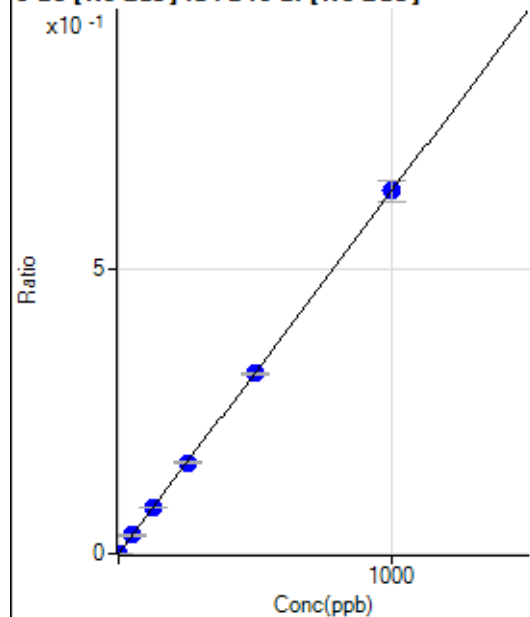


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8012422 MS.b\
Analysis File: P8012422 MS.batch.bin
DA Date-Time: 2022-01-25 13:28:22
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2022-01-24 14:28:24
2	003CALS.d	S02	2022-01-24 14:31:28
3	004CALS.d	S03	2022-01-24 14:34:34
4	005CALS.d	S04	2022-01-24 14:37:37
5	006CALS.d	S05	2022-01-24 14:40:43
6	007CALS.d	S06	2022-01-24 14:43:47
7	008CALS.d	S07	2022-01-24 14:46:52
8	009CALS.d	S08	2022-01-24 14:49:56

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.65	0.0001	P	12.2
2	☐	1.000	1.081	1010.51	0.0007	P	2.2
3	☐	50.000	50.958	47182.33	0.0325	P	5.2
4	☐	125.000	128.409	119885.91	0.0818	P	1.5
5	☐	250.000	250.188	234171.90	0.1592	P	1.6
6	☐	500.000	496.336	467633.86	0.3158	P	1.2
7	☐	1000.000	1001.311	934681.32	0.6371	P	5.6
8	☐			825.87	0.0006	P	25.6

$$y = 6.3623\text{E-}004 * x + 5.4553\text{E-}005$$

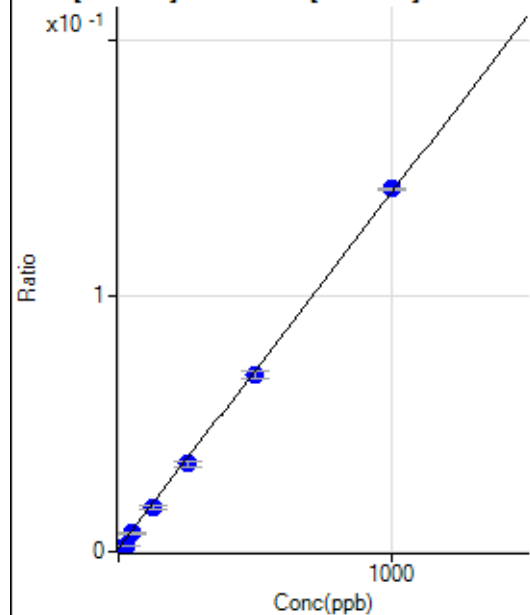
$$R = 1.0000$$

$$DL = 0.03133$$

$$BEC = 0.08574$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1967.08	0.0014	P	4.7
2	☐	25.000	7.699	3373.73	0.0025	P	4.8
3	☐	50.000	43.019	10721.82	0.0074	P	10.6
4	☐	125.000	114.260	25383.60	0.0173	P	7.6
5	☐	250.000	236.140	50365.40	0.0343	P	7.0
6	☐	500.000	489.429	102930.75	0.0695	P	4.4
7	☐	1000.000	1010.874	208739.83	0.1420	P	0.2
8	☐			31854.82	0.0224	P	7.1

$$y = 1.3913\text{E-}004 * x + 0.0014$$

$$R = 0.9998$$

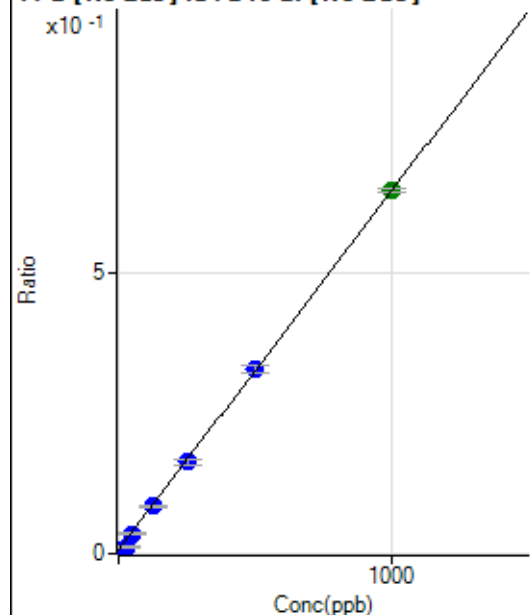
$$DL = 1.441$$

$$BEC = 10.11$$

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	9236.41	0.0066	P	5.3
2	☐	25.000	8.215	16147.02	0.0119	P	3.8
3	☐	50.000	44.502	50801.57	0.0350	P	11.1
4	☐	125.000	120.949	122979.16	0.0838	P	6.7
5	☐	250.000	244.288	239018.08	0.1626	P	7.9
6	☐	500.000	504.371	486761.40	0.3287	P	4.6
7	☐	1000.000	1000.443	948474.51	0.6454	A	0.9
8	☐			148799.12	0.1049	P	6.5

$$y = 6.3849E-004 * x + 0.0066$$

$$R = 0.9999$$

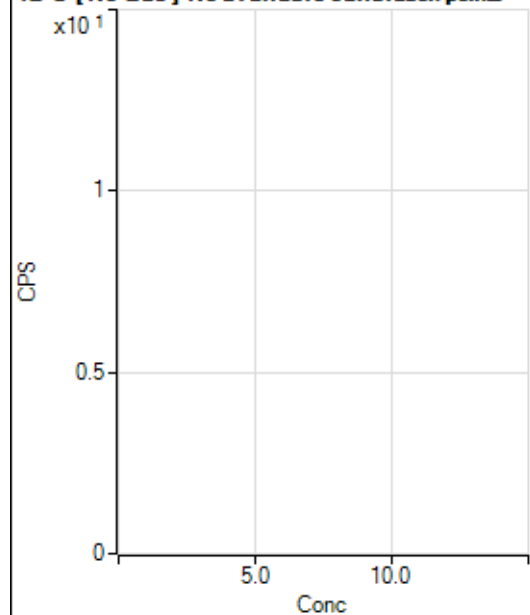
$$DL = 1.637$$

$$BEC = 10.36$$

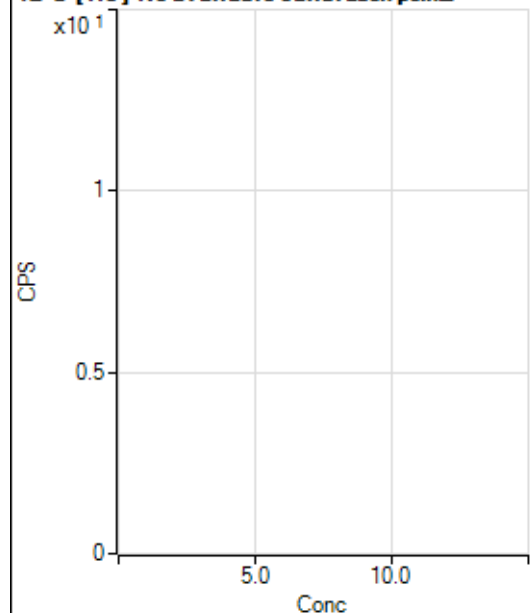
Weight: <None>

Min Conc: 0

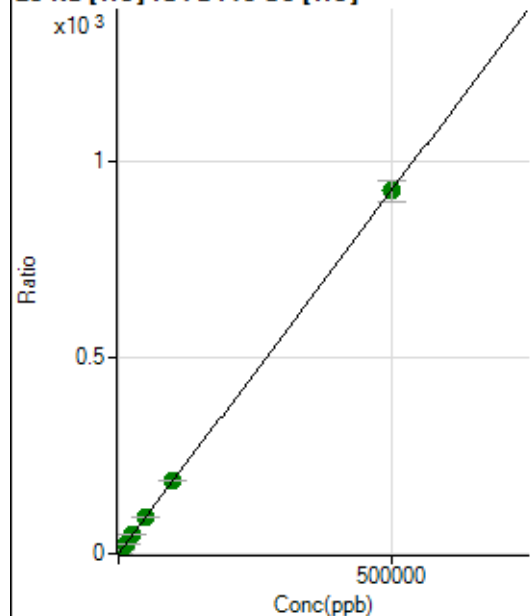
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4270615.63		A	0.0
2	☐			4613741.16		A	1.5
3	☐			4406053.96		A	1.4
4	☐			4462343.20		A	0.2
5	☐			4550188.04		A	1.5
6	☐			4858873.02		A	1.6
7	☐			5625249.52		A	2.8
8	☐			5351899.86		A	2.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46649.65		P	1.4
2	☐			50740.85		P	0.1
3	☐			46922.65		P	1.0
4	☐			49258.14		P	0.9
5	☐			49548.03		P	0.6
6	☐			54113.88		P	0.9
7	☐			64907.55		P	0.3
8	☐			62589.12		P	2.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15161.04	0.1360	P	2.1
2	☐	500.000	475.483	113095.03	1.0147	P	0.8
3	☐	5000.000	5240.772	1110906.16	9.8213	A	2.0
4	☐	12500.000	13143.624	2740507.03	24.4263	A	1.5
5	☐	25000.000	25768.242	5272501.29	47.7574	A	0.9
6	☐	50000.000	50832.488	10503341.29	94.0777	A	1.1
7	☐	100000.00	100933.12	20921176.34	186.6670	A	0.6
8	☐	500000.00	499673.24	98275301.50	923.5646	A	5.6

$$y = 0.0018 * x + 0.1360$$

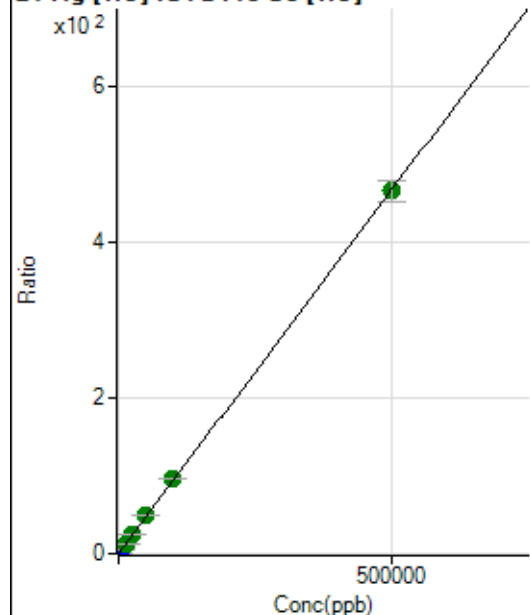
$$R = 1.0000$$

$$DL = 4.736$$

$$BEC = 73.58$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	455.58	0.0041	P	4.7
2	☐	500.000	500.992	52542.54	0.4714	P	0.2
3	☐	5000.000	5227.888	552069.27	4.8806	P	1.2
4	☐	12500.000	13593.412	1423105.91	12.6840	A	0.8
5	☐	25000.000	26786.517	2759070.57	24.9905	A	0.8
6	☐	50000.000	53041.332	5524228.55	49.4809	A	1.2
7	☐	100000.00	103207.73	10790477.06	96.2759	A	0.9
8	☐	500000.00	498935.38	49514541.39	465.4093	A	6.1

$$y = 9.3280\text{E-}004 * x + 0.0041$$

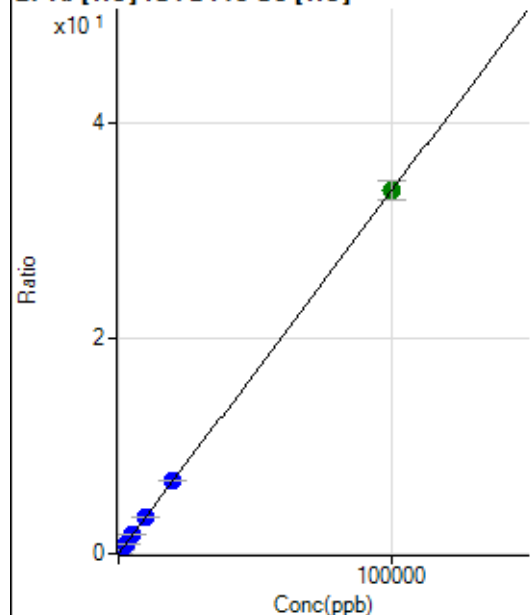
R = 1.0000

DL = 0.6134

BEC = 4.382

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	96.66	0.0009	P	13.7
2	☐	20.000	18.775	802.43	0.0072	P	3.2
3	☐	1000.000	1031.247	39432.27	0.3486	P	0.6
4	☐	2500.000	2572.503	97418.92	0.8683	P	0.8
5	☐	5000.000	5108.642	190280.18	1.7235	P	0.5
6	☐	10000.000	10043.214	378205.33	3.3874	P	0.6
7	☐	20000.000	19934.233	753413.06	6.7226	P	0.6
8	☐	100000.00	100001.27	3588206.25	33.7210	A	5.3

$$y = 3.3720\text{E-}004 * x + 8.6833\text{E-}004$$

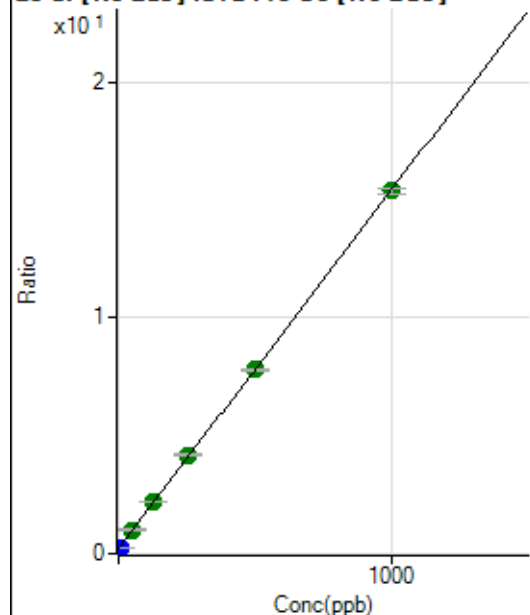
R = 1.0000

DL = 1.055

BEC = 2.575

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	621030.69	0.2179	P	3.2
2	☐	10.000	0.911	655175.76	0.2318	P	0.9
3	☐	50.000	51.649	3004037.20	1.0035	A	5.7
4	☐	125.000	132.737	6498094.38	2.2369	A	0.3
5	☐	250.000	260.221	12134642.63	4.1760	A	2.7
6	☐	500.000	498.696	23689354.70	7.8033	A	1.1
7	☐	1000.000	997.138	45506782.62	15.3848	A	1.5
8	☐			1941356.31	0.6857	A	4.9

$$y = 0.0152 * x + 0.2179$$

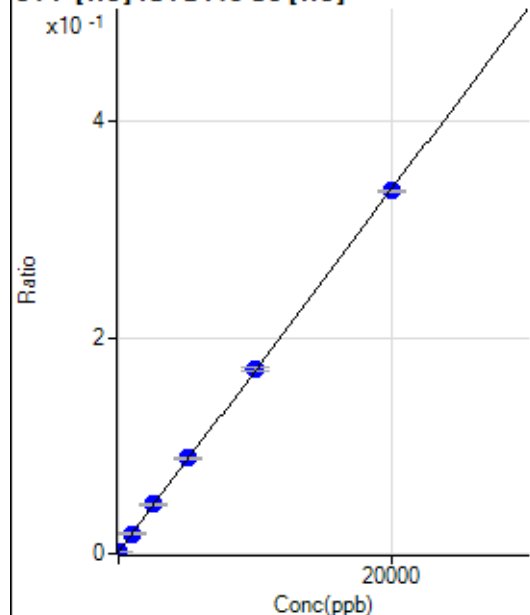
$$R = 0.9998$$

$$DL = 1.373$$

$$BEC = 14.33$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-18.596	180.56	0.0016	P	30.7
2	☐	0.000	18.596	250.01	0.0022	P	15.6
3	☐	1000.000	998.119	2111.33	0.0187	P	7.5
4	☐	2500.000	2606.861	5120.49	0.0456	P	1.5
5	☐	5000.000	5152.536	9750.78	0.0883	P	2.2
6	☐	10000.000	10062.293	19049.11	0.1706	P	2.7
7	☐	20000.000	19917.456	37646.56	0.3359	P	0.4
8	☐			155.56	0.0015	P	13.8

$$y = 1.6767E-005 * x + 0.0019$$

$$R = 0.9999$$

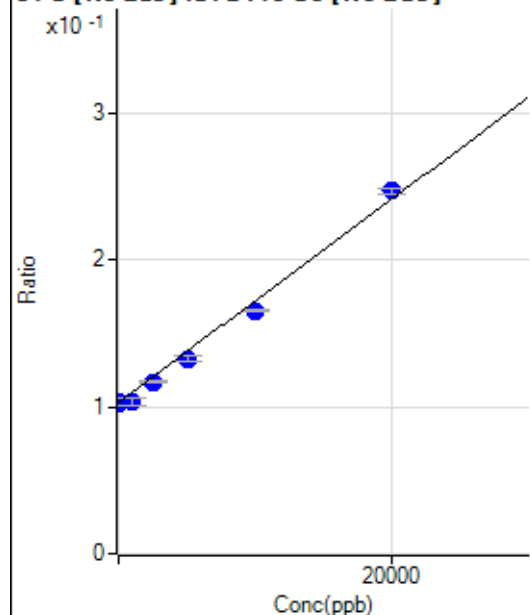
$$DL = 75.78$$

$$BEC = 115.2$$

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	-48.208	293155.47	0.1029	P	2.9
2	☐	0.000	48.208	292668.13	0.1035	P	0.9
3	☐	1000.000	87.228	310858.29	0.1038	P	4.5
4	☐	2500.000	2021.289	340467.93	0.1172	P	0.8
5	☐	5000.000	4269.847	385820.35	0.1328	P	3.1
6	☐	10000.000	8970.231	502078.13	0.1654	P	0.8
7	☐	20000.000	20802.900	731871.89	0.2474	P	1.5
8	☐			269182.71	0.0950	P	1.1

$$y = 6.9332E-006 * x + 0.1032$$

$$R = 0.9971$$

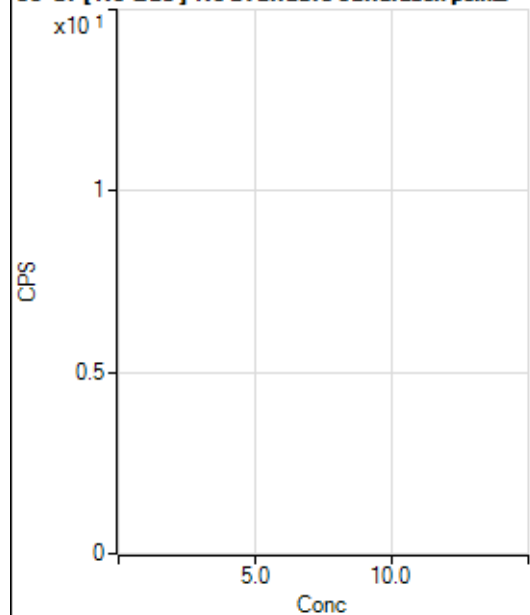
$$DL = 845.5$$

$$BEC = 1.488E+04$$

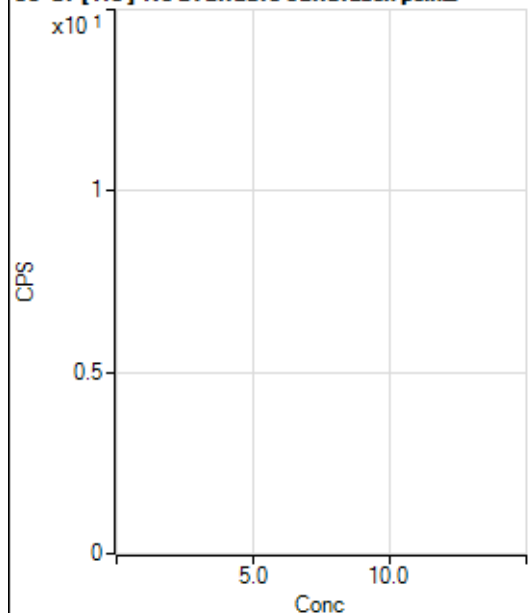
Weight: <None>

Min Conc: 0

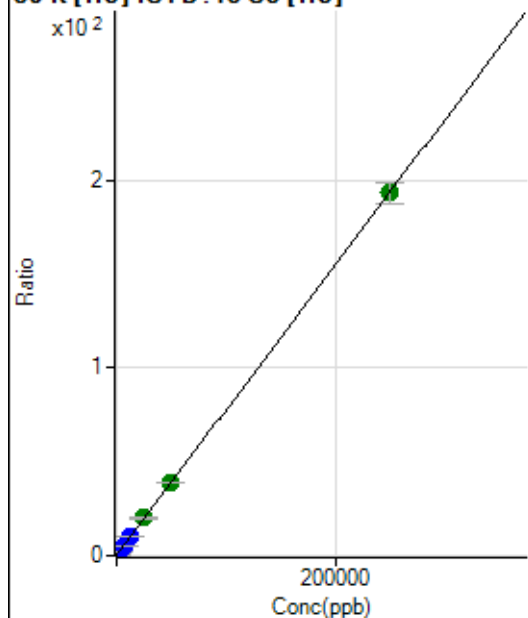
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			467154.15		P	0.9
2	☐			421912.69		P	0.7
3	☐			377740.67		P	1.2
4	☐			336594.19		P	0.4
5	☐			307095.59		P	0.7
6	☐			287723.32		P	1.1
7	☐			268237.06		P	1.5
8	☐			259569.05		P	0.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3808.94		P	10.8
2	☐			3350.50		P	5.0
3	☐			3289.36		P	3.9
4	☐			2733.67		P	9.3
5	☐			2447.50		P	4.1
6	☐			2180.78		P	7.5
7	☐			2016.87		P	8.1
8	☐			2116.87		P	4.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20209.09	0.1813	P	2.5
2	☐	500.000	477.564	61313.90	0.5501	P	0.4
3	☐	2500.000	2555.038	243680.61	2.1543	P	1.6
4	☐	6250.000	6423.678	576850.28	5.1416	P	0.3
5	☐	12500.000	12605.752	1094683.89	9.9153	P	0.4
6	☐	25000.000	25671.121	2233426.40	20.0041	A	0.8
7	☐	50000.000	50022.379	4348744.93	38.8077	A	1.5
8	☐	250000.00	249918.27	20553260.53	193.1637	A	6.0

$$y = 7.7218\text{E-}004 * x + 0.1813$$

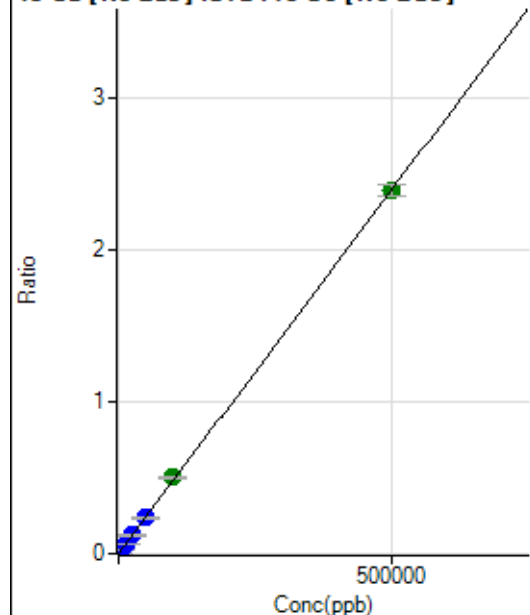
$$R = 1.0000$$

$$DL = 17.68$$

$$BEC = 234.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	235.39	0.0001	P	3.1
2	☐	500.000	469.994	6598.62	0.0023	P	0.6
3	☐	5000.000	4921.195	70815.62	0.0237	P	5.8
4	☐	12500.000	12999.352	181137.72	0.0624	P	0.2
5	☐	25000.000	25352.926	353057.57	0.1215	P	3.6
6	☐	50000.000	48941.815	711992.22	0.2345	P	1.1
7	☐	100000.00	105131.39	1489885.59	0.5037	A	1.9
8	☐	500000.00	499050.22	6769674.69	2.3907	A	3.2

$$y = 4.7903\text{E-}006 * x + 8.2587\text{E-}005$$

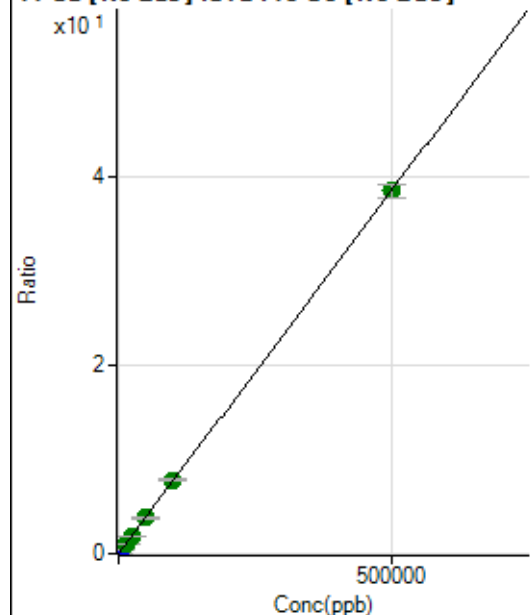
$$R = 0.9999$$

$$DL = 1.627$$

$$BEC = 17.24$$

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	16866.93	0.0059	P	3.7
2	☐	500.000	470.745	119327.94	0.0422	P	0.3
3	☐	5000.000	4817.474	1129432.53	0.3773	P	5.8
4	☐	12500.000	13148.341	2961552.05	1.0195	A	1.5
5	☐	25000.000	25043.305	5629386.33	1.9365	A	0.4
6	☐	50000.000	49013.103	11488621.13	3.7843	A	1.0
7	☐	100000.00	101365.06	23129918.59	7.8201	A	3.0
8	☐	500000.00	499809.15	109127702.5	38.5360	A	3.4

$$y = 7.7090\text{E-}005 * x + 0.0059$$

$$R = 1.0000$$

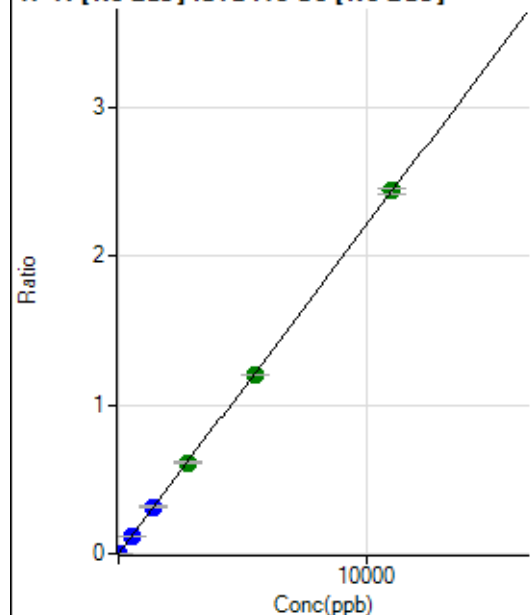
$$DL = 8.627$$

$$BEC = 76.78$$

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	155.56	0.0001	P	26.7
2	☐	5.000	5.242	3428.28	0.0012	P	5.1
3	☐	550.000	540.238	357616.41	0.1194	P	4.8
4	☐	1375.000	1431.411	918921.61	0.3163	P	0.9
5	☐	2750.000	2773.554	1781112.30	0.6129	A	2.0
6	☐	5500.000	5422.470	3637645.48	1.1982	A	0.4
7	☐	11000.000	11026.313	7206736.62	2.4364	A	1.3
8	☐			2614.29	0.0009	P	28.8

$$y = 2.2096E-004 * x + 5.4803E-005$$

$$R = 0.9999$$

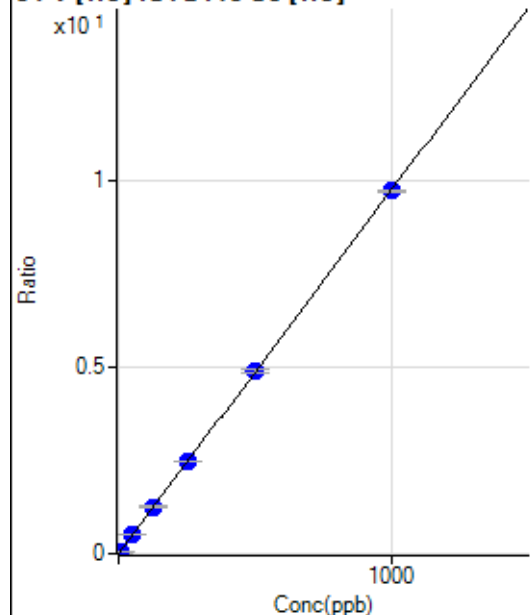
$$DL = 0.1989$$

$$BEC = 0.248$$

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	6.67	0.0001	P	48.7
2	☐	5.000	4.812	5237.68	0.0470	P	3.1
3	☐	50.000	50.648	55889.65	0.4941	P	1.1
4	☐	125.000	129.470	141696.63	1.2630	P	0.5
5	☐	250.000	254.234	273788.93	2.4799	P	0.2
6	☐	500.000	501.679	546312.49	4.8936	P	1.6
7	☐	1000.000	997.512	1090449.85	9.7301	P	0.7
8	☐			371.12	0.0035	P	10.4

$$y = 0.0098 * x + 5.9489E-005$$

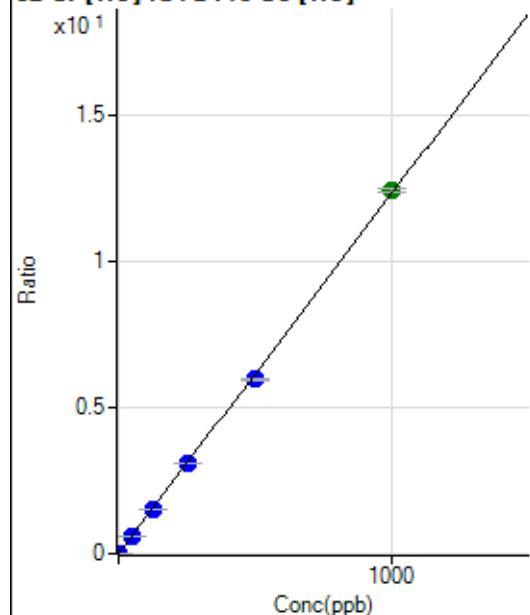
$$R = 1.0000$$

$$DL = 0.008908$$

$$BEC = 0.006099$$

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	588.91	0.0053	P	7.1
2	☐	2.000	1.795	3050.36	0.0274	P	2.2
3	☐	50.000	49.470	69456.48	0.6140	P	1.1
4	☐	125.000	124.515	172496.75	1.5375	P	0.5
5	☐	250.000	248.734	338502.79	3.0661	P	0.2
6	☐	500.000	484.020	665548.06	5.9614	P	1.2
7	☐	1000.000	1008.394	1391257.90	12.4140	A	1.0
8	☐			3364.87	0.0316	P	4.8

$$y = 0.0123 * x + 0.0053$$

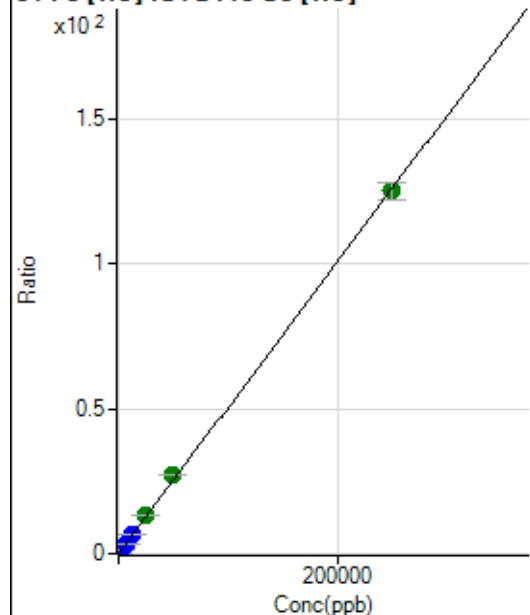
$$R = 0.9998$$

$$DL = 0.09134$$

$$BEC = 0.4292$$

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	566.69	0.0051	P	3.5
2	☐	50.000	50.623	3406.02	0.0306	P	4.3
3	☐	2500.000	2642.051	150975.37	1.3347	P	2.5
4	☐	6250.000	6715.792	379767.23	3.3849	P	0.5
5	☐	12500.000	13164.429	732001.62	6.6303	P	0.3
6	☐	25000.000	27019.087	1518851.84	13.6029	A	0.1
7	☐	50000.000	54074.113	3050464.94	27.2189	A	0.5
8	☐	250000.00	248936.98	13334238.95	125.2873	A	4.7

$$y = 5.0327E-004 * x + 0.0051$$

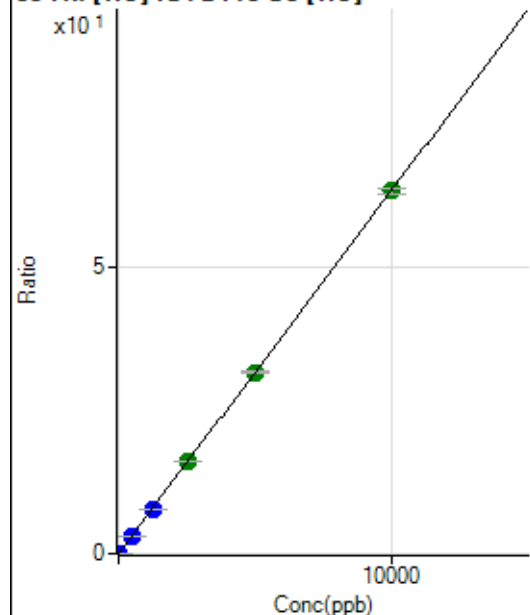
$$R = 0.9998$$

$$DL = 1.066$$

$$BEC = 10.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0005	P	6.6
2	☐	1.000	1.211	914.48	0.0082	P	7.8
3	☐	500.000	494.305	353561.96	3.1257	P	1.5
4	☐	1250.000	1238.648	878672.17	7.8317	P	0.1
5	☐	2500.000	2553.124	1782171.64	16.1424	A	0.5
6	☐	5000.000	4992.231	3523860.54	31.5633	A	1.1
7	☐	10000.000	9992.307	7080055.80	63.1757	A	1.4
8	☐			4446.30	0.0417	P	1.8

$$y = 0.0063 * x + 5.4834E-004$$

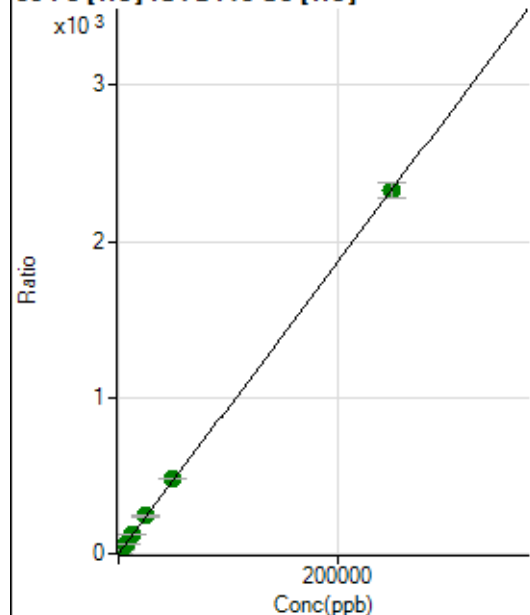
$$R = 1.0000$$

$$DL = 0.01727$$

$$BEC = 0.08673$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3155.96	0.0283	P	6.8
2	☐	50.000	50.701	55783.14	0.5005	P	2.2
3	☐	2500.000	2668.928	2814780.36	24.8840	A	1.1
4	☐	6250.000	6636.419	6937312.71	61.8331	A	0.3
5	☐	12500.000	13288.819	13665854.24	123.7866	A	1.1
6	☐	25000.000	25880.320	26909359.17	241.0508	A	2.1
7	☐	50000.000	51537.409	53788989.17	479.9943	A	1.2
8	☐	250000.00	249553.69	247387314.7	2,324.112	A	4.3

$$y = 0.0093 * x + 0.0283$$

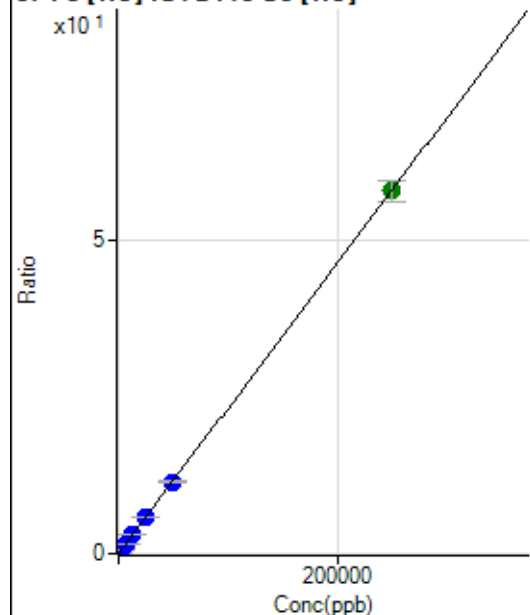
$$R = 1.0000$$

$$DL = 0.6223$$

$$BEC = 3.042$$

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	212.97	0.0019	P	14.1
2	☐	50.000	53.592	1594.56	0.0143	P	2.2
3	☐	2500.000	2571.707	67518.51	0.5969	P	0.8
4	☐	6250.000	6460.170	167898.80	1.4965	P	0.7
5	☐	12500.000	12798.343	327113.85	2.9629	P	0.9
6	☐	25000.000	25023.431	646548.08	5.7913	P	1.3
7	☐	50000.000	49687.937	1288594.17	11.4976	P	0.4
8	☐	250000.00	250039.18	6154787.98	57.8502	A	6.0

$$y = 2.3136E-004 * x + 0.0019$$

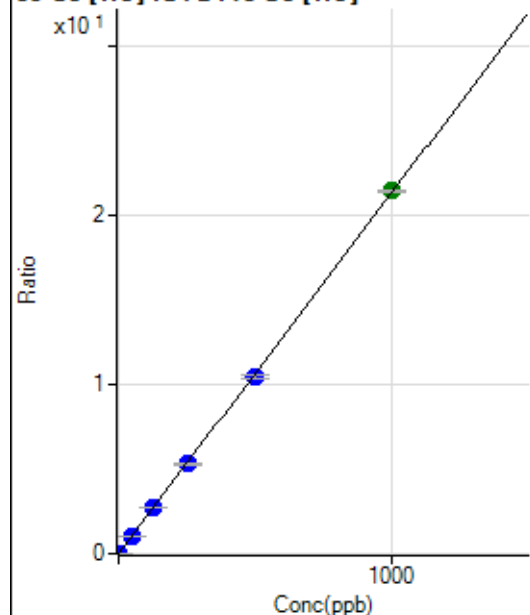
R = 1.0000

DL = 3.499

BEC = 8.245

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	58.89	0.0005	P	13.3
2	☐	1.000	0.986	2399.12	0.0215	P	7.4
3	☐	50.000	49.987	120419.02	1.0646	P	1.6
4	☐	125.000	126.400	301936.93	2.6912	P	0.3
5	☐	250.000	247.883	582622.65	5.2772	P	0.5
6	☐	500.000	489.119	1162411.93	10.4123	P	1.7
7	☐	1000.000	1005.795	2399578.61	21.4107	A	0.4
8	☐			5351.07	0.0503	P	2.2

$$y = 0.0213 * x + 5.2842E-004$$

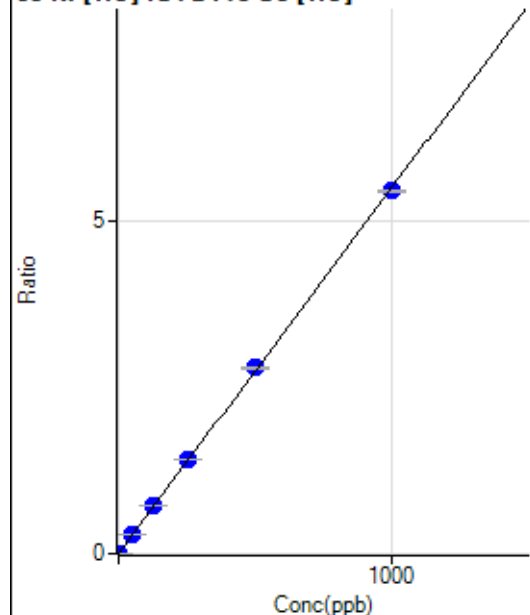
R = 0.9999

DL = 0.009909

BEC = 0.02482

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	157.78	0.0014	P	12.0
2	☐	1.000	1.075	815.59	0.0073	P	1.4
3	☐	50.000	52.049	32470.39	0.2871	P	1.1
4	☐	125.000	132.220	81566.71	0.7270	P	0.6
5	☐	250.000	258.371	156696.09	1.4193	P	0.1
6	☐	500.000	508.760	311864.72	2.7934	P	1.4
7	☐	1000.000	992.522	610613.22	5.4483	P	0.2
8	☐			1731.24	0.0163	P	10.7

$$y = 0.0055 * x + 0.0014$$

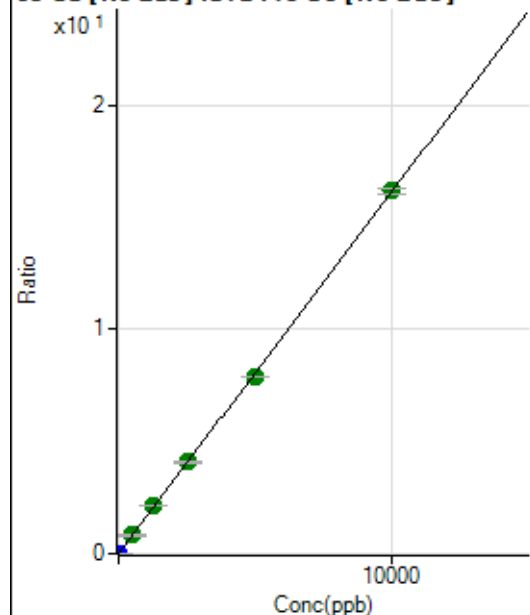
$$R = 0.9999$$

$$DL = 0.09335$$

$$BEC = 0.2582$$

Weight: <None>

Min Conc: 0

63 Cu [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1974.83	0.0007	P	7.0
2	☐	2.000	2.118	11609.06	0.0041	P	0.5
3	☐	500.000	508.198	2455935.18	0.8198	A	3.6
4	☐	1250.000	1329.154	6225138.38	2.1430	A	0.6
5	☐	2500.000	2543.055	11911898.15	4.0995	A	2.8
6	☐	5000.000	4887.142	23916164.51	7.8775	A	0.2
7	☐	10000.000	10035.361	47844751.23	16.1752	A	1.4
8	☐			114296.94	0.0403	P	2.9

$$y = 0.0016 * x + 6.9340E-004$$

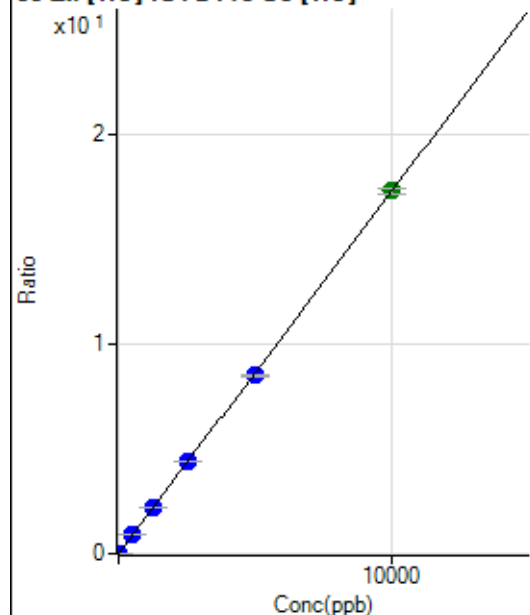
$$R = 0.9999$$

$$DL = 0.08995$$

$$BEC = 0.4302$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0013	P	21.0
2	☐	2.000	3.228	765.58	0.0069	P	7.3
3	☐	500.000	507.448	99191.11	0.8769	P	0.2
4	☐	1250.000	1283.253	248571.60	2.2155	P	1.0
5	☐	2500.000	2541.666	484314.28	4.3869	P	0.6
6	☐	5000.000	4929.933	949842.90	8.5078	P	1.2
7	☐	10000.000	10020.088	1937541.69	17.2908	A	1.4
8	☐			4915.35	0.0462	P	6.0

$$y = 0.0017 * x + 0.0013$$

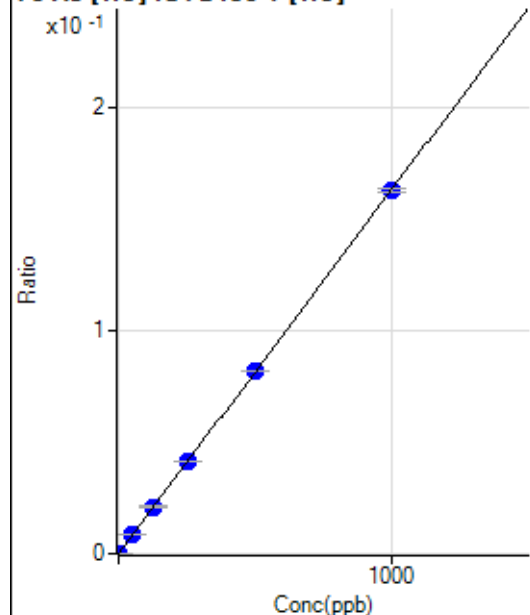
$$R = 1.0000$$

$$DL = 0.4742$$

$$BEC = 0.7526$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.67	0.0000	P	20.1
2	☐	1.000	0.970	120.01	0.0002	P	1.4
3	☐	50.000	51.471	6252.68	0.0084	P	2.2
4	☐	125.000	129.340	15605.83	0.0211	P	2.7
5	☐	250.000	255.062	30429.31	0.0417	P	0.4
6	☐	500.000	501.762	60888.36	0.0820	P	0.8
7	☐	1000.000	997.238	121142.13	0.1629	P	1.0
8	☐			55.01	0.0001	P	2.4

$$y = 1.6336E-004 * x + 7.8217E-006$$

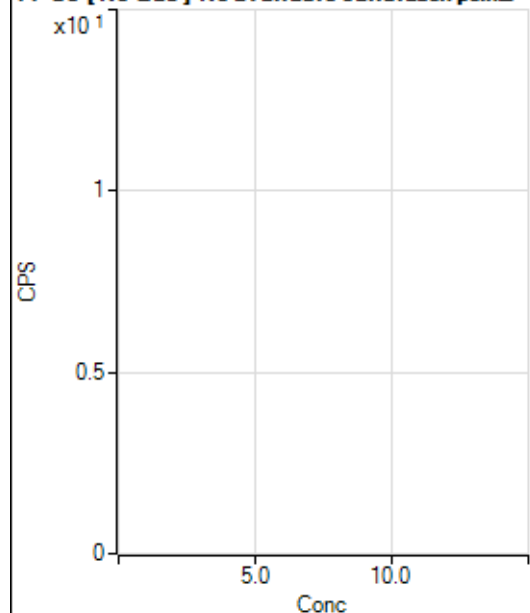
$$R = 1.0000$$

$$DL = 0.02881$$

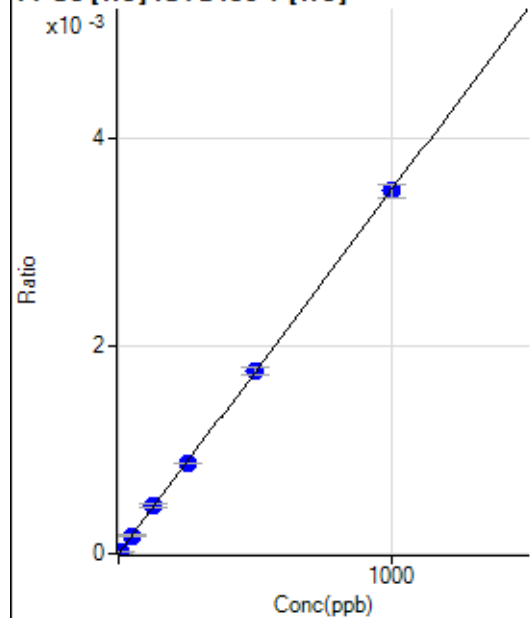
$$BEC = 0.04788$$

Weight: <None>

Min Conc: 0

77 Se [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			143.48		P	22.4
2	☐			490.52		P	4.1
3	☐			2993.43		P	11.8
4	☐			6908.84		P	1.4
5	☐			14181.81		P	2.3
6	☐			27291.21		P	0.7
7	☐			56005.09		P	1.6
8	☐			166.84		P	18.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	4.410	12.22	0.0000	P	31.6
3	☐	50.000	49.196	128.89	0.0002	P	9.6
4	☐	125.000	131.761	341.12	0.0005	P	6.0
5	☐	250.000	248.202	634.47	0.0009	P	2.1
6	☐	500.000	503.861	1308.97	0.0018	P	4.1
7	☐	1000.000	997.717	2594.71	0.0035	P	3.7
8	☐			1.11	0.0000	P	173.2

$$y = 3.4948\text{E-}006 * x + 1.5225\text{E-}006$$

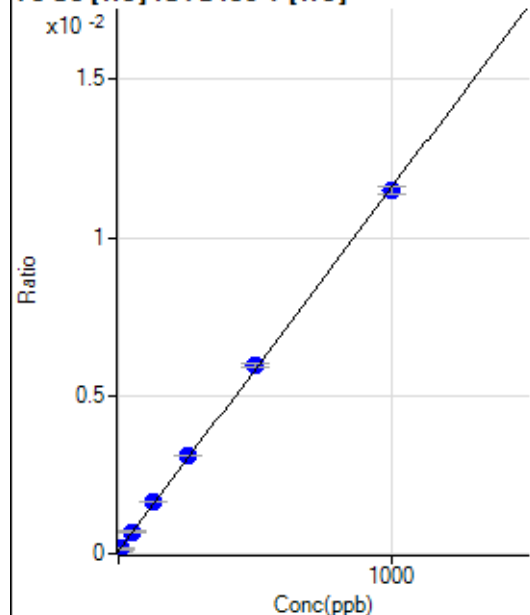
$$R = 1.0000$$

$$DL = 2.264$$

$$BEC = 0.4356$$

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	64.34	0.0001	P	17.1
2	☐	5.000	6.287	116.34	0.0002	P	14.7
3	☐	50.000	52.239	512.06	0.0007	P	4.3
4	☐	125.000	134.384	1206.17	0.0016	P	2.3
5	☐	250.000	262.280	2266.08	0.0031	P	1.8
6	☐	500.000	509.086	4412.14	0.0059	P	2.0
7	☐	1000.000	991.096	8535.45	0.0115	P	2.3
8	☐			62.68	0.0001	P	12.9

$$y = 1.1493E-005 * x + 8.8929E-005$$

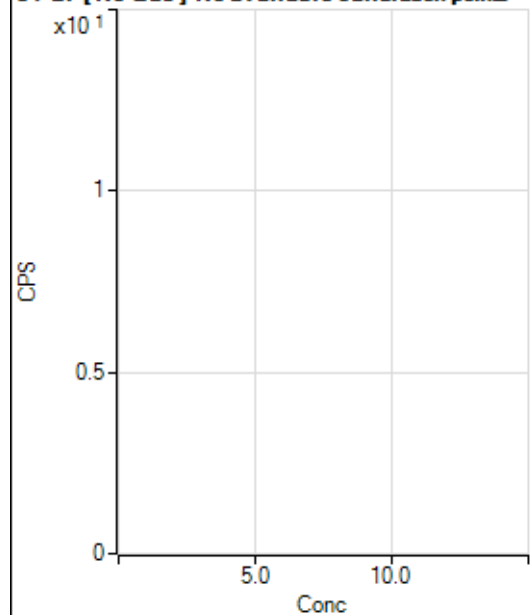
$$R = 0.9998$$

$$DL = 3.962$$

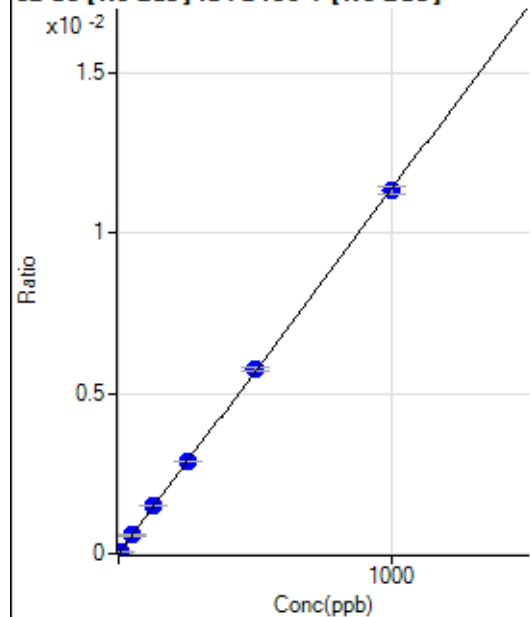
$$BEC = 7.737$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			18635.11		P	2.0
2	☐			19069.50		P	1.1
3	☐			19249.85		P	3.6
4	☐			19072.85		P	4.9
5	☐			17469.05		P	2.9
6	☐			17873.22		P	3.5
7	☐			18685.28		P	2.6
8	☐			19162.97		P	2.5

