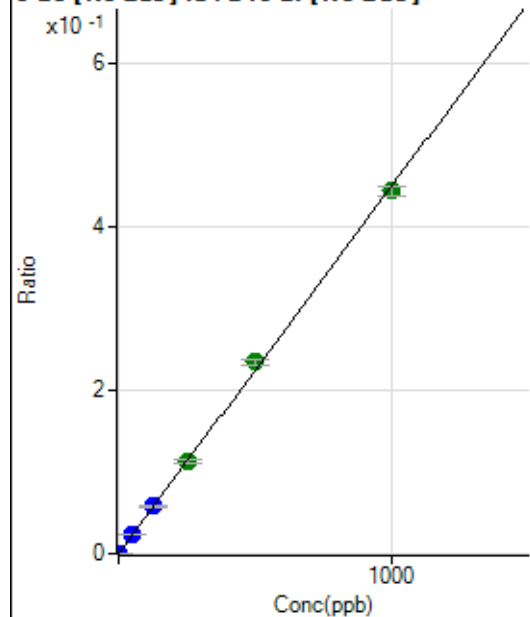


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8082622-MS1.b\
Analysis File: P8082622-MS1.batch.bin
DA Date-Time: 2022-08-29 10:29:15
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-08-26 16:56:35
2	005CALS.d	S02	2022-08-26 16:59:45
3	006CALS.d	S03	2022-08-26 17:02:56
4	007CALS.d	S04	2022-08-26 17:06:03
5	008CALS.d	S05	2022-08-26 17:09:12
6	009CALS.d	S06	2022-08-26 17:12:19
7	010CALS.d	S07	2022-08-26 17:15:27
8	011CALS.d	S08	2022-08-26 17:18:34

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.75	0.0000	P	28.4
2	☐	1.000	1.099	4671.84	0.0005	P	5.6
3	☐	50.000	51.069	224774.14	0.0230	P	2.2
4	☐	125.000	128.444	548854.82	0.0577	P	0.5
5	☐	250.000	251.620	1087695.20	0.1131	A	5.2
6	☐	500.000	522.716	2101184.00	0.2349	A	2.9
7	☐	1000.000	987.753	3972993.43	0.4439	A	2.6
8	☐			743.26	0.0001	P	24.2

$$y = 4.4944\text{E-}004 * x + 4.0435\text{E-}006$$

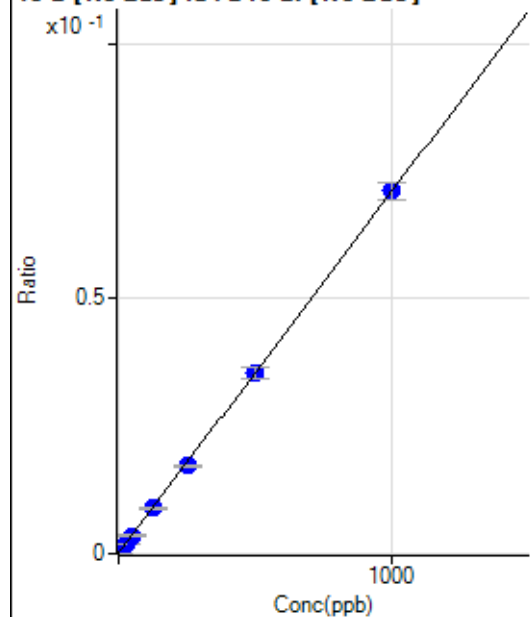
$$R = 0.9996$$

$$DL = 0.007678$$

$$BEC = 0.008997$$

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	1041.17	0.0001	P	5.2
2	☐	25.000	23.135	16415.32	0.0017	P	2.8
3	☐	50.000	48.071	34416.51	0.0035	P	4.1
4	☐	125.000	124.027	84542.87	0.0089	P	5.4
5	☐	250.000	240.923	165400.66	0.0172	P	1.9
6	☐	500.000	498.720	316917.28	0.0354	P	5.6
7	☐	1000.000	1003.174	636808.78	0.0712	P	5.0
8	☐			59383.34	0.0073	P	8.9

$$y = 7.0858\text{E-}005 * x + 1.0773\text{E-}004$$

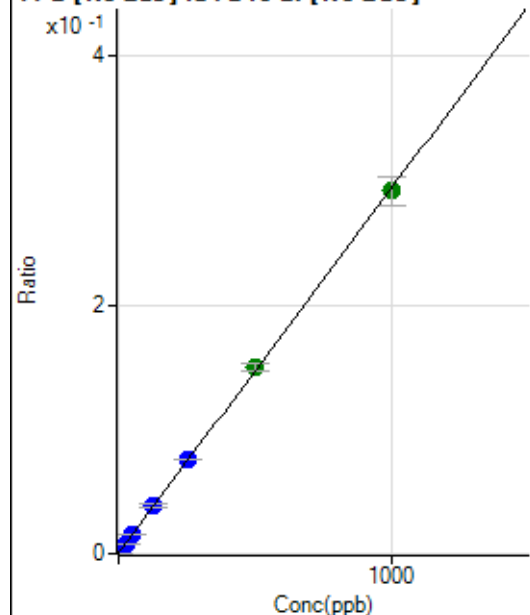
$$R = 1.0000$$

$$DL = 0.2372$$

$$BEC = 1.52$$

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	4709.84	0.0005	P	4.6
2	☐	25.000	24.806	72985.75	0.0078	P	3.2
3	☐	50.000	51.382	152406.39	0.0156	P	3.5
4	☐	125.000	131.355	370810.28	0.0390	P	6.3
5	☐	250.000	257.232	731734.58	0.0760	P	0.2
6	☐	500.000	508.865	1338666.36	0.1498	A	3.9
7	☐	1000.000	992.901	2608706.25	0.2918	A	7.9
8	☐			260492.94	0.0322	P	6.9

$$y = 2.9337E-004 * x + 4.8775E-004$$

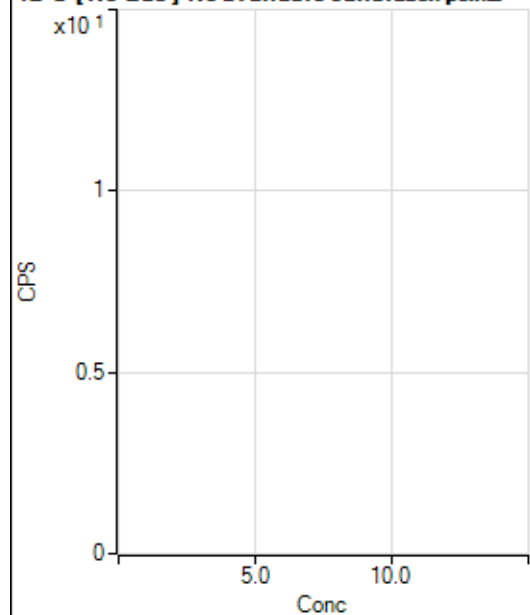
$$R = 0.9999$$

$$DL = 0.2298$$

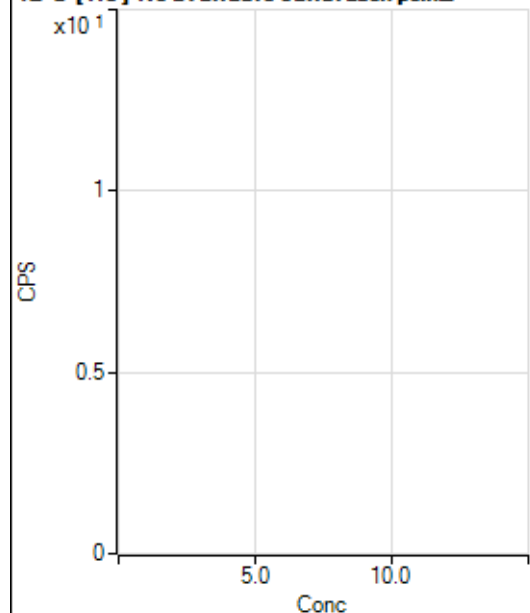
$$BEC = 1.663$$

Weight: <None>

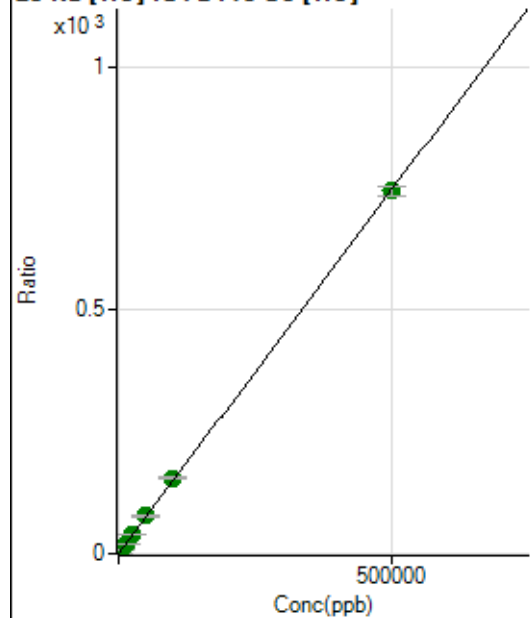
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6356816.77		A	0.7
2	☐			5782479.77		A	1.4
3	☐			6075099.57		A	0.9
4	☐			6070633.82		A	1.3
5	☐			6047033.60		A	2.2
6	☐			6483028.23		A	0.5
7	☐			7255795.56		A	2.3
8	☐			8175145.41		A	4.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			48455.53		P	1.3
2	☐			44710.48		P	1.9
3	☐			48084.85		P	1.9
4	☐			48310.89		P	0.7
5	☐			48695.25		P	1.3
6	☐			52725.62		P	0.8
7	☐			59364.76		P	0.8
8	☐			74888.57		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15013.59	0.0781	P	6.8
2	☐	500.000	486.275	162680.40	0.8035	P	3.8
3	☐	5000.000	5447.804	1649012.03	8.2050	A	1.8
4	☐	12500.000	13147.456	3976450.83	19.6911	A	1.1
5	☐	25000.000	26210.397	7748224.48	39.1780	A	4.6
6	☐	50000.000	52247.645	15075758.32	78.0195	A	3.5
7	☐	100000.00	104201.86	32040982.31	155.5231	A	0.8
8	☐	500000.00	498853.69	148025404.7	744.2519	A	2.6

$$y = 0.0015 * x + 0.0781$$

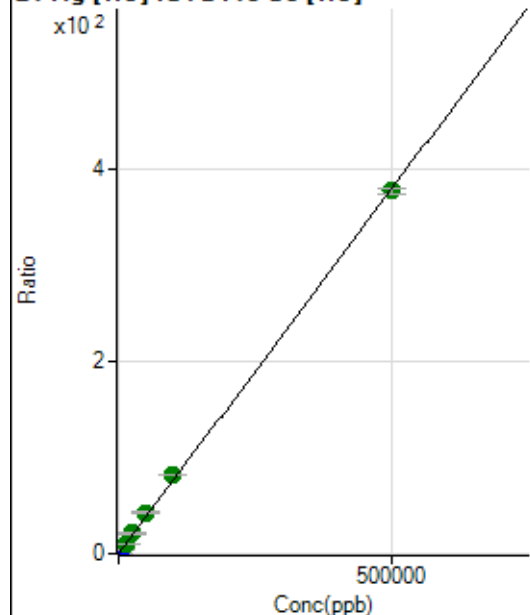
$$R = 1.0000$$

$$DL = 10.67$$

$$BEC = 52.38$$

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	100.00	0.0005	P	30.4
2	☐	500.000	543.326	83408.85	0.4120	P	3.8
3	☐	5000.000	5618.350	855183.60	4.2550	P	0.6
4	☐	12500.000	14087.505	2154606.99	10.6682	A	0.4
5	☐	25000.000	28016.742	4196452.83	21.2161	A	3.7
6	☐	50000.000	55984.290	8191327.18	42.3943	A	3.1
7	☐	100000.00	108032.22	16853567.56	81.8074	A	0.5
8	☐	500000.00	497598.37	74947921.12	376.8044	A	1.3

$$y = 7.5724\text{E-}004 * x + 5.2440\text{E-}004$$

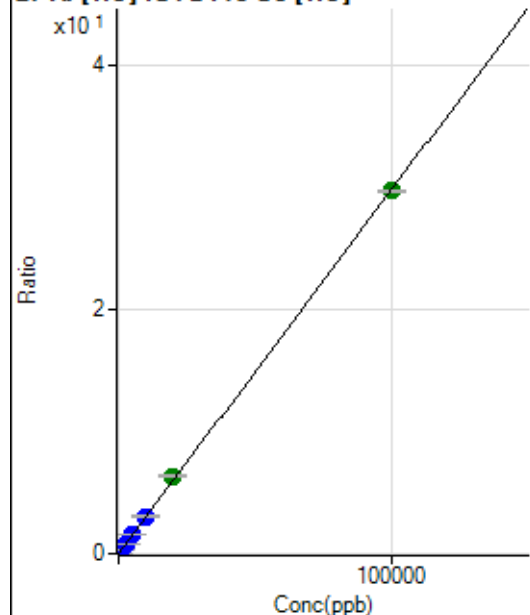
$$R = 0.9998$$

$$DL = 0.6321$$

$$BEC = 0.6925$$

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	109.15	0.0006	P	26.9
2	☐	20.000	19.279	1278.65	0.0063	P	4.5
3	☐	1000.000	1039.668	62364.13	0.3103	P	1.7
4	☐	2500.000	2571.591	154782.54	0.7667	P	2.5
5	☐	5000.000	5200.084	306499.02	1.5497	P	4.1
6	☐	10000.000	10275.350	591548.01	3.0617	P	3.8
7	☐	20000.000	21357.331	1310869.31	6.3631	A	1.0
8	☐	100000.00	99688.808	5907325.24	29.6988	A	0.8

