	1824105	0.60	cps
Boron	11-1	281460	301675	320516	301217	6.48	cps
Boron	10-1	57798	61128	64407	61111	5.41	cps
Bromine	81-1	7149	6779	6869	6932	2.79	cps
Cadmium	106-1	72131	72717	73396	72748	0.87	cps
Cadmium	108-1	47310	48147	48192	47883	1.04	cps
Cadmium	111-1	608445	605172	602560	605392	0.49	cps
Calcium	43-1	811497	811886	817930	813771	0.44	cps
Calcium	44-1	13324466	13353524	13755379	13477790	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	903838	892997	904705	900513	0.72	cps
Cobalt	59-2	1536619	1542429	1526553	1535200	0.52	cps
Copper	63-2	11252594	11141710	11184157	11192820	0.50	cps
Dysprosium	156-1	133	125	192	150	24.22	cps
Dysprosium	156-2	73	80	50	68	23.24	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	33	17	20	23	37.78	cps
Gadolinium	160-2	130	100	100	110	15.75	cps
Gadolinium	160-1	217	308	142	222	37.56	cps
Holmium	165-1	5509049	5374580	5542942	5475524	1.63	cps
Holmium	165-2	2784923	2748898	2729329	2754383	1.02	cps
Indium	115-1	5193952	5127757	5321558	5214422	1.89	cps
Indium	115-2	854220	864634	867137	861997	0.79	cps
Iron	56-2	35044170	35278155	34922954	35081759	0.51	cps
Iron	57-2	871172	874956	878027	874718	0.39	cps
Iron	54-2	2017199	2002880	1965231	1995104	1.35	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:03:43	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4831	4678	4494	4667	3.61	cps
Lead	206-1	7282453	7345497	7448331	7358760	1.14	cps
Lead	207-1	6575007	6789620	6581938	6648855	1.83	cps
Lead	208-1	29369202	29638413	29635967	29547861	0.52	cps
Lithium	6-1	2642002	2634158	2629508	2635223	0.24	cps
Magnesium	24-2	6481797	6455801	6416622	6451407	0.51	cps
Manganese	55-2	4337056	4360051	4382338	4359815	0.52	cps
Molybdenum	94-1	6332038	6490855	6427037	6416643	1.25	cps
Molybdenum	95-1	7865872	7922547	8053358	7947259	1.21	cps
Molybdenum	96-1	8517504	8710490	8749779	8659258	1.44	cps
Molybdenum	97-1	4740907	4987252	4903902	4877354	2.57	cps
Molybdenum	98-1	12216893	12596636	12491887	12435138	1.58	cps
Neodymium	150-2	13	27	17	19	36.75	cps
Neodymium	150-1	153	133	147	144	7.05	cps
Nickel	60-2	421196	421954	417182	420111	0.61	cps
Phosphorus	31-2	26516	25840	27376	26578	2.90	cps
Potassium	39-2	2609837	2619467	2666780	2632028	1.16	cps
Rhodium	103-1	5056353	5037269	5092783	5062135	0.56	cps
Rhodium	103-2	2365770	2463512	2398346	2409209	2.07	cps
Scandium	45-1	3755585	3763766	3756080	3758477	0.12	cps
Scandium	45-2	143661	143930	145023	144205	0.50	cps
Selenium	77-2	1463	1500	1440	1468	2.06	cps
Selenium	78-2	4979	5062	5157	5066	1.76	cps
Selenium	82-1	46717	47086	48223	47342	1.66	cps
Silicon	28-1	3351174	3384725	3474416	3403438	1.87	cps
Silver	109-1	3147517	3163346	3161557	3157474	0.27	cps
Silver	107-1	3341022	3361825	3487953	3396933	2.34	cps
Sodium	23-2	12432568	12495942	12502973	12477161	0.31	cps
Strontium	86-1	1027033	1021260	1044514	1030935	1.17	cps
Strontium	88-1	8473932	8477510	8763482	8571642	1.94	cps
Sulfur	34-1	770229	765939	763728	766632	0.43	cps
Terbium	159-1	5792373	5787503	5759298	5779724	0.31	cps
Terbium	159-2	2697089	2745932	2737976	2726999	0.96	cps
Thallium	205-1	4218282	4252081	4271027	4247130	0.63	cps
Thallium	203-1	1812737	1811717	1819592	1814682	0.24	cps
Tin	118-1	2188481	2128321	2184864	2167222	1.56	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:03:43	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2306293	2335311	2255914	2299173	1.75	cps
Uranium	238-1	5358843	5232783	5199216	5263614	1.60	cps
Vanadium	51-2	735577	732380	725357	731104	0.72	cps
Yttrium	89-1	12557126	12458679	12703324	12573043	0.98	cps
Yttrium	89-2	1370873	1411162	1380888	1387641	1.51	cps
Zinc	66-2	1373457	1374494	1378121	1375357	0.18	cps
Zirconium	90-1	5163010	5201887	5363334	5242744	2.03	cps
Zirconium	91-1	1197909	1205682	1215444	1206345	0.73	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:06:42	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2152070	2182650	2119193	2151304	1.48	cps
Antimony	121-1	2167	2117	1975	2086	4.77	cps
Arsenic	75-2	59	41	36	45	26.69	cps
Barium	135-1	1250	1192	1125	1189	5.26	cps
Barium	137-1	2000	2150	2167	2106	4.36	cps
Beryllium	9-1	224	234	204	221	6.92	cps
Bismuth	209-1	2834056	2925216	2756575	2838616	2.97	cps
Bismuth	209-2	1748064	1746709	1832023	1775599	2.75	cps
Boron	11-1	48941	44841	41612	45132	8.14	cps
Boron	10-1	10302	9197	8759	9419	8.44	cps
Bromine	81-1	7109	7740	8091	7647	6.50	cps
Cadmium	106-1	3876	3225	3509	3537	9.22	cps
Cadmium	108-1	63	63	29	51	37.45	cps
Cadmium	111-1	665	575	568	602	8.96	cps
Calcium	43-1	4065569	4082494	4073295	4073786	0.21	cps
Calcium	44-1	67468263	67487502	68225924	67727230	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6512	6305	6191	6336	2.56	cps
Cobalt	59-2	2087	2220	2134	2147	3.15	cps
Copper	63-2	6935	7002	6908	6948	0.69	cps
Dysprosium	156-1	508	675	625	603	14.19	cps
Dysprosium	156-2	337	370	367	358	5.13	cps
Erbium	164-1	133	133	100	122	15.75	cps
Erbium	164-2	60	57	40	52	20.52	cps
Gadolinium	160-2	367	493	390	417	16.18	cps
Gadolinium	160-1	650	842	708	733	13.40	cps
Holmium	165-1	5374617	5423632	5297222	5365157	1.19	cps
Holmium	165-2	2732947	2723875	2839112	2765311	2.32	cps
Indium	115-1	5102319	5096094	5086290	5094901	0.16	cps
Indium	115-2	840125	848841	888728	859231	3.02	cps
Iron	56-2	171851821	170765032	169054965	170557272	0.83	cps
Iron	57-2	4207978	4234910	4266155	4236348	0.69	cps
Iron	54-2	9468317	9399700	9308037	9392018	0.86	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:06:42	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4951	5104	4651	4902	4.71	cps
Lead	206-1	15387	15487	15927	15600	1.84	cps
Lead	207-1	13719	13741	14169	13876	1.83	cps
Lead	208-1	62822	61129	63289	62413	1.82	cps
Lithium	6-1	2641770	2657573	2651669	2650337	0.30	cps
Magnesium	24-2	31263203	31644183	31416593	31441326	0.61	cps
Manganese	55-2	3437	3010	2850	3099	9.79	cps
Molybdenum	94-1	2975	2650	2700	2775	6.31	cps
Molybdenum	95-1	3567	3492	2984	3348	9.48	cps
Molybdenum	96-1	5593	5051	5018	5221	6.19	cps
Molybdenum	97-1	2067	1992	1875	1978	4.88	cps
Molybdenum	98-1	5535	5134	4718	5129	7.97	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Neodymium	150-1	33	27	27	29	13.31	cps
Nickel	60-2	2017	2017	2110	2048	2.63	cps
Phosphorus	31-2	383	317	242	314	22.58	cps
Potassium	39-2	12885042	13038270	12894931	12939414	0.66	cps
Rhodium	103-1	4961456	4899708	4860898	4907354	1.03	cps
Rhodium	103-2	2277888	2302998	2412865	2331250	3.08	cps
Scandium	45-1	3692397	3688150	3558363	3646304	2.09	cps
Scandium	45-2	139530	140812	148960	143101	3.57	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	46	38	52	45	15.50	cps
Selenium	82-1	288	30	17	112	137.18	cps
Silicon	28-1	1678453	1796380	1827896	1767576	4.46	cps
Silver	109-1	1217	1317	1225	1253	4.43	cps
Silver	107-1	1467	1292	1358	1372	6.44	cps
Sodium	23-2	61300381	61013591	60904372	61072781	0.33	cps
Strontium	86-1	13740	13866	12623	13410	5.10	cps
Strontium	88-1	48761	50140	49949	49617	1.51	cps
Sulfur	34-1	436756	438412	438280	437816	0.21	cps
Terbium	159-1	5713111	5867894	5807188	5796065	1.35	cps
Terbium	159-2	2750842	2682266	2878450	2770519	3.59	cps
Thallium	205-1	1258	1017	942	1072	15.43	cps
Thallium	203-1	517	658	383	519	26.48	cps
Tin	118-1	1183	1033	1050	1089	7.55	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:06:42	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	675	625	625	642	4.50	cps
Uranium	238-1	883	583	583	683	25.35	cps
Vanadium	51-2	120	110	137	122	11.02	cps
Yttrium	89-1	12380353	12673251	12463178	12505594	1.21	cps
Yttrium	89-2	1375779	1375858	1422080	1391239	1.92	cps
Zinc	66-2	2060	2184	1997	2080	4.56	cps
Zirconium	90-1	2092	2200	1959	2084	5.81	cps
Zirconium	91-1	542	508	333	461	24.27	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:27:05	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11012	11183	11322	11172	1.39	cps
Antimony	121-1	538890	547716	551929	546178	1.22	cps
Arsenic	75-2	19773	19779	19637	19729	0.41	cps
Barium	135-1	58879	60728	59800	59802	1.55	cps
Barium	137-1	107333	105578	109030	107314	1.61	cps
Beryllium	9-1	75346	75866	77004	76072	1.11	cps
Bismuth	209-1	2873878	2815326	2831110	2840105	1.07	cps
Bismuth	209-2	1761067	1821619	1796706	1793130	1.70	cps
Boron	11-1	105568	122535	133099	120401	11.54	cps
Boron	10-1	22054	24960	27332	24782	10.67	cps
Bromine	81-1	7189	7790	7149	7376	4.87	cps
Cadmium	106-1	13365	13532	13490	13462	0.65	cps
Cadmium	108-1	6306	6456	6718	6493	3.22	cps
Cadmium	111-1	59615	60108	60087	59937	0.47	cps
Calcium	43-1	16464	17034	17012	16837	1.92	cps
Calcium	44-1	277622	284519	284901	282347	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91215	91560	90306	91027	0.71	cps
Cobalt	59-2	157383	155714	157231	156776	0.59	cps
Copper	63-2	118883	117592	118668	118381	0.58	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	20	0	17	12	87.67	cps
Gadolinium	160-2	13	37	17	22	56.80	cps
Gadolinium	160-1	50	25	50	42	34.64	cps
Holmium	165-1	5112817	5144978	5056168	5104654	0.88	cps
Holmium	165-2	2590231	2632386	2704334	2642317	2.18	cps
Indium	115-1	5102350	5038555	5109457	5083454	0.77	cps
Indium	115-2	847380	855690	862950	855340	0.91	cps
Iron	56-2	1384592	1380128	1393097	1385939	0.48	cps
Iron	57-2	34626	33757	34709	34364	1.53	cps
Iron	54-2	79101	78431	80079	79204	1.05	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 11:27:05 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4537	4938	4788	4754	4.25	cps
Lead	206-1	303709	308228	315398	309112	1.91	cps
Lead	207-1	251030	258531	267435	258999	3.17	cps
Lead	208-1	1185951	1216768	1238209	1213643	2.16	cps
Lithium	6-1	2436355	2453856	2513580	2467930	1.64	cps
Magnesium	24-2	77682	74691	78126	76833	2.43	cps
Manganese	55-2	43556	42881	42978	43138	0.85	cps
Molybdenum	94-1	3143331	3118844	3045593	3102589	1.64	cps
Molybdenum	95-1	3877420	3777866	3850644	3835310	1.34	cps
Molybdenum	96-1	4135913	4074474	4167207	4125865	1.14	cps
Molybdenum	97-1	2360586	2327009	2350077	2345891	0.73	cps
Molybdenum	98-1	5940572	5943528	6007520	5963873	0.63	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Nickel	60-2	43449	44025	44072	43849	0.79	cps
Phosphorus	31-2	375	342	358	358	4.65	cps
Potassium	39-2	132723	128166	131513	130801	1.80	cps
Rhodium	103-1	5058315	5089241	5013219	5053592	0.76	cps
Rhodium	103-2	2387913	2430335	2433091	2417113	1.05	cps
Scandium	45-1	3478600	3599823	3546006	3541477	1.72	cps
Scandium	45-2	140711	142768	142721	142067	0.83	cps
Selenium	77-2	330	300	260	297	11.84	cps
Selenium	78-2	1048	1031	1045	1041	0.87	cps
Selenium	82-1	9530	9303	9243	9359	1.62	cps
Silicon	28-1	2071874	2087581	2046243	2068566	1.01	cps
Silver	109-1	151418	155042	157007	154489	1.84	cps
Silver	107-1	160698	166615	165587	164300	1.92	cps
Sodium	23-2	276351	274235	278046	276211	0.69	cps
Strontium	86-1	505054	509017	499742	504604	0.92	cps
Strontium	88-1	4055709	4225106	4145840	4142219	2.05	cps
Sulfur	34-1	449748	446687	445492	447309	0.49	cps
Terbium	159-1	5389952	5470158	5570884	5476998	1.66	cps
Terbium	159-2	2632463	2643483	2693969	2656638	1.23	cps
Thallium	205-1	817600	828105	832571	826092	0.93	cps
Thallium	203-1	336564	358574	353412	349516	3.29	cps
Tin	118-1	1035624	1070327	1076643	1060865	2.08	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:27:05	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1166078	1186143	1173480	1175233	0.86	cps
Uranium	238-1	2421156	2496609	2441619	2453128	1.59	cps
Vanadium	51-2	73346	72208	72235	72596	0.89	cps
Yttrium	89-1	12108564	12308434	12215641	12210880	0.82	cps
Yttrium	89-2	1363954	1361395	1376662	1367337	0.60	cps
Zinc	66-2	27450	27253	27513	27405	0.50	cps
Zirconium	90-1	2462812	2596618	2492941	2517457	2.79	cps
Zirconium	91-1	554845	570461	572472	565926	1.70	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:44:47	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	799	731	847	792	7.37	cps
Antimony	121-1	5209	5601	5393	5401	3.63	cps
Arsenic	75-2	114	108	100	107	6.54	cps
Barium	135-1	5651	5610	5451	5571	1.90	cps
Barium	137-1	10287	10212	10121	10207	0.82	cps
Beryllium	9-1	790	796	840	809	3.38	cps
Bismuth	209-1	2771502	2734574	2730268	2745448	0.83	cps
Bismuth	209-2	1741167	1768382	1755641	1755064	0.78	cps
Boron	11-1	7518	8253	8773	8181	7.70	cps
Boron	10-1	1486	1696	1804	1662	9.73	cps
Bromine	81-1	7550	6358	7249	7052	8.79	cps
Cadmium	106-1	3150	2942	3200	3098	4.42	cps
Cadmium	108-1	46	79	71	65	26.58	cps
Cadmium	111-1	941	910	971	940	3.24	cps
Calcium	43-1	4006	4020	4119	4048	1.52	cps
Calcium	44-1	76202	77839	77450	77164	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2377	2410	2464	2417	1.81	cps
Cobalt	59-2	1603	1637	1797	1679	6.16	cps
Copper	63-2	2950	2804	3067	2940	4.49	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	17	50	42	36	48.03	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-2	23	20	23	22	8.65	cps
Gadolinium	160-1	42	58	108	69	49.96	cps
Holmium	165-1	5101181	4988952	5098212	5062782	1.26	cps
Holmium	165-2	2662207	2594879	2624045	2627044	1.29	cps
Indium	115-1	4940648	4928905	5213093	5027549	3.20	cps
Indium	115-2	848584	847295	853066	849648	0.36	cps
Iron	56-2	37015	38045	37734	37598	1.41	cps
Iron	57-2	1195	933	1000	1043	13.01	cps
Iron	54-2	2334	2361	2356	2350	0.63	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:44:47	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4561	4604	4604	4590	0.55	cps
Lead	206-1	1467	1717	1683	1622	8.37	cps
Lead	207-1	1378	1567	1472	1472	6.42	cps
Lead	208-1	6429	6817	6645	6630	2.94	cps
Lithium	6-1	2412307	2411548	2403303	2409053	0.21	cps
Magnesium	24-2	32645	32186	33088	32640	1.38	cps
Manganese	55-2	517	477	467	487	5.44	cps
Molybdenum	94-1	6177	6560	6593	6443	3.60	cps
Molybdenum	95-1	7327	7836	7777	7647	3.64	cps
Molybdenum	96-1	8294	8319	7819	8144	3.46	cps
Molybdenum	97-1	4684	4709	4409	4601	3.62	cps
Molybdenum	98-1	11755	11480	11630	11622	1.19	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Nickel	60-2	443	513	460	472	7.74	cps
Phosphorus	31-2	308	317	375	333	10.90	cps
Potassium	39-2	53031	52647	51852	52510	1.15	cps
Rhodium	103-1	5084952	4881110	5080003	5015355	2.32	cps
Rhodium	103-2	2333087	2414787	2407925	2385266	1.90	cps
Scandium	45-1	3580686	3407018	3383974	3457226	3.11	cps
Scandium	45-2	140724	140522	142245	141164	0.67	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	97	68	73	79	19.54	cps
Selenium	82-1	278	325	245	283	14.26	cps
Silicon	28-1	1227298	1245278	1226934	1233170	0.85	cps
Silver	109-1	2750	2850	3159	2920	7.29	cps
Silver	107-1	3059	2900	3117	3025	3.71	cps
Sodium	23-2	90312	86740	88544	88532	2.02	cps
Strontium	86-1	8178	8344	8603	8375	2.56	cps
Strontium	88-1	8828	8419	8970	8739	3.27	cps
Sulfur	34-1	446879	452585	454999	451488	0.92	cps
Terbium	159-1	5345468	5342727	5300059	5329418	0.48	cps
Terbium	159-2	2640105	2623695	2602227	2622009	0.72	cps
Thallium	205-1	4201	4167	4192	4187	0.41	cps
Thallium	203-1	1884	1633	1817	1778	7.28	cps
Tin	118-1	10746	11188	10262	10732	4.31	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:44:47	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2492	2234	2300	2342	5.73	cps
Uranium	238-1	4426	4876	4893	4732	5.60	cps
Vanadium	51-2	3487	3847	3577	3637	5.15	cps
Yttrium	89-1	12248707	11950457	12078474	12092546	1.24	cps
Yttrium	89-2	1342079	1353791	1367150	1354340	0.93	cps
Zinc	66-2	363	293	377	344	13.00	cps
Zirconium	90-1	5009	5451	5334	5265	4.35	cps
Zirconium	91-1	1250	1250	1217	1239	1.55	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 11:50:31 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	341	385	331	352	8.11	cps
Antimony	121-1	25	0	17	14	91.65	cps
Arsenic	75-2	8	4	8	7	34.64	cps
Barium	135-1	17	0	50	22	114.56	cps
Barium	137-1	17	17	33	22	43.28	cps
Beryllium	9-1	28	40	46	38	24.13	cps
Bismuth	209-1	2746530	2807012	2809626	2787723	1.28	cps
Bismuth	209-2	1704364	1704628	1704930	1704641	0.02	cps
Boron	11-1	2932	2922	2754	2869	3.49	cps
Boron	10-1	666	600	576	614	7.59	cps
Bromine	81-1	7249	6638	6859	6916	4.47	cps
Cadmium	106-1	3317	2875	3092	3095	7.14	cps
Cadmium	108-1	21	38	17	25	44.09	cps
Cadmium	111-1	330	278	323	310	9.03	cps
Calcium	43-1	371	334	310	338	9.13	cps
Calcium	44-1	14140	14104	14290	14178	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	610	520	623	584	9.62	cps
Cobalt	59-2	40	40	30	37	15.75	cps
Copper	63-2	480	480	497	486	1.98	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	42	8	25	25	66.68	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-2	30	17	23	23	28.56	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Holmium	165-1	4940288	5035976	5121650	5032638	1.80	cps
Holmium	165-2	2604101	2603577	2612780	2606819	0.20	cps
Indium	115-1	5101416	4999059	5139937	5080137	1.43	cps
Indium	115-2	841127	846516	846127	844590	0.36	cps
Iron	56-2	2406	2278	2534	2406	5.31	cps
Iron	57-2	111	100	133	115	14.79	cps
Iron	54-2	406	467	361	411	12.89	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:50:31	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4788	4858	4357	4667	5.80	cps
Lead	206-1	261	183	267	237	19.66	cps
Lead	207-1	183	156	200	180	12.50	cps
Lead	208-1	922	722	978	874	15.38	cps
Lithium	6-1	2327079	2444083	2448858	2406673	2.87	cps
Magnesium	24-2	433	350	550	444	22.61	cps
Manganese	55-2	50	50	60	53	10.83	cps
Molybdenum	94-1	183	167	175	175	4.76	cps
Molybdenum	95-1	50	58	33	47	26.97	cps
Molybdenum	96-1	108	92	75	92	18.18	cps
Molybdenum	97-1	8	33	17	19	65.47	cps
Molybdenum	98-1	33	33	25	31	15.74	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Nickel	60-2	60	57	60	59	3.26	cps
Phosphorus	31-2	325	392	342	353	9.83	cps
Potassium	39-2	27343	27376	26709	27143	1.39	cps
Rhodium	103-1	4980696	5017734	5061580	5020003	0.81	cps
Rhodium	103-2	2364677	2354231	2452088	2390332	2.25	cps
Scandium	45-1	3365176	3499281	3517753	3460737	2.41	cps
Scandium	45-2	142509	141998	141113	141873	0.50	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	40	45	49	45	10.11	cps
Selenium	82-1	-130	-274	484	27	1506.51	cps
Silicon	28-1	1174645	1202646	1196265	1191185	1.23	cps
Silver	109-1	42	33	42	39	12.38	cps
Silver	107-1	108	92	83	94	13.48	cps
Sodium	23-2	25022	25247	24513	24927	1.51	cps
Strontium	86-1	7636	7094	7569	7433	3.98	cps
Strontium	88-1	50	67	83	67	25.00	cps
Sulfur	34-1	456713	455073	453785	455190	0.32	cps
Terbium	159-1	5408193	5411656	5420490	5413446	0.12	cps
Terbium	159-2	2603408	2608374	2541994	2584592	1.43	cps
Thallium	205-1	42	108	42	64	60.24	cps
Thallium	203-1	25	8	42	25	66.68	cps
Tin	118-1	267	183	183	211	22.79	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 11:50:31	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	358	317	300	22.74	cps
Uranium	238-1	17	0	8	8	100.02	cps
Vanadium	51-2	27	13	3	14	81.07	cps
Yttrium	89-1	12008044	11999446	11846793	11951428	0.76	cps
Yttrium	89-2	1350073	1342001	1343158	1345077	0.32	cps
Zinc	66-2	83	37	80	67	39.05	cps
Zirconium	90-1	517	533	400	483	15.03	cps
Zirconium	91-1	33	67	117	72	58.08	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 12:03:07 DataFile Name : 020ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1972895	1994480	2025429	1997601	1.32	cps
Antimony	121-1	2784	2942	3025	2917	4.21	cps
Arsenic	75-2	34	36	35	35	2.86	cps
Barium	135-1	767	800	850	806	5.21	cps
Barium	137-1	1650	1642	1575	1622	2.53	cps
Beryllium	9-1	188	202	230	207	10.35	cps
Bismuth	209-1	2796852	2800240	2888168	2828420	1.83	cps
Bismuth	209-2	1746485	1735903	1833341	1771910	3.02	cps
Boron	11-1	1934	1780	1714	1809	6.24	cps
Boron	10-1	438	410	360	403	9.81	cps
Bromine	81-1	8000	8021	8151	8057	1.01	cps
Cadmium	106-1	2617	3167	2959	2914	9.53	cps
Cadmium	108-1	363	429	408	400	8.53	cps
Cadmium	111-1	487	491	581	520	10.19	cps
Calcium	43-1	736972	749549	746169	744230	0.87	cps
Calcium	44-1	12066662	12447058	12318974	12277565	1.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17694	18105	17888	17896	1.15	cps
Cobalt	59-2	1833	1643	1643	1707	6.43	cps
Copper	63-2	9356	9280	9130	9255	1.25	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	27	23	20	23	14.29	cps
Gadolinium	160-2	17	20	37	24	43.83	cps
Gadolinium	160-1	83	108	117	103	16.88	cps
Holmium	165-1	5220159	5247341	5390808	5286103	1.73	cps
Holmium	165-2	2659133	2654785	2747417	2687112	1.95	cps
Indium	115-1	5087628	5150297	5264144	5167356	1.73	cps
Indium	115-2	844189	832969	865504	847554	1.95	cps
Iron	56-2	66418458	66449779	66269029	66379089	0.15	cps
Iron	57-2	1661429	1677756	1673087	1670757	0.50	cps
Iron	54-2	3660839	3711514	3713064	3695139	0.80	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 12:03:07 DataFile Name : 020ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4711	4621	4654	4662	0.98	cps
Lead	206-1	6535	6591	6641	6589	0.80	cps
Lead	207-1	5012	5140	4984	5046	1.65	cps
Lead	208-1	23937	24465	24237	24213	1.09	cps
Lithium	6-1	2759247	2807101	2832783	2799711	1.33	cps
Magnesium	24-2	5925807	5833637	5883082	5880842	0.78	cps
Manganese	55-2	3127	3200	3194	3174	1.28	cps
Molybdenum	94-1	1571584	1661405	1656516	1629835	3.10	cps
Molybdenum	95-1	2866343	2948651	2853412	2889469	1.79	cps
Molybdenum	96-1	2980682	3012040	3003603	2998775	0.54	cps
Molybdenum	97-1	1761402	1783205	1736365	1760324	1.33	cps
Molybdenum	98-1	4486153	4496475	4437024	4473217	0.71	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Neodymium	150-1	33	40	20	31	32.73	cps
Nickel	60-2	2207	2147	2247	2200	2.29	cps
Phosphorus	31-2	122742	123312	122969	123008	0.23	cps
Potassium	39-2	4935243	4874797	4980654	4930231	1.08	cps
Rhodium	103-1	5051977	5135952	5104522	5097484	0.83	cps
Rhodium	103-2	2375722	2322051	2386243	2361339	1.46	cps
Scandium	45-1	3502494	3592986	3653060	3582847	2.12	cps
Scandium	45-2	142795	139955	142230	141660	1.06	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	57	49	62	56	11.71	cps
Selenium	82-1	-204	-57	-231	-164	-57.08	cps
Silicon	28-1	1261374	1270556	1284237	1272056	0.90	cps
Silver	109-1	133	125	125	128	3.77	cps
Silver	107-1	167	200	142	169	17.27	cps
Sodium	23-2	11894666	12035088	11882163	11937306	0.71	cps
Strontium	86-1	40041	41120	40300	40487	1.39	cps
Strontium	88-1	285890	292866	289635	289464	1.21	cps
Sulfur	34-1	1456646	1494538	1495834	1482339	1.50	cps
Terbium	159-1	5488344	5664072	5655016	5602477	1.77	cps
Terbium	159-2	2688357	2716932	2769965	2725085	1.52	cps
Thallium	205-1	225	200	183	203	10.34	cps
Thallium	203-1	100	50	75	75	33.33	cps
Tin	118-1	500	517	592	536	9.11	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:03:07	DataFile Name :	020ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	858258	867494	864334	863362	0.54	cps
Uranium	238-1	133	133	67	111	34.64	cps
Vanadium	51-2	113	130	147	130	12.82	cps
Yttrium	89-1	12606416	12662079	12509357	12592617	0.61	cps
Yttrium	89-2	1369515	1346237	1391558	1369103	1.66	cps
Zinc	66-2	1630	1493	1460	1528	5.90	cps
Zirconium	90-1	467	475	475	472	1.02	cps
Zirconium	91-1	58	108	92	86	29.57	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 12:05:55 DataFile Name : 021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2038306	2026933	2022203	2029147	0.41	cps