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-23.34	0.0000	P	-322.
2	☐	5.000	5.682	352.46	0.0001	P	26.4
3	☐	50.000	50.635	3519.06	0.0006	P	7.0
4	☐	125.000	133.279	9064.47	0.0015	P	1.4
5	☐	250.000	253.226	17771.11	0.0029	P	0.9
6	☐	500.000	506.140	35744.84	0.0058	P	1.6
7	☐	1000.000	995.054	71301.87	0.0113	P	2.2
8	☐			160.45	0.0000	P	26.9

$$y = 1.1380E-005 * x - 4.3098E-006$$

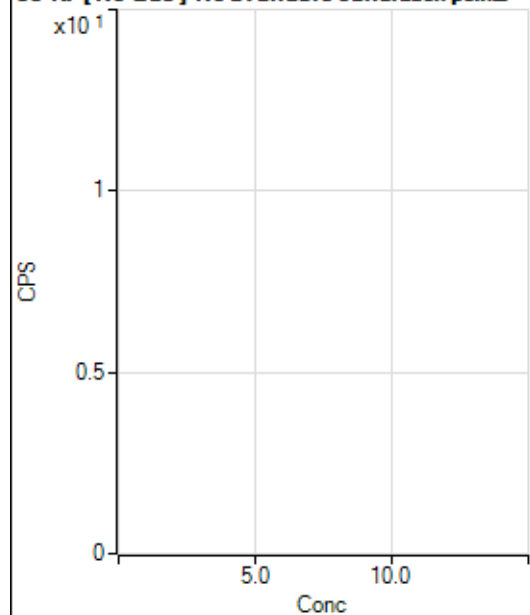
$$R = 0.9999$$

$$DL = 3.667$$

$$BEC = -0.3787$$

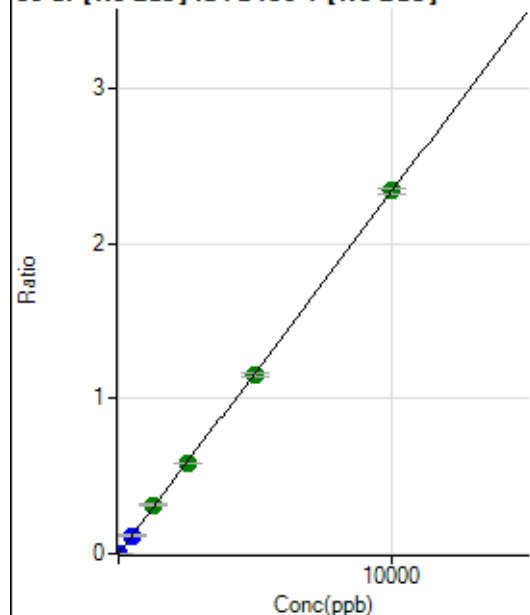
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			738.92		P	12.1
2	☐			658.91		P	11.5
3	☐			697.80		P	7.7
4	☐			687.80		P	9.5
5	☐			652.25		P	4.8
6	☐			670.02		P	7.0
7	☐			726.69		P	0.5
8	☐			675.58		P	4.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1177.86	0.0002	P	8.0
2	☐	1.000	0.981	2522.52	0.0004	P	4.5
3	☐	500.000	494.290	711445.72	0.1155	P	5.2
4	☐	1250.000	1340.060	1875330.73	0.3129	A	2.3
5	☐	2500.000	2498.874	3602703.99	0.5833	A	0.5
6	☐	5000.000	4936.533	7156459.71	1.1522	A	1.7
7	☐	10000.000	10021.043	14732556.23	2.3386	A	1.3
8	☐			14533.20	0.0024	P	14.5

$$y = 2.3335E-004 * x + 2.0331E-004$$

R = 0.9999

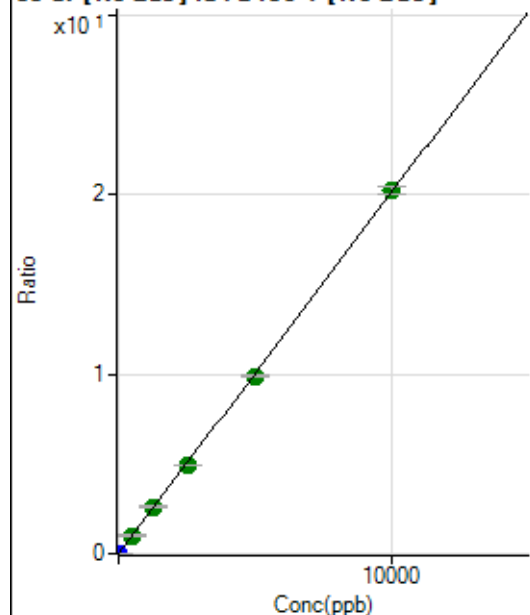
DL = 0.2089

BEC = 0.8712

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	294.46	0.0001	P	14.4
2	☐	1.000	0.976	11744.09	0.0020	P	2.3
3	☐	500.000	489.346	6050930.00	0.9835	A	7.3
4	☐	1250.000	1303.051	15695437.50	2.6187	A	1.4
5	☐	2500.000	2468.093	30634292.70	4.9601	A	0.4
6	☐	5000.000	4920.633	61421820.12	9.8888	A	0.5
7	☐	10000.000	10041.562	127122408.4	20.1801	A	2.1
8	☐			113776.58	0.0191	P	13.1

$$y = 0.0020 * x + 5.0959E-005$$

R = 0.9999

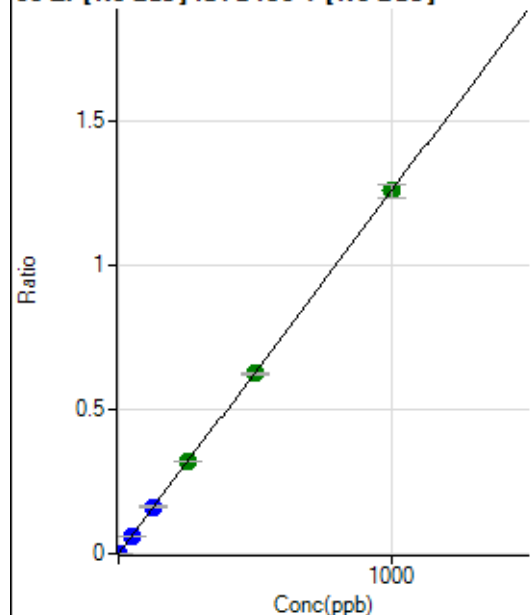
DL = 0.01093

BEC = 0.02536

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	355.57	0.0001	P	9.2
2	☐	1.000	0.930	7196.45	0.0012	P	2.0
3	☐	50.000	48.503	376669.03	0.0612	P	6.0
4	☐	125.000	129.440	978224.05	0.1632	P	1.0
5	☐	250.000	254.321	1980225.59	0.3206	A	0.4
6	☐	500.000	496.973	3890944.01	0.6265	A	0.9
7	☐	1000.000	999.953	7938779.69	1.2604	A	4.0
8	☐			6389.34	0.0011	P	27.0

$$y = 0.0013 * x + 6.1197E-005$$

$$R = 1.0000$$

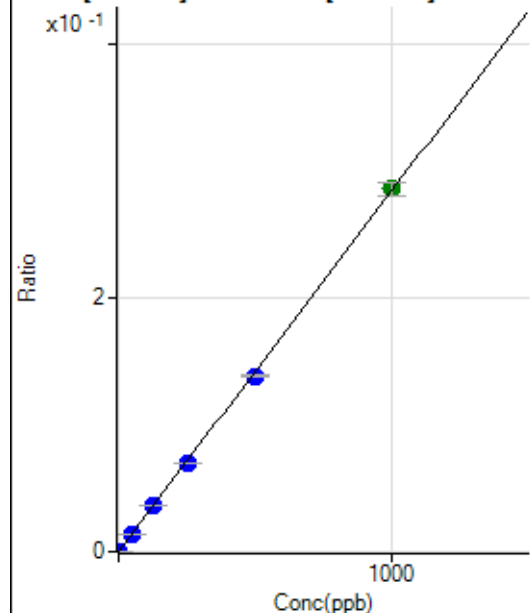
$$DL = 0.01346$$

$$BEC = 0.04855$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	34.9
2	☐	1.000	0.927	1589.01	0.0003	P	8.1
3	☐	50.000	47.843	83688.22	0.0136	P	6.8
4	☐	125.000	128.608	219034.45	0.0365	P	1.6
5	☐	250.000	245.649	431070.45	0.0698	P	1.7
6	☐	500.000	488.043	861117.39	0.1387	P	1.5
7	☐	1000.000	1006.723	1801427.45	0.2860	A	3.6
8	☐			1397.36	0.0002	P	22.8

$$y = 2.8409E-004 * x + 9.1606E-006$$

$$R = 0.9999$$

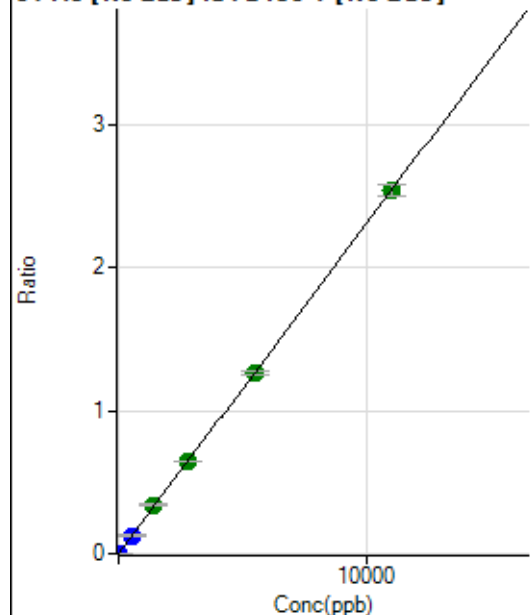
$$DL = 0.03371$$

$$BEC = 0.03225$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	166.67	0.0000	P	10.7
2	☐	5.000	6.090	8380.53	0.0014	P	3.1
3	☐	550.000	544.028	774083.83	0.1258	P	5.8
4	☐	1375.000	1478.968	2048694.88	0.3418	A	0.9
5	☐	2750.000	2785.057	3975417.28	0.6437	A	1.1
6	☐	5500.000	5495.570	7887495.49	1.2701	A	2.0
7	☐	11000.000	10980.753	15984453.83	2.5377	A	3.2
8	☐			8877.10	0.0015	P	31.4

$$y = 2.3110E-004 * x + 2.8801E-005$$

$$R = 1.0000$$

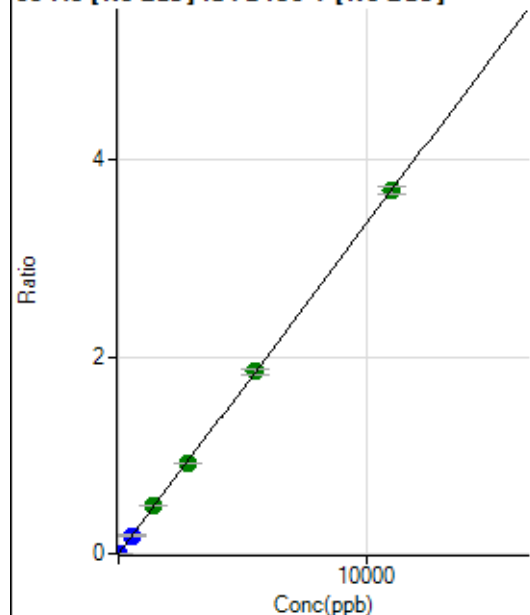
$$DL = 0.03994$$

$$BEC = 0.1246$$

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	91.67	0.0000	P	42.2
2	☐	5.000	5.059	10006.64	0.0017	P	1.5
3	☐	550.000	543.881	1124471.27	0.1826	P	5.1
4	☐	1375.000	1464.264	2946957.12	0.4917	A	2.7
5	☐	2750.000	2758.079	5719785.37	0.9261	A	0.3
6	☐	5500.000	5503.343	11475175.26	1.8479	A	2.4
7	☐	11000.000	10985.456	23234831.60	3.6886	A	2.3
8	☐			10468.07	0.0018	P	29.7

$$y = 3.3577E-004 * x + 1.6039E-005$$

$$R = 1.0000$$

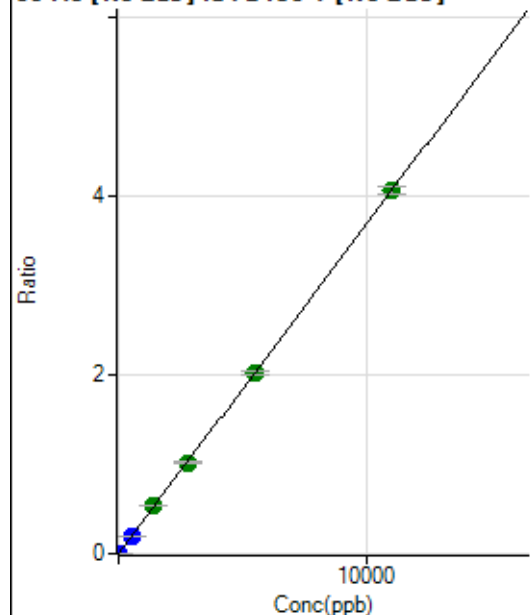
$$DL = 0.06046$$

$$BEC = 0.04777$$

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	180.56	0.0000	P	8.5
2	☐	5.000	5.066	11096.38	0.0019	P	1.1
3	☐	550.000	538.406	1224037.92	0.1988	P	5.1
4	☐	1375.000	1467.285	3246691.87	0.5417	A	1.3
5	☐	2750.000	2755.940	6284076.53	1.0175	A	1.2
6	☐	5500.000	5482.724	12569524.76	2.0241	A	2.6
7	☐	11000.000	10996.197	25572784.25	4.0596	A	2.0
8	☐			17671.55	0.0030	P	28.2

$$y = 3.6918E-004 * x + 3.1097E-005$$

$$R = 1.0000$$

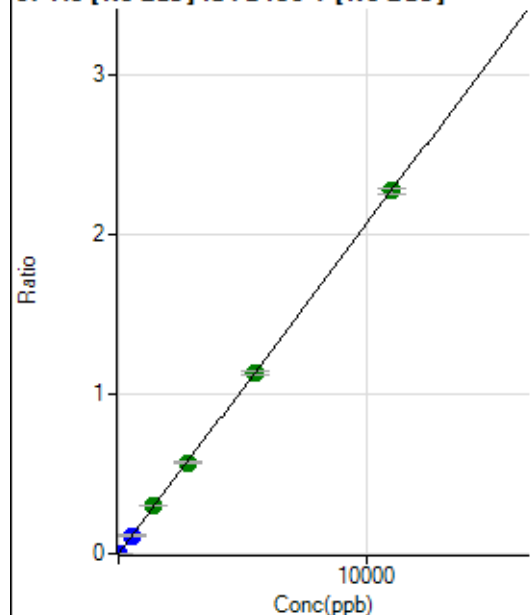
$$DL = 0.0215$$

$$BEC = 0.08423$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	64.3
2	☐	5.000	4.870	5906.97	0.0010	P	0.4
3	☐	550.000	551.254	701495.73	0.1140	P	6.5
4	☐	1375.000	1463.925	1814171.70	0.3027	A	2.1
5	☐	2750.000	2762.878	3528418.61	0.5713	A	0.9
6	☐	5500.000	5490.084	7050851.03	1.1352	A	1.8
7	☐	11000.000	10990.560	14315938.86	2.2726	A	1.7
8	☐			6578.32	0.0011	P	34.9

$$y = 2.0677E-004 * x + 5.3182E-006$$

$$R = 1.0000$$

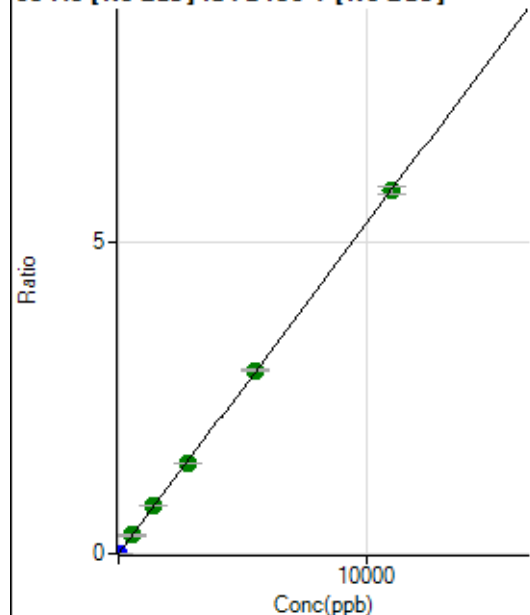
$$DL = 0.04958$$

$$BEC = 0.02572$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0000	P	19.5
2	☐	5.000	5.097	15906.73	0.0027	P	3.1
3	☐	550.000	564.177	1845383.48	0.2999	A	6.5
4	☐	1375.000	1458.341	4645216.99	0.7751	A	1.8
5	☐	2750.000	2731.420	8965844.38	1.4517	A	1.0
6	☐	5500.000	5535.663	18272430.27	2.9421	A	1.2
7	☐	11000.000	10975.687	36745551.17	5.8333	A	1.9
8	☐			15225.25	0.0026	P	19.8

$$y = 5.3147\text{E-}004 * x + 1.7173\text{E-}005$$

$$R = 1.0000$$

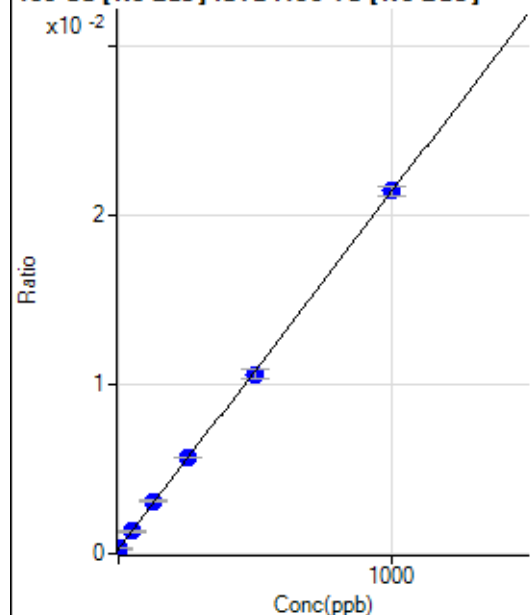
$$DL = 0.01894$$

$$BEC = 0.03231$$

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	1238.98	0.0003	P	4.7
2	☐	1.000	3.692	1594.58	0.0004	P	10.2
3	☐	50.000	49.385	6254.41	0.0013	P	6.1
4	☐	125.000	133.053	14313.45	0.0031	P	4.8
5	☐	250.000	255.563	26155.98	0.0057	P	0.8
6	☐	500.000	489.615	51547.47	0.0106	P	4.7
7	☐	1000.000	1002.823	103054.81	0.0214	P	2.6
8	☐			1502.90	0.0003	P	0.9

$$y = 2.1102\text{E-}005 * x + 2.8082\text{E-}004$$

$$R = 0.9999$$

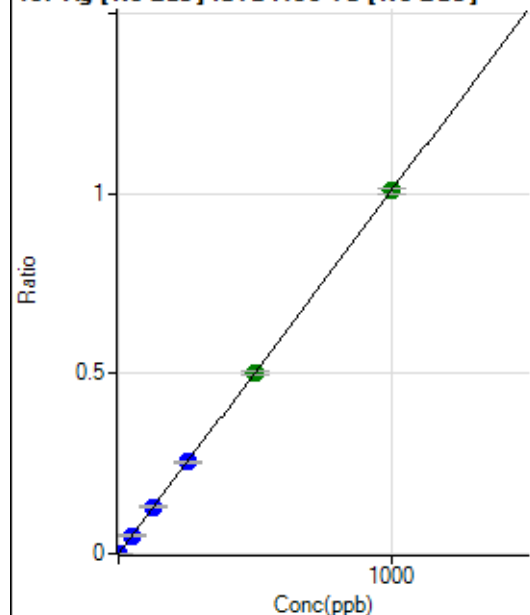
$$DL = 1.894$$

$$BEC = 13.31$$

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	66.67	0.0000	P	14.8
2	☐	1.000	0.972	4423.06	0.0010	P	5.5
3	☐	50.000	49.061	233818.84	0.0495	P	6.6
4	☐	125.000	127.924	597335.87	0.1290	P	4.8
5	☐	250.000	253.691	1178855.28	0.2557	P	2.6
6	☐	500.000	498.148	2440452.63	0.5021	A	2.6
7	☐	1000.000	999.685	4843949.11	1.0076	A	1.6
8	☐			1722.38	0.0004	P	9.8

$$y = 0.0010 * x + 1.5166E-005$$

$$R = 1.0000$$

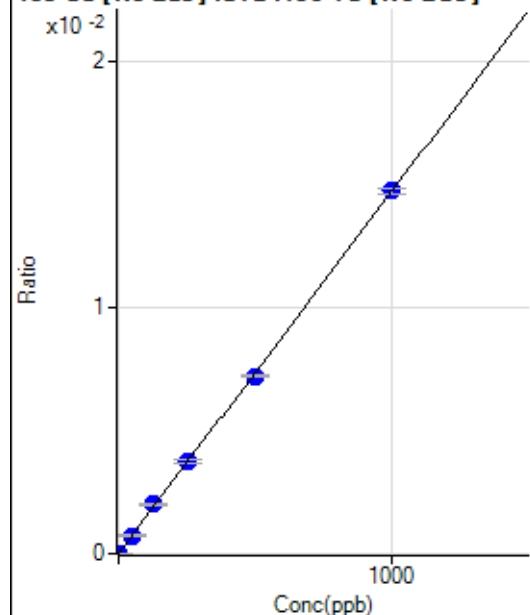
$$DL = 0.006662$$

$$BEC = 0.01505$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	40.28	0.0000	P	98.4
2	☐	1.000	0.552	77.78	0.0000	P	14.6
3	☐	50.000	49.825	3499.11	0.0007	P	10.0
4	☐	125.000	135.788	9282.43	0.0020	P	5.1
5	☐	250.000	254.494	17267.95	0.0037	P	4.7
6	☐	500.000	490.344	35036.25	0.0072	P	1.8
7	☐	1000.000	1002.365	70779.70	0.0147	P	1.8
8	☐			105.56	0.0000	P	31.6

$$y = 1.4682E-005 * x + 9.4053E-006$$

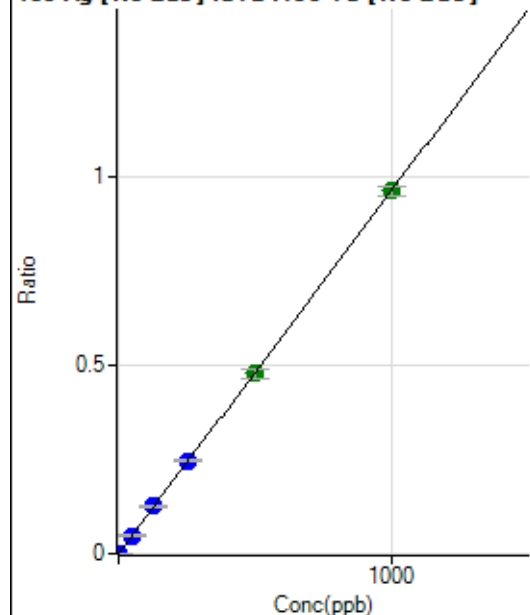
$$R = 0.9999$$

$$DL = 1.892$$

$$BEC = 0.6406$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	40.5
2	☐	1.000	0.996	4325.80	0.0010	P	2.6
3	☐	50.000	49.204	223613.93	0.0473	P	6.1
4	☐	125.000	131.505	585555.94	0.1264	P	3.9
5	☐	250.000	256.779	1137573.97	0.2468	P	0.5
6	☐	500.000	495.929	2314848.86	0.4766	A	4.6
7	☐	1000.000	999.567	4617132.74	0.9605	A	2.8
8	☐			1605.70	0.0004	P	6.9

$$y = 9.6094\text{E-}004 * x + 1.5643\text{E-}005$$

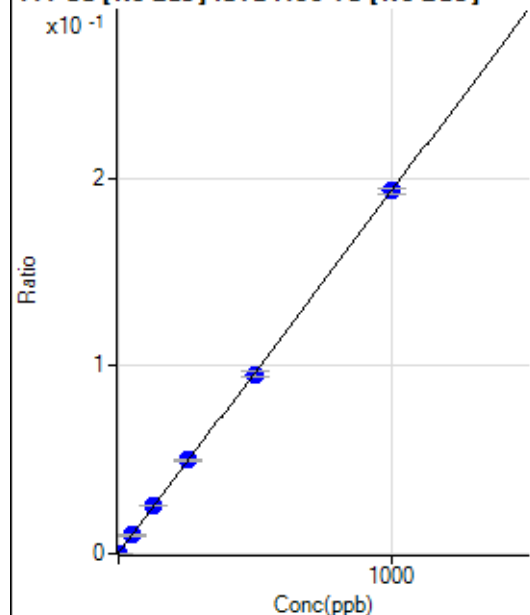
$$R = 0.9999$$

$$DL = 0.01978$$

$$BEC = 0.01628$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	871.03	0.0002	P	2.7
2	☐	1.000	1.303	1997.92	0.0004	P	2.5
3	☐	50.000	50.451	47030.46	0.0099	P	5.3
4	☐	125.000	132.633	119674.50	0.0258	P	2.3
5	☐	250.000	257.773	230498.36	0.0500	P	1.9
6	☐	500.000	494.099	464759.21	0.0957	P	2.9
7	☐	1000.000	1000.030	929642.09	0.1934	P	1.3
8	☐			1385.11	0.0003	P	10.2

$$y = 1.9320\text{E-}004 * x + 1.9733\text{E-}004$$

$$R = 0.9999$$

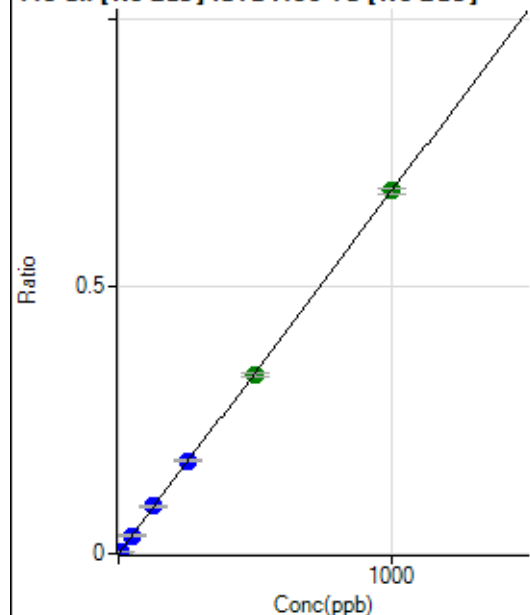
$$DL = 0.084$$

$$BEC = 1.021$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	408.35	0.0001	P	8.2
2	☐	5.000	5.197	16062.60	0.0036	P	6.4
3	☐	50.000	49.626	159397.04	0.0337	P	4.8
4	☐	125.000	131.408	412852.00	0.0891	P	2.7
5	☐	250.000	256.194	800266.35	0.1736	P	1.3
6	☐	500.000	493.790	1625671.66	0.3345	A	1.5
7	☐	1000.000	1000.773	3257970.21	0.6779	A	1.9
8	☐			2964.60	0.0006	P	29.6

$$y = 6.7724\text{E-}004 * x + 9.2524\text{E-}005$$

$$R = 0.9999$$

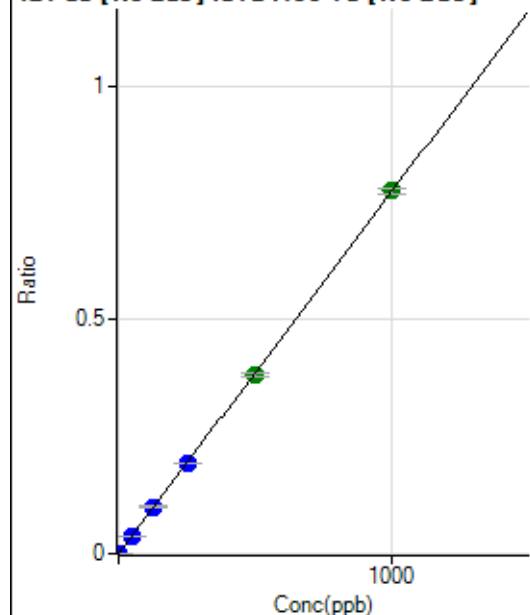
$$DL = 0.03341$$

$$BEC = 0.1366$$

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	58.34	0.0000	P	37.6
2	☐	2.000	1.864	6468.38	0.0015	P	5.5
3	☐	50.000	47.547	173980.53	0.0368	P	4.8
4	☐	125.000	128.543	460533.78	0.0994	P	4.7
5	☐	250.000	251.285	895903.03	0.1943	P	0.7
6	☐	500.000	492.345	1850192.99	0.3808	A	2.2
7	☐	1000.000	1003.186	3728858.33	0.7758	A	1.5
8	☐			3286.62	0.0007	P	7.8

$$y = 7.7333\text{E-}004 * x + 1.3255\text{E-}005$$

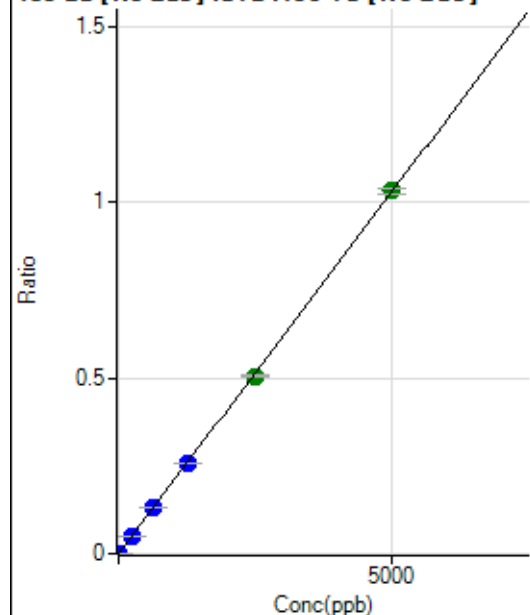
$$R = 0.9999$$

$$DL = 0.01934$$

$$BEC = 0.01714$$

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	22.22	0.0000	P	60.3
2	☐	10.000	9.582	8797.54	0.0020	P	1.2
3	☐	250.000	241.125	234773.52	0.0496	P	5.0
4	☐	625.000	639.698	610176.00	0.1317	P	3.2
5	☐	1250.000	1251.883	1187922.16	0.2577	P	0.8
6	☐	2500.000	2459.077	2459801.42	0.5062	A	2.0
7	☐	5000.000	5018.598	4965031.67	1.0330	A	1.5
8	☐			2811.70	0.0006	P	30.0

$$y = 2.0583\text{E-}004 * x + 5.0943\text{E-}006$$

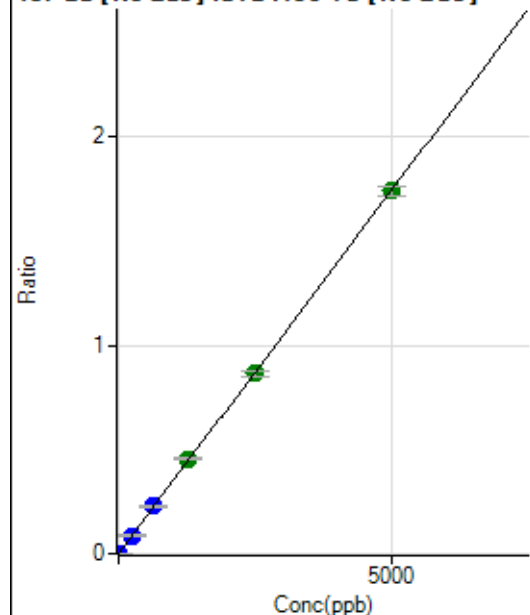
$$R = 0.9999$$

$$DL = 0.04479$$

$$BEC = 0.02475$$

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	52.78	0.0000	P	56.0
2	☐	10.000	9.814	15270.20	0.0034	P	0.9
3	☐	250.000	244.553	403016.15	0.0852	P	5.9
4	☐	625.000	649.247	1048442.23	0.2263	P	3.8
5	☐	1250.000	1307.486	2100619.69	0.4557	A	2.4
6	☐	2500.000	2477.414	4195013.03	0.8634	A	3.2
7	☐	5000.000	4994.163	8365290.20	1.7405	A	2.8
8	☐			5639.43	0.0012	P	48.1

$$y = 3.4851\text{E-}004 * x + 1.2171\text{E-}005$$

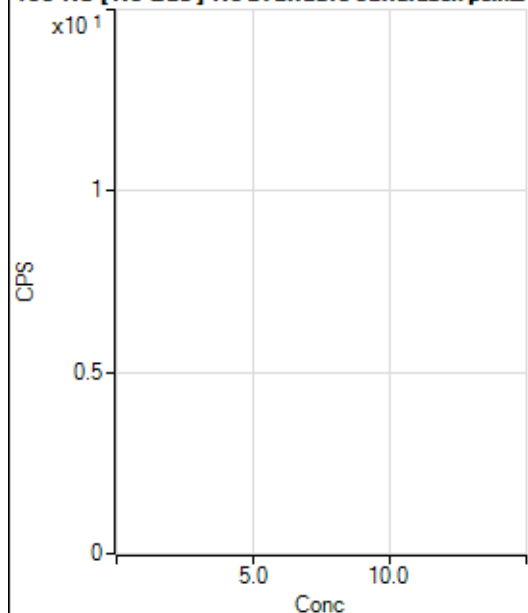
$$R = 0.9999$$

$$DL = 0.05868$$

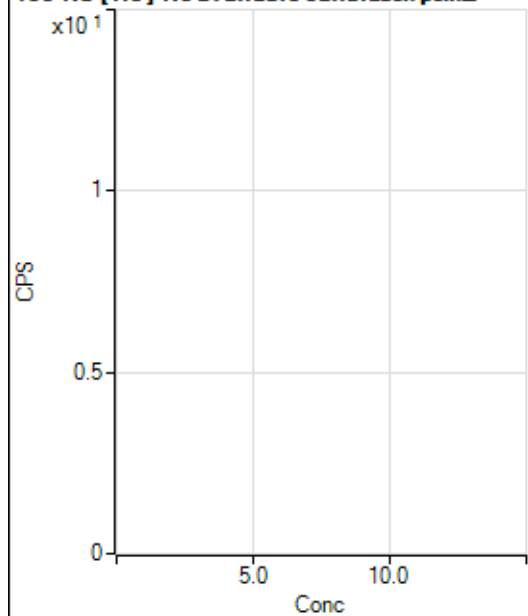
$$BEC = 0.03492$$

Weight: <None>

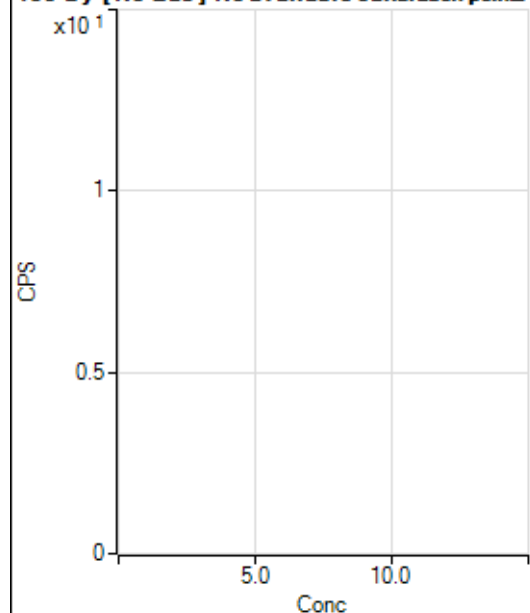
Min Conc: 0

150 Nd [No Gas] No available calibration points

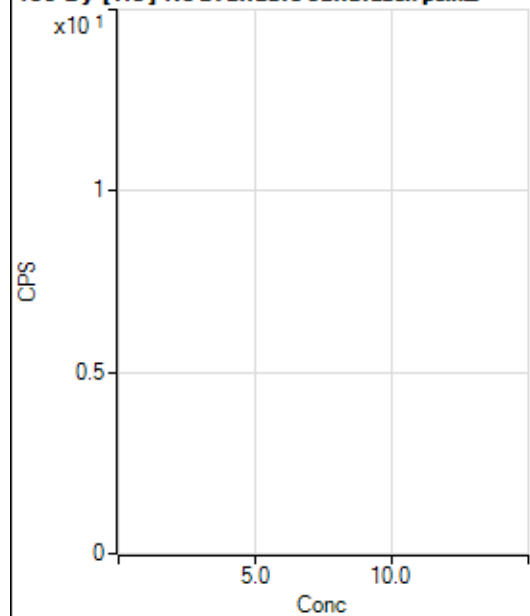
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			15.56		P	89.2
3	☐			28.89		P	35.2
4	☐			26.67		P	50.0
5	☐			115.56		P	38.4
6	☐			153.34		P	11.5
7	☐			280.01		P	2.4
8	☐			40.00		P	60.1

150 Nd [He] No available calibration points

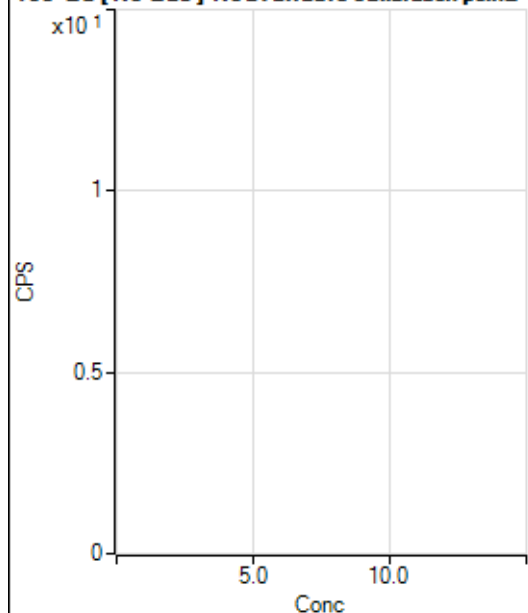
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			4.45		P	86.6
4	☐			5.56		P	91.6
5	☐			7.78		P	24.7
6	☐			31.11		P	34.4
7	☐			44.45		P	24.1
8	☐			12.22		P	15.7

156 Dy [No Gas] No available calibration points

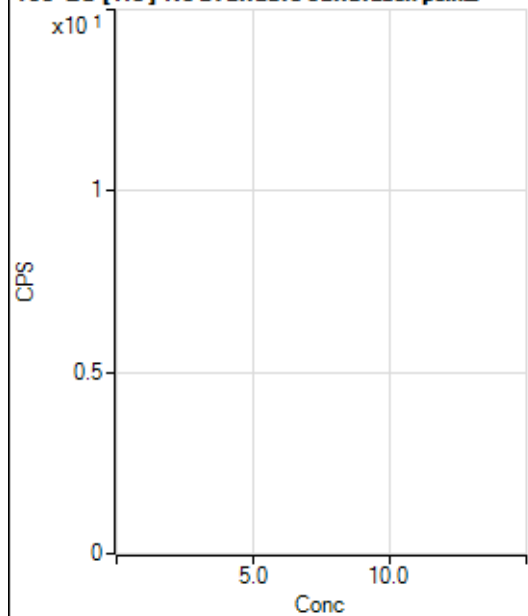
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			16.67		P	100.0
3	☐			19.44		P	99.0
4	☐			38.89		P	12.4
5	☐			91.67		P	41.7
6	☐			91.67		P	24.1
7	☐			252.79		P	16.3
8	☐			666.70		P	11.9

156 Dy [He] No available calibration points

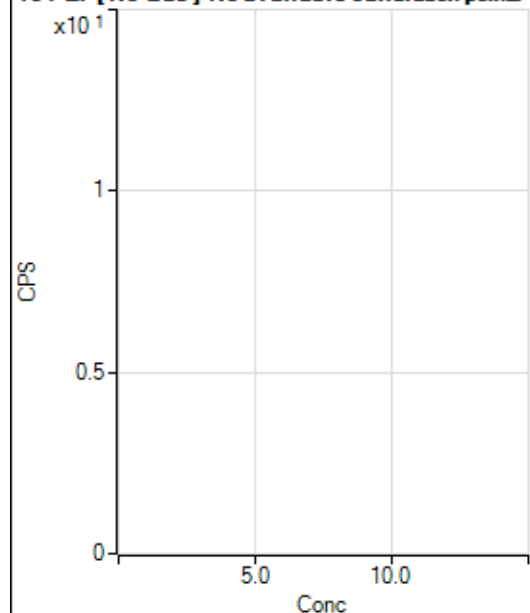
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			4.44		P	43.4
3	☐			14.45		P	26.7
4	☐			13.33		P	66.2
5	☐			28.89		P	43.7
6	☐			60.00		P	24.2
7	☐			106.67		P	15.6
8	☐			318.90		P	3.0

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

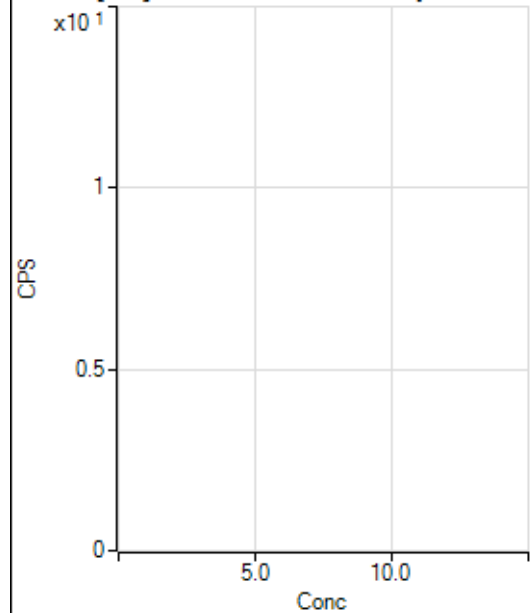
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	69.3
2	☐			41.67		P	72.1
3	☐			52.78		P	55.5
4	☐			41.67		P	40.0
5	☐			66.67		P	54.5
6	☐			108.34		P	26.6
7	☐			208.34		P	14.4
8	☐			630.59		P	4.0

160 Gd [He] No available calibration points

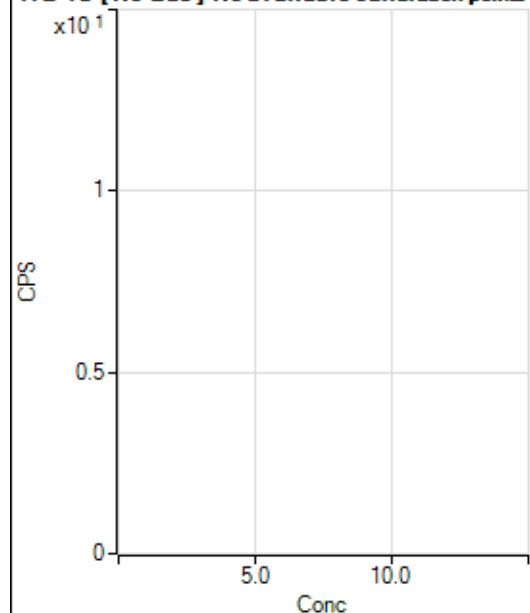
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	24.1
2	☐			23.33		P	14.3
3	☐			42.22		P	43.5
4	☐			57.78		P	20.3
5	☐			61.11		P	6.3
6	☐			77.78		P	20.3
7	☐			120.00		P	19.4
8	☐			301.12		P	13.3

164 Er [No Gas] No available calibration points

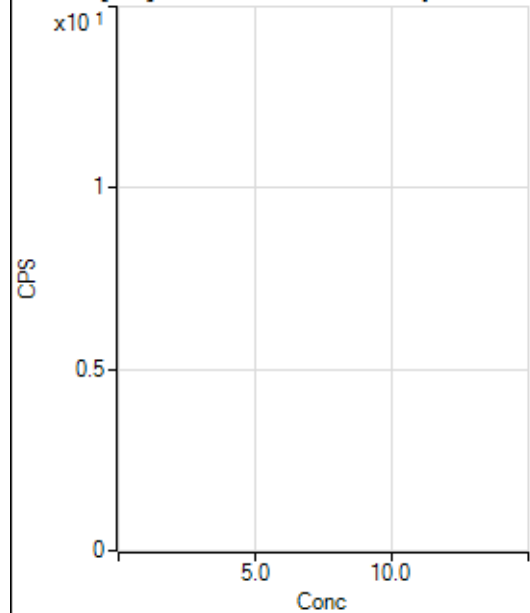
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	65.5
2	☐			36.11		P	13.3
3	☐			33.34		P	43.3
4	☐			36.11		P	26.7
5	☐			61.11		P	20.8
6	☐			72.23		P	46.6
7	☐			119.45		P	17.6
8	☐			88.89		P	19.5

164 Er [He] No available calibration points

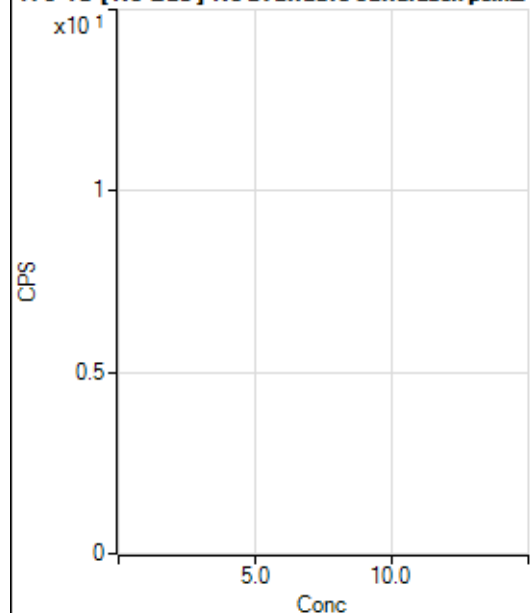
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	65.8
2	☐			23.33		P	62.3
3	☐			20.00		P	16.7
4	☐			17.78		P	21.7
5	☐			38.89		P	4.9
6	☐			34.44		P	34.0
7	☐			44.44		P	17.3
8	☐			34.44		P	14.8

172 Yb [No Gas] No available calibration points

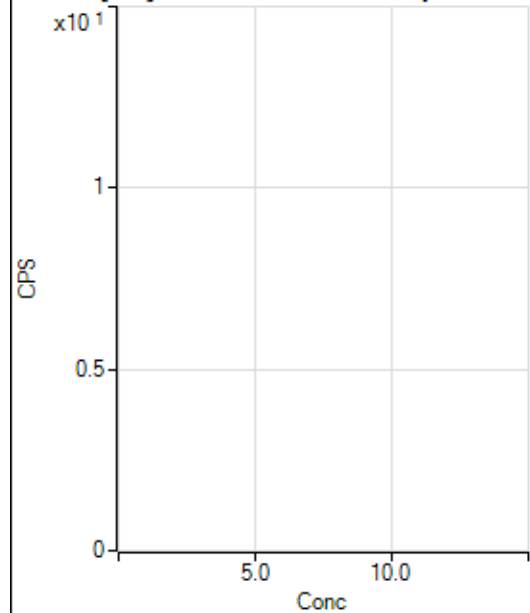
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	120.2
2	☐			22.22		P	43.3
3	☐			36.11		P	35.3
4	☐			36.11		P	35.3
5	☐			41.67		P	52.9
6	☐			69.45		P	30.2
7	☐			66.67		P	54.5
8	☐			44.45		P	47.2

172 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.85		P	173.2
2	☐			7.41		P	86.6
3	☐			11.11		P	50.0
4	☐			9.26		P	91.7
5	☐			9.26		P	34.6
6	☐			24.07		P	58.1
7	☐			51.85		P	27.0
8	☐			14.82		P	78.1

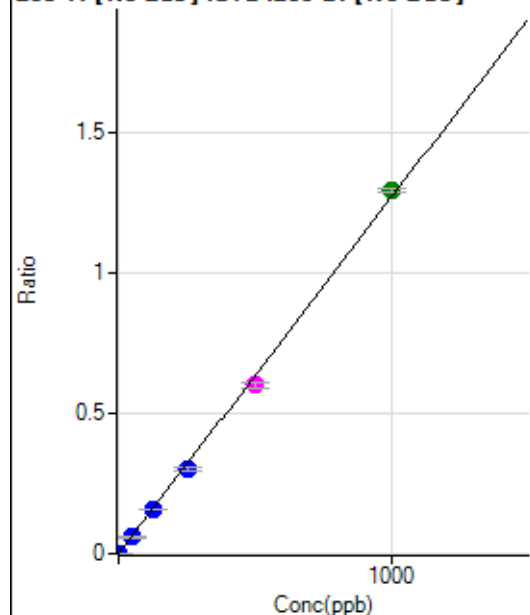
176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			350.01		P	14.3
2	☐			450.02		P	12.8
3	☐			1258.43		P	10.4
4	☐			2286.38		P	7.1
5	☐			3736.74		P	6.1
6	☐			7596.87		P	1.5
7	☐			14825.36		P	0.7
8	☐			561.14		P	24.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2592.90		P	11.6
2	☐			2479.91		P	8.6
3	☐			2959.66		P	4.5
4	☐			3665.39		P	4.4
5	☐			4484.18		P	1.9
6	☐			6003.32		P	3.7
7	☐			9460.95		P	2.4
8	☐			2672.54		P	9.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	441.69	0.0002	P	11.8
2	☐	1.000	0.865	3128.25	0.0013	P	5.0
3	☐	50.000	46.205	155479.97	0.0588	P	5.7
4	☐	125.000	123.542	404790.71	0.1570	P	2.1
5	☐	250.000	236.766	787896.93	0.3006	P	2.9
6	☐	500.000	472.265	1622152.77	0.5995	M	2.5
7	☐	1000.000	1017.548	3401635.06	1.2914	A	0.9
8	☐			1539.04	0.0006	P	21.8

$$y = 0.0013 * x + 1.8263E-004$$

$$R = 0.9993$$

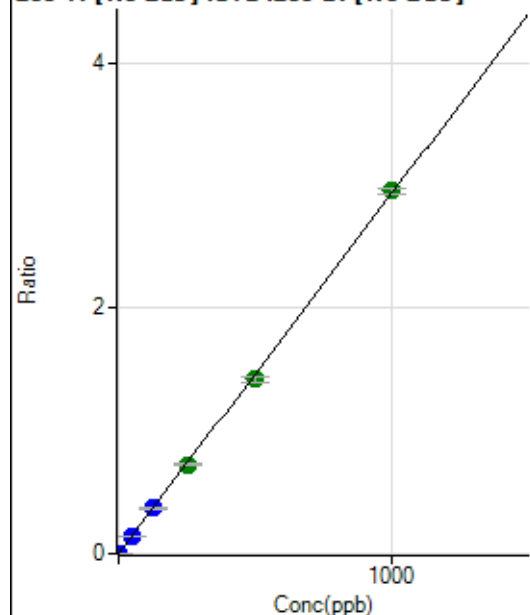
$$DL = 0.0511$$

$$BEC = 0.1439$$

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	980.62	0.0004	P	6.2
2	☐	1.000	0.941	7741.40	0.0032	P	2.0
3	☐	50.000	47.067	366045.24	0.1385	P	5.8
4	☐	125.000	125.483	950395.80	0.3685	P	2.2
5	☐	250.000	248.197	1909654.97	0.7285	A	1.6
6	☐	500.000	484.288	3844182.90	1.4210	A	2.5
7	☐	1000.000	1008.393	7792182.73	2.9585	A	1.5
8	☐			3720.18	0.0015	P	17.6

$$y = 0.0029 * x + 4.0572E-004$$

$$R = 0.9998$$

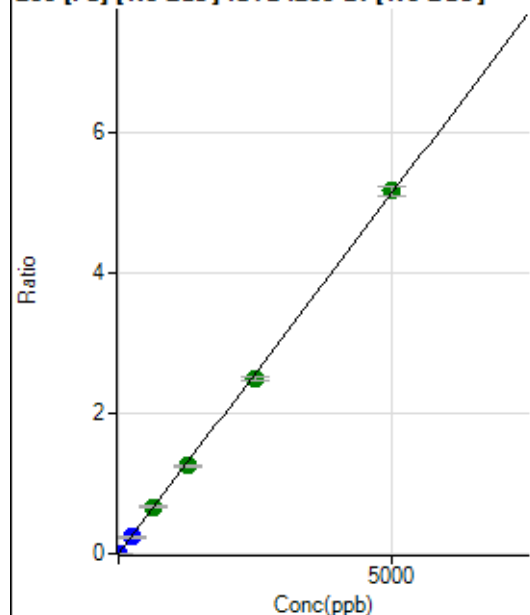
$$DL = 0.02555$$

$$BEC = 0.1383$$

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	450.01	0.0002	P	9.5
2	☐	1.000	0.985	2930.02	0.0012	P	2.3
3	☐	250.000	226.728	616122.92	0.2331	P	5.8
4	☐	625.000	648.351	1717977.50	0.6662	A	2.3
5	☐	1250.000	1225.797	3301206.61	1.2593	A	2.2
6	☐	2500.000	2437.354	6774056.29	2.5038	A	2.1
7	☐	5000.000	5035.618	13623180.28	5.1727	A	2.4
8	☐			9607.86	0.0040	P	18.4

$$y = 0.0010 * x + 1.8644E-004$$

$$R = 0.9998$$

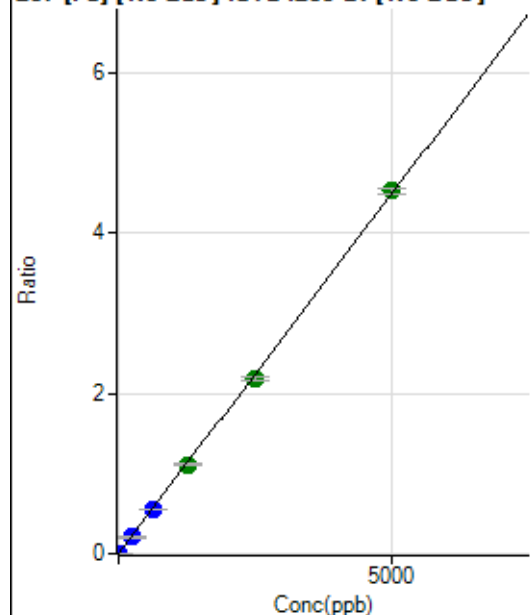
$$DL = 0.0517$$

$$BEC = 0.1815$$

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	388.90	0.0002	P	4.4
2	☐	1.000	0.963	2504.00	0.0010	P	4.2
3	☐	250.000	231.185	549043.07	0.2076	P	4.7
4	☐	625.000	612.495	1417779.86	0.5498	P	3.0
5	☐	1250.000	1239.498	2916843.96	1.1125	A	1.1
6	☐	2500.000	2422.116	5880758.24	2.1738	A	2.3
7	☐	5000.000	5044.071	11921301.89	4.5267	A	1.8
8	☐			9674.43	0.0040	P	28.6

$$y = 8.9740E-004 * x + 1.6038E-004$$

$$R = 0.9998$$

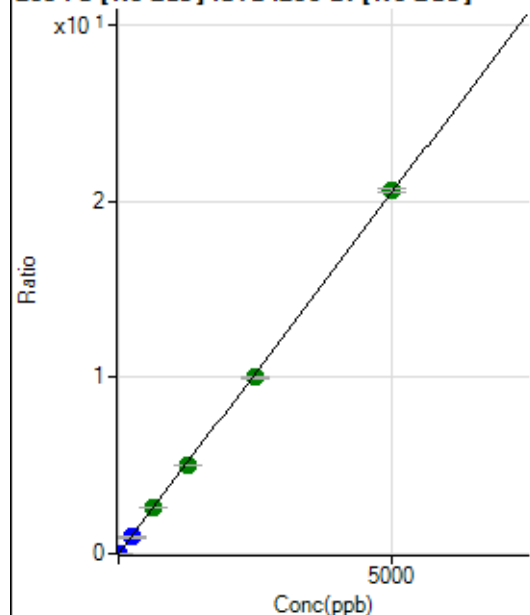
$$DL = 0.0237$$

$$BEC = 0.1787$$

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	1885.27	0.0008	P	2.9
2	☐	1.000	0.963	11531.87	0.0047	P	2.8
3	☐	250.000	229.595	2486031.48	0.9404	P	5.7
4	☐	625.000	641.298	6771501.54	2.6254	A	1.4
5	☐	1250.000	1230.196	13202015.20	5.0356	A	1.1
6	☐	2500.000	2448.957	27122869.13	10.0236	A	1.3
7	☐	5000.000	5029.456	54215364.29	20.5847	A	0.9
8	☐			40721.14	0.0169	P	18.0

$$y = 0.0041 * x + 7.7913E-004$$

$$R = 0.9999$$

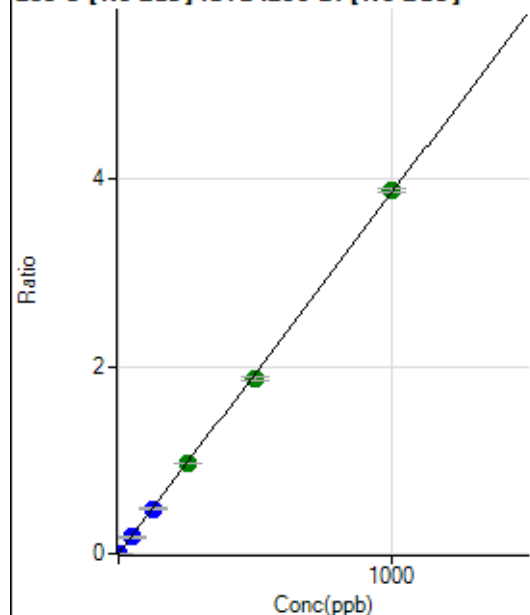
$$DL = 0.0165$$

$$BEC = 0.1904$$

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	25.00	0.0000	P	87.2
2	☐	1.000	0.943	8906.15	0.0036	P	6.3
3	☐	50.000	45.725	465919.82	0.1762	P	5.1
4	☐	125.000	124.915	1241864.52	0.4814	P	1.0
5	☐	250.000	252.845	2554572.06	0.9744	A	0.3
6	☐	500.000	486.123	5069139.22	1.8734	A	1.5
7	☐	1000.000	1006.452	10215438.94	3.8786	A	1.1
8	☐			4020.97	0.0017	P	35.8

$$y = 0.0039 * x + 1.0492E-005$$

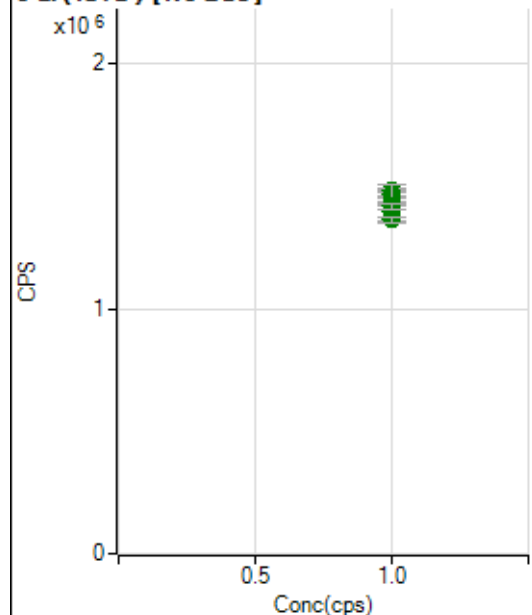
$$R = 0.9999$$

$$DL = 0.007122$$

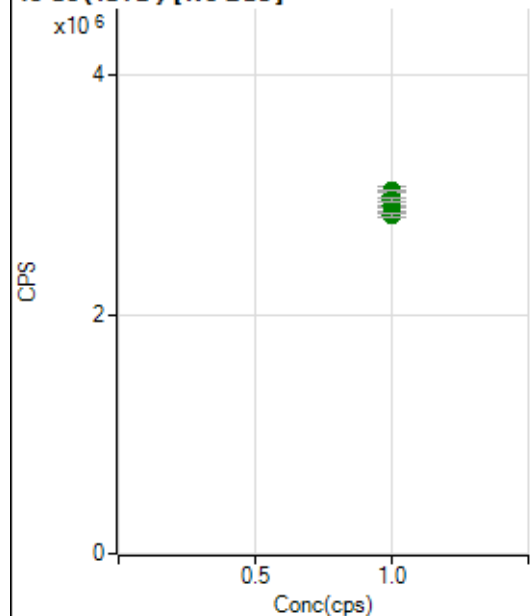
$$BEC = 0.002722$$

Weight: <None>

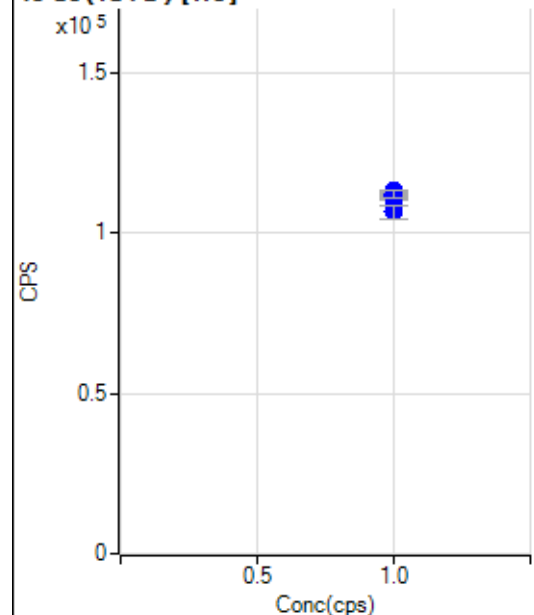
Min Conc: 0

6 Li (ISTD) [No Gas]

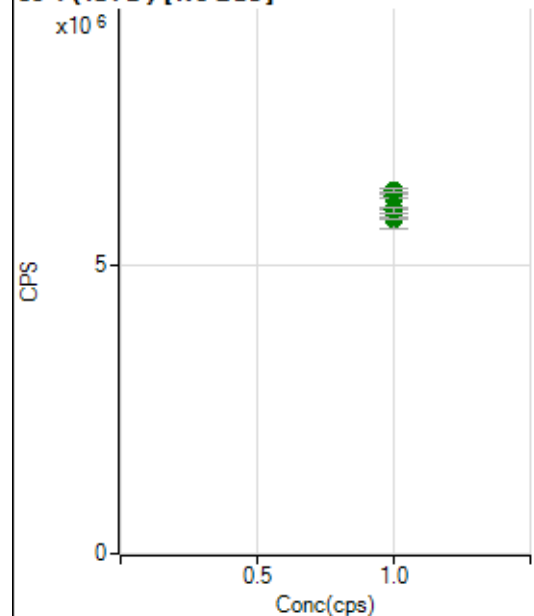
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1399063.67		A	5.5
2	☐	1.000		1361924.06		A	2.1
3	☐	1.000		1455213.05		A	4.7
4	☐	1.000		1466693.33		A	1.7
5	☐	1.000		1470797.27		A	1.1
6	☐	1.000		1480722.87		A	1.1
7	☐	1.000		1469604.27		A	4.7
8	☐	1.000		1418327.32		A	1.7

45 Sc (ISTD) [No Gas]

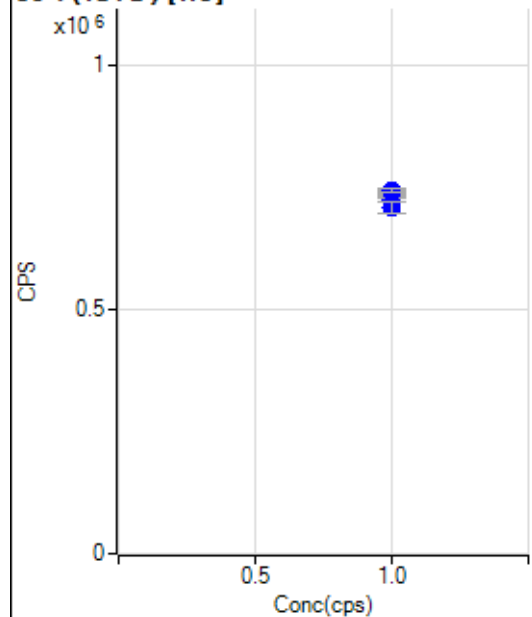
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2851675.44		A	2.8
2	☐	1.000		2827175.55		A	1.0
3	☐	1.000		2999713.60		A	5.4
4	☐	1.000		2904993.36		A	0.6
5	☐	1.000		2907206.17		A	3.0
6	☐	1.000		3036007.32		A	0.8
7	☐	1.000		2958119.40		A	0.8
8	☐	1.000		2832274.78		A	1.2