$$y = 2.9791\text{E-}004 * x + 5.7265\text{E-}004$$

$$R = 0.9999$$

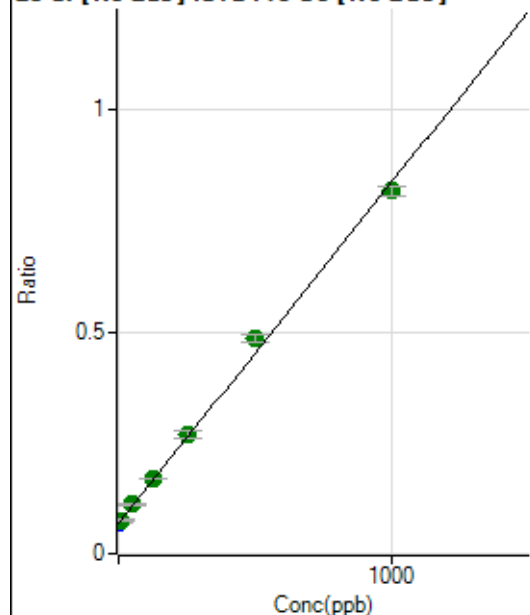
$$DL = 1.553$$

$$BEC = 1.922$$

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	838516.24	0.0681	P	1.2
2	☐	10.000	8.305	929736.66	0.0745	A	3.5
3	☐	50.000	56.646	1401838.96	0.1117	A	2.7
4	☐	125.000	133.235	2148349.55	0.1706	A	0.6
5	☐	250.000	261.058	3341251.31	0.2688	A	5.9
6	☐	500.000	542.240	5714409.15	0.4850	A	3.2
7	☐	1000.000	974.770	9988117.24	0.8174	A	2.4
8	☐			4637155.40	0.4027	A	3.1

$$y = 7.6868\text{E-}004 * x + 0.0681$$

R = 0.9985

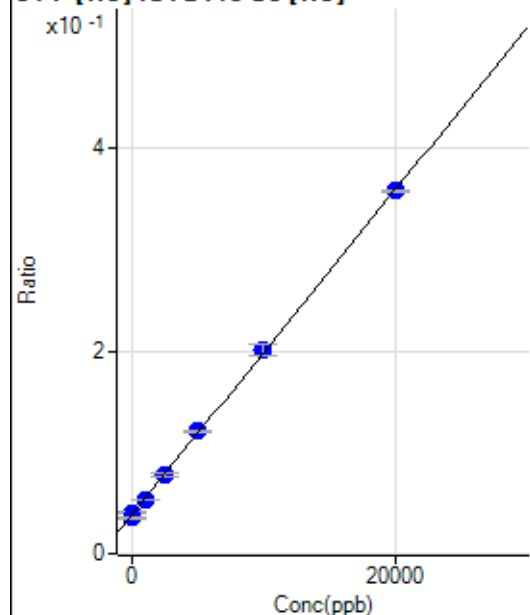
DL = 3.149

BEC = 88.65

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	136.721	7707.80	0.0401	P	4.8
2	☐	0.000	-136.721	7224.21	0.0357	P	3.7
3	☐	1000.000	967.717	10743.13	0.0535	P	2.2
4	☐	2500.000	2428.445	15530.97	0.0770	P	5.1
5	☐	5000.000	5134.437	23842.28	0.1205	P	1.8
6	☐	10000.000	10169.917	38925.08	0.2015	P	5.8
7	☐	20000.000	19891.991	73749.20	0.3580	P	0.6
8	☐			6915.70	0.0348	P	2.5

$$y = 1.6091\text{E-}005 * x + 0.0379$$

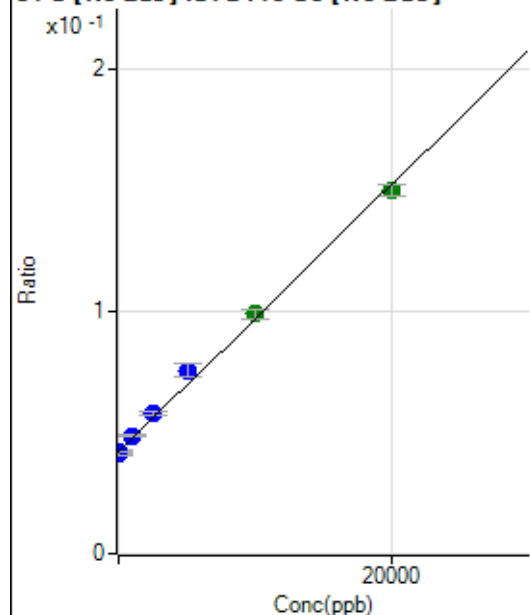
R = 0.9998

DL = 301.3

BEC = 2354

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	55.836	518448.81	0.0421	P	2.9
2	☐	0.000	-55.836	517968.15	0.0415	P	4.1
3	☐	1000.000	1200.973	608342.27	0.0485	P	1.6
4	☐	2500.000	2912.734	729371.25	0.0579	P	2.4
5	☐	5000.000	6101.028	938043.28	0.0755	P	7.3
6	☐	10000.000	10320.918	1164001.98	0.0988	A	4.0
7	☐	20000.000	19502.643	1826918.38	0.1495	A	3.1
8	☐			416472.50	0.0362	P	0.9

$$y = 5.5199\text{E-}006 * x + 0.0418$$

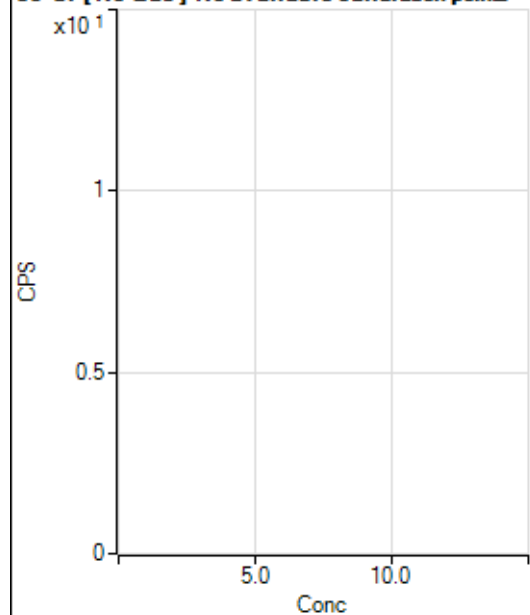
R = 0.9980

DL = 795

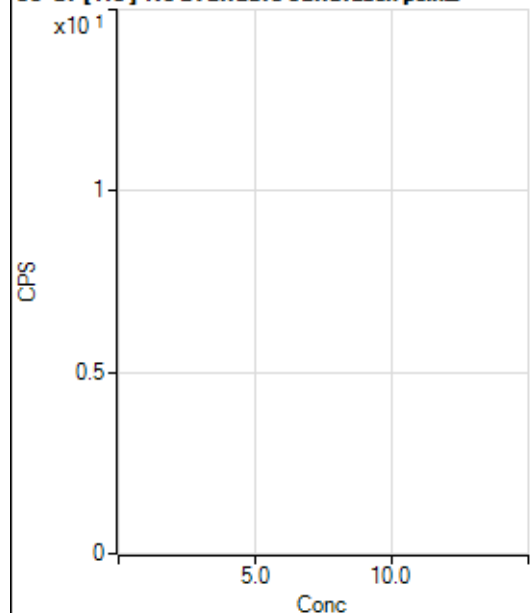
BEC = 7579

Weight: <None>

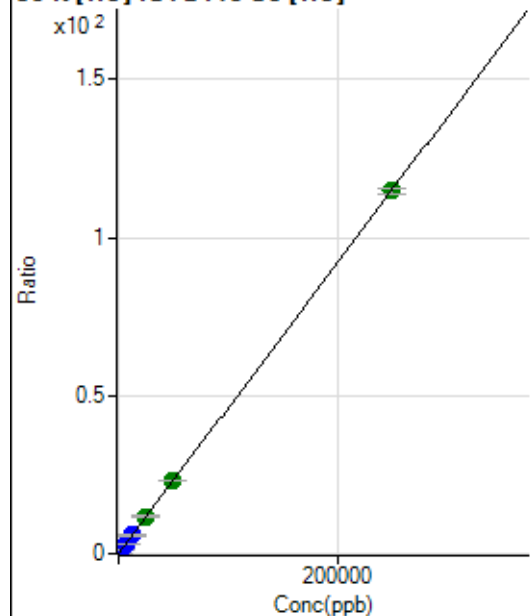
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			291475.98		P	1.4
2	☐			327271.22		P	0.7
3	☐			324685.86		P	1.4
4	☐			314185.28		P	0.7
5	☐			304475.16		P	1.3
6	☐			298076.69		P	1.2
7	☐			303531.75		P	1.6
8	☐			307698.27		P	1.6

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1072.29		P	4.0
2	☐			1100.07		P	6.6
3	☐			1236.20		P	16.5
4	☐			994.51		P	10.6
5	☐			1105.63		P	15.3
6	☐			936.17		P	3.7
7	☐			1111.18		P	7.0
8	☐			1155.63		P	12.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6715.64	0.0349	P	2.7
2	☐	500.000	475.627	51283.39	0.2533	P	3.3
3	☐	2500.000	2502.628	237947.37	1.1840	P	2.5
4	☐	6250.000	6242.264	585876.59	2.9011	P	1.4
5	☐	12500.000	12713.077	1161619.88	5.8722	P	3.5
6	☐	25000.000	25750.851	2291186.64	11.8586	A	3.2
7	☐	50000.000	50149.564	4750881.36	23.0616	A	1.5
8	☐	250000.00	249884.56	22827815.96	114.7719	A	1.7

$$y = 4.5916E-004 * x + 0.0349$$

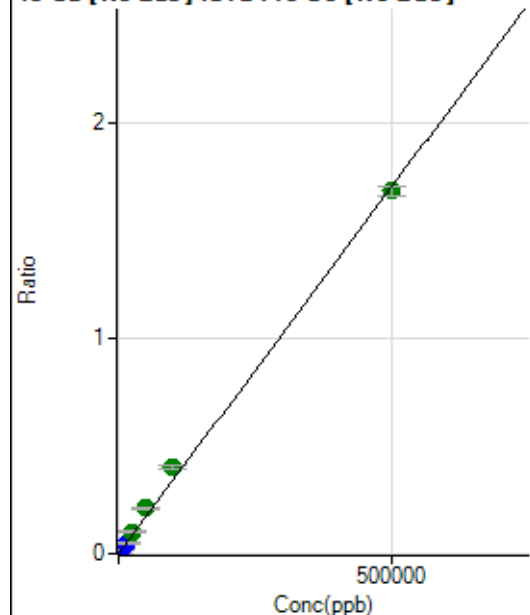
$$R = 1.0000$$

$$DL = 6.044$$

$$BEC = 75.98$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	270.39	0.0000	P	7.6
2	☐	500.000	474.830	20424.40	0.0016	P	3.7
3	☐	5000.000	5985.443	255880.30	0.0204	P	1.3
4	☐	12500.000	14345.514	614903.20	0.0488	P	2.4
5	☐	25000.000	29562.458	1250181.79	0.1006	A	7.2
6	☐	50000.000	61922.542	2482162.26	0.2107	A	3.4
7	☐	100000.00	118167.81	4911135.02	0.4020	A	3.6
8	☐	500000.00	494890.09	19385636.20	1.6836	A	2.8

$$y = 3.4019\text{E-}006 * x + 2.1951\text{E-}005$$

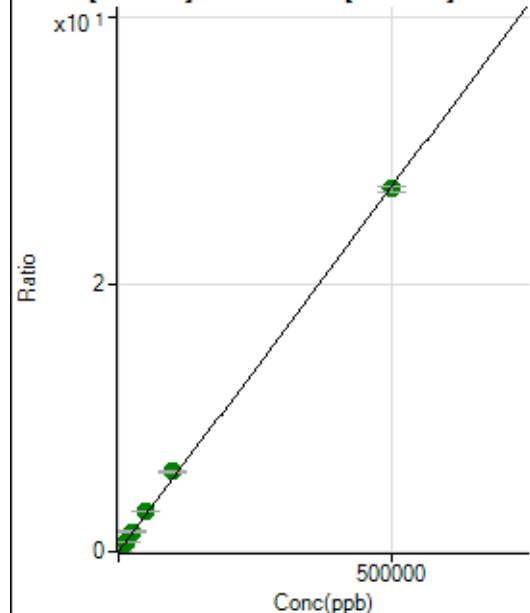
$$R = 0.9991$$

$$DL = 1.473$$

$$BEC = 6.453$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16945.10	0.0014	P	1.8
2	☐	500.000	478.948	342969.73	0.0275	P	3.9
3	☐	5000.000	5600.266	3851054.25	0.3068	A	0.7
4	☐	12500.000	13757.827	9465318.31	0.7516	A	2.8
5	☐	25000.000	27063.024	18351525.88	1.4771	A	7.0
6	☐	50000.000	55735.665	35840668.31	3.0406	A	1.5
7	☐	100000.00	110026.85	73327617.50	6.0011	A	2.3
8	☐	500000.00	497280.48	312269790.1	27.1181	A	1.6

$$y = 5.4530\text{E-}005 * x + 0.0014$$

$$R = 0.9997$$

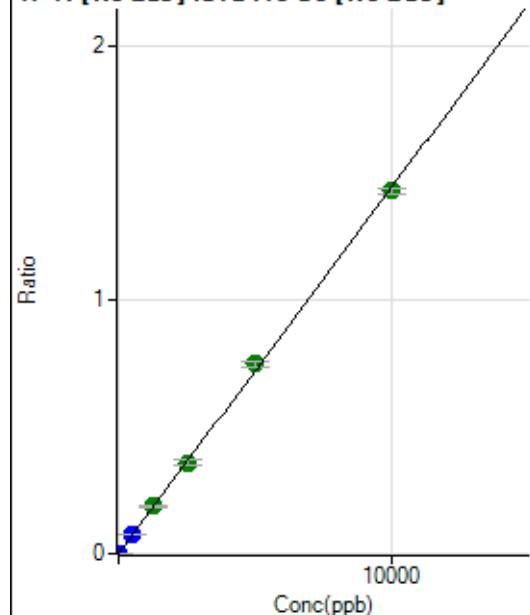
$$DL = 1.336$$

$$BEC = 25.25$$

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	491.69	0.0000	P	14.3
2	☐	5.000	5.202	9850.88	0.0008	P	5.0
3	☐	500.000	521.084	943642.60	0.0752	P	1.8
4	☐	1250.000	1287.328	2337554.46	0.1856	A	3.7
5	☐	2500.000	2492.923	4466356.87	0.3594	A	6.7
6	☐	5000.000	5174.294	8791530.66	0.7460	A	2.4
7	☐	10000.000	9908.902	17455324.35	1.4285	A	1.9
8	☐			3956.28	0.0003	P	24.1