Antimony	121-1	56869	57831	58677	57792	1.57	cps
Arsenic	75-2	1929	1916	1924	1923	0.34	cps
Barium	135-1	12898	12256	13574	12909	5.11	cps
Barium	137-1	22227	22302	22469	22333	0.55	cps
Beryllium	9-1	15315	15635	15537	15496	1.06	cps
Bismuth	209-1	2826247	2820847	2785273	2810789	0.79	cps
Bismuth	209-2	1788863	1789082	1799981	1792642	0.35	cps
Boron	11-1	23752	24359	24540	24217	1.70	cps
Boron	10-1	4990	5046	5054	5030	0.69	cps
Bromine	81-1	7099	8331	8151	7860	8.47	cps
Cadmium	106-1	4484	4601	4651	4579	1.87	cps
Cadmium	108-1	1383	1296	1483	1388	6.76	cps
Cadmium	111-1	11540	12034	12683	12086	4.75	cps
Calcium	43-1	743171	768668	769602	760481	1.97	cps
Calcium	44-1	12444739	12736610	12889512	12690287	1.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34655	35507	35644	35269	1.52	cps
Cobalt	59-2	30957	31345	31131	31144	0.62	cps
Copper	63-2	32140	31595	32033	31923	0.90	cps
Dysprosium	156-1	58	17	17	31	78.71	cps
Dysprosium	156-2	10	20	7	12	56.76	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-2	33	23	20	26	27.15	cps
Gadolinium	160-1	33	67	75	58	37.80	cps
Holmium	165-1	5176658	5319111	5235705	5243825	1.36	cps
Holmium	165-2	2675722	2661064	2735983	2690923	1.48	cps
Indium	115-1	5159838	5126443	5128483	5138255	0.36	cps
Indium	115-2	850815	835034	857641	847830	1.37	cps
Iron	56-2	66837449	66707539	66898081	66814356	0.15	cps
Iron	57-2	1668099	1672948	1657340	1666129	0.48	cps
Iron	54-2	3689707	3738034	3740921	3722888	0.77	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 12:05:55 DataFile Name : 021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4721	4547	4617	4629	1.88	cps
Lead	206-1	35131	34518	35605	35085	1.55	cps
Lead	207-1	28237	29261	28565	28688	1.82	cps
Lead	208-1	133960	134394	134940	134431	0.37	cps
Lithium	6-1	2925528	2900826	2914943	2913765	0.43	cps
Magnesium	24-2	6011001	5986285	5970401	5989229	0.34	cps
Manganese	55-2	11281	11345	11535	11387	1.16	cps
Molybdenum	94-1	1769412	1791644	1792510	1784522	0.73	cps
Molybdenum	95-1	2949681	3002189	3014694	2988855	1.15	cps
Molybdenum	96-1	3117668	3154548	3162887	3145034	0.77	cps
Molybdenum	97-1	1832476	1823340	1808934	1821583	0.65	cps
Molybdenum	98-1	4692035	4657752	4604956	4651581	0.94	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Neodymium	150-1	13	33	20	22	45.83	cps
Nickel	60-2	10190	10054	10511	10252	2.29	cps
Phosphorus	31-2	126691	124094	127306	126031	1.35	cps
Potassium	39-2	4961250	4808670	4872749	4880890	1.57	cps
Rhodium	103-1	4990159	4925129	4922768	4946019	0.77	cps
Rhodium	103-2	2355906	2321376	2371670	2349651	1.09	cps
Scandium	45-1	3535772	3599866	3574939	3570192	0.90	cps
Scandium	45-2	140436	137568	141985	139996	1.60	cps
Selenium	77-2	20	40	43	34	36.64	cps
Selenium	78-2	152	139	130	140	7.88	cps
Selenium	82-1	683	786	890	786	13.17	cps
Silicon	28-1	1374996	1375851	1374670	1375172	0.04	cps
Silver	109-1	57353	59898	59337	58863	2.27	cps
Silver	107-1	63020	64142	64635	63933	1.29	cps
Sodium	23-2	12085476	12107196	11920482	12037718	0.85	cps
Strontium	86-1	91943	92170	92313	92142	0.20	cps
Strontium	88-1	726305	733567	738311	732728	0.83	cps
Sulfur	34-1	1494020	1474356	1498106	1488827	0.85	cps
Terbium	159-1	5569272	5757724	5687740	5671579	1.68	cps
Terbium	159-2	2697402	2706097	2758797	2720765	1.22	cps
Thallium	205-1	81859	82698	83502	82686	0.99	cps
Thallium	203-1	33235	34731	35424	34463	3.25	cps
Tin	118-1	111713	110873	111763	111450	0.45	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:05:55	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	893451	896041	909062	899518	0.93	cps
Uranium	238-1	262253	257129	269878	263087	2.44	cps
Vanadium	51-2	14247	14217	13843	14103	1.59	cps
Yttrium	89-1	12376506	12421331	12210104	12335981	0.90	cps
Yttrium	89-2	1375100	1346777	1383418	1368432	1.40	cps
Zinc	66-2	4177	3921	4304	4134	4.73	cps
Zirconium	90-1	270968	274869	274708	273515	0.81	cps
Zirconium	91-1	59779	60541	61946	60755	1.81	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:08:46	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1028404	1028702	1022925	1026677	0.32	cps
Antimony	121-1	1353128	1408710	1400479	1387439	2.16	cps
Arsenic	75-2	48068	47763	47988	47940	0.33	cps
Barium	135-1	1504634	1533892	1551146	1529891	1.54	cps
Barium	137-1	2642137	2684786	2762974	2696632	2.27	cps
Beryllium	9-1	400259	407740	407351	405116	1.04	cps
Bismuth	209-1	2921928	2917085	3037059	2958691	2.30	cps
Bismuth	209-2	1776897	1756193	1837775	1790288	2.37	cps
Boron	11-1	125777	139098	150042	138306	8.79	cps
Boron	10-1	25559	28281	30209	28016	8.34	cps
Bromine	81-1	6959	6959	7670	7196	5.70	cps
Cadmium	106-1	35764	35839	37535	36379	2.75	cps
Cadmium	108-1	22473	23946	23253	23224	3.17	cps
Cadmium	111-1	287962	296236	292960	292386	1.43	cps
Calcium	43-1	1911714	2024089	2006994	1980932	3.06	cps
Calcium	44-1	32614023	33507809	33338529	33153454	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	444645	449606	441982	445411	0.87	cps
Cobalt	59-2	749365	751104	746750	749073	0.29	cps
Copper	63-2	5477924	5487612	5443308	5469615	0.43	cps
Dysprosium	156-1	367	300	275	314	15.10	cps
Dysprosium	156-2	207	203	213	208	2.45	cps
Erbium	164-1	58	100	75	78	26.97	cps
Erbium	164-2	33	20	43	32	36.33	cps
Gadolinium	160-2	187	213	233	211	11.09	cps
Gadolinium	160-1	375	350	425	383	9.96	cps
Holmium	165-1	5462357	5461177	5636602	5520045	1.83	cps
Holmium	165-2	2758495	2715890	2835757	2770047	2.19	cps
Indium	115-1	5186696	5280203	5318678	5261859	1.29	cps
Indium	115-2	853365	842755	860124	852081	1.03	cps
Iron	56-2	85266210	85377305	84975338	85206284	0.24	cps
Iron	57-2	2123126	2130394	2127433	2126984	0.17	cps
Iron	54-2	4794930	4678051	4616644	4696542	1.93	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:08:46	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4577	4647	4614	4613	0.76	cps
Lead	206-1	3647644	3656937	3734385	3679655	1.29	cps
Lead	207-1	3313837	3269068	3330781	3304562	0.96	cps
Lead	208-1	14538920	14533994	14818050	14630321	1.11	cps
Lithium	6-1	2972042	3033064	2959401	2988169	1.32	cps
Magnesium	24-2	15461827	15846328	15798880	15702345	1.34	cps
Manganese	55-2	2223616	2170627	2176018	2190087	1.33	cps
Molybdenum	94-1	3131646	3163053	3211476	3168725	1.27	cps
Molybdenum	95-1	3893424	3863869	3966873	3908055	1.36	cps
Molybdenum	96-1	4209756	4253026	4357916	4273566	1.78	cps
Molybdenum	97-1	2375566	2385907	2456512	2405995	1.83	cps
Molybdenum	98-1	6102559	6125464	6227588	6151870	1.08	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Neodymium	150-1	93	100	87	93	7.14	cps
Nickel	60-2	203528	205625	204563	204572	0.51	cps
Phosphorus	31-2	13173	13382	13357	13304	0.86	cps
Potassium	39-2	6329124	6349580	6425380	6368028	0.80	cps
Rhodium	103-1	5068786	5062656	5139008	5090150	0.83	cps
Rhodium	103-2	2372519	2326725	2358537	2352593	1.00	cps
Scandium	45-1	3711280	3748918	3730035	3730077	0.50	cps
Scandium	45-2	142355	139853	142611	141606	1.08	cps
Selenium	77-2	663	740	753	719	6.76	cps
Selenium	78-2	2400	2409	2390	2400	0.40	cps
Selenium	82-1	22828	22876	23108	22937	0.65	cps
Silicon	28-1	2277426	2381164	2392534	2350374	2.70	cps
Silver	109-1	1530883	1562095	1575224	1556067	1.46	cps
Silver	107-1	1613852	1662967	1653140	1643320	1.58	cps
Sodium	23-2	30178778	30411649	30473888	30354772	0.51	cps
Strontium	86-1	511537	519808	525207	518851	1.33	cps
Strontium	88-1	4254476	4376083	4398148	4342902	1.78	cps
Sulfur	34-1	572206	592978	597135	587440	2.27	cps
Terbium	159-1	5795836	5878006	6022789	5898877	1.95	cps
Terbium	159-2	2728432	2752115	2858994	2779847	2.50	cps
Thallium	205-1	2106828	2116400	2141170	2121466	0.84	cps
Thallium	203-1	892953	874430	892451	886612	1.19	cps
Tin	118-1	1044257	1062138	1076328	1060908	1.51	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:08:46	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1111544	1132890	1155009	1133148	1.92	cps
Uranium	238-1	2613414	2704134	2699382	2672310	1.91	cps
Vanadium	51-2	364165	364059	361214	363146	0.46	cps
Yttrium	89-1	12531369	13018617	13117264	12889083	2.43	cps
Yttrium	89-2	1353305	1360651	1378674	1364210	0.96	cps
Zinc	66-2	666560	666456	662881	665299	0.31	cps
Zirconium	90-1	2585735	2663392	2663039	2637389	1.70	cps
Zirconium	91-1	582503	591798	588682	587661	0.81	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P8
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 12:18:51 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	351	329	327	336	3.98	cps
Antimony	121-1	108	50	167	108	53.85	cps
Arsenic	75-2	5	10	6	7	37.80	cps
Barium	135-1	33	17	33	28	34.63	cps
Barium	137-1	33	33	50	39	24.75	cps
Beryllium	9-1	52	46	46	48	7.22	cps
Bismuth	209-1	2888626	3006790	2953237	2949551	2.01	cps
Bismuth	209-2	1848453	1802879	1750880	1800737	2.71	cps
Boron	11-1	3350	3564	3214	3376	5.23	cps
Boron	10-1	698	730	788	739	6.18	cps
Bromine	81-1	6959	6949	7299	7069	2.82	cps
Cadmium	106-1	2942	2767	2950	2886	3.59	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Cadmium	111-1	316	296	299	304	3.64	cps
Calcium	43-1	265	312	274	284	8.91	cps
Calcium	44-1	14922	14996	14915	14944	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	613	563	620	599	5.17	cps
Cobalt	59-2	37	63	37	46	33.79	cps
Copper	63-2	563	647	687	632	9.95	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	0	17	7	8	107.84	cps
Gadolinium	160-2	3	10	27	13	90.16	cps
Gadolinium	160-1	58	58	50	56	8.67	cps
Holmium	165-1	5095391	5276809	5295821	5222674	2.12	cps
Holmium	165-2	2688055	2618684	2667737	2658159	1.34	cps
Indium	115-1	5029769	5184446	5252064	5155426	2.21	cps
Indium	115-2	840752	829551	830784	833695	0.74	cps
Iron	56-2	2567	2472	2356	2465	4.29	cps
Iron	57-2	100	94	83	93	9.16	cps
Iron	54-2	428	372	378	393	7.79	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:18:51	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4951	4841	4644	4812	3.23	cps
Lead	206-1	417	261	339	339	22.95	cps
Lead	207-1	233	272	256	254	7.69	cps
Lead	208-1	1378	1228	1194	1267	7.71	cps
Lithium	6-1	2688738	2618470	2657995	2655068	1.33	cps
Magnesium	24-2	533	500	567	533	6.25	cps
Manganese	55-2	33	77	87	66	43.25	cps
Molybdenum	94-1	200	208	117	175	28.97	cps
Molybdenum	95-1	208	100	133	147	37.69	cps
Molybdenum	96-1	217	167	142	175	21.82	cps
Molybdenum	97-1	100	50	42	64	49.38	cps
Molybdenum	98-1	308	100	167	192	55.51	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Nickel	60-2	83	57	87	76	21.76	cps
Phosphorus	31-2	292	475	350	372	25.16	cps
Potassium	39-2	26659	26416	26734	26603	0.62	cps
Rhodium	103-1	4876422	5037113	5141109	5018215	2.66	cps
Rhodium	103-2	2412794	2280269	2298872	2330645	3.08	cps
Scandium	45-1	3559114	3610270	3579228	3582870	0.72	cps
Scandium	45-2	138041	134610	136384	136345	1.26	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	32	35	46	38	19.57	cps
Selenium	82-1	-116	-67	-6	-63	-86.81	cps
Silicon	28-1	1205370	1184148	1195354	1194957	0.89	cps
Silver	109-1	50	75	17	47	61.97	cps
Silver	107-1	117	133	42	97	50.22	cps
Sodium	23-2	30274	30708	30699	30560	0.81	cps
Strontium	86-1	7669	7394	7177	7413	3.33	cps
Strontium	88-1	117	125	133	125	6.67	cps
Sulfur	34-1	454818	458132	462154	458368	0.80	cps
Terbium	159-1	5528827	5643701	5609107	5593878	1.05	cps
Terbium	159-2	2665283	2667591	2605808	2646227	1.32	cps
Thallium	205-1	192	242	117	183	34.32	cps
Thallium	203-1	67	75	150	97	47.21	cps
Tin	118-1	225	208	183	206	10.20	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:18:51	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	225	392	303	27.71	cps
Uranium	238-1	8	33	33	25	57.74	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Yttrium	89-1	12048235	12128083	12273243	12149854	0.94	cps
Yttrium	89-2	1316882	1316648	1307603	1313711	0.40	cps
Zinc	66-2	63	77	67	69	10.08	cps
Zirconium	90-1	325	508	433	422	21.83	cps
Zirconium	91-1	133	108	58	100	38.19	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:21:41	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	732	716	745	731	1.97	cps
Antimony	121-1	5134	5493	5668	5432	5.01	cps
Arsenic	75-2	96	86	87	90	6.14	cps
Barium	135-1	6218	5743	6327	6096	5.09	cps
Barium	137-1	10671	11138	10179	10663	4.50	cps
Beryllium	9-1	820	790	832	814	2.66	cps
Bismuth	209-1	2942415	2898391	3021734	2954180	2.12	cps
Bismuth	209-2	1882617	1783284	1821297	1829066	2.74	cps
Boron	11-1	7979	8471	9481	8644	8.86	cps
Boron	10-1	1680	1782	1892	1784	5.94	cps
Bromine	81-1	6358	6648	7039	6682	5.11	cps
Cadmium	106-1	2867	3067	3100	3012	4.19	cps
Cadmium	108-1	75	46	54	58	25.76	cps
Cadmium	111-1	872	962	943	926	5.15	cps
Calcium	43-1	4116	4256	4166	4180	1.70	cps
Calcium	44-1	78366	80238	80743	79783	1.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2417	2197	2207	2274	5.47	cps
Cobalt	59-2	1463	1527	1557	1516	3.14	cps
Copper	63-2	2987	2947	3087	3007	2.40	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	17	100	50	88.19	cps
Erbium	164-2	20	17	3	13	66.16	cps
Gadolinium	160-2	37	30	7	24	64.43	cps
Gadolinium	160-1	58	25	75	53	48.24	cps
Holmium	165-1	5365065	5143705	5306000	5271590	2.17	cps
Holmium	165-2	2695646	2580465	2661682	2645931	2.24	cps
Indium	115-1	5189725	5110522	5205932	5168726	0.99	cps
Indium	115-2	835917	833319	837943	835727	0.28	cps
Iron	56-2	35216	36525	37544	36428	3.20	cps
Iron	57-2	861	1039	972	957	9.38	cps
Iron	54-2	2439	2428	2461	2443	0.69	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:21:41	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4437	4591	4597	4542	1.99	cps
Lead	206-1	1817	1595	1622	1678	7.22	cps
Lead	207-1	1583	1500	1478	1520	3.66	cps
Lead	208-1	7140	7040	6706	6962	3.26	cps
Lithium	6-1	2658269	2591976	2678574	2642940	1.71	cps
Magnesium	24-2	31560	31167	32762	31830	2.61	cps
Manganese	55-2	463	487	433	461	5.80	cps
Molybdenum	94-1	6202	6185	5985	6124	1.97	cps
Molybdenum	95-1	7444	7285	7052	7260	2.71	cps
Molybdenum	96-1	8103	8436	8136	8225	2.23	cps
Molybdenum	97-1	4593	5043	4793	4809	4.69	cps
Molybdenum	98-1	11714	12272	11363	11783	3.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Nickel	60-2	410	520	490	473	12.01	cps
Phosphorus	31-2	233	358	333	308	21.45	cps
Potassium	39-2	51969	51317	50054	51113	1.90	cps
Rhodium	103-1	5110686	5169222	5121782	5133897	0.61	cps
Rhodium	103-2	2330155	2367032	2340161	2345782	0.81	cps
Scandium	45-1	3596851	3528312	3649960	3591708	1.70	cps
Scandium	45-2	136405	136983	137036	136808	0.26	cps
Selenium	77-2	23	7	17	16	53.90	cps
Selenium	78-2	76	77	54	69	18.84	cps
Selenium	82-1	472	256	256	328	38.01	cps
Silicon	28-1	1236388	1226082	1200090	1220853	1.53	cps
Silver	109-1	2392	2850	3050	2764	12.21	cps
Silver	107-1	2984	3117	3150	3084	2.86	cps
Sodium	23-2	89331	89541	90137	89669	0.47	cps
Strontium	86-1	8111	8169	7894	8058	1.80	cps
Strontium	88-1	9137	8319	8736	8731	4.68	cps
Sulfur	34-1	459377	463511	461162	461350	0.45	cps
Terbium	159-1	5645016	5574236	5592255	5603836	0.66	cps
Terbium	159-2	2641969	2618360	2706724	2655685	1.72	cps
Thallium	205-1	4318	4034	4193	4181	3.40	cps
Thallium	203-1	1967	2084	1684	1911	10.76	cps
Tin	118-1	10404	10538	11247	10729	4.22	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:21:41	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2359	2484	2525	2456	3.53	cps
Uranium	238-1	5293	4768	4968	5009	5.29	cps
Vanadium	51-2	3607	3691	3477	3592	2.99	cps
Yttrium	89-1	12163708	11882435	12304804	12116982	1.77	cps
Yttrium	89-2	1330526	1323736	1326566	1326943	0.26	cps
Zinc	66-2	420	287	343	350	19.12	cps
Zirconium	90-1	5318	5818	5443	5526	4.71	cps
Zirconium	91-1	1275	1258	1308	1281	1.99	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : PB135338BL Instrumnet Name : P8
 Client Sample ID : PB135338BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 12:24:33 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	327	330	327	328	0.44	cps
Antimony	121-1	75	83	125	94	28.37	cps
Arsenic	75-2	5	11	7	8	39.85	cps
Barium	135-1	33	8	17	19	65.47	cps
Barium	137-1	42	0	17	19	107.85	cps
Beryllium	9-1	54	44	24	41	37.55	cps
Bismuth	209-1	2939525	2981138	3011988	2977550	1.22	cps
Bismuth	209-2	1829880	1797809	1880133	1835941	2.26	cps
Boron	11-1	3082	3008	2810	2966	4.74	cps
Boron	10-1	616	654	612	627	3.70	cps
Bromine	81-1	7951	8722	10014	8895	11.72	cps
Cadmium	106-1	2967	3117	3317	3134	5.60	cps
Cadmium	108-1	17	0	13	10	89.22	cps
Cadmium	111-1	302	328	335	322	5.53	cps
Calcium	43-1	297	325	321	315	4.74	cps
Calcium	44-1	14539	14696	14552	14596	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	650	653	537	613	10.83	cps
Cobalt	59-2	53	37	47	46	18.41	cps
Copper	63-2	623	643	620	629	2.01	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	20	10	10	13	43.30	cps
Gadolinium	160-2	10	17	23	17	39.99	cps
Gadolinium	160-1	67	58	33	53	32.87	cps
Holmium	165-1	5186247	5319259	5323002	5276169	1.48	cps
Holmium	165-2	2675778	2654560	2695215	2675184	0.76	cps
Indium	115-1	5051923	5238688	5210834	5167148	1.95	cps
Indium	115-2	836214	837361	860762	844779	1.64	cps
Iron	56-2	2361	2489	2500	2450	3.15	cps
Iron	57-2	61	89	133	94	38.58	cps
Iron	54-2	483	389	417	430	11.30	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	PB135338BL	Instrumnet Name :	P8
Client Sample ID :	PB135338BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:24:33	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4884	4554	4394	4611	5.42	cps
Lead	206-1	228	283	311	274	15.48	cps
Lead	207-1	261	278	228	256	9.96	cps
Lead	208-1	1006	1233	1111	1117	10.21	cps
Lithium	6-1	2529964	2610458	2674558	2604993	2.78	cps
Magnesium	24-2	300	450	433	394	20.84	cps
Manganese	55-2	83	77	63	74	13.68	cps
Molybdenum	94-1	208	100	150	153	35.49	cps
Molybdenum	95-1	50	92	58	67	33.08	cps
Molybdenum	96-1	108	125	58	97	35.69	cps
Molybdenum	97-1	17	17	17	17	0.00	cps
Molybdenum	98-1	142	75	50	89	53.31	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Nickel	60-2	57	57	60	58	3.33	cps
Phosphorus	31-2	375	325	300	333	11.46	cps
Potassium	39-2	24997	24889	26016	25300	2.46	cps
Rhodium	103-1	5075523	5194904	5139824	5136750	1.16	cps
Rhodium	103-2	2405134	2366641	2394951	2388909	0.83	cps
Scandium	45-1	3480653	3739986	3659840	3626826	3.66	cps
Scandium	45-2	136201	137477	138416	137365	0.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	53	60	45	53	14.26	cps
Selenium	82-1	-256	8	61	-62	-272.85	cps
Silicon	28-1	1217674	1189396	1233036	1213369	1.82	cps
Silver	109-1	25	92	33	50	72.65	cps
Silver	107-1	100	133	67	100	33.33	cps
Sodium	23-2	29581	28395	29021	28999	2.05	cps
Strontium	86-1	7344	6718	6610	6891	5.75	cps
Strontium	88-1	100	75	92	89	14.32	cps
Sulfur	34-1	463795	464162	459861	462606	0.52	cps
Terbium	159-1	5504641	5647720	5745946	5632769	2.15	cps
Terbium	159-2	2668034	2646123	2773306	2695821	2.52	cps
Thallium	205-1	167	183	167	172	5.59	cps
Thallium	203-1	83	108	50	81	36.33	cps
Tin	118-1	217	158	183	186	15.72	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	PB135338BL	Instrumnet Name :	P8
Client Sample ID :	PB135338BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:24:33	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	308	300	297	4.28	cps
Uranium	238-1	8	25	8	14	69.31	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	11911638	12440148	12192944	12181576	2.17	cps
Yttrium	89-2	1316353	1328466	1356658	1333826	1.55	cps
Zinc	66-2	80	33	70	61	40.21	cps
Zirconium	90-1	383	367	317	356	9.76	cps
Zirconium	91-1	58	67	133	86	47.74	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : PB135338BS Instrumnet Name : P8
 Client Sample ID : PB135338BS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 12:27:23 DataFile Name : 026LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226005	223274	221009	223430	1.12	cps
Antimony	121-1	1437453	1479392	1479229	1465358	1.65	cps
Arsenic	75-2	50084	49398	49303	49595	0.86	cps
Barium	135-1	1560954	1592616	1631443	1595004	2.21	cps
Barium	137-1	2717067	2733056	2875629	2775251	3.15	cps
Beryllium	9-1	389785	409645	411328	403586	2.97	cps
Bismuth	209-1	2907200	2956665	3018106	2960657	1.88	cps
Bismuth	209-2	1840589	1843278	1831685	1838517	0.33	cps
Boron	11-1	117758	135359	147816	133644	11.30	cps
Boron	10-1	23830	27705	29620	27052	10.90	cps
Bromine	81-1	10284	11847	12258	11463	9.08	cps
Cadmium	106-1	37385	39524	38830	38580	2.83	cps
Cadmium	108-1	23771	24889	24551	24404	2.35	cps
Cadmium	111-1	303824	312839	318037	311567	2.31	cps
Calcium	43-1	405604	420842	423008	416485	2.28	cps
Calcium	44-1	6642084	7078859	7048208	6923050	3.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	464297	464169	462283	463583	0.24	cps
Cobalt	59-2	799303	795989	787933	794408	0.74	cps
Copper	63-2	5907847	5869855	5825126	5867609	0.71	cps
Dysprosium	156-1	75	117	67	86	31.11	cps
Dysprosium	156-2	77	47	47	57	30.56	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	20	23	23	22	8.65	cps
Gadolinium	160-2	60	77	90	76	19.89	cps
Gadolinium	160-1	117	192	167	158	24.12	cps
Holmium	165-1	5281142	5557086	5431580	5423269	2.55	cps
Holmium	165-2	2721757	2715102	2671804	2702888	1.00	cps
Indium	115-1	5176747	5312979	5279366	5256364	1.35	cps
Indium	115-2	845499	840445	828960	838301	1.01	cps
Iron	56-2	18355050	18374589	18115347	18281662	0.79	cps
Iron	57-2	455242	455860	444544	451882	1.41	cps
Iron	54-2	1021370	1008965	1011384	1013906	0.65	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	PB135338BS	Instrumnet Name :	P8
Client Sample ID :	PB135338BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:27:23	DataFile Name :	026LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4501	4607	4617	4575	1.41	cps
Lead	206-1	3873065	3968034	3966103	3935734	1.38	cps
Lead	207-1	3526012	3583232	3532157	3547134	0.89	cps
Lead	208-1	15449719	15903304	15808026	15720350	1.52	cps
Lithium	6-1	2610510	2746048	2673788	2676782	2.53	cps
Magnesium	24-2	3485839	3386693	3384235	3418922	1.70	cps
Manganese	55-2	2320835	2283771	2276278	2293628	1.04	cps
Molybdenum	94-1	3209580	3327526	3292587	3276564	1.85	cps
Molybdenum	95-1	4050963	4139140	4114423	4101509	1.11	cps
Molybdenum	96-1	4372891	4465968	4409673	4416177	1.06	cps
Molybdenum	97-1	2441726	2550614	2477753	2490031	2.23	cps
Molybdenum	98-1	6288954	6470941	6406899	6388931	1.44	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Neodymium	150-1	120	87	80	96	22.43	cps
Nickel	60-2	221248	216530	215830	217869	1.35	cps
Phosphorus	31-2	13290	14057	14191	13846	3.51	cps
Potassium	39-2	1386745	1374693	1357992	1373144	1.05	cps
Rhodium	103-1	5073005	5239791	5234339	5182379	1.83	cps
Rhodium	103-2	2393920	2323686	2333390	2350332	1.62	cps
Scandium	45-1	3564124	3778049	3706764	3682979	2.96	cps
Scandium	45-2	140881	139874	134536	138430	2.46	cps
Selenium	77-2	700	683	783	722	7.42	cps
Selenium	78-2	2578	2547	2504	2543	1.44	cps
Selenium	82-1	23699	24208	24161	24023	1.17	cps
Silicon	28-1	2137572	2191787	2204817	2178058	1.64	cps
Silver	109-1	1638582	1668595	1681359	1662846	1.32	cps
Silver	107-1	1689928	1794824	1774887	1753213	3.18	cps
Sodium	23-2	6542007	6508665	6476700	6509124	0.50	cps
Strontium	86-1	521337	538826	541975	534046	2.08	cps