45 Sc (ISTD) [He]

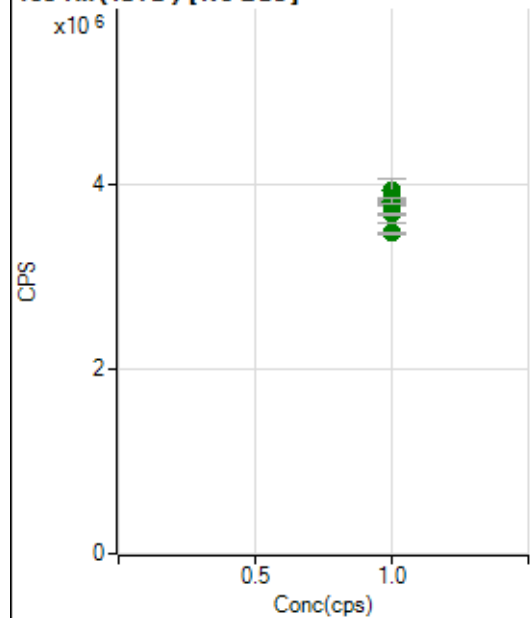
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		111471.75		P	1.6
2	☐	1.000		111458.18		P	0.4
3	☐	1.000		113116.58		P	0.3
4	☐	1.000		112194.01		P	0.5
5	☐	1.000		110402.37		P	0.5
6	☐	1.000		111657.51		P	1.6
7	☐	1.000		112074.87		P	1.8
8	☐	1.000		106546.72		P	3.8

89 Y (ISTD) [No Gas]

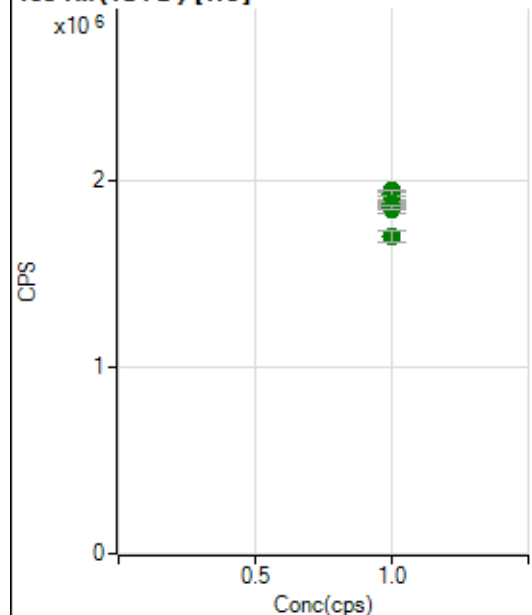
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5810714.36		A	6.0
2	☐	1.000		5835582.27		A	0.5
3	☐	1.000		6168678.17		A	5.6
4	☐	1.000		5993396.78		A	0.4
5	☐	1.000		6176227.27		A	0.3
6	☐	1.000		6211495.11		A	1.6
7	☐	1.000		6300056.92		A	1.0
8	☐	1.000		5966023.52		A	1.4

89 Y (ISTD) [He]

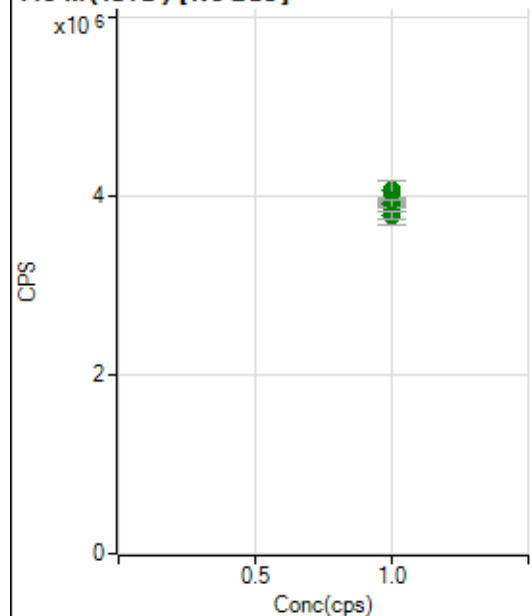
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		724220.82		P	0.9
2	☐	1.000		721915.30		P	0.4
3	☐	1.000		743088.67		P	1.4
4	☐	1.000		738396.19		P	0.5
5	☐	1.000		730163.62		P	0.4
6	☐	1.000		742785.20		P	0.4
7	☐	1.000		743624.20		P	1.1
8	☐	1.000		708688.24		P	3.2

103 Rh (ISTD) [No Gas]

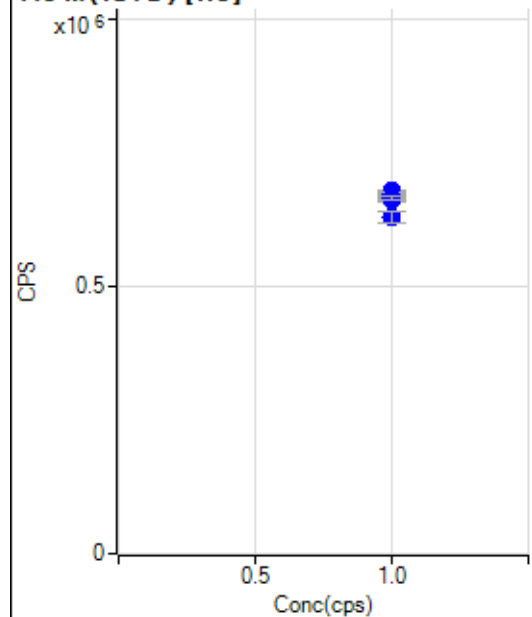
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3681373.00		A	5.1
2	☐	1.000		3678092.44		A	0.9
3	☐	1.000		3926864.07		A	6.7
4	☐	1.000		3831124.31		A	1.1
5	☐	1.000		3778225.21		A	0.5
6	☐	1.000		3840623.56		A	0.9
7	☐	1.000		3815902.73		A	1.7
8	☐	1.000		3466570.48		A	0.8

103 Rh (ISTD) [He]

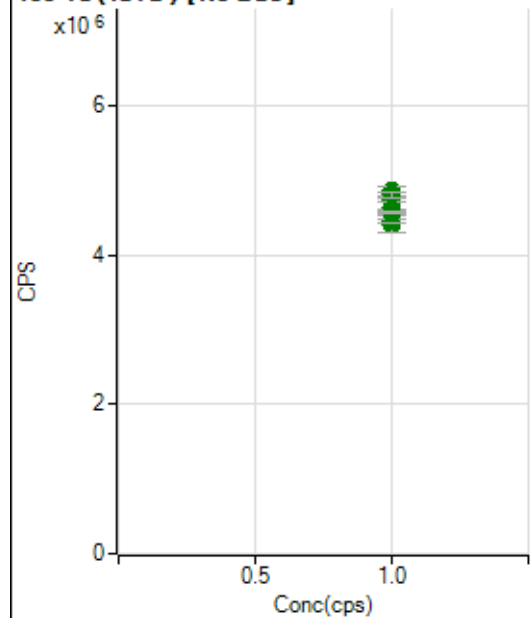
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1836091.43		A	2.0
2	☐	1.000		1881206.62		A	1.5
3	☐	1.000		1940096.64		A	0.7
4	☐	1.000		1923794.47		A	1.6
5	☐	1.000		1867215.13		A	1.8
6	☐	1.000		1846680.46		A	3.4
7	☐	1.000		1852763.67		A	1.3
8	☐	1.000		1696644.83		A	3.6

115 In (ISTD) [No Gas]

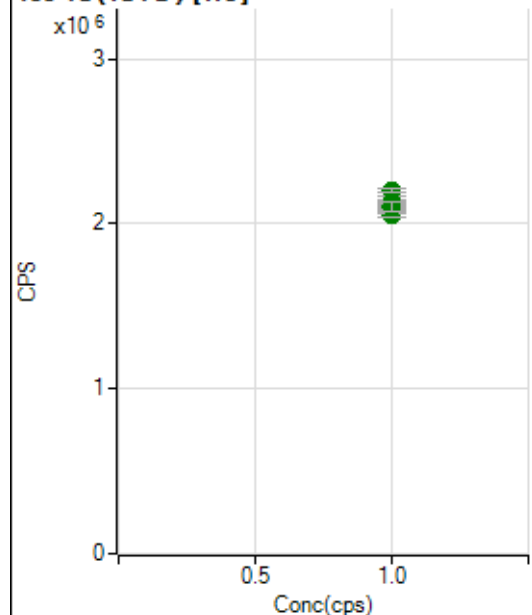
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3786802.17		A	5.2
2	☐	1.000		3895589.80		A	1.6
3	☐	1.000		4058194.44		A	6.0
4	☐	1.000		3906169.44		A	1.1
5	☐	1.000		3932273.92		A	1.0
6	☐	1.000		3954074.53		A	1.3
7	☐	1.000		3906774.08		A	2.2
8	☐	1.000		3780721.67		A	2.1

115 In (ISTD) [He]

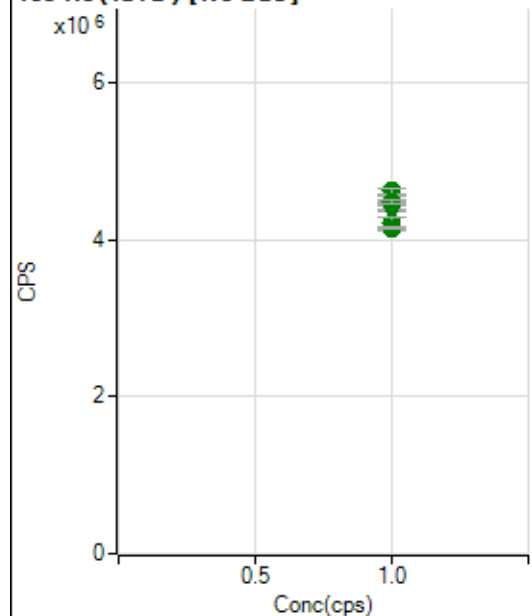
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		665487.86		P	0.3
2	☐	1.000		661551.95		P	0.7
3	☐	1.000		677753.81		P	1.0
4	☐	1.000		678949.12		P	0.4
5	☐	1.000		669723.41		P	1.0
6	☐	1.000		671992.01		P	1.1
7	☐	1.000		666695.02		P	1.2
8	☐	1.000		629424.60		P	3.5

159 Tb (ISTD) [No Gas]

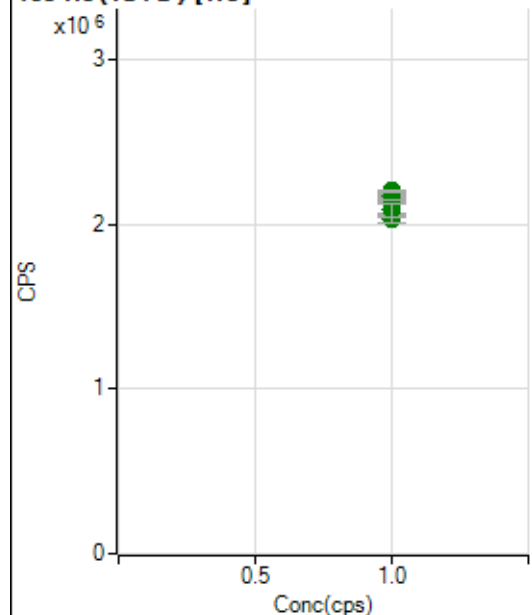
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4410631.88		A	5.1
2	☐	1.000		4448710.04		A	1.2
3	☐	1.000		4736840.97		A	4.8
4	☐	1.000		4636731.63		A	3.1
5	☐	1.000		4609962.05		A	0.2
6	☐	1.000		4861253.88		A	2.8
7	☐	1.000		4807207.05		A	1.7
8	☐	1.000		4564642.99		A	0.4

159 Tb (ISTD) [He]

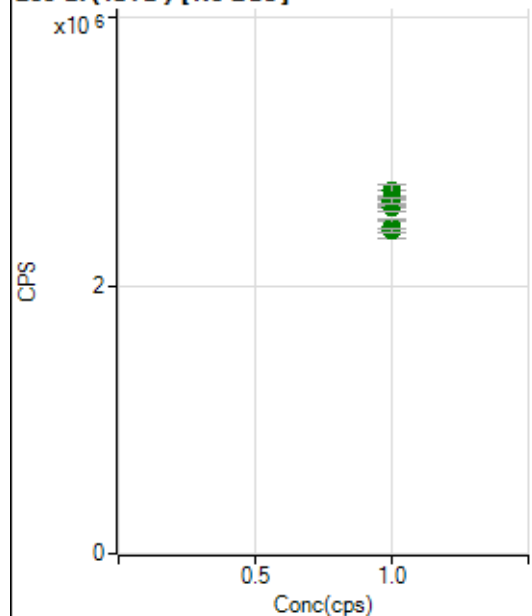
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2076692.94		A	1.6
2	☐	1.000		2048291.15		A	1.5
3	☐	1.000		2146047.59		A	1.6
4	☐	1.000		2130443.04		A	0.9
5	☐	1.000		2096102.00		A	0.7
6	☐	1.000		2167852.61		A	0.4
7	☐	1.000		2198317.16		A	1.2
8	☐	1.000		2106566.57		A	2.7

165 Ho (ISTD) [No Gas]

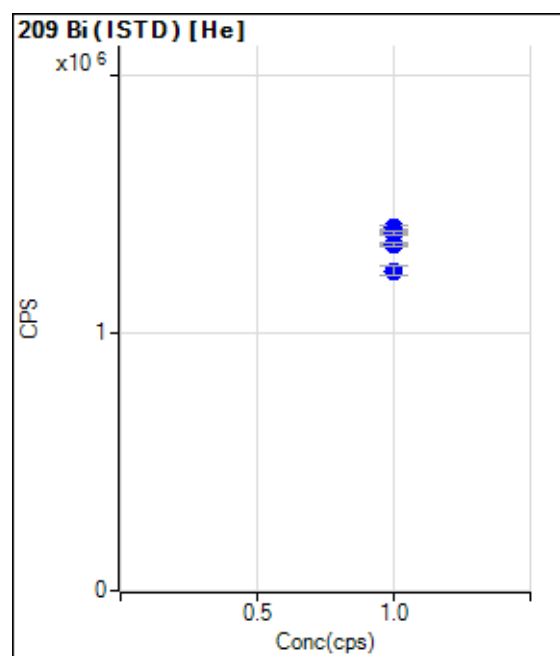
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4212645.36		A	4.2
2	☐	1.000		4155723.01		A	0.8
3	☐	1.000		4469655.00		A	4.9
4	☐	1.000		4445911.82		A	2.1
5	☐	1.000		4469998.75		A	1.4
6	☐	1.000		4521187.30		A	2.1
7	☐	1.000		4626054.36		A	1.2
8	☐	1.000		4487091.77		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2054972.99		A	0.8
2	☐	1.000		2034663.72		A	2.5
3	☐	1.000		2131929.26		A	0.5
4	☐	1.000		2178696.95		A	0.7
5	☐	1.000		2158429.31		A	0.6
6	☐	1.000		2170428.20		A	1.9
7	☐	1.000		2203084.13		A	0.8
8	☐	1.000		2085068.63		A	4.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2421644.15		A	5.4
2	☐	1.000		2445752.57		A	3.8
3	☐	1.000		2648543.05		A	5.0
4	☐	1.000		2579708.71		A	2.0
5	☐	1.000		2621623.04		A	1.7
6	☐	1.000		2706641.28		A	3.2
7	☐	1.000		2633818.68		A	1.4
8	☐	1.000		2412690.76		A	1.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1344850.69		P	0.7
2	☐	1.000		1340178.90		P	1.1
3	☐	1.000		1384752.86		P	0.8
4	☐	1.000		1407661.49		P	0.9
5	☐	1.000		1393023.92		P	0.6
6	☐	1.000		1386948.47		P	0.6
7	☐	1.000		1388056.18		P	1.1
8	☐	1.000		1240961.41		P	3.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8012422 MS.b
Acq. Date-Time 2022-01-24 14:04:07
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		4311	43108.56			1.525	5.000
24		43233	432329.40			0.880	5.000
25		5823	58229.57			0.900	5.000
26		6628	66275.20			0.954	5.000
59		10189	101886.57			1.181	5.000
113		4386	43863.62			1.669	5.000
115		14453	144533.60			0.864	5.000
206		5769	57690.11			1.289	5.000
207		4792	47919.81			1.460	5.000
208		11882	118821.22			1.251	5.000
220		1	12.60			9.881	

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

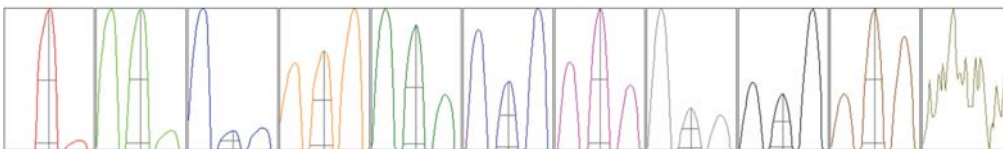
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	4311	4362	4360	4321	4201
24	43119	43721	43442	43181	42703
25	5788	5910	5809	5828	5779
26	6652	6718	6587	6627	6553
59	10160	10255	10276	10263	9990
113	4343	4389	4469	4442	4288
115	14309	14426	14603	14560	14369
206	5729	5745	5894	5774	5704
207	4722	4745	4897	4823	4773
208	11671	11827	12072	11950	11892

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	7562.64	9.00	8.90 - 9.10	
24	73768.12	24.00	23.90 - 24.10	
25	10002.68	25.05	24.90 - 25.10	
26	11420.08	26.00	25.90 - 26.10	
59	18619.07	59.00	58.90 - 59.10	
113	8448.64	113.05	112.90 - 113.10	
115	28126.21	115.05	114.90 - 115.10	
206	10966.30	206.00	205.90 - 206.10	
207	9088.44	207.00	206.90 - 207.10	
208	22762.50	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.738	0.900	
24	0.61	0.784	0.900	
25	0.62	0.785	0.900	
26	0.62	0.783	0.900	
59	0.58	0.736	0.900	
113	0.54	0.729	0.900	
115	0.54	0.728	0.900	
206	0.56	0.779	0.900	
207	0.55	0.751	0.900	
208	0.55	0.742	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode ---

Nebulizer Gas 0.73 L/min

Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.0 V	Deflect	15.8 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	123	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm
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EM

Discriminator	4.1 mV	Analog HV	2291 V	Pulse HV	1613 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		2592	25919.29			0.699	
89		10002	100016.98			0.970	
205		10474	104738.73			0.953	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	2592	2569	2590	2620	2589
89	9964	9945	10078	10127	9894
205	10618	10366	10483	10508	10395

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.0 V	Deflect	4.4 V
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US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm
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EM

Discriminator	4.1 mV	Analog HV	2291 V	Pulse HV	1613 V
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LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:28:24	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	0.40	-0.15	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.01	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.02	0.00	N/A	ppb
Barium	137-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.50	-0.46	-0.04	0.00	N/A	ppb
Boron	11-1	0.49	0.09	-0.59	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.15	0.55	-0.69	0.00	N/A	ppb
Cadmium	108-1	0.72	-0.27	-0.45	0.00	N/A	ppb
Calcium	43-1	0.52	0.05	-0.56	0.00	N/A	ppb
Calcium	44-1	3.32	-1.65	-1.67	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-1	0.03	-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	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.23	0.18	-0.41	0.00	N/A	ppb
Iron	56-2	-0.15	0.24	-0.08	0.00	N/A	ppb
Iron	57-2	1.09	-1.23	0.15	0.00	N/A	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:28:24	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	-0.02	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.04	0.18	-0.22	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.02	-0.02	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.04	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-1.09	-1.82	-52.88	-18.60		ppb
Potassium	39-2	-6.02	5.75	0.27	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-1						cps
Selenium	77-2	-0.44	-0.44	0.87	0.00	N/A	ppb
Selenium	78-2	1.49	-1.03	-0.46	0.00	N/A	ppb
Selenium	82-1	-0.49	1.39	-0.90	0.00	N/A	ppb
Silicon	28-1	0.48	-0.05	-0.43	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.01	0.00	N/A	ppb
Sodium	23-2	0.74	-1.81	1.08	0.00	N/A	ppb
Strontium	86-1	0.08	-0.03	-0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	429.52	-173.38	-400.76	-48.21		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.02	0.02	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:28:24	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.07	0.00	-0.07	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.10	0.18	-0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:31:28	DataFile Name :	003CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.49	18.70	18.13	18.78	3.66	ppb
Antimony	121-1	1.97	1.85	1.77	1.86	5.51	ppb
Arsenic	75-2	0.97	0.98	0.95	0.97	1.50	ppb
Barium	135-1	9.45	9.65	9.65	9.58	1.21	ppb
Barium	137-1	9.71	9.88	9.84	9.81	0.91	ppb
Beryllium	9-1	1.06	1.11	1.08	1.08	2.42	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	6.85	8.55	7.69	7.70	11.07	ppb
Boron	11-1	7.52	8.92	8.21	8.22	8.56	ppb
Bromine	81-1						cps
Cadmium	111-1	1.32	1.35	1.24	1.30	4.46	ppb
Cadmium	106-1	5.58	3.34	2.15	3.69	47.14	ppb
Cadmium	108-1	0.72	0.57	0.37	0.55	31.59	ppb
Calcium	43-1	466.89	470.02	473.08	469.99	0.66	ppb
Calcium	44-1	472.69	468.94	470.60	470.74	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.75	1.85	1.79	1.79	2.67	ppb
Cobalt	59-2	0.94	0.95	1.07	0.99	7.61	ppb
Copper	63-1	2.12	2.10	2.13	2.12	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	47.63	52.58	51.66	50.62	5.21	ppb
Iron	56-2	50.80	51.85	49.46	50.70	2.36	ppb
Iron	57-2	52.17	53.65	54.95	53.59	2.59	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:31:28	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.99	0.96	1.01	0.99	2.76	ppb
Lead	207-1	0.98	0.91	1.00	0.96	4.94	ppb
Lead	208-1	0.98	0.92	0.98	0.96	3.39	ppb
Lithium	6-1				97		%
Magnesium	24-2	499.74	501.44	501.79	500.99	0.22	ppb
Manganese	55-2	1.29	1.10	1.24	1.21	8.41	ppb
Molybdenum	94-1	6.19	6.21	5.87	6.09	3.18	ppb
Molybdenum	95-1	5.05	4.99	5.14	5.06	1.48	ppb
Molybdenum	96-1	5.10	5.00	5.10	5.07	1.14	ppb
Molybdenum	97-1	4.88	4.85	4.88	4.87	0.40	ppb
Molybdenum	98-1	5.22	5.15	4.92	5.10	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.09	1.07	1.08	1.68	ppb
Phosphorus	31-2	-3.97	37.08	22.68	18.60	111.98	ppb
Potassium	39-2	474.65	479.11	478.93	477.56	0.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-1						cps
Selenium	77-2	3.51	3.54	6.18	4.41	34.69	ppb
Selenium	78-2	4.51	5.81	8.55	6.29	32.78	ppb
Selenium	82-1	4.69	5.07	7.28	5.68	24.62	ppb
Silicon	28-1	0.94	0.76	1.02	0.91	14.64	ppb
Silver	107-1	1.03	0.92	0.97	0.97	5.62	ppb
Silver	109-1	1.02	0.97	1.00	1.00	2.60	ppb
Sodium	23-2	470.89	479.88	475.68	475.48	0.95	ppb
Strontium	86-1	0.96	0.91	1.07	0.98	8.47	ppb
Strontium	88-1	1.00	0.96	0.97	0.98	2.33	ppb
Sulfur	34-1	194.72	-70.08	19.99	48.21	279.29	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.82	0.85	0.92	0.86	5.83	ppb
Thallium	205-1	0.95	0.92	0.96	0.94	2.30	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:31:28	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	5.53	5.22	4.85	5.20	6.58	ppb
Titanium	47-1	5.36	4.92	5.45	5.24	5.36	ppb
Uranium	238-1	0.89	0.93	1.01	0.94	6.27	ppb
Vanadium	51-2	4.74	4.98	4.71	4.81	3.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	3.55	2.99	3.14	3.23	9.06	ppb
Zirconium	90-1	0.95	0.92	0.92	0.93	2.08	ppb
Zirconium	91-1	1.01	0.90	0.87	0.93	8.36	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:34:34	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1037.77	1026.26	1029.70	1031.25	0.57	ppb
Antimony	121-1	44.99	49.26	48.39	47.55	4.75	ppb
Arsenic	75-2	52.01	50.14	52.26	51.47	2.25	ppb
Barium	135-1	227.66	251.35	244.37	241.12	5.05	ppb
Barium	137-1	227.82	253.57	252.28	244.55	5.93	ppb
Beryllium	9-1	47.89	52.32	52.66	50.96	5.22	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	36.59	45.32	47.15	43.02	13.11	ppb
Boron	11-1	37.65	46.56	49.30	44.50	13.69	ppb
Bromine	81-1						cps
Cadmium	111-1	47.38	52.60	51.37	50.45	5.40	ppb
Cadmium	106-1	45.02	51.16	51.98	49.38	7.70	ppb
Cadmium	108-1	44.62	50.15	54.71	49.83	10.14	ppb
Calcium	43-1	4590.53	5048.67	5124.39	4921.20	5.87	ppb
Calcium	44-1	4492.08	4992.62	4967.72	4817.47	5.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.59	48.89	49.93	49.47	1.07	ppb
Cobalt	59-2	50.80	49.21	49.95	49.99	1.60	ppb
Copper	63-1	487.14	520.44	517.02	508.20	3.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	2714.42	2625.55	2586.19	2642.05	2.49	ppb
Iron	56-2	2675.83	2693.58	2637.37	2668.93	1.08	ppb
Iron	57-2	2564.96	2595.63	2554.53	2571.71	0.83	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:34:34	DataFile Name :	004CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	212.25	230.26	237.68	226.73	5.77	ppb
Lead	207-1	218.99	234.82	239.75	231.19	4.69	ppb
Lead	208-1	214.73	234.52	239.53	229.59	5.71	ppb
Lithium	6-1				104		%
Magnesium	24-2	5299.68	5180.96	5203.02	5227.89	1.21	ppb
Manganese	55-2	502.62	488.16	492.14	494.30	1.51	ppb
Molybdenum	94-1	509.28	571.05	551.76	544.03	5.81	ppb
Molybdenum	95-1	511.93	564.10	555.61	543.88	5.15	ppb
Molybdenum	96-1	507.11	557.57	550.53	538.41	5.08	ppb
Molybdenum	97-1	512.71	583.73	557.32	551.25	6.51	ppb
Molybdenum	98-1	522.00	587.10	583.43	564.18	6.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.60	51.46	52.09	52.05	1.10	ppb
Phosphorus	31-2	1092.69	933.06	968.60	998.12	8.40	ppb
Potassium	39-2	2596.13	2505.51	2563.48	2555.04	1.80	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-1						cps
Selenium	77-2	54.72	46.43	46.43	49.20	9.72	ppb
Selenium	78-2	50.42	51.08	55.22	52.24	4.98	ppb
Selenium	82-1	47.00	53.98	50.92	50.63	6.91	ppb
Silicon	28-1	47.32	54.08	53.55	51.65	7.28	ppb
Silver	107-1	45.34	51.03	50.81	49.06	6.57	ppb
Silver	109-1	45.77	51.11	50.74	49.20	6.06	ppb
Sodium	23-2	5365.34	5176.17	5180.81	5240.77	2.06	ppb
Strontium	86-1	468.12	519.86	494.89	494.29	5.24	ppb
Strontium	88-1	453.48	525.35	489.21	489.35	7.34	ppb
Sulfur	34-1	-676.29	560.98	377.00	87.23	765.34	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	43.40	46.58	48.63	46.20	5.70	ppb
Thallium	205-1	43.92	48.30	48.98	47.07	5.83	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:34:34	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	47.05	50.10	51.72	49.63	4.78	ppb
Titanium	47-1	510.17	556.96	553.58	540.24	4.83	ppb
Uranium	238-1	43.14	46.30	47.74	45.72	5.14	ppb
Vanadium	51-2	51.13	50.78	50.03	50.65	1.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	506.48	507.13	508.74	507.45	0.23	ppb
Zirconium	90-1	45.15	50.42	49.94	48.50	6.00	ppb
Zirconium	91-1	44.22	50.47	48.84	47.84	6.77	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:37:37	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2576.98	2589.73	2550.80	2572.50	0.77	ppb
Antimony	121-1	134.62	128.35	122.66	128.54	4.65	ppb
Arsenic	75-2	133.34	127.25	127.42	129.34	2.68	ppb
Barium	135-1	653.96	648.66	616.48	639.70	3.17	ppb
Barium	137-1	677.57	637.57	632.60	649.25	3.80	ppb
Beryllium	9-1	127.57	130.67	126.98	128.41	1.54	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	103.47	118.31	121.01	114.26	8.27	ppb
Boron	11-1	110.87	125.34	126.63	120.95	7.24	ppb
Bromine	81-1						cps
Cadmium	111-1	135.28	133.26	129.36	132.63	2.27	ppb
Cadmium	106-1	140.11	125.96	133.08	133.05	5.32	ppb
Cadmium	108-1	142.96	128.92	135.48	135.79	5.17	ppb
Calcium	43-1	12975.94	13004.02	13018.09	12999.35	0.17	ppb
Calcium	44-1	13288.88	12914.63	13241.51	13148.34	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.09	124.20	125.26	124.51	0.52	ppb
Cobalt	59-2	126.60	125.91	126.69	126.40	0.34	ppb
Copper	63-1	1337.04	1319.98	1330.44	1329.15	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	6715.27	6750.13	6681.98	6715.79	0.51	ppb
Iron	56-2	6646.45	6646.74	6616.07	6636.42	0.27	ppb
Iron	57-2	6433.31	6433.96	6513.24	6460.17	0.71	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:37:37	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	655.10	658.43	631.52	648.35	2.26	ppb
Lead	207-1	622.57	623.66	591.25	612.49	3.00	ppb
Lead	208-1	647.80	645.08	631.01	641.30	1.41	ppb
Lithium	6-1				105		%
Magnesium	24-2	13720.10	13514.21	13545.93	13593.41	0.82	ppb
Manganese	55-2	1236.82	1238.68	1240.45	1238.65	0.15	ppb
Molybdenum	94-1	1463.55	1490.27	1483.08	1478.97	0.93	ppb
Molybdenum	95-1	1486.23	1488.45	1418.12	1464.26	2.73	ppb
Molybdenum	96-1	1481.83	1446.01	1474.02	1467.29	1.28	ppb
Molybdenum	97-1	1480.14	1428.99	1482.64	1463.92	2.07	ppb
Molybdenum	98-1	1468.38	1429.22	1477.43	1458.34	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.97	133.08	131.61	132.22	0.58	ppb
Phosphorus	31-2	2558.77	2630.44	2631.37	2606.86	1.60	ppb
Potassium	39-2	6407.88	6449.69	6413.47	6423.68	0.35	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-1						cps
Selenium	77-2	133.32	138.75	123.21	131.76	5.99	ppb
Selenium	78-2	131.82	138.06	133.27	134.38	2.43	ppb
Selenium	82-1	131.27	134.86	133.70	133.28	1.38	ppb
Silicon	28-1	133.12	132.37	132.72	132.74	0.28	ppb
Silver	107-1	133.49	128.87	121.40	127.92	4.77	ppb
Silver	109-1	135.44	133.38	125.69	131.50	3.91	ppb
Sodium	23-2	13247.80	13264.59	12918.48	13143.62	1.48	ppb
Strontium	86-1	1365.95	1306.45	1347.78	1340.06	2.28	ppb
Strontium	88-1	1287.97	1322.40	1298.79	1303.05	1.35	ppb
Sulfur	34-1	2173.71	1992.18	1897.98	2021.29	6.93	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	125.87	123.93	120.83	123.54	2.06	ppb
Thallium	205-1	128.27	125.34	122.83	125.48	2.17	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:37:37	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	135.36	130.21	128.65	131.41	2.67	ppb
Titanium	47-1	1443.54	1417.95	1432.74	1431.41	0.90	ppb
Uranium	238-1	126.17	123.68	124.89	124.92	1.00	ppb
Vanadium	51-2	130.00	129.68	128.73	129.47	0.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1284.30	1269.73	1295.73	1283.25	1.02	ppb
Zirconium	90-1	128.78	131.00	128.54	129.44	1.05	ppb
Zirconium	91-1	130.14	129.39	126.29	128.61	1.59	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:40:43	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5122.96	5121.06	5081.91	5108.64	0.45	ppb
Antimony	121-1	250.32	253.23	250.31	251.29	0.67	ppb
Arsenic	75-2	255.72	253.99	255.47	255.06	0.37	ppb
Barium	135-1	1243.59	1262.39	1249.67	1251.88	0.77	ppb
Barium	137-1	1307.53	1275.92	1339.01	1307.49	2.41	ppb
Beryllium	9-1	245.52	252.80	252.24	250.19	1.62	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	216.48	242.96	248.98	236.14	7.32	ppb
Boron	11-1	223.24	246.50	263.12	244.29	8.20	ppb
Bromine	81-1						cps
Cadmium	111-1	253.57	263.05	256.70	257.77	1.87	ppb
Cadmium	106-1	253.24	255.97	257.48	255.56	0.84	ppb
Cadmium	108-1	253.79	242.83	266.86	254.49	4.73	ppb
Calcium	43-1	24551.41	25147.02	26360.35	25352.93	3.64	ppb
Calcium	44-1	24972.43	25012.91	25144.58	25043.30	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249.36	248.58	248.26	248.73	0.23	ppb
Cobalt	59-2	248.70	248.40	246.55	247.88	0.47	ppb
Copper	63-1	2506.84	2497.65	2624.67	2543.05	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	13193.02	13117.55	13182.72	13164.43	0.31	ppb
Iron	56-2	13224.65	13191.85	13449.96	13288.82	1.06	ppb
Iron	57-2	12714.10	12933.65	12747.27	12798.34	0.92	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:40:43	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1207.73	1212.79	1256.87	1225.80	2.21	ppb
Lead	207-1	1226.25	1252.48	1239.76	1239.50	1.06	ppb
Lead	208-1	1214.73	1233.89	1241.97	1230.20	1.14	ppb
Lithium	6-1				105		%
Magnesium	24-2	26808.23	26986.45	26564.87	26786.52	0.79	ppb
Manganese	55-2	2567.11	2546.76	2545.50	2553.12	0.48	ppb
Molybdenum	94-1	2801.94	2802.77	2750.46	2785.06	1.08	ppb
Molybdenum	95-1	2751.67	2766.73	2755.84	2758.08	0.28	ppb
Molybdenum	96-1	2780.76	2767.73	2719.32	2755.94	1.17	ppb
Molybdenum	97-1	2789.81	2739.07	2759.76	2762.88	0.92	ppb
Molybdenum	98-1	2761.84	2708.74	2723.68	2731.42	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.24	258.22	258.65	258.37	0.09	ppb
Phosphorus	31-2	5150.50	5036.46	5270.65	5152.54	2.27	ppb
Potassium	39-2	12629.02	12638.29	12549.94	12605.75	0.39	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-1						cps
Selenium	77-2	253.61	247.68	243.32	248.20	2.08	ppb
Selenium	78-2	266.59	256.95	263.30	262.28	1.87	ppb
Selenium	82-1	255.90	251.29	252.49	253.23	0.94	ppb
Silicon	28-1	251.82	263.11	265.73	260.22	2.84	ppb
Silver	107-1	246.31	256.27	258.49	253.69	2.56	ppb
Silver	109-1	257.93	257.07	255.34	256.78	0.51	ppb
Sodium	23-2	25963.52	25517.12	25824.09	25768.24	0.89	ppb
Strontium	86-1	2513.25	2488.47	2494.91	2498.87	0.51	ppb
Strontium	88-1	2478.54	2457.80	2467.94	2468.09	0.42	ppb
Sulfur	34-1	3715.50	4210.32	4883.72	4269.85	13.73	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	239.95	228.75	241.59	236.77	2.95	ppb
Thallium	205-1	246.17	245.63	252.79	248.20	1.61	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:40:43	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	254.65	253.89	260.04	256.19	1.31	ppb
Titanium	47-1	2734.70	2750.22	2835.74	2773.55	1.96	ppb
Uranium	238-1	252.85	253.52	252.16	252.84	0.27	ppb
Vanadium	51-2	253.70	254.26	254.74	254.23	0.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	2537.43	2529.52	2558.04	2541.67	0.58	ppb
Zirconium	90-1	253.44	255.30	254.21	254.32	0.37	ppb
Zirconium	91-1	245.66	249.71	241.57	245.65	1.66	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:43:47	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9988.33	10029.83	10111.48	10043.21	0.62	ppb
Antimony	121-1	493.14	481.18	502.71	492.35	2.19	ppb
Arsenic	75-2	503.00	504.78	497.51	501.76	0.76	ppb
Barium	135-1	2487.60	2402.85	2486.78	2459.08	1.98	ppb
Barium	137-1	2519.21	2385.86	2527.17	2477.41	3.20	ppb
Beryllium	9-1	503.23	493.23	492.55	496.34	1.20	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	468.27	487.73	512.28	489.43	4.51	ppb
Boron	11-1	480.12	506.01	526.98	504.37	4.65	ppb
Bromine	81-1						cps
Cadmium	111-1	490.78	481.48	510.04	494.10	2.95	ppb
Cadmium	106-1	481.89	470.74	516.21	489.62	4.84	ppb
Cadmium	108-1	498.35	480.54	492.14	490.34	1.84	ppb
Calcium	43-1	48592.20	49563.29	48669.96	48941.82	1.10	ppb
Calcium	44-1	48705.88	49568.79	48764.64	49013.10	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478.30	483.92	489.83	484.02	1.19	ppb
Cobalt	59-2	479.76	491.29	496.31	489.12	1.74	ppb
Copper	63-1	4877.06	4889.50	4894.87	4887.14	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	26978.29	27032.60	27046.36	27019.09	0.13	ppb
Iron	56-2	25482.71	25659.53	26498.72	25880.32	2.10	ppb
Iron	57-2	24659.08	25089.05	25322.16	25023.43	1.34	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:43:47	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2445.43	2382.76	2483.88	2437.35	2.09	ppb
Lead	207-1	2420.97	2366.14	2479.23	2422.12	2.33	ppb
Lead	208-1	2447.62	2417.98	2481.28	2448.96	1.29	ppb
Lithium	6-1				106		%
Magnesium	24-2	52301.29	53249.60	53573.10	53041.33	1.25	ppb
Manganese	55-2	4936.20	4991.46	5049.04	4992.23	1.13	ppb
Molybdenum	94-1	5424.16	5623.97	5438.58	5495.57	2.03	ppb
Molybdenum	95-1	5368.78	5631.53	5509.71	5503.34	2.39	ppb
Molybdenum	96-1	5349.10	5632.86	5466.21	5482.72	2.60	ppb
Molybdenum	97-1	5514.52	5575.36	5380.37	5490.08	1.82	ppb
Molybdenum	98-1	5473.66	5603.73	5529.61	5535.66	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.15	510.55	514.58	508.76	1.35	ppb
Phosphorus	31-2	9885.98	9916.12	10384.79	10062.29	2.78	ppb
Potassium	39-2	25497.17	25623.03	25893.16	25671.12	0.79	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-1						cps
Selenium	77-2	507.30	522.77	481.52	503.86	4.14	ppb
Selenium	78-2	500.43	520.42	506.41	509.09	2.02	ppb
Selenium	82-1	500.44	515.18	502.80	506.14	1.57	ppb
Silicon	28-1	492.97	504.52	498.60	498.70	1.16	ppb
Silver	107-1	511.82	486.41	496.21	498.15	2.57	ppb
Silver	109-1	485.99	479.68	522.12	495.93	4.62	ppb
Sodium	23-2	50224.78	50975.12	51297.57	50832.49	1.08	ppb
Strontium	86-1	4871.27	4909.82	5028.51	4936.53	1.66	ppb
Strontium	88-1	4909.94	4946.90	4905.06	4920.63	0.46	ppb
Sulfur	34-1	8806.07	9192.81	8911.82	8970.23	2.23	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	458.91	475.71	482.18	472.27	2.54	ppb
Thallium	205-1	482.33	473.10	497.44	484.29	2.54	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:43:47	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	492.50	487.27	501.61	493.79	1.47	ppb
Titanium	47-1	5420.20	5446.36	5400.85	5422.47	0.42	ppb
Uranium	238-1	480.44	483.38	494.55	486.12	1.53	ppb
Vanadium	51-2	493.63	501.63	509.78	501.68	1.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	4891.68	4897.11	5001.01	4929.93	1.25	ppb
Zirconium	90-1	492.68	501.39	496.85	496.97	0.88	ppb
Zirconium	91-1	480.45	495.41	488.27	488.04	1.53	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:46:52	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19946.07	19810.00	20046.63	19934.23	0.60	ppb
Antimony	121-1	992.80	995.80	1020.96	1003.19	1.54	ppb
Arsenic	75-2	995.35	1007.56	988.80	997.24	0.95	ppb
Barium	135-1	5023.47	4939.83	5092.49	5018.60	1.52	ppb
Barium	137-1	5081.79	4833.10	5067.60	4994.16	2.80	ppb
Beryllium	9-1	1064.66	980.23	959.04	1001.31	5.58	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	1012.84	1010.65	1009.13	1010.87	0.18	ppb
Boron	11-1	997.12	1010.81	993.40	1000.44	0.92	ppb
Bromine	81-1						cps
Cadmium	111-1	1008.61	985.14	1006.34	1000.03	1.29	ppb
Cadmium	106-1	981.05	995.90	1031.52	1002.82	2.59	ppb
Cadmium	108-1	994.11	990.27	1022.71	1002.37	1.77	ppb
Calcium	43-1	107215.83	104857.29	103321.05	105131.39	1.87	ppb
Calcium	44-1	104421.30	101319.34	98354.56	101365.07	2.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1012.46	996.46	1016.25	1008.39	1.04	ppb
Cobalt	59-2	1007.07	1001.78	1008.54	1005.80	0.35	ppb
Copper	63-1	10102.13	10126.32	9877.64	10035.36	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	54098.24	53792.00	54332.10	54074.11	0.50	ppb
Iron	56-2	50845.78	51856.83	51909.62	51537.41	1.16	ppb
Iron	57-2	49579.38	49918.07	49566.36	49687.94	0.40	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:46:52	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5126.20	4900.67	5079.99	5035.62	2.37	ppb
Lead	207-1	5071.66	4944.94	5115.62	5044.07	1.76	ppb
Lead	208-1	5064.51	4978.78	5045.07	5029.46	0.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	104095.01	102163.23	103364.95	103207.73	0.95	ppb
Manganese	55-2	9865.50	10142.97	9968.45	9992.31	1.40	ppb
Molybdenum	94-1	11355.19	10924.04	10663.03	10980.75	3.18	ppb
Molybdenum	95-1	11257.24	10933.44	10765.69	10985.46	2.27	ppb
Molybdenum	96-1	11188.41	11043.60	10756.58	10996.20	2.00	ppb
Molybdenum	97-1	11159.50	11013.80	10798.38	10990.56	1.65	ppb
Molybdenum	98-1	11195.70	10961.66	10769.70	10975.69	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.42	994.66	991.48	992.52	0.19	ppb
Phosphorus	31-2	20018.08	19844.94	19889.35	19917.46	0.45	ppb
Potassium	39-2	49723.12	49468.78	50875.24	50022.38	1.50	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-1						cps
Selenium	77-2	1033.83	960.36	998.97	997.72	3.68	ppb
Selenium	78-2	977.41	1017.35	978.52	991.10	2.29	ppb
Selenium	82-1	1020.74	984.63	979.79	995.05	2.25	ppb
Silicon	28-1	1010.40	1000.44	980.57	997.14	1.52	ppb
Silver	107-1	982.81	1013.65	1002.60	999.68	1.56	ppb
Silver	109-1	1027.45	972.03	999.22	999.57	2.77	ppb
Sodium	23-2	101515.13	100263.50	101020.75	100933.13	0.62	ppb
Strontium	86-1	10157.19	9892.53	10013.40	10021.04	1.32	ppb
Strontium	88-1	10251.33	9838.60	10034.75	10041.56	2.06	ppb
Sulfur	34-1	21408.55	20530.16	20469.99	20802.90	2.53	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	1027.24	1017.12	1008.27	1017.55	0.93	ppb
Thallium	205-1	1023.97	993.15	1008.05	1008.39	1.53	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:46:52	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	985.67	994.21	1022.43	1000.77	1.92	ppb
Titanium	47-1	11163.55	11037.09	10878.29	11026.31	1.30	ppb
Uranium	238-1	1017.00	994.46	1007.90	1006.45	1.13	ppb
Vanadium	51-2	997.58	990.86	1004.09	997.51	0.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	9914.78	9960.58	10184.91	10020.09	1.44	ppb
Zirconium	90-1	1043.12	993.07	963.67	999.95	4.02	ppb
Zirconium	91-1	1043.75	1005.82	970.60	1006.72	3.63	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:49:56	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104351.70	101607.91	94044.21	100001.28	5.34	ppb
Antimony	121-1	0.87	1.00	0.87	0.91	7.96	ppb
Arsenic	75-2	0.42	0.44	0.42	0.43	2.64	ppb
Barium	135-1	3.97	2.72	2.22	2.97	30.28	ppb
Barium	137-1	5.45	2.87	2.22	3.51	48.55	ppb
Beryllium	9-1	1.09	0.72	0.66	0.83	28.25	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	10-1	161.40	153.39	138.90	151.23	7.54	ppb
Boron	11-1	164.13	154.49	142.97	153.86	6.88	ppb
Bromine	81-1						cps
Cadmium	111-1	0.73	0.51	0.41	0.55	29.15	ppb
Cadmium	106-1	2.43	2.14	2.32	2.30	6.36	ppb
Cadmium	108-1	0.98	1.41	0.41	0.93	53.25	ppb
Calcium	43-1	481355.74	502851.00	512943.95	499050.23	3.23	ppb
Calcium	44-1	480295.36	510367.23	508764.88	499809.16	3.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.24	2.17	2.00	2.14	5.76	ppb
Cobalt	59-2	2.36	2.37	2.28	2.34	2.17	ppb
Copper	63-1	25.15	24.88	23.77	24.60	2.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	259475.91	251089.37	236245.66	248936.98	4.73	ppb
Iron	56-2	259966.07	250370.12	238324.90	249553.70	4.35	ppb
Iron	57-2	262444.11	254349.75	233323.68	250039.18	6.01	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:49:56	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.36	3.77	2.94	3.69	19.30	ppb
Lead	207-1	5.73	3.85	3.29	4.29	29.80	ppb
Lead	208-1	4.57	4.11	3.11	3.93	18.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	524513.21	507280.43	465012.50	498935.38	6.14	ppb
Manganese	55-2	6.56	6.61	6.38	6.52	1.83	ppb
Molybdenum	94-1	8.49	5.99	4.48	6.32	32.04	ppb
Molybdenum	95-1	6.69	5.26	3.59	5.18	29.95	ppb
Molybdenum	96-1	10.50	7.18	6.17	7.95	28.54	ppb
Molybdenum	97-1	7.29	5.05	3.59	5.31	35.08	ppb
Molybdenum	98-1	5.59	4.99	3.73	4.77	19.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.02	2.73	2.38	2.71	11.68	ppb
Phosphorus	31-2	-15.27	-29.16	-39.28	-27.90		ppb
Potassium	39-2	264105.20	251386.95	234262.67	249918.28	5.99	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-1						cps
Selenium	77-2	0.92	-0.44	-0.44	0.02	4675.91	ppb
Selenium	78-2	-1.17	0.72	0.32	-0.04		ppb
Selenium	82-1	2.44	3.46	2.30	2.74	23.17	ppb
Silicon	28-1	28.32	31.35	32.58	30.75	7.13	ppb
Silver	107-1	0.37	0.39	0.32	0.36	10.19	ppb
Silver	109-1	0.37	0.36	0.32	0.35	7.23	ppb
Sodium	23-2	525486.98	503866.08	469666.65	499673.24	5.63	ppb
Strontium	86-1	11.09	9.55	8.07	9.57	15.77	ppb
Strontium	88-1	10.36	9.98	8.05	9.46	13.12	ppb
Sulfur	34-1	-1197.51	-1312.35	-1013.07	-1174.31		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.48	0.32	0.27	0.36	30.59	ppb
Thallium	205-1	0.48	0.38	0.30	0.39	23.93	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:49:56	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	1.15	0.68	0.64	0.82	34.52	ppb
Titanium	47-1	5.25	3.61	2.91	3.92	30.58	ppb
Uranium	238-1	0.58	0.44	0.27	0.43	36.00	ppb
Vanadium	51-2	0.36	0.38	0.31	0.35	10.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	27.59	26.11	24.36	26.02	6.22	ppb
Zirconium	90-1	1.02	0.83	0.56	0.80	28.67	ppb
Zirconium	91-1	1.00	0.74	0.63	0.79	23.77	ppb

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : ICV97 Instrumnet Name : P8
 Client Sample ID : ICV97 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 15:00:27 DataFile Name : 010ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	516.52	514.19	518.10	516.27	0.38	ppb
Antimony	121-1	204.74	212.16	215.63	210.84	2.64	ppb
Arsenic	75-2	222.54	224.30	223.61	223.48	0.40	ppb
Barium	135-1	103.36	107.28	110.63	107.09	3.40	ppb
Barium	137-1	107.93	114.64	111.27	111.28	3.02	ppb
Beryllium	9-1	111.33	108.15	112.45	110.64	2.02	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	38.58	36.93	41.32	38.94	5.69	ppb
Boron	11-1	39.47	38.76	41.72	39.98	3.87	ppb
Bromine	81-1						cps
Cadmium	111-1	110.42	111.82	112.23	111.49	0.85	ppb
Cadmium	106-1	88.04	95.78	91.22	91.68	4.24	ppb
Cadmium	108-1	94.92	99.47	96.79	97.06	2.36	ppb
Calcium	43-1	2002.60	2055.79	2161.59	2073.33	3.90	ppb
Calcium	44-1	2056.81	2055.74	2166.13	2092.89	3.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.34	104.53	106.68	106.18	1.39	ppb
Cobalt	59-2	107.80	105.85	108.31	107.32	1.21	ppb
Copper	63-1	105.89	106.91	112.88	108.56	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	2248.71	2214.57	2282.78	2248.69	1.52	ppb
Iron	56-2	2246.21	2269.38	2274.47	2263.35	0.67	ppb
Iron	57-2	2177.08	2168.02	2165.71	2170.27	0.28	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICV97	Instrumnet Name :	P8
Client Sample ID :	ICV97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:00:27	DataFile Name :	010ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	213.20	212.24	231.48	218.97	4.95	ppb
Lead	207-1	205.06	208.15	223.20	212.14	4.58	ppb
Lead	208-1	211.21	210.77	228.30	216.76	4.61	ppb
Lithium	6-1				97		%
Magnesium	24-2	1267.99	1276.24	1287.78	1277.33	0.78	ppb
Manganese	55-2	104.83	103.35	106.15	104.78	1.34	ppb
Molybdenum	94-1	0.62	0.51	0.56	0.56	10.05	ppb
Molybdenum	95-1	0.55	0.53	0.63	0.57	9.02	ppb
Molybdenum	96-1	0.62	0.56	0.50	0.56	11.15	ppb
Molybdenum	97-1	0.53	0.68	0.59	0.60	12.29	ppb
Molybdenum	98-1	0.57	0.50	0.63	0.57	10.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.71	113.17	111.38	113.08	1.47	ppb
Phosphorus	31-2	-2.23	-54.03	-29.55	-28.60		ppb
Potassium	39-2	2102.37	2130.11	2079.46	2103.98	1.21	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-1						cps
Selenium	77-2	235.74	234.69	184.87	218.43	13.31	ppb
Selenium	78-2	234.04	233.37	237.98	235.13	1.06	ppb
Selenium	82-1	226.21	224.00	235.57	228.59	2.69	ppb
Silicon	28-1	0.51	0.62	1.45	0.86	60.05	ppb
Silver	107-1	49.92	52.73	54.29	52.31	4.24	ppb
Silver	109-1	52.24	53.83	53.46	53.17	1.56	ppb
Sodium	23-2	2142.70	2086.55	2159.35	2129.53	1.79	ppb
Strontium	86-1	0.39	0.35	0.45	0.40	12.27	ppb
Strontium	88-1	0.44	0.42	0.45	0.44	3.78	ppb
Sulfur	34-1	-535.87	-618.42	188.43	-321.95		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	211.38	206.78	225.57	214.58	4.56	ppb
Thallium	205-1	222.88	214.25	239.74	225.62	5.75	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICV97	Instrumnet Name :	P8
Client Sample ID :	ICV97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:00:27	DataFile Name :	010ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.32	0.39	0.32	0.34	11.65	ppb
Titanium	47-1	0.60	0.55	0.58	0.58	4.46	ppb
Uranium	238-1	0.06	0.07	0.07	0.07	11.72	ppb
Vanadium	51-2	107.60	106.66	106.76	107.01	0.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	217.63	216.71	219.86	218.07	0.74	ppb
Zirconium	90-1	0.08	0.06	0.11	0.08	30.21	ppb
Zirconium	91-1	0.13	0.11	0.14	0.13	10.46	ppb