$$y = 1.4416E-004 * x + 3.9887E-005$$

$$R = 0.9998$$

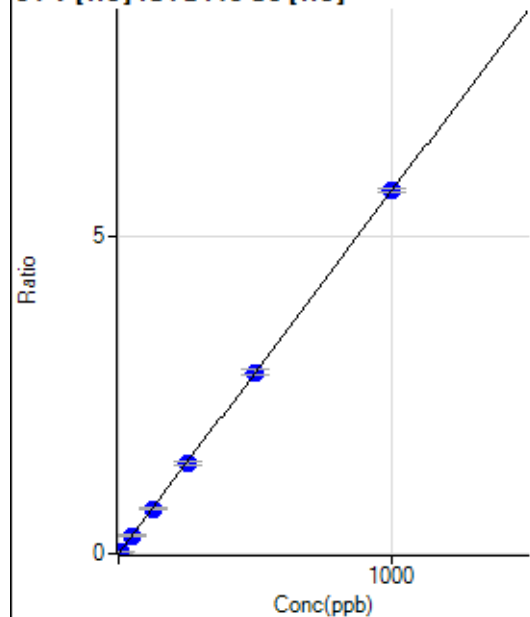
$$DL = 0.1186$$

$$BEC = 0.2767$$

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	2.22	0.0000	P	86.6
2	☐	5.000	4.794	5558.92	0.0275	P	3.9
3	☐	50.000	49.686	57177.22	0.2845	P	2.8
4	☐	125.000	124.086	143440.88	0.7104	P	2.1
5	☐	250.000	247.837	280644.51	1.4190	P	3.9
6	☐	500.000	500.058	553156.22	2.8630	P	3.6
7	☐	1000.000	1000.643	1180274.91	5.7291	P	1.2
8	☐			310.01	0.0016	P	27.4

$$y = 0.0057 * x + 1.1145E-005$$

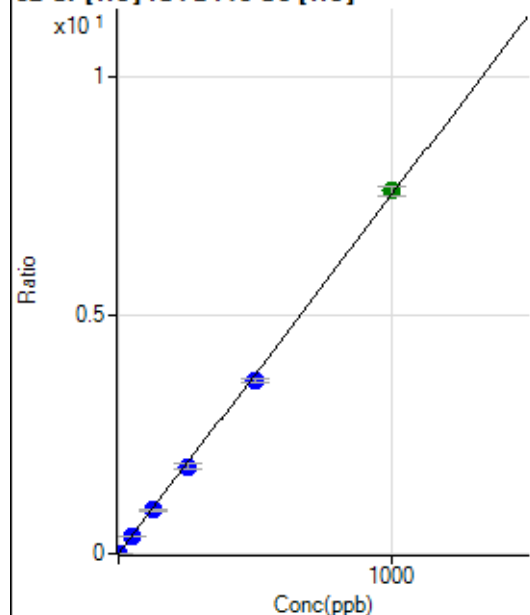
$$R = 1.0000$$

$$DL = 0.005058$$

$$BEC = 0.001947$$

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	415.57	0.0022	P	6.7
2	☐	2.000	1.864	3271.52	0.0162	P	5.4
3	☐	50.000	48.981	74408.34	0.3702	P	1.6
4	☐	125.000	122.202	185785.20	0.9204	P	3.4
5	☐	250.000	243.463	362205.76	1.8316	P	5.3
6	☐	500.000	481.566	699701.15	3.6208	P	2.0
7	☐	1000.000	1011.252	1565931.73	7.6011	A	2.6
8	☐			3583.83	0.0180	P	8.0

$$y = 0.0075 * x + 0.0022$$

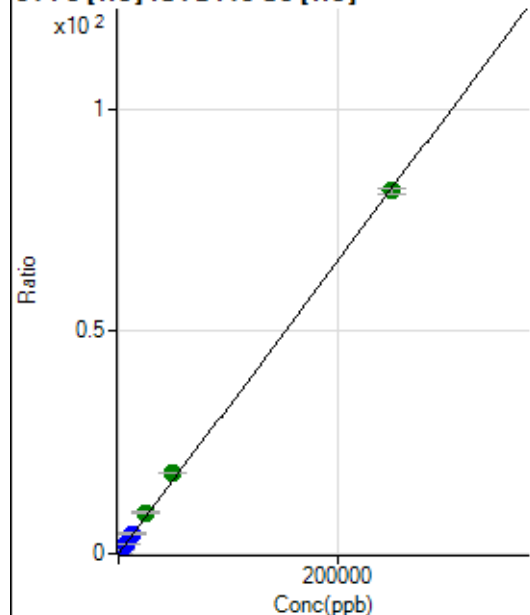
$$R = 0.9997$$

$$DL = 0.05737$$

$$BEC = 0.2866$$

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	435.20	0.0023	P	11.5
2	☐	50.000	51.864	3908.01	0.0193	P	3.3
3	☐	2500.000	2770.729	183334.21	0.9122	P	1.3
4	☐	6250.000	6818.918	452473.02	2.2417	P	3.1
5	☐	12500.000	13711.444	891146.81	4.5053	P	3.6
6	☐	25000.000	27994.695	1776736.95	9.1961	A	3.5
7	☐	50000.000	55277.951	3740403.96	18.1564	A	1.7
8	☐	250000.00	248567.43	16237332.31	81.6355	A	1.9

$$y = 3.2841E-004 * x + 0.0023$$

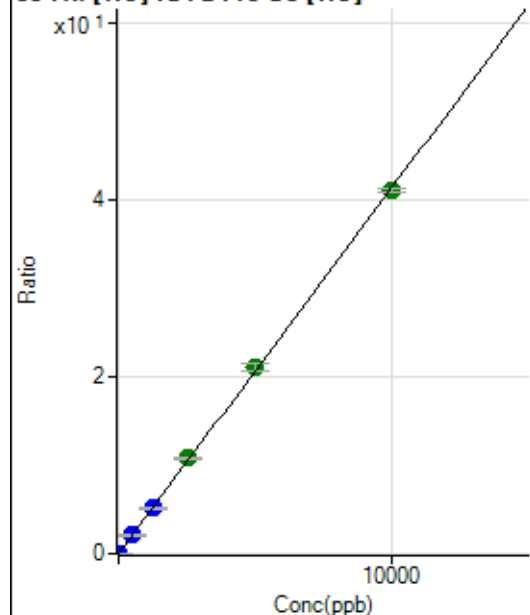
$$R = 0.9997$$

$$DL = 2.385$$

$$BEC = 6.908$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0002	P	23.6
2	☐	1.000	1.077	940.04	0.0046	P	7.2
3	☐	500.000	504.377	419247.67	2.0860	P	2.0
4	☐	1250.000	1237.387	1032982.62	5.1173	P	2.7
5	☐	2500.000	2619.929	2143591.43	10.8348	A	2.4
6	☐	5000.000	5089.571	4066216.12	21.0479	A	4.3
7	☐	10000.000	9926.590	8457259.94	41.0511	A	0.9
8	☐			4710.91	0.0237	P	14.1

$$y = 0.0041 * x + 1.9187E-004$$

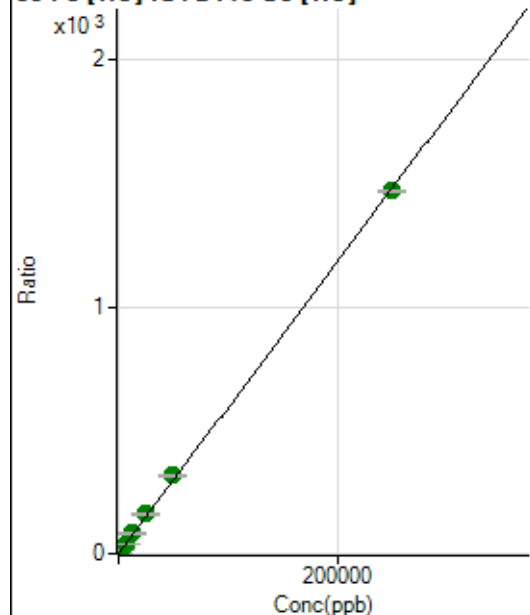
$$R = 0.9998$$

$$DL = 0.03287$$

$$BEC = 0.0464$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2318.75	0.0120	P	3.8
2	☐	50.000	50.535	62875.70	0.3104	P	0.2
3	☐	2500.000	2819.946	3348317.03	16.6603	A	2.6
4	☐	6250.000	6865.427	8185976.05	40.5440	A	2.1
5	☐	12500.000	13999.958	16352189.60	82.6646	A	3.2
6	☐	25000.000	27355.750	31208047.23	161.5142	A	4.2
7	☐	50000.000	53856.768	65504683.41	317.9702	A	2.6
8	☐	250000.00	248899.48	292282673.2	1.469458	A	0.3

$$y = 0.0059 * x + 0.0120$$

$$R = 0.9998$$

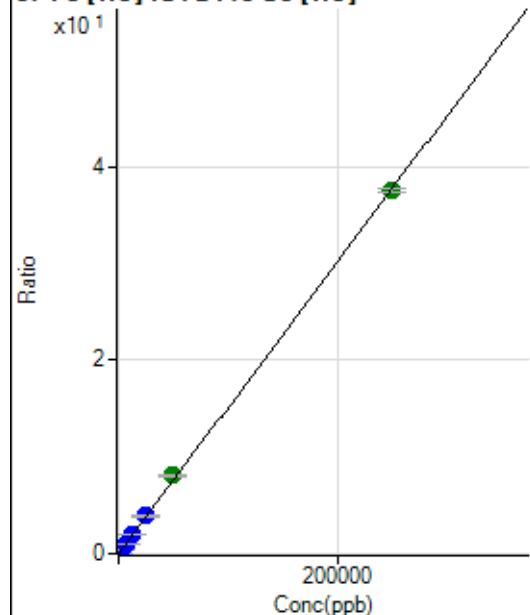
$$DL = 0.23$$

$$BEC = 2.037$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.41	0.0003	P	39.7
2	☐	50.000	52.676	1668.64	0.0082	P	7.5
3	☐	2500.000	2670.315	80879.03	0.4024	P	3.5
4	☐	6250.000	6438.668	195845.45	0.9699	P	1.9
5	☐	12500.000	13231.283	394139.12	1.9928	P	4.2
6	☐	25000.000	26264.302	764156.19	3.9555	P	4.4
7	☐	50000.000	53934.864	1673264.92	8.1225	A	3.0
8	☐	250000.00	249043.61	7459688.71	37.5047	A	1.1

$$y = 1.5059\text{E-}004 * x + 3.0212\text{E-}004$$

$$R = 0.9999$$

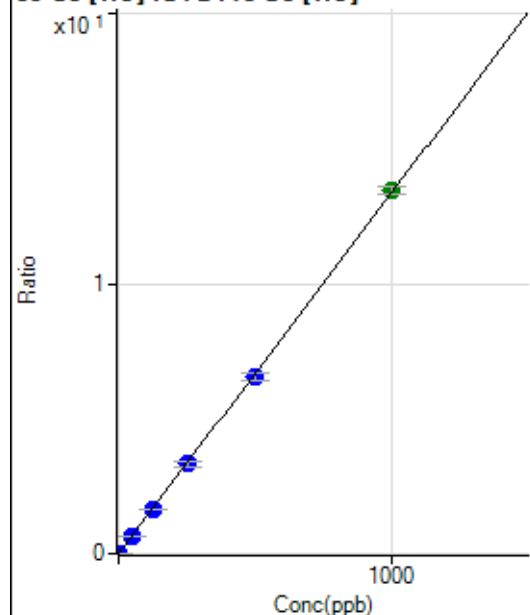
$$DL = 2.391$$

$$BEC = 2.006$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	42.22	0.0002	P	38.2
2	☐	1.000	0.998	2745.85	0.0136	P	8.2
3	☐	50.000	50.352	135457.47	0.6740	P	0.8
4	☐	125.000	121.878	329309.71	1.6311	P	2.3
5	☐	250.000	248.209	656605.85	3.3215	P	6.7
6	☐	500.000	491.184	1269854.92	6.5727	P	3.7
7	☐	1000.000	1005.228	2770944.47	13.4510	A	2.0
8	☐			4480.76	0.0225	P	5.9

$$y = 0.0134 * x + 2.2251\text{E-}004$$

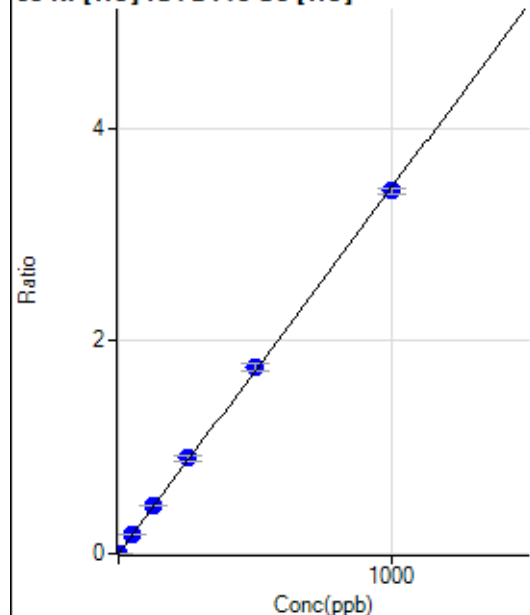
$$R = 0.9999$$

$$DL = 0.01906$$

$$BEC = 0.01663$$

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	32.22	0.0002	P	41.3
2	☐	1.000	1.056	770.03	0.0038	P	2.4
3	☐	50.000	53.453	36957.95	0.1839	P	2.1
4	☐	125.000	131.693	91422.35	0.4528	P	1.7
5	☐	250.000	261.252	177586.51	0.8981	P	5.3
6	☐	500.000	509.732	338548.21	1.7522	P	3.3
7	☐	1000.000	991.312	701957.90	3.4074	P	1.3
8	☐			2071.28	0.0104	P	5.9

$$y = 0.0034 * x + 1.6942E-004$$

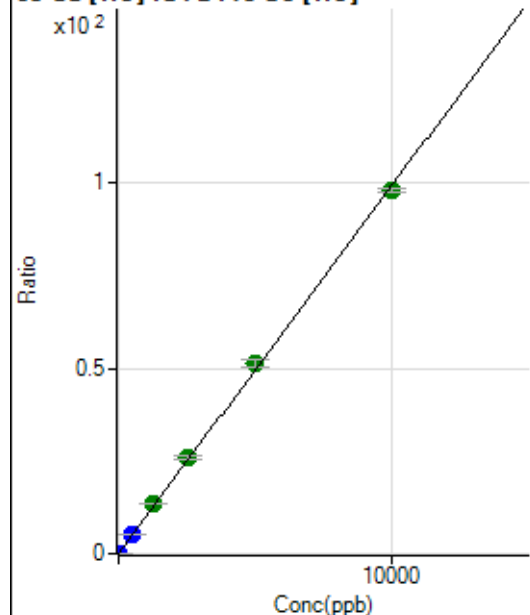
$$R = 0.9999$$

$$DL = 0.06108$$

$$BEC = 0.04929$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1147.84	0.0060	P	9.3
2	☐	2.000	1.920	5058.73	0.0250	P	5.9
3	☐	500.000	527.248	1050963.56	5.2293	P	1.5
4	☐	1250.000	1350.696	2702683.33	13.3871	A	1.9
5	☐	2500.000	2623.226	5140545.55	25.9938	A	4.4
6	☐	5000.000	5173.968	9904498.74	51.2635	A	3.3
7	☐	10000.000	9868.260	20141449.84	97.7689	A	1.1
8	☐			5379.25	0.0271	P	20.9