Strontium	88-1	4326019	4457857	4508021	4430632	2.12	cps
Sulfur	34-1	616835	615464	621206	617835	0.49	cps
Terbium	159-1	5599885	6065346	5931137	5865456	4.08	cps
Terbium	159-2	2720107	2665283	2682967	2689453	1.04	cps
Thallium	205-1	2187621	2312626	2270903	2257050	2.82	cps
Thallium	203-1	908526	967120	948823	941490	3.18	cps
Tin	118-1	1102459	1142625	1126097	1123727	1.80	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	PB135338BS	Instrumnet Name :	P8
Client Sample ID :	PB135338BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:27:23	DataFile Name :	026LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1126557	1179250	1192373	1166060	2.99	cps
Uranium	238-1	2714877	2762794	2854811	2777494	2.56	cps
Vanadium	51-2	378318	377343	375523	377061	0.38	cps
Yttrium	89-1	12297445	12572262	12568533	12479413	1.26	cps
Yttrium	89-2	1358447	1330741	1322483	1337224	1.41	cps
Zinc	66-2	715736	715136	714272	715048	0.10	cps
Zirconium	90-1	2649010	2737647	2844679	2743779	3.57	cps
Zirconium	91-1	595998	614763	620283	610348	2.09	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-02	Instrumnet Name :	P8
Client Sample ID :	MW-106I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:30:13	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	474	486	466	475	2.13	cps
Antimony	121-1	1500	1417	1458	1458	2.86	cps
Arsenic	75-2	786	802	846	811	3.83	cps
Barium	135-1	53690	56452	57155	55766	3.28	cps
Barium	137-1	94731	97350	96737	96273	1.42	cps
Beryllium	9-1	260	262	206	243	13.09	cps
Bismuth	209-1	2875891	2835096	2975059	2895349	2.49	cps
Bismuth	209-2	1855296	1881352	1850155	1862268	0.90	cps
Boron	11-1	293996	330127	351804	325309	8.98	cps
Boron	10-1	57802	65706	69805	64438	9.47	cps
Bromine	81-1	565393	719000	817000	700464	18.11	cps
Cadmium	106-1	2792	2759	2934	2828	3.29	cps
Cadmium	108-1	38	25	42	35	24.98	cps
Cadmium	111-1	386	425	410	407	4.80	cps
Calcium	43-1	123433	126699	128288	126140	1.96	cps
Calcium	44-1	2062255	2148048	2190795	2133699	3.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	817	763	957	846	11.81	cps
Cobalt	59-2	317	320	273	303	8.58	cps
Copper	63-2	3414	2877	2850	3047	10.43	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	3	17	13	11	62.48	cps
Erbium	164-1	33	83	42	53	50.76	cps
Erbium	164-2	17	7	13	12	41.65	cps
Gadolinium	160-2	37	30	30	32	11.95	cps
Gadolinium	160-1	33	50	92	58	51.51	cps
Holmium	165-1	5206680	5315331	5690522	5404177	4.70	cps
Holmium	165-2	2834632	2882279	2847209	2854707	0.86	cps
Indium	115-1	4973292	4956509	5364707	5098169	4.53	cps
Indium	115-2	874832	879981	877549	877454	0.29	cps
Iron	56-2	39655	39310	37589	38851	2.85	cps
Iron	57-2	983	1022	889	965	7.11	cps
Iron	54-2	2322	2100	2506	2309	8.80	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-02	Instrumnet Name :	P8
Client Sample ID :	MW-106I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:30:13	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4641	4467	4764	4624	3.22	cps
Lead	206-1	2406	2022	1767	2065	15.57	cps
Lead	207-1	2028	2056	1506	1863	16.63	cps
Lead	208-1	9246	8812	7079	8379	13.69	cps
Lithium	6-1	2643130	2671237	2758931	2691099	2.24	cps
Magnesium	24-2	2771351	2720318	2731800	2741156	0.98	cps
Manganese	55-2	3037	2754	2990	2927	5.19	cps
Molybdenum	94-1	14942	14650	14675	14755	1.10	cps
Molybdenum	95-1	24172	24706	24898	24592	1.53	cps
Molybdenum	96-1	26943	26359	26209	26504	1.46	cps
Molybdenum	97-1	14750	14967	14808	14842	0.76	cps
Molybdenum	98-1	39799	39064	39173	39345	1.01	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Nickel	60-2	243	240	263	249	5.07	cps
Phosphorus	31-2	1008	992	1083	1028	4.75	cps
Potassium	39-2	2172754	2137622	2177569	2162649	1.01	cps
Rhodium	103-1	4893092	4917611	5104574	4971759	2.33	cps
Rhodium	103-2	2378121	2400780	2426852	2401918	1.02	cps
Scandium	45-1	3575378	3584310	3795629	3651772	3.41	cps
Scandium	45-2	144409	143119	143347	143625	0.48	cps
Selenium	77-2	3	0	13	6	124.93	cps
Selenium	78-2	39	37	52	43	19.10	cps
Selenium	82-1	80	238	111	143	58.80	cps
Silicon	28-1	7313435	7553912	7549331	7472226	1.84	cps
Silver	109-1	1950	1633	1108	1564	27.18	cps
Silver	107-1	2159	1392	967	1506	40.12	cps
Sodium	23-2	102335102	101568071	102927111	102276761	0.67	cps
Strontium	86-1	366404	368146	374428	369659	1.14	cps
Strontium	88-1	3086747	3112924	3180573	3126748	1.55	cps
Sulfur	34-1	1131214	1162903	1158004	1150707	1.48	cps
Terbium	159-1	5641331	5512548	5829467	5661115	2.82	cps
Terbium	159-2	2897389	2826727	2849137	2857751	1.26	cps
Thallium	205-1	1692	1275	1325	1431	15.90	cps
Thallium	203-1	725	525	492	581	21.74	cps
Tin	118-1	800	733	642	725	10.97	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-02	Instrumnet Name :	P8
Client Sample ID :	MW-106I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:30:13	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1433	1092	1367	1297	13.96	cps
Uranium	238-1	6252	6285	5676	6071	5.64	cps
Vanadium	51-2	4984	4751	4831	4855	2.44	cps
Yttrium	89-1	12321714	11946828	12738514	12335685	3.21	cps
Yttrium	89-2	1404086	1406243	1400214	1403514	0.22	cps
Zinc	66-2	1103	1107	973	1061	7.17	cps
Zirconium	90-1	1859	1809	3460	2376	39.55	cps
Zirconium	91-1	483	358	300	381	24.61	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03	Instrumnet Name :	P8
Client Sample ID :	MW-106S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:33:01	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	514	499	472	495	4.22	cps
Antimony	121-1	350	575	417	447	25.84	cps
Arsenic	75-2	23	19	30	24	23.20	cps
Barium	135-1	81235	81940	82192	81789	0.61	cps
Barium	137-1	139652	146110	145345	143702	2.46	cps
Beryllium	9-1	78	64	74	72	10.02	cps
Bismuth	209-1	3070122	3010274	3029227	3036541	1.01	cps
Bismuth	209-2	1931448	1989372	2007348	1976056	2.01	cps
Boron	11-1	174550	188027	197814	186797	6.25	cps
Boron	10-1	34698	37388	39340	37142	6.28	cps
Bromine	81-1	467669	538832	584620	530374	11.11	cps
Cadmium	106-1	3217	3434	3200	3284	3.97	cps
Cadmium	108-1	33	21	29	28	22.92	cps
Cadmium	111-1	328	350	325	334	4.09	cps
Calcium	43-1	1513701	1513356	1488096	1505051	0.98	cps
Calcium	44-1	24649247	24575293	24491307	24571949	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	857	837	907	867	4.16	cps
Cobalt	59-2	183	190	220	198	9.87	cps
Copper	63-2	1220	1350	1277	1282	5.08	cps
Dysprosium	156-1	75	50	50	58	24.74	cps
Dysprosium	156-2	20	30	7	19	61.96	cps
Erbium	164-1	25	67	83	58	51.51	cps
Erbium	164-2	37	30	20	29	29.04	cps
Gadolinium	160-2	27	27	20	24	15.75	cps
Gadolinium	160-1	92	117	83	97	17.84	cps
Holmium	165-1	5770037	5645084	5723567	5712896	1.11	cps
Holmium	165-2	2898267	2999053	3013729	2970350	2.12	cps
Indium	115-1	5477339	5558189	5459675	5498401	0.96	cps
Indium	115-2	905440	946102	924695	925412	2.20	cps
Iron	56-2	71500	70681	71775	71318	0.80	cps
Iron	57-2	1956	2072	1872	1967	5.11	cps
Iron	54-2	4051	4223	4184	4153	2.18	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03	Instrumnet Name :	P8
Client Sample ID :	MW-106S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:33:01	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4561	4681	4771	4671	2.26	cps
Lead	206-1	689	694	817	733	9.85	cps
Lead	207-1	667	589	628	628	6.20	cps
Lead	208-1	2811	2911	2995	2906	3.16	cps
Lithium	6-1	2928543	2979981	2950524	2953016	0.87	cps
Magnesium	24-2	3002934	3021315	2988599	3004283	0.55	cps
Manganese	55-2	103750	104965	102575	103763	1.15	cps
Molybdenum	94-1	1033	1158	1208	1133	7.95	cps
Molybdenum	95-1	592	567	567	575	2.51	cps
Molybdenum	96-1	817	900	758	825	8.63	cps
Molybdenum	97-1	458	1185	350	665	68.35	cps
Molybdenum	98-1	1050	917	933	967	7.52	cps
Neodymium	150-2	27	17	7	17	59.99	cps
Neodymium	150-1	40	47	27	38	26.95	cps
Nickel	60-2	220	323	373	306	25.59	cps
Phosphorus	31-2	483	600	608	564	12.39	cps
Potassium	39-2	1518600	1531747	1469066	1506471	2.19	cps
Rhodium	103-1	5297772	5202510	5240017	5246766	0.91	cps
Rhodium	103-2	2488200	2566485	2517008	2523898	1.57	cps
Scandium	45-1	3894374	3897304	3927950	3906543	0.48	cps
Scandium	45-2	148835	154397	150975	151403	1.85	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	56	56	45	52	12.14	cps
Selenium	82-1	223	124	-98	83	198.98	cps
Silicon	28-1	23435947	23824349	23882576	23714291	1.02	cps
Silver	109-1	158	125	142	142	11.77	cps
Silver	107-1	133	158	183	158	15.79	cps
Sodium	23-2	45255795	45689009	45791027	45578610	0.62	cps
Strontium	86-1	1374387	1415972	1428370	1406243	2.01	cps
Strontium	88-1	11513307	12152400	11866946	11844218	2.70	cps
Sulfur	34-1	859822	865884	874724	866810	0.86	cps
Terbium	159-1	6114051	6043901	6036659	6064870	0.70	cps
Terbium	159-2	2942817	3041537	2952656	2979003	1.83	cps
Thallium	205-1	167	117	142	142	17.65	cps
Thallium	203-1	58	83	42	61	34.32	cps
Tin	118-1	325	250	300	292	13.09	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03	Instrumnet Name :	P8
Client Sample ID :	MW-106S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:33:01	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	817	975	900	897	8.83	cps
Uranium	238-1	5985	5601	6035	5874	4.04	cps
Vanadium	51-2	1173	1127	1033	1111	6.42	cps
Yttrium	89-1	13050044	13411416	13009116	13156859	1.68	cps
Yttrium	89-2	1447433	1505568	1503928	1485643	2.23	cps
Zinc	66-2	490	573	557	540	8.17	cps
Zirconium	90-1	2117	2409	2517	2347	8.81	cps
Zirconium	91-1	542	608	483	544	11.49	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : M1770-03DUP Instrumnet Name : P8
 Client Sample ID : MW-106SDUP Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 12:35:52 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	414	1289	502	735	65.54	cps
Antimony	121-1	333	734	350	472	47.95	cps
Arsenic	75-2	20	26	20	22	15.75	cps
Barium	135-1	81898	81076	85159	82711	2.61	cps
Barium	137-1	143448	145336	143980	144255	0.67	cps
Beryllium	9-1	54	52	48	51	5.95	cps
Bismuth	209-1	3115202	3130089	3055394	3100228	1.28	cps
Bismuth	209-2	1906035	1649683	1890623	1815447	7.92	cps
Boron	11-1	171287	185907	194572	183922	6.40	cps
Boron	10-1	34397	36949	39024	36790	6.30	cps
Bromine	81-1	448081	522591	584058	518244	13.14	cps
Cadmium	106-1	3117	3401	3067	3195	5.63	cps
Cadmium	108-1	25	8	33	22	57.29	cps
Cadmium	111-1	307	372	296	325	12.63	cps
Calcium	43-1	1527032	1566529	1584794	1559452	1.89	cps
Calcium	44-1	24545809	25631117	25564264	25247063	2.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	860	937	913	903	4.35	cps
Cobalt	59-2	187	257	170	204	22.50	cps
Copper	63-2	1237	1714	1160	1370	21.89	cps
Dysprosium	156-1	58	50	67	58	14.29	cps
Dysprosium	156-2	33	3	17	18	84.55	cps
Erbium	164-1	58	50	67	58	14.29	cps
Erbium	164-2	13	10	30	18	60.28	cps
Gadolinium	160-2	43	60	37	47	25.75	cps
Gadolinium	160-1	67	75	83	75	11.11	cps
Holmium	165-1	5656314	5828198	5820546	5768353	1.68	cps
Holmium	165-2	2944996	2543109	2944190	2810765	8.25	cps
Indium	115-1	5484122	5567296	5599124	5550181	1.07	cps
Indium	115-2	898408	786168	903318	862631	7.68	cps
Iron	56-2	62966	74827	62659	66817	10.38	cps
Iron	57-2	1700	2184	1956	1946	12.43	cps
Iron	54-2	3589	4690	3873	4051	14.11	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03DUP	Instrumnet Name :	P8
Client Sample ID :	MW-106SDUP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:35:52	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4818	4594	4814	4742	2.70	cps
Lead	206-1	789	628	706	707	11.39	cps
Lead	207-1	617	661	544	607	9.69	cps
Lead	208-1	2939	2633	2772	2782	5.50	cps
Lithium	6-1	2919191	2943229	2999032	2953817	1.39	cps
Magnesium	24-2	3033986	3162546	3030236	3075589	2.45	cps
Manganese	55-2	105349	108825	106090	106755	1.71	cps
Molybdenum	94-1	1192	1133	1325	1217	8.08	cps
Molybdenum	95-1	375	500	517	464	16.69	cps
Molybdenum	96-1	817	625	625	689	16.06	cps
Molybdenum	97-1	250	350	233	278	22.72	cps
Molybdenum	98-1	825	708	558	697	19.17	cps
Neodymium	150-2	7	7	20	11	69.25	cps
Neodymium	150-1	40	20	33	31	32.73	cps
Nickel	60-2	220	230	263	238	9.54	cps
Phosphorus	31-2	708	617	508	611	16.38	cps
Potassium	39-2	1510866	1546866	1474514	1510749	2.39	cps
Rhodium	103-1	5287301	5348250	5274590	5303380	0.74	cps
Rhodium	103-2	2490333	2167141	2504304	2387260	7.99	cps
Scandium	45-1	3803513	4009440	3839326	3884093	2.83	cps
Scandium	45-2	147774	128770	145139	140561	7.32	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	43	42	51	45	10.89	cps
Selenium	82-1	104	229	-117	72	243.27	cps
Silicon	28-1	23674581	23716663	23817764	23736336	0.31	cps
Silver	109-1	58	75	67	67	12.49	cps
Silver	107-1	142	142	100	128	18.83	cps
Sodium	23-2	46152846	47499950	46057012	46569936	1.73	cps
Strontium	86-1	1420409	1441766	1437868	1433348	0.79	cps
Strontium	88-1	11968778	12214082	12086741	12089867	1.01	cps
Sulfur	34-1	880516	883883	881769	882056	0.19	cps
Terbium	159-1	6011603	6089180	6102310	6067698	0.81	cps
Terbium	159-2	2905086	2546739	2895693	2782506	7.34	cps
Thallium	205-1	133	125	133	131	3.68	cps
Thallium	203-1	33	75	75	61	39.37	cps
Tin	118-1	250	258	308	272	11.59	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03DUP	Instrumnet Name :	P8
Client Sample ID :	MW-106SDUP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:35:52	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	742	917	808	822	10.74	cps
Uranium	238-1	6485	6368	6235	6363	1.97	cps
Vanadium	51-2	1150	1310	1173	1211	7.14	cps
Yttrium	89-1	12995954	13396848	13184166	13192323	1.52	cps
Yttrium	89-2	1452699	1257005	1467767	1392490	8.44	cps
Zinc	66-2	373	480	417	423	12.67	cps
Zirconium	90-1	2434	2409	2109	2317	7.81	cps
Zirconium	91-1	567	358	567	497	24.19	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03LX5	Instrumnet Name :	P8
Client Sample ID :	MW-106SL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 12:38:40	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377	350	362	363	3.79	cps
Antimony	121-1	100	150	175	142	26.96	cps
Arsenic	75-2	10	19	17	15	30.82	cps
Barium	135-1	15359	15042	15768	15390	2.36	cps
Barium	137-1	26234	27128	26376	26580	1.81	cps
Beryllium	9-1	44	76	54	58	28.23	cps
Bismuth	209-1	3109881	3141070	3010124	3087025	2.22	cps
Bismuth	209-2	1888554	1854411	1888014	1876993	1.04	cps
Boron	11-1	57066	58012	58821	57966	1.52	cps
Boron	10-1	11546	11458	11666	11557	0.90	cps
Bromine	81-1	203461	208902	212380	208248	2.16	cps
Cadmium	106-1	3059	3067	2859	2995	3.94	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Cadmium	111-1	310	317	293	306	4.11	cps
Calcium	43-1	275235	282015	283749	280333	1.60	cps
Calcium	44-1	4739745	4817185	4651917	4736282	1.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	640	687	627	651	4.84	cps
Cobalt	59-2	80	80	40	67	34.64	cps
Copper	63-2	763	700	707	723	4.81	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	3	23	3	10	115.51	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	20	13	23	19	26.96	cps
Gadolinium	160-2	17	27	30	24	28.38	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Holmium	165-1	5488598	5689452	5451053	5543035	2.31	cps
Holmium	165-2	2824510	2683875	2771690	2760025	2.57	cps
Indium	115-1	5401425	5331445	5440236	5391035	1.02	cps
Indium	115-2	866361	845771	866157	859430	1.38	cps
Iron	56-2	15392	14730	14791	14971	2.44	cps
Iron	57-2	417	417	594	476	21.57	cps
Iron	54-2	1089	1033	1156	1093	5.60	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03LX5	Instrumnet Name :	P8
Client Sample ID :	MW-106SL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 12:38:40	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4511	4781	4931	4741	4.49	cps
Lead	206-1	339	389	333	354	8.65	cps
Lead	207-1	272	278	272	274	1.17	cps
Lead	208-1	1283	1400	1161	1282	9.32	cps
Lithium	6-1	2956797	2927077	2885750	2923208	1.22	cps
Magnesium	24-2	563883	558592	568262	563579	0.86	cps
Manganese	55-2	18966	19180	19103	19083	0.57	cps
Molybdenum	94-1	342	408	317	356	13.33	cps
Molybdenum	95-1	117	75	175	122	41.10	cps
Molybdenum	96-1	117	192	242	183	34.32	cps
Molybdenum	97-1	83	83	67	78	12.37	cps
Molybdenum	98-1	217	150	200	189	18.37	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Neodymium	150-1	13	33	7	18	78.05	cps
Nickel	60-2	93	97	93	94	2.04	cps
Phosphorus	31-2	358	308	392	353	11.89	cps
Potassium	39-2	301494	295404	299519	298805	1.04	cps
Rhodium	103-1	5215516	5330816	5161009	5235780	1.66	cps
Rhodium	103-2	2481572	2319243	2450310	2417042	3.56	cps
Scandium	45-1	3833947	3830337	3683904	3782729	2.26	cps
Scandium	45-2	139497	134618	138993	137702	1.95	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	34	42	51	42	20.10	cps
Selenium	82-1	228	-150	-329	-84	-340.00	cps
Silicon	28-1	5296428	5404155	5427965	5376183	1.30	cps
Silver	109-1	42	8	42	31	62.99	cps
Silver	107-1	100	100	83	94	10.18	cps
Sodium	23-2	8530650	8482546	8473909	8495702	0.36	cps
Strontium	86-1	267653	278089	268643	271462	2.12	cps
Strontium	88-1	2257964	2260220	2258687	2258957	0.05	cps
Sulfur	34-1	545837	547902	552072	548604	0.58	cps
Terbium	159-1	5815096	6011307	5866320	5897574	1.73	cps
Terbium	159-2	2790787	2698713	2811222	2766907	2.17	cps
Thallium	205-1	133	117	83	111	22.91	cps
Thallium	203-1	8	33	83	42	91.66	cps
Tin	118-1	225	200	217	214	5.95	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03LX5	Instrumnet Name :	P8
Client Sample ID :	MW-106SL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 12:38:40	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	492	408	492	464	10.37	cps
Uranium	238-1	1225	1075	1275	1192	8.74	cps
Vanadium	51-2	253	223	183	220	15.96	cps
Yttrium	89-1	12769724	12858704	12558731	12729053	1.21	cps
Yttrium	89-2	1363040	1325799	1374622	1354487	1.88	cps
Zinc	66-2	143	137	150	143	4.65	cps
Zirconium	90-1	808	800	800	803	0.60	cps
Zirconium	91-1	167	142	200	169	17.27	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : CCV17 Instrumnet Name : P8
 Client Sample ID : CCV17 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 12:49:58 DataFile Name : 034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1039116	1040875	1042243	1040744	0.15	cps
Antimony	121-1	1396713	1420294	1430125	1415711	1.21	cps
Arsenic	75-2	47100	47444	47416	47320	0.40	cps
Barium	135-1	1543903	1574905	1601648	1573485	1.84	cps
Barium	137-1	2719323	2735974	2758104	2737801	0.71	cps
Beryllium	9-1	453899	459480	465180	459520	1.23	cps
Bismuth	209-1	3074287	3008620	3054338	3045748	1.11	cps
Bismuth	209-2	1910153	1903291	1986875	1933439	2.40	cps
Boron	11-1	164782	184702	194678	181387	8.39	cps
Boron	10-1	32868	36357	39545	36257	9.21	cps
Bromine	81-1	19634	19002	18561	19066	2.83	cps
Cadmium	106-1	37268	36650	37452	37123	1.13	cps
Cadmium	108-1	23019	23842	24008	23623	2.24	cps
Cadmium	111-1	292362	298391	299172	296641	1.26	cps
Calcium	43-1	2095584	2100602	2143607	2113265	1.25	cps
Calcium	44-1	34164098	33868896	35147134	34393376	1.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	441688	443048	442167	442301	0.16	cps
Cobalt	59-2	746120	747415	748560	747365	0.16	cps
Copper	63-2	5546767	5460828	5506918	5504838	0.78	cps
Dysprosium	156-1	408	383	317	369	12.83	cps
Dysprosium	156-2	190	163	187	180	8.07	cps
Erbium	164-1	92	58	83	78	22.30	cps
Erbium	164-2	50	40	33	41	20.41	cps
Gadolinium	160-2	273	227	277	259	10.80	cps
Gadolinium	160-1	350	392	292	344	14.58	cps
Holmium	165-1	5600901	5646449	5815862	5687737	1.99	cps
Holmium	165-2	2896955	2925260	3036091	2952769	2.49	cps
Indium	115-1	5373545	5482897	5325168	5393870	1.50	cps
Indium	115-2	858093	859562	897396	871684	2.56	cps
Iron	56-2	85083230	85236027	86234607	85517955	0.73	cps
Iron	57-2	2146830	2146469	2198358	2163886	1.38	cps
Iron	54-2	4760483	4806836	4773140	4780153	0.50	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:49:58	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4731	4587	4654	4657	1.54	cps
Lead	206-1	3756935	3917442	3815312	3829896	2.12	cps
Lead	207-1	3353769	3475683	3451949	3427134	1.89	cps
Lead	208-1	15112396	15463314	15385233	15320314	1.20	cps
Lithium	6-1	2866994	2917589	2939539	2908041	1.28	cps
Magnesium	24-2	16119971	16213306	16160725	16164668	0.29	cps
Manganese	55-2	2204665	2205342	2233494	2214500	0.74	cps
Molybdenum	94-1	3157997	3313249	3309311	3260186	2.72	cps
Molybdenum	95-1	3936205	4048053	4101361	4028540	2.09	cps
Molybdenum	96-1	4355458	4446684	4428318	4410153	1.09	cps
Molybdenum	97-1	2445793	2471200	2523100	2480031	1.59	cps
Molybdenum	98-1	6117703	6196442	6505207	6273117	3.26	cps
Neodymium	150-2	3	20	20	14	66.64	cps
Neodymium	150-1	60	87	80	76	18.37	cps
Nickel	60-2	202434	204019	205368	203940	0.72	cps
Phosphorus	31-2	12723	13899	13031	13217	4.61	cps
Potassium	39-2	6375991	6405572	6338336	6373299	0.53	cps
Rhodium	103-1	5093565	5275979	5322395	5230646	2.31	cps
Rhodium	103-2	2380307	2399501	2460547	2413452	1.74	cps
Scandium	45-1	3836098	3844011	3927780	3869296	1.31	cps
Scandium	45-2	140796	142746	146722	143421	2.11	cps
Selenium	77-2	720	663	767	717	7.22	cps
Selenium	78-2	2468	2327	2426	2407	3.01	cps
Selenium	82-1	22274	23077	23429	22927	2.58	cps
Silicon	28-1	2260895	2420914	2515694	2399167	5.37	cps
Silver	109-1	1543418	1599737	1599857	1581004	2.06	cps
Silver	107-1	1690281	1646935	1684846	1674021	1.41	cps
Sodium	23-2	31617003	31398627	31019666	31345099	0.96	cps
Strontium	86-1	523152	522607	523938	523232	0.13	cps
Strontium	88-1	4412657	4430994	4332940	4392197	1.19	cps
Sulfur	34-1	625258	618218	624676	622717	0.63	cps
Terbium	159-1	5970046	5923915	6006807	5966922	0.70	cps
Terbium	159-2	2893642	2908852	2981286	2927927	1.60	cps
Thallium	205-1	2132533	2244175	2196940	2191216	2.56	cps
Thallium	203-1	896449	935603	944578	925543	2.77	cps
Tin	118-1	1074067	1107190	1089169	1090142	1.52	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:49:58	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1168923	1161533	1174143	1168200	0.54	cps
Uranium	238-1	2832745	2790731	2881914	2835130	1.61	cps
Vanadium	51-2	359999	362260	363012	361757	0.43	cps
Yttrium	89-1	13104669	12816288	13012629	12977862	1.14	cps
Yttrium	89-2	1372279	1408381	1431089	1403916	2.11	cps
Zinc	66-2	658487	659758	667318	661854	0.72	cps
Zirconium	90-1	2710648	2688385	2694500	2697844	0.43	cps
Zirconium	91-1	599586	604058	604323	602655	0.44	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 12:59:33 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	307	311	302	307	1.43	cps
Antimony	121-1	117	158	208	161	28.49	cps
Arsenic	75-2	9	10	3	7	51.63	cps
Barium	135-1	8	17	8	11	43.34	cps
Barium	137-1	42	17	25	28	45.82	cps
Beryllium	9-1	64	70	66	67	4.58	cps
Bismuth	209-1	3052365	3027134	3087600	3055700	0.99	cps
Bismuth	209-2	1866505	1855971	1889826	1870767	0.93	cps
Boron	11-1	7867	7801	7628	7765	1.58	cps
Boron	10-1	1644	1404	1492	1513	8.02	cps
Bromine	81-1	10264	9283	9413	9653	5.52	cps
Cadmium	106-1	2892	2717	2909	2839	3.74	cps
Cadmium	108-1	8	17	21	15	41.67	cps
Cadmium	111-1	317	281	301	300	6.00	cps
Calcium	43-1	275	254	285	271	5.88	cps
Calcium	44-1	13715	13576	13560	13617	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	613	690	493	599	16.55	cps
Cobalt	59-2	30	37	33	33	10.01	cps