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : ICB97 Instrumnet Name : P8
 Client Sample ID : ICB97 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 15:12:19 DataFile Name : 011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	-0.11	0.30	0.05	407.89	ppb
Antimony	121-1	0.03	0.03	0.04	0.04	10.37	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.03	0.00	-0.01	0.01	223.74	ppb
Barium	137-1	0.01	0.00	-0.03	-0.01		ppb
Beryllium	9-1	0.02	0.04	0.03	0.03	38.50	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	21.03	19.01	19.24	19.76	5.60	ppb
Boron	11-1	22.84	19.78	20.11	20.91	8.03	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	0.09	0.04	0.01	897.30	ppb
Cadmium	106-1	-1.10	0.98	0.10	0.00		ppb
Cadmium	108-1	-0.18	-0.01	-0.33	-0.17		ppb
Calcium	43-1	3.73	-1.56	3.08	1.75	164.68	ppb
Calcium	44-1	-1.63	-2.07	-3.79	-2.50		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.01	-0.06	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	40046.12	ppb
Copper	63-1	0.12	0.07	0.08	0.09	27.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	-0.49	-0.24	-1.23	-0.65		ppb
Iron	56-2	0.63	0.23	0.41	0.42	46.83	ppb
Iron	57-2	0.21	1.17	0.21	0.53	104.01	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICB97	Instrumnet Name :	P8
Client Sample ID :	ICB97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:12:19	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.04	0.03	25.66	ppb
Lead	207-1	0.02	-0.01	0.02	0.01	132.80	ppb
Lead	208-1	0.01	0.00	0.01	0.01	77.20	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.91	-0.31	1.59	0.12	1047.79	ppb
Manganese	55-2	0.04	0.03	0.03	0.03	4.62	ppb
Molybdenum	94-1	0.00	0.01	0.00	0.00	192.37	ppb
Molybdenum	95-1	0.01	-0.02	0.01	0.00		ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	37.16	ppb
Molybdenum	97-1	0.05	0.02	0.01	0.03	66.55	ppb
Molybdenum	98-1	0.03	0.00	0.02	0.02	89.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.08	-0.06	-0.05		ppb
Phosphorus	31-2	-46.15	-29.14	-29.92	-35.07		ppb
Potassium	39-2	3.30	2.80	-1.90	1.40	205.17	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-1						cps
Selenium	77-2	-0.44	-0.44	-0.44	-0.44		ppb
Selenium	78-2	0.63	1.49	-0.92	0.40	305.38	ppb
Selenium	82-1	-1.09	2.53	-0.40	0.35	555.96	ppb
Silicon	28-1	0.03	-0.08	-0.31	-0.12		ppb
Silver	107-1	0.01	0.00	0.01	0.01	99.96	ppb
Silver	109-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	8.44	8.72	9.35	8.84	5.30	ppb
Strontium	86-1	0.12	0.09	0.02	0.08	65.26	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	63.28	ppb
Sulfur	34-1	-217.32	-422.35	-492.43	-377.37		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	-0.04	-0.05	-0.07	-0.06		ppb
Thallium	205-1	-0.06	-0.05	-0.05	-0.05		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICB97	Instrumnet Name :	P8
Client Sample ID :	ICB97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:12:19	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.05	0.01	0.06	0.04	68.15	ppb
Titanium	47-1	0.03	0.08	-0.04	0.02	247.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	252.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	1.11	0.90	0.42	0.81	43.92	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	269.51	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	76.42	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICSA97	Instrumnet Name :	P8
Client Sample ID :	ICSA97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:15:24	DataFile Name :	012ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95150.50	93027.67	100469.32	96215.83	3.98	ppb
Antimony	121-1	1.22	1.21	1.23	1.22	0.63	ppb
Arsenic	75-2	0.41	0.39	0.27	0.36	20.73	ppb
Barium	135-1	1.14	1.39	1.43	1.32	12.01	ppb
Barium	137-1	1.33	1.31	1.52	1.39	8.33	ppb
Beryllium	9-1	0.29	0.28	0.32	0.30	7.53	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	19.94	18.73	18.96	19.21	3.37	ppb
Boron	11-1	19.56	20.30	18.86	19.57	3.68	ppb
Bromine	81-1						cps
Cadmium	111-1	0.30	0.34	0.33	0.32	6.37	ppb
Cadmium	106-1	0.09	0.91	-0.24	0.25	234.90	ppb
Cadmium	108-1	9.59	8.81	7.66	8.69	11.14	ppb
Calcium	43-1	96212.22	97751.31	96936.63	96966.72	0.79	ppb
Calcium	44-1	96332.80	96761.08	96884.08	96659.32	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.35	18.37	20.09	18.93	5.27	ppb
Cobalt	59-2	1.11	1.13	1.11	1.12	0.70	ppb
Copper	63-1	10.21	10.32	10.29	10.27	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	100806.69	101703.01	107671.89	103393.86	3.61	ppb
Iron	56-2	99543.02	99820.12	107969.67	102444.27	4.67	ppb
Iron	57-2	100505.61	101728.78	109350.67	103861.69	4.61	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICSA97	Instrumnet Name :	P8
Client Sample ID :	ICSA97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:15:24	DataFile Name :	012ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.38	4.18	4.43	4.33	3.03	ppb
Lead	207-1	3.86	3.87	3.89	3.87	0.29	ppb
Lead	208-1	4.05	4.01	4.08	4.05	0.81	ppb
Lithium	6-1				104		%
Magnesium	24-2	95817.10	97738.62	103889.18	99148.30	4.25	ppb
Manganese	55-2	6.83	6.94	7.30	7.02	3.50	ppb
Molybdenum	94-1	1648.44	1623.27	1575.87	1615.86	2.28	ppb
Molybdenum	95-1	1971.89	1919.46	1902.77	1931.38	1.87	ppb
Molybdenum	96-1	1923.35	1896.68	1865.66	1895.23	1.52	ppb
Molybdenum	97-1	1935.75	1949.00	1890.98	1925.24	1.58	ppb
Molybdenum	98-1	1891.99	1910.80	1917.09	1906.63	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.22	5.31	5.47	5.33	2.37	ppb
Phosphorus	31-2	97505.00	97492.06	104805.16	99934.07	4.22	ppb
Potassium	39-2	95359.31	97562.80	103795.51	98905.88	4.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-1						cps
Selenium	77-2	-0.44	0.86	-0.44	0.00		ppb
Selenium	78-2	-0.81	-1.09	0.40	-0.50		ppb
Selenium	82-1	0.54	1.61	-0.69	0.49	235.56	ppb
Silicon	28-1	0.89	1.08	0.94	0.97	10.42	ppb
Silver	107-1	0.03	0.05	0.04	0.04	26.96	ppb
Silver	109-1	0.04	0.02	0.02	0.03	32.49	ppb
Sodium	23-2	96590.97	98825.18	106959.70	100791.95	5.41	ppb
Strontium	86-1	33.88	33.23	33.81	33.64	1.07	ppb
Strontium	88-1	33.47	33.38	33.42	33.42	0.14	ppb
Sulfur	34-1	81071.81	81533.45	81411.99	81339.08	0.29	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICSA97	Instrumnet Name :	P8
Client Sample ID :	ICSA97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:15:24	DataFile Name :	012ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.14	0.16	0.21	0.17	22.55	ppb
Titanium	47-1	1943.32	1983.07	1958.83	1961.74	1.02	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	23.04	ppb
Vanadium	51-2	0.12	0.12	0.16	0.13	17.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	11.27	10.52	11.65	11.15	5.17	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	25.46	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	24.93	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICSAB97	Instrumnet Name :	P8
Client Sample ID :	ICSAB97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:18:20	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95797.91	95890.93	95560.76	95749.87	0.18	ppb
Antimony	121-1	20.68	20.30	20.16	20.38	1.32	ppb
Arsenic	75-2	20.46	21.37	19.75	20.53	3.95	ppb
Barium	135-1	20.72	20.63	21.65	21.00	2.68	ppb
Barium	137-1	21.65	20.97	20.63	21.08	2.48	ppb
Beryllium	9-1	20.08	20.46	19.78	20.10	1.68	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	41.23	42.88	41.47	41.86	2.14	ppb
Boron	11-1	40.95	43.80	42.52	42.42	3.37	ppb
Bromine	81-1						cps
Cadmium	111-1	20.28	20.26	19.78	20.10	1.39	ppb
Cadmium	106-1	25.08	26.43	23.18	24.89	6.56	ppb
Cadmium	108-1	31.06	28.56	30.42	30.01	4.32	ppb
Calcium	43-1	98615.99	98196.46	96353.27	97721.90	1.23	ppb
Calcium	44-1	98775.62	96968.67	96233.60	97325.96	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.52	38.94	37.26	38.24	2.29	ppb
Cobalt	59-2	20.25	20.76	20.00	20.34	1.91	ppb
Copper	63-1	29.66	28.95	28.10	28.90	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	103378.85	103643.04	104301.20	103774.36	0.46	ppb
Iron	56-2	101423.23	103142.37	101915.77	102160.46	0.87	ppb
Iron	57-2	104154.38	104887.82	103363.58	104135.26	0.73	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICSAB97	Instrumnet Name :	P8
Client Sample ID :	ICSAB97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:18:20	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.26	24.73	24.17	24.05	3.10	ppb
Lead	207-1	23.60	23.08	22.79	23.15	1.78	ppb
Lead	208-1	23.51	23.39	23.77	23.55	0.82	ppb
Lithium	6-1				108		%
Magnesium	24-2	97360.39	99472.84	98604.86	98479.37	1.08	ppb
Manganese	55-2	26.17	26.53	25.78	26.16	1.44	ppb
Molybdenum	94-1	1795.92	1748.16	1769.95	1771.35	1.35	ppb
Molybdenum	95-1	2023.06	2019.05	1996.30	2012.80	0.72	ppb
Molybdenum	96-1	1991.16	1991.97	1957.41	1980.18	1.00	ppb
Molybdenum	97-1	1997.20	2028.21	1962.95	1996.12	1.64	ppb
Molybdenum	98-1	2044.59	1996.19	2001.38	2014.05	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.76	26.12	25.41	25.43	2.66	ppb
Phosphorus	31-2	100763.34	102086.76	101465.00	101438.37	0.65	ppb
Potassium	39-2	96970.61	98728.32	97067.94	97588.96	1.01	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-1						cps
Selenium	77-2	37.11	17.83	12.56	22.50	57.45	ppb
Selenium	78-2	20.13	20.70	19.52	20.12	2.93	ppb
Selenium	82-1	20.85	20.34	21.40	20.86	2.55	ppb
Silicon	28-1	5.70	5.41	5.18	5.43	4.84	ppb
Silver	107-1	18.53	18.68	18.22	18.48	1.27	ppb
Silver	109-1	18.51	18.28	18.94	18.58	1.81	ppb
Sodium	23-2	100251.85	99882.72	99682.60	99939.06	0.29	ppb
Strontium	86-1	89.70	89.50	90.91	90.04	0.84	ppb
Strontium	88-1	90.01	88.19	89.10	89.10	1.02	ppb
Sulfur	34-1	86063.09	84987.20	78891.09	83313.79	4.64	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	19.83	18.90	19.49	19.41	2.45	ppb
Thallium	205-1	19.72	19.96	20.54	20.07	2.08	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICSAB97	Instrumnet Name :	P8
Client Sample ID :	ICSAB97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:18:20	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	56.37	54.97	56.75	56.03	1.67	ppb
Titanium	47-1	2144.99	2078.05	2061.42	2094.82	2.11	ppb
Uranium	238-1	57.21	57.65	56.31	57.06	1.20	ppb
Vanadium	51-2	19.71	20.68	19.74	20.05	2.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	31.29	31.80	30.25	31.11	2.54	ppb
Zirconium	90-1	54.69	53.92	53.38	54.00	1.21	ppb
Zirconium	91-1	54.97	52.69	53.82	53.83	2.12	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:21:13	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53227.23	52818.36	54024.29	53356.63	1.15	ppb
Antimony	121-1	485.01	483.21	490.85	486.36	0.82	ppb
Arsenic	75-2	492.01	499.73	497.89	496.54	0.81	ppb
Barium	135-1	2463.13	2491.08	2558.04	2504.08	1.95	ppb
Barium	137-1	2448.65	2495.16	2571.50	2505.10	2.48	ppb
Beryllium	9-1	488.75	512.09	488.08	496.31	2.76	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	465.20	518.21	504.62	496.01	5.55	ppb
Boron	11-1	483.62	529.32	535.01	515.98	5.46	ppb
Bromine	81-1						cps
Cadmium	111-1	470.04	498.83	483.79	484.22	2.97	ppb
Cadmium	106-1	471.89	500.56	496.24	489.56	3.16	ppb
Cadmium	108-1	490.73	490.88	479.68	487.10	1.32	ppb
Calcium	43-1	249050.54	247519.89	245490.33	247353.58	0.72	ppb
Calcium	44-1	248642.97	246222.39	244037.13	246300.83	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.07	485.50	487.51	484.69	0.68	ppb
Cobalt	59-2	487.90	484.79	487.81	486.83	0.36	ppb
Copper	63-1	5060.70	5141.14	5050.98	5084.27	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	130602.94	130398.78	132476.58	131159.43	0.87	ppb
Iron	56-2	128378.53	127514.64	129066.81	128319.99	0.61	ppb
Iron	57-2	131206.66	129473.04	130221.85	130300.51	0.67	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:21:13	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2615.63	2578.19	2562.49	2585.44	1.06	ppb
Lead	207-1	2550.39	2598.58	2499.06	2549.35	1.95	ppb
Lead	208-1	2585.38	2580.43	2535.91	2567.24	1.06	ppb
Lithium	6-1				109		%
Magnesium	24-2	258050.95	257770.75	261527.86	259116.52	0.81	ppb
Manganese	55-2	5092.99	4971.91	4984.73	5016.54	1.33	ppb
Molybdenum	94-1	5626.70	5738.29	5402.90	5589.30	3.06	ppb
Molybdenum	95-1	5622.02	5688.77	5525.41	5612.07	1.46	ppb
Molybdenum	96-1	5683.33	5774.65	5674.17	5710.72	0.97	ppb
Molybdenum	97-1	5567.05	5731.71	5539.47	5612.74	1.85	ppb
Molybdenum	98-1	5703.01	5768.50	5593.80	5688.43	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.65	494.51	500.50	497.55	0.60	ppb
Phosphorus	31-2	9682.56	10035.08	10403.76	10040.46	3.59	ppb
Potassium	39-2	127289.04	127078.34	128055.96	127474.45	0.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-1						cps
Selenium	77-2	505.45	506.78	481.31	497.85	2.88	ppb
Selenium	78-2	500.11	490.73	488.87	493.24	1.22	ppb
Selenium	82-1	492.71	509.47	489.01	497.06	2.19	ppb
Silicon	28-1	514.87	517.35	511.36	514.53	0.59	ppb
Silver	107-1	464.89	485.61	469.71	473.40	2.29	ppb
Silver	109-1	476.11	477.64	472.79	475.51	0.52	ppb
Sodium	23-2	250252.80	252875.22	253293.49	252140.50	0.65	ppb
Strontium	86-1	5168.53	5248.94	5049.44	5155.64	1.95	ppb
Strontium	88-1	5042.08	5162.77	5012.93	5072.59	1.57	ppb
Sulfur	34-1	8921.94	9373.71	9239.31	9178.32	2.53	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	523.13	508.75	513.61	515.16	1.42	ppb
Thallium	205-1	526.61	522.34	517.56	522.17	0.87	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:21:13	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	516.73	519.59	524.26	520.19	0.73	ppb
Titanium	47-1	5552.73	5530.60	5565.57	5549.63	0.32	ppb
Uranium	238-1	530.88	521.22	529.40	527.17	0.99	ppb
Vanadium	51-2	503.11	505.92	503.67	504.24	0.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	4899.55	4910.35	4994.78	4934.89	1.06	ppb
Zirconium	90-1	509.44	509.88	503.15	507.49	0.74	ppb
Zirconium	91-1	502.76	497.85	496.79	499.13	0.64	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:31:17	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.99	1.51	6.49	3.33	82.39	ppb
Antimony	121-1	0.03	0.10	0.08	0.07	47.66	ppb
Arsenic	75-2	-0.01	-0.01	0.07	0.02	226.28	ppb
Barium	135-1	-0.01	0.24	0.09	0.11	114.79	ppb
Barium	137-1	0.01	0.24	0.27	0.17	83.79	ppb
Beryllium	9-1	0.02	0.10	0.10	0.07	63.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	14.69	14.29	15.55	14.84	4.33	ppb
Boron	11-1	15.45	15.33	16.54	15.77	4.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.17	0.06	-0.06		ppb
Cadmium	106-1	-0.97	-2.35	0.24	-1.03		ppb
Cadmium	108-1	-0.21	-0.08	-0.45	-0.25		ppb
Calcium	43-1	-1.10	31.43	18.53	16.29	100.57	ppb
Calcium	44-1	-3.70	20.71	19.87	12.29	112.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.08	0.02	287.73	ppb
Cobalt	59-2	0.00	0.02	0.03	0.02	72.44	ppb
Copper	63-1	0.14	0.59	0.65	0.46	60.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	3.10	6.47	10.15	6.57	53.68	ppb
Iron	56-2	3.11	4.63	14.54	7.42	83.59	ppb
Iron	57-2	5.00	6.09	10.66	7.25	41.43	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:31:17	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.27	0.20	0.19	50.32	ppb
Lead	207-1	0.06	0.20	0.23	0.17	55.40	ppb
Lead	208-1	0.06	0.28	0.21	0.18	60.83	ppb
Lithium	6-1				102		%
Magnesium	24-2	5.31	4.67	16.64	8.87	75.91	ppb
Manganese	55-2	0.07	0.10	0.25	0.14	66.38	ppb
Molybdenum	94-1	0.11	0.61	0.39	0.37	66.85	ppb
Molybdenum	95-1	0.06	0.55	0.55	0.39	74.19	ppb
Molybdenum	96-1	0.02	0.43	0.40	0.28	81.56	ppb
Molybdenum	97-1	0.14	0.62	0.53	0.43	59.19	ppb
Molybdenum	98-1	0.07	0.66	0.42	0.38	76.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.08	-0.06	-0.02		ppb
Phosphorus	31-2	-46.67	-38.82	-36.95	-40.81		ppb
Potassium	39-2	-12.80	1.57	3.15	-2.69		ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-1						cps
Selenium	77-2	-0.44	-0.44	-0.44	-0.44		ppb
Selenium	78-2	-0.53	-1.12	-0.27	-0.64		ppb
Selenium	82-1	-0.22	-0.18	-0.86	-0.42		ppb
Silicon	28-1	-0.73	-0.78	-0.50	-0.67		ppb
Silver	107-1	0.02	0.00	0.00	0.01	97.15	ppb
Silver	109-1	0.00	0.02	0.01	0.01	66.82	ppb
Sodium	23-2	19.99	17.44	31.18	22.87	31.95	ppb
Strontium	86-1	-0.04	0.39	0.26	0.20	110.40	ppb
Strontium	88-1	0.00	0.45	0.34	0.26	89.27	ppb
Sulfur	34-1	-861.70	-878.67	-761.25	-833.87		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.01	0.02	0.01	300.68	ppb
Thallium	205-1	0.00	0.02	0.02	0.02	71.07	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:31:17	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.02	0.07	0.03	0.04	66.23	ppb
Titanium	47-1	0.06	0.62	0.65	0.44	75.59	ppb
Uranium	238-1	0.00	0.03	0.04	0.03	91.83	ppb
Vanadium	51-2	0.02	0.02	0.04	0.03	51.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.08	0.17	0.39	0.22	73.85	ppb
Zirconium	90-1	0.00	0.05	0.05	0.03	98.08	ppb
Zirconium	91-1	0.04	0.06	0.06	0.05	17.20	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:43:37	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.84	19.46	20.01	19.77	1.44	ppb
Antimony	121-1	1.81	1.91	1.77	1.83	3.90	ppb
Arsenic	75-2	0.87	0.86	0.88	0.87	0.72	ppb
Barium	135-1	9.01	8.43	9.15	8.86	4.32	ppb
Barium	137-1	9.51	8.76	8.97	9.08	4.27	ppb
Beryllium	9-1	0.97	1.01	1.06	1.01	4.62	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	11.85	12.85	14.96	13.22	12.00	ppb
Boron	11-1	12.02	13.22	14.43	13.23	9.08	ppb
Bromine	81-1						cps
Cadmium	111-1	0.86	0.76	0.79	0.80	6.00	ppb
Cadmium	106-1	-0.77	-2.00	-0.58	-1.11		ppb
Cadmium	108-1	0.43	0.40	1.11	0.65	62.35	ppb
Calcium	43-1	440.29	451.47	468.96	453.57	3.19	ppb
Calcium	44-1	440.49	453.49	462.10	452.03	2.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.74	1.91	1.88	1.84	4.73	ppb
Cobalt	59-2	0.91	0.92	0.96	0.93	2.71	ppb
Copper	63-1	1.91	2.00	2.05	1.99	3.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	47.78	52.55	48.64	49.66	5.12	ppb
Iron	56-2	46.99	49.52	48.10	48.20	2.63	ppb
Iron	57-2	50.05	58.45	40.99	49.83	17.53	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:43:37	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.99	0.93	1.00	0.98	3.66	ppb
Lead	207-1	1.03	0.90	1.08	1.00	9.11	ppb
Lead	208-1	0.99	0.89	1.01	0.96	6.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	478.84	480.94	486.87	482.22	0.86	ppb
Manganese	55-2	0.92	1.02	0.94	0.96	5.28	ppb
Molybdenum	94-1	6.01	5.93	5.94	5.96	0.81	ppb
Molybdenum	95-1	4.60	4.65	5.03	4.76	4.90	ppb
Molybdenum	96-1	4.65	5.24	5.14	5.01	6.22	ppb
Molybdenum	97-1	4.98	4.99	5.02	5.00	0.42	ppb
Molybdenum	98-1	4.94	4.99	5.03	4.99	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.95	0.98	0.92	9.09	ppb
Phosphorus	31-2	-37.23	4.41	-17.96	-16.92		ppb
Potassium	39-2	446.87	463.85	460.85	457.19	1.98	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-1						cps
Selenium	77-2	4.85	3.59	4.95	4.46	17.00	ppb
Selenium	78-2	5.28	4.37	6.51	5.39	19.88	ppb
Selenium	82-1	5.93	5.83	5.42	5.73	4.73	ppb
Silicon	28-1	-0.17	0.01	0.01	-0.05		ppb
Silver	107-1	1.04	0.81	0.90	0.92	12.78	ppb
Silver	109-1	0.98	0.81	0.96	0.91	10.12	ppb
Sodium	23-2	458.46	471.10	477.67	469.07	2.08	ppb
Strontium	86-1	0.88	1.09	1.01	0.99	11.00	ppb
Strontium	88-1	0.91	0.95	0.99	0.95	4.17	ppb
Sulfur	34-1	-624.98	-467.23	-184.38	-425.53		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.83	0.89	0.91	0.87	5.05	ppb
Thallium	205-1	0.97	0.88	0.96	0.94	5.44	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:43:37	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.82	4.75	4.65	4.74	1.82	ppb
Titanium	47-1	4.77	4.60	4.75	4.70	2.01	ppb
Uranium	238-1	0.92	0.90	0.90	0.90	1.24	ppb
Vanadium	51-2	4.88	4.77	4.91	4.85	1.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2.37	2.09	2.11	2.19	7.07	ppb
Zirconium	90-1	0.91	0.92	0.97	0.93	3.13	ppb
Zirconium	91-1	0.85	0.93	0.92	0.90	4.94	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	PB142164BL	Instrumnet Name :	P8
Client Sample ID :	PB142164BL	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:46:42	DataFile Name :	017AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.16	0.74	0.30	131.87	ppb
Antimony	121-1	-0.01	0.01	0.00	0.00	4309.51	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.02	-0.02	0.04	0.01	196.18	ppb
Barium	137-1	0.00	-0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	4.91	3.35	4.02	4.09	19.12	ppb
Boron	11-1	5.04	4.04	3.99	4.35	13.64	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.07	0.15	0.10	49.94	ppb
Cadmium	106-1	0.91	0.56	1.83	1.10	59.68	ppb
Cadmium	108-1	-0.26	-0.27	-0.45	-0.33		ppb
Calcium	43-1	-1.19	-1.49	0.43	-0.75		ppb
Calcium	44-1	-6.63	-7.65	-7.18	-7.15		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.08	0.03	0.05	56.67	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	35.61	ppb
Copper	63-1	0.03	0.01	0.02	0.02	52.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	-0.64	-1.85	-0.73	-1.08		ppb
Iron	56-2	0.30	-0.05	0.12	0.12	141.91	ppb
Iron	57-2	1.61	0.17	2.28	1.35	79.63	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	PB142164BL	Instrumnet Name :	P8
Client Sample ID :	PB142164BL	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:46:42	DataFile Name :	017AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	-0.01	-0.01	0.01	315.47	ppb
Lead	207-1	0.04	0.00	0.01	0.02	103.89	ppb
Lead	208-1	0.02	-0.01	0.00	0.00	341.45	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.31	-0.10	0.62	0.07	696.71	ppb
Manganese	55-2	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	94-1	0.01	0.00	-0.06	-0.01		ppb
Molybdenum	95-1	-0.02	0.01	-0.01	0.00		ppb
Molybdenum	96-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	528.07	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	244.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.06	-0.09	-0.09		ppb
Phosphorus	31-2	-51.78	-41.87	-31.80	-41.82		ppb
Potassium	39-2	-15.98	-8.15	-1.00	-8.38		ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-1						cps
Selenium	77-2	0.88	0.89	-0.44	0.45	171.35	ppb
Selenium	78-2	0.30	-1.31	-0.40	-0.47		ppb
Selenium	82-1	-0.21	1.56	-0.94	0.14	946.12	ppb
Silicon	28-1	-1.09	-0.95	-0.77	-0.93		ppb
Silver	107-1	0.01	0.00	0.00	0.00	133.97	ppb
Silver	109-1	0.02	-0.01	0.00	0.00	381.88	ppb
Sodium	23-2	1.45	4.90	10.48	5.61	81.31	ppb
Strontium	86-1	-0.07	-0.07	-0.04	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-537.15	-325.88	-656.48	-506.51		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	-0.02	0.00	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	PB142164BL	Instrumnet Name :	P8
Client Sample ID :	PB142164BL	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:46:42	DataFile Name :	017AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.02	0.00	0.11	0.03	266.69	ppb
Titanium	47-1	-0.03	-0.09	0.05	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	33.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	0.02	0.23	0.24	0.16	74.78	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	283.92	ppb
Zirconium	91-1	0.01	0.02	0.05	0.03	79.98	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	PB142164BS	Instrumnet Name :	P8
Client Sample ID :	PB142164BS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:49:48	DataFile Name :	018AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9764.95	9805.67	9818.61	9796.41	0.29	ppb
Antimony	121-1	491.25	474.76	488.68	484.90	1.83	ppb
Arsenic	75-2	489.73	489.18	483.73	487.55	0.68	ppb
Barium	135-1	2483.83	2412.42	2443.58	2446.61	1.46	ppb
Barium	137-1	2457.43	2469.96	2398.37	2441.92	1.57	ppb
Beryllium	9-1	486.22	482.22	489.90	486.11	0.79	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	406.20	439.66	467.63	437.83	7.03	ppb
Boron	11-1	424.99	451.89	483.76	453.55	6.49	ppb
Bromine	81-1						cps
Cadmium	111-1	495.30	496.76	479.58	490.55	1.94	ppb
Cadmium	106-1	492.91	490.79	479.14	487.61	1.52	ppb
Cadmium	108-1	500.98	497.25	462.10	486.78	4.41	ppb
Calcium	43-1	49892.16	49854.00	50906.11	50217.42	1.19	ppb
Calcium	44-1	50170.25	50911.89	49156.27	50079.47	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	468.66	463.85	465.67	466.06	0.52	ppb
Cobalt	59-2	472.71	464.70	473.50	470.30	1.04	ppb
Copper	63-1	4945.49	4970.91	4960.48	4958.96	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	26881.75	26485.03	26174.66	26513.81	1.34	ppb
Iron	56-2	24957.59	24866.25	25111.63	24978.49	0.50	ppb
Iron	57-2	24290.40	24006.06	24116.56	24137.67	0.59	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	PB142164BS	Instrumnet Name :	P8
Client Sample ID :	PB142164BS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:49:48	DataFile Name :	018AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2513.67	2506.74	2492.32	2504.24	0.44	ppb
Lead	207-1	2469.00	2481.39	2469.31	2473.23	0.29	ppb
Lead	208-1	2471.57	2491.65	2500.28	2487.83	0.59	ppb
Lithium	6-1				106		%
Magnesium	24-2	50593.30	51315.51	50993.69	50967.50	0.71	ppb
Manganese	55-2	4871.76	4923.50	4884.29	4893.18	0.55	ppb
Molybdenum	94-1	5432.10	5341.22	5450.44	5407.92	1.08	ppb
Molybdenum	95-1	5328.07	5363.39	5306.10	5332.52	0.54	ppb
Molybdenum	96-1	5364.92	5339.71	5426.63	5377.09	0.83	ppb
Molybdenum	97-1	5489.50	5380.87	5384.07	5418.15	1.14	ppb
Molybdenum	98-1	5537.31	5404.18	5499.60	5480.36	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.22	484.74	485.19	485.72	0.27	ppb
Phosphorus	31-2	9740.63	9813.40	9692.36	9748.80	0.63	ppb
Potassium	39-2	24306.65	24622.23	24678.23	24535.70	0.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-1						cps
Selenium	77-2	457.86	494.02	490.44	480.77	4.14	ppb
Selenium	78-2	504.23	497.64	493.21	498.36	1.11	ppb
Selenium	82-1	506.38	494.33	502.10	500.94	1.22	ppb
Silicon	28-1	507.55	521.76	514.67	514.66	1.38	ppb
Silver	107-1	487.65	500.33	476.95	488.31	2.40	ppb
Silver	109-1	508.27	488.79	473.77	490.28	3.53	ppb
Sodium	23-2	49651.28	50014.48	50227.98	49964.58	0.58	ppb
Strontium	86-1	5023.45	4860.78	4873.96	4919.40	1.84	ppb
Strontium	88-1	4941.20	4825.14	4833.99	4866.78	1.33	ppb
Sulfur	34-1	10194.81	9725.89	10190.60	10037.10	2.69	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	469.35	493.16	472.76	478.42	2.69	ppb
Thallium	205-1	501.05	505.00	508.16	504.74	0.71	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	PB142164BS	Instrumnet Name :	P8
Client Sample ID :	PB142164BS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:49:48	DataFile Name :	018AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	497.73	494.49	485.88	492.70	1.24	ppb
Titanium	47-1	5455.29	5582.15	5449.84	5495.76	1.36	ppb
Uranium	238-1	501.92	503.76	504.70	503.46	0.28	ppb
Vanadium	51-2	482.65	484.66	481.98	483.10	0.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	4777.24	4805.09	4825.39	4802.58	0.50	ppb
Zirconium	90-1	492.21	479.73	493.41	488.45	1.55	ppb
Zirconium	91-1	477.59	484.49	484.86	482.31	0.85	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:58:33	DataFile Name :	019AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85.43	68.38	95.91	83.24	16.70	ppb
Antimony	121-1	0.20	0.17	0.24	0.20	18.48	ppb
Arsenic	75-2	0.16	0.11	0.44	0.23	76.16	ppb
Barium	135-1	42.36	43.04	48.11	44.51	7.06	ppb
Barium	137-1	42.71	44.30	48.40	45.14	6.50	ppb
Beryllium	9-1	0.05	0.03	0.02	0.03	43.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				109		%
Boron	10-1	30.02	31.54	37.22	32.93	11.53	ppb
Boron	11-1	31.48	33.58	37.88	34.31	9.51	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.14	-0.02	0.07	114.94	ppb
Cadmium	106-1	-1.24	-0.42	-1.74	-1.13		ppb
Cadmium	108-1	0.36	0.43	1.20	0.66	70.37	ppb
Calcium	43-1	29793.56	29847.39	32617.70	30752.89	5.25	ppb
Calcium	44-1	30558.65	30207.26	32603.00	31122.97	4.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.20	43.24	52.80	50.41	12.54	ppb
Cobalt	59-2	1.67	1.29	1.82	1.59	17.44	ppb
Copper	63-1	364.91	365.26	399.21	376.46	5.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				109		%
Indium	115-1				97		%
Indium	115-2				104		%
Iron	54-2	652.75	526.34	673.43	617.51	12.89	ppb
Iron	56-2	621.98	481.19	609.29	570.82	13.64	ppb
Iron	57-2	656.20	520.95	668.15	615.10	13.29	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:58:33	DataFile Name :	019AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	18.02	17.36	19.55	18.31	6.14	ppb
Lead	207-1	17.53	16.95	19.15	17.87	6.38	ppb
Lead	208-1	18.06	17.55	19.42	18.34	5.26	ppb
Lithium	6-1				100		%
Magnesium	24-2	10721.46	8680.86	11108.96	10170.43	12.83	ppb
Manganese	55-2	160.49	125.85	159.32	148.55	13.24	ppb
Molybdenum	94-1	0.53	0.43	0.48	0.48	10.15	ppb
Molybdenum	95-1	0.56	0.53	0.52	0.54	3.59	ppb
Molybdenum	96-1	0.57	0.46	0.58	0.54	12.22	ppb
Molybdenum	97-1	0.44	0.51	0.71	0.55	26.05	ppb
Molybdenum	98-1	0.56	0.55	0.51	0.54	5.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.79	22.99	29.40	27.40	13.94	ppb
Phosphorus	31-2	353.20	242.33	417.59	337.71	26.25	ppb
Potassium	39-2	2268.55	1787.56	2293.84	2116.65	13.48	ppb
Rhodium	103-1				94		%
Rhodium	103-2				106		%
Scandium	45-1				95		%
Scandium	45-2				103		%
Selenium	77-1						cps
Selenium	77-2	-0.44	-0.44	0.91	0.01	5434.11	ppb
Selenium	78-2	1.58	-1.59	1.26	0.42	416.39	ppb
Selenium	82-1	1.70	0.17	1.91	1.26	75.61	ppb
Silicon	28-1	287.36	285.17	311.99	294.84	5.05	ppb
Silver	107-1	0.04	0.03	0.03	0.03	17.97	ppb
Silver	109-1	0.03	0.03	0.04	0.04	13.48	ppb
Sodium	23-2	57550.54	46659.87	57525.44	53911.95	11.65	ppb
Strontium	86-1	160.64	165.45	187.10	171.06	8.24	ppb
Strontium	88-1	162.87	172.93	189.27	175.02	7.61	ppb
Sulfur	34-1	16201.05	16196.90	18482.03	16959.99	7.77	ppb
Terbium	159-1				100		%
Terbium	159-2				109		%
Thallium	203-1	-0.04	-0.06	-0.02	-0.04		ppb
Thallium	205-1	-0.03	-0.07	-0.05	-0.05		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:58:33	DataFile Name :	019AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.18	0.17	0.16	0.17	4.86	ppb
Titanium	47-1	0.29	0.52	0.57	0.46	32.13	ppb
Uranium	238-1	0.06	0.06	0.07	0.06	7.40	ppb
Vanadium	51-2	0.61	0.39	0.87	0.62	38.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				104		%
Zinc	66-2	1930.61	1565.40	1903.94	1799.98	11.31	ppb
Zirconium	90-1	0.02	0.00	0.05	0.02	83.71	ppb
Zirconium	91-1	0.00	0.04	0.08	0.04	108.40	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01DUP	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDDUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:01:33	DataFile Name :	020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83.80	85.77	94.73	88.10	6.61	ppb
Antimony	121-1	0.17	0.15	0.21	0.18	19.56	ppb
Arsenic	75-2	0.20	0.14	0.29	0.21	35.61	ppb
Barium	135-1	42.55	42.63	46.05	43.75	4.57	ppb
Barium	137-1	45.40	43.38	47.11	45.30	4.12	ppb
Beryllium	9-1	0.02	0.04	0.00	0.02	94.22	ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	28.63	29.96	28.01	28.86	3.45	ppb
Boron	11-1	31.03	31.10	30.79	30.97	0.51	ppb
Bromine	81-1						cps
Cadmium	111-1	0.39	0.43	0.32	0.38	13.65	ppb
Cadmium	106-1	2.60	3.71	0.86	2.39	60.15	ppb
Cadmium	108-1	0.26	0.79	0.48	0.51	52.09	ppb
Calcium	43-1	29987.34	30161.87	29612.13	29920.44	0.94	ppb
Calcium	44-1	30249.30	31123.98	30270.09	30547.79	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.31	54.18	58.68	55.72	4.59	ppb
Cobalt	59-2	1.69	1.63	1.83	1.72	6.09	ppb
Copper	63-1	360.36	370.26	359.21	363.28	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	54-2	650.34	662.34	749.30	687.33	7.86	ppb
Iron	56-2	612.04	608.86	669.83	630.24	5.45	ppb
Iron	57-2	634.53	622.91	686.70	648.04	5.24	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01DUP	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDDUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:01:33	DataFile Name :	020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	17.40	18.58	17.86	17.95	3.30	ppb
Lead	207-1	17.22	17.45	18.17	17.61	2.82	ppb
Lead	208-1	17.06	18.11	17.82	17.66	3.05	ppb
Lithium	6-1				100		%
Magnesium	24-2	11278.05	10885.26	11811.86	11325.06	4.11	ppb
Manganese	55-2	161.50	159.86	173.69	165.01	4.58	ppb
Molybdenum	94-1	0.44	0.35	0.40	0.40	12.47	ppb
Molybdenum	95-1	0.43	0.46	0.48	0.46	6.03	ppb
Molybdenum	96-1	0.50	0.52	0.43	0.48	9.71	ppb
Molybdenum	97-1	0.48	0.53	0.53	0.51	6.20	ppb
Molybdenum	98-1	0.44	0.43	0.46	0.44	3.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.00	29.15	32.03	30.06	5.68	ppb
Phosphorus	31-2	394.55	279.28	422.79	365.54	20.80	ppb
Potassium	39-2	2299.70	2280.18	2542.79	2374.22	6.16	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	77-1						cps
Selenium	77-2	-0.44	-0.44	2.54	0.56	309.16	ppb
Selenium	78-2	-0.17	0.00	1.88	0.57	198.60	ppb
Selenium	82-1	0.91	1.05	1.69	1.22	33.97	ppb
Silicon	28-1	289.67	291.55	288.35	289.86	0.56	ppb
Silver	107-1	0.03	0.03	0.02	0.03	25.42	ppb
Silver	109-1	0.02	0.02	0.03	0.02	27.75	ppb
Sodium	23-2	58901.05	59113.92	63935.07	60650.01	4.69	ppb
Strontium	86-1	165.67	167.06	174.28	169.00	2.73	ppb
Strontium	88-1	172.53	170.40	175.99	172.97	1.63	ppb
Sulfur	34-1	16067.08	16010.83	16004.73	16027.54	0.21	ppb
Terbium	159-1				100		%
Terbium	159-2				93		%
Thallium	203-1	-0.07	-0.06	-0.04	-0.06		ppb
Thallium	205-1	-0.06	-0.05	-0.06	-0.06		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01DUP	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDDUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:01:33	DataFile Name :	020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.17	0.16	0.24	0.19	22.68	ppb
Titanium	47-1	0.40	0.35	0.38	0.38	6.50	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	17.97	ppb
Vanadium	51-2	0.56	0.49	0.56	0.54	8.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	1948.53	1926.50	2135.39	2003.47	5.73	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	48.69	ppb
Zirconium	91-1	0.00	0.02	0.03	0.02	77.82	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01LX5	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDL	Dilution Factor :	5
Date & Time Acquired ::	2022-01-24 16:04:36	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.65	16.85	17.91	17.47	3.15	ppb
Antimony	121-1	0.08	0.11	0.03	0.07	57.20	ppb
Arsenic	75-2	0.00	0.02	0.02	0.01	72.69	ppb
Barium	135-1	8.94	9.24	8.91	9.03	2.02	ppb
Barium	137-1	9.23	9.04	8.58	8.95	3.71	ppb
Beryllium	9-1	0.02	0.04	0.00	0.02	87.43	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	13.95	14.79	14.51	14.42	2.98	ppb
Boron	11-1	14.52	16.08	15.47	15.36	5.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.08	0.03	0.08	66.27	ppb
Cadmium	106-1	0.74	-0.69	-0.23	-0.06		ppb
Cadmium	108-1	-0.33	0.02	-0.21	-0.18		ppb
Calcium	43-1	5870.81	5771.10	5752.51	5798.14	1.10	ppb
Calcium	44-1	6068.46	6041.39	5927.08	6012.31	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.64	10.91	9.93	10.49	4.80	ppb
Cobalt	59-2	0.36	0.36	0.33	0.35	5.23	ppb
Copper	63-1	69.78	69.41	67.44	68.88	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	124.65	124.90	123.48	124.34	0.61	ppb
Iron	56-2	119.00	117.94	115.56	117.50	1.50	ppb
Iron	57-2	124.99	122.03	119.86	122.29	2.11	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01LX5	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDL	Dilution Factor :	5
Date & Time Acquired ::	2022-01-24 16:04:36	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.47	3.91	3.53	3.64	6.53	ppb
Lead	207-1	3.36	3.55	3.55	3.49	3.12	ppb
Lead	208-1	3.40	3.72	3.46	3.53	4.78	ppb
Lithium	6-1				108		%
Magnesium	24-2	2080.71	2090.18	2021.42	2064.11	1.81	ppb
Manganese	55-2	30.91	30.79	30.12	30.61	1.39	ppb
Molybdenum	94-1	0.38	0.39	0.07	0.28	65.56	ppb
Molybdenum	95-1	0.49	0.41	0.09	0.33	64.31	ppb
Molybdenum	96-1	0.22	0.54	0.11	0.29	77.89	ppb
Molybdenum	97-1	0.29	0.62	0.11	0.34	76.41	ppb
Molybdenum	98-1	0.29	0.72	0.12	0.37	82.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.48	5.74	5.18	5.47	5.11	ppb
Phosphorus	31-2	30.38	80.95	56.70	56.01	45.16	ppb
Potassium	39-2	423.03	420.88	415.44	419.78	0.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-1						cps
Selenium	77-2	2.17	0.87	0.89	1.31	56.60	ppb
Selenium	78-2	-1.08	-1.28	0.88	-0.49		ppb
Selenium	82-1	0.49	0.39	1.64	0.84	83.17	ppb
Silicon	28-1	54.35	54.43	54.26	54.35	0.15	ppb
Silver	107-1	0.00	0.01	0.00	0.01	69.37	ppb
Silver	109-1	0.01	-0.01	0.00	0.00	446.20	ppb
Sodium	23-2	11587.54	11397.57	11315.20	11433.44	1.22	ppb
Strontium	86-1	32.98	32.68	33.38	33.02	1.06	ppb
Strontium	88-1	32.75	32.37	32.62	32.58	0.59	ppb
Sulfur	34-1	1762.15	1573.65	1494.59	1610.13	8.54	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	-0.08	-0.01	-0.09	-0.06		ppb
Thallium	205-1	-0.08	-0.01	-0.07	-0.05		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01LX5	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDL	Dilution Factor :	5
Date & Time Acquired ::	2022-01-24 16:04:36	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.06	0.08	0.03	0.06	46.49	ppb
Titanium	47-1	0.21	0.40	0.14	0.25	53.60	ppb
Uranium	238-1	0.02	0.03	0.01	0.02	50.90	ppb
Vanadium	51-2	0.11	0.06	0.13	0.10	35.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	376.51	380.26	381.00	379.26	0.63	ppb
Zirconium	90-1	0.03	0.03	0.00	0.02	72.35	ppb
Zirconium	91-1	0.03	0.05	0.04	0.04	26.41	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-02	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-BLUE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:07:37	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78.13	74.52	74.11	75.59	2.92	ppb
Antimony	121-1	0.11	0.14	0.14	0.13	10.32	ppb
Arsenic	75-2	0.23	0.10	0.14	0.16	42.40	ppb
Barium	135-1	42.25	41.14	41.14	41.51	1.55	ppb
Barium	137-1	42.96	41.77	41.90	42.21	1.54	ppb
Beryllium	9-1	-0.01	-0.01	0.01	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	23.14	22.51	24.47	23.37	4.29	ppb
Boron	11-1	25.14	23.72	26.29	25.05	5.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.32	0.08	0.23	57.00	ppb
Cadmium	106-1	2.81	2.66	0.59	2.02	61.40	ppb
Cadmium	108-1	0.73	0.30	0.80	0.61	44.57	ppb
Calcium	43-1	29422.85	29776.87	29853.54	29684.42	0.77	ppb
Calcium	44-1	30085.54	30510.60	29873.76	30156.63	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.82	0.68	0.65	0.72	13.01	ppb
Cobalt	59-2	0.08	0.08	0.09	0.09	10.10	ppb
Copper	63-1	434.52	439.15	431.26	434.98	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	92.90	92.53	100.50	95.31	4.72	ppb
Iron	56-2	98.27	97.29	99.33	98.30	1.04	ppb
Iron	57-2	118.41	124.43	129.48	124.11	4.46	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-02	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-BLUE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:07:37	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.84	3.91	3.76	3.84	2.05	ppb
Lead	207-1	3.73	3.67	3.54	3.65	2.67	ppb
Lead	208-1	3.68	3.75	3.67	3.70	1.21	ppb
Lithium	6-1				103		%
Magnesium	24-2	10372.35	10419.34	10736.16	10509.28	1.88	ppb
Manganese	55-2	10.40	10.89	10.88	10.72	2.62	ppb
Molybdenum	94-1	0.40	0.31	0.28	0.33	17.96	ppb
Molybdenum	95-1	0.44	0.41	0.47	0.44	7.11	ppb
Molybdenum	96-1	0.43	0.42	0.46	0.44	4.95	ppb
Molybdenum	97-1	0.41	0.40	0.43	0.42	2.88	ppb
Molybdenum	98-1	0.43	0.35	0.43	0.40	10.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.53	19.26	19.87	19.55	1.56	ppb
Phosphorus	31-2	316.31	349.95	309.56	325.28	6.65	ppb
Potassium	39-2	2170.94	2154.44	2184.38	2169.92	0.69	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-1						cps
Selenium	77-2	0.90	0.88	0.89	0.89	1.06	ppb
Selenium	78-2	-0.07	-0.30	-1.57	-0.64		ppb
Selenium	82-1	0.17	1.93	-0.40	0.57	214.19	ppb
Silicon	28-1	283.38	290.94	295.32	289.88	2.08	ppb
Silver	107-1	0.02	0.03	0.02	0.03	21.71	ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.52	ppb
Sodium	23-2	55948.89	57131.58	56138.50	56406.33	1.13	ppb
Strontium	86-1	163.82	162.52	166.77	164.37	1.33	ppb
Strontium	88-1	169.57	165.90	169.57	168.34	1.26	ppb
Sulfur	34-1	15422.91	15635.07	15631.02	15563.00	0.78	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	-0.07	-0.08	-0.10	-0.08		ppb
Thallium	205-1	-0.08	-0.06	-0.08	-0.07		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-02	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-BLUE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:07:37	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.06	0.06	0.09	0.07	26.35	ppb
Titanium	47-1	0.33	0.42	0.30	0.35	17.53	ppb
Uranium	238-1	0.05	0.04	0.04	0.05	11.75	ppb
Vanadium	51-2	0.17	0.17	0.17	0.17	0.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2054.74	1989.83	2047.04	2030.54	1.75	ppb
Zirconium	90-1	-0.01	0.03	0.04	0.02	127.55	ppb
Zirconium	91-1	0.02	0.05	0.06	0.04	40.18	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01MS	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDMS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:10:40	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9249.41	9310.29	9159.49	9239.73	0.82	ppb
Antimony	121-1	514.50	540.29	532.71	529.17	2.50	ppb
Arsenic	75-2	547.82	546.95	541.76	545.51	0.60	ppb
Barium	135-1	2379.60	2531.69	2467.08	2459.46	3.10	ppb
Barium	137-1	2370.96	2523.62	2405.71	2433.43	3.29	ppb
Beryllium	9-1	517.97	516.34	513.47	515.93	0.44	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	188.61	197.75	205.72	197.36	4.34	ppb
Boron	11-1	196.75	209.14	214.91	206.94	4.48	ppb
Bromine	81-1						cps
Cadmium	111-1	512.65	529.11	530.66	524.14	1.90	ppb
Cadmium	106-1	495.99	514.38	526.28	512.22	2.98	ppb
Cadmium	108-1	508.30	506.48	504.58	506.45	0.37	ppb
Calcium	43-1	76189.38	73849.83	74343.10	74794.10	1.65	ppb
Calcium	44-1	78359.76	75478.56	74478.53	76105.62	2.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	557.42	561.32	555.07	557.94	0.57	ppb
Cobalt	59-2	513.69	518.97	509.05	513.90	0.97	ppb
Copper	63-1	5747.47	5778.65	5470.01	5665.38	3.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	54-2	25324.64	25477.53	25175.54	25325.90	0.60	ppb
Iron	56-2	25256.50	25505.22	25240.58	25334.10	0.59	ppb
Iron	57-2	24460.31	24646.68	24155.70	24420.90	1.01	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01MS	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDMS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:10:40	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2597.24	2466.59	2521.65	2528.50	2.59	ppb
Lead	207-1	2658.19	2451.77	2590.96	2566.97	4.10	ppb
Lead	208-1	2580.70	2477.48	2556.71	2538.30	2.13	ppb
Lithium	6-1				95		%
Magnesium	24-2	59304.83	61237.87	58379.39	59640.70	2.45	ppb
Manganese	55-2	5574.52	5650.48	5436.03	5553.68	1.96	ppb
Molybdenum	94-1	3023.18	3095.21	2947.37	3021.92	2.45	ppb
Molybdenum	95-1	2489.76	2504.83	2435.57	2476.72	1.47	ppb
Molybdenum	96-1	2533.61	2545.78	2514.87	2531.42	0.62	ppb
Molybdenum	97-1	2473.96	2578.08	2436.42	2496.16	2.94	ppb
Molybdenum	98-1	2411.99	2501.45	2449.97	2454.47	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	554.96	557.49	548.66	553.70	0.82	ppb
Phosphorus	31-2	358.73	305.52	291.70	318.65	11.11	ppb
Potassium	39-2	27430.57	27452.88	27038.44	27307.30	0.85	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	77-1						cps
Selenium	77-2	518.89	535.12	494.10	516.03	4.00	ppb
Selenium	78-2	510.16	522.15	513.85	515.38	1.19	ppb
Selenium	82-1	525.44	532.89	525.41	527.91	0.82	ppb
Silicon	28-1	310.93	308.77	304.11	307.94	1.13	ppb
Silver	107-1	373.20	417.55	333.01	374.59	11.29	ppb
Silver	109-1	356.50	463.73	288.60	369.61	23.89	ppb
Sodium	23-2	103875.63	104473.90	102200.69	103516.74	1.14	ppb
Strontium	86-1	698.26	699.83	700.17	699.42	0.15	ppb
Strontium	88-1	698.09	698.79	704.23	700.37	0.48	ppb
Sulfur	34-1	16549.56	15810.91	15164.92	15841.80	4.37	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	512.18	487.16	498.83	499.39	2.51	ppb
Thallium	205-1	541.49	523.04	515.31	526.61	2.55	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01MS	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDMS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:10:40	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	482.54	501.21	489.59	491.12	1.92	ppb
Titanium	47-1	2481.34	2484.72	2352.67	2439.58	3.09	ppb
Uranium	238-1	549.70	548.63	544.59	547.64	0.49	ppb
Vanadium	51-2	533.25	540.10	525.32	532.89	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	6832.28	6908.99	6815.31	6852.19	0.73	ppb
Zirconium	90-1	503.08	510.91	501.56	505.18	0.99	ppb
Zirconium	91-1	496.19	503.60	486.78	495.52	1.70	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01MSD	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDMSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:13:34	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9406.70	9530.63	9519.56	9485.63	0.72	ppb
Antimony	121-1	534.01	528.50	543.81	535.44	1.45	ppb
Arsenic	75-2	550.85	561.06	565.67	559.19	1.36	ppb
Barium	135-1	2565.41	2512.70	2574.44	2550.85	1.31	ppb
Barium	137-1	2516.58	2516.94	2511.86	2515.13	0.11	ppb
Beryllium	9-1	533.02	521.70	531.06	528.59	1.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	209.49	214.08	230.06	217.88	4.96	ppb
Boron	11-1	217.77	225.69	240.24	227.90	5.00	ppb
Bromine	81-1						cps
Cadmium	111-1	516.55	539.60	539.47	531.87	2.50	ppb
Cadmium	106-1	509.49	543.09	516.32	522.97	3.40	ppb
Cadmium	108-1	516.12	542.97	502.61	520.56	3.95	ppb
Calcium	43-1	75730.48	76313.13	75708.13	75917.25	0.45	ppb
Calcium	44-1	76349.42	78790.54	80730.20	78623.39	2.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	563.09	573.84	572.52	569.82	1.03	ppb
Cobalt	59-2	522.56	524.58	531.53	526.22	0.89	ppb
Copper	63-1	5614.29	5703.22	5641.07	5652.86	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	54-2	25355.91	25905.38	25972.76	25744.68	1.31	ppb
Iron	56-2	25727.77	26263.87	26088.18	26026.61	1.05	ppb
Iron	57-2	24841.45	25156.31	25528.18	25175.31	1.37	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01MSD	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDMSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:13:34	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2579.13	2577.88	2593.42	2583.48	0.33	ppb
Lead	207-1	2540.86	2598.08	2609.60	2582.85	1.43	ppb
Lead	208-1	2568.44	2579.77	2617.53	2588.58	0.99	ppb
Lithium	6-1				96		%
Magnesium	24-2	60362.15	61468.70	61443.02	61091.29	1.03	ppb
Manganese	55-2	5465.96	5581.92	5618.97	5555.62	1.44	ppb
Molybdenum	94-1	3104.27	3057.67	3091.84	3084.59	0.78	ppb
Molybdenum	95-1	2537.40	2492.83	2511.17	2513.80	0.89	ppb
Molybdenum	96-1	2598.18	2602.49	2587.38	2596.02	0.30	ppb
Molybdenum	97-1	2523.65	2552.15	2523.33	2533.04	0.65	ppb
Molybdenum	98-1	2597.70	2517.89	2519.12	2544.90	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	555.14	561.22	566.17	560.84	0.99	ppb
Phosphorus	31-2	268.46	364.52	454.14	362.37	25.62	ppb
Potassium	39-2	27743.36	27878.13	27810.84	27810.78	0.24	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	77-1						cps
Selenium	77-2	552.38	499.80	585.33	545.84	7.90	ppb
Selenium	78-2	541.69	521.06	532.66	531.80	1.94	ppb
Selenium	82-1	538.57	539.40	536.71	538.22	0.26	ppb
Silicon	28-1	312.74	323.86	309.00	315.20	2.45	ppb
Silver	107-1	360.07	287.89	414.91	354.29	17.98	ppb
Silver	109-1	274.46	345.96	277.81	299.41	13.48	ppb
Sodium	23-2	105205.57	106028.38	104873.76	105369.23	0.56	ppb
Strontium	86-1	719.21	726.61	732.20	726.01	0.90	ppb
Strontium	88-1	714.18	720.80	731.93	722.30	1.24	ppb
Sulfur	34-1	15482.36	15828.14	15162.47	15490.99	2.15	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	493.90	519.98	522.60	512.16	3.10	ppb
Thallium	205-1	530.86	532.60	553.60	539.02	2.35	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01MSD	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDMSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:13:34	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	493.54	505.19	494.80	497.84	1.28	ppb
Titanium	47-1	2436.22	2499.09	2483.01	2472.78	1.32	ppb
Uranium	238-1	541.08	558.26	558.04	552.46	1.78	ppb
Vanadium	51-2	537.82	541.08	545.88	541.59	0.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	6930.26	6996.30	7052.66	6993.07	0.88	ppb
Zirconium	90-1	517.66	516.24	509.42	514.44	0.86	ppb
Zirconium	91-1	505.67	507.38	507.94	507.00	0.23	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01A	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDA	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:16:29	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9315.08	9206.52	9297.84	9273.15	0.63	ppb
Antimony	121-1	528.12	536.65	494.83	519.87	4.25	ppb
Arsenic	75-2	548.61	540.79	545.33	544.91	0.72	ppb
Barium	135-1	2477.44	2449.57	2309.04	2412.02	3.74	ppb
Barium	137-1	2434.75	2499.40	2308.55	2414.23	4.02	ppb
Beryllium	9-1	535.92	519.44	493.30	516.22	4.16	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Boron	10-1	223.42	222.58	221.97	222.65	0.33	ppb
Boron	11-1	231.11	234.58	227.34	231.01	1.57	ppb
Bromine	81-1						cps
Cadmium	111-1	521.35	526.78	486.96	511.70	4.22	ppb
Cadmium	106-1	522.90	502.20	484.39	503.16	3.83	ppb
Cadmium	108-1	511.81	502.56	482.68	499.02	2.98	ppb
Calcium	43-1	75743.68	78902.06	71632.03	75425.92	4.83	ppb
Calcium	44-1	77641.49	77568.24	73658.18	76289.30	2.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	568.61	556.68	561.37	562.22	1.07	ppb
Cobalt	59-2	521.31	516.82	516.93	518.35	0.49	ppb
Copper	63-1	5583.14	6046.30	5505.25	5711.56	5.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				88		%
Iron	54-2	25512.03	24946.71	25319.60	25259.45	1.14	ppb
Iron	56-2	26053.26	25061.14	25926.49	25680.30	2.10	ppb
Iron	57-2	24855.42	24277.95	25136.19	24756.52	1.77	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01A	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDA	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:16:29	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2627.95	2619.68	2415.47	2554.37	4.71	ppb
Lead	207-1	2658.31	2572.76	2427.63	2552.90	4.57	ppb
Lead	208-1	2648.42	2578.51	2426.66	2551.19	4.44	ppb
Lithium	6-1				98		%
Magnesium	24-2	60340.69	58188.46	60425.38	59651.51	2.13	ppb
Manganese	55-2	5585.61	5405.85	5531.79	5507.75	1.68	ppb
Molybdenum	94-1	3102.55	2989.18	2921.02	3004.25	3.05	ppb
Molybdenum	95-1	2560.74	2466.13	2401.95	2476.28	3.23	ppb
Molybdenum	96-1	2648.50	2497.39	2429.33	2525.07	4.44	ppb
Molybdenum	97-1	2592.85	2492.03	2445.11	2510.00	3.01	ppb
Molybdenum	98-1	2625.74	2440.18	2412.57	2492.83	4.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	559.32	550.78	559.56	556.55	0.90	ppb
Phosphorus	31-2	287.09	369.03	316.48	324.20	12.80	ppb
Potassium	39-2	27159.42	26810.46	27291.68	27087.19	0.92	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	77-1						cps
Selenium	77-2	485.36	518.27	495.91	499.85	3.36	ppb
Selenium	78-2	520.54	532.55	524.61	525.90	1.16	ppb
Selenium	82-1	536.21	522.98	504.37	521.18	3.07	ppb
Silicon	28-1	306.96	322.17	304.64	311.25	3.06	ppb
Silver	107-1	414.10	381.87	377.58	391.18	5.10	ppb
Silver	109-1	449.31	371.83	336.64	385.93	14.94	ppb
Sodium	23-2	105059.98	101440.53	106340.98	104280.50	2.44	ppb
Strontium	86-1	722.75	698.06	674.45	698.42	3.46	ppb
Strontium	88-1	706.76	698.49	669.43	691.56	2.84	ppb
Sulfur	34-1	15468.88	16101.93	14295.63	15288.81	5.99	ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	522.16	500.56	482.37	501.69	3.97	ppb
Thallium	205-1	540.10	529.62	497.92	522.55	4.20	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01A	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDA	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:16:29	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	482.28	508.10	470.59	486.99	3.94	ppb
Titanium	47-1	2444.28	2566.06	2309.61	2439.98	5.26	ppb
Uranium	238-1	559.98	540.69	512.22	537.63	4.47	ppb
Vanadium	51-2	536.78	529.00	534.84	533.54	0.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	6876.33	6910.21	6870.34	6885.63	0.31	ppb
Zirconium	90-1	508.88	510.75	487.25	502.29	2.60	ppb
Zirconium	91-1	501.33	487.14	471.40	486.62	3.08	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:19:22	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53219.02	54307.30	51524.78	53017.03	2.64	ppb
Antimony	121-1	502.12	509.70	503.99	505.27	0.78	ppb
Arsenic	75-2	505.14	511.67	495.53	504.11	1.61	ppb
Barium	135-1	2564.18	2558.80	2588.58	2570.52	0.62	ppb
Barium	137-1	2549.67	2584.05	2584.06	2572.59	0.77	ppb
Beryllium	9-1	502.69	504.51	503.86	503.69	0.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	495.19	520.12	551.51	522.27	5.40	ppb
Boron	11-1	518.65	549.98	574.95	547.86	5.15	ppb
Bromine	81-1						cps
Cadmium	111-1	502.87	492.94	490.31	495.37	1.34	ppb
Cadmium	106-1	497.00	476.42	473.40	482.27	2.66	ppb
Cadmium	108-1	494.39	487.68	490.30	490.79	0.69	ppb
Calcium	43-1	247520.19	246131.84	254219.05	249290.36	1.73	ppb
Calcium	44-1	246774.20	246594.73	256558.53	249975.82	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.45	488.56	480.75	485.25	0.83	ppb
Cobalt	59-2	491.83	492.45	482.11	488.79	1.19	ppb
Copper	63-1	5050.12	5202.79	5417.86	5223.59	3.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	129477.32	132556.03	130356.35	130796.57	1.21	ppb
Iron	56-2	129726.73	130095.64	128566.05	129462.81	0.62	ppb
Iron	57-2	132315.78	132344.73	129102.11	131254.21	1.42	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:19:22	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2596.94	2581.60	2603.30	2593.95	0.43	ppb
Lead	207-1	2591.38	2617.51	2574.70	2594.53	0.83	ppb
Lead	208-1	2548.19	2599.45	2615.43	2587.69	1.36	ppb
Lithium	6-1				107		%
Magnesium	24-2	257681.83	265206.03	258144.69	260344.18	1.62	ppb
Manganese	55-2	4978.63	5136.04	5026.49	5047.05	1.60	ppb
Molybdenum	94-1	5782.72	5695.60	5761.92	5746.75	0.79	ppb
Molybdenum	95-1	5786.31	5753.72	5778.94	5772.99	0.30	ppb
Molybdenum	96-1	5876.71	5806.06	5673.30	5785.36	1.79	ppb
Molybdenum	97-1	5772.64	5744.02	5785.25	5767.30	0.37	ppb
Molybdenum	98-1	5765.83	5739.79	5946.21	5817.28	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.15	504.86	504.25	501.75	0.97	ppb
Phosphorus	31-2	10015.61	10093.04	10253.09	10120.58	1.20	ppb
Potassium	39-2	128440.18	126709.40	125601.14	126916.91	1.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-1						cps
Selenium	77-2	491.42	507.07	479.05	492.51	2.85	ppb
Selenium	78-2	496.60	494.81	506.39	499.27	1.25	ppb
Selenium	82-1	505.14	497.92	499.28	500.78	0.77	ppb
Silicon	28-1	524.79	512.22	535.47	524.16	2.22	ppb
Silver	107-1	481.26	470.73	482.51	478.17	1.35	ppb
Silver	109-1	478.90	492.39	478.03	483.11	1.67	ppb
Sodium	23-2	251297.51	259161.21	251354.01	253937.58	1.78	ppb
Strontium	86-1	5208.40	5157.21	5171.02	5178.88	0.51	ppb
Strontium	88-1	5151.66	5120.01	5080.64	5117.44	0.70	ppb
Sulfur	34-1	9818.40	9519.82	9604.29	9647.50	1.60	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	529.79	508.17	516.63	518.19	2.10	ppb
Thallium	205-1	526.58	530.56	526.09	527.74	0.46	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:19:22	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	534.15	530.16	530.11	531.47	0.44	ppb
Titanium	47-1	5610.67	5705.19	5748.51	5688.13	1.24	ppb
Uranium	238-1	534.90	536.64	522.53	531.36	1.45	ppb
Vanadium	51-2	509.92	509.49	503.13	507.51	0.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	4965.71	5000.72	4939.56	4968.66	0.62	ppb
Zirconium	90-1	521.01	510.68	524.69	518.79	1.40	ppb
Zirconium	91-1	514.14	496.90	514.55	508.53	1.98	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:27:39	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	0.45	0.84	0.51	59.28	ppb
Antimony	121-1	0.06	0.07	0.08	0.07	13.72	ppb
Arsenic	75-2	0.03	0.04	0.01	0.03	70.53	ppb
Barium	135-1	0.08	0.06	0.06	0.07	17.84	ppb
Barium	137-1	0.08	0.01	0.06	0.05	72.69	ppb
Beryllium	9-1	0.07	0.08	0.07	0.07	7.74	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	30.19	30.26	30.13	30.19	0.22	ppb
Boron	11-1	31.67	31.36	31.15	31.39	0.83	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	-0.13	0.07	0.02	827.80	ppb
Cadmium	106-1	0.82	-1.73	0.50	-0.14		ppb
Cadmium	108-1	-0.31	-0.06	-0.31	-0.23		ppb
Calcium	43-1	0.47	4.11	1.27	1.95	98.11	ppb
Calcium	44-1	-1.20	-2.84	-1.95	-2.00		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.02	0.01	111.59	ppb
Cobalt	59-2	0.01	0.03	0.01	0.02	54.39	ppb
Copper	63-1	0.29	0.23	0.23	0.25	14.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	1.16	0.85	-0.89	0.37	295.47	ppb
Iron	56-2	2.28	1.49	2.13	1.97	21.34	ppb
Iron	57-2	4.93	5.30	4.11	4.78	12.77	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:27:39	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.06	0.10	0.09	38.21	ppb
Lead	207-1	0.07	0.07	0.10	0.08	24.83	ppb
Lead	208-1	0.10	0.08	0.10	0.09	16.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.64	3.78	3.25	2.89	38.66	ppb
Manganese	55-2	0.13	0.15	0.17	0.15	15.95	ppb
Molybdenum	94-1	0.15	0.15	0.16	0.15	5.46	ppb
Molybdenum	95-1	0.10	0.14	0.10	0.11	18.47	ppb
Molybdenum	96-1	0.14	0.12	0.14	0.13	9.18	ppb
Molybdenum	97-1	0.12	0.12	0.07	0.10	26.68	ppb
Molybdenum	98-1	0.20	0.10	0.13	0.14	34.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.03	-0.03	-0.01		ppb
Phosphorus	31-2	-5.19	-33.07	-47.70	-28.65		ppb
Potassium	39-2	8.19	5.93	14.37	9.49	46.06	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-1						cps
Selenium	77-2	0.96	3.84	-0.44	1.45	149.67	ppb
Selenium	78-2	0.19	0.45	-0.85	-0.07		ppb
Selenium	82-1	0.54	1.46	0.68	0.90	55.27	ppb
Silicon	28-1	0.18	-0.30	-0.25	-0.12		ppb
Silver	107-1	0.14	0.14	0.14	0.14	2.20	ppb
Silver	109-1	0.13	0.12	0.11	0.12	12.26	ppb
Sodium	23-2	21.66	22.63	18.24	20.84	11.08	ppb
Strontium	86-1	0.00	0.04	-0.08	-0.01		ppb
Strontium	88-1	0.05	0.04	0.04	0.04	20.33	ppb
Sulfur	34-1	-742.42	-1019.76	-953.61	-905.26		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.03	-0.01		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:27:39	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.02	0.04	0.02	0.02	48.66	ppb
Titanium	47-1	0.07	0.10	0.16	0.11	38.08	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.93	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	84.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	0.20	0.09	0.13	0.14	37.65	ppb
Zirconium	90-1	0.03	0.01	0.05	0.03	72.67	ppb
Zirconium	91-1	0.06	0.06	0.05	0.06	7.16	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-03	Instrumnet Name :	P8
Client Sample ID :	YC-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:37:21	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.03	25.34	25.41	24.93	3.13	ppb
Antimony	121-1	0.16	0.15	0.07	0.13	37.23	ppb
Arsenic	75-2	0.17	0.17	0.14	0.16	11.17	ppb
Barium	135-1	46.81	44.23	44.24	45.09	3.30	ppb
Barium	137-1	46.56	45.64	44.33	45.51	2.46	ppb
Beryllium	9-1	0.07	0.03	0.03	0.05	52.00	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	28.33	27.48	29.22	28.34	3.08	ppb
Boron	11-1	29.32	29.18	29.89	29.46	1.28	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.01	-0.20	-0.06		ppb
Cadmium	106-1	-0.64	-0.53	-2.68	-1.28		ppb
Cadmium	108-1	0.09	0.61	0.35	0.35	74.19	ppb
Calcium	43-1	29117.56	30031.77	29696.92	29615.42	1.56	ppb
Calcium	44-1	30282.83	31259.73	30169.14	30570.57	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.49	0.54	0.67	0.57	16.24	ppb
Cobalt	59-2	0.10	0.07	0.12	0.09	25.60	ppb
Copper	63-1	787.06	808.96	815.30	803.77	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	31.81	38.23	35.39	35.14	9.15	ppb
Iron	56-2	34.37	34.40	36.51	35.09	3.49	ppb
Iron	57-2	58.83	67.46	65.50	63.93	7.08	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-03	Instrumnet Name :	P8
Client Sample ID :	YC-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:37:21	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.86	1.71	1.72	1.76	4.90	ppb
Lead	207-1	1.75	1.73	1.86	1.78	3.87	ppb
Lead	208-1	1.83	1.72	1.83	1.79	3.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	11162.46	11236.13	10794.19	11064.26	2.14	ppb
Manganese	55-2	13.20	12.66	13.95	13.27	4.85	ppb
Molybdenum	94-1	0.34	0.25	0.38	0.32	20.29	ppb
Molybdenum	95-1	0.39	0.35	0.37	0.37	5.96	ppb
Molybdenum	96-1	0.33	0.33	0.31	0.32	2.47	ppb
Molybdenum	97-1	0.29	0.45	0.41	0.38	21.14	ppb
Molybdenum	98-1	0.37	0.42	0.43	0.41	8.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.55	18.33	18.39	18.42	0.61	ppb
Phosphorus	31-2	242.41	205.71	213.21	220.44	8.80	ppb
Potassium	39-2	2257.91	2304.22	2244.09	2268.74	1.39	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-1						cps
Selenium	77-2	-0.44	-0.44	-0.44	-0.44		ppb
Selenium	78-2	-0.44	0.15	1.01	0.24	304.13	ppb
Selenium	82-1	0.56	-0.83	0.24	-0.01		ppb
Silicon	28-1	280.06	279.52	286.13	281.90	1.30	ppb
Silver	107-1	0.07	0.07	0.05	0.07	19.91	ppb
Silver	109-1	0.05	0.06	0.06	0.06	11.85	ppb
Sodium	23-2	62587.39	61547.90	61340.34	61825.21	1.08	ppb
Strontium	86-1	167.92	171.95	171.87	170.58	1.35	ppb
Strontium	88-1	174.47	178.42	173.55	175.48	1.48	ppb
Sulfur	34-1	16438.04	16678.84	17037.01	16717.96	1.80	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	-0.06	-0.06	-0.04	-0.05		ppb
Thallium	205-1	-0.01	-0.06	-0.06	-0.05		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-03	Instrumnet Name :	P8
Client Sample ID :	YC-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:37:21	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.18	0.17	0.16	0.17	5.88	ppb
Titanium	47-1	0.36	0.32	0.50	0.39	23.99	ppb
Uranium	238-1	0.04	0.04	0.06	0.05	19.69	ppb
Vanadium	51-2	0.29	0.31	0.32	0.31	5.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	660.35	660.13	683.08	667.85	1.97	ppb
Zirconium	90-1	0.03	0.01	0.03	0.02	32.84	ppb
Zirconium	91-1	0.01	0.01	-0.01	0.01	202.89	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-04	Instrumnet Name :	P8
Client Sample ID :	PLAY-PALS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:40:20	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82.41	77.27	81.37	80.35	3.38	ppb
Antimony	121-1	0.22	0.26	0.22	0.23	10.62	ppb
Arsenic	75-2	0.18	0.15	0.23	0.19	21.02	ppb
Barium	135-1	46.24	45.25	46.80	46.09	1.71	ppb
Barium	137-1	47.67	47.01	47.34	47.34	0.70	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	10.27	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	23.93	25.58	25.76	25.09	4.02	ppb
Boron	11-1	26.44	27.97	27.91	27.44	3.15	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.19	0.33	0.27	26.82	ppb
Cadmium	106-1	1.98	1.96	3.15	2.37	28.74	ppb
Cadmium	108-1	-0.12	0.26	0.08	0.07	253.29	ppb
Calcium	43-1	28147.65	28071.85	28319.87	28179.79	0.45	ppb
Calcium	44-1	28521.57	28607.57	28846.49	28658.54	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.55	16.02	16.22	16.27	1.66	ppb
Cobalt	59-2	0.30	0.28	0.32	0.30	7.04	ppb
Copper	63-1	856.14	880.40	874.04	870.19	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	160.00	157.30	165.76	161.02	2.68	ppb
Iron	56-2	143.53	143.39	145.92	144.28	0.98	ppb
Iron	57-2	166.37	159.90	189.52	171.93	9.06	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-04	Instrumnet Name :	P8
Client Sample ID :	PLAY-PALS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:40:20	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.29	7.46	7.51	7.42	1.54	ppb
Lead	207-1	7.38	7.25	7.54	7.39	1.98	ppb
Lead	208-1	7.25	7.27	7.42	7.31	1.32	ppb
Lithium	6-1				103		%
Magnesium	24-2	11211.32	11234.55	11367.20	11271.02	0.75	ppb
Manganese	55-2	37.27	38.05	38.48	37.94	1.61	ppb
Molybdenum	94-1	0.79	0.69	0.68	0.72	8.88	ppb
Molybdenum	95-1	0.78	0.61	0.65	0.68	12.88	ppb
Molybdenum	96-1	0.61	0.77	0.74	0.71	12.21	ppb
Molybdenum	97-1	0.79	0.70	0.72	0.74	6.36	ppb
Molybdenum	98-1	0.79	0.71	0.78	0.76	6.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.62	9.20	9.44	9.09	4.64	ppb
Phosphorus	31-2	332.44	352.49	386.31	357.08	7.62	ppb
Potassium	39-2	2147.11	2207.94	2203.57	2186.21	1.55	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-1						cps
Selenium	77-2	0.95	-0.44	0.94	0.49	164.09	ppb
Selenium	78-2	1.91	-1.40	-0.69	-0.06		ppb
Selenium	82-1	0.37	-0.35	0.13	0.05	713.16	ppb
Silicon	28-1	278.44	266.73	272.96	272.71	2.15	ppb
Silver	107-1	0.08	0.05	0.05	0.06	22.60	ppb
Silver	109-1	0.06	0.05	0.04	0.05	16.68	ppb
Sodium	23-2	58042.67	58065.24	58841.73	58316.55	0.78	ppb
Strontium	86-1	170.60	161.38	165.59	165.86	2.78	ppb
Strontium	88-1	172.11	166.93	169.33	169.46	1.53	ppb
Sulfur	34-1	16833.97	16288.14	17001.74	16707.95	2.23	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	-0.07	-0.07	-0.07	-0.07		ppb
Thallium	205-1	-0.03	-0.05	-0.04	-0.04		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-04	Instrumnet Name :	P8
Client Sample ID :	PLAY-PALS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:40:20	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	8.76	8.55	8.93	8.75	2.15	ppb
Titanium	47-1	0.34	0.69	0.52	0.52	33.39	ppb
Uranium	238-1	0.07	0.08	0.08	0.07	7.37	ppb
Vanadium	51-2	0.43	0.47	0.52	0.48	9.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	939.69	945.64	965.04	950.12	1.39	ppb
Zirconium	90-1	0.08	0.08	0.06	0.07	17.91	ppb
Zirconium	91-1	0.05	0.08	0.09	0.07	32.35	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-05	Instrumnet Name :	P8
Client Sample ID :	BATES-HALL-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:43:22	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.65	26.46	25.40	25.83	2.14	ppb
Antimony	121-1	0.13	0.13	0.14	0.13	4.39	ppb
Arsenic	75-2	0.24	0.17	0.07	0.16	54.02	ppb
Barium	135-1	43.07	41.05	39.12	41.08	4.81	ppb
Barium	137-1	41.38	43.12	40.27	41.59	3.46	ppb
Beryllium	9-1	-0.02	0.03	0.03	0.01	188.79	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	24.23	21.76	24.05	23.35	5.89	ppb
Boron	11-1	25.59	24.90	25.54	25.34	1.52	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.31	0.19	0.21	40.28	ppb
Cadmium	106-1	1.18	2.99	1.68	1.95	47.88	ppb
Cadmium	108-1	-0.37	0.03	0.00	-0.11		ppb
Calcium	43-1	29468.21	28061.92	28534.19	28688.11	2.49	ppb
Calcium	44-1	29846.10	28625.56	28442.06	28971.24	2.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.78	0.65	0.65	0.69	10.79	ppb
Cobalt	59-2	0.20	0.24	0.24	0.23	9.62	ppb
Copper	63-1	1395.13	1322.00	1329.92	1349.02	2.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	38.84	41.04	39.29	39.72	2.93	ppb
Iron	56-2	39.00	38.01	38.37	38.46	1.30	ppb
Iron	57-2	63.85	69.05	61.95	64.95	5.66	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-05	Instrumnet Name :	P8
Client Sample ID :	BATES-HALL-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:43:22	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.38	2.34	2.11	2.28	6.26	ppb
Lead	207-1	2.07	2.00	2.09	2.05	2.41	ppb
Lead	208-1	2.25	2.11	2.14	2.16	3.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	10610.62	10343.33	10633.20	10529.05	1.53	ppb
Manganese	55-2	10.78	10.60	11.19	10.86	2.77	ppb
Molybdenum	94-1	0.29	0.28	0.32	0.30	6.34	ppb
Molybdenum	95-1	0.43	0.35	0.35	0.38	11.09	ppb
Molybdenum	96-1	0.31	0.39	0.34	0.35	11.34	ppb
Molybdenum	97-1	0.37	0.32	0.30	0.33	10.36	ppb
Molybdenum	98-1	0.39	0.29	0.34	0.34	14.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.94	2.71	2.90	2.85	4.19	ppb
Phosphorus	31-2	184.15	148.31	239.80	190.75	24.17	ppb
Potassium	39-2	2176.31	2116.87	2210.04	2167.74	2.18	ppb
Rhodium	103-1				93		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-1						cps
Selenium	77-2	-0.44	-0.44	2.33	0.49	328.76	ppb
Selenium	78-2	-0.51	1.14	-0.31	0.11	844.66	ppb
Selenium	82-1	0.15	0.55	1.06	0.59	77.16	ppb
Silicon	28-1	286.36	271.59	268.01	275.32	3.53	ppb
Silver	107-1	0.12	0.15	0.13	0.13	10.20	ppb
Silver	109-1	0.13	0.13	0.13	0.13	3.61	ppb
Sodium	23-2	55797.37	54592.80	56862.83	55751.00	2.04	ppb
Strontium	86-1	169.33	162.20	160.91	164.15	2.76	ppb
Strontium	88-1	178.69	164.36	162.02	168.36	5.36	ppb
Sulfur	34-1	18335.75	16526.90	16744.13	17202.26	5.74	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	-0.08	-0.05	-0.07	-0.07		ppb
Thallium	205-1	-0.05	-0.07	-0.07	-0.06		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-05	Instrumnet Name :	P8
Client Sample ID :	BATES-HALL-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:43:22	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.22	0.19	0.22	0.21	10.08	ppb
Titanium	47-1	0.48	0.36	0.41	0.42	14.75	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	3.24	ppb
Vanadium	51-2	0.29	0.25	0.28	0.27	8.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	236.27	228.09	234.68	233.02	1.86	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	44.64	ppb
Zirconium	91-1	0.00	0.02	0.05	0.02	101.10	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-06	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:46:21	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	139.57	139.29	133.84	137.57	2.35	ppb
Antimony	121-1	0.40	0.36	0.32	0.36	10.24	ppb
Arsenic	75-2	0.26	0.18	0.13	0.19	36.81	ppb
Barium	135-1	43.69	42.51	45.23	43.81	3.11	ppb
Barium	137-1	44.53	43.61	45.98	44.71	2.67	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	62.33	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	21.15	21.08	22.16	21.47	2.80	ppb
Boron	11-1	22.20	22.69	24.52	23.14	5.28	ppb
Bromine	81-1						cps
Cadmium	111-1	0.27	0.04	0.06	0.12	105.56	ppb
Cadmium	106-1	3.28	-0.60	0.23	0.97	211.05	ppb
Cadmium	108-1	0.75	0.72	0.51	0.66	20.02	ppb
Calcium	43-1	28472.24	29378.04	30097.80	29316.03	2.78	ppb
Calcium	44-1	29302.20	28999.05	30116.71	29472.65	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.28	0.26	0.25	16.24	ppb
Cobalt	59-2	0.14	0.14	0.11	0.13	13.09	ppb
Copper	63-1	460.41	476.39	481.76	472.86	2.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	54-2	37.50	42.81	42.76	41.02	7.44	ppb
Iron	56-2	39.75	41.57	41.06	40.79	2.30	ppb
Iron	57-2	58.06	71.18	71.48	66.91	11.45	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-06	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:46:21	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	11.21	10.84	11.54	11.20	3.12	ppb
Lead	207-1	10.50	10.06	11.02	10.52	4.56	ppb
Lead	208-1	10.83	10.53	11.21	10.86	3.13	ppb
Lithium	6-1				100		%
Magnesium	24-2	9979.03	10163.45	9867.48	10003.32	1.49	ppb
Manganese	55-2	11.08	11.84	11.69	11.54	3.46	ppb
Molybdenum	94-1	0.36	0.31	0.35	0.34	8.00	ppb
Molybdenum	95-1	0.34	0.31	0.30	0.32	6.71	ppb
Molybdenum	96-1	0.35	0.35	0.30	0.33	8.69	ppb
Molybdenum	97-1	0.35	0.45	0.32	0.37	17.86	ppb
Molybdenum	98-1	0.39	0.39	0.36	0.38	4.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.14	6.34	6.06	6.18	2.32	ppb
Phosphorus	31-2	144.66	209.82	202.07	185.52	19.19	ppb
Potassium	39-2	2100.38	2096.35	2057.45	2084.73	1.14	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	77-1						cps
Selenium	77-2	-0.44	0.90	-0.44	0.01	7095.51	ppb
Selenium	78-2	-1.13	-0.76	1.98	0.03	6193.35	ppb
Selenium	82-1	0.03	-0.37	0.57	0.08	623.20	ppb
Silicon	28-1	268.82	277.18	286.59	277.53	3.20	ppb
Silver	107-1	0.04	0.06	0.04	0.05	20.57	ppb
Silver	109-1	0.04	0.02	0.03	0.03	37.24	ppb
Sodium	23-2	57210.43	57687.24	56939.44	57279.04	0.66	ppb
Strontium	86-1	162.49	165.20	169.83	165.84	2.24	ppb
Strontium	88-1	167.11	169.74	174.24	170.36	2.12	ppb
Sulfur	34-1	16228.87	17308.82	17880.68	17139.46	4.89	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	-0.08	-0.07	-0.09	-0.08		ppb
Thallium	205-1	-0.07	-0.06	-0.05	-0.06		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-06	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:46:21	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.30	0.21	0.27	0.26	18.38	ppb
Titanium	47-1	1.12	0.97	1.39	1.16	18.27	ppb
Uranium	238-1	0.03	0.03	0.02	0.02	21.55	ppb
Vanadium	51-2	0.28	0.20	0.17	0.22	26.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	1546.71	1567.77	1541.42	1551.96	0.90	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	49.31	ppb
Zirconium	91-1	0.03	0.02	0.00	0.02	69.05	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-07	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:49:23	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.08	90.92	93.43	93.47	2.76	ppb
Antimony	121-1	0.08	0.09	0.09	0.09	3.56	ppb
Arsenic	75-2	0.16	0.16	0.20	0.17	12.53	ppb
Barium	135-1	47.15	49.13	49.27	48.52	2.44	ppb
Barium	137-1	49.07	51.31	49.11	49.83	2.58	ppb
Beryllium	9-1	0.02	-0.01	0.03	0.01	140.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	18.32	19.12	19.70	19.05	3.63	ppb
Boron	11-1	19.64	20.25	20.60	20.16	2.41	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.16	0.02	0.08	85.28	ppb
Cadmium	106-1	0.71	1.56	-0.40	0.62	157.84	ppb
Cadmium	108-1	0.12	0.18	0.11	0.14	26.79	ppb
Calcium	43-1	29016.93	28820.44	28831.88	28889.75	0.38	ppb
Calcium	44-1	29885.37	29898.99	29387.49	29723.95	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.07	1.03	0.97	1.02	4.66	ppb
Cobalt	59-2	0.06	0.05	0.05	0.05	15.55	ppb
Copper	63-1	413.43	410.37	419.34	414.38	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	117.54	117.60	123.07	119.40	2.66	ppb
Iron	56-2	119.67	114.89	119.02	117.86	2.20	ppb
Iron	57-2	147.84	138.37	150.28	145.50	4.32	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-07	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:49:23	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.82	1.75	1.77	1.78	2.04	ppb
Lead	207-1	1.73	1.81	1.72	1.75	2.95	ppb
Lead	208-1	1.75	1.76	1.73	1.75	0.78	ppb
Lithium	6-1				107		%
Magnesium	24-2	10838.43	10339.83	10885.77	10688.01	2.83	ppb
Manganese	55-2	10.25	10.09	10.08	10.14	0.93	ppb
Molybdenum	94-1	0.40	0.43	0.38	0.40	7.05	ppb
Molybdenum	95-1	0.35	0.37	0.39	0.37	4.47	ppb
Molybdenum	96-1	0.32	0.35	0.44	0.37	16.56	ppb
Molybdenum	97-1	0.48	0.32	0.37	0.39	20.49	ppb
Molybdenum	98-1	0.41	0.45	0.44	0.43	5.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.27	2.47	2.10	2.28	8.19	ppb
Phosphorus	31-2	423.14	447.70	340.17	403.67	13.96	ppb
Potassium	39-2	2239.97	2197.55	2238.79	2225.44	1.09	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-1						cps
Selenium	77-2	2.29	-0.44	0.94	0.93	146.45	ppb
Selenium	78-2	0.10	0.91	0.41	0.47	86.78	ppb
Selenium	82-1	1.27	0.26	0.71	0.75	67.85	ppb
Silicon	28-1	302.45	296.51	299.70	299.55	0.99	ppb
Silver	107-1	0.04	0.04	0.04	0.04	2.74	ppb
Silver	109-1	0.03	0.05	0.04	0.04	23.38	ppb
Sodium	23-2	58056.15	56875.03	57363.60	57431.59	1.03	ppb
Strontium	86-1	175.29	176.56	178.60	176.82	0.94	ppb
Strontium	88-1	183.54	173.85	177.96	178.45	2.72	ppb
Sulfur	34-1	16241.46	15719.67	15595.64	15852.26	2.16	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	-0.08	-0.06	-0.06	-0.07		ppb
Thallium	205-1	-0.07	-0.07	-0.08	-0.07		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-07	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:49:23	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.16	0.13	0.16	0.15	13.77	ppb
Titanium	47-1	0.45	0.43	0.48	0.45	5.34	ppb
Uranium	238-1	0.04	0.05	0.04	0.05	11.14	ppb
Vanadium	51-2	0.26	0.20	0.26	0.24	14.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	515.75	518.77	512.09	515.54	0.65	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	140.03	ppb
Zirconium	91-1	0.02	0.03	0.07	0.04	57.66	ppb