$$y = 0.0099 * x + 0.0060$$

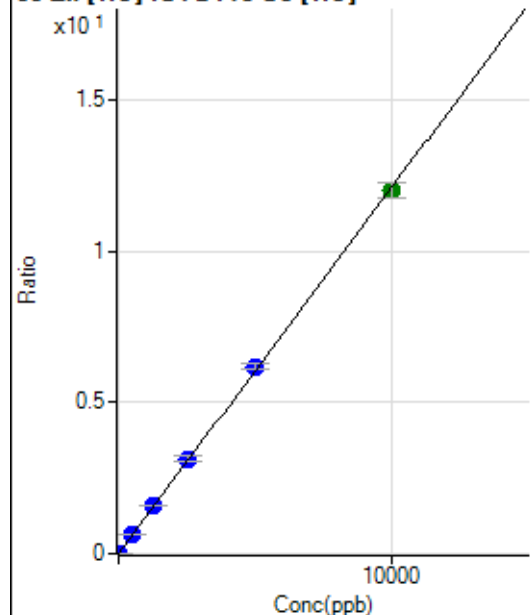
$$R = 0.9997$$

$$DL = 0.1679$$

$$BEC = 0.6036$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	145.56	0.0008	P	8.4
2	☐	2.000	2.443	751.14	0.0037	P	3.9
3	☐	500.000	534.966	130138.19	0.6475	P	1.0
4	☐	1250.000	1309.098	319688.08	1.5834	P	1.8
5	☐	2500.000	2593.489	620196.69	3.1363	P	4.8
6	☐	5000.000	5107.168	1193152.89	6.1753	P	3.3
7	☐	10000.000	9913.908	2469125.34	11.9866	A	4.4
8	☐			2196.86	0.0110	P	1.6

$$y = 0.0012 * x + 7.5339E-004$$

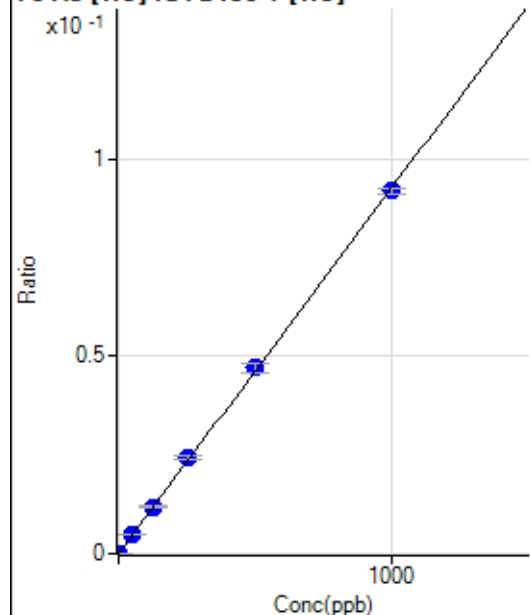
$$R = 0.9999$$

$$DL = 0.1562$$

$$BEC = 0.6232$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.33	0.0000	P	173.2
2	☐	1.000	1.043	115.68	0.0001	P	14.3
3	☐	50.000	51.719	5782.44	0.0048	P	5.2
4	☐	125.000	128.399	14266.29	0.0119	P	3.2
5	☐	250.000	260.815	28171.12	0.0241	P	4.1
6	☐	500.000	508.236	54892.17	0.0470	P	4.8
7	☐	1000.000	992.667	113007.25	0.0919	P	1.3
8	☐			86.34	0.0001	P	18.2

$$y = 9.2547E-005 * x + 2.9194E-007$$

$$R = 0.9999$$

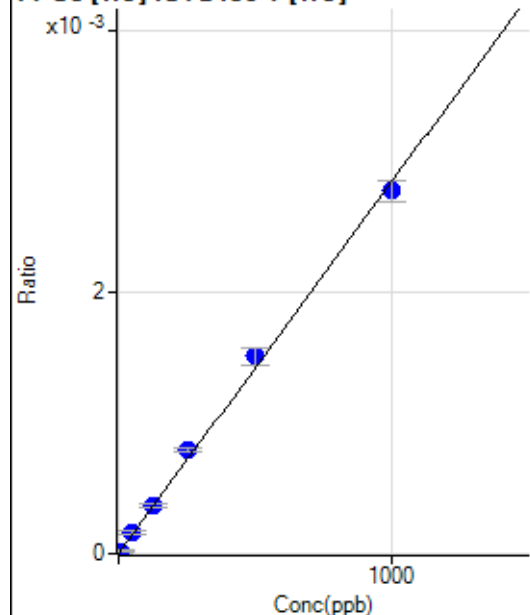
$$DL = 0.01639$$

$$BEC = 0.003155$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	5.587	20.00	0.0000	P	67.9
3	☐	50.000	57.013	196.67	0.0002	P	17.5
4	☐	125.000	128.596	440.01	0.0004	P	5.4
5	☐	250.000	280.203	931.15	0.0008	P	4.2
6	☐	500.000	531.119	1762.35	0.0015	P	8.8
7	☐	1000.000	976.087	3414.90	0.0028	P	6.1
8	☐			2.22	0.0000	P	86.6

$$y = 2.8436E-006 * x + 9.2817E-007$$

$$R = 0.9987$$

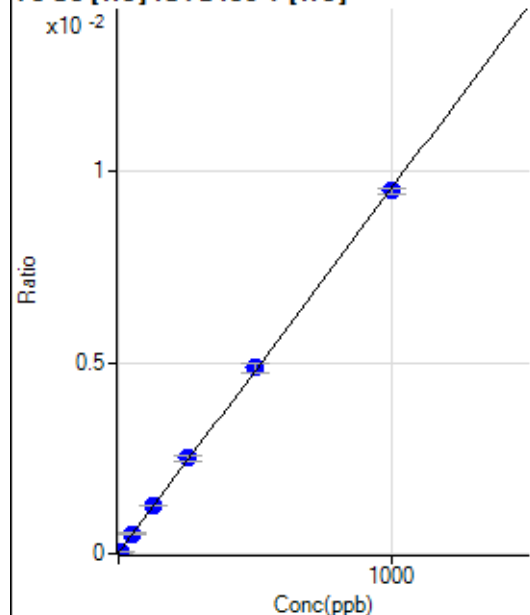
$$DL = 1.696$$

$$BEC = 0.3264$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.67	0.0000	P	32.1
2	☐	5.000	4.315	75.01	0.0001	P	6.4
3	☐	50.000	51.827	622.41	0.0005	P	7.8
4	☐	125.000	130.352	1517.24	0.0013	P	0.3
5	☐	250.000	259.257	2906.93	0.0025	P	5.9
6	☐	500.000	507.606	5668.39	0.0049	P	5.3
7	☐	1000.000	993.126	11664.00	0.0095	P	1.9
8	☐			27.33	0.0000	P	13.2

$$y = 9.5262E-006 * x + 2.1664E-005$$

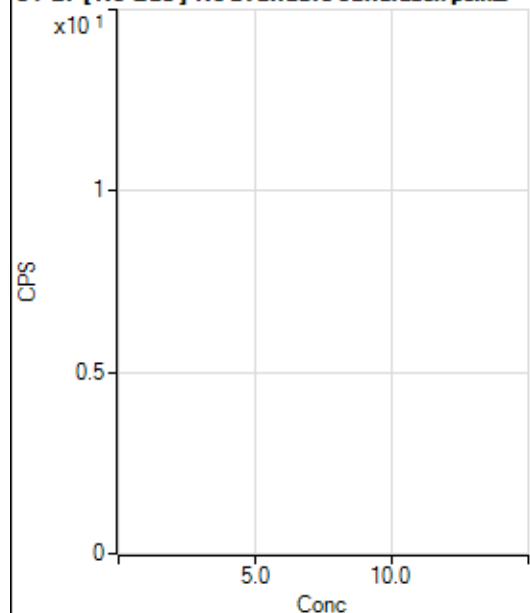
$$R = 0.9999$$

$$DL = 2.188$$

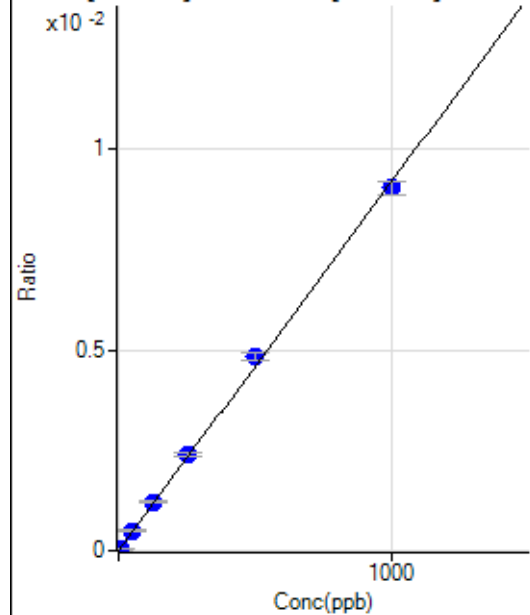
$$BEC = 2.274$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97950.13		P	3.3
2	☐			99857.23		P	0.6
3	☐			99701.89		P	2.0
4	☐			92690.76		P	1.3
5	☐			96799.47		P	3.5
6	☐			95330.09		P	1.4
7	☐			99917.99		P	1.8
8	☐			93930.93		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-2.50	0.0000	P	-990.
2	☐	5.000	5.392	1271.22	0.0000	P	2.7
3	☐	50.000	54.179	12907.01	0.0005	P	3.6
4	☐	125.000	132.442	31493.09	0.0012	P	1.4
5	☐	250.000	259.771	61711.57	0.0024	P	3.8
6	☐	500.000	525.917	119342.78	0.0048	P	4.7
7	☐	1000.000	983.458	232741.88	0.0090	P	3.9
8	☐			320.81	0.0000	P	6.1

$$y = 9.1934\text{E-}006 * x - 1.0464\text{E-}007$$

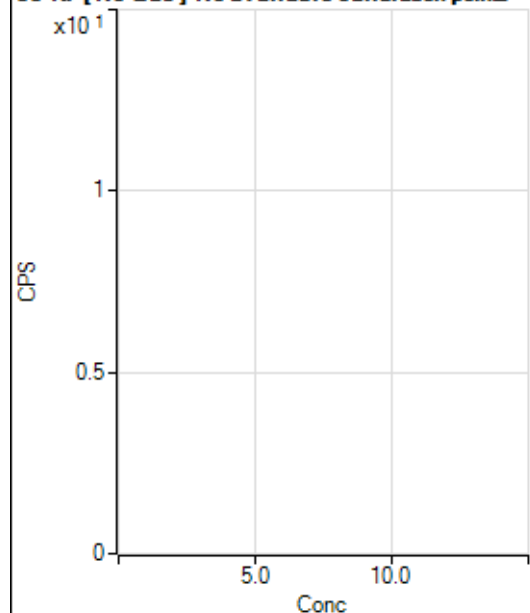
$$R = 0.9994$$

$$DL = 0.3383$$

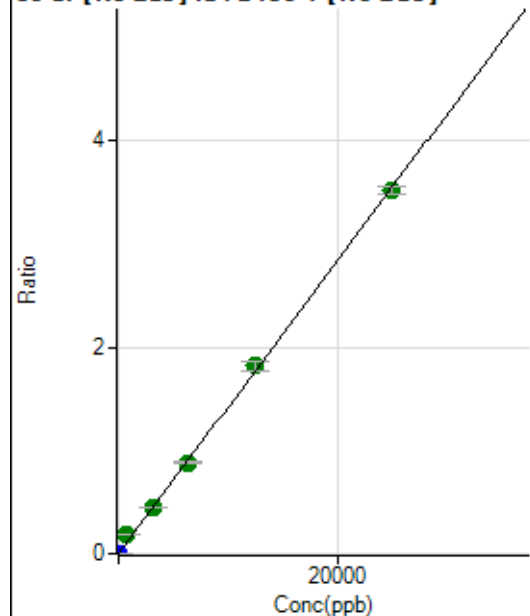
$$BEC = -0.01138$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			673.68		P	6.2
2	☐			675.35		P	6.2
3	☐			653.27		P	4.0
4	☐			646.61		P	2.8
5	☐			660.35		P	5.5
6	☐			663.27		P	1.4
7	☐			687.85		P	2.7
8	☐			724.93		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1055.62	0.0000	P	2.1
2	☐	1.000	1.000	4703.71	0.0002	P	5.6
3	☐	625.000	1315.001	4826204.02	0.1862	A	2.7
4	☐	3125.000	3127.032	11452525.17	0.4427	A	1.6
5	☐	6250.000	6237.150	22821901.20	0.8830	A	2.9
6	☐	12500.000	12846.562	44889492.32	1.8187	A	4.8
7	☐	25000.000	24812.428	90461417.30	3.5126	A	2.1
8	☐			34554.47	0.0014	P	14.8