Copper	63-2	553	550	570	558	1.92	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	0	58	28	105.36	cps
Erbium	164-2	3	13	17	11	62.48	cps
Gadolinium	160-2	13	27	13	18	43.33	cps
Gadolinium	160-1	33	33	133	67	86.61	cps
Holmium	165-1	5376277	5406317	5460310	5414301	0.79	cps
Holmium	165-2	2682657	2679958	2749104	2703906	1.45	cps
Indium	115-1	5185123	5426766	5382954	5331614	2.41	cps
Indium	115-2	824231	830412	849507	834717	1.58	cps
Iron	56-2	2561	2578	2678	2606	2.42	cps
Iron	57-2	94	106	122	107	13.02	cps
Iron	54-2	411	361	394	389	6.55	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:59:33	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4751	4644	4554	4650	2.12	cps
Lead	206-1	389	394	433	406	5.97	cps
Lead	207-1	322	494	333	383	25.14	cps
Lead	208-1	1556	1778	1583	1639	7.39	cps
Lithium	6-1	2676550	2741230	2767987	2728589	1.72	cps
Magnesium	24-2	658	600	508	589	12.84	cps
Manganese	55-2	53	67	43	54	21.51	cps
Molybdenum	94-1	242	250	175	222	18.50	cps
Molybdenum	95-1	75	133	83	97	32.45	cps
Molybdenum	96-1	208	100	200	169	35.58	cps
Molybdenum	97-1	92	42	92	75	38.49	cps
Molybdenum	98-1	292	142	92	175	59.48	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Nickel	60-2	53	43	40	46	15.23	cps
Phosphorus	31-2	308	317	308	311	1.55	cps
Potassium	39-2	25389	25715	25531	25545	0.64	cps
Rhodium	103-1	5066199	5290079	5163874	5173384	2.17	cps
Rhodium	103-2	2350006	2369911	2387380	2369099	0.79	cps
Scandium	45-1	3707897	3685942	3706679	3700173	0.33	cps
Scandium	45-2	130857	135177	134632	133556	1.76	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	33	54	51	46	24.70	cps
Selenium	82-1	-316	-106	-53	-158	-87.51	cps
Silicon	28-1	1199087	1185423	1167816	1184108	1.32	cps
Silver	109-1	83	75	33	64	41.93	cps
Silver	107-1	92	83	83	86	5.58	cps
Sodium	23-2	33882	34758	33648	34096	1.72	cps
Strontium	86-1	7035	7052	7335	7141	2.36	cps
Strontium	88-1	67	92	142	100	38.19	cps
Sulfur	34-1	481880	480339	482470	481563	0.23	cps
Terbium	159-1	5654146	6034937	5833208	5840764	3.26	cps
Terbium	159-2	2670895	2638850	2744529	2684758	2.02	cps
Thallium	205-1	275	167	158	200	32.54	cps
Thallium	203-1	92	92	33	72	46.64	cps
Tin	118-1	242	250	217	236	7.35	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 12:59:33	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	333	267	264	26.86	cps
Uranium	238-1	25	42	25	31	31.50	cps
Vanadium	51-2	27	3	3	11	121.29	cps
Yttrium	89-1	12008077	12487531	12143219	12212942	2.02	cps
Yttrium	89-2	1283145	1299038	1333068	1305084	1.95	cps
Zinc	66-2	63	77	60	67	13.23	cps
Zirconium	90-1	475	508	625	536	14.69	cps
Zirconium	91-1	92	133	100	108	20.35	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-06	Instrumnet Name :	P8
Client Sample ID :	MW-105D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:02:39	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2559	2554	2637	2583	1.82	cps
Antimony	121-1	2009	1892	2117	2006	5.61	cps
Arsenic	75-2	81	86	81	83	3.49	cps
Barium	135-1	25900	27245	26217	26454	2.66	cps
Barium	137-1	46455	46824	45937	46405	0.96	cps
Beryllium	9-1	82	62	80	75	14.75	cps
Bismuth	209-1	2948653	2936974	2970575	2952067	0.58	cps
Bismuth	209-2	1775468	1658286	1752567	1728774	3.59	cps
Boron	11-1	396452	435475	449717	427215	6.45	cps
Boron	10-1	77553	85310	89007	83957	6.96	cps
Bromine	81-1	1313483	1654566	1767132	1578394	14.97	cps
Cadmium	106-1	2942	3067	3034	3014	2.15	cps
Cadmium	108-1	17	67	50	44	57.28	cps
Cadmium	111-1	358	327	331	338	4.94	cps
Calcium	43-1	737467	748919	741567	742651	0.78	cps
Calcium	44-1	12362859	12361792	12383749	12369467	0.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2407	2317	2517	2414	4.15	cps
Cobalt	59-2	1243	1367	1360	1323	5.24	cps
Copper	63-2	7365	7515	7685	7522	2.13	cps
Dysprosium	156-1	117	83	125	108	20.35	cps
Dysprosium	156-2	40	77	53	57	32.76	cps
Erbium	164-1	150	133	133	139	6.93	cps
Erbium	164-2	53	53	73	60	19.25	cps
Gadolinium	160-2	70	67	53	63	13.93	cps
Gadolinium	160-1	142	142	183	156	15.47	cps
Holmium	165-1	5708317	5528596	5628248	5621720	1.60	cps
Holmium	165-2	2756245	2467384	2701836	2641822	5.81	cps
Indium	115-1	5399568	5272028	5199099	5290232	1.92	cps
Indium	115-2	826294	752666	801893	793618	4.73	cps
Iron	56-2	1996257	2071655	2037416	2035109	1.86	cps
Iron	57-2	50261	49686	51052	50333	1.36	cps
Iron	54-2	108217	110329	111705	110084	1.60	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-06	Instrumnet Name :	P8
Client Sample ID :	MW-105D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:02:39	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4714	4651	4791	4719	1.49	cps
Lead	206-1	4773	4690	4668	4710	1.18	cps
Lead	207-1	3923	4056	3801	3927	3.26	cps
Lead	208-1	18378	18989	18639	18669	1.64	cps
Lithium	6-1	2815999	2859361	2854174	2843178	0.83	cps
Magnesium	24-2	12595785	12925478	12856142	12792468	1.36	cps
Manganese	55-2	475439	478065	481637	478380	0.65	cps
Molybdenum	94-1	2684	2284	2025	2331	14.23	cps
Molybdenum	95-1	3634	3567	3242	3481	6.02	cps
Molybdenum	96-1	3476	3826	3684	3662	4.81	cps
Molybdenum	97-1	2200	1975	2209	2128	6.22	cps
Molybdenum	98-1	5001	4926	5318	5082	4.09	cps
Neodymium	150-2	60	40	83	61	35.49	cps
Neodymium	150-1	127	127	147	133	8.66	cps
Nickel	60-2	980	900	903	928	4.88	cps
Phosphorus	31-2	475	492	367	444	15.27	cps
Potassium	39-2	5288770	5369803	5372802	5343791	0.89	cps
Rhodium	103-1	5140918	4953312	4971770	5022000	2.06	cps
Rhodium	103-2	2277355	2081057	2232260	2196890	4.68	cps
Scandium	45-1	3905712	3762733	3848187	3838877	1.87	cps
Scandium	45-2	136401	123471	132718	130863	5.09	cps
Selenium	77-2	17	7	7	10	57.72	cps
Selenium	78-2	52	44	41	46	12.46	cps
Selenium	82-1	314	538	500	451	26.61	cps
Silicon	28-1	6702369	6839342	6679150	6740287	1.28	cps
Silver	109-1	383	242	267	297	25.44	cps
Silver	107-1	442	283	342	356	22.52	cps
Sodium	23-2	232191955	231724147	240675289	234863797	2.15	cps
Strontium	86-1	1646866	1680923	1649398	1659062	1.14	cps
Strontium	88-1	13915194	13957585	13644532	13839103	1.23	cps
Sulfur	34-1	2063528	2078747	2038244	2060173	0.99	cps
Terbium	159-1	6110255	5915155	5916896	5980769	1.88	cps
Terbium	159-2	2685681	2437183	2711228	2611364	5.80	cps
Thallium	205-1	317	333	208	286	23.72	cps
Thallium	203-1	92	158	200	150	36.43	cps
Tin	118-1	950	1000	925	958	3.99	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-06	Instrumnet Name :	P8
Client Sample ID :	MW-105D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:02:39	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2367	2525	2692	2528	6.43	cps
Uranium	238-1	17020	17312	16411	16914	2.72	cps
Vanadium	51-2	727	843	770	780	7.56	cps
Yttrium	89-1	13105790	12682651	12412567	12733669	2.74	cps
Yttrium	89-2	1339523	1210301	1296066	1281963	5.13	cps
Zinc	66-2	45814	45105	46205	45708	1.22	cps
Zirconium	90-1	9849	917	1133	3967	128.47	cps
Zirconium	91-1	242	258	317	272	14.47	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-07	Instrumnet Name :	P8
Client Sample ID :	MW-105I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:05:29	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1545	1631	1595	1590	2.72	cps
Antimony	121-1	608	608	733	650	11.10	cps
Arsenic	75-2	714	733	682	710	3.63	cps
Barium	135-1	87851	88849	90477	89059	1.49	cps
Barium	137-1	153034	157138	159592	156588	2.12	cps
Beryllium	9-1	50	56	38	48	19.10	cps
Bismuth	209-1	3161477	3207335	3232964	3200592	1.13	cps
Bismuth	209-2	2031244	2065890	2026713	2041283	1.05	cps
Boron	11-1	199421	219231	232107	216920	7.59	cps
Boron	10-1	39549	44294	47288	43710	8.93	cps
Bromine	81-1	612592	685984	733339	677305	8.98	cps
Cadmium	106-1	3109	3259	3117	3162	2.67	cps
Cadmium	108-1	29	33	17	26	32.86	cps
Cadmium	111-1	340	378	342	353	5.96	cps
Calcium	43-1	251250	255352	257413	254672	1.23	cps
Calcium	44-1	4206219	4287216	4382259	4291898	2.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1467	1337	1540	1448	7.11	cps
Cobalt	59-2	770	677	923	790	15.77	cps
Copper	63-2	7285	7472	7515	7424	1.65	cps
Dysprosium	156-1	83	117	50	83	40.00	cps
Dysprosium	156-2	47	33	33	38	20.39	cps
Erbium	164-1	42	92	100	78	40.56	cps
Erbium	164-2	33	60	50	48	28.20	cps
Gadolinium	160-2	47	60	27	44	37.74	cps
Gadolinium	160-1	133	50	100	94	44.41	cps
Holmium	165-1	5940907	5673169	5829250	5814442	2.31	cps
Holmium	165-2	2998378	3027731	3019071	3015060	0.50	cps
Indium	115-1	5573906	5674120	5672072	5640032	1.02	cps
Indium	115-2	914237	923670	921051	919652	0.53	cps
Iron	56-2	3103417	3136280	3000884	3080194	2.29	cps
Iron	57-2	75437	77806	74779	76007	2.09	cps
Iron	54-2	165481	168941	167612	167345	1.04	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-07	Instrumnet Name :	P8
Client Sample ID :	MW-105I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:05:29	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4421	4427	4657	4502	2.99	cps
Lead	206-1	4084	4240	4101	4141	2.06	cps
Lead	207-1	3267	3373	3345	3328	1.64	cps
Lead	208-1	15393	16071	16138	15867	2.60	cps
Lithium	6-1	3236265	3235347	3249886	3240499	0.25	cps
Magnesium	24-2	3459600	3476751	3501838	3479396	0.61	cps
Manganese	55-2	14638	14898	14407	14648	1.68	cps
Molybdenum	94-1	8194	8161	8469	8275	2.05	cps
Molybdenum	95-1	13957	14274	14108	14113	1.12	cps
Molybdenum	96-1	13991	14525	14441	14319	2.01	cps
Molybdenum	97-1	8003	8620	8419	8347	3.77	cps
Molybdenum	98-1	20566	22452	22652	21890	5.26	cps
Neodymium	150-2	23	20	30	24	20.83	cps
Neodymium	150-1	73	113	87	91	22.35	cps
Nickel	60-2	467	497	413	459	9.20	cps
Phosphorus	31-2	983	850	775	869	12.14	cps
Potassium	39-2	2076628	2039463	2072721	2062937	0.99	cps
Rhodium	103-1	5487496	5420243	5553672	5487137	1.22	cps
Rhodium	103-2	2505830	2569222	2558505	2544519	1.33	cps
Scandium	45-1	4032230	4050419	4034976	4039208	0.24	cps
Scandium	45-2	148492	150622	147834	148982	0.98	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	42	48	51	47	9.76	cps
Selenium	82-1	450	472	299	407	23.18	cps
Silicon	28-1	10968025	11252202	11164985	11128404	1.31	cps
Silver	109-1	183	100	133	139	30.20	cps
Silver	107-1	183	150	208	181	16.21	cps
Sodium	23-2	43908461	43351533	43226186	43495394	0.83	cps
Strontium	86-1	666037	677543	678541	674041	1.03	cps
Strontium	88-1	5626822	5753010	5730978	5703603	1.18	cps
Sulfur	34-1	617335	620061	619561	618986	0.23	cps
Terbium	159-1	6175998	6162090	6475638	6271242	2.82	cps
Terbium	159-2	3006132	3036848	2960907	3001296	1.27	cps
Thallium	205-1	200	67	175	147	48.14	cps
Thallium	203-1	117	42	75	78	48.31	cps
Tin	118-1	967	1025	908	967	6.03	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-07	Instrumnet Name :	P8
Client Sample ID :	MW-105I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:05:29	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2134	1942	1992	2022	4.92	cps
Uranium	238-1	7586	7728	7828	7714	1.57	cps
Vanadium	51-2	1017	1003	1040	1020	1.82	cps
Yttrium	89-1	13474638	13501700	13503908	13493415	0.12	cps
Yttrium	89-2	1493663	1509565	1488297	1497175	0.74	cps
Zinc	66-2	32136	31916	31288	31780	1.39	cps
Zirconium	90-1	625	692	717	678	6.99	cps
Zirconium	91-1	125	158	150	144	12.01	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-08	Instrumnet Name :	P8
Client Sample ID :	MW-105S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:08:17	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	615	612	579	602	3.36	cps
Antimony	121-1	450	483	592	508	14.57	cps
Arsenic	75-2	51	49	46	49	5.18	cps
Barium	135-1	96528	98793	99287	98203	1.50	cps
Barium	137-1	169023	174338	169621	170994	1.70	cps
Beryllium	9-1	46	64	48	53	18.74	cps
Bismuth	209-1	3209786	3284820	3123632	3206079	2.52	cps
Bismuth	209-2	1963361	2039388	1954896	1985882	2.34	cps
Boron	11-1	243881	264063	279675	262540	6.84	cps
Boron	10-1	48751	52450	55615	52272	6.57	cps
Bromine	81-1	523581	619235	681593	608136	13.09	cps
Cadmium	106-1	3025	3250	3109	3128	3.64	cps
Cadmium	108-1	33	38	17	29	37.79	cps
Cadmium	111-1	288	345	328	320	9.19	cps
Calcium	43-1	1197697	1216407	1217527	1210544	0.92	cps
Calcium	44-1	19558049	20112436	20121629	19930705	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1523	1403	1400	1442	4.87	cps
Cobalt	59-2	487	490	570	516	9.15	cps
Copper	63-2	4501	4627	4464	4531	1.89	cps
Dysprosium	156-1	92	50	75	72	29.04	cps
Dysprosium	156-2	37	23	30	30	22.23	cps
Erbium	164-1	142	67	150	119	38.42	cps
Erbium	164-2	47	33	33	38	20.39	cps
Gadolinium	160-2	37	43	47	42	12.06	cps
Gadolinium	160-1	133	100	108	114	15.23	cps
Holmium	165-1	6053855	6075781	5899545	6009727	1.60	cps
Holmium	165-2	2922391	3129510	2847903	2966601	4.92	cps
Indium	115-1	5805660	5830361	5642479	5759500	1.77	cps
Indium	115-2	914543	937483	880494	910840	3.15	cps
Iron	56-2	644168	636737	643668	641524	0.65	cps
Iron	57-2	16293	16382	16738	16471	1.43	cps
Iron	54-2	34704	35528	34514	34915	1.54	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-08	Instrumnet Name :	P8
Client Sample ID :	MW-105S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:08:17	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4761	4984	4728	4824	2.89	cps
Lead	206-1	1500	1389	1539	1476	5.27	cps
Lead	207-1	1228	1261	1311	1267	3.31	cps
Lead	208-1	5695	5906	5984	5862	2.55	cps
Lithium	6-1	3194157	3176719	3061803	3144226	2.29	cps
Magnesium	24-2	6552784	6413358	6589033	6518392	1.42	cps
Manganese	55-2	64378	63283	62784	63481	1.28	cps
Molybdenum	94-1	3334	3392	3526	3417	2.88	cps
Molybdenum	95-1	2025	2192	1934	2050	6.39	cps
Molybdenum	96-1	2459	2725	2617	2600	5.16	cps
Molybdenum	97-1	1342	1325	1167	1278	7.56	cps
Molybdenum	98-1	3259	3184	3067	3170	3.05	cps
Neodymium	150-2	27	10	50	29	69.55	cps
Neodymium	150-1	120	120	100	113	10.19	cps
Nickel	60-2	500	510	543	518	4.38	cps
Phosphorus	31-2	858	817	800	825	3.64	cps
Potassium	39-2	2386099	2384628	2458958	2409895	1.76	cps
Rhodium	103-1	5536655	5650323	5312670	5499883	3.12	cps
Rhodium	103-2	2514911	2564246	2407658	2495605	3.21	cps
Scandium	45-1	4156808	4100910	3999985	4085901	1.95	cps
Scandium	45-2	149776	152265	145202	149081	2.40	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	42	55	57	51	15.88	cps
Selenium	82-1	93	12	329	145	113.97	cps
Silicon	28-1	18386063	18811937	19296697	18831566	2.42	cps
Silver	109-1	117	50	58	75	48.44	cps
Silver	107-1	75	183	142	133	40.99	cps
Sodium	23-2	61547318	61350810	61525301	61474476	0.18	cps
Strontium	86-1	1403172	1475102	1442298	1440191	2.50	cps
Strontium	88-1	12097172	12137423	12101066	12111887	0.18	cps
Sulfur	34-1	1414349	1446531	1433474	1431451	1.13	cps
Terbium	159-1	6398209	6483509	6215314	6365678	2.15	cps
Terbium	159-2	3030221	2993266	2819510	2947666	3.82	cps
Thallium	205-1	117	75	125	106	25.38	cps
Thallium	203-1	42	50	33	42	20.00	cps
Tin	118-1	250	275	333	286	14.95	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-08	Instrumnet Name :	P8
Client Sample ID :	MW-105S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:08:17	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1217	1158	1358	1245	8.27	cps
Uranium	238-1	12999	12890	12765	12885	0.91	cps
Vanadium	51-2	1293	1350	1403	1349	4.08	cps
Yttrium	89-1	13813514	14119223	13453899	13795545	2.41	cps
Yttrium	89-2	1478041	1520231	1395806	1464693	4.32	cps
Zinc	66-2	2430	2417	2377	2408	1.15	cps
Zirconium	90-1	5743	6152	5985	5960	3.45	cps
Zirconium	91-1	1233	1283	1250	1256	2.03	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : M1770-10 Instrumnet Name : P8
 Client Sample ID : MW-106D Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 13:11:08 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	962	849	939	917	6.55	cps
Antimony	121-1	742	583	667	664	11.93	cps
Arsenic	75-2	73	52	65	63	16.73	cps
Barium	135-1	29533	30886	30302	30240	2.24	cps
Barium	137-1	52402	52679	52210	52430	0.45	cps
Beryllium	9-1	54	32	56	47	28.14	cps
Bismuth	209-1	3256460	3301421	3322247	3293376	1.02	cps
Bismuth	209-2	2121197	1870681	2062080	2017986	6.49	cps
Boron	11-1	55999	54969	53558	54842	2.23	cps
Boron	10-1	11118	10740	10978	10945	1.75	cps
Bromine	81-1	213001	209760	210000	210920	0.86	cps
Cadmium	106-1	3059	3067	3267	3131	3.77	cps
Cadmium	108-1	8	21	21	17	43.31	cps
Cadmium	111-1	338	330	333	333	1.19	cps
Calcium	43-1	149904	153710	151597	151737	1.26	cps
Calcium	44-1	2488928	2589064	2540099	2539364	1.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2164	1990	2037	2064	4.35	cps
Cobalt	59-2	423	540	523	496	12.73	cps
Copper	63-2	18249	18452	17941	18214	1.41	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	42	58	17	39	53.92	cps
Erbium	164-2	7	23	23	18	54.11	cps
Gadolinium	160-2	17	20	20	19	10.18	cps
Gadolinium	160-1	75	75	75	75	0.00	cps
Holmium	165-1	6067022	6049337	5975151	6030503	0.81	cps
Holmium	165-2	3028893	2734540	3002577	2922003	5.57	cps
Indium	115-1	5743120	5902237	5767583	5804313	1.48	cps
Indium	115-2	946172	867304	926303	913260	4.49	cps
Iron	56-2	403484	405787	397733	402335	1.03	cps
Iron	57-2	10215	10387	10259	10287	0.87	cps
Iron	54-2	22613	23559	22813	22995	2.17	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-10	Instrumnet Name :	P8
Client Sample ID :	MW-106D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:11:08	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4477	4521	4941	4646	5.51	cps
Lead	206-1	5524	6124	6096	5914	5.73	cps
Lead	207-1	4845	5046	4768	4886	2.93	cps
Lead	208-1	22786	23842	23420	23349	2.28	cps
Lithium	6-1	3109414	3206703	3112567	3142894	1.76	cps
Magnesium	24-2	218870	219895	216972	218579	0.68	cps
Manganese	55-2	42419	41814	40598	41610	2.23	cps
Molybdenum	94-1	442	550	533	508	11.48	cps
Molybdenum	95-1	783	550	617	650	18.49	cps
Molybdenum	96-1	483	708	700	631	20.23	cps
Molybdenum	97-1	358	375	442	392	11.26	cps
Molybdenum	98-1	983	1017	950	983	3.39	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Neodymium	150-1	53	87	53	64	29.87	cps
Nickel	60-2	863	913	823	867	5.20	cps
Phosphorus	31-2	417	433	517	456	11.76	cps
Potassium	39-2	1452455	1471429	1447909	1457264	0.86	cps
Rhodium	103-1	5742615	5803409	5668087	5738037	1.18	cps
Rhodium	103-2	2707771	2499041	2616920	2607911	4.01	cps
Scandium	45-1	4047262	4045351	4052613	4048409	0.09	cps
Scandium	45-2	150597	137559	149277	145811	4.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	38	50	41	43	14.54	cps
Selenium	82-1	222	165	-162	75	276.59	cps
Silicon	28-1	2510126	2550456	2551698	2537427	0.93	cps
Silver	109-1	83	42	42	56	43.30	cps
Silver	107-1	58	100	142	100	41.66	cps
Sodium	23-2	6158830	6165414	6102789	6142344	0.56	cps
Strontium	86-1	2527813	2598100	2561569	2562494	1.37	cps
Strontium	88-1	21274720	22118381	21825521	21739540	1.97	cps
Sulfur	34-1	510126	516000	517137	514421	0.73	cps
Terbium	159-1	6400228	6461582	6467175	6442995	0.58	cps
Terbium	159-2	3033009	2865215	3071920	2990048	3.67	cps
Thallium	205-1	92	133	108	111	18.88	cps
Thallium	203-1	58	33	25	39	44.62	cps
Tin	118-1	6168	6518	6702	6463	4.19	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-10	Instrumnet Name :	P8
Client Sample ID :	MW-106D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:11:08	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	583	783	717	694	14.66	cps
Uranium	238-1	283	333	333	317	9.12	cps
Vanadium	51-2	180	180	140	167	13.86	cps
Yttrium	89-1	13426569	13740089	13743852	13636837	1.34	cps
Yttrium	89-2	1499511	1381361	1481236	1454036	4.37	cps
Zinc	66-2	23670	23276	23363	23436	0.88	cps
Zirconium	90-1	567	917	625	703	26.71	cps
Zirconium	91-1	133	117	108	119	10.66	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : M1770-11 Instrumnet Name : P8
 Client Sample ID : MW-104D Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 13:13:56 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3536	3504	3599	3546	1.36	cps
Antimony	121-1	1725	2234	2450	2136	17.42	cps
Arsenic	75-2	159	181	169	170	6.49	cps
Barium	135-1	48003	49843	48773	48873	1.89	cps
Barium	137-1	85420	87231	88506	87052	1.78	cps
Beryllium	9-1	52	42	60	51	17.57	cps
Bismuth	209-1	2789099	2664163	2768433	2740565	2.44	cps
Bismuth	209-2	1715865	1686693	1713661	1705407	0.95	cps
Boron	11-1	1113420	1175894	1260259	1183191	6.23	cps
Boron	10-1	236807	254071	266828	252569	5.97	cps
Bromine	81-1	4388452	5270192	5768026	5142224	13.59	cps
Cadmium	106-1	2942	3009	2934	2962	1.39	cps
Cadmium	108-1	25	25	17	22	21.64	cps
Cadmium	111-1	323	358	357	346	5.85	cps
Calcium	43-1	1311055	1331832	1362715	1335201	1.95	cps
Calcium	44-1	21414766	21282228	22272210	21656401	2.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2737	2920	2814	2824	3.26	cps
Cobalt	59-2	5094	5191	5124	5137	0.96	cps
Copper	63-2	16063	16033	15645	15913	1.46	cps
Dysprosium	156-1	208	225	167	200	15.02	cps
Dysprosium	156-2	113	130	93	112	16.36	cps
Erbium	164-1	242	200	242	228	10.56	cps
Erbium	164-2	100	127	147	124	18.81	cps
Gadolinium	160-2	133	110	133	126	10.73	cps
Gadolinium	160-1	250	225	300	258	14.78	cps
Holmium	165-1	5418303	5129285	5339414	5295667	2.82	cps
Holmium	165-2	2708430	2666575	2717239	2697414	1.00	cps
Indium	115-1	4932663	4943262	5097107	4991011	1.84	cps
Indium	115-2	826872	821090	831471	826478	0.63	cps
Iron	56-2	3318425	3389327	3356168	3354640	1.06	cps
Iron	57-2	81482	83303	81672	82152	1.22	cps
Iron	54-2	181358	183142	179547	181349	0.99	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-11	Instrumnet Name :	P8
Client Sample ID :	MW-104D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:13:56	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4774	5014	4821	4870	2.61	cps
Lead	206-1	7719	7647	8103	7823	3.13	cps
Lead	207-1	6018	6858	6830	6568	7.26	cps
Lead	208-1	28696	30231	31132	30020	4.10	cps
Lithium	6-1	2887690	2970514	3073727	2977310	3.13	cps
Magnesium	24-2	36990974	37275101	36631957	36966011	0.87	cps
Manganese	55-2	1315459	1339235	1315669	1323454	1.03	cps
Molybdenum	94-1	5143	5735	6077	5652	8.36	cps
Molybdenum	95-1	5618	5460	5535	5537	1.43	cps
Molybdenum	96-1	5651	6168	6352	6057	6.00	cps
Molybdenum	97-1	3359	3767	3659	3595	5.89	cps
Molybdenum	98-1	8161	8128	8244	8178	0.74	cps
Neodymium	150-2	113	73	70	86	28.19	cps
Neodymium	150-1	207	233	247	229	8.90	cps
Nickel	60-2	2370	2397	2087	2285	7.52	cps
Phosphorus	31-2	425	525	550	500	13.23	cps
Potassium	39-2	9971746	10153302	10053355	10059468	0.90	cps
Rhodium	103-1	4733564	4592894	4717589	4681349	1.65	cps
Rhodium	103-2	2221231	2235982	2236924	2231379	0.39	cps
Scandium	45-1	3724571	3586320	3813167	3708019	3.08	cps
Scandium	45-2	141059	139363	140150	140191	0.61	cps
Selenium	77-2	10	0	10	7	86.60	cps
Selenium	78-2	58	54	53	55	4.81	cps
Selenium	82-1	1283	1349	1846	1493	20.63	cps
Silicon	28-1	14917623	15585703	15398078	15300468	2.25	cps
Silver	109-1	500	458	742	567	27.00	cps
Silver	107-1	608	800	700	703	13.64	cps
Sodium	23-2	661609165	670779498	658680381	663689682	0.95	cps
Strontium	86-1	3399093	3514703	3557134	3490310	2.34	cps
Strontium	88-1	28518006	28969080	29939095	29142060	2.49	cps
Sulfur	34-1	3427068	3565033	3693440	3561847	3.74	cps
Terbium	159-1	5740075	5617404	5775484	5710987	1.45	cps
Terbium	159-2	2699027	2751543	2748036	2732869	1.07	cps
Thallium	205-1	67	108	167	114	44.10	cps
Thallium	203-1	75	75	50	67	21.65	cps