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : N1151-08 Instrumnet Name : P8
 Client Sample ID : ROOM-201A-BATHROOI Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 16:52:23 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.61	107.84	92.65	99.03	7.96	ppb
Antimony	121-1	0.09	0.09	0.08	0.09	6.98	ppb
Arsenic	75-2	0.25	0.13	0.13	0.17	41.05	ppb
Barium	135-1	50.99	51.35	51.72	51.35	0.71	ppb
Barium	137-1	51.51	51.61	52.72	51.94	1.29	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	21.49	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	17.02	18.01	18.67	17.90	4.64	ppb
Boron	11-1	18.88	18.56	19.66	19.04	2.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	-0.06	0.00	0.02	445.69	ppb
Cadmium	106-1	0.85	-0.83	-0.32	-0.10		ppb
Cadmium	108-1	-0.26	0.01	0.06	-0.06		ppb
Calcium	43-1	28268.46	27858.80	28247.42	28124.89	0.82	ppb
Calcium	44-1	28457.30	28546.99	28652.67	28552.32	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.26	1.22	1.21	1.23	1.92	ppb
Cobalt	59-2	0.06	0.05	0.06	0.06	7.29	ppb
Copper	63-1	409.83	386.17	398.83	398.28	2.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	128.87	142.76	124.43	132.02	7.24	ppb
Iron	56-2	123.19	134.06	121.46	126.24	5.41	ppb
Iron	57-2	154.40	182.81	158.39	165.20	9.31	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-08	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-BATHROOI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:52:23	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.32	1.32	1.07	1.24	11.43	ppb
Lead	207-1	1.21	1.28	1.16	1.22	5.25	ppb
Lead	208-1	1.21	1.27	1.12	1.20	6.01	ppb
Lithium	6-1				104		%
Magnesium	24-2	10322.75	11424.10	10227.92	10658.26	6.24	ppb
Manganese	55-2	7.75	8.34	7.64	7.91	4.75	ppb
Molybdenum	94-1	0.36	0.32	0.36	0.35	6.46	ppb
Molybdenum	95-1	0.38	0.42	0.50	0.43	14.15	ppb
Molybdenum	96-1	0.36	0.37	0.35	0.36	3.41	ppb
Molybdenum	97-1	0.42	0.34	0.35	0.37	11.52	ppb
Molybdenum	98-1	0.44	0.47	0.46	0.46	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.43	1.66	1.38	1.49	9.87	ppb
Phosphorus	31-2	511.77	434.22	397.88	447.96	12.99	ppb
Potassium	39-2	2202.58	2442.06	2162.58	2269.07	6.66	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-1						cps
Selenium	77-2	-0.44	-0.44	-0.44	-0.44		ppb
Selenium	78-2	0.68	-0.08	0.21	0.27	142.71	ppb
Selenium	82-1	1.22	1.11	-0.84	0.50	232.70	ppb
Silicon	28-1	296.09	290.87	295.93	294.30	1.01	ppb
Silver	107-1	0.06	0.03	0.03	0.04	43.48	ppb
Silver	109-1	0.06	0.05	0.02	0.04	39.76	ppb
Sodium	23-2	57348.67	64173.11	56216.92	59246.23	7.26	ppb
Strontium	86-1	168.39	178.21	169.73	172.11	3.09	ppb
Strontium	88-1	176.94	179.93	175.68	177.52	1.23	ppb
Sulfur	34-1	15636.95	15460.72	16113.84	15737.17	2.15	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	-0.08	-0.07	-0.08	-0.08		ppb
Thallium	205-1	-0.06	-0.08	-0.08	-0.07		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-08	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-BATHROOI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:52:23	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.15	0.25	0.18	0.20	25.84	ppb
Titanium	47-1	0.67	0.56	0.40	0.54	24.99	ppb
Uranium	238-1	0.05	0.03	0.04	0.04	31.44	ppb
Vanadium	51-2	0.25	0.29	0.22	0.26	14.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	18.21	19.39	17.40	18.33	5.46	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	90.93	ppb
Zirconium	91-1	0.01	0.02	0.06	0.03	73.94	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-09	Instrumnet Name :	P8
Client Sample ID :	FB-1-14-2022	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:55:24	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.86	1.22	1.91	1.66	23.14	ppb
Antimony	121-1	0.01	-0.01	0.06	0.02	187.03	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	145.31	ppb
Barium	135-1	0.11	0.06	0.51	0.23	109.80	ppb
Barium	137-1	0.10	0.04	0.59	0.24	121.56	ppb
Beryllium	9-1	0.01	-0.01	0.11	0.04	167.02	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	4.85	4.20	4.77	4.61	7.61	ppb
Boron	11-1	5.00	4.57	4.27	4.61	7.98	ppb
Bromine	81-1						cps
Cadmium	111-1	0.26	0.03	0.15	0.15	76.54	ppb
Cadmium	106-1	3.22	0.24	0.26	1.24	138.01	ppb
Cadmium	108-1	-0.38	-0.51	-0.31	-0.40		ppb
Calcium	43-1	6.46	9.88	326.01	114.12	160.81	ppb
Calcium	44-1	8.11	10.28	379.52	132.64	161.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.27	0.24	0.27	8.90	ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-1	0.16	0.21	7.38	2.58	160.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	54-2	2.89	1.94	4.09	2.97	36.35	ppb
Iron	56-2	3.74	3.70	3.62	3.69	1.67	ppb
Iron	57-2	6.46	3.70	3.51	4.56	36.30	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-09	Instrumnet Name :	P8
Client Sample ID :	FB-1-14-2022	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:55:24	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.11	0.37	0.19	85.00	ppb
Lead	207-1	0.07	0.05	0.36	0.16	110.72	ppb
Lead	208-1	0.06	0.06	0.34	0.15	104.19	ppb
Lithium	6-1				104		%
Magnesium	24-2	2.80	2.97	1.70	2.49	27.52	ppb
Manganese	55-2	0.72	0.71	0.67	0.70	3.80	ppb
Molybdenum	94-1	-0.01	0.05	0.97	0.33	164.72	ppb
Molybdenum	95-1	0.01	0.02	0.70	0.24	164.12	ppb
Molybdenum	96-1	0.02	-0.04	0.88	0.29	179.60	ppb
Molybdenum	97-1	0.04	0.03	0.98	0.35	156.37	ppb
Molybdenum	98-1	0.02	0.02	0.76	0.27	158.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.03	-0.01		ppb
Phosphorus	31-2	-39.11	-34.40	-29.36	-34.29		ppb
Potassium	39-2	-3.23	-0.47	1.55	-0.72		ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-1						cps
Selenium	77-2	-0.44	2.37	-0.44	0.50	323.98	ppb
Selenium	78-2	0.66	1.74	0.73	1.04	57.90	ppb
Selenium	82-1	-0.29	0.95	1.01	0.56	131.16	ppb
Silicon	28-1	-0.27	0.19	0.10	0.01	2914.93	ppb
Silver	107-1	0.05	0.05	0.05	0.05	10.22	ppb
Silver	109-1	0.04	0.05	0.03	0.04	20.23	ppb
Sodium	23-2	25.74	23.53	17.18	22.15	20.08	ppb
Strontium	86-1	0.14	-0.02	1.48	0.53	154.59	ppb
Strontium	88-1	0.03	0.05	1.46	0.51	160.67	ppb
Sulfur	34-1	-814.50	-640.78	-1179.03	-878.10		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	-0.08	-0.08	-0.04	-0.06		ppb
Thallium	205-1	-0.07	-0.08	-0.02	-0.06		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-09	Instrumnet Name :	P8
Client Sample ID :	FB-1-14-2022	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:55:24	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.03	0.08	0.14	0.09	65.73	ppb
Titanium	47-1	0.17	0.16	1.49	0.61	125.86	ppb
Uranium	238-1	0.00	0.00	0.05	0.02	140.41	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	63.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	0.65	0.47	0.75	0.62	23.02	ppb
Zirconium	90-1	0.00	0.00	0.13	0.05	163.39	ppb
Zirconium	91-1	0.02	0.01	0.06	0.03	96.21	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 17:03:56	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52688.46	54790.48	53529.53	53669.49	1.97	ppb
Antimony	121-1	488.92	514.17	483.32	495.47	3.32	ppb
Arsenic	75-2	507.97	499.19	503.70	503.62	0.87	ppb
Barium	135-1	2437.65	2686.08	2542.89	2555.54	4.88	ppb
Barium	137-1	2446.91	2691.96	2530.77	2556.55	4.87	ppb
Beryllium	9-1	484.39	488.06	487.51	486.65	0.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	445.00	486.44	500.75	477.40	6.06	ppb
Boron	11-1	451.26	499.14	508.32	486.24	6.30	ppb
Bromine	81-1						cps
Cadmium	111-1	475.02	499.53	482.39	485.65	2.59	ppb
Cadmium	106-1	464.02	505.67	489.21	486.30	4.31	ppb
Cadmium	108-1	468.45	503.61	476.54	482.87	3.81	ppb
Calcium	43-1	245081.28	251509.14	249366.09	248652.17	1.32	ppb
Calcium	44-1	248561.18	250795.53	248672.39	249343.03	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.19	480.28	484.34	481.94	0.44	ppb
Cobalt	59-2	475.77	483.65	488.72	482.71	1.35	ppb
Copper	63-1	5102.01	5265.04	5086.37	5151.14	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	130440.23	129536.67	129448.89	129808.59	0.42	ppb
Iron	56-2	129813.78	129491.64	130322.98	129876.13	0.32	ppb
Iron	57-2	132906.20	131996.51	131799.12	132233.94	0.45	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 17:03:56	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2508.05	2571.85	2576.12	2552.01	1.49	ppb
Lead	207-1	2558.08	2578.22	2572.63	2569.64	0.40	ppb
Lead	208-1	2531.30	2578.57	2558.11	2555.99	0.93	ppb
Lithium	6-1				110		%
Magnesium	24-2	260133.17	262023.67	264378.74	262178.53	0.81	ppb
Manganese	55-2	4963.16	4993.09	5026.56	4994.27	0.64	ppb
Molybdenum	94-1	5587.03	5593.41	5555.38	5578.61	0.37	ppb
Molybdenum	95-1	5529.49	5590.63	5573.07	5564.40	0.57	ppb
Molybdenum	96-1	5561.61	5648.97	5472.25	5560.94	1.59	ppb
Molybdenum	97-1	5483.55	5536.70	5333.44	5451.23	1.93	ppb
Molybdenum	98-1	5642.40	5526.37	5518.55	5562.44	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.30	487.82	499.09	492.07	1.25	ppb
Phosphorus	31-2	9934.27	10504.40	10824.54	10421.07	4.33	ppb
Potassium	39-2	126495.80	127743.72	129964.33	128067.95	1.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-1						cps
Selenium	77-2	479.43	462.29	447.30	463.01	3.47	ppb
Selenium	78-2	500.12	511.20	493.91	501.74	1.74	ppb
Selenium	82-1	487.72	489.79	489.94	489.15	0.25	ppb
Silicon	28-1	511.91	517.40	524.89	518.07	1.26	ppb
Silver	107-1	451.39	490.74	462.98	468.37	4.32	ppb
Silver	109-1	457.41	485.55	472.79	471.92	2.99	ppb
Sodium	23-2	254496.01	256992.78	259789.15	257092.65	1.03	ppb
Strontium	86-1	4889.09	5154.83	5044.11	5029.34	2.65	ppb
Strontium	88-1	4985.12	4975.71	5029.46	4996.76	0.57	ppb
Sulfur	34-1	10334.23	10105.83	10287.40	10242.49	1.18	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	482.98	520.11	495.92	499.67	3.77	ppb
Thallium	205-1	504.08	513.64	517.08	511.60	1.32	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 17:03:56	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	505.24	533.53	519.12	519.29	2.72	ppb
Titanium	47-1	5564.50	5639.12	5646.24	5616.62	0.81	ppb
Uranium	238-1	533.64	530.24	544.37	536.08	1.38	ppb
Vanadium	51-2	501.15	502.13	507.88	503.72	0.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	4900.48	4891.38	4975.25	4922.37	0.93	ppb
Zirconium	90-1	497.81	510.39	510.91	506.37	1.46	ppb
Zirconium	91-1	491.54	499.67	495.75	495.65	0.82	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 17:19:59	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	1.52	-0.14	0.49	183.73	ppb
Antimony	121-1	0.04	0.00	0.01	0.01	138.03	ppb
Arsenic	75-2	0.00	0.03	0.01	0.01	130.26	ppb
Barium	135-1	0.12	0.03	0.02	0.06	98.43	ppb
Barium	137-1	0.16	-0.02	-0.02	0.04	273.63	ppb
Beryllium	9-1	0.02	0.00	0.00	0.01	205.54	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	8.19	7.40	6.58	7.39	10.92	ppb
Boron	11-1	7.81	7.36	7.21	7.46	4.23	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	-0.12	-0.05	-0.04		ppb
Cadmium	106-1	0.03	-1.30	-0.56	-0.61		ppb
Cadmium	108-1	0.18	-0.14	-0.27	-0.08		ppb
Calcium	43-1	12.96	-1.17	-3.15	2.88	305.43	ppb
Calcium	44-1	2.53	-11.17	-11.63	-6.76		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.08	0.00	0.02	258.80	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-1	0.32	0.04	0.02	0.13	132.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	0.01	-0.01	-0.76	-0.25		ppb
Iron	56-2	0.30	1.80	0.11	0.74	125.17	ppb
Iron	57-2	1.86	3.19	0.89	1.98	58.49	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 17:19:59	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.18	0.01	0.04	0.07	119.87	ppb
Lead	207-1	0.15	0.04	0.01	0.07	109.10	ppb
Lead	208-1	0.11	0.02	0.01	0.05	126.37	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.55	6.43	0.80	2.59	128.36	ppb
Manganese	55-2	0.00	0.03	0.03	0.02	100.25	ppb
Molybdenum	94-1	0.27	0.04	-0.04	0.09	181.14	ppb
Molybdenum	95-1	0.17	-0.02	0.00	0.05	208.16	ppb
Molybdenum	96-1	0.26	-0.01	0.00	0.08	184.96	ppb
Molybdenum	97-1	0.16	0.00	0.00	0.05	178.90	ppb
Molybdenum	98-1	0.27	0.00	0.00	0.09	168.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.04	-0.04	-0.06		ppb
Phosphorus	31-2	-40.86	-39.48	-58.53	-46.29		ppb
Potassium	39-2	4.57	17.27	-0.58	7.09	129.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-1						cps
Selenium	77-2	-0.44	-0.44	0.94	0.02	3653.91	ppb
Selenium	78-2	-1.04	1.48	-0.97	-0.18		ppb
Selenium	82-1	0.49	-0.92	-0.82	-0.42		ppb
Silicon	28-1	-1.26	-1.46	-1.48	-1.40		ppb
Silver	107-1	0.05	0.04	0.03	0.04	31.55	ppb
Silver	109-1	0.02	0.02	0.02	0.02	19.25	ppb
Sodium	23-2	9.27	19.47	6.75	11.83	56.92	ppb
Strontium	86-1	0.24	-0.04	0.00	0.07	224.85	ppb
Strontium	88-1	0.18	0.00	0.00	0.06	177.04	ppb
Sulfur	34-1	-718.45	-902.68	-880.46	-833.86		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	-0.06	-0.07	-0.07	-0.07		ppb
Thallium	205-1	-0.02	-0.07	-0.06	-0.05		ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 17:19:59	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.06	0.01	0.03	0.03	75.36	ppb
Titanium	47-1	0.35	-0.10	-0.07	0.06	418.38	ppb
Uranium	238-1	0.02	0.00	0.00	0.01	168.57	ppb
Vanadium	51-2	0.00	0.02	0.00	0.01	126.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	0.06	-0.04	-0.05	-0.01		ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	41.14	ppb
Zirconium	91-1	0.04	0.00	0.04	0.03	77.53	ppb