$$y = 1.4156E-004 * x + 4.1466E-005$$

$$R = 0.9995$$

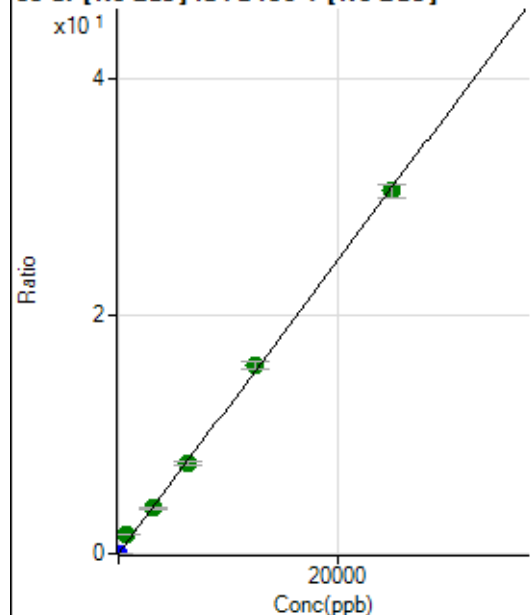
$$DL = 0.01854$$

$$BEC = 0.2929$$

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	380.57	0.0000	P	10.2
2	☐	1.000	0.993	31742.41	0.0012	P	3.5
3	☐	625.000	1281.797	40844765.84	1.5758	A	2.7
4	☐	3125.000	3095.330	98434921.64	3.8053	A	2.2
5	☐	6250.000	6202.304	197081937.7	7.6250	A	3.2
6	☐	12500.000	12876.112	390806019.8	15.8295	A	4.4
7	☐	25000.000	24811.157	785285384.2	30.5021	A	4.0
8	☐			277287.34	0.0116	P	12.8

$$y = 0.0012 * x + 1.4917E-005$$

$$R = 0.9995$$

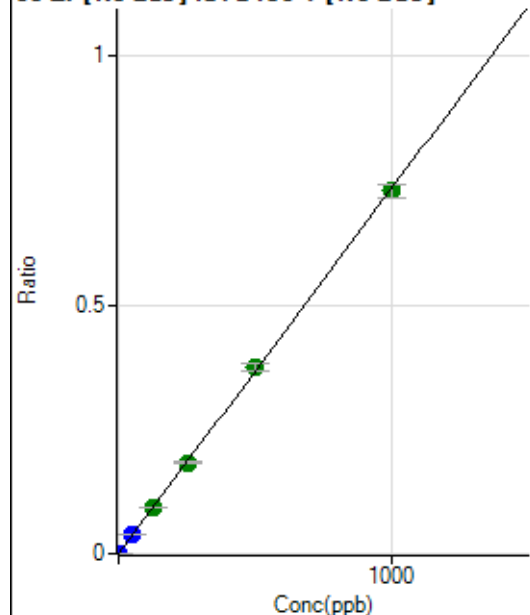
$$DL = 0.003719$$

$$BEC = 0.01213$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1041.73	0.0000	P	5.3
2	☐	1.000	0.987	19664.44	0.0008	P	3.2
3	☐	50.000	50.895	969908.56	0.0374	P	2.0
4	☐	125.000	128.019	2433008.10	0.0941	A	1.2
5	☐	250.000	249.208	4731983.53	0.1831	A	2.0
6	☐	500.000	512.003	9284913.58	0.3760	A	3.7
7	☐	1000.000	993.774	18790274.55	0.7298	A	3.4
8	☐			10821.26	0.0005	P	10.9

$$y = 7.3438E-004 * x + 4.0865E-005$$

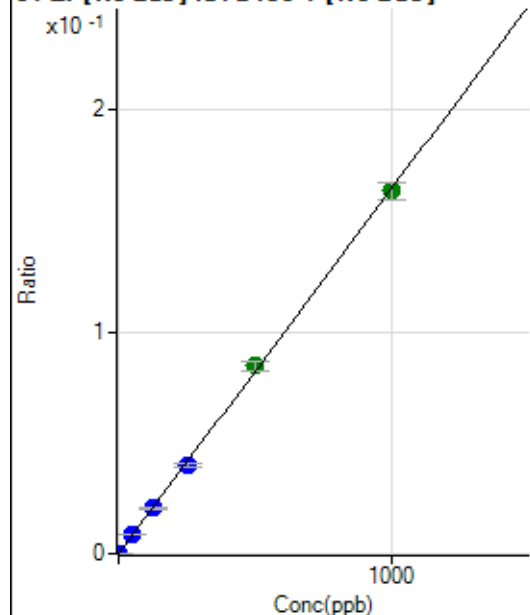
$$R = 0.9999$$

$$DL = 0.008825$$

$$BEC = 0.05565$$

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	183.34	0.0000	P	19.5
2	☐	1.000	0.992	4375.80	0.0002	P	5.7
3	☐	50.000	51.070	217857.35	0.0084	P	2.7
4	☐	125.000	124.269	528837.25	0.0204	P	1.4
5	☐	250.000	243.540	1035142.14	0.0401	P	3.4
6	☐	500.000	514.994	2090562.35	0.0847	A	4.6
7	☐	1000.000	994.156	4207741.02	0.1635	A	4.8
8	☐			2328.04	0.0001	P	15.6

$$y = 1.6444\text{E-}004 * x + 7.2318\text{E-}006$$

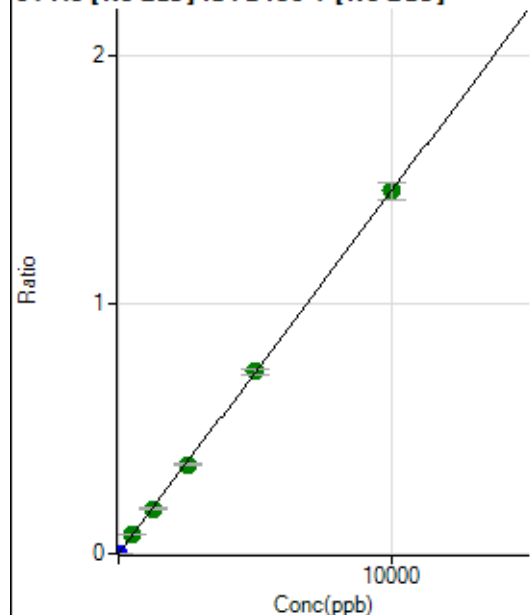
$$R = 0.9998$$

$$DL = 0.02571$$

$$BEC = 0.04398$$

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	291.68	0.0000	P	5.8
2	☐	5.000	5.817	22043.16	0.0009	P	3.1
3	☐	500.000	519.682	1960712.81	0.0756	A	2.6
4	☐	1250.000	1244.420	4685321.15	0.1811	A	0.7
5	☐	2500.000	2459.321	9251525.73	0.3579	A	1.9
6	☐	5000.000	5018.165	18032602.14	0.7303	A	3.6
7	☐	10000.000	10000.800	37457892.85	1.4554	A	5.0
8	☐			16332.50	0.0007	P	9.9

$$y = 1.4553\text{E-}004 * x + 1.1462\text{E-}005$$

$$R = 1.0000$$

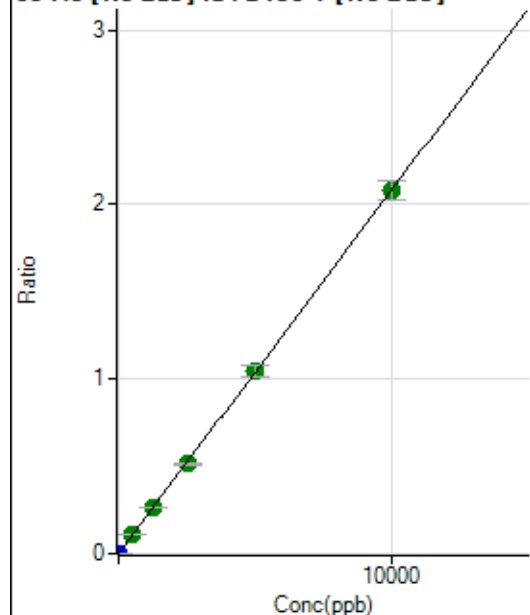
$$DL = 0.0137$$

$$BEC = 0.07876$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	25.4
2	☐	5.000	5.002	26798.76	0.0010	P	5.4
3	☐	500.000	518.353	2797568.83	0.1079	A	3.2
4	☐	1250.000	1270.010	6840680.71	0.2645	A	1.7
5	☐	2500.000	2473.585	13314045.00	0.5151	A	1.6
6	☐	5000.000	5038.503	25889563.95	1.0492	A	5.7
7	☐	10000.000	9983.933	53502629.32	2.0789	A	5.2
8	☐			18482.84	0.0008	P	13.0

$$y = 2.0823\text{E-}004 * x + 2.2944\text{E-}006$$

$$R = 1.0000$$

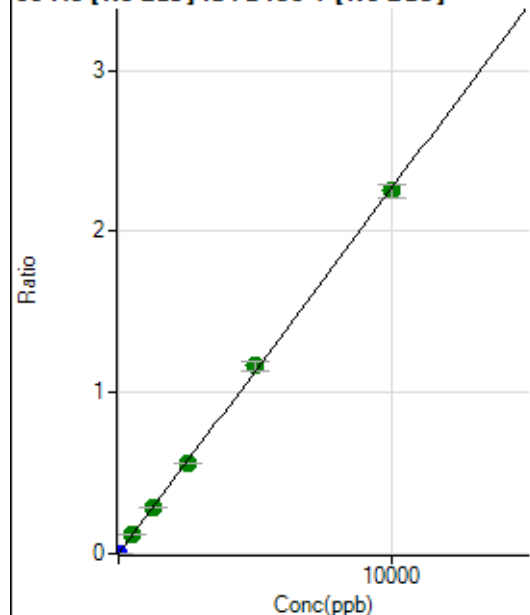
$$DL = 0.008411$$

$$BEC = 0.01102$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	458.36	0.0000	P	22.6
2	☐	5.000	5.093	30097.08	0.0012	P	5.1
3	☐	500.000	522.097	3067230.91	0.1183	A	3.5
4	☐	1250.000	1267.864	7433608.41	0.2874	A	1.8
5	☐	2500.000	2477.905	14518139.04	0.5616	A	1.2
6	☐	5000.000	5139.689	28749296.83	1.1649	A	5.2
7	☐	10000.000	9932.341	57951812.41	2.2511	A	3.6
8	☐			51291.34	0.0021	P	2.9

$$y = 2.2664\text{E-}004 * x + 1.7900\text{E-}005$$

$$R = 0.9999$$

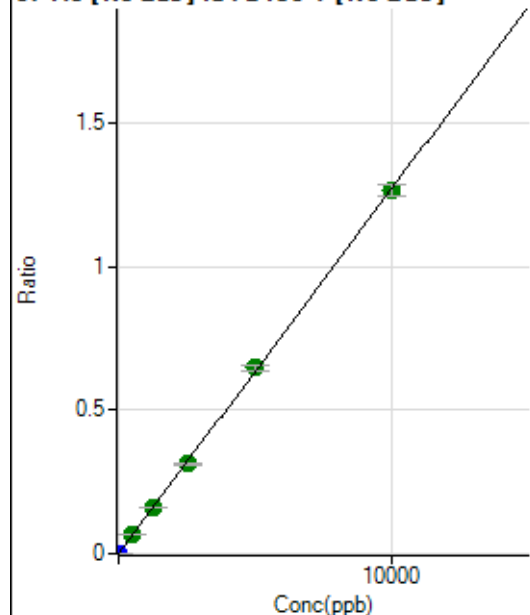
$$DL = 0.05364$$

$$BEC = 0.07898$$

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	44.45	0.0000	P	70.4
2	☐	5.000	5.016	16421.24	0.0006	P	5.6
3	☐	500.000	537.007	1770729.18	0.0683	A	1.1
4	☐	1250.000	1268.491	4173018.11	0.1613	A	1.9
5	☐	2500.000	2464.583	8102316.59	0.3134	A	1.4
6	☐	5000.000	5113.699	16059642.55	0.6503	A	3.1
7	☐	10000.000	9947.843	32572103.85	1.2651	A	3.0
8	☐			12147.67	0.0005	P	14.6

$$y = 1.2717\text{E-}004 * x + 1.7203\text{E-}006$$

$$R = 0.9999$$

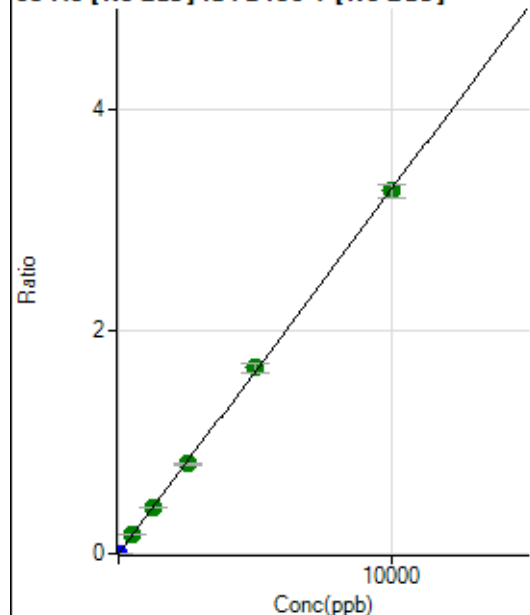
$$DL = 0.02857$$

$$BEC = 0.01353$$

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	186.12	0.0000	P	8.4
2	☐	5.000	5.025	42474.41	0.0017	P	5.1
3	☐	500.000	520.006	4418687.60	0.1704	A	1.1
4	☐	1250.000	1246.756	10571297.54	0.4086	A	0.8
5	☐	2500.000	2461.878	20858750.99	0.8069	A	1.0
6	☐	5000.000	5101.761	41275981.83	1.6721	A	4.5
7	☐	10000.000	9958.055	84022468.54	3.2637	A	3.5
8	☐			29379.34	0.0012	P	14.2

$$y = 3.2775\text{E-}004 * x + 7.3177\text{E-}006$$

$$R = 0.9999$$

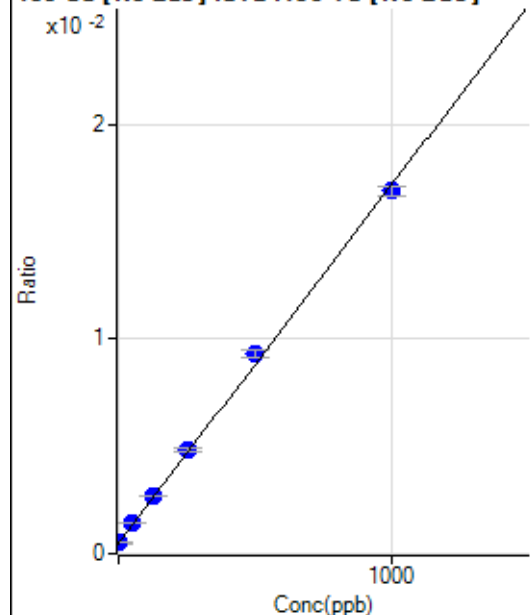
$$DL = 0.005597$$

$$BEC = 0.02233$$

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	8986.54	0.0005	P	3.4
2	☐	1.000	1.748	9639.84	0.0005	P	7.4
3	☐	50.000	56.504	26771.09	0.0014	P	3.1
4	☐	125.000	130.740	50301.25	0.0027	P	2.6
5	☐	250.000	260.466	90511.79	0.0048	P	3.7
6	☐	500.000	526.456	163113.54	0.0093	P	3.7
7	☐	1000.000	983.112	313855.69	0.0169	P	2.6
8	☐			9081.08	0.0005	P	4.3