Tin	118-1	917	1217	1442	1192	22.11	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-11	Instrumnet Name :	P8
Client Sample ID :	MW-104D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:13:56	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3967	3859	4367	4065	6.59	cps
Uranium	238-1	170565	171695	173434	171898	0.84	cps
Vanadium	51-2	777	730	757	754	3.10	cps
Yttrium	89-1	12109919	12013111	12560304	12227778	2.39	cps
Yttrium	89-2	1365016	1336003	1359868	1353629	1.14	cps
Zinc	66-2	35414	35966	35177	35519	1.14	cps
Zirconium	90-1	6385	6543	6718	6549	2.55	cps
Zirconium	91-1	1558	1575	1667	1600	3.65	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-12	Instrumnet Name :	P8
Client Sample ID :	MW-104I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:16:47	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	815	871	882	856	4.22	cps
Antimony	121-1	467	383	483	444	12.06	cps
Arsenic	75-2	99	74	79	84	15.75	cps
Barium	135-1	17478	17186	17186	17284	0.98	cps
Barium	137-1	31187	31195	30176	30853	1.90	cps
Beryllium	9-1	52	40	66	53	24.71	cps
Bismuth	209-1	3485587	3511176	3401505	3466089	1.66	cps
Bismuth	209-2	2180285	2169065	2166697	2172015	0.33	cps
Boron	11-1	98261	93920	87683	93288	5.70	cps
Boron	10-1	19703	18510	18200	18804	4.22	cps
Bromine	81-1	643968	598614	503172	581918	12.35	cps
Cadmium	106-1	3442	3342	3617	3467	4.02	cps
Cadmium	108-1	29	13	29	24	40.76	cps
Cadmium	111-1	353	363	375	364	2.98	cps
Calcium	43-1	57014	57596	56690	57100	0.80	cps
Calcium	44-1	966504	971561	967874	968646	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	867	737	747	783	9.24	cps
Cobalt	59-2	167	123	133	141	16.08	cps
Copper	63-2	11585	11195	10904	11228	3.04	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	75	42	42	53	36.46	cps
Erbium	164-2	30	13	20	21	39.75	cps
Gadolinium	160-2	37	27	27	30	19.24	cps
Gadolinium	160-1	33	33	83	50	57.75	cps
Holmium	165-1	6167947	6139401	6124980	6144109	0.36	cps
Holmium	165-2	3139238	3169285	3171553	3160025	0.57	cps
Indium	115-1	6156899	6062401	6103721	6107674	0.78	cps
Indium	115-2	984366	983337	970223	979309	0.81	cps
Iron	56-2	410479	412432	414446	412452	0.48	cps
Iron	57-2	10109	9909	9737	9918	1.88	cps
Iron	54-2	23453	22078	22585	22705	3.06	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-12	Instrumnet Name :	P8
Client Sample ID :	MW-104I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:16:47	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4811	5031	4697	4846	3.50	cps
Lead	206-1	5179	5107	4962	5083	2.17	cps
Lead	207-1	4406	4329	4273	4336	1.55	cps
Lead	208-1	20017	19762	19812	19864	0.68	cps
Lithium	6-1	3857148	3704700	3730171	3764006	2.17	cps
Magnesium	24-2	145909	144276	144621	144935	0.59	cps
Manganese	55-2	10214	9917	10150	10094	1.55	cps
Molybdenum	94-1	492	442	333	422	19.17	cps
Molybdenum	95-1	467	542	425	478	12.37	cps
Molybdenum	96-1	517	542	567	542	4.62	cps
Molybdenum	97-1	342	350	300	331	8.10	cps
Molybdenum	98-1	792	758	567	706	17.21	cps
Neodymium	150-2	3	10	20	11	75.52	cps
Neodymium	150-1	40	13	60	38	61.98	cps
Nickel	60-2	413	427	440	427	3.13	cps
Phosphorus	31-2	350	350	450	383	15.06	cps
Potassium	39-2	843487	829553	836373	836471	0.83	cps
Rhodium	103-1	5935032	5954896	5800248	5896725	1.43	cps
Rhodium	103-2	2720833	2793396	2748522	2754250	1.33	cps
Scandium	45-1	4292752	4190270	4103599	4195540	2.26	cps
Scandium	45-2	155514	155057	154349	154974	0.38	cps
Selenium	77-2	13	0	3	6	124.93	cps
Selenium	78-2	40	42	55	46	17.85	cps
Selenium	82-1	209	-19	234	141	98.62	cps
Silicon	28-1	3022717	3012008	3010634	3015120	0.22	cps
Silver	109-1	342	200	167	236	39.36	cps
Silver	107-1	308	208	217	244	22.70	cps
Sodium	23-2	1307516	1292579	1247406	1282501	2.44	cps
Strontium	86-1	100494	101007	98614	100038	1.26	cps
Strontium	88-1	796134	794674	791948	794252	0.27	cps
Sulfur	34-1	527924	528711	525054	527230	0.37	cps
Terbium	159-1	6644607	6661274	6534566	6613483	1.04	cps
Terbium	159-2	3170456	3174295	3072585	3139112	1.84	cps
Thallium	205-1	117	100	142	119	17.56	cps
Thallium	203-1	50	67	8	42	72.12	cps
Tin	118-1	375	342	367	361	4.80	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-12	Instrumnet Name :	P8
Client Sample ID :	MW-104I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:16:47	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	900	667	683	750	17.36	cps
Uranium	238-1	75	108	92	92	18.18	cps
Vanadium	51-2	170	157	150	159	6.41	cps
Yttrium	89-1	14429750	14040564	14277899	14249404	1.38	cps
Yttrium	89-2	1551641	1544982	1515246	1537290	1.26	cps
Zinc	66-2	6468	6178	6248	6298	2.40	cps
Zirconium	90-1	558	558	642	586	8.21	cps
Zirconium	91-1	83	125	117	108	20.35	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-13	Instrumnet Name :	P8
Client Sample ID :	MW-103D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:19:35	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1595	1542	1484	1540	3.61	cps
Antimony	121-1	425	442	400	422	4.97	cps
Arsenic	75-2	25	13	20	19	31.18	cps
Barium	135-1	5893	5876	5668	5813	2.16	cps
Barium	137-1	9979	9829	10463	10090	3.28	cps
Beryllium	9-1	44	42	38	41	7.39	cps
Bismuth	209-1	3467969	3518510	3480405	3488962	0.75	cps
Bismuth	209-2	2113682	2165398	2161130	2146737	1.34	cps
Boron	11-1	53169	51216	49924	51436	3.18	cps
Boron	10-1	10368	10378	10081	10276	1.64	cps
Bromine	81-1	138941	134626	133130	135566	2.23	cps
Cadmium	106-1	3659	3401	3267	3442	5.79	cps
Cadmium	108-1	8	38	13	19	81.14	cps
Cadmium	111-1	423	385	355	388	8.68	cps
Calcium	43-1	31672	32331	31870	31958	1.06	cps
Calcium	44-1	544936	549075	552039	548683	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1080	1220	1160	1153	6.09	cps
Cobalt	59-2	547	483	433	488	11.64	cps
Copper	63-2	32357	32621	32009	32329	0.95	cps
Dysprosium	156-1	58	67	58	61	7.87	cps
Dysprosium	156-2	17	20	23	20	16.65	cps
Erbium	164-1	75	58	92	75	22.23	cps
Erbium	164-2	33	27	27	29	13.31	cps
Gadolinium	160-2	40	27	43	37	24.04	cps
Gadolinium	160-1	75	75	83	78	6.19	cps
Holmium	165-1	5944595	6277465	6203352	6141804	2.85	cps
Holmium	165-2	3049287	3046231	3059464	3051661	0.23	cps
Indium	115-1	5996257	6084652	6050383	6043764	0.74	cps
Indium	115-2	960682	963188	961803	961891	0.13	cps
Iron	56-2	2616385	2635216	2533570	2595057	2.08	cps
Iron	57-2	65121	63681	63229	64010	1.54	cps
Iron	54-2	140372	137433	139794	139199	1.12	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-13	Instrumnet Name :	P8
Client Sample ID :	MW-103D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:19:35	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4891	4811	4661	4788	2.44	cps
Lead	206-1	11194	11055	10860	11036	1.52	cps
Lead	207-1	8564	9298	9114	8992	4.25	cps
Lead	208-1	42000	42483	41905	42129	0.74	cps
Lithium	6-1	3479992	3457799	3453730	3463840	0.41	cps
Magnesium	24-2	47771	49267	47294	48111	2.14	cps
Manganese	55-2	39795	39043	38438	39092	1.74	cps
Molybdenum	94-1	433	350	325	369	15.35	cps
Molybdenum	95-1	300	375	383	353	13.01	cps
Molybdenum	96-1	275	383	433	364	22.24	cps
Molybdenum	97-1	233	217	267	239	10.66	cps
Molybdenum	98-1	375	467	425	422	10.87	cps
Neodymium	150-2	20	27	23	23	14.29	cps
Neodymium	150-1	107	93	73	91	18.41	cps
Nickel	60-2	647	767	663	692	9.39	cps
Phosphorus	31-2	492	617	433	514	18.23	cps
Potassium	39-2	268999	264060	265222	266094	0.97	cps
Rhodium	103-1	5691668	5931368	5845778	5822938	2.09	cps
Rhodium	103-2	2651577	2712569	2698459	2687535	1.19	cps
Scandium	45-1	4007246	4269000	4148852	4141700	3.16	cps
Scandium	45-2	152221	152957	153197	152792	0.33	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	63	41	42	49	25.54	cps
Selenium	82-1	-112	-63	-197	-124	-54.58	cps
Silicon	28-1	1836294	1858658	1835968	1843640	0.71	cps
Silver	109-1	133	83	58	92	41.66	cps
Silver	107-1	3002	117	142	1087	152.62	cps
Sodium	23-2	795158	782340	776743	784747	1.20	cps
Strontium	86-1	76031	76216	74390	75546	1.33	cps
Strontium	88-1	584620	585009	588721	586117	0.39	cps
Sulfur	34-1	506580	507299	505004	506294	0.23	cps
Terbium	159-1	6276891	6514899	6610773	6467521	2.66	cps
Terbium	159-2	3115244	3146717	3106531	3122831	0.68	cps
Thallium	205-1	42	42	92	58	49.48	cps
Thallium	203-1	33	25	58	39	44.62	cps
Tin	118-1	658	708	775	714	8.20	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-13	Instrumnet Name :	P8
Client Sample ID :	MW-103D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:19:35	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1425	1158	1058	1214	15.62	cps
Uranium	238-1	75	58	50	61	20.83	cps
Vanadium	51-2	200	203	243	216	11.19	cps
Yttrium	89-1	13836478	13878008	13967757	13894081	0.48	cps
Yttrium	89-2	1516954	1522384	1540057	1526465	0.79	cps
Zinc	66-2	15165	15292	14741	15066	1.91	cps
Zirconium	90-1	725	708	683	706	2.97	cps
Zirconium	91-1	92	100	208	133	48.81	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-14	Instrumnet Name :	P8
Client Sample ID :	MW-103I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:22:26	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4196	4175	4050	4141	1.91	cps
Antimony	121-1	725	658	650	678	6.07	cps
Arsenic	75-2	99	104	112	105	6.24	cps
Barium	135-1	36767	36224	37035	36675	1.13	cps
Barium	137-1	62864	63106	62813	62928	0.25	cps
Beryllium	9-1	52	58	48	53	9.56	cps
Bismuth	209-1	3524887	3463725	3030941	3339851	8.06	cps
Bismuth	209-2	2200761	2165757	2127785	2164768	1.69	cps
Boron	11-1	44532	44372	43888	44264	0.76	cps
Boron	10-1	8643	8769	8839	8750	1.14	cps
Bromine	81-1	82817	85364	85193	84458	1.69	cps
Cadmium	106-1	3225	3259	2975	3153	4.91	cps
Cadmium	108-1	46	17	21	28	56.78	cps
Cadmium	111-1	378	368	350	365	3.95	cps
Calcium	43-1	82758	84057	85280	84032	1.50	cps
Calcium	44-1	1421355	1448200	1442926	1437494	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3174	3384	3184	3247	3.65	cps
Cobalt	59-2	873	790	770	811	6.76	cps
Copper	63-2	31371	32009	32437	31939	1.68	cps
Dysprosium	156-1	100	183	125	136	31.42	cps
Dysprosium	156-2	80	73	67	73	9.09	cps
Erbium	164-1	242	217	175	211	15.95	cps
Erbium	164-2	80	80	90	83	6.93	cps
Gadolinium	160-2	73	110	67	83	28.00	cps
Gadolinium	160-1	142	167	225	178	24.06	cps
Holmium	165-1	6254930	6150188	5402831	5935983	7.83	cps
Holmium	165-2	3108686	3122556	3087618	3106287	0.57	cps
Indium	115-1	5987713	5993624	5183106	5721481	8.15	cps
Indium	115-2	970167	966005	952181	962784	0.98	cps
Iron	56-2	2491341	2515544	2456095	2487660	1.20	cps
Iron	57-2	60885	60824	60561	60757	0.28	cps
Iron	54-2	135537	133871	134196	134535	0.66	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-14	Instrumnet Name :	P8
Client Sample ID :	MW-103I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:22:26	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4794	4791	4904	4830	1.34	cps
Lead	206-1	14269	14297	14419	14329	0.56	cps
Lead	207-1	12223	11833	11750	11935	2.11	cps
Lead	208-1	54918	54885	55124	54976	0.24	cps
Lithium	6-1	3356346	3349525	3080970	3262280	4.81	cps
Magnesium	24-2	143898	142190	142172	142753	0.69	cps
Manganese	55-2	111585	110920	108700	110402	1.37	cps
Molybdenum	94-1	1633	1325	1492	1483	10.41	cps
Molybdenum	95-1	1717	1900	1884	1834	5.53	cps
Molybdenum	96-1	2259	1884	2042	2061	9.13	cps
Molybdenum	97-1	1158	983	1242	1128	11.69	cps
Molybdenum	98-1	2684	2884	2817	2795	3.64	cps
Neodymium	150-2	80	67	67	71	10.82	cps
Neodymium	150-1	260	253	200	238	13.83	cps
Nickel	60-2	997	1030	1013	1013	1.64	cps
Phosphorus	31-2	2575	2634	2642	2617	1.39	cps
Potassium	39-2	548066	552533	548461	549686	0.45	cps
Rhodium	103-1	5798165	5861927	5080055	5580049	7.78	cps
Rhodium	103-2	2777543	2753765	2714560	2748623	1.16	cps
Scandium	45-1	4141732	4303651	3702376	4049253	7.68	cps
Scandium	45-2	152471	151062	147546	150360	1.69	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	53	45	51	50	8.39	cps
Selenium	82-1	25	33	-1	19	93.17	cps
Silicon	28-1	3369151	3397439	3373986	3380192	0.45	cps
Silver	109-1	133	175	283	197	39.26	cps
Silver	107-1	133	192	217	181	23.68	cps
Sodium	23-2	1677925	1679121	1667838	1674961	0.37	cps
Strontium	86-1	64985	68242	68669	67298	2.99	cps
Strontium	88-1	510036	507122	513479	510213	0.62	cps
Sulfur	34-1	513905	513530	513946	513794	0.04	cps
Terbium	159-1	6653774	6567827	5817948	6346516	7.24	cps
Terbium	159-2	3135568	3139315	3142250	3139044	0.11	cps
Thallium	205-1	67	92	50	69	30.20	cps
Thallium	203-1	33	58	33	42	34.65	cps
Tin	118-1	1892	2109	1892	1964	6.37	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-14	Instrumnet Name :	P8
Client Sample ID :	MW-103I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:22:26	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3267	3492	3776	3512	7.26	cps
Uranium	238-1	225	175	217	206	13.03	cps
Vanadium	51-2	543	570	473	529	9.44	cps
Yttrium	89-1	14105274	14055399	12184029	13448234	8.14	cps
Yttrium	89-2	1549779	1506583	1496297	1517553	1.87	cps
Zinc	66-2	49402	50071	49724	49733	0.67	cps
Zirconium	90-1	1175	1308	983	1156	14.14	cps
Zirconium	91-1	217	283	183	228	22.35	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : M1770-15 Instrumnet Name : P8
 Client Sample ID : MW-101S Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 13:25:14 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20375	20150	20120	20215	0.69	cps
Antimony	121-1	3992	4559	4534	4362	7.34	cps
Arsenic	75-2	217	185	189	197	8.85	cps
Barium	135-1	89436	92281	88622	90113	2.13	cps
Barium	137-1	156330	155691	159037	157020	1.13	cps
Beryllium	9-1	86	128	106	107	19.70	cps
Bismuth	209-1	3505636	3587007	3508924	3533856	1.30	cps
Bismuth	209-2	2179305	2167681	2138992	2161992	0.96	cps
Boron	11-1	111041	121744	128096	120294	7.17	cps
Boron	10-1	22204	24419	25639	24088	7.23	cps
Bromine	81-1	125253	153647	176474	151791	16.91	cps
Cadmium	106-1	3384	3259	3476	3373	3.23	cps
Cadmium	108-1	13	25	13	17	43.30	cps
Cadmium	111-1	471	504	501	492	3.70	cps
Calcium	43-1	681483	700082	693676	691747	1.37	cps
Calcium	44-1	11389740	11541830	11519362	11483644	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3514	3367	3584	3488	3.17	cps
Cobalt	59-2	40237	40063	39668	39989	0.73	cps
Copper	63-2	25813	25055	25052	25307	1.73	cps
Dysprosium	156-1	700	608	592	633	9.21	cps
Dysprosium	156-2	333	370	283	329	13.23	cps
Erbium	164-1	642	542	550	578	9.60	cps
Erbium	164-2	283	310	303	299	4.64	cps
Gadolinium	160-2	410	293	367	357	16.53	cps
Gadolinium	160-1	683	633	558	625	10.07	cps
Holmium	165-1	6278848	6321888	6287367	6296034	0.36	cps
Holmium	165-2	3214532	3161525	3187991	3188016	0.83	cps
Indium	115-1	6093759	6190751	6131302	6138604	0.80	cps
Indium	115-2	963613	965316	959191	962706	0.33	cps
Iron	56-2	986774	980816	981599	983063	0.33	cps
Iron	57-2	25217	25195	25145	25185	0.15	cps
Iron	54-2	55112	53879	54130	54374	1.20	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-15	Instrumnet Name :	P8
Client Sample ID :	MW-101S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:25:14	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4721	4534	4714	4656	2.28	cps
Lead	206-1	44950	44900	44142	44664	1.01	cps
Lead	207-1	36975	38285	38156	37805	1.91	cps
Lead	208-1	172194	176345	173825	174121	1.20	cps
Lithium	6-1	3195833	3290328	3209728	3231963	1.58	cps
Magnesium	24-2	2413486	2437779	2416327	2422531	0.55	cps
Manganese	55-2	268952	275227	271002	271727	1.18	cps
Molybdenum	94-1	1275	1375	1325	1325	3.77	cps
Molybdenum	95-1	1192	1067	1267	1175	8.60	cps
Molybdenum	96-1	1225	1150	1400	1258	10.20	cps
Molybdenum	97-1	608	675	567	617	8.86	cps
Molybdenum	98-1	1600	1900	1625	1708	9.74	cps
Neodymium	150-2	343	370	333	349	5.43	cps
Neodymium	150-1	1100	907	1020	1009	9.63	cps
Nickel	60-2	2697	2710	2740	2716	0.82	cps
Phosphorus	31-2	425	467	417	436	6.14	cps
Potassium	39-2	219197	221414	220052	220221	0.51	cps
Rhodium	103-1	5799623	5915392	5730478	5815164	1.61	cps
Rhodium	103-2	2705923	2626269	2673365	2668519	1.50	cps
Scandium	45-1	4298159	4291733	4302462	4297451	0.13	cps
Scandium	45-2	151154	151901	152275	151777	0.38	cps
Selenium	77-2	20	3	3	9	108.30	cps
Selenium	78-2	60	47	62	56	14.47	cps
Selenium	82-1	49	252	183	161	63.91	cps
Silicon	28-1	28765580	28841608	28672103	28759763	0.30	cps
Silver	109-1	167	117	167	150	19.24	cps
Silver	107-1	192	200	142	178	17.74	cps
Sodium	23-2	21315047	20942259	21004147	21087151	0.95	cps
Strontium	86-1	260027	265214	266684	263975	1.32	cps
Strontium	88-1	2185628	2197486	2240763	2207959	1.31	cps
Sulfur	34-1	883102	894002	885821	887641	0.64	cps
Terbium	159-1	6695535	6849281	6790557	6778458	1.14	cps
Terbium	159-2	3174996	3119877	3171711	3155528	0.98	cps
Thallium	205-1	450	258	400	369	26.91	cps
Thallium	203-1	192	217	125	178	26.65	cps
Tin	118-1	1800	1792	1900	1831	3.29	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-15	Instrumnet Name :	P8
Client Sample ID :	MW-101S	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:25:14	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	17269	16610	17453	17111	2.59	cps
Uranium	238-1	3992	4142	4176	4104	2.38	cps
Vanadium	51-2	2234	2287	2600	2374	8.35	cps
Yttrium	89-1	14129493	14230549	14336488	14232176	0.73	cps
Yttrium	89-2	1556853	1538010	1488084	1527649	2.33	cps
Zinc	66-2	13313	13683	13263	13420	1.71	cps
Zirconium	90-1	1617	1784	1842	1747	6.68	cps
Zirconium	91-1	325	367	350	347	6.04	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : M1770-16 Instrumnet Name : P8
 Client Sample ID : MW-1011 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 13:28:04 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8409	8501	8664	8525	1.52	cps
Antimony	121-1	1125	1525	1275	1308	15.45	cps
Arsenic	75-2	131	109	126	122	9.45	cps
Barium	135-1	109558	109459	110836	109951	0.70	cps
Barium	137-1	190774	193672	193145	192530	0.80	cps
Beryllium	9-1	36	68	40	48	36.33	cps
Bismuth	209-1	3481721	3480864	3383151	3448578	1.64	cps
Bismuth	209-2	2100294	2159437	2119363	2126365	1.42	cps
Boron	11-1	163629	177144	187354	176042	6.76	cps
Boron	10-1	31738	35413	37518	34890	8.39	cps
Bromine	81-1	130282	152788	169642	150904	13.09	cps
Cadmium	106-1	3059	3442	3400	3300	6.37	cps
Cadmium	108-1	21	21	25	22	10.84	cps
Cadmium	111-1	304	355	343	334	8.00	cps
Calcium	43-1	1110584	1136671	1127643	1124966	1.18	cps
Calcium	44-1	18569021	18840799	18804911	18738244	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4437	4551	4494	4494	1.26	cps
Cobalt	59-2	617	670	600	629	5.81	cps
Copper	63-2	7689	7299	7355	7448	2.83	cps
Dysprosium	156-1	342	250	250	281	18.86	cps
Dysprosium	156-2	133	93	140	122	20.65	cps
Erbium	164-1	358	350	200	303	29.43	cps
Erbium	164-2	137	133	103	124	14.76	cps
Gadolinium	160-2	227	153	157	179	23.15	cps
Gadolinium	160-1	267	417	375	353	21.95	cps
Holmium	165-1	6294319	6168537	6135565	6199474	1.35	cps
Holmium	165-2	3106718	3139782	3134065	3126855	0.57	cps
Indium	115-1	6095263	5979321	6158663	6077749	1.50	cps
Indium	115-2	942563	951575	945803	946647	0.48	cps
Iron	56-2	516559	518221	506896	513892	1.19	cps
Iron	57-2	13267	13234	12900	13134	1.55	cps
Iron	54-2	28640	28535	28518	28564	0.23	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-16	Instrumnet Name :	P8
Client Sample ID :	MW-101I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:28:04	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4774	4818	4387	4660	5.08	cps
Lead	206-1	13858	13391	14136	13795	2.73	cps
Lead	207-1	11205	12073	11661	11646	3.73	cps
Lead	208-1	52854	53522	53554	53310	0.74	cps
Lithium	6-1	3286427	3301334	3221789	3269850	1.29	cps
Magnesium	24-2	3778310	3758945	3733025	3756760	0.60	cps
Manganese	55-2	8302	8473	8509	8428	1.31	cps
Molybdenum	94-1	1150	1383	1142	1225	11.20	cps
Molybdenum	95-1	1308	1517	1550	1458	8.98	cps
Molybdenum	96-1	1742	1692	1709	1714	1.49	cps
Molybdenum	97-1	842	1117	842	933	17.01	cps
Molybdenum	98-1	2409	2359	2434	2400	1.59	cps
Neodymium	150-2	143	147	160	150	5.88	cps
Neodymium	150-1	460	447	407	438	6.34	cps
Nickel	60-2	533	603	553	563	6.40	cps
Phosphorus	31-2	400	492	383	425	13.73	cps
Potassium	39-2	807588	813561	811211	810786	0.37	cps
Rhodium	103-1	5712089	5774254	5658623	5714988	1.01	cps
Rhodium	103-2	2620956	2609120	2655948	2628675	0.93	cps
Scandium	45-1	4293375	4209294	4199598	4234089	1.22	cps
Scandium	45-2	149747	150317	150039	150035	0.19	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	63	51	56	57	10.64	cps
Selenium	82-1	-12	-75	539	151	223.74	cps
Silicon	28-1	24406843	24735748	24615417	24586003	0.68	cps
Silver	109-1	108	92	100	100	8.33	cps
Silver	107-1	167	167	150	161	5.97	cps
Sodium	23-2	11777209	11905853	11618183	11767082	1.22	cps
Strontium	86-1	752931	783647	778325	771634	2.13	cps
Strontium	88-1	6381622	6584969	6577514	6514702	1.77	cps
Sulfur	34-1	889658	891374	900300	893777	0.64	cps
Terbium	159-1	6625384	6695128	6641792	6654101	0.55	cps
Terbium	159-2	3060808	3109300	3106901	3092336	0.88	cps
Thallium	205-1	58	108	108	92	31.49	cps
Thallium	203-1	50	75	25	50	50.00	cps
Tin	118-1	1225	1325	1308	1286	4.17	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-16	Instrumnet Name :	P8
Client Sample ID :	MW-101I	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:28:04	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8970	8594	8845	8803	2.17	cps
Uranium	238-1	23790	23731	23865	23795	0.28	cps
Vanadium	51-2	2104	2170	1983	2086	4.54	cps
Yttrium	89-1	13980385	14251907	14197148	14143146	1.02	cps
Yttrium	89-2	1510574	1516875	1493051	1506833	0.82	cps
Zinc	66-2	7199	7549	7522	7423	2.63	cps
Zirconium	90-1	1292	1075	1383	1250	12.67	cps
Zirconium	91-1	325	300	217	281	20.22	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : CCV18 Instrumnet Name : P8
 Client Sample ID : CCV18 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 13:32:43 DataFile Name : 046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1066195	1072387	1076972	1071851	0.50	cps
Antimony	121-1	1451107	1503528	1522656	1492430	2.48	cps
Arsenic	75-2	47897	48510	48506	48304	0.73	cps
Barium	135-1	1657082	1718562	1715976	1697207	2.05	cps
Barium	137-1	2885655	3007996	2984327	2959326	2.19	cps
Beryllium	9-1	477809	489699	486694	484734	1.28	cps
Bismuth	209-1	3243885	3425939	3368762	3346195	2.78	cps
Bismuth	209-2	1950134	2032123	2073415	2018557	3.11	cps
Boron	11-1	197760	213901	223225	211629	6.09	cps
Boron	10-1	40273	43902	45120	43098	5.85	cps
Bromine	81-1	33905	33685	32129	33240	2.91	cps
Cadmium	106-1	38229	39039	39382	38883	1.52	cps
Cadmium	108-1	24163	24873	25348	24795	2.41	cps
Cadmium	111-1	312330	323712	323538	319860	2.04	cps
Calcium	43-1	2216931	2266910	2252367	2245403	1.14	cps
Calcium	44-1	36479975	37124849	37254699	36953175	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	451246	451694	455751	452897	0.55	cps
Cobalt	59-2	764863	763362	769166	765797	0.39	cps
Copper	63-2	5622646	5729482	5691383	5681170	0.95	cps
Dysprosium	156-1	433	408	408	417	3.46	cps
Dysprosium	156-2	173	207	173	184	10.43	cps
Erbium	164-1	92	150	92	111	30.31	cps
Erbium	164-2	33	27	77	46	59.60	cps
Gadolinium	160-2	267	200	193	220	18.43	cps
Gadolinium	160-1	408	500	483	464	10.53	cps
Holmium	165-1	6023207	6253990	6125626	6134274	1.89	cps