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:28:24	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89	110	91	97	12.02	cps
Antimony	121-1	50	42	83	58	37.80	cps
Arsenic	75-2	5	7	5	6	20.38	cps
Barium	135-1	33	25	8	22	57.29	cps
Barium	137-1	83	42	33	53	50.76	cps
Beryllium	9-1	66	72	92	77	17.75	cps
Bismuth	209-1	2272971	2513300	2478662	2421644	5.36	cps
Bismuth	209-2	1338935	1340314	1355303	1344851	0.68	cps
Boron	10-1	1960	1866	2076	1967	5.35	cps
Boron	11-1	9199	9271	9239	9236	0.39	cps
Bromine	81-1	18351	19063	18491	18635	2.02	cps
Cadmium	111-1	808	940	865	871	7.63	cps
Cadmium	106-1	1183	1350	1183	1239	7.77	cps
Cadmium	108-1	83	25	13	40	93.86	cps
Calcium	43-1	235	239	232	235	1.34	cps
Calcium	44-1	17055	16696	16849	16867	1.07	cps
Carbon	12-1	4270667	4269040	4272139	4270616	0.04	cps
Carbon	12-2	46507	47352	46090	46650	1.38	cps
Chlorine	35-1	471903	465930	463629	467154	0.91	cps
Chlorine	35-2	4267	3684	3476	3809	10.78	cps
Chromium	52-2	583	547	637	589	7.69	cps
Cobalt	59-2	63	63	50	59	13.07	cps
Copper	63-1	2066	1949	1909	1975	4.13	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	33	17	39	65.47	cps
Erbium	164-2	17	7	30	18	65.83	cps
Gadolinium	160-1	17	17	50	28	69.27	cps
Gadolinium	160-2	37	57	40	44	24.11	cps
Holmium	165-1	4009977	4299346	4328612	4212645	4.18	cps
Holmium	165-2	2038866	2070385	2055668	2054973	0.77	cps
Indium	115-1	3569400	3956164	3834842	3786802	5.22	cps
Indium	115-2	667715	665514	663235	665488	0.34	cps
Iron	54-2	589	567	544	567	3.92	cps
Iron	56-2	3045	3345	3078	3156	5.21	cps
Iron	57-2	244	178	217	213	15.72	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:28:24	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	780	637	800	739	12.06	cps
Lead	206-1	467	428	456	450	4.45	cps
Lead	207-1	350	422	394	389	9.37	cps
Lead	208-1	1811	1895	1950	1885	3.71	cps
Lithium	6-1	1327448	1389277	1480465	1399064	5.50	cps
Magnesium	24-2	467	467	433	456	4.23	cps
Manganese	55-2	63	63	57	61	6.29	cps
Molybdenum	94-1	175	167	158	167	5.00	cps
Molybdenum	95-1	125	58	92	92	36.37	cps
Molybdenum	96-1	175	200	167	181	9.61	cps
Molybdenum	97-1	42	42	8	31	62.99	cps
Molybdenum	98-1	83	92	125	100	22.04	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	147	177	150	158	10.42	cps
Phosphorus	31-2	217	208	117	181	30.73	cps
Potassium	39-2	20006	20357	20265	20209	0.90	cps
Rhodium	103-1	3477011	3840635	3726473	3681373	5.05	cps
Rhodium	103-2	1859423	1855764	1793088	1836091	2.03	cps
Scandium	45-1	2762129	2882926	2909971	2851675	2.76	cps
Scandium	45-2	113225	109571	111619	111472	1.64	cps
Selenium	77-1	130	180	120	143	22.43	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	76	56	61	64	16.18	cps
Selenium	82-1	-53	70	-87	-23	-353.62	cps
Silicon	28-1	622013	626129	614950	621031	0.91	cps
Silver	107-1	67	58	75	67	12.49	cps
Silver	109-1	42	67	100	69	42.14	cps
Sodium	23-2	15550	14533	15400	15161	3.62	cps
Strontium	86-1	1200	1200	1133	1178	3.27	cps
Strontium	88-1	317	267	300	294	8.65	cps
Sulfur	34-1	293249	294023	292194	293155	0.31	cps
Terbium	159-1	4168437	4618394	4445065	4410632	5.15	cps
Terbium	159-2	2061084	2114885	2054110	2076693	1.60	cps
Thallium	203-1	425	400	500	442	11.78	cps
Thallium	205-1	983	1008	950	981	2.98	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:28:24	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	392	458	375	408	10.80	cps
Titanium	47-1	192	158	117	156	24.16	cps
Uranium	238-1	33	0	42	25	88.19	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Ytterbium	172-1	0	58	17	25	120.18	cps
Ytterbium	172-2	0	0	6	2	173.21	cps
Ytterbium	176-1	400	350	300	350	14.29	cps
Ytterbium	176-2	2250	2717	2811	2593	11.59	cps
Yttrium	89-1	5413798	6078472	5939873	5810714	6.03	cps
Yttrium	89-2	716826	726752	729085	724221	0.90	cps
Zinc	66-2	127	177	130	144	19.35	cps
Zirconium	90-1	325	342	400	356	11.08	cps
Zirconium	91-1	58	33	67	53	32.87	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:31:28	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	831	796	780	802	3.26	cps
Antimony	121-1	6752	6452	6202	6468	4.26	cps
Arsenic	75-2	121	121	118	120	1.44	cps
Barium	135-1	8561	8878	8953	8798	2.36	cps
Barium	137-1	14917	15418	15476	15270	2.01	cps
Beryllium	9-1	994	1012	1026	1011	1.59	cps
Bismuth	209-1	2412939	2551743	2372576	2445753	3.84	cps
Bismuth	209-2	1352361	1345279	1322897	1340179	1.15	cps
Boron	10-1	3226	3458	3438	3374	3.81	cps
Boron	11-1	15599	16390	16452	16147	2.94	cps
Bromine	81-1	19073	18862	19273	19070	1.08	cps
Cadmium	111-1	1985	2046	1963	1998	2.13	cps
Cadmium	106-1	1750	1567	1467	1595	9.01	cps
Cadmium	108-1	88	79	67	78	13.48	cps
Calcium	43-1	6523	6676	6597	6599	1.16	cps
Calcium	44-1	119144	120322	118518	119328	0.77	cps
Carbon	12-1	4534551	4639272	4667400	4613741	1.52	cps
Carbon	12-2	50730	50688	50805	50741	0.12	cps
Chlorine	35-1	422076	424860	418802	421913	0.72	cps
Chlorine	35-2	3501	3384	3167	3351	5.05	cps
Chromium	52-2	2997	3107	3047	3050	1.81	cps
Cobalt	59-2	2287	2300	2610	2399	7.63	cps
Copper	63-1	11573	11674	11580	11609	0.48	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	13	40	17	23	62.27	cps
Gadolinium	160-1	67	50	8	42	72.12	cps
Gadolinium	160-2	27	20	23	23	14.29	cps
Holmium	165-1	4189119	4125975	4152075	4155723	0.76	cps
Holmium	165-2	2007938	2002463	2093591	2034664	2.51	cps
Indium	115-1	3845993	3965647	3875129	3895590	1.60	cps
Indium	115-2	666424	656867	661364	661552	0.72	cps
Iron	54-2	3245	3500	3473	3406	4.12	cps
Iron	56-2	55999	56718	54632	55783	1.90	cps
Iron	57-2	1561	1589	1633	1595	2.29	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:31:28	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	727	673	577	659	11.54	cps
Lead	206-1	2900	2984	2906	2930	1.59	cps
Lead	207-1	2500	2495	2517	2504	0.46	cps
Lead	208-1	11558	11647	11391	11532	1.13	cps
Lithium	6-1	1366803	1331298	1387670	1361924	2.09	cps
Magnesium	24-2	52520	52353	52754	52543	0.38	cps
Manganese	55-2	973	830	940	914	8.20	cps
Molybdenum	94-1	8470	8553	8119	8381	2.75	cps
Molybdenum	95-1	9929	9879	10212	10007	1.80	cps
Molybdenum	96-1	11113	10963	11213	11096	1.14	cps
Molybdenum	97-1	5885	5885	5951	5907	0.65	cps
Molybdenum	98-1	16193	16101	15426	15907	2.64	cps
Neodymium	150-1	27	20	0	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	807	823	817	816	1.03	cps
Phosphorus	31-2	208	283	258	250	15.27	cps
Potassium	39-2	61189	61172	61582	61314	0.38	cps
Rhodium	103-1	3649931	3712934	3671412	3678092	0.87	cps
Rhodium	103-2	1907890	1885404	1850325	1881207	1.54	cps
Scandium	45-1	2812781	2860078	2808668	2827176	1.01	cps
Scandium	45-2	111687	110957	111730	111458	0.39	cps
Selenium	77-1	511	470	491	491	4.08	cps
Selenium	77-2	10	10	17	12	31.50	cps
Selenium	78-2	102	112	135	116	14.54	cps
Selenium	82-1	285	312	461	352	26.87	cps
Silicon	28-1	653265	656463	655799	655176	0.26	cps
Silver	107-1	4618	4201	4451	4423	4.74	cps
Silver	109-1	4367	4217	4392	4326	2.19	cps
Sodium	23-2	112381	113491	113414	113095	0.55	cps
Strontium	86-1	2484	2425	2659	2523	4.82	cps
Strontium	88-1	11980	11563	11688	11744	1.82	cps
Sulfur	34-1	294048	293741	290215	292668	0.73	cps
Terbium	159-1	4390777	4459771	4495582	4448710	1.20	cps
Terbium	159-2	2081082	2041066	2022725	2048291	1.46	cps
Thallium	203-1	2950	3234	3200	3128	4.95	cps
Thallium	205-1	7719	7894	7611	7741	1.85	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:31:28	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	16844	16177	15167	16063	5.26	cps
Titanium	47-1	3484	3267	3534	3428	4.14	cps
Uranium	238-1	8286	9212	9220	8906	6.03	cps
Vanadium	51-2	5171	5401	5141	5238	2.72	cps
Ytterbium	172-1	33	17	17	22	43.28	cps
Ytterbium	172-2	0	11	11	7	86.60	cps
Ytterbium	176-1	483	483	383	450	12.83	cps
Ytterbium	176-2	2395	2322	2723	2480	8.60	cps
Yttrium	89-1	5802063	5840500	5864184	5835582	0.54	cps
Yttrium	89-2	724749	719585	721412	721915	0.36	cps
Zinc	66-2	830	717	750	766	7.61	cps
Zirconium	90-1	7319	7127	7144	7196	1.48	cps
Zirconium	91-1	1725	1542	1500	1589	7.53	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:34:34	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39553	39314	39429	39432	0.30	cps
Antimony	121-1	173941	176760	171240	173981	1.59	cps
Arsenic	75-2	6324	6174	6260	6253	1.20	cps
Barium	135-1	234233	239990	230098	234774	2.12	cps
Barium	137-1	396890	409944	402214	403016	1.63	cps
Beryllium	9-1	46835	47192	47521	47182	0.73	cps
Bismuth	209-1	2796521	2611394	2537714	2648543	5.03	cps
Bismuth	209-2	1373572	1394381	1386306	1384753	0.76	cps
Boron	10-1	9969	10916	11280	10722	6.31	cps
Boron	11-1	47028	51439	53938	50802	6.89	cps
Bromine	81-1	19975	19193	18582	19250	3.63	cps
Cadmium	111-1	46742	48052	46297	47030	1.94	cps
Cadmium	106-1	6152	6310	6302	6254	1.43	cps
Cadmium	108-1	3321	3459	3717	3499	5.75	cps
Calcium	43-1	70336	70455	71655	70816	1.03	cps
Calcium	44-1	1122350	1134598	1131350	1129433	0.56	cps
Carbon	12-1	4430904	4450923	4336335	4406054	1.39	cps
Carbon	12-2	47436	46465	46867	46923	1.04	cps
Chlorine	35-1	380264	380568	372390	377741	1.23	cps
Chlorine	35-2	3426	3275	3167	3289	3.94	cps
Chromium	52-2	69404	68771	70195	69456	1.03	cps
Cobalt	59-2	121991	118757	120509	120419	1.34	cps
Copper	63-1	2504138	2437355	2426313	2455935	1.71	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Erbium	164-1	17	42	42	33	43.30	cps
Erbium	164-2	20	17	23	20	16.65	cps
Gadolinium	160-1	50	83	25	53	55.46	cps
Gadolinium	160-2	30	33	63	42	43.48	cps
Holmium	165-1	4710555	4290158	4408253	4469655	4.85	cps
Holmium	165-2	2121865	2141640	2132282	2131929	0.46	cps
Indium	115-1	4338921	3944526	3891136	4058194	6.03	cps
Indium	115-2	675767	685378	672117	677754	1.01	cps
Iron	54-2	154600	150315	148010	150975	2.22	cps
Iron	56-2	2812940	2845931	2785469	2814780	1.08	cps
Iron	57-2	67124	68268	67163	67519	0.96	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:34:34	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	720	637	737	698	7.68	cps
Lead	206-1	610221	618127	620021	616123	0.84	cps
Lead	207-1	550018	550707	546404	549043	0.42	cps
Lead	208-1	2459831	2508510	2489753	2486031	0.99	cps
Lithium	6-1	1534271	1415413	1415955	1455213	4.70	cps
Magnesium	24-2	557849	548126	550233	552069	0.93	cps
Manganese	55-2	358358	349810	352518	353562	1.24	cps
Molybdenum	94-1	771587	778580	772085	774084	0.50	cps
Molybdenum	95-1	1126698	1117285	1129431	1124471	0.57	cps
Molybdenum	96-1	1227246	1214325	1230543	1224038	0.70	cps
Molybdenum	97-1	694874	711968	697645	701496	1.31	cps
Molybdenum	98-1	1818415	1840554	1877182	1845383	1.61	cps
Neodymium	150-1	40	27	20	29	35.25	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	32708	32163	32541	32470	0.86	cps
Phosphorus	31-2	2284	1992	2059	2111	7.24	cps
Potassium	39-2	246477	239797	244768	243681	1.42	cps
Rhodium	103-1	4232739	3778419	3769434	3926864	6.75	cps
Rhodium	103-2	1939212	1927496	1953581	1940097	0.67	cps
Scandium	45-1	3186581	2903290	2909269	2999714	5.40	cps
Scandium	45-2	112751	113323	113276	113117	0.28	cps
Selenium	77-1	2603	3084	3294	2993	11.83	cps
Selenium	77-2	143	123	120	129	9.79	cps
Selenium	78-2	497	509	530	512	3.26	cps
Selenium	82-1	3477	3598	3482	3519	1.94	cps
Silicon	28-1	2987773	3020947	3003391	3004037	0.55	cps
Silver	107-1	228478	238639	234339	233819	2.18	cps
Silver	109-1	219894	227873	223075	223614	1.80	cps
Sodium	23-2	1133316	1099441	1099961	1110906	1.75	cps
Strontium	86-1	717282	716738	700317	711446	1.36	cps
Strontium	88-1	5973341	6227670	5951779	6050930	2.54	cps
Sulfur	34-1	313881	310882	307811	310858	0.98	cps
Terbium	159-1	4998069	4638339	4574114	4736841	4.82	cps
Terbium	159-2	2130905	2185095	2122143	2146048	1.59	cps
Thallium	203-1	154533	154837	157071	155480	0.89	cps
Thallium	205-1	361447	371061	365628	366045	1.32	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:34:34	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	159725	157813	160653	159397	0.91	cps
Titanium	47-1	359381	357452	356017	357616	0.47	cps
Uranium	238-1	464962	465922	466876	465920	0.21	cps
Vanadium	51-2	56240	56139	55290	55890	0.93	cps
Ytterbium	172-1	50	25	33	36	35.25	cps
Ytterbium	172-2	6	11	17	11	49.99	cps
Ytterbium	176-1	1350	1317	1108	1258	10.41	cps
Ytterbium	176-2	2873	2895	3112	2960	4.46	cps
Yttrium	89-1	6554136	5898344	6053554	6168678	5.56	cps
Yttrium	89-2	743657	753007	732602	743089	1.37	cps
Zinc	66-2	98681	99309	99584	99191	0.47	cps
Zirconium	90-1	373422	375200	381385	376669	1.11	cps
Zirconium	91-1	82403	84616	84046	83688	1.37	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 14:37:37 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98153	97645	96459	97419	0.89	cps
Antimony	121-1	467639	460481	453481	460534	1.54	cps
Arsenic	75-2	16006	15391	15421	15606	2.22	cps
Barium	135-1	604607	619332	606590	610176	1.31	cps
Barium	137-1	1060669	1030731	1053927	1048442	1.50	cps
Beryllium	9-1	119006	119953	120699	119886	0.71	cps
Bismuth	209-1	2550142	2548461	2640524	2579709	2.04	cps
Bismuth	209-2	1392805	1414359	1415820	1407661	0.92	cps
Boron	10-1	23154	25761	27236	25384	8.14	cps
Boron	11-1	113415	124931	130592	122979	7.12	cps
Bromine	81-1	18602	20146	18471	19073	4.88	cps
Cadmium	111-1	118278	120334	120412	119675	1.01	cps
Cadmium	106-1	14541	13632	14767	14313	4.20	cps
Cadmium	108-1	9470	8824	9553	9282	4.30	cps
Calcium	43-1	179700	182083	181630	181138	0.70	cps
Calcium	44-1	2974766	2923504	2986386	2961552	1.13	cps
Carbon	12-1	4453233	4468127	4465670	4462343	0.18	cps
Carbon	12-2	49492	49509	48773	49258	0.85	cps
Chlorine	35-1	338114	335967	335701	336594	0.39	cps
Chlorine	35-2	2609	3025	2567	2734	9.27	cps
Chromium	52-2	172906	171312	173272	172497	0.60	cps
Cobalt	59-2	304157	299463	302191	301937	0.78	cps
Copper	63-1	6223705	6212401	6239309	6225138	0.22	cps
Dysprosium	156-1	42	42	33	39	12.38	cps
Dysprosium	156-2	17	3	20	13	66.16	cps
Erbium	164-1	42	25	42	36	26.65	cps
Erbium	164-2	13	20	20	18	21.66	cps
Gadolinium	160-1	25	42	58	42	40.00	cps
Gadolinium	160-2	57	47	70	58	20.26	cps
Holmium	165-1	4542067	4438930	4356739	4445912	2.09	cps
Holmium	165-2	2195606	2167829	2172655	2178697	0.68	cps
Indium	115-1	3878153	3884929	3955427	3906169	1.10	cps
Indium	115-2	679724	681144	675980	678949	0.39	cps
Iron	54-2	381935	380052	377315	379767	0.61	cps
Iron	56-2	6987942	6917937	6906060	6937313	0.64	cps
Iron	57-2	168169	166494	169033	167899	0.77	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:37:37	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	750	620	693	688	9.48	cps
Lead	206-1	1716500	1724068	1713364	1717977	0.32	cps
Lead	207-1	1425159	1426713	1401467	1417780	1.00	cps
Lead	208-1	6763028	6730230	6821247	6771502	0.68	cps
Lithium	6-1	1465222	1441862	1492996	1466693	1.75	cps
Magnesium	24-2	1444628	1408637	1416052	1423106	1.34	cps
Manganese	55-2	882448	874883	878686	878672	0.43	cps
Molybdenum	94-1	2028080	2071616	2046389	2048695	1.07	cps
Molybdenum	95-1	2992078	3005997	2842797	2946957	3.07	cps
Molybdenum	96-1	3280145	3210970	3248960	3246692	1.07	cps
Molybdenum	97-1	1835022	1777198	1830295	1814172	1.77	cps
Molybdenum	98-1	4679081	4568686	4687885	4645217	1.43	cps
Neodymium	150-1	13	40	27	27	50.01	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	81888	81740	81073	81567	0.53	cps
Phosphorus	31-2	5059	5143	5159	5120	1.05	cps
Potassium	39-2	578814	576596	575141	576850	0.32	cps
Rhodium	103-1	3822270	3795758	3875346	3831124	1.06	cps
Rhodium	103-2	1918068	1896498	1956817	1923794	1.59	cps
Scandium	45-1	2887137	2919122	2908722	2904993	0.56	cps
Scandium	45-2	112843	111707	112032	112194	0.52	cps
Selenium	77-1	6799	6979	6949	6909	1.40	cps
Selenium	77-2	343	360	320	341	5.89	cps
Selenium	78-2	1178	1240	1200	1206	2.61	cps
Selenium	82-1	8931	9205	9058	9064	1.51	cps
Silicon	28-1	6474807	6513563	6505913	6498094	0.32	cps
Silver	107-1	604407	602589	585011	597336	1.79	cps
Silver	109-1	584636	594609	577423	585556	1.47	cps
Sodium	23-2	2778047	2753559	2689914	2740507	1.66	cps
Strontium	86-1	1912310	1834828	1878854	1875331	2.07	cps
Strontium	88-1	15519114	15984334	15582864	15695438	1.61	cps
Sulfur	34-1	341434	341543	338426	340468	0.52	cps
Terbium	159-1	4491503	4638503	4780190	4636732	3.11	cps
Terbium	159-2	2149316	2130180	2111833	2130443	0.88	cps
Thallium	203-1	407774	401239	405360	404791	0.82	cps
Thallium	205-1	960615	938046	952527	950396	1.20	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:37:37	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	412161	409460	416934	412852	0.92	cps
Titanium	47-1	921039	914739	920987	918922	0.39	cps
Uranium	238-1	1239961	1214700	1270933	1241865	2.27	cps
Vanadium	51-2	143100	141312	140677	141697	0.89	cps
Ytterbium	172-1	33	50	25	36	35.25	cps
Ytterbium	172-2	11	0	17	9	91.66	cps
Ytterbium	176-1	2109	2325	2425	2286	7.08	cps
Ytterbium	176-2	3512	3651	3834	3665	4.41	cps
Yttrium	89-1	5995595	6014526	5970069	5993397	0.37	cps
Yttrium	89-2	734517	740096	740575	738396	0.46	cps
Zinc	66-2	250210	244883	250622	248572	1.29	cps
Zirconium	90-1	973576	993491	967605	978224	1.39	cps
Zirconium	91-1	221717	221137	214249	219034	1.90	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 14:40:43 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191417	191246	188178	190280	0.96	cps
Antimony	121-1	891711	904727	891271	895903	0.85	cps
Arsenic	75-2	30591	30153	30544	30429	0.79	cps
Barium	135-1	1179047	1200416	1184303	1187922	0.94	cps
Barium	137-1	2098965	2054306	2148588	2100620	2.25	cps
Beryllium	9-1	232658	235132	234726	234172	0.57	cps
Bismuth	209-1	2589602	2671709	2603558	2621623	1.68	cps
Bismuth	209-2	1401595	1383884	1393592	1393024	0.64	cps
Boron	10-1	46939	51454	52704	50365	6.02	cps
Boron	11-1	222073	239671	255310	239018	6.96	cps
Bromine	81-1	17148	17199	18060	17469	2.93	cps
Cadmium	111-1	226562	235690	229243	230498	2.04	cps
Cadmium	106-1	25908	26251	26309	26156	0.83	cps
Cadmium	108-1	17207	16514	18083	17268	4.55	cps
Calcium	43-1	351392	352428	355353	353058	0.58	cps
Calcium	44-1	5765483	5654738	5467939	5629386	2.67	cps
Carbon	12-1	4506163	4513540	4630861	4550188	1.54	cps
Carbon	12-2	49735	49685	49225	49548	0.57	cps
Chlorine	35-1	307545	308845	304896	307096	0.66	cps
Chlorine	35-2	2367	2417	2559	2447	4.06	cps
Chromium	52-2	340433	339191	335884	338503	0.69	cps
Cobalt	59-2	586389	585382	576097	582623	0.97	cps
Copper	63-1	12065528	11771344	11898822	11911898	1.24	cps
Dysprosium	156-1	50	100	125	92	41.66	cps
Dysprosium	156-2	20	43	23	29	43.68	cps
Erbium	164-1	50	75	58	61	20.83	cps
Erbium	164-2	37	40	40	39	4.94	cps
Gadolinium	160-1	25	83	92	67	54.49	cps
Gadolinium	160-2	63	63	57	61	6.29	cps
Holmium	165-1	4532661	4406752	4470584	4469999	1.41	cps
Holmium	165-2	2145034	2170502	2159751	2158429	0.59	cps
Indium	115-1	3894169	3929842	3972811	3932274	1.00	cps
Indium	115-2	677444	666033	665693	669723	1.00	cps
Iron	54-2	735924	731335	728746	732002	0.50	cps
Iron	56-2	13643576	13602635	13751352	13665854	0.56	cps
Iron	57-2	325991	331444	323906	327114	1.19	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:40:43	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	663	617	652	4.83	cps
Lead	206-1	3213037	3328808	3361775	3301207	2.37	cps
Lead	207-1	2850119	3003374	2897039	2916844	2.69	cps
Lead	208-1	12876181	13493991	13235874	13202015	2.35	cps
Lithium	6-1	1488906	1461383	1462103	1470797	1.07	cps
Magnesium	24-2	2770015	2786972	2720224	2759071	1.26	cps
Manganese	55-2	1797611	1782432	1766472	1782172	0.87	cps
Molybdenum	94-1	3988767	4009859	3927626	3975417	1.07	cps
Molybdenum	95-1	5691119	5750825	5717412	5719785	0.52	cps
Molybdenum	96-1	6323654	6325452	6203124	6284077	1.12	cps
Molybdenum	97-1	3553275	3506075	3525906	3528419	0.67	cps
Molybdenum	98-1	9041450	8911903	8944180	8965844	0.75	cps
Neodymium	150-1	67	127	153	116	38.41	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	157114	157023	155951	156696	0.41	cps
Phosphorus	31-2	9779	9562	9912	9751	1.81	cps
Potassium	39-2	1100138	1100357	1083556	1094684	0.88	cps
Rhodium	103-1	3773199	3764247	3797229	3778225	0.45	cps
Rhodium	103-2	1905151	1840278	1856216	1867215	1.81	cps
Scandium	45-1	2985702	2923627	2812289	2907206	3.02	cps
Scandium	45-2	110753	110695	109759	110402	0.51	cps
Selenium	77-1	13801	14402	14342	14182	2.34	cps
Selenium	77-2	650	630	623	634	2.19	cps
Selenium	78-2	2308	2210	2279	2266	2.22	cps
Selenium	82-1	17911	17676	17727	17771	0.70	cps
Silicon	28-1	12086533	12337572	11979823	12134643	1.51	cps
Silver	107-1	1143581	1193355	1199630	1178855	2.61	cps
Silver	109-1	1141684	1141264	1129774	1137574	0.59	cps
Sodium	23-2	5329248	5235147	5253109	5272501	0.95	cps
Strontium	86-1	3613695	3595949	3598468	3602704	0.27	cps
Strontium	88-1	30681411	30576557	30644910	30634293	0.17	cps
Sulfur	34-1	385006	387032	385423	385820	0.28	cps
Terbium	159-1	4606063	4619717	4604105	4609962	0.18	cps
Terbium	159-2	2085628	2090360	2112318	2096102	0.68	cps
Thallium	203-1	788992	776042	798657	787897	1.44	cps
Thallium	205-1	1871060	1926160	1931745	1909655	1.76	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:40:43	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	794775	794775	811249	800266	1.19	cps
Titanium	47-1	1804276	1776793	1762268	1781112	1.20	cps
Uranium	238-1	2523328	2610312	2530077	2554572	1.89	cps
Vanadium	51-2	274086	274549	272732	273789	0.34	cps
Ytterbium	172-1	50	17	58	42	52.91	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	3967	3509	3734	3737	6.14	cps
Ytterbium	176-2	4506	4390	4556	4484	1.91	cps
Yttrium	89-1	6159605	6190361	6178716	6176227	0.25	cps
Yttrium	89-2	732155	726590	731746	730164	0.42	cps
Zinc	66-2	485053	483289	484600	484314	0.19	cps
Zirconium	90-1	1968077	1992420	1980180	1980226	0.61	cps
Zirconium	91-1	429924	439201	424087	431070	1.77	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 14:43:47 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	381798	378370	374448	378205	0.97	cps
Antimony	121-1	1854675	1859947	1835957	1850193	0.68	cps
Arsenic	75-2	60827	61192	60646	60888	0.46	cps
Barium	135-1	2490114	2472055	2417235	2459801	1.54	cps
Barium	137-1	4269769	4156008	4159262	4195013	1.54	cps
Beryllium	9-1	468581	468727	465594	467634	0.38	cps
Bismuth	209-1	2727959	2780199	2611766	2706641	3.19	cps
Bismuth	209-2	1385389	1395539	1379917	1386948	0.57	cps
Boron	10-1	97391	103438	107963	102931	5.15	cps
Boron	11-1	458258	492376	509650	486761	5.37	cps
Bromine	81-1	18582	17439	17599	17873	3.46	cps
Cadmium	111-1	462076	465928	466274	464759	0.50	cps
Cadmium	106-1	50819	51054	52769	51547	2.06	cps
Cadmium	108-1	35629	35312	34167	35036	2.19	cps
Calcium	43-1	711987	714720	709270	711992	0.38	cps
Calcium	44-1	11498671	11516920	11450272	11488621	0.30	cps
Carbon	12-1	4782940	4935758	4857921	4858873	1.57	cps
Carbon	12-2	53958	53723	54660	54114	0.90	cps
Chlorine	35-1	290015	288892	284263	287723	1.06	cps
Chlorine	35-2	2367	2067	2109	2181	7.45	cps
Chromium	52-2	667628	666634	662382	665548	0.42	cps
Cobalt	59-2	1157441	1169774	1160021	1162412	0.56	cps
Copper	63-1	24037067	23717057	23994369	23916165	0.73	cps
Dysprosium	156-1	117	83	75	92	24.05	cps
Dysprosium	156-2	53	77	50	60	24.22	cps
Erbium	164-1	67	42	108	72	46.63	cps
Erbium	164-2	47	23	33	34	34.00	cps
Gadolinium	160-1	92	142	92	108	26.65	cps
Gadolinium	160-2	60	90	83	78	20.25	cps
Holmium	165-1	4615178	4425219	4523165	4521187	2.10	cps
Holmium	165-2	2122406	2201555	2187323	2170428	1.94	cps
Indium	115-1	3996252	3971288	3894684	3954075	1.34	cps
Indium	115-2	667539	667898	680540	671992	1.10	cps
Iron	54-2	1539293	1522222	1495040	1518852	1.47	cps
Iron	56-2	26898598	26731037	27098443	26909359	0.68	cps
Iron	57-2	646769	649438	643438	646548	0.46	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:43:47	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	663	720	670	7.02	cps
Lead	206-1	6852873	6805142	6664154	6774056	1.45	cps
Lead	207-1	5927154	5903871	5811250	5880758	1.04	cps
Lead	208-1	27328924	27515012	26524671	27122869	1.94	cps
Lithium	6-1	1463292	1493403	1485474	1480723	1.05	cps
Magnesium	24-2	5529425	5556059	5487202	5524229	0.63	cps
Manganese	55-2	3536916	3529743	3504923	3523861	0.48	cps
Molybdenum	94-1	7900766	7939476	7822244	7887495	0.76	cps
Molybdenum	95-1	11361601	11550562	11513363	11475175	0.87	cps
Molybdenum	96-1	12446441	12702988	12559146	12569525	1.02	cps
Molybdenum	97-1	7186660	7042144	6923749	7050851	1.87	cps
Molybdenum	98-1	18335008	18192547	18289736	18272430	0.40	cps
Neodymium	150-1	160	167	133	153	11.50	cps
Neodymium	150-2	23	27	43	31	34.44	cps
Nickel	60-2	311847	313536	310212	311865	0.53	cps
Phosphorus	31-2	19005	18813	19330	19049	1.37	cps
Potassium	39-2	2251841	2233266	2215173	2233426	0.82	cps
Rhodium	103-1	3862492	3802724	3856655	3840624	0.86	cps
Rhodium	103-2	1784837	1844042	1911161	1846680	3.42	cps
Scandium	45-1	3057644	3009267	3041111	3036007	0.81	cps
Scandium	45-2	113330	111848	109795	111658	1.59	cps
Selenium	77-1	27435	27375	27064	27291	0.73	cps
Selenium	77-2	1313	1357	1257	1309	3.83	cps
Selenium	78-2	4323	4504	4409	4412	2.05	cps
Selenium	82-1	35866	35786	35583	35745	0.41	cps
Silicon	28-1	23593230	23748761	23726073	23689355	0.35	cps
Silver	107-1	2508893	2450515	2361950	2440453	3.03	cps
Silver	109-1	2271194	2303922	2369431	2314849	2.16	cps
Sodium	23-2	10534534	10551878	10423612	10503341	0.66	cps
Strontium	86-1	7165597	6999845	7303937	7156460	2.13	cps
Strontium	88-1	62189824	60728064	61347572	61421820	1.19	cps
Sulfur	34-1	502199	502322	501713	502078	0.06	cps
Terbium	159-1	4863182	4998178	4722401	4861254	2.84	cps
Terbium	159-2	2158756	2177163	2167638	2167853	0.42	cps
Thallium	203-1	1589094	1678804	1598560	1622153	3.04	cps
Thallium	205-1	3860851	3859529	3812168	3844183	0.72	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:43:47	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1622500	1649833	1604683	1625672	1.40	cps
Titanium	47-1	3662095	3621551	3629291	3637645	0.59	cps
Uranium	238-1	5050744	5179037	4977637	5069139	2.01	cps
Vanadium	51-2	545690	547280	545967	546312	0.16	cps
Ytterbium	172-1	67	50	92	69	30.20	cps
Ytterbium	172-2	22	39	11	24	58.08	cps
Ytterbium	176-1	7544	7519	7727	7597	1.50	cps
Ytterbium	176-2	5885	5868	6257	6003	3.66	cps
Yttrium	89-1	6302595	6108471	6223419	6211495	1.57	cps
Yttrium	89-2	740195	742015	746146	742785	0.41	cps
Zinc	66-2	956707	945244	947577	949843	0.64	cps
Zirconium	90-1	3914267	3860752	3897812	3890944	0.70	cps
Zirconium	91-1	860296	859748	863309	861117	0.22	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:46:52	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	766682	749874	743683	753413	1.58	cps
Antimony	121-1	3708925	3752485	3725166	3728858	0.59	cps
Arsenic	75-2	122379	121094	119954	121142	1.00	cps
Barium	135-1	4995010	4954580	4945505	4965032	0.53	cps
Barium	137-1	8555562	8207668	8332641	8365290	2.11	cps
Beryllium	9-1	943785	927310	932949	934681	0.90	cps
Bismuth	209-1	2657363	2652243	2591850	2633819	1.38	cps
Bismuth	209-2	1396278	1397340	1370551	1388056	1.09	cps
Boron	10-1	198278	211144	216798	208740	4.55	cps
Boron	11-1	896200	969386	979838	948475	4.80	cps
Bromine	81-1	18341	18481	19233	18685	2.57	cps
Cadmium	111-1	942287	928398	918242	929642	1.30	cps
Cadmium	106-1	101365	103774	104025	103055	1.43	cps
Cadmium	108-1	70555	70894	70890	70780	0.27	cps
Calcium	43-1	1514044	1478128	1477485	1489886	1.40	cps
Calcium	44-1	23743735	22998217	22647803	23129919	2.42	cps
Carbon	12-1	5444313	5686845	5744590	5625250	2.83	cps
Carbon	12-2	64659	65061	65003	64908	0.33	cps
Chlorine	35-1	271606	269433	263672	268237	1.53	cps
Chlorine	35-2	1992	2192	1867	2017	8.13	cps
Chromium	52-2	1420625	1376923	1376226	1391258	1.83	cps
Cobalt	59-2	2443429	2393626	2361680	2399579	1.72	cps
Copper	63-1	47992654	48022595	47519005	47844751	0.59	cps
Dysprosium	156-1	225	300	233	253	16.26	cps
Dysprosium	156-2	107	90	123	107	15.63	cps
Erbium	164-1	100	117	142	119	17.56	cps
Erbium	164-2	53	40	40	44	17.32	cps
Gadolinium	160-1	175	233	217	208	14.42	cps
Gadolinium	160-2	130	93	137	120	19.45	cps
Holmium	165-1	4607545	4579924	4690694	4626054	1.25	cps
Holmium	165-2	2206606	2218212	2184435	2203084	0.78	cps
Indium	115-1	3809212	3969252	3941858	3906774	2.19	cps
Indium	115-2	671360	671551	657174	666695	1.24	cps
Iron	54-2	3103717	3039222	3008456	3050465	1.59	cps
Iron	56-2	53974237	54210389	53182341	53788989	1.00	cps
Iron	57-2	1307597	1296508	1261677	1288594	1.86	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:46:52	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	727	723	730	727	0.46	cps
Lead	206-1	13992968	13351597	13524976	13623180	2.44	cps
Lead	207-1	12094919	11769998	11898988	11921302	1.37	cps
Lead	208-1	55082359	54045573	53518162	54215364	1.47	cps
Lithium	6-1	1393190	1486767	1528856	1469604	4.73	cps
Magnesium	24-2	11067585	10697033	10606814	10790477	2.26	cps
Manganese	55-2	7109204	7198009	6932954	7080056	1.91	cps
Molybdenum	94-1	16344787	15966107	15642467	15984454	2.20	cps
Molybdenum	95-1	23542217	23216831	22945447	23234832	1.29	cps
Molybdenum	96-1	25726627	25784333	25207393	25572784	1.24	cps
Molybdenum	97-1	14371991	14402562	14173264	14315939	0.87	cps
Molybdenum	98-1	37060166	36843682	36332805	36745551	1.02	cps
Neodymium	150-1	273	280	287	280	2.38	cps
Neodymium	150-2	37	57	40	44	24.11	cps
Nickel	60-2	620290	612853	598697	610613	1.80	cps
Phosphorus	31-2	38477	37566	36898	37647	2.11	cps
Potassium	39-2	4396856	4307952	4341427	4348745	1.03	cps
Rhodium	103-1	3742853	3840361	3864494	3815903	1.69	cps
Rhodium	103-2	1837702	1881280	1839309	1852764	1.33	cps
Scandium	45-1	2947444	2942237	2984678	2958119	0.78	cps
Scandium	45-2	113977	112244	110003	112075	1.78	cps
Selenium	77-1	55636	55335	57044	56005	1.63	cps
Selenium	77-2	2720	2470	2594	2595	4.82	cps
Selenium	78-2	8521	8668	8417	8535	1.47	cps
Selenium	82-1	72322	70835	70749	71302	1.24	cps
Silicon	28-1	45940525	45413383	45166440	45506783	0.87	cps
Silver	107-1	4785410	4978525	4767913	4843949	2.41	cps
Silver	109-1	4769563	4551534	4530301	4617133	2.87	cps
Sodium	23-2	21398360	20813346	20551823	20921176	2.07	cps
Strontium	86-1	14763780	14600334	14833555	14732556	0.81	cps
Strontium	88-1	128314603	125043194	128009428	127122408	1.42	cps
Sulfur	34-1	741632	722404	731579	731872	1.31	cps
Terbium	159-1	4830761	4872792	4718068	4807207	1.66	cps
Terbium	159-2	2200161	2224044	2170747	2198317	1.21	cps
Thallium	203-1	3464479	3423747	3316679	3401635	2.24	cps
Thallium	205-1	7983206	7728025	7665317	7792183	2.16	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:46:52	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3225152	3281397	3267362	3257970	0.90	cps
Titanium	47-1	7270516	7175459	7174235	7206737	0.77	cps
Uranium	238-1	10414794	10164343	10067179	10215439	1.76	cps
Vanadium	51-2	1109086	1084861	1077402	1090450	1.52	cps
Ytterbium	172-1	83	25	92	67	54.49	cps
Ytterbium	172-2	67	50	39	52	26.97	cps
Ytterbium	176-1	14950	14775	14750	14825	0.74	cps
Ytterbium	176-2	9265	9715	9403	9461	2.44	cps
Yttrium	89-1	6228353	6324174	6347644	6300057	1.00	cps
Yttrium	89-2	752607	735685	742581	743624	1.14	cps
Zinc	66-2	1950040	1929258	1933327	1937542	0.57	cps
Zirconium	90-1	8189360	7916433	7710545	7938780	3.03	cps
Zirconium	91-1	1846849	1807123	1750310	1801427	2.69	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:49:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3674777	3561483	3528359	3588206	2.14	cps
Antimony	121-1	3125	3592	3142	3287	8.06	cps
Arsenic	75-2	54	55	56	55	1.82	cps
Barium	135-1	3734	2584	2117	2812	29.61	cps
Barium	137-1	8683	4635	3601	5639	47.63	cps
Beryllium	9-1	1086	720	672	826	27.42	cps
Bismuth	209-1	2412754	2446639	2378679	2412691	1.41	cps
Bismuth	209-2	1230489	1206949	1285447	1240961	3.25	cps
Boron	10-1	34505	31856	29203	31855	8.32	cps
Boron	11-1	161096	147402	137899	148799	7.84	cps
Bromine	81-1	19524	19334	18632	19163	2.45	cps
Cadmium	111-1	1534	1352	1269	1385	9.80	cps
Cadmium	106-1	1508	1492	1508	1503	0.64	cps
Cadmium	108-1	108	138	71	106	31.66	cps
Calcium	43-1	6585558	6856775	6866691	6769675	2.36	cps
Calcium	44-1	105759548	112006889	109616671	109127703	2.89	cps
Carbon	12-1	5245308	5314742	5495649	5351900	2.41	cps
Carbon	12-2	63069	63906	60793	62589	2.57	cps
Chlorine	35-1	258640	259826	260242	259569	0.32	cps
Chlorine	35-2	2200	2134	2017	2117	4.38	cps
Chromium	52-2	3434	3330	3330	3365	1.77	cps
Cobalt	59-2	5291	5308	5454	5351	1.68	cps
Copper	63-1	117765	116107	109019	114297	4.06	cps
Dysprosium	156-1	617	758	625	667	11.92	cps
Dysprosium	156-2	330	313	313	319	3.02	cps
Erbium	164-1	83	75	108	89	19.52	cps
Erbium	164-2	40	33	30	34	14.78	cps
Gadolinium	160-1	608	658	625	631	4.04	cps
Gadolinium	160-2	343	263	297	301	13.35	cps
Holmium	165-1	4447232	4542862	4471181	4487092	1.11	cps
Holmium	165-2	2045472	2026648	2183085	2085069	4.10	cps
Indium	115-1	3692297	3851795	3798073	3780722	2.15	cps
Indium	115-2	621586	612070	654618	629425	3.55	cps
Iron	54-2	13637994	13135723	13229000	13334239	2.00	cps
Iron	56-2	252840178	242372728	246949039	247387315	2.12	cps
Iron	57-2	6341174	6116968	6006222	6154788	2.77	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:49:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	693	640	693	676	4.56	cps
Lead	206-1	11261	9927	7636	9608	19.08	cps
Lead	207-1	12784	8843	7397	9674	28.82	cps
Lead	208-1	46980	43017	32166	40721	18.83	cps
Lithium	6-1	1445993	1400410	1408579	1418327	1.71	cps
Magnesium	24-2	51095591	49186608	48261425	49514541	2.92	cps
Manganese	55-2	4387	4401	4551	4446	2.04	cps
Molybdenum	94-1	11750	8563	6318	8877	30.75	cps
Molybdenum	95-1	13353	10799	7252	10468	29.27	cps
Molybdenum	96-1	23072	16235	13707	17672	27.42	cps
Molybdenum	97-1	8932	6360	4442	6578	34.24	cps
Molybdenum	98-1	17639	16172	11864	15225	19.72	cps
Neodymium	150-1	33	20	67	40	60.10	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	1877	1703	1613	1731	7.73	cps
Phosphorus	31-2	175	150	142	156	11.15	cps
Potassium	39-2	21316656	20196496	20146630	20553261	3.22	cps
Rhodium	103-1	3496968	3449438	3453306	3466570	0.76	cps
Rhodium	103-2	1644202	1682917	1762815	1696645	3.57	cps
Scandium	45-1	2855923	2846436	2794465	2832275	1.17	cps
Scandium	45-2	104433	103946	111261	106547	3.84	cps
Selenium	77-1	140	200	160	167	18.33	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	53	67	68	63	13.38	cps
Selenium	82-1	139	213	130	160	28.32	cps
Silicon	28-1	1852614	1977629	1993826	1941356	3.98	cps
Silver	107-1	1784	1850	1533	1722	9.69	cps
Silver	109-1	1684	1650	1483	1606	6.67	cps
Sodium	23-2	101432350	96806365	96587190	98275302	2.78	cps
Strontium	86-1	16474	14736	12389	14533	14.11	cps
Strontium	88-1	123172	121844	96313	113777	13.31	cps
Sulfur	34-1	270991	267824	268733	269183	0.61	cps
Terbium	159-1	4543216	4576870	4573842	4564643	0.41	cps
Terbium	159-2	2100507	2051993	2167199	2106567	2.75	cps
Thallium	203-1	1917	1442	1258	1539	22.08	cps
Thallium	205-1	4401	3709	3050	3720	18.15	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 14:49:56	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3960	2534	2400	2965	29.16	cps
Titanium	47-1	3467	2425	1950	2614	29.69	cps
Uranium	238-1	5394	4177	2492	4021	36.24	cps
Vanadium	51-2	377	393	343	371	6.86	cps
Ytterbium	172-1	67	42	25	44	47.19	cps
Ytterbium	172-2	11	6	28	15	78.05	cps
Ytterbium	176-1	717	458	508	561	24.42	cps
Ytterbium	176-2	2439	2645	2934	2673	9.30	cps
Yttrium	89-1	5902768	6057189	5938113	5966024	1.36	cps
Yttrium	89-2	702078	689739	734248	708688	3.24	cps
Zinc	66-2	5108	4818	4821	4915	3.39	cps
Zirconium	90-1	7914	6712	4543	6389	26.74	cps
Zirconium	91-1	1734	1333	1125	1397	22.13	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : ICV97 Instrumnet Name : P8
 Client Sample ID : ICV97 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 15:00:27 DataFile Name : 010ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18479	18402	18333	18405	0.40	cps
Antimony	121-1	703657	702947	710354	705652	0.58	cps
Arsenic	75-2	25259	25423	25013	25232	0.82	cps
Barium	135-1	94564	94622	97015	95400	1.47	cps
Barium	137-1	167203	171216	165236	167885	1.82	cps
Beryllium	9-1	97359	96025	93000	95461	2.34	cps
Bismuth	209-1	2533324	2531012	2337516	2467284	4.56	cps
Bismuth	209-2	1290569	1285441	1294006	1290005	0.33	cps
Boron	10-1	9305	9127	9295	9242	1.08	cps
Boron	11-1	43698	43732	43196	43542	0.69	cps
Bromine	81-1	18572	19815	17890	18759	5.20	cps
Cadmium	111-1	95674	93398	93197	94090	1.46	cps
Cadmium	106-1	9504	9862	9395	9587	2.55	cps
Cadmium	108-1	6235	6297	6093	6208	1.69	cps
Calcium	43-1	26991	27602	27411	27335	1.14	cps
Calcium	44-1	458813	456933	454097	456614	0.52	cps
Carbon	12-1	4717637	4742138	4772552	4744109	0.58	cps
Carbon	12-2	52093	52076	50730	51633	1.51	cps
Chlorine	35-1	222196	222675	217112	220661	1.40	cps
Chlorine	35-2	2025	1658	1750	1811	10.54	cps
Chromium	52-2	140008	136390	137622	138006	1.33	cps
Cobalt	59-2	242315	237999	240797	240370	0.91	cps
Copper	63-1	478004	480889	479615	479502	0.30	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	58	17	50	42	52.91	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	25	58	17	33	66.13	cps
Gadolinium	160-2	23	33	57	38	45.29	cps
Holmium	165-1	4147119	4213936	3948461	4103172	3.37	cps
Holmium	165-2	1925483	2009862	1947335	1960893	2.23	cps
Indium	115-1	3729157	3754971	3584611	3689580	2.49	cps
Indium	115-2	636191	642082	637057	638443	0.50	cps
Iron	54-2	120016	118236	120493	119582	0.99	cps
Iron	56-2	2211491	2234906	2214774	2220390	0.57	cps
Iron	57-2	53378	53171	52519	53022	0.85	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICV97	Instrumnet Name :	P8
Client Sample ID :	ICV97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:00:27	DataFile Name :	010ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	707	743	697	716	3.43	cps
Lead	206-1	555254	552265	556229	554583	0.37	cps
Lead	207-1	466581	473195	468583	469453	0.72	cps
Lead	208-1	2191822	2185282	2185926	2187677	0.16	cps
Lithium	6-1	1373460	1394483	1298955	1355633	3.70	cps
Magnesium	24-2	125302	126151	125859	125771	0.34	cps
Manganese	55-2	70031	69063	70135	69743	0.85	cps
Molybdenum	94-1	1000	858	883	914	8.27	cps
Molybdenum	95-1	1158	1133	1275	1189	6.36	cps
Molybdenum	96-1	1508	1392	1208	1370	11.04	cps
Molybdenum	97-1	667	850	717	744	12.73	cps
Molybdenum	98-1	1859	1659	1967	1828	8.56	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	66609	65734	63973	65439	2.05	cps
Phosphorus	31-2	200	108	150	153	30.04	cps
Potassium	39-2	190536	192852	186604	189997	1.66	cps
Rhodium	103-1	3668125	3546569	3459330	3558008	2.95	cps
Rhodium	103-2	1774862	1790636	1799050	1788183	0.69	cps
Scandium	45-1	2789525	2779490	2626287	2731768	3.35	cps
Scandium	45-2	105575	105604	104419	105199	0.64	cps
Selenium	77-1	12278	12118	12338	12245	0.93	cps
Selenium	77-2	573	570	443	529	14.01	cps
Selenium	78-2	1930	1922	1933	1929	0.29	cps
Selenium	82-1	14836	14834	15037	14902	0.78	cps
Silicon	28-1	629408	631748	630235	630464	0.19	cps
Silver	107-1	223655	227765	233167	228196	2.09	cps
Silver	109-1	223144	221659	218875	221226	0.98	cps
Sodium	23-2	432416	421579	430896	428297	1.37	cps
Strontium	86-1	1700	1667	1734	1700	1.96	cps
Strontium	88-1	5385	5218	5401	5335	1.90	cps
Sulfur	34-1	277487	274898	274437	275607	0.60	cps
Terbium	159-1	4443814	4284176	4259516	4329169	2.31	cps
Terbium	159-2	1950124	1989691	1962955	1967590	1.03	cps
Thallium	203-1	679975	664605	669527	671369	1.17	cps
Thallium	205-1	1657320	1591718	1644818	1631285	2.14	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICV97	Instrumnet Name :	P8
Client Sample ID :	ICV97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:00:27	DataFile Name :	010ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1383	1525	1308	1406	7.83	cps
Titanium	47-1	525	492	483	500	4.41	cps
Uranium	238-1	600	750	650	667	11.46	cps
Vanadium	51-2	110815	109878	108746	109813	0.94	cps
Ytterbium	172-1	25	17	8	17	50.01	cps
Ytterbium	172-2	6	17	6	9	69.24	cps
Ytterbium	176-1	425	350	333	369	13.22	cps
Ytterbium	176-2	2506	2539	2528	2524	0.67	cps
Yttrium	89-1	5772886	5829069	5618037	5739998	1.90	cps
Yttrium	89-2	694652	693710	684593	690985	0.80	cps
Zinc	66-2	39782	39625	39749	39719	0.21	cps
Zirconium	90-1	967	792	1125	961	17.35	cps
Zirconium	91-1	258	242	275	258	6.45	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : ICB97 Instrumnet Name : P8
 Client Sample ID : ICB97 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 15:12:19 DataFile Name : 011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	91	107	97	9.32	cps
Antimony	121-1	167	175	200	181	9.61	cps
Arsenic	75-2	5	5	6	5	10.83	cps
Barium	135-1	50	25	17	31	56.77	cps
Barium	137-1	67	50	8	42	72.12	cps
Beryllium	9-1	90	116	108	105	12.73	cps
Bismuth	209-1	2472674	2582797	2545842	2533771	2.21	cps
Bismuth	209-2	1285851	1332957	1344581	1321129	2.35	cps
Boron	10-1	5954	5894	5820	5889	1.14	cps
Boron	11-1	29127	27993	27727	28282	2.63	cps
Bromine	81-1	18371	19263	19604	19079	3.34	cps
Cadmium	111-1	768	962	935	888	11.83	cps
Cadmium	106-1	1108	1350	1292	1250	10.09	cps
Cadmium	108-1	29	42	21	31	34.33	cps
Calcium	43-1	285	215	281	260	15.12	cps
Calcium	44-1	16434	16482	16252	16389	0.74	cps
Carbon	12-1	4778775	4826409	4878615	4827933	1.03	cps
Carbon	12-2	53657	54610	54217	54161	0.88	cps
Chlorine	35-1	191800	190490	190779	191023	0.36	cps
Chlorine	35-2	1308	1658	1550	1506	11.90	cps
Chromium	52-2	617	593	500	570	10.83	cps
Cobalt	59-2	70	50	53	58	18.55	cps
Copper	63-1	2523	2322	2386	2410	4.25	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	0	33	50	28	91.65	cps
Erbium	164-2	17	3	13	11	62.48	cps
Gadolinium	160-1	25	33	33	31	15.74	cps
Gadolinium	160-2	50	37	43	43	15.38	cps
Holmium	165-1	4088659	4146884	4233832	4156459	1.76	cps
Holmium	165-2	2006321	2024194	2050285	2026933	1.09	cps
Indium	115-1	3741221	4000612	3850545	3864126	3.37	cps
Indium	115-2	637246	655331	659970	650849	1.84	cps
Iron	54-2	522	544	494	520	4.81	cps
Iron	56-2	3689	3345	3562	3532	4.93	cps
Iron	57-2	211	239	217	222	6.62	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICB97	Instrumnet Name :	P8
Client Sample ID :	ICB97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:12:19	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	817	600	723	713	15.24	cps
Lead	206-1	550	550	589	563	3.99	cps
Lead	207-1	450	400	450	433	6.66	cps
Lead	208-1	2056	2022	2106	2061	2.04	cps
Lithium	6-1	1374132	1454591	1425179	1417967	2.87	cps
Magnesium	24-2	350	417	617	461	30.10	cps
Manganese	55-2	83	83	83	83	0.00	cps
Molybdenum	94-1	167	183	175	175	4.76	cps
Molybdenum	95-1	108	58	108	92	31.50	cps
Molybdenum	96-1	233	208	233	225	6.41	cps
Molybdenum	97-1	92	58	50	67	33.08	cps
Molybdenum	98-1	183	100	183	156	30.93	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	110	120	122	11.02	cps
Phosphorus	31-2	125	158	158	147	13.07	cps
Potassium	39-2	19847	20131	19914	19964	0.74	cps
Rhodium	103-1	3632781	3905281	3649469	3729177	4.10	cps
Rhodium	103-2	1863183	1877685	1833951	1858273	1.20	cps
Scandium	45-1	2836822	2861748	2888498	2862356	0.90	cps
Scandium	45-2	107928	109704	110713	109449	1.29	cps
Selenium	77-1	120	150	160	143	14.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	68	76	56	67	15.10	cps
Selenium	82-1	-97	145	-54	-2	-6439.16	cps
Silicon	28-1	619273	620259	615780	618437	0.38	cps
Silver	107-1	117	67	100	94	26.96	cps
Silver	109-1	58	33	67	53	32.87	cps
Sodium	23-2	16360	16685	16969	16671	1.83	cps
Strontium	86-1	1350	1333	1267	1317	3.35	cps
Strontium	88-1	333	325	392	350	10.38	cps
Sulfur	34-1	288457	286923	288202	287861	0.29	cps
Terbium	159-1	4301747	4477106	4565139	4447997	3.01	cps
Terbium	159-2	2022890	2030131	2043507	2032176	0.51	cps
Thallium	203-1	333	292	225	283	19.29	cps
Thallium	205-1	600	633	658	631	4.64	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICB97	Instrumnet Name :	P8
Client Sample ID :	ICB97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:12:19	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	542	442	608	531	15.81	cps
Titanium	47-1	175	208	133	172	21.82	cps
Uranium	238-1	25	17	17	19	24.73	cps
Vanadium	51-2	20	7	3	10	88.20	cps
Ytterbium	172-1	25	33	25	28	17.31	cps
Ytterbium	172-2	6	17	0	7	114.54	cps
Ytterbium	176-1	300	300	517	372	33.61	cps
Ytterbium	176-2	2584	2567	2706	2619	2.90	cps
Yttrium	89-1	5816833	5927686	6075561	5940026	2.19	cps
Yttrium	89-2	707388	716332	714878	712866	0.67	cps
Zinc	66-2	347	313	223	294	21.67	cps
Zirconium	90-1	317	442	400	386	16.48	cps
Zirconium	91-1	75	83	58	72	17.62	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : ICSA97 Instrumnet Name : P8
 Client Sample ID : ICSA97 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 15:15:24 DataFile Name : 012ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3598495	3484905	3541296	3541565	1.60	cps
Antimony	121-1	4551	4568	4534	4551	0.37	cps
Arsenic	75-2	56	52	36	48	22.06	cps
Barium	135-1	1133	1400	1408	1314	11.91	cps
Barium	137-1	2259	2259	2559	2359	7.34	cps
Beryllium	9-1	346	336	380	354	6.52	cps
Bismuth	209-1	2527802	2540969	2552526	2540432	0.49	cps
Bismuth	209-2	1360308	1345608	1244581	1316833	4.78	cps
Boron	10-1	6128	5784	5934	5949	2.90	cps
Boron	11-1	27997	28221	27372	27863	1.58	cps
Bromine	81-1	19363	20687	20496	20182	3.54	cps
Cadmium	111-1	1211	1263	1233	1236	2.12	cps
Cadmium	106-1	1342	1442	1300	1361	5.35	cps
Cadmium	108-1	713	667	575	651	10.75	cps
Calcium	43-1	1362292	1370474	1368910	1367226	0.32	cps
Calcium	44-1	21964096	21844790	22031152	21946679	0.43	cps
Carbon	12-1	19915992	20906511	21161546	20661350	3.18	cps
Carbon	12-2	235446	235194	240256	236965	1.20	cps
Chlorine	35-1	3193954	3891588	4641914	3909152	18.52	cps
Chlorine	35-2	51885	57749	62494	57376	9.26	cps
Chromium	52-2	25914	25693	26388	25998	1.37	cps
Cobalt	59-2	2720	2724	2530	2658	4.16	cps
Copper	63-1	50659	50720	50937	50772	0.29	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	42	75	58	58	28.57	cps
Erbium	164-2	13	13	23	17	34.65	cps
Gadolinium	160-1	42	58	67	56	22.91	cps
Gadolinium	160-2	43	43	37	41	9.35	cps
Holmium	165-1	4405504	4538738	4524105	4489449	1.63	cps
Holmium	165-2	2169994	2147974	2051081	2123016	2.98	cps
Indium	115-1	3859274	3925771	3882706	3889250	0.87	cps
Indium	115-2	666951	661580	618938	649156	4.05	cps
Iron	54-2	5690452	5686690	5664696	5680613	0.24	cps
Iron	56-2	103974236	103276550	105107886	104119557	0.89	cps
Iron	57-2	2608089	2614835	2644663	2622529	0.74	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICSA97	Instrumnet Name :	P8
Client Sample ID :	ICSA97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:15:24	DataFile Name :	012ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	733	677	747	719	5.17	cps
Lead	206-1	11856	11389	12084	11776	3.01	cps
Lead	207-1	9170	9231	9309	9237	0.75	cps
Lead	208-1	43819	43713	44597	44043	1.10	cps
Lithium	6-1	1465441	1441570	1467194	1458068	0.98	cps
Magnesium	24-2	10024519	10128733	10129989	10094414	0.60	cps
Manganese	55-2	4904	4934	4881	4906	0.55	cps
Molybdenum	94-1	2301664	2302274	2239089	2281009	1.59	cps
Molybdenum	95-1	4000021	3955089	3927781	3960964	0.92	cps
Molybdenum	96-1	4289858	4297116	4234470	4273815	0.80	cps
Molybdenum	97-1	2418132	2473096	2403807	2431678	1.50	cps
Molybdenum	98-1	6074855	6232049	6263822	6190242	1.63	cps
Neodymium	150-1	20	20	47	29	53.30	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	3374	3394	3287	3352	1.69	cps
Phosphorus	31-2	183576	181814	183889	183093	0.61	cps
Potassium	39-2	8278750	8389394	8396787	8354977	0.79	cps
Rhodium	103-1	3578045	3675331	3632473	3628617	1.34	cps
Rhodium	103-2	1825288	1845705	1735674	1802222	3.25	cps
Scandium	45-1	2955275	2926223	2947444	2942981	0.51	cps
Scandium	45-2	112154	111092	104528	109258	3.78	cps
Selenium	77-1	180	140	210	177	19.88	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	59	56	64	60	6.77	cps
Selenium	82-1	11	86	-75	8	1064.45	cps
Silicon	28-1	683933	685833	684230	684665	0.15	cps
Silver	107-1	200	300	258	253	19.87	cps
Silver	109-1	250	175	183	203	20.27	cps
Sodium	23-2	20035411	20304423	20676142	20338659	1.58	cps
Strontium	86-1	48987	48828	49756	49190	1.01	cps
Strontium	88-1	406642	411911	413231	410595	0.85	cps
Sulfur	34-1	1966068	1956106	1967809	1963328	0.32	cps
Terbium	159-1	4744650	4807207	4716164	4756007	0.98	cps
Terbium	159-2	2201930	2112231	2013269	2109143	4.47	cps
Thallium	203-1	425	358	408	397	8.73	cps
Thallium	205-1	967	958	1000	975	2.26	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICSA97	Instrumnet Name :	P8
Client Sample ID :	ICSA97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:15:24	DataFile Name :	012ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	875	967	1108	983	11.96	cps
Titanium	47-1	1269127	1282355	1275867	1275783	0.52	cps
Uranium	238-1	183	125	167	158	18.98	cps
Vanadium	51-2	143	133	170	149	12.73	cps
Ytterbium	172-1	25	8	33	22	57.29	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	492	525	450	489	7.69	cps
Ytterbium	176-2	2650	2695	2828	2724	3.40	cps
Yttrium	89-1	6041268	6136579	6147648	6108499	0.96	cps
Yttrium	89-2	741005	733355	684102	719487	4.29	cps
Zinc	66-2	2327	2160	2237	2241	3.72	cps
Zirconium	90-1	417	425	450	431	4.03	cps
Zirconium	91-1	125	100	108	111	11.46	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICSAB97	Instrumnet Name :	P8
Client Sample ID :	ICSAB97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:18:20	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3653017	3589565	3565276	3602619	1.26	cps
Antimony	121-1	76088	75115	74999	75400	0.79	cps
Arsenic	75-2	2468	2559	2374	2467	3.73	cps
Barium	135-1	20299	20332	21443	20691	3.15	cps
Barium	137-1	35932	34996	34611	35180	1.93	cps
Beryllium	9-1	19481	19433	19387	19434	0.24	cps
Bismuth	209-1	2564046	2569119	2568165	2567110	0.11	cps
Bismuth	209-2	1335296	1339947	1359290	1344844	0.95	cps
Boron	10-1	10848	10964	11006	10939	0.75	cps
Boron	11-1	49750	51421	51780	50984	2.13	cps
Bromine	81-1	20045	19474	20125	19881	1.79	cps
Cadmium	111-1	19559	19654	19319	19511	0.89	cps
Cadmium	106-1	3851	4009	3701	3853	4.00	cps
Cadmium	108-1	2213	2050	2192	2152	4.11	cps
Calcium	43-1	1363636	1406910	1415124	1395223	1.98	cps
Calcium	44-1	21993457	22371765	22759056	22374759	1.71	cps
Carbon	12-1	20729672	21606311	21926159	21420714	2.89	cps
Carbon	12-2	246605	244990	240203	243933	1.36	cps
Chlorine	35-1	7544157	9112190	10090491	8915613	14.41	cps
Chlorine	35-2	96848	101412	107665	101975	5.33	cps
Chromium	52-2	54202	53784	51315	53100	2.94	cps
Cobalt	59-2	48807	49114	47158	48360	2.18	cps
Copper	63-1	139961	141592	140954	140836	0.58	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	58	25	42	42	40.00	cps
Gadolinium	160-2	17	40	40	32	41.80	cps
Holmium	165-1	4595552	4653144	4507682	4585459	1.60	cps
Holmium	165-2	2130689	2173333	2097728	2133917	1.78	cps
Indium	115-1	3910827	3980741	3956117	3949228	0.90	cps
Indium	115-2	665655	666861	666314	666277	0.09	cps
Iron	54-2	5884016	5790964	5808300	5827760	0.85	cps
Iron	56-2	106816416	106636558	105017055	106156676	0.93	cps
Iron	57-2	2725174	2694078	2646077	2688443	1.48	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICSAB97	Instrumnet Name :	P8
Client Sample ID :	ICSAB97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:18:20	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	683	670	680	678	1.02	cps
Lead	206-1	61730	65744	64248	63907	3.17	cps
Lead	207-1	54716	53617	52925	53752	1.68	cps
Lead	208-1	248672	247916	251805	249464	0.83	cps
Lithium	6-1	1518694	1486966	1533645	1513101	1.58	cps
Magnesium	24-2	10270425	10300988	10177056	10249490	0.63	cps
Manganese	55-2	18776	18679	18092	18515	2.00	cps
Molybdenum	94-1	2564451	2538309	2578772	2560511	0.80	cps
Molybdenum	95-1	4196893	4259144	4225618	4227218	0.74	cps
Molybdenum	96-1	4541837	4620230	4555672	4572580	0.92	cps
Molybdenum	97-1	2551492	2634754	2558743	2581663	1.79	cps
Molybdenum	98-1	6713719	6665214	6705516	6694816	0.39	cps
Neodymium	150-1	53	27	20	33	52.91	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	15529	16069	15585	15728	1.89	cps
Phosphorus	31-2	191276	190235	188447	189986	0.75	cps
Potassium	39-2	8488090	8483236	8313091	8428139	1.18	cps
Rhodium	103-1	3655066	3735715	3728287	3706356	1.20	cps
Rhodium	103-2	1819450	1830080	1826826	1825452	0.30	cps
Scandium	45-1	2886098	2990404	3065391	2980631	3.02	cps
Scandium	45-2	113084	111012	110641	111579	1.18	cps
Selenium	77-1	1371	1371	1422	1388	2.08	cps
Selenium	77-2	97	47	33	59	56.70	cps
Selenium	78-2	236	239	230	235	1.95	cps
Selenium	82-1	1439	1427	1508	1458	3.00	cps
Silicon	28-1	879120	897813	909264	895399	1.70	cps
Silver	107-1	88871	90120	88358	89116	1.02	cps
Silver	109-1	84627	84066	87562	85418	2.20	cps
Sodium	23-2	20966598	20506699	20397394	20623564	1.46	cps
Strontium	86-1	130575	132492	135009	132692	1.68	cps
Strontium	88-1	1117853	1113703	1129158	1120238	0.71	cps
Sulfur	34-1	2019920	2070616	1992979	2027838	1.94	cps
Terbium	159-1	4753698	4781332	4806663	4780564	0.55	cps
Terbium	159-2	2112342	2174883	2254464	2180563	3.27	cps
Thallium	203-1	65005	62075	63992	63691	2.34	cps
Thallium	205-1	149398	151484	155749	152210	2.13	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	ICSAB97	Instrumnet Name :	P8
Client Sample ID :	ICSAB97	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:18:20	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	181905	178453	185192	181850	1.85	cps
Titanium	47-1	1368028	1373236	1396406	1379223	1.10	cps
Uranium	238-1	565369	570784	557282	564478	1.20	cps
Vanadium	51-2	21753	22404	21313	21823	2.52	cps
Ytterbium	172-1	33	8	33	25	57.74	cps
Ytterbium	172-2	28	11	6	15	78.05	cps
Ytterbium	176-1	1342	1175	1258	1258	6.62	cps
Ytterbium	176-2	3112	2906	3306	3108	6.44	cps
Yttrium	89-1	6178305	6282382	6303977	6254888	1.07	cps
Yttrium	89-2	736829	731269	734153	734083	0.38	cps
Zinc	66-2	6251	6235	5918	6135	3.06	cps
Zirconium	90-1	426252	427343	424557	426051	0.33	cps
Zirconium	91-1	96544	94093	96434	95690	1.45	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:21:13	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2049935	2002837	2050042	2034271	1.34	cps
Antimony	121-1	1837822	1791946	1844308	1824692	1.56	cps
Arsenic	75-2	59715	59725	59914	59785	0.19	cps
Barium	135-1	2484167	2458761	2558178	2500368	2.07	cps
Barium	137-1	4181391	4169916	4354210	4235172	2.44	cps
Beryllium	9-1	477525	479781	481965	479757	0.46	cps
Bismuth	209-1	2531731	2567131	2585987	2561616	1.08	cps
Bismuth	209-2	1316240	1336152	1334972	1329121	0.84	cps
Boron	10-1	101533	108221	111127	106960	4.60	cps
Boron	11-1	484260	507340	540353	510651	5.52	cps
Bromine	81-1	18862	18872	19444	19059	1.75	cps
Cadmium	111-1	445918	463081	455071	454690	1.89	cps
Cadmium	106-1	50167	51999	52242	51469	2.20	cps
Cadmium	108-1	35349	34606	34263	34740	1.60	cps
Calcium	43-1	3620421	3599653	3586315	3602130	0.48	cps
Calcium	44-1	58181211	57638695	57386137	57735348	0.70	cps
Carbon	12-1	5295001	5303639	5452383	5350341	1.65	cps
Carbon	12-2	63203	61688	61923	62271	1.31	cps
Chlorine	35-1	5477065	5300425	5117743	5298411	3.39	cps
Chlorine	35-2	39312	37850	36396	37853	3.85	cps
Chromium	52-2	676693	672393	675673	674919	0.33	cps
Cobalt	59-2	1186223	1160500	1168556	1171760	1.12	cps
Copper	63-1	24752707	25156447	24827335	24912163	0.86	cps
Dysprosium	156-1	508	433	383	442	14.25	cps
Dysprosium	156-2	210	233	193	212	9.47	cps
Erbium	164-1	150	67	175	131	43.45	cps
Erbium	164-2	57	60	43	53	16.54	cps
Gadolinium	160-1	442	442	367	417	10.39	cps
Gadolinium	160-2	300	237	260	266	12.06	cps
Holmium	165-1	4611017	4566359	4693751	4623709	1.40	cps
Holmium	165-2	2198846	2137941	2162015	2166267	1.42	cps
Indium	115-1	3984725	3928864	3955853	3956481	0.71	cps
Indium	115-2	659846	650333	658428	656202	0.78	cps
Iron	54-2	7507365	7380104	7503106	7463525	0.97	cps
Iron	56-2	136549923	133540664	135263772	135118120	1.12	cps
Iron	57-2	3467103	3368565	3390493	3408721	1.52	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:21:13	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	727	643	723	698	6.76	cps
Lead	206-1	6802558	6798942	6807189	6802896	0.06	cps
Lead	207-1	5794844	5986885	5799913	5860547	1.87	cps
Lead	208-1	26790567	27113086	26841037	26914897	0.64	cps
Lithium	6-1	1535377	1472328	1551778	1519828	2.76	cps
Magnesium	24-2	27491639	27038536	27452440	27327538	0.92	cps
Manganese	55-2	3677572	3534814	3546490	3586292	2.21	cps
Molybdenum	94-1	8041542	8037161	7958242	8012315	0.59	cps
Molybdenum	95-1	11673615	11576194	11824474	11691428	1.07	cps
Molybdenum	96-1	12975266	12920330	13351192	13082263	1.79	cps
Molybdenum	97-1	7118587	7182690	7300317	7200531	1.28	cps
Molybdenum	98-1	18743775	18580181	18948044	18757333	0.98	cps
Neodymium	150-1	293	227	253	258	13.02	cps
Neodymium	150-2	47	87	50	61	36.32	cps
Nickel	60-2	312073	305323	309246	308881	1.10	cps
Phosphorus	31-2	18763	19138	19847	19249	2.86	cps
Potassium	39-2	11246362	11054733	11147667	11149588	0.86	cps
Rhodium	103-1	3712130	3702699	3738060	3717630	0.49	cps
Rhodium	103-2	1826690	1764264	1812019	1800991	1.81	cps
Scandium	45-1	3034431	3035680	3049434	3039848	0.27	cps
Scandium	45-2	114209	112449	112530	113063	0.88	cps
Selenium	77-1	26843	27495	27004	27114	1.25	cps
Selenium	77-2	1313	1297	1240	1283	3.00	cps
Selenium	78-2	4336	4191	4204	4244	1.89	cps
Selenium	82-1	34647	35111	35440	35066	1.14	cps
Silicon	28-1	24424904	24549699	24382992	24452532	0.35	cps
Silver	107-1	2295979	2347128	2300279	2314462	1.23	cps
Silver	109-1	2241749	2200995	2207389	2216711	0.99	cps
Sodium	23-2	52835372	52566023	52690976	52697457	0.26	cps
Strontium	86-1	7459729	7424383	7511119	7465077	0.58	cps
Strontium	88-1	62661831	62879608	64207920	63249786	1.32	cps
Sulfur	34-1	500824	510539	510010	507124	1.08	cps
Terbium	159-1	4899755	4795240	4858522	4851172	1.09	cps
Terbium	159-2	2180348	2141715	2166671	2162911	0.91	cps
Thallium	203-1	1681126	1657781	1685915	1674941	0.90	cps
Thallium	205-1	3911987	3934556	3927161	3924568	0.29	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:21:13	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1715123	1687810	1725450	1709461	1.14	cps
Titanium	47-1	3723152	3709843	3750209	3727735	0.55	cps
Uranium	238-1	5179561	5156439	5275865	5203955	1.22	cps
Vanadium	51-2	560488	554935	552860	556094	0.71	cps
Ytterbium	172-1	67	100	117	94	26.96	cps
Ytterbium	172-2	11	33	44	30	57.29	cps
Ytterbium	176-1	7794	7661	7769	7741	0.92	cps
Ytterbium	176-2	6079	6118	6140	6113	0.51	cps
Yttrium	89-1	6183996	6060429	6373433	6205953	2.54	cps
Yttrium	89-2	742896	731549	736564	737003	0.77	cps
Zinc	66-2	965681	952892	969975	962849	0.92	cps
Zirconium	90-1	3971235	3895247	4042377	3969620	1.85	cps
Zirconium	91-1	883289	857196	899547	880011	2.43	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : CCB13 Instrumnet Name : P8
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 15:31:17 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	152	330	217	45.43	cps
Antimony	121-1	183	417	325	308	38.13	cps
Arsenic	75-2	5	5	13	8	60.25	cps
Barium	135-1	17	250	108	125	94.04	cps
Barium	137-1	67	433	475	325	69.14	cps
Beryllium	9-1	98	168	162	143	27.20	cps
Bismuth	209-1	2526822	2578618	2578449	2561296	1.17	cps
Bismuth	209-2	1369443	1390512	1337102	1365686	1.97	cps
Boron	10-1	5066	4914	4920	4967	1.73	cps
Boron	11-1	24193	23740	23670	23868	1.19	cps
Bromine	81-1	18331	18732	17910	18324	2.24	cps
Cadmium	111-1	857	752	940	850	11.06	cps
Cadmium	106-1	1200	1058	1283	1181	9.64	cps
Cadmium	108-1	29	38	13	26	48.24	cps
Calcium	43-1	220	659	480	453	48.72	cps
Calcium	44-1	16027	21235	20870	19377	15.00	cps
Carbon	12-1	4477375	4578769	4571684	4542610	1.25	cps
Carbon	12-2	49902	49543	50161	49868	0.62	cps
Chlorine	35-1	1537954	1561337	1508759	1536017	1.72	cps
Chlorine	35-2	11280	10946	11396	11207	2.09	cps
Chromium	52-2	567	560	673	600	10.60	cps
Cobalt	59-2	67	103	123	98	29.39	cps
Copper	63-1	2613	4639	4857	4036	30.66	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	17	3	0	7	132.33	cps
Gadolinium	160-1	42	42	8	31	62.99	cps
Gadolinium	160-2	53	37	30	40	30.04	cps
Holmium	165-1	4263351	4343661	4377793	4328269	1.36	cps
Holmium	165-2	2116881	2097644	2024362	2079629	2.35	cps
Indium	115-1	3824407	3899459	3794858	3839575	1.40	cps
Indium	115-2	675879	674390	643730	664666	2.73	cps
Iron	54-2	722	922	1100	915	20.66	cps
Iron	56-2	6230	7900	17673	10601	58.31	cps
Iron	57-2	333	367	472	391	18.56	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:31:17	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	747	747	737	743	0.78	cps
Lead	206-1	694	1200	1011	969	26.38	cps
Lead	207-1	544	878	956	793	27.55	cps
Lead	208-1	2589	4912	4195	3899	30.51	cps
Lithium	6-1	1467914	1447360	1378061	1431112	3.29	cps
Magnesium	24-2	983	933	2117	1345	49.79	cps
Manganese	55-2	110	133	230	158	40.33	cps
Molybdenum	94-1	317	1017	683	672	52.09	cps
Molybdenum	95-1	200	1209	1150	853	66.38	cps
Molybdenum	96-1	217	1150	1017	795	63.54	cps
Molybdenum	97-1	200	808	658	556	57.05	cps
Molybdenum	98-1	325	2217	1375	1306	72.60	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	197	110	120	142	33.34	cps
Phosphorus	31-2	125	142	142	136	7.07	cps
Potassium	39-2	18646	20190	19839	19558	4.14	cps
Rhodium	103-1	3736828	3786002	3691215	3738015	1.27	cps
Rhodium	103-2	1894726	1903841	1801744	1866770	3.03	cps
Scandium	45-1	2844836	2825594	2801160	2823863	0.78	cps
Scandium	45-2	108747	110595	107952	109098	1.24	cps
Selenium	77-1	180	250	190	207	18.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	60	55	60	58	4.95	cps
Selenium	82-1	-39	-38	-81	-53	-46.06	cps
Silicon	28-1	588152	582108	588928	586396	0.64	cps
Silver	107-1	142	83	83	103	32.76	cps
Silver	109-1	92	142	100	111	24.11	cps
Sodium	23-2	18804	18604	20899	19436	6.54	cps
Strontium	86-1	1117	1775	1508	1467	22.58	cps
Strontium	88-1	283	5763	4236	3428	82.51	cps
Sulfur	34-1	276562	274359	274267	275063	0.47	cps
Terbium	159-1	4610905	4575166	4490215	4558762	1.36	cps
Terbium	159-2	2089936	2089970	2098750	2092885	0.24	cps
Thallium	203-1	467	442	550	486	11.67	cps
Thallium	205-1	1050	1183	1233	1156	8.20	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:31:17	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	483	642	517	547	15.25	cps
Titanium	47-1	192	542	558	431	48.09	cps
Uranium	238-1	17	367	458	281	83.08	cps
Vanadium	51-2	23	33	53	37	41.66	cps
Ytterbium	172-1	0	25	42	22	94.38	cps
Ytterbium	172-2	22	0	6	9	124.87	cps
Ytterbium	176-1	517	408	417	447	13.48	cps
Ytterbium	176-2	2706	2806	2906	2806	3.56	cps
Yttrium	89-1	5783922	6027371	5722394	5844562	2.76	cps
Yttrium	89-2	724040	723716	698810	715522	2.02	cps
Zinc	66-2	157	177	213	182	15.77	cps
Zirconium	90-1	325	733	683	581	38.37	cps
Zirconium	91-1	125	158	150	144	12.01	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 15:43:37 DataFile Name : 016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	819	802	817	813	1.11	cps
Antimony	121-1	6377	6910	6252	6513	5.37	cps
Arsenic	75-2	108	106	107	107	0.93	cps
Barium	135-1	8378	8078	8553	8336	2.88	cps
Barium	137-1	14976	14224	14216	14472	3.01	cps
Beryllium	9-1	978	1000	1028	1002	2.50	cps
Bismuth	209-1	2480465	2548774	2478440	2502560	1.60	cps
Bismuth	209-2	1355458	1331952	1345343	1344251	0.88	cps
Boron	10-1	4450	4592	4906	4649	5.02	cps
Boron	11-1	20811	21644	22258	21571	3.37	cps
Bromine	81-1	18371	17729	19033	18378	3.55	cps
Cadmium	111-1	1635	1601	1587	1608	1.53	cps
Cadmium	106-1	1192	1108	1217	1172	4.84	cps
Cadmium	108-1	71	71	117	86	30.73	cps
Calcium	43-1	6227	6293	6454	6325	1.85	cps
Calcium	44-1	113291	114576	115124	114330	0.82	cps
Carbon	12-1	4194164	4286163	4289075	4256467	1.27	cps
Carbon	12-2	45947	44217	45421	45195	1.96	cps
Chlorine	35-1	656416	647066	627921	643801	2.26	cps
Chlorine	35-2	5485	4459	5084	5009	10.32	cps
Chromium	52-2	2897	3104	3050	3017	3.56	cps
Cobalt	59-2	2164	2184	2254	2200	2.15	cps
Copper	63-1	10700	10980	11096	10925	1.87	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	50	58	44	39.03	cps
Erbium	164-2	20	13	10	14	35.26	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	33	67	40	47	37.80	cps
Holmium	165-1	4268380	4324868	4242153	4278467	0.99	cps
Holmium	165-2	2100550	2070000	2041258	2070603	1.43	cps
Indium	115-1	3817730	3848927	3801295	3822650	0.63	cps
Indium	115-2	666812	655801	659521	660711	0.85	cps
Iron	54-2	3156	3406	3173	3245	4.31	cps
Iron	56-2	50478	52870	51114	51487	2.41	cps
Iron	57-2	1461	1667	1222	1450	15.34	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:43:37	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	653	627	680	653	4.08	cps
Lead	206-1	2995	2923	3006	2974	1.52	cps
Lead	207-1	2684	2473	2800	2652	6.27	cps
Lead	208-1	11936	11224	12208	11789	4.31	cps
Lithium	6-1	1456062	1437309	1406419	1433263	1.75	cps
Magnesium	24-2	48833	48899	49175	48969	0.37	cps
Manganese	55-2	690	753	697	713	4.88	cps
Molybdenum	94-1	8378	8161	8119	8219	1.69	cps
Molybdenum	95-1	9220	9203	9879	9434	4.08	cps
Molybdenum	96-1	10329	11463	11171	10988	5.36	cps
Molybdenum	97-1	6118	6052	6052	6074	0.63	cps
Molybdenum	98-1	15601	15567	15601	15590	0.12	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	643	717	730	697	6.70	cps
Phosphorus	31-2	142	217	175	178	21.14	cps
Potassium	39-2	57029	58276	57649	57652	1.08	cps
Rhodium	103-1	3705489	3612157	3689349	3668998	1.36	cps
Rhodium	103-2	1865025	1817272	1863653	1848650	1.47	cps
Scandium	45-1	2841061	2802844	2771280	2805062	1.25	cps
Scandium	45-2	108337	108015	107313	107889	0.49	cps
Selenium	77-1	250	571	310	377	45.16	cps
Selenium	77-2	13	10	13	12	15.73	cps
Selenium	78-2	108	99	116	108	7.90	cps
Selenium	82-1	373	362	333	356	5.89	cps
Silicon	28-1	611880	610961	604493	609111	0.66	cps
Silver	107-1	4793	3851	4192	4279	11.14	cps
Silver	109-1	4292	3676	4242	4070	8.42	cps
Sodium	23-2	106521	108728	109325	108191	1.36	cps
Strontium	86-1	2409	2675	2542	2542	5.25	cps
Strontium	88-1	11071	11422	11789	11427	3.14	cps
Sulfur	34-1	280858	280146	282425	281143	0.41	cps
Terbium	159-1	4503144	4643163	4530959	4559088	1.63	cps
Terbium	159-2	2065524	2072620	2061986	2066710	0.26	cps
Thallium	203-1	3050	3334	3317	3234	4.92	cps
Thallium	205-1	8078	7611	8011	7900	3.20	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:43:37	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	15109	15351	14675	15045	2.28	cps
Titanium	47-1	3150	3000	3059	3070	2.46	cps
Uranium	238-1	8787	8820	8620	8742	1.23	cps
Vanadium	51-2	5164	5031	5144	5113	1.41	cps
Ytterbium	172-1	33	25	0	19	89.21	cps
Ytterbium	172-2	11	6	6	7	43.24	cps
Ytterbium	176-1	433	300	417	383	18.95	cps
Ytterbium	176-2	2561	2723	2928	2737	6.71	cps
Yttrium	89-1	5906058	5836257	5797639	5846651	0.94	cps
Yttrium	89-2	721879	711253	708520	713884	0.99	cps
Zinc	66-2	583	530	530	548	5.62	cps
Zirconium	90-1	7169	7094	7411	7224	2.29	cps
Zirconium	91-1	1475	1592	1567	1545	3.98	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	PB142164BL	Instrumnet Name :	P8
Client Sample ID :	PB142164BL	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:46:42	DataFile Name :	017AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	100	120	105	12.60	cps
Antimony	121-1	42	83	58	61	34.32	cps
Arsenic	75-2	5	4	3	4	25.00	cps
Barium	135-1	42	8	58	36	70.51	cps
Barium	137-1	58	25	17	33	66.14	cps
Beryllium	9-1	76	82	74	77	5.38	cps
Bismuth	209-1	2479170	2600547	2531965	2537228	2.40	cps
Bismuth	209-2	1350364	1348266	1350030	1349553	0.08	cps
Boron	10-1	2978	2780	2838	2865	3.55	cps
Boron	11-1	14008	13642	13219	13623	2.90	cps
Bromine	81-1	18421	18051	19083	18518	2.82	cps
Cadmium	111-1	948	975	1027	984	4.07	cps
Cadmium	106-1	1350	1358	1450	1386	4.00	cps
Cadmium	108-1	25	25	13	21	34.64	cps
Calcium	43-1	217	211	239	222	6.48	cps
Calcium	44-1	15294	14921	15130	15115	1.24	cps
Carbon	12-1	4214256	4136476	4149222	4166651	1.00	cps
Carbon	12-2	46249	45630	43457	45112	3.25	cps
Chlorine	35-1	554956	555257	548787	553000	0.66	cps
Chlorine	35-2	4092	4217	4134	4148	1.54	cps
Chromium	52-2	633	677	600	637	6.04	cps
Cobalt	59-2	63	60	60	61	3.15	cps
Copper	63-1	2086	1979	2039	2035	2.63	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	58	17	17	31	78.71	cps
Gadolinium	160-2	30	83	37	50	58.11	cps
Holmium	165-1	4226977	4338959	4328468	4298134	1.44	cps
Holmium	165-2	2105172	2076220	2074430	2085274	0.83	cps
Indium	115-1	3822574	3812986	3817443	3817668	0.13	cps
Indium	115-2	662480	657507	652990	657659	0.72	cps
Iron	54-2	522	450	506	493	7.68	cps
Iron	56-2	3417	3023	3156	3199	6.27	cps
Iron	57-2	250	211	261	241	10.91	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	PB142164BL	Instrumnet Name :	P8
Client Sample ID :	PB142164BL	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:46:42	DataFile Name :	017AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	747	630	753	710	9.77	cps
Lead	206-1	572	467	450	496	13.35	cps
Lead	207-1	478	422	433	444	6.61	cps
Lead	208-1	2128	1945	1978	2017	4.84	cps
Lithium	6-1	1424626	1483992	1443114	1450577	2.09	cps
Magnesium	24-2	417	433	500	450	9.80	cps
Manganese	55-2	43	57	57	52	14.75	cps
Molybdenum	94-1	192	175	92	153	35.07	cps
Molybdenum	95-1	50	125	83	86	43.64	cps
Molybdenum	96-1	142	158	175	158	10.53	cps
Molybdenum	97-1	25	42	33	33	25.01	cps
Molybdenum	98-1	117	117	92	108	13.32	cps
Neodymium	150-1	13	0	27	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	120	97	99	20.32	cps
Phosphorus	31-2	117	133	150	133	12.50	cps
Potassium	39-2	18537	18980	19364	18960	2.18	cps
Rhodium	103-1	3740303	3717213	3756494	3738003	0.53	cps
Rhodium	103-2	1830829	1812545	1809006	1817460	0.64	cps
Scandium	45-1	2828022	2799939	2819868	2815943	0.51	cps
Scandium	45-2	109688	108425	107236	108450	1.13	cps
Selenium	77-1	200	130	120	150	29.06	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	67	53	60	60	11.66	cps
Selenium	82-1	-40	81	-89	-16	-548.82	cps
Silicon	28-1	569474	569557	581608	573547	1.22	cps
Silver	107-1	117	67	83	89	28.64	cps
Silver	109-1	167	42	58	89	76.35	cps
Sodium	23-2	15208	15726	16660	15865	4.64	cps
Strontium	86-1	1108	1125	1158	1131	2.25	cps
Strontium	88-1	333	275	258	289	13.63	cps
Sulfur	34-1	281291	282599	278147	280679	0.82	cps
Terbium	159-1	4498792	4642165	4538284	4559747	1.62	cps
Terbium	159-2	2133896	2081445	2058146	2091162	1.86	cps
Thallium	203-1	375	475	358	403	15.67	cps
Thallium	205-1	892	908	875	892	1.87	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	PB142164BL	Instrumnet Name :	P8
Client Sample ID :	PB142164BL	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:46:42	DataFile Name :	017AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	342	417	759	506	43.96	cps
Titanium	47-1	133	100	183	139	30.20	cps
Uranium	238-1	8	25	0	11	114.58	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Ytterbium	172-1	17	25	42	28	45.82	cps
Ytterbium	172-2	0	6	6	4	86.60	cps
Ytterbium	176-1	575	392	433	467	20.59	cps
Ytterbium	176-2	2589	2645	2639	2624	1.17	cps
Yttrium	89-1	5949182	6029937	5939642	5972920	0.83	cps
Yttrium	89-2	725250	717115	712008	718124	0.93	cps
Zinc	66-2	147	183	183	171	12.37	cps
Zirconium	90-1	342	375	425	381	11.02	cps
Zirconium	91-1	67	92	133	97	34.64	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	PB142164BS	Instrumnet Name :	P8
Client Sample ID :	PB142164BS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:49:48	DataFile Name :	018AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	369951	368105	366587	368214	0.46	cps
Antimony	121-1	1779714	1721724	1822022	1774487	2.84	cps
Arsenic	75-2	58783	58739	58049	58524	0.70	cps
Barium	135-1	2395033	2328529	2424898	2382820	2.07	cps
Barium	137-1	4012089	4036615	4029792	4026165	0.31	cps
Beryllium	9-1	457043	456798	457361	457067	0.06	cps
Bismuth	209-1	2569491	2572811	2591592	2577965	0.46	cps
Bismuth	209-2	1384825	1404075	1384837	1391246	0.80	cps
Boron	10-1	85558	93152	97513	92074	6.57	cps
Boron	11-1	410608	439362	462857	437609	5.98	cps
Bromine	81-1	17700	17329	18090	17706	2.15	cps
Cadmium	111-1	449201	450981	447653	449278	0.37	cps
Cadmium	106-1	50042	49883	50100	50008	0.22	cps
Cadmium	108-1	34502	34280	32756	33846	2.81	cps
Calcium	43-1	681478	689090	690509	687026	0.71	cps
Calcium	44-1	11041052	11337849	10743353	11040751	2.69	cps
Carbon	12-1	4830436	4979090	4968491	4926005	1.68	cps
Carbon	12-2	54409	54778	55254	54814	0.77	cps
Chlorine	35-1	484333	472231	465531	474032	2.01	cps
Chlorine	35-2	3384	3325	3442	3384	1.72	cps
Chromium	52-2	648382	635878	634898	639719	1.18	cps
Cobalt	59-2	1130329	1101042	1115789	1115720	1.31	cps
Copper	63-1	22722168	23111766	22633256	22822397	1.12	cps
Dysprosium	156-1	100	100	58	86	27.94	cps
Dysprosium	156-2	60	70	50	60	16.67	cps
Erbium	164-1	75	58	50	61	20.83	cps
Erbium	164-2	27	23	33	28	18.33	cps
Gadolinium	160-1	100	142	125	122	17.16	cps
Gadolinium	160-2	87	57	80	74	21.16	cps
Holmium	165-1	4517087	4403460	4451917	4457488	1.28	cps
Holmium	165-2	2208966	2152792	2157041	2172933	1.44	cps
Indium	115-1	3784575	3914699	3873166	3857480	1.72	cps
Indium	115-2	665637	668558	657700	663965	0.85	cps
Iron	54-2	1520184	1484096	1458738	1487673	2.08	cps
Iron	56-2	26110725	25777871	25890715	25926437	0.65	cps
Iron	57-2	631452	618370	617839	622554	1.24	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	PB142164BS	Instrumnet Name :	P8
Client Sample ID :	PB142164BS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:49:48	DataFile Name :	018AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	643	670	680	664	2.85	cps
Lead	206-1	6634923	6625166	6635141	6631743	0.09	cps
Lead	207-1	5693597	5729553	5743287	5722145	0.45	cps
Lead	208-1	25993282	26238327	26521356	26250988	1.01	cps
Lithium	6-1	1477179	1488624	1467100	1477635	0.73	cps
Magnesium	24-2	5301430	5328051	5265859	5298447	0.59	cps
Manganese	55-2	3459786	3464636	3418362	3447595	0.74	cps
Molybdenum	94-1	7539927	7557849	7705220	7600999	1.19	cps
Molybdenum	95-1	10744758	11026162	10898244	10889721	1.29	cps
Molybdenum	96-1	11895697	12069882	12254954	12073511	1.49	cps
Molybdenum	97-1	6817343	6812285	6809997	6813209	0.06	cps
Molybdenum	98-1	17675238	17585489	17879361	17713363	0.85	cps
Neodymium	150-1	87	167	187	147	36.08	cps
Neodymium	150-2	27	47	20	31	44.61	cps
Nickel	60-2	300492	296237	294902	297210	0.98	cps
Phosphorus	31-2	18562	18529	18203	18432	1.08	cps
Potassium	39-2	2128610	2136316	2129490	2131472	0.20	cps
Rhodium	103-1	3653440	3744496	3730119	3709351	1.32	cps
Rhodium	103-2	1869727	1912336	1858096	1880053	1.52	cps
Scandium	45-1	2850394	2884442	2830661	2855165	0.95	cps
Scandium	45-2	112325	111300	110695	111440	0.74	cps
Selenium	77-1	26683	27866	27084	27211	2.21	cps
Selenium	77-2	1177	1270	1260	1236	4.15	cps
Selenium	78-2	4323	4269	4229	4274	1.10	cps
Selenium	82-1	34584	34416	34925	34642	0.75	cps
Silicon	28-1	22626274	23520052	22776284	22974203	2.08	cps
Silver	107-1	2302637	2364876	2317726	2328413	1.39	cps
Silver	109-1	2288087	2202640	2194926	2228551	2.32	cps
Sodium	23-2	10322059	10302611	10290284	10304984	0.16	cps
Strontium	86-1	7041618	6946050	6958399	6982022	0.74	cps
Strontium	88-1	59640162	59371010	59424637	59478603	0.24	cps
Sulfur	34-1	495604	492147	492090	493280	0.41	cps
Terbium	159-1	4684577	4689310	4821115	4731667	1.64	cps
Terbium	159-2	2187236	2194700	2181714	2187883	0.30	cps
Thallium	203-1	1530827	1610561	1555219	1565536	2.61	cps
Thallium	205-1	3777701	3812360	3864223	3818095	1.14	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	PB142164BS	Instrumnet Name :	P8
Client Sample ID :	PB142164BS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:49:48	DataFile Name :	018AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1579506	1570827	1586852	1579062	0.51	cps
Titanium	47-1	3435974	3557868	3408780	3467540	2.29	cps
Uranium	238-1	4970023	4994735	5040586	5001781	0.72	cps
Vanadium	51-2	528822	526185	520421	525143	0.82	cps
Ytterbium	172-1	17	50	25	31	56.77	cps
Ytterbium	172-2	17	17	17	17	0.00	cps
Ytterbium	176-1	6985	7569	7077	7211	4.35	cps
Ytterbium	176-2	6157	6118	6174	6150	0.46	cps
Yttrium	89-1	6005957	6122665	6116974	6081865	1.08	cps
Yttrium	89-2	734709	734987	734528	734741	0.03	cps
Zinc	66-2	926043	922943	921805	923597	0.24	cps
Zirconium	90-1	3726514	3702599	3804640	3744585	1.43	cps
Zirconium	91-1	814927	842753	842611	833430	1.92	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:58:33	DataFile Name :	019AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3117	3126	3563	3269	7.79	cps
Antimony	121-1	758	642	833	744	12.97	cps
Arsenic	75-2	23	22	56	34	57.48	cps
Barium	135-1	39684	39927	41272	40294	2.12	cps
Barium	137-1	67762	69597	70308	69222	1.90	cps
Beryllium	9-1	124	102	92	106	15.45	cps
Bismuth	209-1	2442099	2491735	2278273	2404036	4.65	cps
Bismuth	209-2	1318963	1750808	1324715	1464829	16.91	cps
Boron	10-1	8023	8355	8657	8345	3.80	cps
Boron	11-1	38378	40451	40487	39772	3.04	cps
Bromine	81-1	23253	23253	24698	23735	3.51	cps
Cadmium	111-1	973	1008	808	930	11.48	cps
Cadmium	106-1	1158	1225	1017	1133	9.39	cps