$$y = 1.6670\text{E-}005 * x + 4.9870\text{E-}004$$

$$R = 0.9994$$

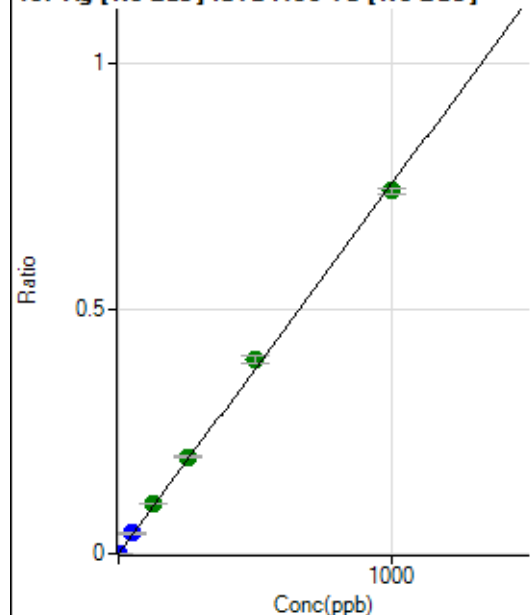
$$DL = 3.071$$

$$BEC = 29.92$$

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	250.01	0.0000	P	4.9
2	☐	1.000	1.053	14775.08	0.0008	P	1.9
3	☐	50.000	54.999	771292.13	0.0415	P	1.8
4	☐	125.000	135.718	1923316.93	0.1024	A	0.5
5	☐	250.000	262.507	3703866.40	0.1981	A	2.6
6	☐	500.000	526.813	6990919.17	0.3975	A	3.4
7	☐	1000.000	981.877	13771076.53	0.7408	A	1.3
8	☐			4823.22	0.0003	P	4.5

$$y = 7.5446\text{E-}004 * x + 1.3876\text{E-}005$$

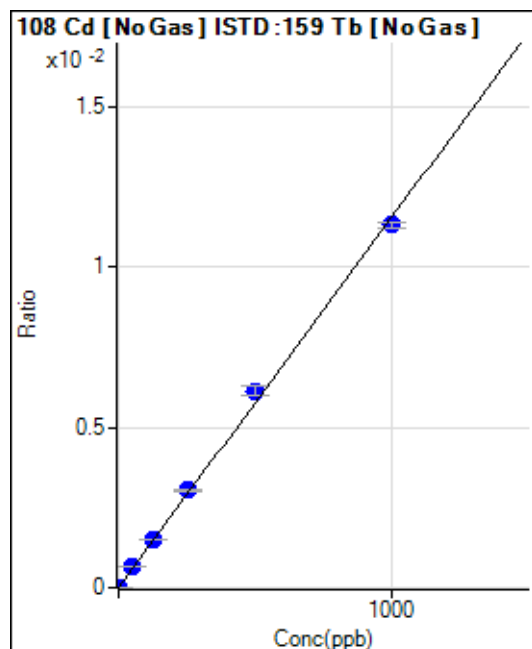
$$R = 0.9993$$

$$DL = 0.002727$$

$$BEC = 0.01839$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.61	0.0000	P	19.8
2	☐	1.000	1.361	336.12	0.0000	P	14.4
3	☐	50.000	56.326	12129.08	0.0007	P	3.1
4	☐	125.000	128.667	27939.56	0.0015	P	1.7
5	☐	250.000	262.309	56663.44	0.0030	P	2.7
6	☐	500.000	531.750	107982.14	0.0061	P	4.3
7	☐	1000.000	980.273	210360.59	0.0113	P	1.6
8	☐			290.29	0.0000	P	16.3

$$y = 1.1541\text{E-}005 * x + 2.7031\text{E-}006$$

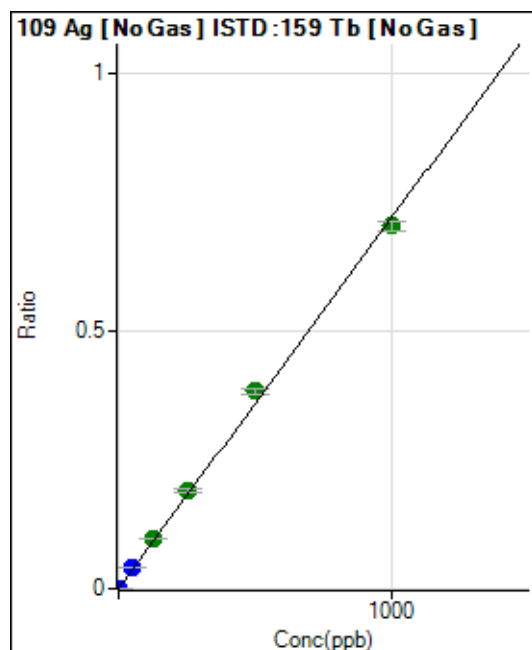
$$R = 0.9992$$

$$DL = 0.1394$$

$$BEC = 0.2342$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	31.8
2	☐	1.000	1.094	14508.07	0.0008	P	4.9
3	☐	50.000	55.870	745969.19	0.0401	P	0.5
4	☐	125.000	135.696	1830841.86	0.0975	A	1.6
5	☐	250.000	264.699	3556098.08	0.1902	A	2.5
6	☐	500.000	531.987	6724855.71	0.3822	A	2.2
7	☐	1000.000	978.701	13066794.48	0.7031	A	2.8
8	☐			4706.50	0.0003	P	9.3

$$y = 7.1836\text{E-}004 * x + 7.8493\text{E-}006$$

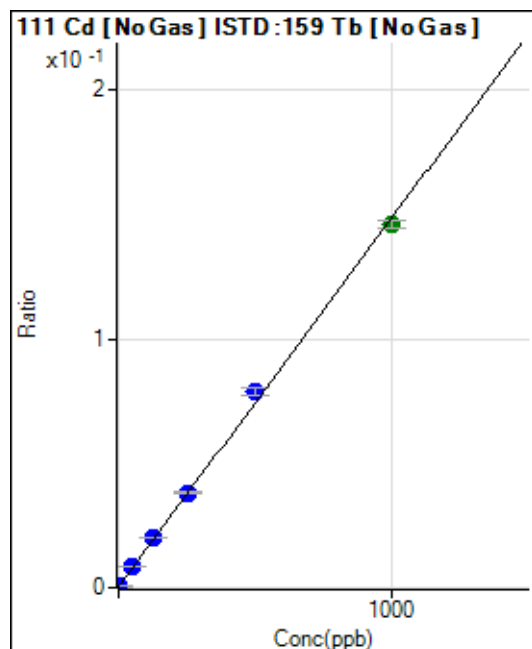
$$R = 0.9991$$

$$DL = 0.01044$$

$$BEC = 0.01093$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6276.00	0.0003	P	3.4
2	☐	1.000	1.127	9410.17	0.0005	P	5.2
3	☐	50.000	54.549	156680.22	0.0084	P	1.0
4	☐	125.000	131.843	373443.76	0.0199	P	1.3
5	☐	250.000	255.726	715093.46	0.0382	P	2.8
6	☐	500.000	530.161	1387891.07	0.0789	P	3.9
7	☐	1000.000	982.405	2712203.17	0.1459	A	2.2
8	☐			6698.02	0.0004	P	6.1

$$y = 1.4818\text{E-}004 * x + 3.4828\text{E-}004$$

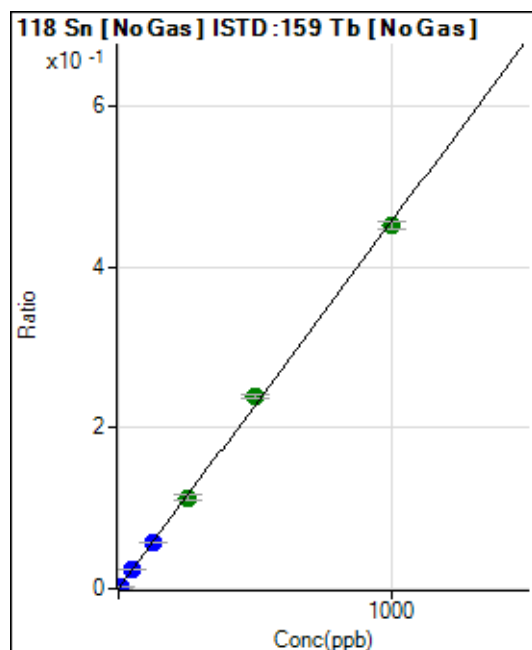
$$R = 0.9993$$

$$DL = 0.2407$$

$$BEC = 2.35$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3981.36	0.0002	P	12.8
2	☐	5.000	4.889	44841.07	0.0025	P	2.3
3	☐	50.000	52.014	445802.75	0.0240	P	0.8
4	☐	125.000	126.388	1088927.54	0.0580	P	1.8
5	☐	250.000	248.318	2124160.51	0.1137	A	7.0
6	☐	500.000	524.527	4221032.08	0.2399	A	2.2
7	☐	1000.000	987.883	8395228.40	0.4517	A	2.2
8	☐			11098.16	0.0006	P	4.8

$$y = 4.5698\text{E-}004 * x + 2.2116\text{E-}004$$

$$R = 0.9996$$

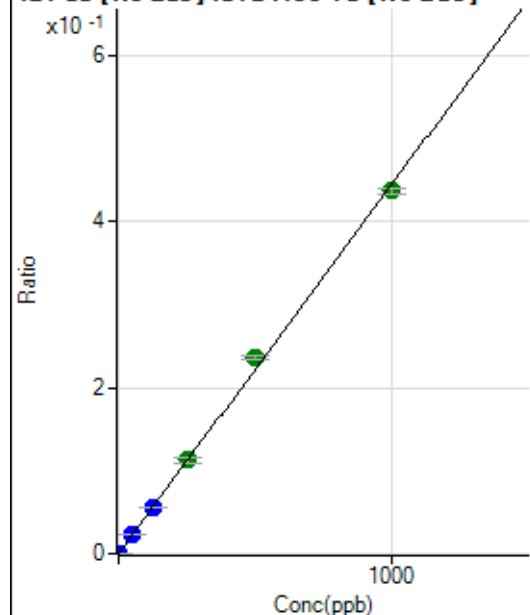
$$DL = 0.1864$$

$$BEC = 0.484$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	47.1
2	☐	2.000	2.029	16504.96	0.0009	P	2.3
3	☐	50.000	52.308	431460.93	0.0232	P	0.7
4	☐	125.000	125.711	1047952.51	0.0558	P	1.1
5	☐	250.000	253.411	2102234.40	0.1125	A	4.9
6	☐	500.000	531.187	4147576.48	0.2358	A	2.3
7	☐	1000.000	983.349	8112570.58	0.4364	A	1.8
8	☐			9044.91	0.0005	P	8.2

$$y = 4.4382\text{E-}004 * x + 3.3764\text{E-}006$$

$$R = 0.9993$$

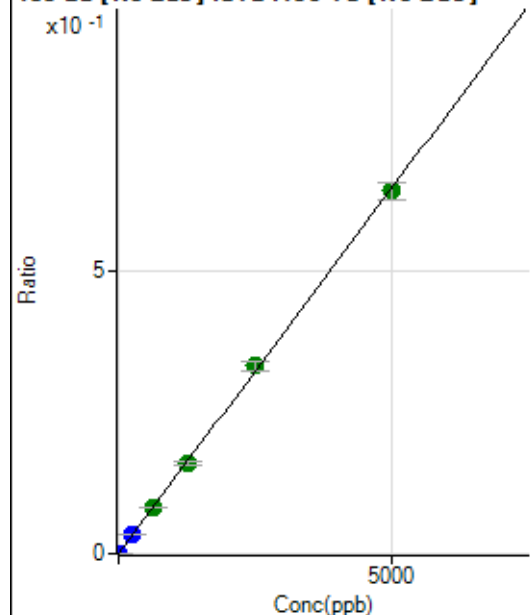
$$DL = 0.01074$$

$$BEC = 0.007608$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	26.6
2	☐	10.000	9.815	23187.11	0.0013	P	1.8
3	☐	250.000	256.720	616091.51	0.0332	P	2.1
4	☐	625.000	635.254	1540890.06	0.0820	A	0.9
5	☐	1250.000	1238.078	2987794.86	0.1599	A	6.0
6	☐	2500.000	2567.733	5831887.50	0.3316	A	4.3
7	☐	5000.000	4967.496	11920412.07	0.6415	A	4.5
8	☐			6393.37	0.0004	P	8.2

$$y = 1.2915\text{E-}004 * x + 1.8538\text{E-}006$$

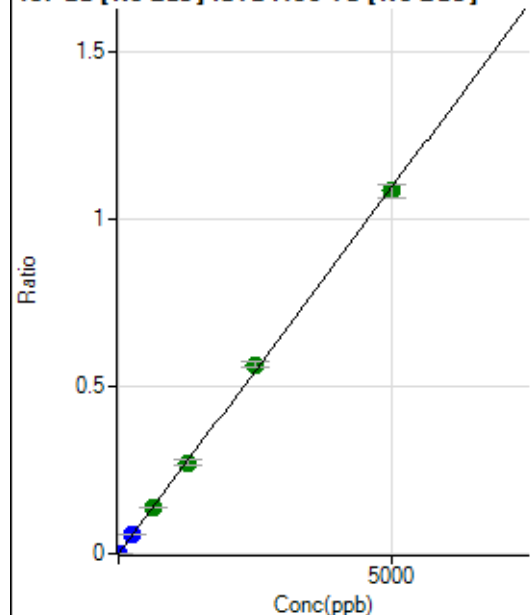
$$R = 0.9999$$

$$DL = 0.01145$$

$$BEC = 0.01435$$

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	55.56	0.0000	P	6.9
2	☐	10.000	9.828	39399.88	0.0022	P	2.6
3	☐	250.000	260.043	1059062.89	0.0570	P	0.8
4	☐	625.000	630.587	2595427.81	0.1382	A	0.7
5	☐	1250.000	1247.760	5110426.29	0.2734	A	5.2
6	☐	2500.000	2586.122	9968053.35	0.5667	A	3.5
7	☐	5000.000	4956.299	20184661.04	1.0861	A	3.7
8	☐			10646.24	0.0006	P	9.8