Holmium	165-2	2988632	3046269	3083869	3039590	1.58	cps
Indium	115-1	5746899	5878417	5843056	5822791	1.17	cps
Indium	115-2	873411	892509	904145	890022	1.74	cps
Iron	56-2	87453813	88931769	87801719	88062433	0.88	cps
Iron	57-2	2190604	2214326	2222096	2209009	0.74	cps
Iron	54-2	4856484	4855261	4925802	4879183	0.83	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:32:43	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4821	4924	4891	4879	1.08	cps
Lead	206-1	4057350	4269897	4269052	4198766	2.92	cps
Lead	207-1	3561009	3944521	3890142	3798557	5.46	cps
Lead	208-1	16050739	17449551	17137636	16879309	4.35	cps
Lithium	6-1	3064080	3088128	3094581	3082263	0.52	cps
Magnesium	24-2	16427111	16308919	16462938	16399656	0.49	cps
Manganese	55-2	2201635	2270912	2250575	2241041	1.59	cps
Molybdenum	94-1	3347395	3445894	3421488	3404925	1.51	cps
Molybdenum	95-1	4098778	4333247	4342843	4258290	3.25	cps
Molybdenum	96-1	4476077	4662887	4683039	4607334	2.48	cps
Molybdenum	97-1	2558139	2631444	2649985	2613189	1.86	cps
Molybdenum	98-1	6519608	6827399	6855638	6734215	2.77	cps
Neodymium	150-2	23	17	10	17	39.99	cps
Neodymium	150-1	113	147	73	111	33.04	cps
Nickel	60-2	209073	208905	211141	209706	0.59	cps
Phosphorus	31-2	13649	12939	13790	13459	3.39	cps
Potassium	39-2	6379162	6392021	6588095	6453093	1.81	cps
Rhodium	103-1	5495935	5598542	5521721	5538733	0.96	cps
Rhodium	103-2	2417242	2505012	2525183	2482479	2.31	cps
Scandium	45-1	4133367	4208940	4119764	4154024	1.16	cps
Scandium	45-2	138477	146004	144512	142998	2.79	cps
Selenium	77-2	707	713	757	726	3.74	cps
Selenium	78-2	2444	2416	2469	2443	1.09	cps
Selenium	82-1	23688	24031	24023	23914	0.82	cps
Silicon	28-1	2325544	2384350	2500944	2403612	3.71	cps
Silver	109-1	1639679	1709630	1738309	1695872	2.99	cps
Silver	107-1	1779377	1819800	1815717	1804964	1.23	cps
Sodium	23-2	31721280	32009191	32133547	31954673	0.66	cps
Strontium	86-1	533768	548945	545979	542897	1.48	cps
Strontium	88-1	4525956	4670815	4611959	4602910	1.58	cps
Sulfur	34-1	642242	642856	640234	641777	0.21	cps
Terbium	159-1	6455378	6674627	6475675	6535227	1.85	cps
Terbium	159-2	3058907	3024351	3008402	3030553	0.85	cps
Thallium	205-1	2336769	2401177	2456904	2398283	2.51	cps
Thallium	203-1	967592	1010854	1004168	994204	2.34	cps
Tin	118-1	1135128	1181922	1160747	1159266	2.02	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:32:43	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1197504	1246651	1233789	1225982	2.08	cps
Uranium	238-1	3044550	3137750	3104279	3095526	1.53	cps
Vanadium	51-2	370123	367817	372620	370186	0.65	cps
Yttrium	89-1	13522724	13735807	13499392	13585975	0.96	cps
Yttrium	89-2	1408845	1410280	1444627	1421250	1.43	cps
Zinc	66-2	674608	681097	684675	680126	0.75	cps
Zirconium	90-1	2777278	2891293	2831918	2833496	2.01	cps
Zirconium	91-1	606877	629136	628796	621603	2.05	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 13:46:34 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306	300	325	310	4.19	cps
Antimony	121-1	192	142	167	167	15.00	cps
Arsenic	75-2	5	7	3	5	40.00	cps
Barium	135-1	25	8	42	25	66.68	cps
Barium	137-1	50	42	42	44	10.82	cps
Beryllium	9-1	50	46	44	47	6.55	cps
Bismuth	209-1	3439969	3298232	3280136	3339446	2.62	cps
Bismuth	209-2	2019823	2084428	1967338	2023863	2.90	cps
Boron	11-1	15749	15779	15569	15699	0.72	cps
Boron	10-1	3242	3056	3056	3118	3.44	cps
Bromine	81-1	13049	12869	12749	12889	1.17	cps
Cadmium	106-1	3125	2959	3117	3067	3.06	cps
Cadmium	108-1	8	25	8	14	69.31	cps
Cadmium	111-1	319	295	310	308	3.96	cps
Calcium	43-1	252	302	284	280	9.04	cps
Calcium	44-1	12673	12663	12565	12634	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523	557	580	553	5.15	cps
Cobalt	59-2	27	27	20	24	15.75	cps
Copper	63-2	443	457	443	448	1.72	cps
Dysprosium	156-1	42	8	25	25	66.68	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	25	92	53	65.74	cps
Erbium	164-2	20	10	20	17	34.64	cps
Gadolinium	160-2	10	17	23	17	39.99	cps
Gadolinium	160-1	25	17	42	28	45.82	cps
Holmium	165-1	5856265	5873360	5785140	5838255	0.80	cps
Holmium	165-2	2887696	2951331	2762843	2867290	3.34	cps
Indium	115-1	5808760	5745962	5541350	5698691	2.45	cps
Indium	115-2	875538	894878	863978	878131	1.78	cps
Iron	56-2	2300	2284	2034	2206	6.77	cps
Iron	57-2	117	100	83	100	16.66	cps
Iron	54-2	333	367	422	374	12.01	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:46:34	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4544	4854	4621	4673	3.46	cps
Lead	206-1	339	328	356	341	4.10	cps
Lead	207-1	278	261	317	285	10.00	cps
Lead	208-1	1295	1283	1267	1282	1.09	cps
Lithium	6-1	2948426	2956692	2902017	2935712	1.00	cps
Magnesium	24-2	458	517	367	447	16.91	cps
Manganese	55-2	77	47	33	52	42.50	cps
Molybdenum	94-1	133	133	183	150	19.24	cps
Molybdenum	95-1	142	42	67	83	62.45	cps
Molybdenum	96-1	167	117	133	139	18.33	cps
Molybdenum	97-1	75	58	33	56	37.75	cps
Molybdenum	98-1	167	108	117	131	24.16	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Nickel	60-2	37	43	23	34	29.57	cps
Phosphorus	31-2	275	242	383	300	24.69	cps
Potassium	39-2	24121	26224	25532	25292	4.24	cps
Rhodium	103-1	5535405	5480811	5347469	5454561	1.77	cps
Rhodium	103-2	2483579	2565739	2443219	2497512	2.50	cps
Scandium	45-1	4052627	3966834	3935622	3985028	1.52	cps
Scandium	45-2	138744	143416	138518	140226	1.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	46	41	44	6.01	cps
Selenium	82-1	-116	-232	-65	-138	-62.45	cps
Silicon	28-1	1174091	1151409	1181781	1169094	1.35	cps
Silver	109-1	42	0	33	25	88.19	cps
Silver	107-1	92	50	100	81	33.25	cps
Sodium	23-2	58216	57188	56193	57199	1.77	cps
Strontium	86-1	7035	6810	7410	7085	4.28	cps
Strontium	88-1	58	75	42	58	28.57	cps
Sulfur	34-1	485666	486989	484149	485601	0.29	cps
Terbium	159-1	6365116	6328096	5984213	6225808	3.37	cps
Terbium	159-2	2884135	2969232	2835532	2896300	2.34	cps
Thallium	205-1	208	125	100	144	39.27	cps
Thallium	203-1	100	83	17	67	66.14	cps
Tin	118-1	158	183	233	192	19.92	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:46:34	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	317	225	192	244	26.48	cps
Uranium	238-1	8	8	33	17	86.62	cps
Vanadium	51-2	0	3	7	3	100.05	cps
Yttrium	89-1	13337489	13224374	12743214	13101692	2.41	cps
Yttrium	89-2	1365768	1414109	1361296	1380391	2.12	cps
Zinc	66-2	60	60	53	58	6.67	cps
Zirconium	90-1	425	475	433	444	6.03	cps
Zirconium	91-1	117	167	158	147	18.20	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : M1770-17 Instrumnet Name : P8
 Client Sample ID : MW-101D Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 13:49:23 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10715	10560	10663	10646	0.74	cps
Antimony	121-1	458	617	542	539	14.70	cps
Arsenic	75-2	94	116	97	102	11.66	cps
Barium	135-1	49566	50319	51097	50327	1.52	cps
Barium	137-1	85638	87198	87189	86675	1.04	cps
Beryllium	9-1	92	54	42	63	41.65	cps
Bismuth	209-1	3380779	3398994	3401665	3393813	0.33	cps
Bismuth	209-2	2118927	2101147	2063511	2094529	1.35	cps
Boron	11-1	120261	134486	142284	132344	8.44	cps
Boron	10-1	23805	26274	29043	26374	9.94	cps
Bromine	81-1	183694	235712	277809	232405	20.29	cps
Cadmium	106-1	3142	3426	3434	3334	4.98	cps
Cadmium	108-1	21	33	25	26	24.12	cps
Cadmium	111-1	316	344	368	343	7.49	cps
Calcium	43-1	463170	470637	478368	470725	1.61	cps
Calcium	44-1	7649326	8063533	7829250	7847370	2.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4717	4437	4367	4507	4.11	cps
Cobalt	59-2	1567	1560	1587	1571	0.88	cps
Copper	63-2	5658	5631	5571	5620	0.79	cps
Dysprosium	156-1	292	350	275	306	12.89	cps
Dysprosium	156-2	177	153	147	159	9.91	cps
Erbium	164-1	233	300	242	258	14.06	cps
Erbium	164-2	153	123	137	138	10.91	cps
Gadolinium	160-2	233	193	170	199	16.11	cps
Gadolinium	160-1	342	283	325	317	9.49	cps
Holmium	165-1	6074970	6235937	6448556	6253154	3.00	cps
Holmium	165-2	3143662	3108311	3117533	3123169	0.59	cps
Indium	115-1	5771940	5982103	6061266	5938436	2.52	cps
Indium	115-2	941100	956874	937935	945303	1.07	cps
Iron	56-2	524466	524906	532215	527196	0.83	cps
Iron	57-2	13178	12917	14024	13373	4.33	cps
Iron	54-2	28451	30355	29703	29503	3.28	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-17	Instrumnet Name :	P8
Client Sample ID :	MW-101D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:49:23	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4577	4511	4644	4577	1.46	cps
Lead	206-1	5123	5524	5568	5405	4.53	cps
Lead	207-1	4395	4701	4440	4512	3.66	cps
Lead	208-1	20145	21151	21285	20861	2.99	cps
Lithium	6-1	2961563	3070322	3041002	3024296	1.86	cps
Magnesium	24-2	2461292	2470636	2464633	2465520	0.19	cps
Manganese	55-2	71913	72067	72375	72118	0.33	cps
Molybdenum	94-1	1075	1183	1142	1133	4.82	cps
Molybdenum	95-1	1067	1008	917	997	7.58	cps
Molybdenum	96-1	1167	1158	867	1064	16.06	cps
Molybdenum	97-1	517	642	433	531	19.76	cps
Molybdenum	98-1	1333	1358	1175	1289	7.71	cps
Neodymium	150-2	193	197	187	192	2.65	cps
Neodymium	150-1	547	567	500	538	6.36	cps
Nickel	60-2	990	1100	990	1027	6.19	cps
Phosphorus	31-2	367	325	308	333	9.01	cps
Potassium	39-2	1075609	1063832	1067509	1068983	0.56	cps
Rhodium	103-1	5594548	5703615	5769513	5689225	1.55	cps
Rhodium	103-2	2627087	2682642	2628118	2645949	1.20	cps
Scandium	45-1	4116636	4270005	4261215	4215952	2.04	cps
Scandium	45-2	149634	152584	150361	150860	1.02	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	45	63	64	57	18.66	cps
Selenium	82-1	-57	94	33	23	325.38	cps
Silicon	28-1	22565408	22140645	22899922	22535325	1.69	cps
Silver	109-1	125	67	75	89	35.49	cps
Silver	107-1	42	150	108	100	54.64	cps
Sodium	23-2	31491899	31205572	31555721	31417730	0.59	cps
Strontium	86-1	648489	668348	663870	660235	1.58	cps
Strontium	88-1	5456271	5593057	5691211	5580180	2.11	cps
Sulfur	34-1	961951	964993	974081	967008	0.65	cps
Terbium	159-1	6485083	6644459	6610828	6580123	1.28	cps
Terbium	159-2	3100495	3160377	3125932	3128935	0.96	cps
Thallium	205-1	275	217	192	228	18.78	cps
Thallium	203-1	83	100	117	100	16.66	cps
Tin	118-1	892	875	842	869	2.93	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-17	Instrumnet Name :	P8
Client Sample ID :	MW-101D	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 13:49:23	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9265	8311	8803	8793	5.43	cps
Uranium	238-1	4493	4276	4059	4276	5.07	cps
Vanadium	51-2	1563	1557	1500	1540	2.26	cps
Yttrium	89-1	13422889	13710134	14138659	13757227	2.62	cps
Yttrium	89-2	1536699	1516168	1502076	1518314	1.15	cps
Zinc	66-2	11725	12322	12132	12060	2.53	cps
Zirconium	90-1	2042	1884	1875	1934	4.86	cps
Zirconium	91-1	425	492	483	467	7.78	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-02DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106IDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 13:55:02	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332	306	339	326	5.29	cps
Antimony	121-1	383	308	333	342	11.18	cps
Arsenic	75-2	186	188	164	179	7.42	cps
Barium	135-1	11030	11088	11113	11077	0.39	cps
Barium	137-1	20274	20216	20683	20391	1.25	cps
Beryllium	9-1	96	110	80	95	15.75	cps
Bismuth	209-1	3317364	3470700	3360132	3382732	2.34	cps
Bismuth	209-2	2002058	2010671	2051057	2021262	1.29	cps
Boron	11-1	66866	75545	80906	74439	9.52	cps
Boron	10-1	13472	14967	15992	14810	8.56	cps
Bromine	81-1	144243	176250	196089	172194	15.19	cps
Cadmium	106-1	3467	3242	3042	3250	6.54	cps
Cadmium	108-1	0	13	4	6	114.53	cps
Cadmium	111-1	422	374	364	386	8.01	cps
Calcium	43-1	27232	27706	27816	27585	1.12	cps
Calcium	44-1	456356	471716	471705	466593	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	703	620	643	656	6.56	cps
Cobalt	59-2	187	160	157	168	9.80	cps
Copper	63-2	797	750	757	768	3.29	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-2	13	17	17	16	12.40	cps
Gadolinium	160-1	58	75	83	72	17.63	cps
Holmium	165-1	5889919	5928146	6020127	5946064	1.13	cps
Holmium	165-2	2917667	3029006	3018284	2988319	2.06	cps
Indium	115-1	5619703	5765624	5899371	5761566	2.43	cps
Indium	115-2	881294	902412	909798	897835	1.65	cps
Iron	56-2	9898	9854	9459	9737	2.48	cps
Iron	57-2	300	389	278	322	18.25	cps
Iron	54-2	883	844	839	856	2.83	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-02DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106IDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 13:55:02	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4714	4501	4657	4624	2.39	cps
Lead	206-1	328	283	322	311	7.78	cps
Lead	207-1	350	283	261	298	15.52	cps
Lead	208-1	1422	1183	1300	1302	9.18	cps
Lithium	6-1	2830010	3010407	3023227	2954548	3.66	cps
Magnesium	24-2	595903	585019	577187	586036	1.60	cps
Manganese	55-2	537	583	513	544	6.55	cps
Molybdenum	94-1	2725	2909	2842	2825	3.28	cps
Molybdenum	95-1	4826	4643	4768	4745	1.97	cps
Molybdenum	96-1	4951	5276	5393	5207	4.40	cps
Molybdenum	97-1	2717	3100	3142	2987	7.85	cps
Molybdenum	98-1	7744	7527	7461	7577	1.96	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Nickel	60-2	53	93	60	69	31.11	cps
Phosphorus	31-2	467	400	408	425	8.55	cps
Potassium	39-2	473851	469871	465642	469788	0.87	cps
Rhodium	103-1	5363670	5665448	5510817	5513311	2.74	cps
Rhodium	103-2	2504408	2510628	2558185	2524407	1.17	cps
Scandium	45-1	3958171	4102764	4168358	4076431	2.64	cps
Scandium	45-2	142253	143846	142812	142970	0.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	42	45	43	3.53	cps
Selenium	82-1	-44	241	53	83	174.03	cps
Silicon	28-1	2515195	2523695	2570958	2536616	1.18	cps
Silver	109-1	8	67	33	36	81.06	cps
Silver	107-1	67	75	50	64	19.92	cps
Sodium	23-2	22317172	21966529	21545758	21943153	1.76	cps
Strontium	86-1	83173	83575	82720	83156	0.51	cps
Strontium	88-1	643984	652848	659021	651951	1.16	cps
Sulfur	34-1	684756	692475	695379	690870	0.79	cps
Terbium	159-1	6416154	6557845	6369894	6447964	1.52	cps
Terbium	159-2	2904607	2902336	2999154	2935366	1.88	cps
Thallium	205-1	100	175	58	111	53.21	cps
Thallium	203-1	42	50	42	44	10.82	cps
Tin	118-1	275	192	250	239	17.90	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-02DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106IDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 13:55:02	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	417	275	292	328	23.62	cps
Uranium	238-1	1083	1158	1333	1192	10.77	cps
Vanadium	51-2	1000	980	1027	1002	2.34	cps
Yttrium	89-1	12971886	13530284	13417755	13306641	2.22	cps
Yttrium	89-2	1402096	1429628	1456193	1429306	1.89	cps
Zinc	66-2	240	283	240	254	9.83	cps
Zirconium	90-1	550	558	533	547	2.33	cps
Zirconium	91-1	167	67	75	103	53.99	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : M1770-04 Instrumnet Name : P8
 Client Sample ID : MW-106SMS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 14:00:26 DataFile Name : 051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232875	236615	238147	235879	1.15	cps
Antimony	121-1	1515402	1550519	1552812	1539577	1.36	cps
Arsenic	75-2	51024	51059	51220	51101	0.21	cps
Barium	135-1	1859819	1903663	1944694	1902725	2.23	cps
Barium	137-1	3246394	3385815	3355772	3329327	2.20	cps
Beryllium	9-1	438769	448531	450273	445858	1.39	cps
Bismuth	209-1	3522456	3492921	3631868	3549081	2.06	cps
Bismuth	209-2	2099779	2109957	2054317	2088018	1.42	cps
Boron	11-1	307034	340683	363122	336946	8.38	cps
Boron	10-1	61829	68973	73851	68218	8.86	cps
Bromine	81-1	324700	409458	463138	399099	17.49	cps
Cadmium	106-1	40025	41521	40677	40741	1.84	cps
Cadmium	108-1	24998	25085	26066	25383	2.34	cps
Cadmium	111-1	319234	328936	327753	325308	1.63	cps
Calcium	43-1	2109900	2188002	2204756	2167553	2.34	cps
Calcium	44-1	34546259	35753306	35471721	35257095	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	459771	459347	461638	460252	0.26	cps
Cobalt	59-2	787284	784431	787256	786324	0.21	cps
Copper	63-2	1219452	1202292	1215316	1212353	0.74	cps
Dysprosium	156-1	67	117	92	92	27.27	cps
Dysprosium	156-2	57	63	67	62	8.18	cps
Erbium	164-1	33	83	142	86	62.97	cps
Erbium	164-2	30	27	30	29	6.65	cps
Gadolinium	160-2	97	73	60	77	24.21	cps
Gadolinium	160-1	167	200	200	189	10.19	cps
Holmium	165-1	6284730	6469707	6446564	6400334	1.57	cps
Holmium	165-2	3162762	3177363	3155002	3165042	0.36	cps
Indium	115-1	5988093	5908860	6141426	6012793	1.97	cps
Indium	115-2	940505	938637	918720	932621	1.29	cps
Iron	56-2	18834887	19006087	18990937	18943970	0.50	cps
Iron	57-2	465035	462119	466434	464529	0.47	cps
Iron	54-2	1036161	1037191	1040668	1038007	0.23	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-04	Instrumnet Name :	P8
Client Sample ID :	MW-106SMS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:00:26	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4357	4307	4834	4500	6.46	cps
Lead	206-1	843355	854046	866580	854660	1.36	cps
Lead	207-1	753269	777116	762418	764268	1.57	cps
Lead	208-1	3459568	3546299	3545275	3517048	1.42	cps
Lithium	6-1	3028815	3088982	3107653	3075150	1.34	cps
Magnesium	24-2	6473721	6554973	6669811	6566168	1.50	cps
Manganese	55-2	589332	583288	589401	587340	0.60	cps
Molybdenum	94-1	3545381	3613073	3591260	3583238	0.96	cps
Molybdenum	95-1	4370175	4549080	4611232	4510162	2.77	cps
Molybdenum	96-1	4836392	4906352	4895965	4879570	0.77	cps
Molybdenum	97-1	2771749	2779340	2793813	2781634	0.40	cps
Molybdenum	98-1	6907756	7133951	7188993	7076900	2.11	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Neodymium	150-1	80	147	147	124	30.93	cps
Nickel	60-2	213173	213240	216604	214339	0.92	cps
Phosphorus	31-2	533	525	558	539	3.22	cps
Potassium	39-2	2863027	2917506	2937256	2905929	1.32	cps
Rhodium	103-1	5702833	5824350	5916729	5814638	1.84	cps
Rhodium	103-2	2631139	2638745	2566965	2612283	1.51	cps
Scandium	45-1	4295003	4398872	4389020	4360965	1.31	cps
Scandium	45-2	150236	153881	148727	150948	1.76	cps
Selenium	77-2	717	767	863	782	9.53	cps
Selenium	78-2	2615	2528	2575	2573	1.67	cps
Selenium	82-1	24929	25176	25222	25109	0.63	cps
Silicon	28-1	26265185	26475693	26895602	26545493	1.21	cps
Silver	109-1	359171	580887	551624	497227	24.22	cps
Silver	107-1	504629	1224625	575508	768254	51.65	cps
Sodium	23-2	53139347	54282649	55581428	54334475	2.25	cps
Strontium	86-1	2039736	2050749	2107501	2065995	1.76	cps
Strontium	88-1	17195090	17292410	17270195	17252565	0.30	cps
Sulfur	34-1	923569	926334	921695	923866	0.25	cps
Terbium	159-1	6939766	6833521	6918136	6897141	0.81	cps
Terbium	159-2	3202335	3180479	3144834	3175883	0.91	cps
Thallium	205-1	2484083	2475297	2562384	2507255	1.91	cps
Thallium	203-1	999720	1052665	1058364	1036916	3.12	cps
Tin	118-1	1217361	1263109	1277345	1252605	2.50	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-04	Instrumnet Name :	P8
Client Sample ID :	MW-106SMS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:00:26	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1287235	1333195	1287151	1302527	2.04	cps
Uranium	238-1	3093631	3238049	3409793	3247157	4.87	cps
Vanadium	51-2	376459	378969	381494	378974	0.66	cps
Yttrium	89-1	14300612	14292500	14156789	14249967	0.57	cps
Yttrium	89-2	1509557	1518697	1509446	1512567	0.35	cps
Zinc	66-2	147138	145040	146276	146151	0.72	cps
Zirconium	90-1	2789670	2843090	2903829	2845530	2.01	cps
Zirconium	91-1	623732	646655	646243	638877	2.05	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-05	Instrumnet Name :	P8
Client Sample ID :	MW-106SMSD	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:03:16	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232867	235292	232688	233616	0.62	cps
Antimony	121-1	1510151	1539877	1531556	1527195	1.00	cps
Arsenic	75-2	50532	50922	50985	50813	0.48	cps
Barium	135-1	1909588	1865619	1887543	1887584	1.16	cps
Barium	137-1	3278944	3295667	3294933	3289848	0.29	cps
Beryllium	9-1	443476	446228	445461	445055	0.32	cps
Bismuth	209-1	3008720	3470480	3560023	3346408	8.84	cps
Bismuth	209-2	2057016	2104455	2095096	2085522	1.20	cps
Boron	11-1	347922	369375	390599	369299	5.78	cps
Boron	10-1	69250	75654	79236	74713	6.77	cps
Bromine	81-1	409759	485215	540196	478390	13.69	cps
Cadmium	106-1	40243	39875	40176	40098	0.49	cps
Cadmium	108-1	24451	25879	25883	25404	3.25	cps
Cadmium	111-1	326289	327320	326195	326601	0.19	cps
Calcium	43-1	2157867	2186201	2127945	2157337	1.35	cps
Calcium	44-1	34986635	35524701	34671441	35060926	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460219	458573	452350	457048	0.91	cps
Cobalt	59-2	787548	782990	773405	781314	0.92	cps
Copper	63-2	1211828	1202021	1199588	1204479	0.54	cps
Dysprosium	156-1	100	133	117	117	14.29	cps
Dysprosium	156-2	63	53	87	68	25.24	cps
Erbium	164-1	125	75	58	86	40.29	cps
Erbium	164-2	37	40	33	37	9.10	cps
Gadolinium	160-2	57	73	60	63	13.92	cps
Gadolinium	160-1	175	158	125	153	16.67	cps
Holmium	165-1	5410263	6485234	6315932	6070476	9.52	cps
Holmium	165-2	3163624	3167410	3201412	3177482	0.65	cps
Indium	115-1	5264831	6075587	5973988	5771469	7.65	cps
Indium	115-2	930156	942397	949828	940794	1.06	cps
Iron	56-2	18652562	18748309	18433857	18611576	0.87	cps
Iron	57-2	455720	459044	453466	456077	0.62	cps
Iron	54-2	1045535	1030875	1024139	1033516	1.06	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-05	Instrumnet Name :	P8
Client Sample ID :	MW-106SMSD	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:03:16	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4461	4541	4738	4580	3.11	cps
Lead	206-1	836297	846302	848919	843839	0.79	cps
Lead	207-1	761433	764719	776128	767426	1.01	cps
Lead	208-1	3475553	3481440	3515277	3490757	0.61	cps
Lithium	6-1	2761440	3127400	3102825	2997222	6.83	cps
Magnesium	24-2	6407035	6477535	6473350	6452640	0.61	cps
Manganese	55-2	586531	579689	581575	582598	0.61	cps
Molybdenum	94-1	3501431	3615099	3553144	3556558	1.60	cps
Molybdenum	95-1	4367282	4530444	4511890	4469872	2.00	cps
Molybdenum	96-1	4814733	4939300	4858855	4870963	1.30	cps
Molybdenum	97-1	2753308	2749306	2762677	2755097	0.25	cps
Molybdenum	98-1	6999245	6999377	7089148	7029257	0.74	cps
Neodymium	150-2	10	13	27	17	52.93	cps
Neodymium	150-1	100	113	100	104	7.37	cps
Nickel	60-2	212016	211525	211969	211837	0.13	cps
Phosphorus	31-2	600	517	408	508	18.91	cps
Potassium	39-2	2868995	2984771	2833402	2895723	2.73	cps
Rhodium	103-1	4949058	5780487	5753815	5494454	8.60	cps
Rhodium	103-2	2627673	2594333	2621275	2614427	0.68	cps
Scandium	45-1	3777284	4424408	4223605	4141766	8.00	cps
Scandium	45-2	153016	150799	149470	151095	1.19	cps
Selenium	77-2	630	713	763	702	9.59	cps
Selenium	78-2	2481	2558	2615	2551	2.62	cps
Selenium	82-1	25198	25212	25557	25322	0.80	cps
Silicon	28-1	26770233	26795610	26797921	26787921	0.06	cps
Silver	109-1	375429	960824	896916	744390	43.14	cps
Silver	107-1	388613	568396	704821	553944	28.63	cps
Sodium	23-2	53021576	53795289	53550914	53455926	0.74	cps
Strontium	86-1	2016119	2060877	2060094	2045697	1.25	cps
Strontium	88-1	17257173	17363770	17211739	17277561	0.45	cps
Sulfur	34-1	917118	913243	919890	916750	0.36	cps
Terbium	159-1	5901636	6973434	6821947	6565672	8.83	cps
Terbium	159-2	3172615	3221661	3262419	3218899	1.40	cps