Cadmium	108-1	67	71	113	83	30.41	cps
Calcium	43-1	397337	397928	402083	399116	0.65	cps
Calcium	44-1	6571133	6493697	6479524	6514785	0.76	cps
Carbon	12-1	6620839	7181787	7722448	7175025	7.68	cps
Carbon	12-2	89723	89254	92666	90548	2.04	cps
Chlorine	35-1	625850	684631	729568	680016	7.65	cps
Chlorine	35-2	7060	6677	7244	6994	4.14	cps
Chromium	52-2	71903	70221	70268	70797	1.35	cps
Cobalt	59-2	3787	3644	4224	3885	7.78	cps
Copper	63-1	1638373	1639435	1656689	1644832	0.63	cps
Dysprosium	156-1	25	42	25	31	31.50	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	27	23	10	20	44.10	cps
Gadolinium	160-1	58	33	83	58	42.87	cps
Gadolinium	160-2	60	43	57	53	16.54	cps
Holmium	165-1	4201564	4312189	3828050	4113934	6.17	cps
Holmium	165-2	2043383	2562804	2098412	2234866	12.77	cps
Indium	115-1	3726866	3846479	3415792	3663046	6.07	cps
Indium	115-2	632753	797136	654011	694634	12.87	cps
Iron	54-2	35043	35277	36904	35741	2.84	cps
Iron	56-2	611460	589267	611771	604166	2.14	cps
Iron	57-2	16148	15998	16788	16311	2.57	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:58:33	DataFile Name :	019AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	567	703	643	638	10.74	cps
Lead	206-1	45647	44900	46177	45575	1.41	cps
Lead	207-1	38803	38296	39516	38872	1.58	cps
Lead	208-1	182391	180918	182812	182040	0.55	cps
Lithium	6-1	1436749	1441810	1314542	1397700	5.16	cps
Magnesium	24-2	1050996	1058624	1112099	1073906	3.10	cps
Manganese	55-2	106644	104043	108117	106268	1.94	cps
Molybdenum	94-1	892	742	733	789	11.30	cps
Molybdenum	95-1	1208	1133	1008	1117	9.05	cps
Molybdenum	96-1	1433	1167	1292	1297	10.29	cps
Molybdenum	97-1	567	642	808	672	18.40	cps
Molybdenum	98-1	1875	1800	1517	1731	10.92	cps
Neodymium	150-1	7	27	33	22	62.43	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	17324	16673	17461	17153	2.45	cps
Phosphorus	31-2	825	783	958	856	10.68	cps
Potassium	39-2	203063	204061	209472	205532	1.68	cps
Rhodium	103-1	3621810	3550010	3205641	3459154	6.43	cps
Rhodium	103-2	1784815	2210140	1842170	1945708	11.86	cps
Scandium	45-1	2782409	2781525	2571987	2711974	4.47	cps
Scandium	45-2	105047	130669	107278	114331	12.41	cps
Selenium	77-1	130	150	170	150	13.34	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	74	61	73	69	10.43	cps
Selenium	82-1	89	-14	92	56	108.38	cps
Silicon	28-1	12767669	12671034	12765851	12734852	0.43	cps
Silver	107-1	233	183	183	200	14.43	cps
Silver	109-1	217	217	233	222	4.33	cps
Sodium	23-2	11186759	11285424	11419419	11297201	1.03	cps
Strontium	86-1	223614	225044	231734	226797	1.91	cps
Strontium	88-1	1942396	2015361	2009778	1989178	2.04	cps
Sulfur	34-1	599649	599379	594975	598001	0.44	cps
Terbium	159-1	4548312	4504050	4165191	4405851	4.76	cps
Terbium	159-2	2081898	2562934	2115702	2253511	11.91	cps
Thallium	203-1	325	267	358	317	14.65	cps
Thallium	205-1	808	533	617	653	21.60	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 15:58:33	DataFile Name :	019AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	967	950	842	920	7.38	cps
Titanium	47-1	333	475	467	425	18.70	cps
Uranium	238-1	592	608	625	608	2.74	cps
Vanadium	51-2	627	500	913	680	31.15	cps
Ytterbium	172-1	17	50	17	28	69.27	cps
Ytterbium	172-2	22	11	39	24	58.08	cps
Ytterbium	176-1	392	392	283	356	17.59	cps
Ytterbium	176-2	2495	3589	2700	2928	19.87	cps
Yttrium	89-1	5933278	5798330	5283193	5671600	6.05	cps
Yttrium	89-2	690886	863186	705846	753306	12.67	cps
Zinc	66-2	350071	353116	352570	351919	0.46	cps
Zirconium	90-1	550	383	625	519	23.81	cps
Zirconium	91-1	50	117	175	114	54.92	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01DUP	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDDUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:01:33	DataFile Name :	020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3039	3115	3152	3102	1.87	cps
Antimony	121-1	642	575	767	661	14.72	cps
Arsenic	75-2	27	21	35	28	25.39	cps
Barium	135-1	38731	40143	40720	39865	2.57	cps
Barium	137-1	69990	69177	70534	69901	0.98	cps
Beryllium	9-1	96	110	78	95	16.94	cps
Bismuth	209-1	2546037	2413121	2438524	2465894	2.86	cps
Bismuth	209-2	1270813	1283201	1199439	1251151	3.61	cps
Boron	10-1	7454	7797	7594	7615	2.26	cps
Boron	11-1	36542	37017	37628	37062	1.47	cps
Bromine	81-1	24918	25449	25379	25249	1.14	cps
Cadmium	111-1	1206	1278	1116	1200	6.79	cps
Cadmium	106-1	1483	1642	1283	1470	12.22	cps
Cadmium	108-1	58	96	71	75	25.47	cps
Calcium	43-1	393578	400414	398572	397521	0.89	cps
Calcium	44-1	6401623	6661909	6569455	6544329	2.02	cps
Carbon	12-1	7360034	7885182	8280647	7841954	5.89	cps
Carbon	12-2	93304	95358	96213	94959	1.57	cps
Chlorine	35-1	887801	948075	1001184	945687	6.00	cps
Chlorine	35-2	8845	9153	9487	9161	3.50	cps
Chromium	52-2	70278	70265	69880	70141	0.32	cps
Cobalt	59-2	3814	3677	3797	3763	1.98	cps
Copper	63-1	1592320	1654805	1627757	1624961	1.93	cps
Dysprosium	156-1	8	17	58	28	96.44	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	75	58	42	58	28.57	cps
Erbium	164-2	17	13	37	22	56.80	cps
Gadolinium	160-1	67	75	58	67	12.50	cps
Gadolinium	160-2	37	40	83	53	48.81	cps
Holmium	165-1	4213339	4287842	4204548	4235243	1.08	cps
Holmium	165-2	2010912	1977172	1866482	1951522	3.87	cps
Indium	115-1	3602209	3823582	3643984	3689925	3.19	cps
Indium	115-2	624732	626930	580800	610821	4.26	cps
Iron	54-2	34676	35389	36720	35595	2.91	cps
Iron	56-2	597599	595906	602069	598525	0.53	cps
Iron	57-2	15514	15269	15448	15410	0.82	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01DUP	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDDUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:01:33	DataFile Name :	020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	673	673	630	659	3.80	cps
Lead	206-1	45987	46495	45184	45889	1.44	cps
Lead	207-1	39745	38173	40152	39356	2.65	cps
Lead	208-1	179783	180689	179774	180082	0.29	cps
Lithium	6-1	1382861	1398521	1432002	1404461	1.79	cps
Magnesium	24-2	1097947	1062204	1058992	1073048	2.02	cps
Manganese	55-2	106577	105745	105557	105960	0.51	cps
Molybdenum	94-1	750	633	675	686	8.62	cps
Molybdenum	95-1	908	1000	983	964	5.07	cps
Molybdenum	96-1	1233	1292	1050	1192	10.58	cps
Molybdenum	97-1	592	675	633	633	6.58	cps
Molybdenum	98-1	1442	1425	1458	1442	1.16	cps
Neodymium	150-1	7	13	33	18	78.05	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	16750	16877	17024	16883	0.81	cps
Phosphorus	31-2	892	692	867	817	13.34	cps
Potassium	39-2	204179	203081	206073	204444	0.74	cps
Rhodium	103-1	3465492	3673876	3503147	3547505	3.13	cps
Rhodium	103-2	1741619	1771042	1654931	1722531	3.50	cps
Scandium	45-1	2738284	2769736	2808149	2772057	1.26	cps
Scandium	45-2	104326	104570	96079	101658	4.75	cps
Selenium	77-1	130	210	190	177	23.57	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	59	61	71	64	10.10	cps
Selenium	82-1	35	45	83	54	46.91	cps
Silicon	28-1	12661678	12886343	12928284	12825435	1.12	cps
Silver	107-1	208	217	150	192	18.95	cps
Silver	109-1	142	175	192	169	15.02	cps
Sodium	23-2	11370360	11438118	11365332	11391270	0.36	cps
Strontium	86-1	221911	228609	226863	225794	1.54	cps
Strontium	88-1	1980180	1998060	1963383	1980541	0.88	cps
Sulfur	34-1	587596	593265	601374	594079	1.17	cps
Terbium	159-1	4419734	4572138	4293351	4428408	3.15	cps
Terbium	159-2	2008140	1951392	1863179	1940904	3.76	cps
Thallium	203-1	250	258	317	275	13.21	cps
Thallium	205-1	558	625	542	575	7.67	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01DUP	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDDUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:01:33	DataFile Name :	020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	917	908	1083	970	10.18	cps
Titanium	47-1	392	367	392	383	3.77	cps
Uranium	238-1	658	492	458	536	19.99	cps
Vanadium	51-2	577	503	533	538	6.86	cps
Ytterbium	172-1	42	42	83	56	43.30	cps
Ytterbium	172-2	11	0	22	11	100.00	cps
Ytterbium	176-1	450	333	475	419	18.03	cps
Ytterbium	176-2	2550	2661	2706	2639	3.04	cps
Yttrium	89-1	5710091	5833905	5550621	5698206	2.49	cps
Yttrium	89-2	678225	685796	642198	668740	3.48	cps
Zinc	66-2	350894	347741	354133	350923	0.91	cps
Zirconium	90-1	467	425	383	425	9.80	cps
Zirconium	91-1	58	83	100	81	26.03	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : N1151-01LX5 Instrumnet Name : P8
 Client Sample ID : ROOM-101A-REDL Dilution Factor : 5
 Date & Time Acquired :: 2022-01-24 16:04:36 DataFile Name : 021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	745	714	759	739	3.12	cps
Antimony	121-1	342	458	158	319	47.34	cps
Arsenic	75-2	6	8	8	7	15.75	cps
Barium	135-1	8511	9078	8503	8697	3.79	cps
Barium	137-1	14884	15051	13882	14606	4.33	cps
Beryllium	9-1	106	120	86	104	16.43	cps
Bismuth	209-1	2618663	2586338	2552194	2585732	1.29	cps
Bismuth	209-2	1380167	1389129	1371663	1380320	0.63	cps
Boron	10-1	5092	5070	5240	5134	1.80	cps
Boron	11-1	24163	24706	25225	24698	2.15	cps
Bromine	81-1	20777	21438	20486	20900	2.34	cps
Cadmium	111-1	1021	1009	935	988	4.74	cps
Cadmium	106-1	1367	1267	1275	1303	4.26	cps
Cadmium	108-1	21	46	29	32	39.85	cps
Calcium	43-1	80678	80803	80918	80799	0.15	cps
Calcium	44-1	1355039	1374431	1355025	1361499	0.82	cps
Carbon	12-1	5535279	5598149	5541380	5558269	0.62	cps
Carbon	12-2	60006	58894	58074	58991	1.64	cps
Chlorine	35-1	863255	839521	821763	841513	2.47	cps
Chlorine	35-2	6443	6377	5976	6265	4.03	cps
Chromium	52-2	14878	15202	14010	14697	4.19	cps
Cobalt	59-2	903	900	833	879	4.49	cps
Copper	63-1	323697	328046	320277	324006	1.20	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	20	23	7	17	52.90	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	57	50	40	49	17.16	cps
Holmium	165-1	4399842	4470294	4398847	4422995	0.93	cps
Holmium	165-2	2141838	2143879	2129310	2138342	0.37	cps
Indium	115-1	3999435	4041934	3946271	3995880	1.20	cps
Indium	115-2	667225	670241	667590	668352	0.25	cps
Iron	54-2	7408	7402	7385	7398	0.16	cps
Iron	56-2	124151	122756	121344	122750	1.14	cps
Iron	57-2	3367	3284	3256	3302	1.75	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01LX5	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDL	Dilution Factor :	5
Date & Time Acquired ::	2022-01-24 16:04:36	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	670	710	577	652	10.49	cps
Lead	206-1	9809	10861	9743	10138	6.19	cps
Lead	207-1	8319	8659	8536	8505	2.02	cps
Lead	208-1	38490	41384	38161	39345	4.51	cps
Lithium	6-1	1521072	1463271	1529284	1504542	2.39	cps
Magnesium	24-2	212457	212864	207597	210972	1.39	cps
Manganese	55-2	21410	21269	20982	21220	1.03	cps
Molybdenum	94-1	700	725	267	564	45.70	cps
Molybdenum	95-1	1084	934	275	764	56.31	cps
Molybdenum	96-1	667	1392	425	828	60.80	cps
Molybdenum	97-1	392	809	167	456	71.48	cps
Molybdenum	98-1	1017	2412	475	1301	76.79	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	3437	3587	3280	3435	4.47	cps
Phosphorus	31-2	267	358	317	314	14.62	cps
Potassium	39-2	55491	55165	55165	55273	0.34	cps
Rhodium	103-1	3693029	3773302	3654963	3707098	1.63	cps
Rhodium	103-2	1870612	1935075	1862263	1889317	2.11	cps
Scandium	45-1	2860344	2914111	2927669	2900708	1.23	cps
Scandium	45-2	109234	108949	109859	109347	0.43	cps
Selenium	77-1	140	150	140	143	4.03	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	56	54	71	60	15.40	cps
Selenium	82-1	7	1	86	31	151.49	cps
Silicon	28-1	2988033	3047420	3054250	3029901	1.20	cps
Silver	107-1	92	125	83	100	22.04	cps
Silver	109-1	108	42	92	81	43.07	cps
Sodium	23-2	2354048	2309649	2312228	2325308	1.07	cps
Strontium	86-1	47415	47290	47766	47490	0.52	cps
Strontium	88-1	395278	393181	392013	393491	0.42	cps
Sulfur	34-1	330104	332501	332443	331683	0.41	cps
Terbium	159-1	4609998	4758902	4622093	4663664	1.77	cps
Terbium	159-2	2106389	2115840	2106490	2109573	0.26	cps
Thallium	203-1	217	433	183	278	48.87	cps
Thallium	205-1	467	1000	508	658	45.07	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01LX5	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDL	Dilution Factor :	5
Date & Time Acquired ::	2022-01-24 16:04:36	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	617	700	517	611	15.02	cps
Titanium	47-1	292	417	250	319	27.15	cps
Uranium	238-1	267	367	133	256	45.81	cps
Vanadium	51-2	123	73	150	116	33.68	cps
Ytterbium	172-1	33	8	17	19	65.47	cps
Ytterbium	172-2	11	11	6	9	34.60	cps
Ytterbium	176-1	417	442	542	467	14.17	cps
Ytterbium	176-2	2445	2945	3045	2811	11.44	cps
Yttrium	89-1	6001944	6039772	5976023	6005913	0.53	cps
Yttrium	89-2	732356	727904	716610	725624	1.12	cps
Zinc	66-2	71107	71626	72364	71699	0.88	cps
Zirconium	90-1	567	600	392	519	21.55	cps
Zirconium	91-1	100	133	117	117	14.29	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-02	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-BLUE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:07:37	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2946	2861	2814	2874	2.34	cps
Antimony	121-1	442	542	542	508	11.36	cps
Arsenic	75-2	33	18	22	24	31.92	cps
Barium	135-1	37745	38347	38280	38124	0.87	cps
Barium	137-1	64999	65953	66028	65660	0.87	cps
Beryllium	9-1	70	72	88	77	12.86	cps
Bismuth	209-1	2442979	2436490	2532514	2470661	2.17	cps
Bismuth	209-2	1335880	1339395	1344632	1339969	0.33	cps
Boron	10-1	6494	6808	6804	6702	2.69	cps
Boron	11-1	31816	32640	33088	32515	1.98	cps
Bromine	81-1	24437	25179	25409	25008	2.03	cps
Cadmium	111-1	1101	1170	960	1077	9.90	cps
Cadmium	106-1	1475	1525	1325	1442	7.22	cps
Cadmium	108-1	88	63	96	82	21.17	cps
Calcium	43-1	395068	397299	405609	399325	1.39	cps
Calcium	44-1	6513708	6563870	6544804	6540794	0.39	cps
Carbon	12-1	6989745	7763152	8063486	7605461	7.28	cps
Carbon	12-2	92842	93664	94100	93536	0.68	cps
Chlorine	35-1	955047	1020703	1068516	1014755	5.61	cps
Chlorine	35-2	9570	9612	9512	9564	0.53	cps
Chromium	52-2	1667	1497	1443	1536	7.60	cps
Cobalt	59-2	250	240	277	256	7.42	cps
Copper	63-1	1963854	1972232	1972289	1969458	0.25	cps
Dysprosium	156-1	42	42	50	44	10.82	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	42	58	83	61	34.32	cps
Erbium	164-2	23	13	30	22	37.76	cps
Gadolinium	160-1	75	67	42	61	28.38	cps
Gadolinium	160-2	63	47	40	50	24.03	cps
Holmium	165-1	4126517	4282525	4354605	4254549	2.74	cps
Holmium	165-2	2129054	2100819	2097705	2109193	0.82	cps
Indium	115-1	3860707	3873156	3901907	3878590	0.54	cps
Indium	115-2	657606	657831	655933	657123	0.16	cps
Iron	54-2	5612	5685	6057	5785	4.12	cps
Iron	56-2	102151	102835	103746	102911	0.78	cps
Iron	57-2	3173	3378	3467	3339	4.52	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-02	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-BLUE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:07:37	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	723	600	750	691	11.58	cps
Lead	206-1	10082	10249	10243	10191	0.93	cps
Lead	207-1	8564	8420	8447	8477	0.90	cps
Lead	208-1	38667	39324	40059	39350	1.77	cps
Lithium	6-1	1403487	1500164	1414119	1439257	3.68	cps
Magnesium	24-2	1047964	1070079	1090187	1069410	1.97	cps
Manganese	55-2	7175	7635	7542	7451	3.27	cps
Molybdenum	94-1	683	600	542	608	11.70	cps
Molybdenum	95-1	933	900	1000	945	5.39	cps
Molybdenum	96-1	1083	1092	1158	1111	3.70	cps
Molybdenum	97-1	517	525	542	528	2.41	cps
Molybdenum	98-1	1400	1217	1408	1342	8.07	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	11755	11788	12019	11854	1.21	cps
Phosphorus	31-2	783	858	775	806	5.70	cps
Potassium	39-2	201129	203045	203275	202483	0.58	cps
Rhodium	103-1	3595093	3657086	3642469	3631549	0.89	cps
Rhodium	103-2	1802536	1853839	1812081	1822819	1.50	cps
Scandium	45-1	2801356	2783701	2834633	2806563	0.92	cps
Scandium	45-2	108268	110054	108815	109046	0.84	cps
Selenium	77-1	240	230	220	230	4.35	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	63	62	51	59	11.35	cps
Selenium	82-1	-13	105	-51	13	610.30	cps
Silicon	28-1	12685135	12925168	13350613	12986972	2.60	cps
Silver	107-1	175	208	158	181	14.10	cps
Silver	109-1	142	150	142	144	3.33	cps
Sodium	23-2	11209298	11634795	11304076	11382723	1.96	cps
Strontium	86-1	218228	225557	226197	223327	1.98	cps
Strontium	88-1	1935296	1972636	1970671	1959534	1.07	cps
Sulfur	34-1	588620	589004	599701	592442	1.06	cps
Terbium	159-1	4338030	4526281	4518284	4460865	2.39	cps
Terbium	159-2	2077046	2105708	2064606	2082453	1.01	cps
Thallium	203-1	242	183	142	189	26.59	cps
Thallium	205-1	425	558	408	464	17.72	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-02	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-BLUE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:07:37	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	592	600	708	633	10.28	cps
Titanium	47-1	358	408	342	369	9.39	cps
Uranium	238-1	508	425	433	456	10.07	cps
Vanadium	51-2	187	190	190	189	1.02	cps
Ytterbium	172-1	67	117	17	67	75.00	cps
Ytterbium	172-2	17	33	17	22	43.28	cps
Ytterbium	176-1	333	467	483	428	19.22	cps
Ytterbium	176-2	2417	2939	2995	2784	11.45	cps
Yttrium	89-1	5678316	5915778	5782130	5792074	2.06	cps
Yttrium	89-2	714900	725090	719454	719815	0.71	cps
Zinc	66-2	383994	378004	384489	382162	0.94	cps
Zirconium	90-1	283	592	617	497	37.34	cps
Zirconium	91-1	92	133	150	125	24.04	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01MS	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDMS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:10:40	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	314084	311609	313199	312964	0.40	cps
Antimony	121-1	1664113	1739008	1747277	1716799	2.67	cps
Arsenic	75-2	58851	58249	58555	58552	0.51	cps
Barium	135-1	2048523	2168834	2153766	2123708	3.09	cps
Barium	137-1	3455900	3660487	3555980	3557455	2.88	cps
Beryllium	9-1	434057	437883	441999	437980	0.91	cps
Bismuth	209-1	2223750	2405750	2325306	2318269	3.93	cps
Bismuth	209-2	1230799	1208442	1259048	1232763	2.06	cps
Boron	10-1	36410	38541	40620	38523	5.46	cps
Boron	11-1	174149	186782	194572	185168	5.57	cps
Bromine	81-1	21539	24798	23494	23277	7.05	cps
Cadmium	111-1	415056	426269	435670	425665	2.42	cps
Cadmium	106-1	44949	46345	48293	46529	3.61	cps
Cadmium	108-1	31252	30989	31461	31234	0.76	cps
Calcium	43-1	929456	942712	953431	941866	1.28	cps
Calcium	44-1	15395206	15517585	15383585	15432125	0.48	cps
Carbon	12-1	7585776	8162228	8333121	8027042	4.88	cps
Carbon	12-2	95745	97279	96198	96407	0.82	cps
Chlorine	35-1	1249129	1287076	1332472	1289559	3.24	cps
Chlorine	35-2	11496	11163	11989	11549	3.60	cps
Chromium	52-2	691097	685939	692989	690008	0.53	cps
Cobalt	59-2	1100924	1096265	1098595	1098594	0.21	cps
Copper	63-1	23587357	24815342	23599563	24000754	2.94	cps
Dysprosium	156-1	142	67	108	106	35.60	cps
Dysprosium	156-2	50	50	40	47	12.37	cps
Erbium	164-1	50	83	67	67	25.00	cps
Erbium	164-2	13	33	13	20	57.74	cps
Gadolinium	160-1	142	92	125	119	21.31	cps
Gadolinium	160-2	60	87	93	80	22.05	cps
Holmium	165-1	3958192	3991781	4100417	4016797	1.85	cps
Holmium	165-2	1966087	1914268	1941332	1940562	1.34	cps
Indium	115-1	3432900	3531944	3564719	3509854	1.96	cps
Indium	115-2	591392	592601	597792	593928	0.57	cps
Iron	54-2	1283641	1272833	1284979	1280484	0.52	cps
Iron	56-2	23683184	23572785	23833205	23696391	0.55	cps
Iron	57-2	569925	566016	566753	567565	0.37	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01MS	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDMS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:10:40	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	670	647	687	668	3.01	cps
Lead	206-1	5933043	6095770	6023438	6017417	1.35	cps
Lead	207-1	5305035	5293581	5407009	5335208	1.17	cps
Lead	208-1	23488898	24395022	24333369	24072430	2.10	cps
Lithium	6-1	1316914	1332705	1352750	1334123	1.35	cps
Magnesium	24-2	5569752	5668657	5521053	5586487	1.35	cps
Manganese	55-2	3548307	3544989	3484274	3525856	1.02	cps
Molybdenum	94-1	3758796	3859381	3774982	3797720	1.42	cps
Molybdenum	95-1	4497436	4537648	4532155	4522413	0.48	cps
Molybdenum	96-1	5032138	5070807	5145442	5082796	1.13	cps
Molybdenum	97-1	2752044	2876088	2791962	2806698	2.26	cps
Molybdenum	98-1	6896400	7172696	7216100	7095065	2.44	cps
Neodymium	150-1	73	113	133	107	28.64	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	306756	303728	305391	305292	0.50	cps
Phosphorus	31-2	800	700	692	731	8.25	cps
Potassium	39-2	2150719	2121529	2135010	2135753	0.68	cps
Rhodium	103-1	3149809	3351399	3365297	3288835	3.67	cps
Rhodium	103-2	1696888	1665446	1630801	1664378	1.99	cps
Scandium	45-1	2546079	2664181	2676602	2628954	2.74	cps
Scandium	45-2	100676	99230	101378	100428	1.09	cps
Selenium	77-1	25389	24817	26763	25656	3.90	cps
Selenium	77-2	1193	1220	1143	1186	3.28	cps
Selenium	78-2	3914	3970	3966	3950	0.79	cps
Selenium	82-1	32145	32695	33112	32650	1.49	cps
Silicon	28-1	12596309	13092963	12964233	12884502	2.00	cps
Silver	107-1	1573281	1751662	1423648	1582864	10.37	cps
Silver	109-1	1432822	1854706	1176263	1487930	23.02	cps
Sodium	23-2	19340391	19172244	19161367	19224667	0.52	cps
Strontium	86-1	877674	882169	906597	888813	1.75	cps
Strontium	88-1	7547630	7576851	7843424	7655968	2.13	cps
Sulfur	34-1	554869	566963	557618	559817	1.13	cps
Terbium	159-1	4182326	4161945	4241275	4195182	0.98	cps
Terbium	159-2	1980106	1931266	1942763	1951378	1.31	cps
Thallium	203-1	1445704	1487648	1472362	1468571	1.45	cps
Thallium	205-1	3533211	3692174	3515930	3580438	2.71	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01MS	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDMS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:10:40	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1367158	1413106	1406674	1395646	1.78	cps
Titanium	47-1	1396076	1462823	1391547	1416815	2.82	cps
Uranium	238-1	4710761	5086381	4880135	4892426	3.84	cps
Vanadium	51-2	523670	522774	519481	521975	0.42	cps
Ytterbium	172-1	33	58	17	36	58.07	cps
Ytterbium	172-2	22	44	56	41	41.67	cps
Ytterbium	176-1	442	467	442	450	3.21	cps
Ytterbium	176-2	2600	2606	2839	2682	5.09	cps
Yttrium	89-1	5379720	5395148	5541855	5438908	1.65	cps
Yttrium	89-2	657556	651872	661581	657003	0.74	cps
Zinc	66-2	1186999	1183079	1192302	1187460	0.39	cps
Zirconium	90-1	3411601	3474666	3503855	3463374	1.36	cps
Zirconium	91-1	758370	771906	766420	765565	0.89	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : N1151-01MSD Instrumnet Name : P8
 Client Sample ID : ROOM-101A-REDMSD Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 16:13:34 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328805	326382	319537	324908	1.48	cps
Antimony	121-1	1760863	1689566	1799026	1749818	3.18	cps
Arsenic	75-2	60869	59950	59443	60087	1.20	cps
Barium	135-1	2251518	2138008	2266792	2218773	3.17	cps
Barium	137-1	3739645	3626112	3744770	3703509	1.81	cps
Beryllium	9-1	450547	453611	453121	452427	0.36	cps
Bismuth	209-1	2367615	2314473	2333100	2338396	1.15	cps
Bismuth	209-2	1277907	1231874	1214163	1241315	2.65	cps
Boron	10-1	40586	42619	44805	42670	4.95	cps
Boron	11-1	193490	205938	214548	204658	5.17	cps
Bromine	81-1	24497	25149	25429	25025	1.91	cps
Cadmium	111-1	426359	431770	446688	434939	2.42	cps
Cadmium	106-1	47039	48536	47809	47795	1.57	cps
Cadmium	108-1	32351	32994	31607	32317	2.15	cps
Calcium	43-1	972447	969659	984878	975661	0.83	cps
Calcium	44-1	15789548	16123138	16913007	16275231	3.55	cps
Carbon	12-1	7914897	8409697	8819730	8381441	5.41	cps
Carbon	12-2	98042	100383	100005	99477	1.26	cps
Chlorine	35-1	1369170	1436748	1467226	1424381	3.52	cps
Chlorine	35-2	13173	12689	12864	12909	1.90	cps
Chromium	52-2	718624	717494	701641	712586	1.33	cps
Cobalt	59-2	1152837	1133826	1126065	1137576	1.21	cps
Copper	63-1	24252601	24378567	24687037	24439401	0.91	cps
Dysprosium	156-1	142	83	125	117	25.75	cps
Dysprosium	156-2	53	53	50	52	3.68	cps
Erbium	164-1	92	67	75	78	16.37	cps
Erbium	164-2	20	27	33	27	24.99	cps
Gadolinium	160-1	175	83	75	111	49.94	cps
Gadolinium	160-2	90	110	63	88	26.67	cps
Holmium	165-1	4088641	4023073	4071006	4060907	0.84	cps
Holmium	165-2	2039496	1938521	1948756	1975591	2.81	cps
Indium	115-1	3533862	3437266	3556444	3509191	1.80	cps
Indium	115-2	610060	591089	587076	596075	2.06	cps
Iron	54-2	1322970	1324226	1301337	1316178	0.98	cps
Iron	56-2	24833572	24837032	24181589	24617398	1.53	cps
Iron	57-2	595801	591119	587957	591626	0.67	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01MSD	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDMSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:13:34	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	760	690	603	684	11.47	cps
Lead	206-1	6272825	6129055	6215635	6205838	1.17	cps
Lead	207-1	5398953	5396615	5464165	5419911	0.71	cps
Lead	208-1	24889682	24438394	24995661	24774579	1.19	cps
Lithium	6-1	1328356	1366397	1340876	1345210	1.44	cps
Magnesium	24-2	5835539	5822034	5704177	5787250	1.25	cps
Manganese	55-2	3581389	3583222	3535462	3566691	0.76	cps
Molybdenum	94-1	3887832	3844024	3943174	3891677	1.28	cps
Molybdenum	95-1	4617009	4553163	4652952	4607708	1.10	cps
Molybdenum	96-1	5198109	5226524	5271286	5231973	0.71	cps
Molybdenum	97-1	2827847	2870646	2879258	2859250	0.96	cps
Molybdenum	98-1	7481691	7279404	7388223	7383106	1.37	cps
Neodymium	150-1	93	127	147	122	22.04	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	315866	312852	309351	312690	1.04	cps
Phosphorus	31-2	667	817	950	811	17.48	cps
Potassium	39-2	2238913	2204090	2155203	2199402	1.91	cps
Rhodium	103-1	3369644	3326153	3422292	3372696	1.43	cps
Rhodium	103-2	1695918	1666199	1662863	1674993	1.09	cps
Scandium	45-1	2679984	2651901	2715043	2682309	1.18	cps
Scandium	45-2	103633	101532	99518	101561	2.03	cps
Selenium	77-1	25941	27846	25329	26372	4.98	cps
Selenium	77-2	1307	1143	1317	1256	7.75	cps
Selenium	78-2	4271	3975	3995	4080	4.06	cps
Selenium	82-1	33189	33367	33680	33412	0.74	cps
Silicon	28-1	13332527	13641395	13352529	13442150	1.29	cps
Silver	107-1	1547494	1199558	1789005	1512019	19.60	cps
Silver	109-1	1124595	1374345	1142018	1213653	11.49	cps
Sodium	23-2	20163106	19908728	19301508	19791114	2.24	cps
Strontium	86-1	910577	923441	943978	925998	1.82	cps
Strontium	88-1	7778013	7879942	8117326	7925094	2.20	cps
Sulfur	34-1	564221	564666	565581	564823	0.12	cps
Terbium	159-1	4263831	4133803	4277703	4225113	1.88	cps
Terbium	159-2	2002937	1904459	1960871	1956089	2.53	cps
Thallium	203-1	1484334	1527618	1547664	1519872	2.13	cps
Thallium	205-1	3687902	3616936	3789809	3698216	2.35	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01MSD	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDMSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:13:34	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1425563	1414687	1433852	1424701	0.67	cps
Titanium	47-1	1442782	1464503	1489727	1465671	1.60	cps
Uranium	238-1	4936893	4979283	5017408	4977861	0.81	cps
Vanadium	51-2	543669	535881	529907	536486	1.29	cps
Ytterbium	172-1	83	67	67	72	13.33	cps
Ytterbium	172-2	28	33	22	28	20.00	cps
Ytterbium	176-1	567	475	517	519	8.84	cps
Ytterbium	176-2	2628	2684	2728	2680	1.87	cps
Yttrium	89-1	5419062	5439653	5518286	5459000	0.96	cps
Yttrium	89-2	676376	654042	643220	657880	2.57	cps
Zinc	66-2	1239379	1225824	1211188	1225464	1.15	cps
Zirconium	90-1	3536163	3539869	3543575	3539869	0.10	cps
Zirconium	91-1	778512	784121	796337	786324	1.16	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01A	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDA	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:16:29	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	314405	312346	310517	312422	0.62	cps
Antimony	121-1	1742248	1767497	1716406	1742050	1.47	cps
Arsenic	75-2	58427	58164	57357	57983	0.96	cps
Barium	135-1	2175305	2147329	2131755	2151463	1.03	cps
Barium	137-1	3619692	3709748	3608653	3646031	1.52	cps
Beryllium	9-1	449334	452140	446315	449263	0.65	cps
Bismuth	209-1	2258986	2344142	2445906	2349678	3.98	cps
Bismuth	209-2	1210804	1214481	1182917	1202734	1.44	cps
Boron	10-1	42810	44283	45908	44334	3.50	cps
Boron	11-1	203143	213925	215785	210951	3.24	cps
Bromine	81-1	24136	25429	24517	24694	2.69	cps
Cadmium	111-1	430507	434280	422857	429215	1.36	cps
Cadmium	106-1	48268	46329	47106	47235	2.07	cps
Cadmium	108-1	32096	31465	31829	31797	1.00	cps
Calcium	43-1	962674	971131	949240	961015	1.15	cps
Calcium	44-1	15892354	15375857	15720574	15662928	1.68	cps
Carbon	12-1	8029720	8431644	8629249	8363538	3.65	cps
Carbon	12-2	97682	97254	99410	98115	1.16	cps
Chlorine	35-1	1407684	1453789	1497479	1452984	3.09	cps
Chlorine	35-2	12648	12464	12072	12394	2.37	cps
Chromium	52-2	700708	689566	684511	691595	1.20	cps
Cobalt	59-2	1110522	1106637	1089590	1102250	1.01	cps
Copper	63-1	23871485	25035075	24541905	24482822	2.39	cps
Dysprosium	156-1	117	42	83	81	46.64	cps
Dysprosium	156-2	67	63	37	56	29.59	cps
Erbium	164-1	67	50	42	53	24.12	cps
Erbium	164-2	13	33	30	26	41.94	cps
Gadolinium	160-1	142	100	117	119	17.56	cps
Gadolinium	160-2	80	53	67	67	20.00	cps
Holmium	165-1	3972572	4015060	4249207	4078946	3.65	cps
Holmium	165-2	1930469	1929124	1885876	1915156	1.32	cps
Indium	115-1	3522533	3632954	3748692	3634726	3.11	cps
Indium	115-2	588602	588704	581604	586303	0.69	cps
Iron	54-2	1285332	1263350	1262202	1270295	1.03	cps
Iron	56-2	24282815	23478801	23910081	23890566	1.68	cps
Iron	57-2	575634	565167	576001	572267	1.07	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01A	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDA	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:16:29	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	663	687	753	701	6.66	cps
Lead	206-1	6098294	6308276	6069083	6158551	2.12	cps
Lead	207-1	5389326	5412530	5328947	5376934	0.80	cps
Lead	208-1	24487193	24739547	24293467	24506735	0.91	cps
Lithium	6-1	1317610	1367889	1421799	1369099	3.81	cps
Magnesium	24-2	5632835	5459978	5581312	5558042	1.60	cps
Manganese	55-2	3533914	3437842	3462993	3478250	1.43	cps
Molybdenum	94-1	3840312	3872667	3866964	3859981	0.45	cps
Molybdenum	95-1	4605087	4641916	4619796	4622267	0.40	cps
Molybdenum	96-1	5236909	5168576	5137471	5180985	0.98	cps
Molybdenum	97-1	2871463	2888605	2896080	2885382	0.44	cps
Molybdenum	98-1	7474154	7270112	7344737	7363001	1.40	cps
Neodymium	150-1	120	113	153	129	16.63	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	307298	304173	304194	305222	0.59	cps
Phosphorus	31-2	675	817	717	736	9.89	cps
Potassium	39-2	2116790	2100612	2104600	2107334	0.40	cps
Rhodium	103-1	3368121	3319324	3565927	3417791	3.82	cps
Rhodium	103-2	1642603	1650694	1646876	1646724	0.25	cps
Scandium	45-1	2652588	2568801	2765666	2662352	3.71	cps
Scandium	45-2	100069	100585	99014	99889	0.80	cps
Selenium	77-1	26643	25700	25369	25904	2.55	cps
Selenium	77-2	1107	1193	1117	1139	4.16	cps
Selenium	78-2	3958	4088	3939	3995	2.03	cps
Selenium	82-1	32658	33338	32853	32950	1.06	cps
Silicon	28-1	12962826	13147586	13417848	13176087	1.74	cps
Silver	107-1	1780517	1639255	1707055	1708942	4.13	cps
Silver	109-1	1841851	1521749	1451007	1604869	12.98	cps
Sodium	23-2	19442718	18870269	19472282	19261756	1.76	cps
Strontium	86-1	904376	914280	902678	907111	0.69	cps
Strontium	88-1	7607354	7869243	7706440	7727679	1.71	cps
Sulfur	34-1	558206	551848	559505	556520	0.74	cps
Terbium	159-1	4265772	4258827	4485247	4336615	2.97	cps
Terbium	159-2	1887338	1890833	1851620	1876597	1.16	cps
Thallium	203-1	1497226	1489411	1497608	1494748	0.31	cps
Thallium	205-1	3579940	3642859	3573522	3598774	1.06	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-01A	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-REDA	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:16:29	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1393684	1465868	1429882	1429811	2.52	cps
Titanium	47-1	1432755	1456623	1411536	1433638	1.57	cps
Uranium	238-1	4874879	4884401	4828148	4862476	0.62	cps
Vanadium	51-2	523955	519030	516559	519848	0.72	cps
Ytterbium	172-1	42	8	50	33	66.15	cps
Ytterbium	172-2	22	22	11	19	34.64	cps
Ytterbium	176-1	408	575	350	444	26.27	cps
Ytterbium	176-2	2550	2806	2706	2687	4.79	cps
Yttrium	89-1	5355790	5605735	5728085	5563203	3.41	cps
Yttrium	89-2	651878	658330	643795	651335	1.12	cps
Zinc	66-2	1187442	1199451	1173909	1186934	1.08	cps
Zirconium	90-1	3435611	3609158	3518251	3521007	2.47	cps
Zirconium	91-1	762823	775820	767143	768595	0.86	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : CCV14 Instrumnet Name : P8
 Client Sample ID : CCV14 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 16:19:22 DataFile Name : 026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2064218	2018142	1977781	2020047	2.14	cps
Antimony	121-1	1791531	1877776	1894284	1854531	2.98	cps
Arsenic	75-2	61777	59860	60394	60677	1.63	cps
Barium	135-1	2435032	2509025	2589551	2511203	3.08	cps
Barium	137-1	4099592	4290131	4376882	4255535	3.33	cps
Beryllium	9-1	472206	480995	483575	478926	1.24	cps
Bismuth	209-1	2443096	2485371	2555086	2494518	2.27	cps
Bismuth	209-2	1347734	1306502	1354421	1336219	1.94	cps
Boron	10-1	103778	110524	117846	110716	6.35	cps
Boron	11-1	498614	536026	563643	532761	6.13	cps
Bromine	81-1	18812	18973	19544	19109	2.01	cps
Cadmium	111-1	449137	454624	461345	455035	1.34	cps
Cadmium	106-1	49682	49230	49916	49610	0.70	cps
Cadmium	108-1	33533	34155	35032	34240	2.20	cps
Calcium	43-1	3469666	3514415	3600379	3528153	1.88	cps
Calcium	44-1	55681706	56676722	58486822	56948417	2.50	cps
Carbon	12-1	5972985	6070140	6236673	6093266	2.19	cps
Carbon	12-2	69146	67706	69305	68719	1.28	cps
Chlorine	35-1	967674	952659	941260	953864	1.39	cps
Chlorine	35-2	7536	6635	7169	7113	6.37	cps
Chromium	52-2	689125	663112	673995	675411	1.93	cps
Cobalt	59-2	1204289	1155271	1168240	1175934	2.16	cps
Copper	63-1	23818750	24995434	25817059	24877081	4.04	cps
Dysprosium	156-1	492	542	475	503	6.90	cps
Dysprosium	156-2	207	177	230	204	13.08	cps
Erbium	164-1	142	125	142	136	7.07	cps
Erbium	164-2	67	67	57	63	9.12	cps
Gadolinium	160-1	383	392	358	378	4.59	cps
Gadolinium	160-2	240	203	307	250	20.95	cps
Holmium	165-1	4409754	4529821	4607888	4515821	2.21	cps
Holmium	165-2	2200507	2187600	2311703	2233270	3.06	cps
Indium	115-1	3835210	3922406	4011697	3923104	2.25	cps
Indium	115-2	666046	649866	667740	661218	1.49	cps
Iron	54-2	7495679	7352267	7468306	7438751	1.02	cps
Iron	56-2	138966731	133520934	136295231	136260965	2.00	cps
Iron	57-2	3521314	3374466	3400165	3431982	2.29	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:19:22	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	770	647	733	717	8.84	cps
Lead	206-1	6517503	6591126	6832942	6647190	2.48	cps
Lead	207-1	5681827	5838423	5904048	5808099	1.97	cps
Lead	208-1	25480737	26443075	27351965	26425259	3.54	cps
Lithium	6-1	1476198	1498234	1508208	1494213	1.10	cps
Magnesium	24-2	27647853	27262526	27410292	27440224	0.71	cps
Manganese	55-2	3620602	3578530	3617505	3605545	0.65	cps
Molybdenum	94-1	7988494	8083439	8237230	8103054	1.55	cps
Molybdenum	95-1	11613474	11864059	12002996	11826843	1.67	cps
Molybdenum	96-1	12968656	13163334	12956198	13029396	0.89	cps
Molybdenum	97-1	7134945	7293834	7399793	7276191	1.83	cps
Molybdenum	98-1	18317334	18733557	19548865	18866585	3.32	cps
Neodymium	150-1	247	227	273	249	9.41	cps
Neodymium	150-2	43	70	40	51	32.17	cps
Nickel	60-2	313349	305483	315156	311329	1.65	cps
Phosphorus	31-2	19539	18863	19789	19397	2.47	cps
Potassium	39-2	11428711	10802425	11060651	11097262	2.84	cps
Rhodium	103-1	3533869	3576710	3750264	3620281	3.17	cps
Rhodium	103-2	1860242	1773754	1824224	1819407	2.39	cps
Scandium	45-1	2926055	2980509	2956286	2954283	0.92	cps
Scandium	45-2	115023	110202	113830	113018	2.22	cps
Selenium	77-1	27335	27986	28016	27779	1.39	cps
Selenium	77-2	1287	1270	1250	1269	1.45	cps
Selenium	78-2	4339	4136	4408	4294	3.29	cps
Selenium	82-1	34336	34770	35120	34742	1.13	cps
Silicon	28-1	23994038	23870681	24722467	24195729	1.90	cps
Silver	107-1	2237995	2260316	2363678	2287330	2.93	cps
Silver	109-1	2123211	2254068	2232594	2203291	3.19	cps
Sodium	23-2	53433782	52795772	52891562	53040372	0.65	cps
Strontium	86-1	7266187	7391655	7465519	7374453	1.37	cps
Strontium	88-1	61885303	63188122	63159639	62744355	1.19	cps
Sulfur	34-1	501123	504279	501912	502438	0.33	cps
Terbium	159-1	4613570	4763762	4860081	4745804	2.62	cps
Terbium	159-2	2185177	2161384	2214244	2186935	1.21	cps
Thallium	203-1	1642915	1603141	1675544	1640534	2.21	cps
Thallium	205-1	3774827	3869147	3944194	3862723	2.20	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:19:22	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1669356	1710835	1745284	1708492	2.23	cps
Titanium	47-1	3627641	3757399	3755158	3713400	2.00	cps
Uranium	238-1	5036115	5139921	5145159	5107065	1.20	cps
Vanadium	51-2	572118	547679	558644	559480	2.19	cps
Ytterbium	172-1	108	75	42	75	44.44	cps
Ytterbium	172-2	39	28	44	37	22.91	cps
Ytterbium	176-1	7461	7394	8528	7794	8.17	cps
Ytterbium	176-2	5874	6335	6546	6252	5.50	cps
Yttrium	89-1	5977454	6141020	6185822	6101432	1.80	cps
Yttrium	89-2	748578	716088	746009	736892	2.45	cps
Zinc	66-2	985690	951034	970333	969019	1.79	cps
Zirconium	90-1	3925813	3953244	4091299	3990118	2.22	cps
Zirconium	91-1	873123	866934	904280	881446	2.27	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 16:27:39 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	99	105	119	107	9.52	cps
Antimony	121-1	267	292	333	297	11.33	cps
Arsenic	75-2	9	10	6	8	24.98	cps
Barium	135-1	92	75	75	81	11.95	cps
Barium	137-1	167	67	150	128	41.93	cps
Beryllium	9-1	136	144	140	140	2.86	cps
Bismuth	209-1	2448984	2464668	2533275	2482309	1.81	cps
Bismuth	209-2	1308787	1272213	1293339	1291447	1.42	cps
Boron	10-1	7935	7849	7863	7882	0.59	cps
Boron	11-1	37977	37212	37219	37469	1.17	cps
Bromine	81-1	18331	18461	18902	18565	1.61	cps
Cadmium	111-1	938	760	914	870	11.12	cps
Cadmium	106-1	1283	1075	1267	1208	9.58	cps
Cadmium	108-1	21	38	21	26	36.47	cps
Calcium	43-1	230	285	249	255	10.98	cps
Calcium	44-1	15792	15882	16182	15952	1.28	cps
Carbon	12-1	4712147	4760505	4733711	4735454	0.51	cps
Carbon	12-2	50822	52687	52495	52001	1.97	cps
Chlorine	35-1	503230	495085	496680	498332	0.87	cps
Chlorine	35-2	3851	3767	3909	3842	1.85	cps
Chromium	52-2	557	543	567	556	2.11	cps
Cobalt	59-2	87	117	77	93	22.30	cps
Copper	63-1	3166	2979	2989	3045	3.45	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	0	42	17	19	107.85	cps
Gadolinium	160-2	40	50	37	42	16.43	cps
Holmium	165-1	4095587	4278600	4192809	4188999	2.19	cps
Holmium	165-2	2019847	1951192	2020473	1997171	1.99	cps
Indium	115-1	3638457	3722521	3798265	3719747	2.15	cps
Indium	115-2	626917	618994	633160	626357	1.13	cps
Iron	54-2	589	567	478	544	10.80	cps
Iron	56-2	5145	4340	4968	4818	8.79	cps
Iron	57-2	317	322	294	311	4.73	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:27:39	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	673	640	640	651	2.96	cps
Lead	206-1	783	606	722	704	12.84	cps
Lead	207-1	539	550	639	576	9.52	cps
Lead	208-1	2928	2678	3034	2880	6.34	cps
Lithium	6-1	1415194	1397102	1404218	1405505	0.65	cps
Magnesium	24-2	583	783	733	700	14.87	cps
Manganese	55-2	140	153	170	154	9.73	cps
Molybdenum	94-1	358	358	383	367	3.94	cps
Molybdenum	95-1	283	350	292	308	11.78	cps
Molybdenum	96-1	475	425	483	461	6.84	cps
Molybdenum	97-1	175	167	117	153	20.65	cps
Molybdenum	98-1	692	392	508	531	28.50	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	163	127	127	139	15.24	cps
Phosphorus	31-2	192	142	117	150	25.46	cps
Potassium	39-2	19497	19121	19831	19483	1.82	cps
Rhodium	103-1	3625541	3582324	3532894	3580253	1.29	cps
Rhodium	103-2	1810483	1751900	1738799	1767061	2.16	cps
Scandium	45-1	2710608	2786536	2805286	2767477	1.81	cps
Scandium	45-2	103892	102848	103049	103263	0.54	cps
Selenium	77-1	50	170	200	140	56.70	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	62	63	54	60	8.27	cps
Selenium	82-1	11	69	20	33	94.58	cps
Silicon	28-1	598004	594586	600409	597666	0.49	cps
Silver	107-1	692	683	675	683	1.22	cps
Silver	109-1	625	592	508	575	10.45	cps
Sodium	23-2	18287	18287	17486	18020	2.57	cps
Strontium	86-1	1167	1192	1058	1139	6.22	cps
Strontium	88-1	875	683	733	764	13.02	cps
Sulfur	34-1	265755	267841	270930	268175	0.97	cps
Terbium	159-1	4304267	4399045	4348419	4350577	1.09	cps
Terbium	159-2	2006888	1953582	1960225	1973565	1.47	cps
Thallium	203-1	417	417	425	419	1.15	cps
Thallium	205-1	975	967	825	922	9.14	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:27:39	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	450	517	450	472	8.15	cps
Titanium	47-1	192	217	250	219	13.34	cps
Uranium	238-1	125	125	142	131	7.37	cps
Vanadium	51-2	7	17	13	12	41.65	cps
Ytterbium	172-1	0	33	25	19	89.21	cps
Ytterbium	172-2	0	6	6	4	86.60	cps
Ytterbium	176-1	350	383	375	369	4.69	cps
Ytterbium	176-2	2384	2606	2695	2561	6.26	cps
Yttrium	89-1	5712443	5622445	5766571	5700486	1.28	cps
Yttrium	89-2	680557	670004	682642	677734	1.00	cps
Zinc	66-2	170	150	157	159	6.41	cps
Zirconium	90-1	533	400	692	542	26.96	cps
Zirconium	91-1	142	150	142	144	3.33	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-03	Instrumnet Name :	P8
Client Sample ID :	YC-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:37:21	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	947	991	971	970	2.26	cps
Antimony	121-1	583	558	300	481	32.64	cps
Arsenic	75-2	24	25	21	23	8.92	cps
Barium	135-1	41188	39408	39258	39951	2.69	cps
Barium	137-1	69388	68860	66632	68293	2.14	cps
Beryllium	9-1	138	102	104	115	17.64	cps
Bismuth	209-1	2339601	2439652	2394657	2391303	2.10	cps
Bismuth	209-2	1288651	1292349	1264783	1281928	1.17	cps
Boron	10-1	7280	7232	7448	7320	1.55	cps
Boron	11-1	34493	34906	34974	34791	0.75	cps
Bromine	81-1	24256	25459	24968	24895	2.43	cps
Cadmium	111-1	867	845	687	800	12.26	cps
Cadmium	106-1	1142	1167	967	1092	9.98	cps
Cadmium	108-1	46	79	63	63	26.67	cps
Calcium	43-1	390744	393861	389668	391425	0.56	cps
Calcium	44-1	6552504	6609900	6383064	6515156	1.81	cps
Carbon	12-1	6829849	7396459	7950973	7392427	7.58	cps
Carbon	12-2	91015	92876	91904	91932	1.01	cps
Chlorine	35-1	638701	698351	747959	695004	7.87	cps
Chlorine	35-2	6877	6852	7094	6941	1.92	cps
Chromium	52-2	1200	1253	1393	1282	7.79	cps
Cobalt	59-2	270	210	310	263	19.12	cps
Copper	63-1	3553500	3569500	3599237	3574079	0.65	cps
Dysprosium	156-1	67	33	17	39	65.47	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	67	50	42	53	24.12	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	83	42	42	56	43.30	cps
Gadolinium	160-2	27	57	57	47	37.11	cps
Holmium	165-1	3934443	4185502	4033980	4051308	3.12	cps
Holmium	165-2	1968360	2099131	1991417	2019636	3.46	cps
Indium	115-1	3713264	3661755	3671161	3682060	0.74	cps
Indium	115-2	627755	632954	625314	628674	0.62	cps
Iron	54-2	2228	2561	2356	2382	7.06	cps
Iron	56-2	36798	36720	37901	37139	1.78	cps
Iron	57-2	1639	1845	1756	1746	5.90	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-03	Instrumnet Name :	P8
Client Sample ID :	YC-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:37:21	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	730	740	657	709	6.42	cps
Lead	206-1	4912	4740	4668	4773	2.63	cps
Lead	207-1	4045	4184	4379	4203	3.99	cps
Lead	208-1	19345	19100	19762	19402	1.72	cps
Lithium	6-1	1361327	1382746	1360929	1368334	0.91	cps
Magnesium	24-2	1100195	1104213	1036551	1080320	3.51	cps
Manganese	55-2	8873	8489	9130	8831	3.65	cps
Molybdenum	94-1	608	500	675	594	14.86	cps
Molybdenum	95-1	850	767	800	806	5.21	cps
Molybdenum	96-1	867	867	842	858	1.68	cps
Molybdenum	97-1	375	558	517	483	19.88	cps
Molybdenum	98-1	1217	1367	1417	1333	7.81	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	10901	10744	10531	10725	1.73	cps
Phosphorus	31-2	633	567	567	589	6.54	cps
Potassium	39-2	203307	206477	196981	202255	2.39	cps
Rhodium	103-1	3468710	3459895	3492535	3473713	0.49	cps
Rhodium	103-2	1720363	1786080	1763249	1756564	1.90	cps
Scandium	45-1	2799728	2736207	2737583	2757839	1.32	cps
Scandium	45-2	105622	105312	102905	104613	1.42	cps
Selenium	77-1	200	160	180	180	11.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	63	69	63	9.52	cps
Selenium	82-1	12	-79	-9	-25	-187.06	cps
Silicon	28-1	12536393	12229483	12510799	12425558	1.37	cps
Silver	107-1	383	375	283	347	15.98	cps
Silver	109-1	275	317	333	308	9.75	cps
Sodium	23-2	12231138	11993033	11679432	11967868	2.31	cps
Strontium	86-1	225426	230918	231869	229404	1.52	cps
Strontium	88-1	2006984	2053423	2006491	2022299	1.33	cps
Sulfur	34-1	607982	598756	605855	604198	0.80	cps
Terbium	159-1	4272626	4325917	4309054	4302532	0.63	cps
Terbium	159-2	1966005	2001649	2001017	1989557	1.03	cps
Thallium	203-1	242	250	325	272	16.86	cps
Thallium	205-1	850	542	558	650	26.68	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-03	Instrumnet Name :	P8
Client Sample ID :	YC-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:37:21	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	917	908	867	897	2.99	cps
Titanium	47-1	375	342	450	389	14.27	cps
Uranium	238-1	375	425	542	447	19.12	cps
Vanadium	51-2	307	323	330	320	3.76	cps
Ytterbium	172-1	50	58	33	47	26.96	cps
Ytterbium	172-2	28	22	6	19	62.43	cps
Ytterbium	176-1	367	367	458	397	13.32	cps
Ytterbium	176-2	2623	2917	2884	2808	5.74	cps
Yttrium	89-1	5723298	5725914	5752196	5733803	0.28	cps
Yttrium	89-2	679593	695439	686154	687062	1.16	cps
Zinc	66-2	120484	120092	121423	120666	0.57	cps
Zirconium	90-1	558	458	558	525	11.00	cps
Zirconium	91-1	75	67	42	61	28.38	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-04	Instrumnet Name :	P8
Client Sample ID :	PLAY-PALS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:40:20	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3086	2861	2974	2974	3.78	cps
Antimony	121-1	783	958	808	850	11.14	cps
Arsenic	75-2	26	22	31	26	17.12	cps
Barium	135-1	41322	41205	41631	41386	0.53	cps
Barium	137-1	72152	72495	71314	71987	0.84	cps
Beryllium	9-1	108	102	102	104	3.33	cps
Bismuth	209-1	2449272	2396991	2399492	2415252	1.22	cps
Bismuth	209-2	1277827	1293646	1297463	1289645	0.81	cps
Boron	10-1	6876	7030	7192	7033	2.25	cps
Boron	11-1	34117	34648	35215	34660	1.58	cps
Bromine	81-1	24557	25840	27074	25824	4.87	cps
Cadmium	111-1	1098	1036	1131	1088	4.42	cps
Cadmium	106-1	1400	1425	1500	1442	3.61	cps
Cadmium	108-1	33	58	46	46	27.27	cps
Calcium	43-1	379027	379488	379425	379313	0.07	cps
Calcium	44-1	6193473	6236429	6232297	6220733	0.38	cps
Carbon	12-1	7378417	7810502	8108924	7765948	4.73	cps
Carbon	12-2	92348	93044	94318	93236	1.07	cps
Chlorine	35-1	910368	957703	996063	954711	4.50	cps
Chlorine	35-2	9070	8870	9470	9136	3.35	cps
Chromium	52-2	22508	21510	21526	21848	2.62	cps
Cobalt	59-2	743	690	777	737	5.94	cps
Copper	63-1	3878474	4003918	3939578	3940657	1.59	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	27	3	7	12	103.26	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	13	10	23	16	44.60	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	63	47	30	47	35.71	cps
Holmium	165-1	4249388	4171357	4214044	4211596	0.93	cps
Holmium	165-2	2019488	1996376	2024221	2013361	0.74	cps
Indium	115-1	3745953	3668738	3742266	3718986	1.17	cps
Indium	115-2	637705	631337	632278	633773	0.54	cps
Iron	54-2	9220	8953	9298	9157	1.97	cps
Iron	56-2	147005	144922	145731	145886	0.72	cps
Iron	57-2	4351	4134	4806	4430	7.75	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-04	Instrumnet Name :	P8
Client Sample ID :	PLAY-PALS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:40:20	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	680	750	713	714	4.90	cps
Lead	206-1	18803	18825	18953	18860	0.43	cps
Lead	207-1	16611	15977	16622	16403	2.25	cps
Lead	208-1	74557	73181	74779	74172	1.17	cps
Lithium	6-1	1451805	1415841	1441071	1436239	1.29	cps
Magnesium	24-2	1126716	1114088	1114309	1118371	0.65	cps
Manganese	55-2	25439	25623	25616	25560	0.41	cps
Molybdenum	94-1	1200	1092	1067	1120	6.33	cps
Molybdenum	95-1	1567	1275	1358	1400	10.73	cps
Molybdenum	96-1	1450	1834	1759	1681	12.09	cps
Molybdenum	97-1	958	875	892	908	4.86	cps
Molybdenum	98-1	2484	2275	2492	2417	5.08	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	5248	5518	5591	5452	3.32	cps
Phosphorus	31-2	808	833	883	842	4.54	cps
Potassium	39-2	198086	200453	197799	198780	0.73	cps
Rhodium	103-1	3558259	3509343	3559235	3542279	0.81	cps
Rhodium	103-2	1747225	1800458	1753701	1767128	1.64	cps
Scandium	45-1	2809300	2820303	2795153	2808252	0.45	cps
Scandium	45-2	107696	106269	105050	106339	1.25	cps
Selenium	77-1	210	110	80	133	51.05	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	76	50	56	61	22.44	cps
Selenium	82-1	-1	-48	-16	-22	-112.01	cps
Silicon	28-1	12510010	12056785	12214195	12260330	1.88	cps
Silver	107-1	408	308	300	339	17.79	cps
Silver	109-1	300	267	233	267	12.50	cps
Sodium	23-2	11566870	11418028	11437821	11474240	0.70	cps
Strontium	86-1	226449	219438	224052	223313	1.60	cps
Strontium	88-1	1957694	1944696	1963038	1955143	0.48	cps
Sulfur	34-1	617772	609519	617913	615068	0.78	cps
Terbium	159-1	4339661	4422073	4319353	4360363	1.25	cps
Terbium	159-2	1951612	2032774	1962918	1982435	2.22	cps
Thallium	203-1	242	225	225	231	4.17	cps
Thallium	205-1	758	600	667	675	11.78	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-04	Instrumnet Name :	P8
Client Sample ID :	PLAY-PALS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:40:20	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	26159	26017	26510	26229	0.97	cps
Titanium	47-1	367	583	475	475	22.81	cps
Uranium	238-1	667	725	750	714	5.99	cps
Vanadium	51-2	463	493	540	499	7.74	cps
Ytterbium	172-1	67	33	33	44	43.31	cps
Ytterbium	172-2	11	0	6	6	99.97	cps
Ytterbium	176-1	408	442	467	439	6.67	cps
Ytterbium	176-2	2428	2700	2756	2628	6.68	cps
Yttrium	89-1	5659254	5795912	5767837	5741001	1.26	cps
Yttrium	89-2	685544	686639	691609	687931	0.47	cps
Zinc	66-2	174761	173536	175061	174453	0.46	cps
Zirconium	90-1	925	942	775	881	10.43	cps
Zirconium	91-1	125	183	200	169	23.24	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : N1151-05 Instrumnet Name : P8
 Client Sample ID : BATES-HALL-KITCHEN Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 16:43:22 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1011	1052	1004	1022	2.57	cps
Antimony	121-1	483	475	533	497	6.35	cps
Arsenic	75-2	33	25	13	24	42.53	cps
Barium	135-1	37477	35647	35455	36193	3.08	cps
Barium	137-1	60980	63417	61808	62068	2.00	cps
Beryllium	9-1	62	104	104	90	26.94	cps
Bismuth	209-1	2275462	2432600	2475710	2394591	4.40	cps
Bismuth	209-2	1282432	1318054	1292688	1297725	1.41	cps
Boron	10-1	6596	6496	6834	6642	2.61	cps
Boron	11-1	31686	32974	32954	32538	2.27	cps
Bromine	81-1	24306	25429	25680	25138	2.91	cps
Cadmium	111-1	947	1082	1033	1020	6.70	cps
Cadmium	106-1	1292	1450	1392	1378	5.81	cps
Cadmium	108-1	17	42	42	33	43.30	cps
Calcium	43-1	374194	378210	382667	378357	1.12	cps
Calcium	44-1	6111158	6221523	6151138	6161273	0.91	cps
Carbon	12-1	7355056	7997932	8141363	7831450	5.35	cps
Carbon	12-2	92650	94260	95166	94026	1.36	cps
Chlorine	35-1	1053739	1119337	1170412	1114496	5.25	cps
Chlorine	35-2	10179	10204	11096	10493	4.98	cps
Chromium	52-2	1580	1423	1417	1473	6.27	cps
Cobalt	59-2	517	613	600	577	9.08	cps
Copper	63-1	5958977	5993135	5999181	5983764	0.36	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	20	17	13	66.16	cps
Erbium	164-1	108	33	25	56	82.62	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	33	42	50	42	20.00	cps
Gadolinium	160-2	30	33	70	44	49.94	cps
Holmium	165-1	3993680	4209595	4132884	4112053	2.66	cps
Holmium	165-2	2107867	2038579	2045802	2064083	1.85	cps
Indium	115-1	3460701	3721498	3812423	3664874	4.98	cps
Indium	115-2	650123	638911	637423	642152	1.08	cps
Iron	54-2	2617	2767	2645	2676	2.98	cps
Iron	56-2	41600	41098	41037	41245	0.75	cps
Iron	57-2	1772	1922	1728	1808	5.64	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-05	Instrumnet Name :	P8
Client Sample ID :	BATES-HALL-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:43:22	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	713	697	627	679	6.77	cps
Lead	206-1	5979	6296	5835	6037	3.91	cps
Lead	207-1	4595	4745	5034	4792	4.66	cps
Lead	208-1	22697	22864	23598	23053	2.08	cps
Lithium	6-1	1380336	1464721	1437761	1427606	3.02	cps
Magnesium	24-2	1052107	1037671	1055753	1048510	0.91	cps
Manganese	55-2	7302	7265	7585	7384	2.37	cps
Molybdenum	94-1	525	542	592	553	6.28	cps
Molybdenum	95-1	867	775	783	808	6.27	cps
Molybdenum	96-1	800	1017	917	911	11.90	cps
Molybdenum	97-1	442	408	392	414	6.15	cps
Molybdenum	98-1	1225	992	1158	1125	10.68	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1863	1753	1843	1820	3.22	cps
Phosphorus	31-2	533	475	633	547	14.63	cps
Potassium	39-2	197832	195224	200868	197975	1.43	cps
Rhodium	103-1	3299367	3445056	3559663	3434695	3.80	cps
Rhodium	103-2	1868130	1818754	1826921	1837935	1.44	cps
Scandium	45-1	2649262	2811798	2797876	2752979	3.27	cps
Scandium	45-2	106256	107505	106398	106719	0.64	cps
Selenium	77-1	120	130	170	140	18.90	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	59	72	59	63	11.85	cps
Selenium	82-1	-14	11	45	14	210.28	cps
Silicon	28-1	12116661	12228105	12015283	12120017	0.88	cps
Silver	107-1	583	692	633	636	8.52	cps
Silver	109-1	575	575	633	594	5.66	cps
Sodium	23-2	10971252	10860902	11195401	11009185	1.55	cps
Strontium	86-1	216599	220110	218708	218472	0.81	cps
Strontium	88-1	1958710	1910918	1886598	1918742	1.91	cps
Sulfur	34-1	610164	612335	613517	612005	0.28	cps
Terbium	159-1	4224774	4216433	4400423	4280544	2.43	cps
Terbium	159-2	2063284	2009791	2021125	2031400	1.39	cps
Thallium	203-1	183	275	233	231	19.91	cps
Thallium	205-1	575	508	492	525	8.40	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-05	Instrumnet Name :	P8
Client Sample ID :	BATES-HALL-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:43:22	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1033	925	1075	1011	7.66	cps
Titanium	47-1	425	375	408	403	6.32	cps
Uranium	238-1	417	425	458	433	5.09	cps
Vanadium	51-2	307	263	293	288	7.71	cps
Ytterbium	172-1	50	33	42	42	20.00	cps
Ytterbium	172-2	28	0	39	22	90.14	cps
Ytterbium	176-1	375	467	500	447	14.47	cps
Ytterbium	176-2	2739	2889	2939	2856	3.65	cps
Yttrium	89-1	5453666	5784317	5793116	5677033	3.41	cps
Yttrium	89-2	710827	705600	690989	702472	1.46	cps
Zinc	66-2	43457	42450	43222	43043	1.22	cps
Zirconium	90-1	550	467	467	494	9.73	cps
Zirconium	91-1	50	92	133	92	45.46	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-06	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:46:21	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5225	5120	5044	5130	1.77	cps
Antimony	121-1	1375	1275	1108	1253	10.75	cps
Arsenic	75-2	36	26	20	27	29.57	cps
Barium	135-1	38564	38371	39132	38689	1.02	cps
Barium	137-1	66565	66673	67377	66872	0.66	cps
Beryllium	9-1	88	94	80	87	8.04	cps
Bismuth	209-1	2390434	2495495	2342089	2409340	3.26	cps
Bismuth	209-2	1332401	1334668	1328872	1331981	0.22	cps
Boron	10-1	6048	6156	6304	6169	2.08	cps
Boron	11-1	28903	29932	31267	30034	3.95	cps
Bromine	81-1	24487	24958	24286	24577	1.40	cps
Cadmium	111-1	1068	895	878	947	11.11	cps
Cadmium	106-1	1500	1175	1200	1292	14.00	cps
Cadmium	108-1	88	88	71	82	11.75	cps
Calcium	43-1	375355	374429	381743	377176	1.06	cps
Calcium	44-1	6229096	5960123	6159303	6116174	2.28	cps
Carbon	12-1	7060473	7558827	7862114	7493804	5.40	cps
Carbon	12-2	86789	88918	89623	88443	1.67	cps
Chlorine	35-1	1181421	1232891	1295453	1236588	4.62	cps
Chlorine	35-2	10846	11863	11188	11299	4.58	cps
Chromium	52-2	847	930	937	904	5.54	cps
Cobalt	59-2	373	370	310	351	10.15	cps
Copper	63-1	2042893	2043536	2056555	2047661	0.38	cps
Dysprosium	156-1	25	0	33	19	89.21	cps
Dysprosium	156-2	3	17	0	7	132.33	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	13	27	23	21	32.88	cps
Gadolinium	160-1	75	42	42	53	36.46	cps
Gadolinium	160-2	67	27	40	44	45.82	cps
Holmium	165-1	4133608	4257817	4077282	4156236	2.22	cps
Holmium	165-2	2071689	2119127	2068635	2086484	1.36	cps
Indium	115-1	3584234	3588242	3570311	3580929	0.26	cps
Indium	115-2	646185	654049	646955	649063	0.67	cps
Iron	54-2	2611	2850	2917	2793	5.75	cps
Iron	56-2	43444	44469	45038	44317	1.82	cps
Iron	57-2	1672	1967	2022	1887	9.97	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-06	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:46:21	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	737	747	657	713	6.92	cps
Lead	206-1	27964	28265	28209	28146	0.57	cps
Lead	207-1	22910	22921	23527	23119	1.53	cps
Lead	208-1	107849	109528	109292	108889	0.83	cps
Lithium	6-1	1390341	1418334	1404030	1404235	1.00	cps
Magnesium	24-2	1015187	1015207	1009719	1013371	0.31	cps
Manganese	55-2	7699	8069	8166	7978	3.09	cps
Molybdenum	94-1	650	575	625	617	6.19	cps
Molybdenum	95-1	750	683	658	697	6.80	cps
Molybdenum	96-1	917	917	800	878	7.67	cps
Molybdenum	97-1	442	558	408	469	16.78	cps
Molybdenum	98-1	1283	1283	1175	1247	5.01	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3827	3874	3801	3834	0.97	cps
Phosphorus	31-2	475	583	583	547	11.43	cps
Potassium	39-2	196575	192681	194091	194449	1.01	cps
Rhodium	103-1	3489865	3532175	3331424	3451155	3.07	cps
Rhodium	103-2	1809698	1796324	1787877	1797966	0.61	cps
Scandium	45-1	2750382	2659058	2646203	2685214	2.12	cps
Scandium	45-2	109013	107038	109651	108568	1.25	cps
Selenium	77-1	90	120	190	133	38.49	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	54	57	79	63	21.55	cps
Selenium	82-1	-23	-49	12	-20	-153.81	cps
Silicon	28-1	11845152	11789949	12111997	11915699	1.45	cps
Silver	107-1	258	342	250	283	17.89	cps
Silver	109-1	242	150	192	194	23.61	cps
Sodium	23-2	11540659	11425886	11553295	11506613	0.61	cps
Strontium	86-1	219609	220854	225107	221857	1.30	cps
Strontium	88-1	1935033	1944312	1979134	1952826	1.19	cps
Sulfur	34-1	593277	593488	601110	595959	0.75	cps
Terbium	159-1	4285826	4382925	4201311	4290021	2.12	cps
Terbium	159-2	2081173	2039772	2064368	2061771	1.01	cps
Thallium	203-1	183	242	167	197	19.97	cps
Thallium	205-1	483	583	592	553	10.91	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-06	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:46:21	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1275	1025	1167	1156	10.85	cps
Titanium	47-1	833	717	958	836	14.45	cps
Uranium	238-1	275	267	183	242	20.98	cps
Vanadium	51-2	307	210	193	237	25.86	cps
Ytterbium	172-1	25	33	42	33	25.01	cps
Ytterbium	172-2	6	17	11	11	49.99	cps
Ytterbium	176-1	375	558	400	444	22.37	cps
Ytterbium	176-2	2773	2673	2878	2774	3.71	cps
Yttrium	89-1	5760880	5699006	5651145	5703677	0.96	cps
Yttrium	89-2	711624	711287	707430	710114	0.33	cps
Zinc	66-2	291079	289694	291781	290851	0.37	cps
Zirconium	90-1	450	467	383	433	10.18	cps
Zirconium	91-1	100	92	58	83	26.45	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-07	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:49:23	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3563	3424	3462	3483	2.06	cps
Antimony	121-1	342	367	367	358	4.03	cps
Arsenic	75-2	24	24	28	25	9.12	cps
Barium	135-1	43211	45695	46263	45056	3.60	cps
Barium	137-1	76156	80809	78093	78353	2.98	cps
Beryllium	9-1	96	76	106	93	16.48	cps
Bismuth	209-1	2444030	2497860	2525322	2489071	1.66	cps
Bismuth	209-2	1288525	1345151	1299754	1311143	2.29	cps
Boron	10-1	5894	6120	6170	6061	2.43	cps
Boron	11-1	28534	29405	29401	29114	1.72	cps
Bromine	81-1	26433	27836	27285	27185	2.60	cps
Cadmium	111-1	945	1029	913	962	6.20	cps
Cadmium	106-1	1317	1417	1242	1325	6.63	cps
Cadmium	108-1	50	54	50	51	4.68	cps
Calcium	43-1	392256	390268	393716	392080	0.44	cps
Calcium	44-1	6514244	6528361	6471091	6504565	0.46	cps
Carbon	12-1	7386381	7999957	8311045	7899128	5.96	cps
Carbon	12-2	94117	95602	96348	95356	1.19	cps
Chlorine	35-1	1248522	1317284	1346770	1304192	3.87	cps
Chlorine	35-2	11722	11563	11914	11733	1.49	cps
Chromium	52-2	1970	1950	1843	1921	3.55	cps
Cobalt	59-2	200	170	167	179	10.26	cps
Copper	63-1	1881267	1870530	1927520	1893106	1.60	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	17	3	8	99.04	cps
Erbium	164-1	33	75	58	56	37.75	cps
Erbium	164-2	20	7	30	19	61.96	cps
Gadolinium	160-1	67	67	67	67	0.00	cps
Gadolinium	160-2	57	57	47	53	10.82	cps
Holmium	165-1	4241610	4263858	4266915	4257461	0.32	cps
Holmium	165-2	2058277	2086133	2010664	2051691	1.86	cps
Indium	115-1	3774846	3780381	3850012	3801746	1.10	cps
Indium	115-2	640453	650451	632888	641264	1.37	cps
Iron	54-2	6880	6980	7169	7009	2.09	cps
Iron	56-2	122388	119278	121593	121086	1.33	cps
Iron	57-2	3867	3684	3923	3825	3.27	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-07	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:49:23	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	663	717	690	690	3.86	cps
Lead	206-1	5034	4968	5062	5021	0.97	cps
Lead	207-1	4190	4468	4301	4319	3.24	cps
Lead	208-1	19400	19951	19890	19747	1.53	cps
Lithium	6-1	1489730	1504597	1487383	1493903	0.62	cps
Magnesium	24-2	1083176	1047922	1086538	1072545	1.99	cps
Manganese	55-2	6998	6985	6878	6954	0.95	cps
Molybdenum	94-1	708	750	675	711	5.28	cps
Molybdenum	95-1	792	808	850	817	3.68	cps
Molybdenum	96-1	883	942	1133	986	13.26	cps
Molybdenum	97-1	608	417	475	500	19.65	cps
Molybdenum	98-1	1367	1483	1458	1436	4.28	cps
Neodymium	150-1	20	7	27	18	57.27	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	1483	1627	1383	1498	8.17	cps
Phosphorus	31-2	967	1025	817	936	11.48	cps
Potassium	39-2	204659	203985	204305	204317	0.17	cps
Rhodium	103-1	3594836	3580869	3591995	3589233	0.21	cps
Rhodium	103-2	1809677	1810685	1744424	1788262	2.12	cps
Scandium	45-1	2820303	2825131	2848962	2831465	0.54	cps
Scandium	45-2	107095	108604	106961	107553	0.85	cps
Selenium	77-1	160	100	130	130	23.08	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	63	70	65	66	5.46	cps
Selenium	82-1	59	-8	22	24	138.00	cps
Silicon	28-1	13589167	13357083	13607782	13518011	1.03	cps
Silver	107-1	250	258	267	258	3.23	cps
Silver	109-1	200	283	267	250	17.64	cps
Sodium	23-2	11504973	11429975	11353622	11429523	0.66	cps
Strontium	86-1	241084	241002	243977	242021	0.70	cps
Strontium	88-1	2163460	2033937	2083730	2093709	3.12	cps
Sulfur	34-1	608606	599428	602034	603356	0.78	cps
Terbium	159-1	4450306	4516018	4559862	4508729	1.22	cps
Terbium	159-2	2001460	2059180	2031394	2030678	1.42	cps
Thallium	203-1	192	267	267	242	17.92	cps
Thallium	205-1	467	525	433	475	9.77	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-07	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:49:23	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	908	808	925	881	7.17	cps
Titanium	47-1	433	425	458	439	3.95	cps
Uranium	238-1	433	525	442	467	10.86	cps
Vanadium	51-2	273	217	277	256	13.19	cps
Ytterbium	172-1	8	17	50	25	88.19	cps
Ytterbium	172-2	33	6	33	24	66.60	cps
Ytterbium	176-1	408	433	500	447	10.60	cps
Ytterbium	176-2	2817	2945	2973	2911	2.85	cps
Yttrium	89-1	5864661	5820616	5825599	5836958	0.41	cps
Yttrium	89-2	699877	704440	694018	699445	0.75	cps
Zinc	66-2	95446	97355	94650	95817	1.45	cps
Zirconium	90-1	425	333	425	394	13.42	cps
Zirconium	91-1	92	108	167	122	32.22	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : N1151-08 Instrumnet Name : P8
 Client Sample ID : ROOM-201A-BATHROOI Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 16:52:23 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3526	3604	3452	3528	2.14	cps
Antimony	121-1	367	375	342	361	4.80	cps
Arsenic	75-2	34	19	20	24	34.47	cps
Barium	135-1	46573	46188	47593	46785	1.55	cps
Barium	137-1	79668	78613	82150	80144	2.27	cps
Beryllium	9-1	102	96	98	99	3.10	cps
Bismuth	209-1	2425271	2385009	2509743	2440008	2.61	cps
Bismuth	209-2	1306231	1189554	1331156	1275647	5.93	cps
Boron	10-1	5476	5800	5688	5655	2.91	cps
Boron	11-1	27089	27372	27226	27229	0.52	cps
Bromine	81-1	25169	25610	26131	25637	1.88	cps
Cadmium	111-1	973	813	884	890	8.96	cps
Cadmium	106-1	1325	1150	1225	1233	7.12	cps
Cadmium	108-1	25	42	46	38	29.40	cps
Calcium	43-1	377989	374400	377732	376707	0.53	cps
Calcium	44-1	6136303	6186747	6178722	6167257	0.44	cps
Carbon	12-1	7425759	7829349	8116481	7790530	4.45	cps
Carbon	12-2	92851	90922	93849	92541	1.61	cps
Chlorine	35-1	1340104	1382011	1440278	1387464	3.63	cps
Chlorine	35-2	12139	12856	12155	12383	3.31	cps
Chromium	52-2	2190	1970	2174	2111	5.80	cps
Cobalt	59-2	187	157	190	178	10.33	cps
Copper	63-1	1844632	1747035	1795251	1795639	2.72	cps
Dysprosium	156-1	42	17	0	19	107.85	cps
Dysprosium	156-2	20	20	10	17	34.64	cps
Erbium	164-1	75	25	50	50	50.00	cps
Erbium	164-2	13	17	37	22	56.80	cps
Gadolinium	160-1	50	33	33	39	24.75	cps
Gadolinium	160-2	50	53	53	52	3.68	cps
Holmium	165-1	4177995	4160269	4207098	4181788	0.57	cps
Holmium	165-2	2017598	1856286	2032830	1968905	4.97	cps
Indium	115-1	3791459	3766190	3698489	3752046	1.28	cps
Indium	115-2	639705	578922	647035	621887	6.01	cps
Iron	54-2	7374	7446	7280	7367	1.14	cps
Iron	56-2	123950	123592	124673	124072	0.44	cps
Iron	57-2	3967	4279	4145	4130	3.78	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : N1151-08 Instrumnet Name : P8
 Client Sample ID : ROOM-201A-BATHROOI Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 16:52:23 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	680	657	777	704	9.03	cps
Lead	206-1	3734	3673	3234	3547	7.69	cps
Lead	207-1	3017	3128	3006	3050	2.22	cps
Lead	208-1	13931	14214	13492	13879	2.62	cps
Lithium	6-1	1450772	1482166	1420577	1451172	2.12	cps
Magnesium	24-2	1015652	1031871	1026262	1024595	0.80	cps
Manganese	55-2	5221	5154	5251	5209	0.95	cps
Molybdenum	94-1	658	583	658	633	6.84	cps
Molybdenum	95-1	842	892	1075	936	13.12	cps
Molybdenum	96-1	958	958	942	953	1.01	cps
Molybdenum	97-1	542	433	450	475	12.28	cps
Molybdenum	98-1	1492	1500	1533	1508	1.46	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	977	1017	967	987	2.68	cps
Phosphorus	31-2	1108	892	925	975	11.97	cps
Potassium	39-2	198440	200080	199050	199190	0.42	cps
Rhodium	103-1	3672901	3518722	3562744	3584789	2.22	cps
Rhodium	103-2	1799232	1641456	1850528	1763739	6.18	cps
Scandium	45-1	2789637	2803756	2789820	2794405	0.29	cps
Scandium	45-2	105433	96794	107522	103250	5.51	cps
Selenium	77-1	240	160	220	207	20.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	56	64	62	9.12	cps
Selenium	82-1	57	47	-81	8	1021.60	cps
Silicon	28-1	13171583	13015612	13165452	13117549	0.67	cps
Silver	107-1	317	200	183	233	31.13	cps
Silver	109-1	317	258	175	250	28.48	cps
Sodium	23-2	11188602	11492598	11185368	11288856	1.56	cps
Strontium	86-1	232980	236753	233560	234431	0.87	cps
Strontium	88-1	2097682	2048922	2071573	2072726	1.18	cps
Sulfur	34-1	590297	589859	599559	593238	0.92	cps
Terbium	159-1	4435220	4368129	4468474	4423941	1.16	cps
Terbium	159-2	2018820	1812615	2071937	1967791	6.96	cps
Thallium	203-1	208	225	200	211	6.03	cps
Thallium	205-1	542	425	417	461	15.16	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-08	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-BATHROOI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:52:23	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	875	1150	958	995	14.18	cps
Titanium	47-1	567	500	400	489	17.16	cps
Uranium	238-1	533	292	400	408	29.64	cps
Vanadium	51-2	263	283	240	262	8.27	cps
Ytterbium	172-1	33	33	33	33	0.00	cps
Ytterbium	172-2	33	6	22	20	68.62	cps
Ytterbium	176-1	467	483	467	472	2.04	cps
Ytterbium	176-2	2661	2517	2928	2702	7.72	cps
Yttrium	89-1	5898443	5665438	5866815	5810232	2.18	cps
Yttrium	89-2	692968	636506	700918	676798	5.19	cps
Zinc	66-2	3450	3364	3367	3394	1.45	cps
Zirconium	90-1	367	492	442	433	14.52	cps
Zirconium	91-1	75	92	150	106	37.31	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-09	Instrumnet Name :	P8
Client Sample ID :	FB-1-14-2022	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:55:24	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	156	134	157	149	8.96	cps
Antimony	121-1	83	25	250	119	97.76	cps
Arsenic	75-2	7	6	5	6	16.67	cps
Barium	135-1	117	75	475	222	98.97	cps
Barium	137-1	208	117	925	417	106.24	cps
Beryllium	9-1	90	72	188	117	53.51	cps
Bismuth	209-1	2373439	2415577	2429849	2406288	1.22	cps
Bismuth	209-2	1285960	1301680	1301639	1296426	0.70	cps
Boron	10-1	3042	2880	3058	2993	3.29	cps
Boron	11-1	14332	13778	13792	13967	2.26	cps
Bromine	81-1	19704	18972	18982	19220	2.18	cps
Cadmium	111-1	1075	855	968	966	11.39	cps
Cadmium	106-1	1517	1200	1225	1314	13.40	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Calcium	43-1	315	350	4684	1783	140.91	cps
Calcium	44-1	18157	18077	100203	45479	104.21	cps
Carbon	12-1	7223890	7933459	8158177	7771842	6.27	cps
Carbon	12-2	93195	93212	91475	92627	1.08	cps
Chlorine	35-1	1017515	976398	962784	985566	2.89	cps
Chlorine	35-2	7377	7227	7419	7341	1.37	cps
Chromium	52-2	927	893	863	894	3.54	cps
Cobalt	59-2	57	43	43	48	16.12	cps
Copper	63-1	2646	2783	35840	13756	139.03	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	42	58	50	16.67	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	33	58	25	39	44.62	cps
Gadolinium	160-2	20	33	33	29	26.64	cps
Holmium	165-1	4157393	4048758	4241194	4149115	2.33	cps
Holmium	165-2	1978800	2032144	1990454	2000466	1.40	cps
Indium	115-1	3747114	3806547	3836197	3796619	1.19	cps
Indium	115-2	628720	627519	627684	627974	0.10	cps
Iron	54-2	683	633	744	687	8.10	cps
Iron	56-2	6596	6568	6463	6542	1.08	cps
Iron	57-2	356	289	283	309	13.00	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-09	Instrumnet Name :	P8
Client Sample ID :	FB-1-14-2022	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:55:24	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	720	637	670	676	6.21	cps
Lead	206-1	644	717	1373	911	44.02	cps
Lead	207-1	522	489	1167	726	52.64	cps
Lead	208-1	2422	2517	5279	3406	47.65	cps
Lithium	6-1	1461357	1445545	1476657	1461186	1.06	cps
Magnesium	24-2	700	717	592	669	10.14	cps
Manganese	55-2	530	527	497	518	3.55	cps
Molybdenum	94-1	150	225	1476	617	120.72	cps
Molybdenum	95-1	108	125	1468	567	137.57	cps
Molybdenum	96-1	225	92	2069	795	138.97	cps
Molybdenum	97-1	75	67	1209	450	145.96	cps
Molybdenum	98-1	175	158	2469	934	142.31	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	130	163	143	12.31	cps
Phosphorus	31-2	133	142	150	142	5.88	cps
Potassium	39-2	18688	18921	19021	18877	0.91	cps
Rhodium	103-1	3675040	3529180	3596325	3600182	2.03	cps
Rhodium	103-2	1778851	1744620	1804979	1776150	1.70	cps
Scandium	45-1	2774536	2693444	2848639	2772206	2.80	cps
Scandium	45-2	104490	104547	104204	104413	0.18	cps
Selenium	77-1	160	130	160	150	11.55	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	65	74	66	68	7.22	cps
Selenium	82-1	-44	37	42	12	417.23	cps
Silicon	28-1	593250	594753	625136	604380	2.98	cps
Silver	107-1	267	258	300	275	8.02	cps
Silver	109-1	250	275	208	244	13.78	cps
Sodium	23-2	19180	18762	17477	18473	4.80	cps
Strontium	86-1	1375	1125	3196	1899	59.53	cps
Strontium	88-1	617	825	17467	6303	153.40	cps
Sulfur	34-1	270636	265970	270665	269090	1.00	cps
Terbium	159-1	4349689	4197267	4278174	4275043	1.78	cps
Terbium	159-2	1965287	1979979	1948947	1964738	0.79	cps
Thallium	203-1	200	200	333	244	31.49	cps
Thallium	205-1	492	392	867	583	42.93	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	N1151-09	Instrumnet Name :	P8
Client Sample ID :	FB-1-14-2022	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 16:55:24	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	492	625	808	642	24.78	cps
Titanium	47-1	258	242	1092	531	91.63	cps
Uranium	238-1	67	50	492	203	123.46	cps
Vanadium	51-2	10	17	10	12	31.50	cps
Ytterbium	172-1	8	33	8	17	86.62	cps
Ytterbium	172-2	11	0	0	4	173.21	cps
Ytterbium	176-1	350	392	442	394	11.64	cps
Ytterbium	176-2	2739	2678	2778	2732	1.85	cps
Yttrium	89-1	5819941	5679368	5835352	5778221	1.49	cps
Yttrium	89-2	673374	679634	678657	677221	0.50	cps
Zinc	66-2	253	220	270	248	10.28	cps
Zirconium	90-1	367	375	1342	695	80.73	cps
Zirconium	91-1	83	67	158	103	47.51	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : CCV15 Instrumnet Name : P8
 Client Sample ID : CCV15 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 17:03:56 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2007409	2067203	1981050	2018554	2.19	cps
Antimony	121-1	1825105	1805691	1793625	1808140	0.88	cps
Arsenic	75-2	59716	58840	58905	59154	0.83	cps
Barium	135-1	2421914	2510685	2511709	2481436	2.08	cps
Barium	137-1	4116280	4260322	4232472	4203025	1.82	cps
Beryllium	9-1	473943	476657	477168	475922	0.36	cps
Bismuth	209-1	2523750	2510354	2497860	2510655	0.52	cps
Bismuth	209-2	1290813	1332715	1331534	1318354	1.81	cps
Boron	10-1	97357	106027	109323	104236	5.93	cps
Boron	11-1	453189	499279	509389	487285	6.15	cps
Bromine	81-1	18662	17720	17880	18087	2.79	cps
Cadmium	111-1	443939	439147	448176	443754	1.02	cps
Cadmium	106-1	48620	49732	50887	49746	2.28	cps
Cadmium	108-1	33244	33620	33620	33495	0.65	cps
Calcium	43-1	3464498	3555323	3520504	3513442	1.30	cps
Calcium	44-1	56558515	57066228	56510610	56711784	0.54	cps
Carbon	12-1	5213357	5535726	5647817	5465633	4.13	cps
Carbon	12-2	64392	64174	64693	64419	0.40	cps
Chlorine	35-1	490742	493368	492380	492163	0.27	cps
Chlorine	35-2	3759	3976	3559	3764	5.54	cps
Chromium	52-2	669604	661836	654681	662040	1.13	cps
Cobalt	59-2	1144306	1151962	1141791	1146019	0.46	cps
Copper	63-1	24266716	25041823	24161023	24489854	1.96	cps
Dysprosium	156-1	342	508	508	453	21.25	cps
Dysprosium	156-2	210	173	200	194	9.75	cps
Erbium	164-1	142	100	125	122	17.16	cps
Erbium	164-2	37	93	67	66	43.24	cps
Gadolinium	160-1	458	375	433	422	10.13	cps
Gadolinium	160-2	250	240	227	239	4.90	cps
Holmium	165-1	4632885	4578224	4435385	4548831	2.24	cps
Holmium	165-2	2187281	2179594	2151274	2172716	0.87	cps
Indium	115-1	3742598	3870525	3842809	3818644	1.76	cps
Indium	115-2	644829	648993	649387	647736	0.39	cps
Iron	54-2	7417546	7294575	7150379	7287500	1.83	cps
Iron	56-2	136594698	134931431	133203542	134909890	1.26	cps
Iron	57-2	3474320	3417005	3346718	3412681	1.87	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 17:03:56	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	670	737	677	694	5.29	cps
Lead	206-1	6502241	6632240	6610183	6581555	1.06	cps
Lead	207-1	5793979	5808597	5767159	5789912	0.36	cps
Lead	208-1	26147453	26494382	26153370	26265068	0.76	cps
Lithium	6-1	1537568	1534770	1538142	1536826	0.12	cps
Magnesium	24-2	27416054	27346895	27065584	27276178	0.68	cps
Manganese	55-2	3545368	3532081	3487829	3521759	0.86	cps
Molybdenum	94-1	7981150	7941929	7924183	7949087	0.37	cps
Molybdenum	95-1	11476179	11532872	11549483	11519511	0.33	cps
Molybdenum	96-1	12691518	12812858	12469089	12657821	1.38	cps
Molybdenum	97-1	7008580	7033693	6806619	6949631	1.79	cps
Molybdenum	98-1	18535996	18044986	18102262	18227748	1.47	cps
Neodymium	150-1	207	273	180	220	21.85	cps
Neodymium	150-2	60	43	43	49	19.69	cps
Nickel	60-2	303543	299683	300752	301326	0.66	cps
Phosphorus	31-2	19038	19923	20131	19697	2.95	cps
Potassium	39-2	11056465	11056820	11033788	11049024	0.12	cps
Rhodium	103-1	3697924	3583094	3685875	3655631	1.73	cps
Rhodium	103-2	1748119	1751525	1806647	1768764	1.86	cps
Scandium	45-1	2950770	2950742	2946952	2949488	0.07	cps
Scandium	45-2	112983	111885	109748	111539	1.48	cps
Selenium	77-1	27174	27054	27676	27301	1.21	cps
Selenium	77-2	1207	1167	1120	1165	3.73	cps
Selenium	78-2	4200	4303	4127	4210	2.10	cps
Selenium	82-1	34280	34217	34385	34294	0.25	cps
Silicon	28-1	23618804	23865108	24169981	23884631	1.16	cps
Silver	107-1	2196161	2246188	2239402	2227250	1.22	cps
Silver	109-1	2121713	2118853	2180227	2140264	1.62	cps
Sodium	23-2	53154345	53153987	52705753	53004695	0.49	cps
Strontium	86-1	7053215	7391507	7266024	7236915	2.36	cps
Strontium	88-1	61925172	61434364	62383408	61914315	0.77	cps
Sulfur	34-1	515909	511231	514285	513808	0.46	cps
Terbium	159-1	4826899	4541041	4798685	4722208	3.34	cps
Terbium	159-2	2110556	2157202	2145729	2137829	1.14	cps
Thallium	203-1	1547235	1657298	1572368	1592300	3.62	cps
Thallium	205-1	3732907	3783429	3789848	3768728	0.83	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 17:03:56	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1652046	1641205	1687496	1660249	1.46	cps
Titanium	47-1	3628177	3676792	3676709	3660560	0.77	cps
Uranium	238-1	5190074	5129688	5240116	5186626	1.07	cps
Vanadium	51-2	552311	548011	543697	548007	0.79	cps
Ytterbium	172-1	75	50	83	69	24.98	cps
Ytterbium	172-2	56	44	33	44	25.01	cps
Ytterbium	176-1	7369	7402	7411	7394	0.30	cps
Ytterbium	176-2	6229	6107	6152	6163	1.00	cps
Yttrium	89-1	6181134	6143733	6171973	6165614	0.32	cps
Yttrium	89-2	719569	721487	715806	718954	0.40	cps
Zinc	66-2	955499	944456	942295	947417	0.75	cps
Zirconium	90-1	3878807	3952737	3974973	3935506	1.28	cps
Zirconium	91-1	863178	872159	869292	868209	0.53	cps