$$y = 2.1914E-004 * x + 3.0792E-006$$

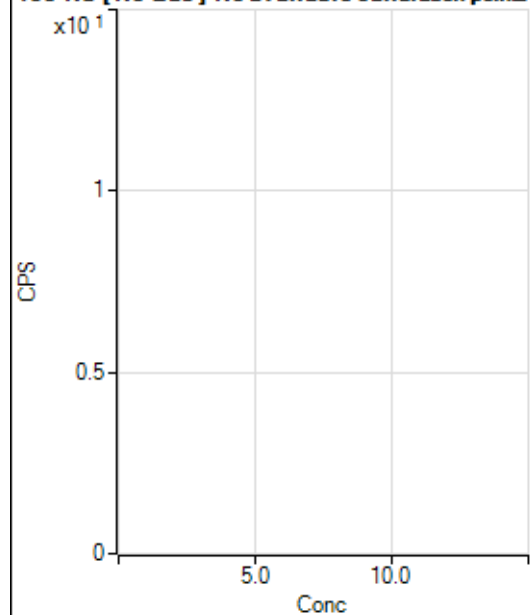
$$R = 0.9998$$

$$DL = 0.002916$$

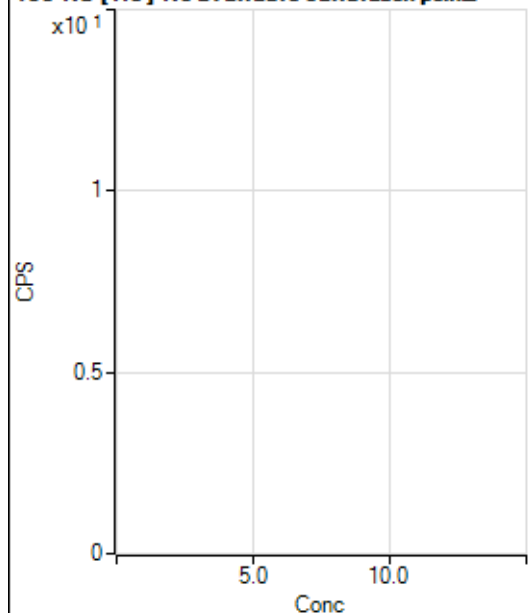
$$BEC = 0.01405$$

Weight: <None>

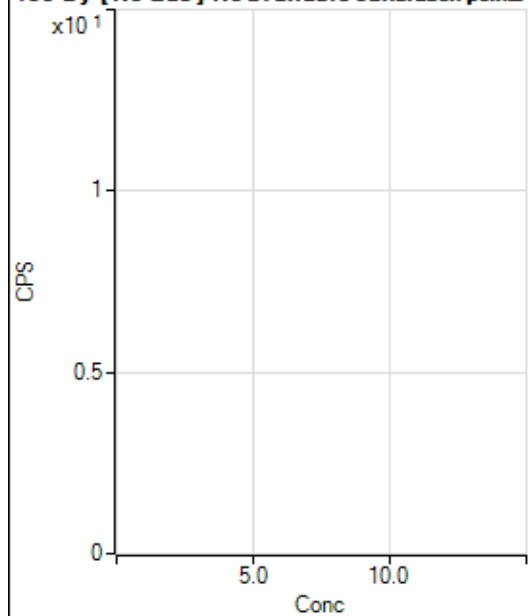
Min Conc: 0

150 Nd [No Gas] No available calibration points

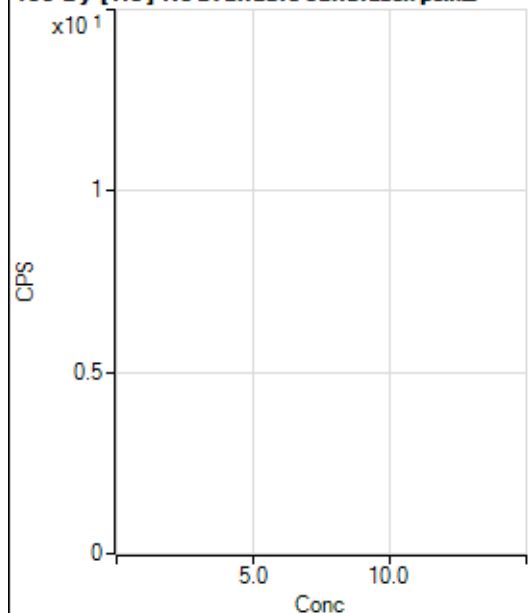
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			11.11		P	69.3
3	☐			55.56		P	6.9
4	☐			175.56		P	18.7
5	☐			320.01		P	7.5
6	☐			606.70		P	4.0
7	☐			1140.07		P	6.2
8	☐			86.67		P	15.4

150 Nd [He] No available calibration points

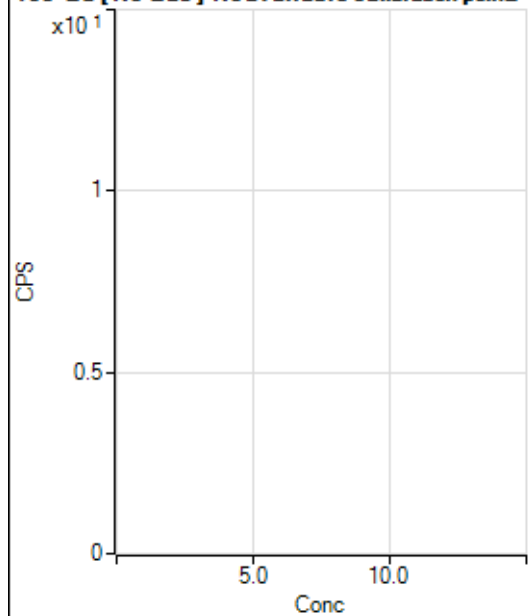
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			4.44		P	114.6
4	☐			5.56		P	91.6
5	☐			5.55		P	69.3
6	☐			7.78		P	24.7
7	☐			17.78		P	10.8
8	☐			16.67		P	52.9

156 Dy [No Gas] No available calibration points

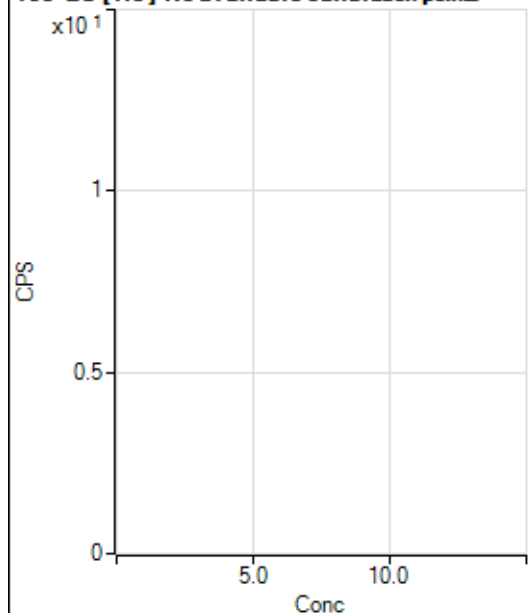
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐			16.67		P	NaN
3	☐			55.56		P	34.6
4	☐			77.78		P	32.7
5	☐			125.00		P	17.6
6	☐			236.12		P	12.4
7	☐			438.91		P	20.8
8	☐			1325.10		P	2.7

156 Dy [He] No available calibration points

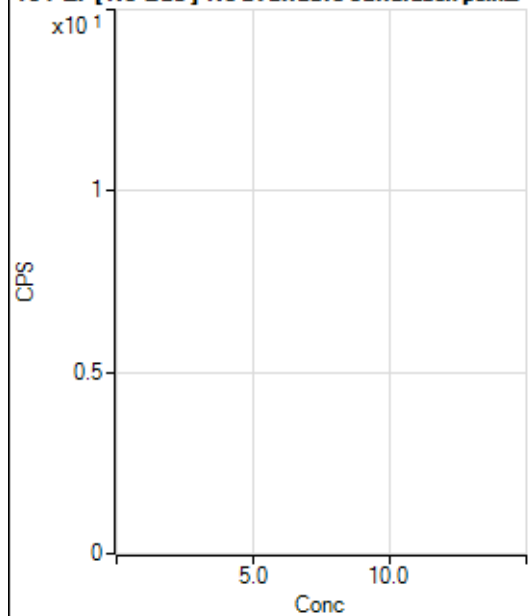
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			0.00		P	
3	☐			7.78		P	65.5
4	☐			10.00		P	0.0
5	☐			17.78		P	47.2
6	☐			35.56		P	39.0
7	☐			83.33		P	31.8
8	☐			180.00		P	9.3

160 Gd [No Gas] Noavailable calibration poin_

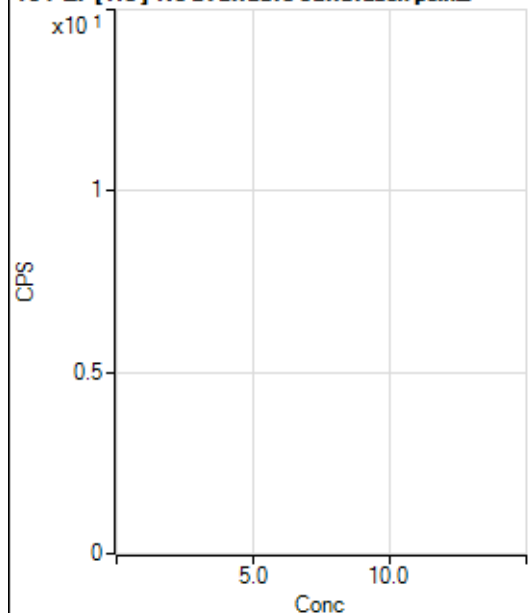
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			133.34		P	0.0
2	☐			113.89		P	15.2
3	☐			136.12		P	9.4
4	☐			172.23		P	26.7
5	☐			166.67		P	21.8
6	☐			188.90		P	17.8
7	☐			280.57		P	9.1
8	☐			886.17		P	9.3

160 Gd [He] No available calibration points

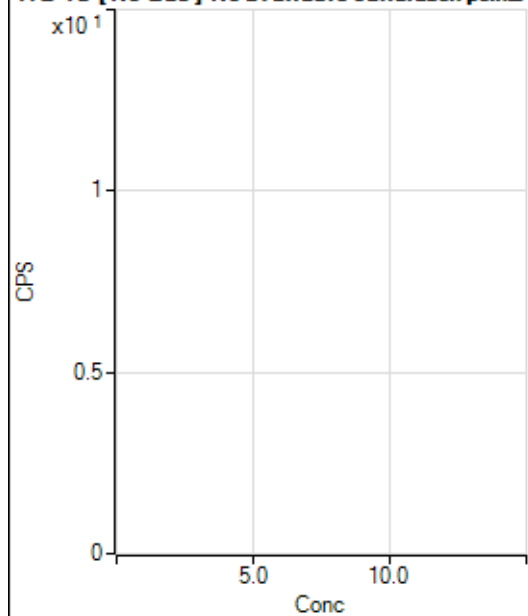
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73.33		P	9.1
2	☐			74.44		P	10.3
3	☐			56.67		P	5.9
4	☐			93.33		P	22.3
5	☐			96.67		P	23.9
6	☐			78.89		P	10.6
7	☐			113.34		P	8.8
8	☐			235.56		P	9.9

164 Er [No Gas] No available calibration points

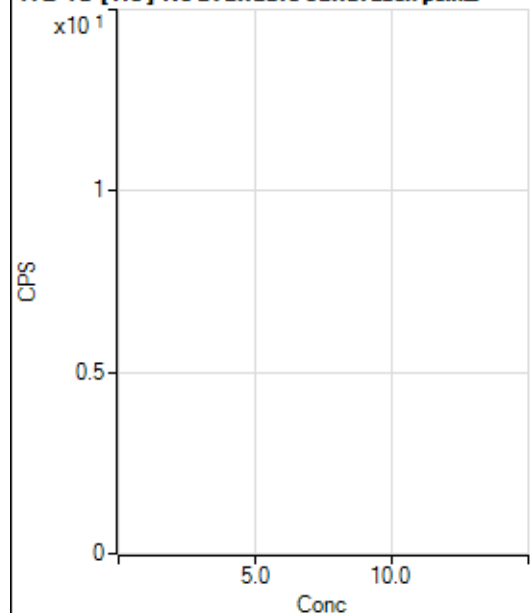
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	18.2
2	☐			86.11		P	20.1
3	☐			72.23		P	13.3
4	☐			80.56		P	47.8
5	☐			83.34		P	10.0
6	☐			86.11		P	29.6
7	☐			130.56		P	9.8
8	☐			133.34		P	27.2

164 Er [He] No available calibration points

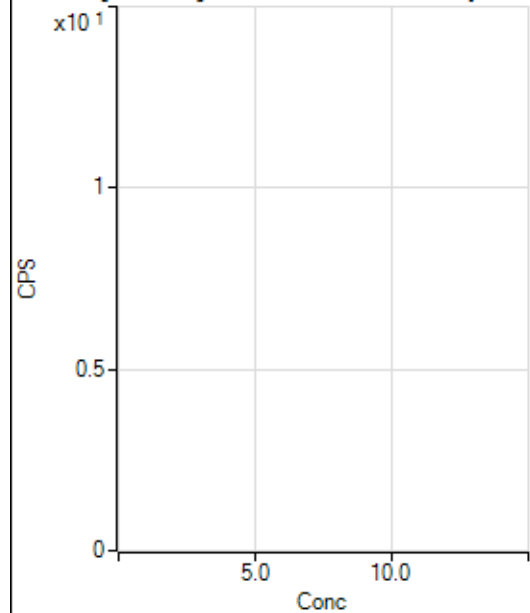
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	44.6
2	☐			14.45		P	74.2
3	☐			7.78		P	89.2
4	☐			13.34		P	43.3
5	☐			14.44		P	35.3
6	☐			6.67		P	50.0
7	☐			16.67		P	20.0
8	☐			21.11		P	24.1