Thallium	205-1	2423015	2441250	2459486	2441250	0.75	cps
Thallium	203-1	1011810	1029928	1040686	1027474	1.42	cps
Tin	118-1	1235599	1249851	1235019	1240156	0.68	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-05	Instrumnet Name :	P8
Client Sample ID :	MW-106SMSD	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:03:16	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1320521	1308492	1292771	1307262	1.06	cps
Uranium	238-1	3097333	3137177	3260891	3165134	2.69	cps
Vanadium	51-2	378402	377686	377777	377955	0.10	cps
Yttrium	89-1	12248423	14272797	14038891	13520037	8.19	cps
Yttrium	89-2	1517873	1496902	1491585	1502120	0.93	cps
Zinc	66-2	146444	144390	142899	144577	1.23	cps
Zirconium	90-1	2895033	2871517	2857215	2874589	0.66	cps
Zirconium	91-1	641622	639195	640339	640385	0.19	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : M1770-03ARE Instrumnet Name : P8
 Client Sample ID : MW-106SARE Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 14:12:06 DataFile Name : 053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	231736	230347	229136	230406	0.56	cps
Antimony	121-1	1498486	1503837	1525925	1509416	0.96	cps
Arsenic	75-2	50386	50534	50224	50381	0.31	cps
Barium	135-1	1835349	1831942	1865063	1844118	0.99	cps
Barium	137-1	3205912	3271370	3235347	3237543	1.01	cps
Beryllium	9-1	431402	434432	438406	434747	0.81	cps
Bismuth	209-1	3527159	3475622	3612995	3538592	1.96	cps
Bismuth	209-2	2152430	2143984	2132233	2142882	0.47	cps
Boron	11-1	305017	336834	360941	334264	8.39	cps
Boron	10-1	61791	68147	71819	67252	7.54	cps
Bromine	81-1	361076	446971	513213	440420	17.32	cps
Cadmium	106-1	39357	38872	40134	39454	1.61	cps
Cadmium	108-1	25010	25307	26050	25456	2.10	cps
Cadmium	111-1	316785	320706	320047	319179	0.66	cps
Calcium	43-1	2095159	2112608	2145719	2117829	1.21	cps
Calcium	44-1	33571745	34657780	34426414	34218646	1.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	452455	453777	448396	451543	0.62	cps
Cobalt	59-2	780032	780836	771493	777454	0.67	cps
Copper	63-2	1196035	1186778	1185291	1189368	0.49	cps
Dysprosium	156-1	150	175	117	147	19.88	cps
Dysprosium	156-2	57	77	47	60	25.46	cps
Erbium	164-1	92	58	58	69	27.71	cps
Erbium	164-2	27	20	40	29	35.25	cps
Gadolinium	160-2	83	87	80	83	4.00	cps
Gadolinium	160-1	208	133	142	161	25.51	cps
Holmium	165-1	6564307	6437436	6468748	6490164	1.02	cps
Holmium	165-2	3252189	3189790	3239968	3227316	1.02	cps
Indium	115-1	6108222	5892261	6042316	6014266	1.84	cps
Indium	115-2	956709	942711	947833	949085	0.75	cps
Iron	56-2	18357384	18256215	18405414	18339671	0.42	cps
Iron	57-2	455700	452155	449244	452366	0.71	cps
Iron	54-2	1020526	1012502	1009430	1014153	0.56	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03ARE	Instrumnet Name :	P8
Client Sample ID :	MW-106SARE	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:12:06	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4891	4594	4724	4736	3.14	cps
Lead	206-1	815174	826233	825527	822311	0.75	cps
Lead	207-1	737484	745376	756256	746372	1.26	cps
Lead	208-1	3352433	3428709	3474594	3418579	1.81	cps
Lithium	6-1	3072578	3091365	3104101	3089348	0.51	cps
Magnesium	24-2	6420679	6404731	6304113	6376508	0.99	cps
Manganese	55-2	579118	574878	574239	576079	0.46	cps
Molybdenum	94-1	3436559	3472747	3512256	3473854	1.09	cps
Molybdenum	95-1	4299408	4407889	4447841	4385046	1.75	cps
Molybdenum	96-1	4632560	4785258	4808163	4741994	2.01	cps
Molybdenum	97-1	2682785	2759894	2754114	2732264	1.57	cps
Molybdenum	98-1	6782133	6931933	7001227	6905098	1.62	cps
Neodymium	150-2	13	10	0	8	89.21	cps
Neodymium	150-1	127	93	73	98	27.55	cps
Nickel	60-2	211682	211296	211246	211408	0.11	cps
Phosphorus	31-2	550	475	467	497	9.23	cps
Potassium	39-2	2847400	2851739	2801513	2833551	0.98	cps
Rhodium	103-1	5837773	5777796	5932270	5849280	1.33	cps
Rhodium	103-2	2715520	2659396	2634729	2669882	1.55	cps
Scandium	45-1	4306581	4343045	4425795	4358474	1.40	cps
Scandium	45-2	152932	151749	153838	152840	0.69	cps
Selenium	77-2	713	717	770	733	4.34	cps
Selenium	78-2	2486	2566	2505	2519	1.64	cps
Selenium	82-1	24338	24989	24888	24738	1.42	cps
Silicon	28-1	25929276	26308641	26510405	26249441	1.12	cps
Silver	109-1	1614129	1817342	1625719	1685730	6.77	cps
Silver	107-1	1705214	1787311	1828044	1773523	3.53	cps
Sodium	23-2	52841772	52904313	53266468	53004184	0.43	cps
Strontium	86-1	2010327	2058509	2070309	2046382	1.55	cps
Strontium	88-1	16634646	16872327	17525177	17010717	2.71	cps
Sulfur	34-1	910416	909375	915903	911898	0.38	cps
Terbium	159-1	6870986	6606365	6830169	6769173	2.10	cps
Terbium	159-2	3214407	3119877	3206728	3180337	1.65	cps
Thallium	205-1	2392159	2429311	2456691	2426054	1.34	cps
Thallium	203-1	995340	994993	1008405	999579	0.76	cps
Tin	118-1	1220771	1213989	1236200	1223653	0.93	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03ARE	Instrumnet Name :	P8
Client Sample ID :	MW-106SARE	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:12:06	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1258544	1283619	1307767	1283310	1.92	cps
Uranium	238-1	3061419	3220626	3207745	3163263	2.80	cps
Vanadium	51-2	377109	372776	375690	375192	0.59	cps
Yttrium	89-1	14308706	13991022	14664961	14321563	2.35	cps
Yttrium	89-2	1536645	1523386	1505644	1521892	1.02	cps
Zinc	66-2	144067	145582	142569	144073	1.05	cps
Zirconium	90-1	2762447	2816749	2880779	2819992	2.10	cps
Zirconium	91-1	618883	631944	633884	628237	1.30	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-105DDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:14:54	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	806	851	781	813	4.36	cps
Antimony	121-1	1183	1242	1317	1247	5.36	cps
Arsenic	75-2	30	34	20	28	25.75	cps
Barium	135-1	6468	6335	6618	6474	2.19	cps
Barium	137-1	11197	11572	10738	11169	3.74	cps
Beryllium	9-1	276	256	252	261	4.92	cps
Bismuth	209-1	3304749	3435863	3137981	3292864	4.53	cps
Bismuth	209-2	2072258	2010795	2090739	2057931	2.03	cps
Boron	11-1	123895	131073	135253	130074	4.42	cps
Boron	10-1	25315	25695	27091	26034	3.59	cps
Bromine	81-1	372269	411911	441286	408489	8.48	cps
Cadmium	106-1	2900	3309	3009	3073	6.89	cps
Cadmium	108-1	29	46	25	33	33.06	cps
Cadmium	111-1	428	478	425	444	6.71	cps
Calcium	43-1	159139	165687	168052	164293	2.81	cps
Calcium	44-1	2655647	2763339	2819676	2746221	3.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1010	1043	1057	1037	2.32	cps
Cobalt	59-2	487	427	363	426	14.49	cps
Copper	63-2	2090	1973	1920	1995	4.36	cps
Dysprosium	156-1	8	17	50	25	88.19	cps
Dysprosium	156-2	20	30	3	18	75.79	cps
Erbium	164-1	33	58	50	47	26.96	cps
Erbium	164-2	20	53	33	36	47.19	cps
Gadolinium	160-2	20	23	33	26	27.15	cps
Gadolinium	160-1	75	67	92	78	16.37	cps
Holmium	165-1	6208368	6205528	5828346	6080748	3.59	cps
Holmium	165-2	3123456	3011274	3129885	3088205	2.16	cps
Indium	115-1	5962752	5915495	5542857	5807035	3.96	cps
Indium	115-2	940258	925149	941995	935801	0.99	cps
Iron	56-2	436492	427814	425095	429801	1.38	cps
Iron	57-2	10915	10537	10888	10780	1.95	cps
Iron	54-2	23854	24343	27331	25176	7.48	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-105DDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:14:54	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4511	4851	4627	4663	3.71	cps
Lead	206-1	1450	1733	1678	1621	9.27	cps
Lead	207-1	1311	1383	1217	1304	6.41	cps
Lead	208-1	6128	6167	6045	6114	1.02	cps
Lithium	6-1	2966296	3036859	2847121	2950092	3.25	cps
Magnesium	24-2	2822114	2730763	2710386	2754421	2.16	cps
Manganese	55-2	102058	100651	100779	101163	0.77	cps
Molybdenum	94-1	2067	2309	1892	2089	10.02	cps
Molybdenum	95-1	2900	2934	2592	2809	6.71	cps
Molybdenum	96-1	3434	2817	2959	3070	10.52	cps
Molybdenum	97-1	2084	1517	1617	1739	17.40	cps
Molybdenum	98-1	4751	4376	3734	4287	12.00	cps
Neodymium	150-2	20	10	17	16	32.73	cps
Neodymium	150-1	33	27	27	29	13.31	cps
Nickel	60-2	263	247	267	259	4.14	cps
Phosphorus	31-2	308	333	275	306	9.58	cps
Potassium	39-2	1179579	1173536	1156625	1169913	1.02	cps
Rhodium	103-1	5615177	5769947	5142099	5509074	5.94	cps
Rhodium	103-2	2622306	2579121	2621720	2607716	0.95	cps
Scandium	45-1	4175492	4177516	3875959	4076322	4.26	cps
Scandium	45-2	147954	147782	150778	148838	1.13	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	49	41	51	47	11.27	cps
Selenium	82-1	210	-122	175	88	207.93	cps
Silicon	28-1	2396677	2439552	2412781	2416337	0.90	cps
Silver	109-1	1508	1075	867	1150	28.47	cps
Silver	107-1	1225	1192	3342	1920	64.17	cps
Sodium	23-2	50468924	49705035	49185556	49786505	1.30	cps
Strontium	86-1	355936	369833	374500	366757	2.63	cps
Strontium	88-1	3036433	3113041	3189415	3112963	2.46	cps
Sulfur	34-1	949067	953012	962885	954988	0.75	cps
Terbium	159-1	6513565	6624958	6081198	6406574	4.48	cps
Terbium	159-2	3129827	3035242	3117256	3094108	1.66	cps
Thallium	205-1	1350	1333	1367	1350	1.23	cps
Thallium	203-1	675	508	475	553	19.39	cps
Tin	118-1	883	842	633	786	17.04	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-105DDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:14:54	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1108	1092	892	1031	11.70	cps
Uranium	238-1	4751	4484	4676	4637	2.97	cps
Vanadium	51-2	260	250	217	242	9.37	cps
Yttrium	89-1	13775430	13700584	12959491	13478502	3.35	cps
Yttrium	89-2	1481850	1470585	1490542	1480992	0.68	cps
Zinc	66-2	10467	10067	10177	10237	2.02	cps
Zirconium	90-1	1558	1400	1233	1397	11.63	cps
Zirconium	91-1	350	275	275	300	14.43	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL	Dilution Factor :	20
Date & Time Acquired ::	2021-03-25 14:17:45	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	485	490	479	485	1.16	cps
Antimony	121-1	292	333	258	294	12.76	cps
Arsenic	75-2	31	17	20	23	32.52	cps
Barium	135-1	2775	2734	3059	2856	6.19	cps
Barium	137-1	5626	5084	5526	5412	5.33	cps
Beryllium	9-1	106	112	148	122	18.62	cps
Bismuth	209-1	3426437	3494894	3460197	3460509	0.99	cps
Bismuth	209-2	2022345	2062613	2171952	2085637	3.71	cps
Boron	11-1	83613	88657	92520	88263	5.06	cps
Boron	10-1	16608	17873	18620	17700	5.75	cps
Bromine	81-1	294653	325110	346358	322040	8.07	cps
Cadmium	106-1	3309	3209	3401	3306	2.90	cps
Cadmium	108-1	33	4	4	14	121.21	cps
Cadmium	111-1	324	347	366	346	6.09	cps
Calcium	43-1	73338	73142	73447	73309	0.21	cps
Calcium	44-1	1240741	1247465	1256830	1248345	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	720	843	770	778	7.98	cps
Cobalt	59-2	287	277	223	262	12.98	cps
Copper	63-2	1350	1377	1357	1361	1.02	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	3	17	3	8	99.04	cps
Erbium	164-1	33	67	42	47	36.74	cps
Erbium	164-2	20	10	13	14	35.26	cps
Gadolinium	160-2	33	30	13	26	41.94	cps
Gadolinium	160-1	75	75	17	56	60.62	cps
Holmium	165-1	6236084	6058465	6243405	6179318	1.69	cps
Holmium	165-2	2966701	3052342	3193670	3070904	3.73	cps
Indium	115-1	5944392	6013973	6023904	5994090	0.72	cps
Indium	115-2	897636	933099	965811	932182	3.66	cps
Iron	56-2	185575	185057	184939	185190	0.18	cps
Iron	57-2	4534	4617	4629	4593	1.12	cps
Iron	54-2	10537	10132	10510	10393	2.18	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL	Dilution Factor :	20
Date & Time Acquired ::	2021-03-25 14:17:45	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4567	4587	4584	4580	0.23	cps
Lead	206-1	628	633	728	663	8.48	cps
Lead	207-1	517	500	667	561	16.36	cps
Lead	208-1	2495	2483	2756	2578	5.98	cps
Lithium	6-1	3053369	3044566	3015415	3037783	0.65	cps
Magnesium	24-2	2039391	2019449	2092829	2050556	1.85	cps
Manganese	55-2	73501	72419	73558	73159	0.88	cps
Molybdenum	94-1	658	525	625	603	11.51	cps
Molybdenum	95-1	550	517	617	561	9.07	cps
Molybdenum	96-1	617	558	625	600	6.06	cps
Molybdenum	97-1	417	292	167	292	42.86	cps
Molybdenum	98-1	708	833	808	783	8.44	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Nickel	60-2	207	153	187	182	14.78	cps
Phosphorus	31-2	225	317	300	281	17.40	cps
Potassium	39-2	570049	568412	573272	570577	0.43	cps
Rhodium	103-1	5613806	5751107	5777744	5714219	1.54	cps
Rhodium	103-2	2489764	2680687	2739067	2636506	4.95	cps
Scandium	45-1	4214192	4265773	4256119	4245361	0.65	cps
Scandium	45-2	141545	151073	156732	149783	5.12	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	43	44	48	45	5.89	cps
Selenium	82-1	351	270	222	281	23.21	cps
Silicon	28-1	1950689	2024326	1966813	1980610	1.95	cps
Silver	109-1	350	342	317	336	5.16	cps
Silver	107-1	408	843	308	520	54.65	cps
Sodium	23-2	36335262	36592260	36579674	36502399	0.40	cps
Strontium	86-1	200355	202543	206338	203079	1.49	cps
Strontium	88-1	1679456	1710347	1721088	1703630	1.27	cps
Sulfur	34-1	729382	737424	735463	734090	0.57	cps
Terbium	159-1	6563475	6784482	6789520	6712492	1.92	cps
Terbium	159-2	2980455	3124363	3188398	3097739	3.44	cps
Thallium	205-1	142	217	242	200	26.02	cps
Thallium	203-1	33	92	100	75	48.44	cps
Tin	118-1	325	242	258	275	16.03	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL	Dilution Factor :	20
Date & Time Acquired ::	2021-03-25 14:17:45	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	450	450	558	486	12.87	cps
Uranium	238-1	10363	10213	10371	10316	0.86	cps
Vanadium	51-2	47	37	80	54	41.67	cps
Yttrium	89-1	13903798	14047136	14181292	14044075	0.99	cps
Yttrium	89-2	1419507	1483524	1521675	1474902	3.50	cps
Zinc	66-2	2190	2190	2167	2182	0.62	cps
Zirconium	90-1	1092	758	817	889	20.03	cps
Zirconium	91-1	183	117	192	164	25.08	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-12DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-104IDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:20:33	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	405	437	415	419	3.97	cps
Antimony	121-1	258	283	175	239	23.74	cps
Arsenic	75-2	22	28	31	27	16.97	cps
Barium	135-1	3225	3426	3351	3334	3.03	cps
Barium	137-1	6177	5952	6418	6182	3.78	cps
Beryllium	9-1	108	88	106	101	10.94	cps
Bismuth	209-1	3517394	3476220	3468527	3487381	0.75	cps
Bismuth	209-2	2179679	2161607	2114519	2151935	1.56	cps
Boron	11-1	29710	28872	27765	28782	3.39	cps
Boron	10-1	6122	5962	5538	5874	5.14	cps
Bromine	81-1	75801	74150	68123	72691	5.56	cps
Cadmium	106-1	3300	3534	3384	3406	3.47	cps
Cadmium	108-1	29	8	8	15	78.76	cps
Cadmium	111-1	339	393	362	365	7.52	cps
Calcium	43-1	11045	11462	11393	11300	1.98	cps
Calcium	44-1	195904	198630	196759	197098	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	700	627	687	671	5.82	cps
Cobalt	59-2	53	57	70	60	14.70	cps
Copper	63-2	2324	2444	2610	2459	5.86	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	30	30	13	24	39.37	cps
Gadolinium	160-2	27	20	20	22	17.33	cps
Gadolinium	160-1	58	58	92	69	27.71	cps
Holmium	165-1	6133924	6180873	6224375	6179724	0.73	cps
Holmium	165-2	3153577	3134890	3130822	3139763	0.39	cps
Indium	115-1	6018190	5965356	6102189	6028578	1.14	cps
Indium	115-2	946858	948226	950609	948564	0.20	cps
Iron	56-2	79855	80911	81392	80719	0.97	cps
Iron	57-2	1922	1995	2367	2095	11.39	cps
Iron	54-2	4579	4351	4818	4582	5.09	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-12DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-104IDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:20:33	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4664	4711	4624	4666	0.93	cps
Lead	206-1	1050	1117	1006	1057	5.29	cps
Lead	207-1	861	800	789	817	4.76	cps
Lead	208-1	4039	4111	4056	4069	0.93	cps
Lithium	6-1	3094159	3083690	3034772	3070873	1.03	cps
Magnesium	24-2	27802	27535	26967	27435	1.55	cps
Manganese	55-2	1923	1760	2094	1926	8.66	cps
Molybdenum	94-1	275	250	217	247	11.84	cps
Molybdenum	95-1	200	208	150	186	16.95	cps
Molybdenum	96-1	217	183	192	197	8.79	cps
Molybdenum	97-1	225	75	50	117	81.13	cps
Molybdenum	98-1	225	275	292	264	13.15	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Nickel	60-2	130	120	103	118	11.44	cps
Phosphorus	31-2	267	433	317	339	25.24	cps
Potassium	39-2	178182	177265	178545	177997	0.37	cps
Rhodium	103-1	5874985	5967520	5823968	5888825	1.24	cps
Rhodium	103-2	2702084	2704217	2728831	2711710	0.55	cps
Scandium	45-1	4153821	4152589	4293743	4200051	1.93	cps
Scandium	45-2	151613	149631	146640	149294	1.68	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	36	52	50	46	18.96	cps
Selenium	82-1	60	-190	101	-10	-1639.18	cps
Silicon	28-1	1495082	1532990	1537469	1521847	1.53	cps
Silver	109-1	250	325	183	253	28.04	cps
Silver	107-1	283	217	217	239	16.11	cps
Sodium	23-2	269751	263846	263606	265734	1.31	cps
Strontium	86-1	25348	26083	24380	25271	3.38	cps
Strontium	88-1	149225	152991	149859	150692	1.34	cps
Sulfur	34-1	505508	500365	503872	503248	0.52	cps
Terbium	159-1	6714813	6609347	6561974	6628712	1.18	cps
Terbium	159-2	3113066	3127132	3117515	3119238	0.23	cps
Thallium	205-1	142	108	150	133	16.53	cps
Thallium	203-1	58	83	67	69	18.33	cps
Tin	118-1	158	292	175	208	34.87	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-12DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-104IDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:20:33	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	275	392	339	17.45	cps
Uranium	238-1	25	25	67	39	61.86	cps
Vanadium	51-2	37	10	23	23	57.15	cps
Yttrium	89-1	14013434	14121699	14144111	14093081	0.50	cps
Yttrium	89-2	1505231	1485884	1477936	1489683	0.94	cps
Zinc	66-2	1280	1313	1230	1275	3.29	cps
Zirconium	90-1	417	517	508	481	11.55	cps
Zirconium	91-1	67	117	108	97	27.55	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103DDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:23:24	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	560	564	531	552	3.22	cps
Antimony	121-1	225	217	200	214	5.95	cps
Arsenic	75-2	10	9	8	9	11.11	cps
Barium	135-1	1175	1208	1267	1217	3.81	cps
Barium	137-1	2034	2209	1984	2075	5.69	cps
Beryllium	9-1	80	80	70	77	7.52	cps
Bismuth	209-1	3457686	3427294	3517015	3467332	1.32	cps
Bismuth	209-2	2156941	2170348	2135696	2154328	0.81	cps
Boron	11-1	18454	18558	18468	18493	0.31	cps
Boron	10-1	3808	3756	3626	3730	2.51	cps
Bromine	81-1	38532	37930	37940	38134	0.90	cps
Cadmium	106-1	3451	3226	3300	3326	3.45	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Cadmium	111-1	371	340	350	354	4.43	cps
Calcium	43-1	6532	6506	6434	6491	0.78	cps
Calcium	44-1	117652	118583	119502	118579	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	677	813	680	723	10.78	cps
Cobalt	59-2	117	97	127	113	13.48	cps
Copper	63-2	6612	6578	6488	6559	0.97	cps
Dysprosium	156-1	17	25	67	36	74.18	cps
Dysprosium	156-2	3	20	7	10	88.20	cps
Erbium	164-1	33	33	108	58	74.24	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-2	30	20	27	26	19.92	cps
Gadolinium	160-1	92	50	42	61	43.83	cps
Holmium	165-1	6161105	6069382	6220871	6150453	1.24	cps
Holmium	165-2	3084806	3101001	3067805	3084537	0.54	cps
Indium	115-1	6015199	5667109	6005344	5895884	3.36	cps
Indium	115-2	940035	949113	944681	944610	0.48	cps
Iron	56-2	491148	486386	482860	486798	0.85	cps
Iron	57-2	12428	12506	12406	12446	0.42	cps
Iron	54-2	26636	27098	26313	26683	1.48	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103DDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:23:24	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	5011	4861	4527	4800	5.16	cps
Lead	206-1	2523	2428	2261	2404	5.50	cps
Lead	207-1	1967	2100	1911	1993	4.87	cps
Lead	208-1	9068	8962	9174	9068	1.16	cps
Lithium	6-1	2906551	2844391	2963239	2904727	2.05	cps
Magnesium	24-2	9403	9312	9578	9431	1.44	cps
Manganese	55-2	7759	7639	7655	7684	0.85	cps
Molybdenum	94-1	200	225	183	203	10.34	cps
Molybdenum	95-1	142	183	125	150	20.03	cps
Molybdenum	96-1	142	250	192	194	27.89	cps
Molybdenum	97-1	42	117	75	78	48.31	cps
Molybdenum	98-1	167	233	208	203	16.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Nickel	60-2	150	200	117	156	26.96	cps
Phosphorus	31-2	467	350	300	372	22.98	cps
Potassium	39-2	70933	71344	70456	70911	0.63	cps
Rhodium	103-1	5802523	5613233	5773281	5729679	1.78	cps
Rhodium	103-2	2668531	2661031	2645996	2658519	0.43	cps
Scandium	45-1	4168726	4001188	4089133	4086349	2.05	cps
Scandium	45-2	148240	150465	151093	149933	1.00	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	46	51	45	47	6.80	cps
Selenium	82-1	-219	-190	204	-68	-347.02	cps
Silicon	28-1	1322287	1335826	1293541	1317218	1.64	cps
Silver	109-1	117	92	100	103	12.39	cps
Silver	107-1	175	142	100	139	27.06	cps
Sodium	23-2	185637	187224	186168	186343	0.43	cps
Strontium	86-1	20290	20315	20549	20385	0.70	cps
Strontium	88-1	112048	113904	111839	112597	1.01	cps
Sulfur	34-1	496839	493755	499581	496725	0.59	cps
Terbium	159-1	6462971	6450933	6528825	6480910	0.65	cps
Terbium	159-2	3023262	3126929	3054347	3068179	1.73	cps
Thallium	205-1	175	133	142	150	14.70	cps
Thallium	203-1	58	83	42	61	34.32	cps
Tin	118-1	283	258	175	239	23.74	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103DDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-25 14:23:24	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	433	475	592	500	16.42	cps
Uranium	238-1	67	42	33	47	36.74	cps
Vanadium	51-2	40	40	27	36	21.64	cps
Yttrium	89-1	13484891	13195907	13652531	13444443	1.72	cps
Yttrium	89-2	1503980	1489118	1504308	1499135	0.58	cps
Zinc	66-2	2774	2834	2860	2823	1.57	cps
Zirconium	90-1	492	608	433	511	17.43	cps
Zirconium	91-1	67	75	117	86	31.11	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : CCV19 Instrumnet Name : P8
 Client Sample ID : CCV19 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 14:47:15 DataFile Name : 060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1112640	1112847	1124345	1116611	0.60	cps
Antimony	121-1	1517174	1530522	1538315	1528670	0.70	cps
Arsenic	75-2	50213	50495	50269	50325	0.30	cps
Barium	135-1	1677623	1745599	1746447	1723223	2.29	cps
Barium	137-1	2965079	3037771	3031075	3011309	1.33	cps
Beryllium	9-1	446538	450641	457232	451470	1.19	cps
Bismuth	209-1	3309711	3352998	3559186	3407298	3.91	cps
Bismuth	209-2	2168240	2084210	2039008	2097153	3.13	cps
Boron	11-1	155219	169631	179979	168276	7.39	cps
Boron	10-1	31511	34529	36843	34295	7.80	cps
Bromine	81-1	10565	10535	11456	10852	4.83	cps
Cadmium	106-1	42332	40736	43578	42215	3.37	cps
Cadmium	108-1	27244	27327	27194	27255	0.25	cps
Cadmium	111-1	344086	351916	346367	347456	1.16	cps
Calcium	43-1	2290043	2316577	2327647	2311423	0.84	cps
Calcium	44-1	37373990	37738193	38265784	37792656	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	475619	478364	480337	478107	0.50	cps
Cobalt	59-2	806393	798076	804539	803003	0.54	cps
Copper	63-2	5899768	5871022	5924307	5898365	0.45	cps
Dysprosium	156-1	433	317	483	411	20.80	cps
Dysprosium	156-2	227	203	183	204	10.61	cps
Erbium	164-1	33	67	67	56	34.65	cps
Erbium	164-2	57	47	27	43	35.25	cps
Gadolinium	160-2	287	297	257	280	7.44	cps
Gadolinium	160-1	500	533	442	492	9.44	cps
Holmium	165-1	6162765	6316983	6527334	6335694	2.89	cps
Holmium	165-2	3289976	3178019	3113522	3193839	2.80	cps
Indium	115-1	5905055	5999298	6024701	5976351	1.05	cps
Indium	115-2	984031	950215	922700	952315	3.23	cps