LB Number : LB118364 Operator : Jaswal
 Lab Sample ID : CCB15 Instrumnet Name : P8
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-24 17:19:59 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96	145	86	109	28.80	cps
Antimony	121-1	183	58	83	108	61.06	cps
Arsenic	75-2	5	9	7	7	28.57	cps
Barium	135-1	133	50	42	75	67.59	cps
Barium	137-1	300	17	25	114	141.57	cps
Beryllium	9-1	100	82	80	87	12.62	cps
Bismuth	209-1	2608131	2532023	2606489	2582214	1.68	cps
Bismuth	209-2	1321769	1312308	1319311	1317796	0.37	cps
Boron	10-1	3868	3640	3502	3670	5.04	cps
Boron	11-1	17625	16894	16916	17145	2.42	cps
Bromine	81-1	18401	18712	18973	18695	1.53	cps
Cadmium	111-1	928	794	857	860	7.79	cps
Cadmium	106-1	1267	1150	1225	1214	4.87	cps
Cadmium	108-1	54	33	25	38	40.07	cps
Calcium	43-1	412	220	195	276	43.15	cps
Calcium	44-1	17432	14455	14512	15466	11.01	cps
Carbon	12-1	4430270	4478360	4398627	4435752	0.91	cps
Carbon	12-2	46766	47109	46951	46942	0.37	cps
Chlorine	35-1	276414	274772	276912	276033	0.41	cps
Chlorine	35-2	2217	2200	1975	2131	6.34	cps
Chromium	52-2	540	653	557	583	10.49	cps
Cobalt	59-2	60	53	40	51	19.92	cps
Copper	63-1	3456	2152	2112	2574	29.71	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	27	30	27	28	6.92	cps
Holmium	165-1	4522731	4270713	4206520	4333321	3.86	cps
Holmium	165-2	2026545	2034954	2009192	2023564	0.65	cps
Indium	115-1	3931008	3868441	3889590	3896346	0.82	cps
Indium	115-2	651434	646139	638750	645441	0.99	cps
Iron	54-2	544	533	494	524	5.01	cps
Iron	56-2	3334	4736	3089	3720	23.89	cps
Iron	57-2	250	278	222	250	11.11	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 17:19:59	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	760	770	736	6.97	cps
Lead	206-1	961	500	583	682	36.06	cps
Lead	207-1	778	500	444	574	31.11	cps
Lead	208-1	3217	2145	2117	2493	25.17	cps
Lithium	6-1	1518871	1493633	1508028	1506844	0.84	cps
Magnesium	24-2	492	1059	508	686	47.02	cps
Manganese	55-2	57	80	77	71	17.74	cps
Molybdenum	94-1	542	217	117	292	76.19	cps
Molybdenum	95-1	433	58	92	194	106.75	cps
Molybdenum	96-1	759	150	192	367	92.69	cps
Molybdenum	97-1	233	25	33	97	121.32	cps
Molybdenum	98-1	975	100	117	397	125.99	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	123	123	114	13.45	cps
Phosphorus	31-2	133	133	100	122	15.75	cps
Potassium	39-2	19772	20440	19030	19747	3.57	cps
Rhodium	103-1	3671206	3670881	3748587	3696891	1.21	cps
Rhodium	103-2	1857801	1821115	1867640	1848852	1.33	cps
Scandium	45-1	2851348	2857986	2889663	2866332	0.71	cps
Scandium	45-2	106951	104993	105198	105714	1.02	cps
Selenium	77-1	120	140	200	153	27.15	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	54	74	54	61	19.03	cps
Selenium	82-1	7	-86	-81	-53	-98.68	cps
Silicon	28-1	566477	559272	564393	563381	0.66	cps
Silver	107-1	317	258	200	258	22.58	cps
Silver	109-1	167	142	175	161	10.77	cps
Sodium	23-2	16376	18054	15617	16683	7.48	cps
Strontium	86-1	1559	1125	1208	1297	17.73	cps
Strontium	88-1	2518	275	292	1028	125.47	cps
Sulfur	34-1	280027	277029	280544	279200	0.68	cps
Terbium	159-1	4501058	4539844	4553552	4531485	0.60	cps
Terbium	159-2	2017422	2018379	1983661	2006487	0.99	cps
Thallium	203-1	267	242	250	253	5.04	cps
Thallium	205-1	883	542	583	670	27.85	cps

LB Number :	LB118364	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2022-01-24 17:19:59	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	600	450	517	522	14.39	cps
Titanium	47-1	375	92	117	194	80.67	cps
Uranium	238-1	208	17	42	89	117.22	cps
Vanadium	51-2	10	23	7	13	66.12	cps
Ytterbium	172-1	8	8	33	17	86.62	cps
Ytterbium	172-2	0	17	0	6	173.21	cps
Ytterbium	176-1	392	283	350	342	15.99	cps
Ytterbium	176-2	2661	2878	2811	2784	3.99	cps
Yttrium	89-1	5989888	5814053	5922357	5908766	1.50	cps
Yttrium	89-2	701344	698826	694524	698231	0.49	cps
Zinc	66-2	150	130	127	136	9.31	cps
Zirconium	90-1	442	508	450	467	7.78	cps
Zirconium	91-1	117	58	125	100	36.33	cps