Iron	56-2	91941380	93157577	91786544	92295167	0.81	cps
Iron	57-2	2345759	2334696	2306382	2328946	0.87	cps
Iron	54-2	5118376	5173096	5057621	5116364	1.13	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:47:15	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4657	4691	4908	4752	2.86	cps
Lead	206-1	4142481	4255775	4233064	4210440	1.42	cps
Lead	207-1	3718161	3790088	3840236	3782828	1.62	cps
Lead	208-1	16706777	16872029	16945760	16841522	0.73	cps
Lithium	6-1	2857105	2859435	2919645	2878728	1.23	cps
Magnesium	24-2	17287605	17291829	17234294	17271243	0.19	cps
Manganese	55-2	2364199	2372981	2357737	2364972	0.32	cps
Molybdenum	94-1	3434517	3519889	3464498	3472968	1.25	cps
Molybdenum	95-1	4257265	4367102	4342925	4322431	1.34	cps
Molybdenum	96-1	4728504	4735173	4700095	4721257	0.39	cps
Molybdenum	97-1	2645078	2637701	2683987	2655589	0.94	cps
Molybdenum	98-1	6712724	6858643	6958917	6843428	1.81	cps
Neodymium	150-2	10	23	17	17	39.99	cps
Neodymium	150-1	73	120	100	98	23.94	cps
Nickel	60-2	221386	219034	219599	220006	0.56	cps
Phosphorus	31-2	13582	14558	14591	14243	4.03	cps
Potassium	39-2	6881895	6773933	6789604	6815144	0.86	cps
Rhodium	103-1	5600556	5526914	5893826	5673765	3.42	cps
Rhodium	103-2	2731443	2645267	2556071	2644260	3.32	cps
Scandium	45-1	4212055	4157147	4463957	4277719	3.82	cps
Scandium	45-2	159987	152587	147542	153372	4.08	cps
Selenium	77-2	687	777	763	742	6.54	cps
Selenium	78-2	2611	2722	2562	2631	3.12	cps
Selenium	82-1	24447	24500	24573	24506	0.26	cps
Silicon	28-1	2406632	2531910	2654947	2531163	4.91	cps
Silver	109-1	1680900	1705016	1741893	1709270	1.80	cps
Silver	107-1	1792552	1897030	1795447	1828343	3.25	cps
Sodium	23-2	33028218	33452661	33277799	33252893	0.64	cps
Strontium	86-1	549048	560350	559283	556227	1.12	cps
Strontium	88-1	4615887	4753592	4700619	4690033	1.48	cps
Sulfur	34-1	640164	643695	645166	643008	0.40	cps
Terbium	159-1	6465860	6496750	6894505	6619038	3.61	cps
Terbium	159-2	3275322	3129162	3057596	3154027	3.52	cps
Thallium	205-1	2391011	2425759	2443417	2420062	1.10	cps
Thallium	203-1	988599	1024235	1021519	1011451	1.96	cps
Tin	118-1	1172929	1177228	1193769	1181309	0.93	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 14:47:15	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1236547	1257906	1295140	1263198	2.35	cps
Uranium	238-1	3074262	3127655	3110462	3104126	0.88	cps
Vanadium	51-2	386022	382389	390116	386176	1.00	cps
Yttrium	89-1	13950346	14050264	14432158	14144256	1.80	cps
Yttrium	89-2	1608119	1513419	1481522	1534353	4.29	cps
Zinc	66-2	708429	711155	705118	708234	0.43	cps
Zirconium	90-1	2847986	2963204	2900619	2903936	1.99	cps
Zirconium	91-1	623550	653992	636798	638113	2.39	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P8
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 15:02:43 DataFile Name : 061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	289	322	346	319	9.05	cps
Antimony	121-1	167	233	1284	561	111.66	cps
Arsenic	75-2	7	9	12	9	26.96	cps
Barium	135-1	17	0	1210	409	169.69	cps
Barium	137-1	67	58	1878	668	157.00	cps
Beryllium	9-1	56	86	122	88	37.55	cps
Bismuth	209-1	3238783	3447064	3547886	3411244	4.62	cps
Bismuth	209-2	2127623	2084039	2194703	2135455	2.61	cps
Boron	11-1	5694	5530	5708	5644	1.75	cps
Boron	10-1	1200	1230	1130	1186	4.32	cps
Bromine	81-1	9102	9393	9413	9303	1.87	cps
Cadmium	106-1	2800	3250	3167	3073	7.79	cps
Cadmium	108-1	25	13	33	24	44.41	cps
Cadmium	111-1	279	325	627	410	46.06	cps
Calcium	43-1	246	269	609	375	54.23	cps
Calcium	44-1	11721	11828	15737	13096	17.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	637	560	663	620	8.65	cps
Cobalt	59-2	30	40	40	37	15.75	cps
Copper	63-2	500	547	557	534	5.66	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-2	10	27	27	21	45.58	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Holmium	165-1	6045944	6067833	6342763	6152180	2.69	cps
Holmium	165-2	3046569	2989325	3117964	3051286	2.11	cps
Indium	115-1	5877806	5989325	6045054	5970728	1.43	cps
Indium	115-2	938593	932640	943628	938287	0.59	cps
Iron	56-2	2284	2317	2411	2337	2.84	cps
Iron	57-2	83	133	144	120	27.04	cps
Iron	54-2	417	494	367	426	15.12	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:02:43	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4634	4687	4624	4649	0.73	cps
Lead	206-1	372	433	1268	691	72.38	cps
Lead	207-1	444	422	1106	658	59.08	cps
Lead	208-1	1639	1822	4915	2792	65.93	cps
Lithium	6-1	2829831	2839952	2951874	2873886	2.36	cps
Magnesium	24-2	600	550	450	533	14.32	cps
Manganese	55-2	110	63	77	83	28.85	cps
Molybdenum	94-1	233	217	7268	2573	158.06	cps
Molybdenum	95-1	108	75	8905	3029	167.96	cps
Molybdenum	96-1	175	117	9718	3337	165.64	cps
Molybdenum	97-1	100	42	5725	1956	166.94	cps
Molybdenum	98-1	308	133	13352	4598	164.90	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	7	0	33	13	132.27	cps
Nickel	60-2	53	27	37	39	34.63	cps
Phosphorus	31-2	333	308	250	297	14.39	cps
Potassium	39-2	25273	26650	26241	26055	2.72	cps
Rhodium	103-1	5683437	5908967	5860607	5817671	2.04	cps
Rhodium	103-2	2676617	2661102	2696788	2678169	0.67	cps
Scandium	45-1	3958058	4178932	4195479	4110823	3.22	cps
Scandium	45-2	147727	148186	149721	148545	0.70	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	43	41	42	42	2.38	cps
Selenium	82-1	-4	-173	-96	-91	-93.18	cps
Silicon	28-1	1162093	1160093	1123801	1148662	1.88	cps
Silver	109-1	117	33	1926	692	154.55	cps
Silver	107-1	67	92	383	181	97.52	cps
Sodium	23-2	49735	48105	48272	48704	1.84	cps
Strontium	86-1	7110	7511	9248	7956	14.29	cps
Strontium	88-1	58	50	21200	7103	171.88	cps
Sulfur	34-1	478488	479057	477584	478376	0.16	cps
Terbium	159-1	6190165	6484416	6665404	6446662	3.72	cps
Terbium	159-2	3070979	3070758	3065054	3068930	0.11	cps
Thallium	205-1	100	150	759	336	109.07	cps
Thallium	203-1	67	100	317	161	84.27	cps
Tin	118-1	192	283	1218	564	100.62	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:02:43	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	158	300	264	35.21	cps
Uranium	238-1	0	8	792	267	170.51	cps
Vanadium	51-2	0	10	10	7	86.60	cps
Yttrium	89-1	13184182	13748954	14370106	13767747	4.31	cps
Yttrium	89-2	1499607	1485292	1487006	1490635	0.52	cps
Zinc	66-2	63	83	103	83	24.01	cps
Zirconium	90-1	458	558	6047	2355	135.83	cps
Zirconium	91-1	67	100	1469	545	146.76	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : M1770-18 Instrumnet Name : P8
 Client Sample ID : FB-03232021 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 15:05:46 DataFile Name : 062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	451	497	440	463	6.58	cps
Antimony	121-1	133	142	92	122	21.92	cps
Arsenic	75-2	7	10	8	8	18.33	cps
Barium	135-1	58	117	133	103	38.32	cps
Barium	137-1	150	117	108	125	17.64	cps
Beryllium	9-1	90	82	78	83	7.33	cps
Bismuth	209-1	3546969	3487102	3438753	3490941	1.55	cps
Bismuth	209-2	2178783	2129270	2141748	2149934	1.20	cps
Boron	11-1	4954	4868	4768	4863	1.91	cps
Boron	10-1	1126	1012	1042	1060	5.57	cps
Bromine	81-1	8812	9693	9603	9370	5.18	cps
Cadmium	106-1	3025	3192	3334	3184	4.85	cps
Cadmium	108-1	8	25	13	15	56.79	cps
Cadmium	111-1	313	323	345	327	5.05	cps
Calcium	43-1	435	396	351	394	10.63	cps
Calcium	44-1	14168	13978	14109	14085	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	900	707	720	776	13.93	cps
Cobalt	59-2	37	40	30	36	14.32	cps
Copper	63-2	523	503	510	512	1.99	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-2	7	13	17	12	41.65	cps
Gadolinium	160-1	50	50	17	39	49.48	cps
Holmium	165-1	6497055	6128189	6102575	6242606	3.54	cps
Holmium	165-2	3138020	3063438	3094403	3098620	1.21	cps
Indium	115-1	6345275	6002280	6056867	6134807	3.00	cps
Indium	115-2	949112	942645	953941	948566	0.60	cps
Iron	56-2	8664	8247	8130	8347	3.36	cps
Iron	57-2	250	294	244	263	10.42	cps
Iron	54-2	767	844	722	778	7.95	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-18	Instrumnet Name :	P8
Client Sample ID :	FB-03232021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:05:46	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4521	4541	4751	4604	2.77	cps
Lead	206-1	500	400	533	478	14.52	cps
Lead	207-1	378	383	294	352	14.15	cps
Lead	208-1	1861	1733	1783	1793	3.59	cps
Lithium	6-1	3035278	2909123	2897663	2947355	2.59	cps
Magnesium	24-2	800	1017	1000	939	12.84	cps
Manganese	55-2	327	337	353	339	3.98	cps
Molybdenum	94-1	250	158	200	203	22.63	cps
Molybdenum	95-1	117	42	67	75	50.92	cps
Molybdenum	96-1	133	75	92	100	30.05	cps
Molybdenum	97-1	50	33	33	39	24.75	cps
Molybdenum	98-1	133	75	100	103	28.48	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Neodymium	150-1	27	13	40	27	50.01	cps
Nickel	60-2	47	47	80	58	33.30	cps
Phosphorus	31-2	308	325	250	294	13.37	cps
Potassium	39-2	26133	26575	25715	26141	1.64	cps
Rhodium	103-1	6069224	5746991	5871182	5895799	2.76	cps
Rhodium	103-2	2724317	2660836	2730803	2705319	1.43	cps
Scandium	45-1	4214900	4207978	4153014	4191964	0.81	cps
Scandium	45-2	150616	149615	151015	150415	0.48	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	59	56	40	52	19.78	cps
Selenium	82-1	215	38	-297	-15	-1743.12	cps
Silicon	28-1	1154236	1143426	1150765	1149476	0.48	cps
Silver	109-1	42	42	17	33	43.30	cps
Silver	107-1	33	50	50	44	21.66	cps
Sodium	23-2	52938	50697	51750	51795	2.16	cps
Strontium	86-1	6910	7569	7569	7349	5.18	cps
Strontium	88-1	1175	1283	1100	1186	7.77	cps
Sulfur	34-1	477312	479789	478127	478409	0.26	cps
Terbium	159-1	6649663	6583235	6429988	6554295	1.72	cps
Terbium	159-2	3065866	3051025	3139260	3085383	1.53	cps
Thallium	205-1	183	167	150	167	10.00	cps
Thallium	203-1	92	92	92	92	0.00	cps
Tin	118-1	325	292	333	317	6.96	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-18	Instrumnet Name :	P8
Client Sample ID :	FB-03232021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:05:46	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	475	317	358	383	21.41	cps
Uranium	238-1	17	17	8	14	34.67	cps
Vanadium	51-2	10	7	17	11	45.82	cps
Yttrium	89-1	14804887	14081758	13803864	14230170	3.63	cps
Yttrium	89-2	1546081	1515149	1491983	1517738	1.79	cps
Zinc	66-2	207	207	183	199	6.77	cps
Zirconium	90-1	483	542	517	514	5.70	cps
Zirconium	91-1	75	100	133	103	28.48	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : M1770-03A Instrumnet Name : P8
 Client Sample ID : MW-106SA Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 15:08:37 DataFile Name : 063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	238437	239572	239017	239009	0.24	cps
Antimony	121-1	1504192	1563034	1550871	1539365	2.02	cps
Arsenic	75-2	52192	52487	52020	52233	0.45	cps
Barium	135-1	1845762	1872278	1908764	1875601	1.69	cps
Barium	137-1	3188527	3270726	3342182	3267145	2.35	cps
Beryllium	9-1	438303	447854	448080	444746	1.25	cps
Bismuth	209-1	3398377	3190355	3393135	3327289	3.56	cps
Bismuth	209-2	2170402	2234935	2191349	2198895	1.50	cps
Boron	11-1	293616	329353	351982	324984	9.06	cps
Boron	10-1	59516	67058	72058	66211	9.54	cps
Bromine	81-1	335761	418404	500388	418184	19.68	cps
Cadmium	106-1	40326	40343	40594	40421	0.37	cps
Cadmium	108-1	24618	25152	25353	25041	1.52	cps
Cadmium	111-1	314914	324648	330121	323228	2.38	cps
Calcium	43-1	2050255	2119426	2098986	2089556	1.70	cps
Calcium	44-1	33107050	34823588	34027689	33986109	2.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	468006	467549	464134	466563	0.45	cps
Cobalt	59-2	799620	801605	795776	799000	0.37	cps
Copper	63-2	1237555	1224507	1231019	1231027	0.53	cps
Dysprosium	156-1	150	133	158	147	8.65	cps
Dysprosium	156-2	50	70	50	57	20.38	cps
Erbium	164-1	92	92	125	103	18.72	cps
Erbium	164-2	37	33	23	31	22.31	cps
Gadolinium	160-2	50	73	83	69	24.83	cps
Gadolinium	160-1	208	142	200	183	19.81	cps
Holmium	165-1	6452594	5958905	6322183	6244561	4.10	cps
Holmium	165-2	3240399	3249096	3303191	3264228	1.04	cps
Indium	115-1	5938113	5649832	5874470	5820805	2.60	cps
Indium	115-2	979614	980373	987796	982594	0.46	cps
Iron	56-2	18998150	19103066	18984480	19028565	0.34	cps
Iron	57-2	477827	470813	472718	473786	0.77	cps
Iron	54-2	1061213	1058855	1045181	1055083	0.82	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03A	Instrumnet Name :	P8
Client Sample ID :	MW-106SA	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:08:37	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4317	4601	4571	4496	3.46	cps
Lead	206-1	814924	838870	835347	829714	1.56	cps
Lead	207-1	726694	754161	762068	747641	2.48	cps
Lead	208-1	3329820	3392077	3476194	3399364	2.16	cps
Lithium	6-1	2891738	2803548	2903261	2866183	1.90	cps
Magnesium	24-2	6631592	6571100	6695398	6632697	0.94	cps
Manganese	55-2	597940	595674	597210	596941	0.19	cps
Molybdenum	94-1	3541071	3615488	3552674	3569744	1.12	cps
Molybdenum	95-1	4389171	4446419	4520325	4451972	1.48	cps
Molybdenum	96-1	4757799	4893851	4923866	4858505	1.82	cps
Molybdenum	97-1	2714728	2748483	2794242	2752484	1.45	cps
Molybdenum	98-1	6816698	7059225	7199314	7025079	2.76	cps
Neodymium	150-2	13	17	13	14	13.35	cps
Neodymium	150-1	100	133	127	120	14.70	cps
Nickel	60-2	216095	216167	215842	216035	0.08	cps
Phosphorus	31-2	500	467	608	525	14.11	cps
Potassium	39-2	2993046	2939202	2962412	2964887	0.91	cps
Rhodium	103-1	5806118	5467562	5665708	5646462	3.01	cps
Rhodium	103-2	2731194	2711965	2744363	2729174	0.60	cps
Scandium	45-1	4220165	4079890	4152335	4150796	1.69	cps
Scandium	45-2	157973	157750	159390	158371	0.56	cps
Selenium	77-2	667	843	770	760	11.68	cps
Selenium	78-2	2605	2487	2644	2579	3.15	cps
Selenium	82-1	25176	25366	25749	25430	1.15	cps
Silicon	28-1	26257112	26416307	26596960	26423460	0.64	cps
Silver	109-1	1791049	1250729	891606	1311128	34.53	cps
Silver	107-1	1138185	1330130	1016905	1161740	13.59	cps
Sodium	23-2	54263257	53846087	54640837	54250060	0.73	cps
Strontium	86-1	2015079	2084759	2056001	2051946	1.71	cps
Strontium	88-1	16870471	17517020	17572366	17319952	2.25	cps
Sulfur	34-1	908392	912895	925603	915630	0.97	cps
Terbium	159-1	6631033	6336615	6489583	6485744	2.27	cps
Terbium	159-2	3283721	3284515	3290163	3286133	0.11	cps
Thallium	205-1	2365613	2439502	2426791	2410635	1.64	cps
Thallium	203-1	978095	999999	1033398	1003831	2.77	cps
Tin	118-1	1217092	1261337	1244644	1241025	1.80	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	M1770-03A	Instrumnet Name :	P8
Client Sample ID :	MW-106SA	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:08:37	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1253368	1330632	1336768	1306923	3.56	cps
Uranium	238-1	2977827	3062545	3120728	3053700	2.35	cps
Vanadium	51-2	390369	394297	389141	391269	0.69	cps
Yttrium	89-1	14254850	13647096	14047069	13983005	2.21	cps
Yttrium	89-2	1589370	1581233	1584257	1584953	0.26	cps
Zinc	66-2	149051	147080	149553	148561	0.88	cps
Zirconium	90-1	2823459	2938725	2914391	2892192	2.10	cps
Zirconium	91-1	630403	644558	651130	642030	1.65	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:12:48	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1125216	1128021	1138336	1130524	0.61	cps
Antimony	121-1	1503906	1555058	1556592	1538519	1.95	cps
Arsenic	75-2	51062	50855	51138	51018	0.29	cps
Barium	135-1	1726934	1743673	1777131	1749246	1.46	cps
Barium	137-1	2932762	3067564	3103069	3034465	2.96	cps
Beryllium	9-1	449693	461359	468512	459855	2.07	cps
Bismuth	209-1	3247671	3430343	3386578	3354864	2.84	cps
Bismuth	209-2	2107202	2110789	2121854	2113281	0.36	cps
Boron	11-1	170197	186668	197078	184648	7.34	cps
Boron	10-1	34758	38392	40762	37971	7.96	cps
Bromine	81-1	58602	55074	54049	55908	4.27	cps
Cadmium	106-1	42190	42759	44238	43062	2.46	cps
Cadmium	108-1	26534	27891	27594	27340	2.61	cps
Cadmium	111-1	344596	354277	364210	354361	2.77	cps
Calcium	43-1	2375883	2277853	2360305	2338014	2.25	cps
Calcium	44-1	38157948	37487145	38543211	38062768	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479957	473615	480304	477959	0.79	cps
Cobalt	59-2	810579	812708	815201	812829	0.28	cps
Copper	63-2	5981676	5940342	6067278	5996432	1.08	cps
Dysprosium	156-1	358	367	383	369	3.45	cps
Dysprosium	156-2	240	180	223	214	14.44	cps
Erbium	164-1	33	100	58	64	52.72	cps
Erbium	164-2	57	47	27	43	35.25	cps
Gadolinium	160-2	200	277	283	253	18.28	cps
Gadolinium	160-1	467	475	583	508	12.80	cps
Holmium	165-1	6132541	6415160	6310935	6286212	2.27	cps
Holmium	165-2	3127617	3139388	3198919	3155308	1.21	cps
Indium	115-1	5893279	5966173	6105133	5988195	1.80	cps
Indium	115-2	945713	955051	976117	958960	1.62	cps
Iron	56-2	93382099	93841594	93260508	93494734	0.33	cps
Iron	57-2	2363061	2361513	2359488	2361354	0.08	cps
Iron	54-2	5172966	5137736	5163473	5158058	0.35	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:12:48	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4791	4507	4551	4616	3.31	cps
Lead	206-1	4160505	4272814	4338533	4257284	2.11	cps
Lead	207-1	3726260	3777758	3854803	3786274	1.71	cps
Lead	208-1	16660020	17012484	17359933	17010812	2.06	cps
Lithium	6-1	2885666	2938158	2987213	2937012	1.73	cps
Magnesium	24-2	17574355	17382015	17413745	17456705	0.59	cps
Manganese	55-2	2419988	2399313	2407160	2408820	0.43	cps
Molybdenum	94-1	3518609	3535172	3549773	3534518	0.44	cps
Molybdenum	95-1	4336860	4451634	4529823	4439439	2.19	cps
Molybdenum	96-1	4720869	4824350	4865916	4803712	1.55	cps
Molybdenum	97-1	2666879	2694920	2794209	2718669	2.46	cps
Molybdenum	98-1	6759360	7004331	7179447	6981046	3.02	cps
Neodymium	150-2	3	17	13	11	62.48	cps
Neodymium	150-1	113	67	80	87	27.74	cps
Nickel	60-2	221245	220443	220415	220701	0.21	cps
Phosphorus	31-2	13999	13748	14633	14127	3.23	cps
Potassium	39-2	6913870	6912313	6960593	6928926	0.40	cps
Rhodium	103-1	5572131	5778230	5668139	5672833	1.82	cps
Rhodium	103-2	2613776	2655024	2674449	2647750	1.17	cps
Scandium	45-1	4259318	4163984	4241355	4221552	1.20	cps
Scandium	45-2	153272	153206	158644	155040	2.01	cps
Selenium	77-2	877	777	713	789	10.44	cps
Selenium	78-2	2555	2670	2641	2622	2.26	cps
Selenium	82-1	24598	24988	25510	25032	1.83	cps
Silicon	28-1	2440560	2571650	2684763	2565658	4.76	cps
Silver	109-1	1717203	1764204	1775996	1752468	1.77	cps
Silver	107-1	1810350	1838866	1854524	1834580	1.22	cps
Sodium	23-2	33984971	33388020	33237704	33536898	1.18	cps
Strontium	86-1	564429	573508	581375	573104	1.48	cps
Strontium	88-1	4760579	4848303	4883473	4830785	1.31	cps
Sulfur	34-1	630159	636746	636501	634469	0.59	cps
Terbium	159-1	6456008	6683034	6682034	6607026	1.98	cps
Terbium	159-2	3171157	3236576	3219188	3208974	1.06	cps
Thallium	205-1	2356411	2408472	2500000	2421628	3.00	cps
Thallium	203-1	986371	1002176	1042578	1010375	2.87	cps
Tin	118-1	1178124	1197545	1211373	1195681	1.40	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:12:48	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1272947	1276004	1305770	1284907	1.41	cps
Uranium	238-1	3121949	3140841	3286538	3183109	2.83	cps
Vanadium	51-2	392418	391901	391662	391994	0.10	cps
Yttrium	89-1	13724066	14191611	14075352	13997010	1.74	cps
Yttrium	89-2	1546326	1557625	1579130	1561027	1.07	cps
Zinc	66-2	717592	716480	717211	717094	0.08	cps
Zirconium	90-1	2870554	2944536	3012531	2942540	2.41	cps
Zirconium	91-1	639318	646407	654114	646613	1.14	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : CCB20 Instrumnet Name : P8
 Client Sample ID : CCB20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 15:19:40 DataFile Name : 065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306	364	337	336	8.57	cps
Antimony	121-1	267	250	208	242	12.43	cps
Arsenic	75-2	7	11	11	10	23.89	cps
Barium	135-1	25	17	42	28	45.82	cps
Barium	137-1	67	50	33	50	33.34	cps
Beryllium	9-1	98	104	108	103	4.87	cps
Bismuth	209-1	3438195	3412845	3340641	3397227	1.49	cps
Bismuth	209-2	2157644	2112644	2136901	2135729	1.05	cps
Boron	11-1	12899	12727	12257	12628	2.63	cps
Boron	10-1	2760	2678	2624	2687	2.55	cps
Bromine	81-1	15575	14102	14031	14569	5.98	cps
Cadmium	106-1	2967	3134	3100	3067	2.88	cps
Cadmium	108-1	21	21	13	18	26.64	cps
Cadmium	111-1	299	336	318	318	5.90	cps
Calcium	43-1	282	299	269	283	5.30	cps
Calcium	44-1	11965	12006	12085	12019	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	653	640	653	649	1.19	cps
Cobalt	59-2	47	33	47	42	18.24	cps
Copper	63-2	617	537	540	564	8.02	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	7	20	7	11	69.25	cps
Gadolinium	160-2	7	7	23	12	78.69	cps
Gadolinium	160-1	67	50	33	50	33.34	cps
Holmium	165-1	6238740	6094461	6011626	6114942	1.88	cps
Holmium	165-2	3111985	2950825	3041433	3034748	2.66	cps
Indium	115-1	6093113	5984707	5812587	5963469	2.37	cps
Indium	115-2	941239	939457	941742	940812	0.13	cps
Iron	56-2	3117	2678	3112	2969	8.48	cps
Iron	57-2	117	89	83	96	18.54	cps
Iron	54-2	528	528	506	520	2.47	cps

LB Number : LB113677 Operator : Jaswal
 Lab Sample ID : CCB20 Instrumnet Name : P8
 Client Sample ID : CCB20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-25 15:19:40 DataFile Name : 065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4864	4721	4864	4816	1.72	cps
Lead	206-1	533	650	606	596	9.87	cps
Lead	207-1	567	583	533	561	4.54	cps
Lead	208-1	2400	2478	2456	2445	1.64	cps
Lithium	6-1	2884590	2796031	2856546	2845723	1.59	cps
Magnesium	24-2	608	658	517	594	12.09	cps
Manganese	55-2	63	57	70	63	10.52	cps
Molybdenum	94-1	267	333	242	281	16.89	cps
Molybdenum	95-1	317	200	192	236	29.60	cps
Molybdenum	96-1	383	183	225	264	39.99	cps
Molybdenum	97-1	200	100	100	133	43.30	cps
Molybdenum	98-1	517	233	292	347	43.09	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Nickel	60-2	40	40	43	41	4.68	cps
Phosphorus	31-2	333	375	175	294	35.84	cps
Potassium	39-2	26692	26258	26350	26433	0.87	cps
Rhodium	103-1	5659926	5702851	5707313	5690030	0.46	cps
Rhodium	103-2	2760411	2662648	2683175	2702078	1.91	cps
Scandium	45-1	4253161	4014196	4109516	4125624	2.92	cps
Scandium	45-2	149354	147229	149912	148832	0.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	51	49	46	49	5.18	cps
Selenium	82-1	-167	37	-310	-147	-118.74	cps
Silicon	28-1	1138550	1125010	1104145	1122568	1.54	cps
Silver	109-1	267	150	150	189	35.66	cps
Silver	107-1	233	308	217	253	19.32	cps
Sodium	23-2	52804	53172	52972	52983	0.35	cps
Strontium	86-1	7978	7335	7794	7702	4.29	cps
Strontium	88-1	133	108	117	119	10.66	cps
Sulfur	34-1	470047	469621	469214	469627	0.09	cps
Terbium	159-1	6441878	6374264	6517751	6444631	1.11	cps
Terbium	159-2	3070776	3018057	3061288	3050040	0.92	cps
Thallium	205-1	275	292	258	275	6.06	cps
Thallium	203-1	92	142	100	111	24.11	cps
Tin	118-1	333	275	250	286	14.95	cps

LB Number :	LB113677	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-25 15:19:40	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	217	225	239	13.21	cps
Uranium	238-1	33	50	0	28	91.65	cps
Vanadium	51-2	17	13	7	12	41.65	cps
Yttrium	89-1	13963241	13729736	13612875	13768617	1.30	cps
Yttrium	89-2	1519995	1497560	1479125	1498893	1.37	cps
Zinc	66-2	90	110	73	91	20.15	cps
Zirconium	90-1	475	442	550	489	11.35	cps
Zirconium	91-1	150	75	133	119	32.97	cps