172 Yb [No Gas] No available calibration points

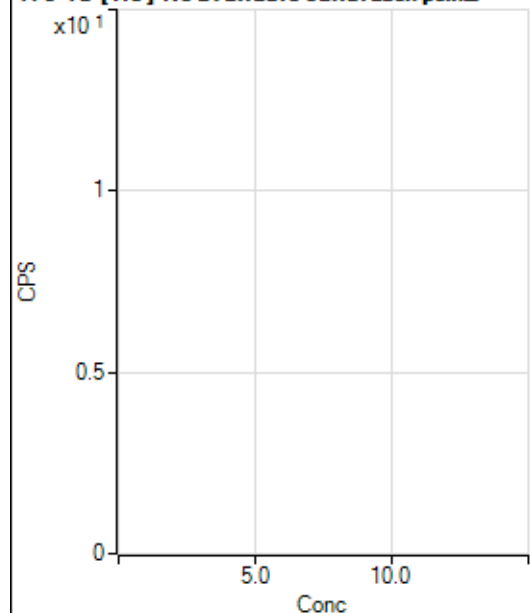
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.23		P	24.7
2	☐			102.78		P	36.6
3	☐			91.67		P	9.1
4	☐			69.45		P	18.3
5	☐			119.45		P	22.4
6	☐			91.67		P	56.8
7	☐			113.89		P	33.0
8	☐			227.79		P	20.1

172 Yb [He] No available calibration points

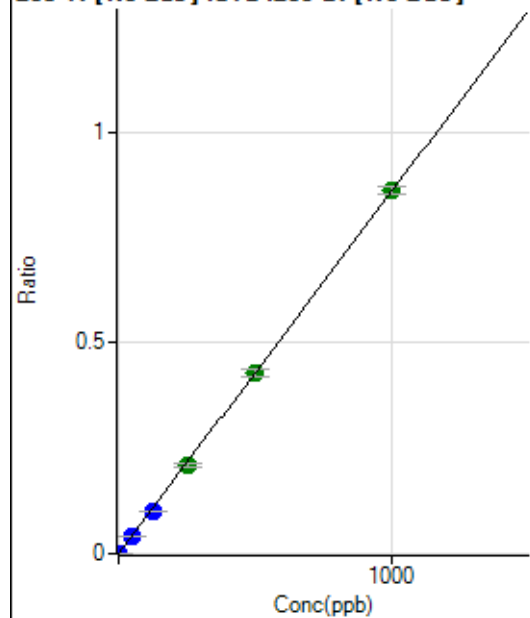
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	33.3
2	☐			24.08		P	70.5
3	☐			25.92		P	24.7
4	☐			24.07		P	35.2
5	☐			22.22		P	25.0
6	☐			20.37		P	56.8
7	☐			29.63		P	43.3
8	☐			72.22		P	26.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2961.54		P	5.2
2	☐			3086.56		P	8.4
3	☐			4220.24		P	4.8
4	☐			5495.76		P	0.7
5	☐			8083.25		P	3.4
6	☐			12322.72		P	1.3
7	☐			22611.54		P	1.8
8	☐			3067.11		P	3.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5669.85		P	6.8
2	☐			6131.16		P	3.9
3	☐			6284.94		P	7.4
4	☐			6640.70		P	1.7
5	☐			7337.36		P	1.7
6	☐			7978.46		P	4.3
7	☐			11221.60		P	2.3
8	☐			6166.38		P	2.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1027.85	0.0001	P	1.8
2	☐	1.000	0.921	9523.20	0.0009	P	3.1
3	☐	50.000	47.315	444051.22	0.0407	P	3.4
4	☐	125.000	116.062	1088990.20	0.0998	P	2.4
5	☐	250.000	245.241	2223240.53	0.2108	A	4.1
6	☐	500.000	500.918	4305046.45	0.4305	A	4.6
7	☐	1000.000	1001.982	8642265.91	0.8609	A	2.1
8	☐			3711.77	0.0004	P	17.1

$$y = 8.5913E-004 * x + 9.6182E-005$$

$$R = 1.0000$$

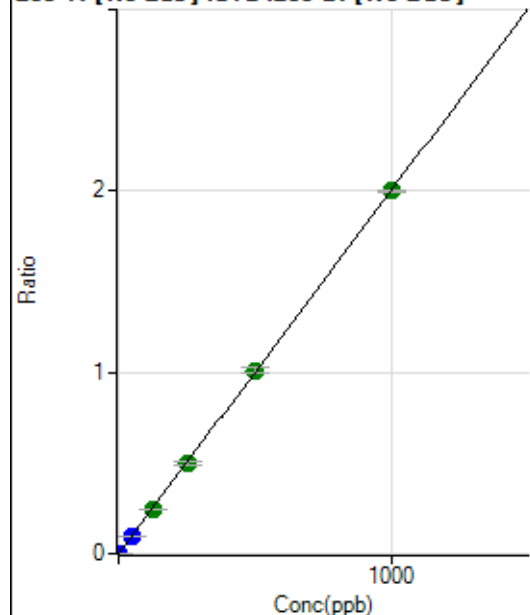
$$DL = 0.006136$$

$$BEC = 0.112$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2592.01	0.0002	P	1.6
2	☐	1.000	0.928	22531.38	0.0021	P	3.4
3	☐	50.000	48.040	1051752.50	0.0965	P	1.0
4	☐	125.000	122.959	2690999.02	0.2466	A	1.6
5	☐	250.000	249.231	5271339.83	0.4997	A	3.1
6	☐	500.000	505.107	10130515.94	1.0124	A	2.1
7	☐	1000.000	997.992	20078783.61	2.0000	A	0.6
8	☐			9139.73	0.0011	P	14.0

$$y = 0.0020 * x + 2.4251E-004$$

$$R = 1.0000$$

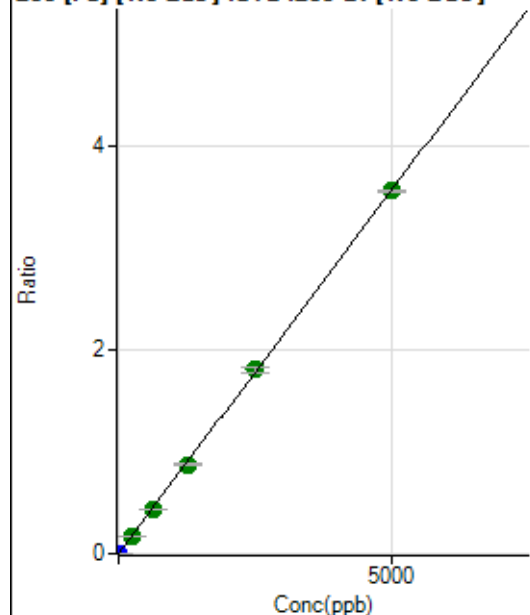
$$DL = 0.005685$$

$$BEC = 0.121$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	998.21	0.0001	P	4.0
2	☐	1.000	0.919	8032.27	0.0007	P	3.5
3	☐	250.000	249.943	1945799.20	0.1785	A	0.4
4	☐	625.000	614.997	4791930.66	0.4392	A	0.9
5	☐	1250.000	1227.702	9247821.62	0.8766	A	3.4
6	☐	2500.000	2528.151	18060676.79	1.8050	A	2.4
7	☐	5000.000	4992.752	35785188.53	3.5646	A	0.5
8	☐			8738.45	0.0010	P	20.4

$$y = 7.1393E-004 * x + 9.3300E-005$$

$$R = 1.0000$$

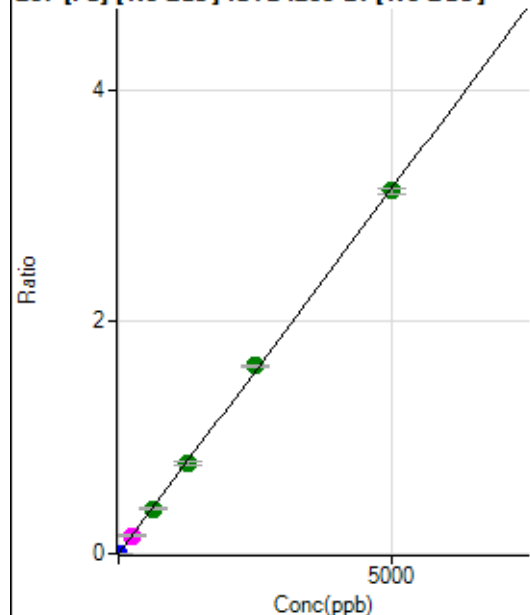
$$DL = 0.01549$$

$$BEC = 0.1307$$

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	938.94	0.0001	P	4.8
2	☐	1.000	0.903	7035.35	0.0007	P	4.8
3	☐	250.000	246.114	1688437.48	0.1550	M	4.0
4	☐	625.000	615.279	4225154.20	0.3872	A	1.5
5	☐	1250.000	1234.168	8194005.10	0.7767	A	3.7
6	☐	2500.000	2569.740	16185503.14	1.6171	A	1.8
7	☐	5000.000	4970.497	31397199.54	3.1277	A	1.6
8	☐			7344.96	0.0009	P	24.7

$$y = 6.2923E-004 * x + 8.7815E-005$$

$$R = 0.9998$$

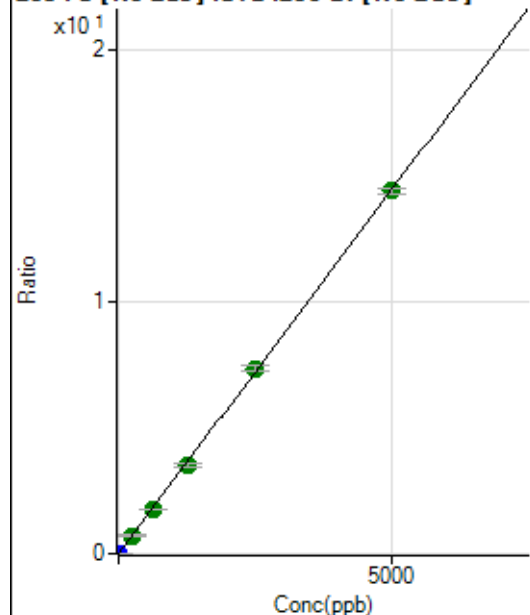
$$DL = 0.01989$$

$$BEC = 0.1396$$

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	4072.55	0.0004	P	3.7
2	☐	1.000	0.895	31780.52	0.0030	P	4.2
3	☐	250.000	250.166	7869364.20	0.7221	A	1.5
4	☐	625.000	609.771	19200660.21	1.7596	A	0.6
5	☐	1250.000	1219.012	37111379.25	3.5173	A	2.7
6	☐	2500.000	2541.668	73374385.44	7.3331	A	3.0
7	☐	5000.000	4988.808	144482779.6	14.3932	A	1.9
8	☐			34518.33	0.0041	P	22.1

$$y = 0.0029 * x + 3.8089E-004$$

$$R = 0.9999$$

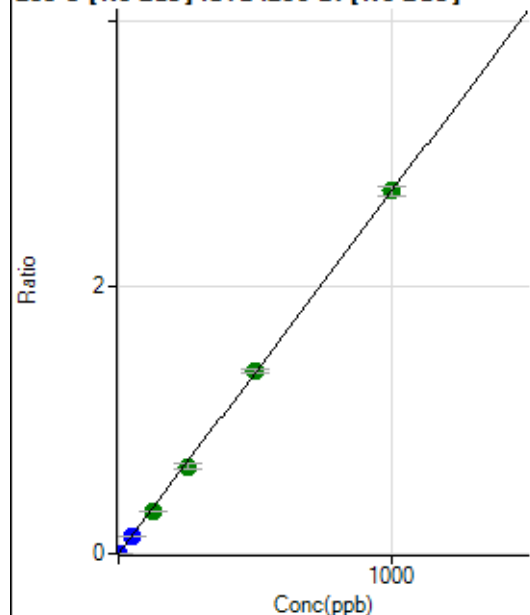
$$DL = 0.01464$$

$$BEC = 0.132$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	46.9
2	☐	1.000	0.896	26166.62	0.0024	P	4.0
3	☐	50.000	46.023	1363287.25	0.1251	P	1.2
4	☐	125.000	118.752	3521857.72	0.3227	A	0.6
5	☐	250.000	241.114	6911219.47	0.6553	A	5.4
6	☐	500.000	503.596	13695455.17	1.3686	A	2.1
7	☐	1000.000	1001.403	27319149.92	2.7215	A	2.5
8	☐			3989.77	0.0005	P	29.3

$$y = 0.0027 * x + 4.7116E-006$$

$$R = 0.9999$$

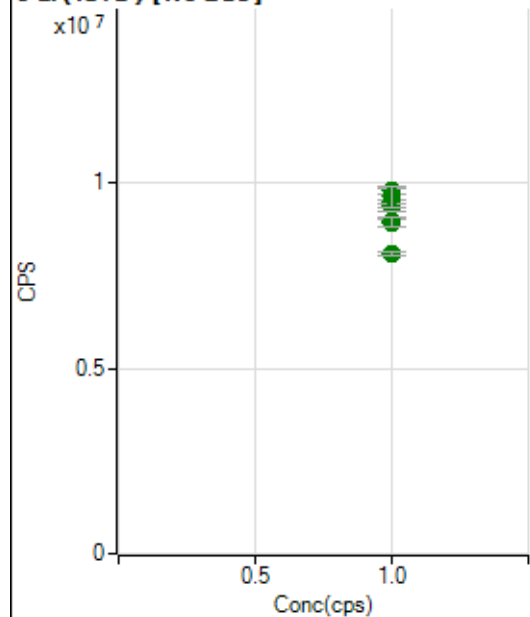
$$DL = 0.002438$$

$$BEC = 0.001734$$

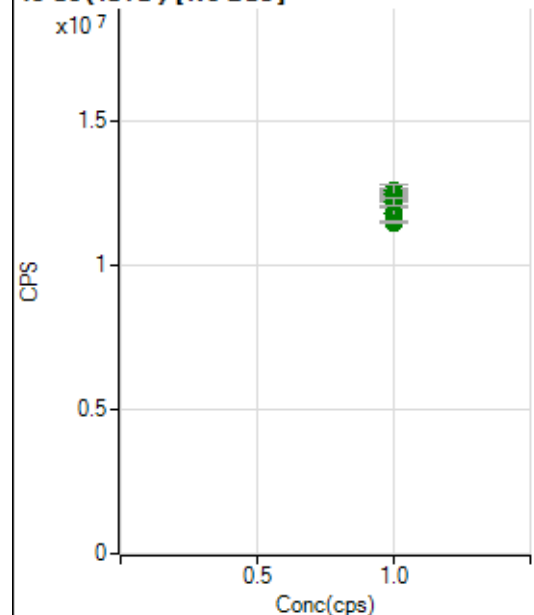
Weight: <None>

Min Conc: 0

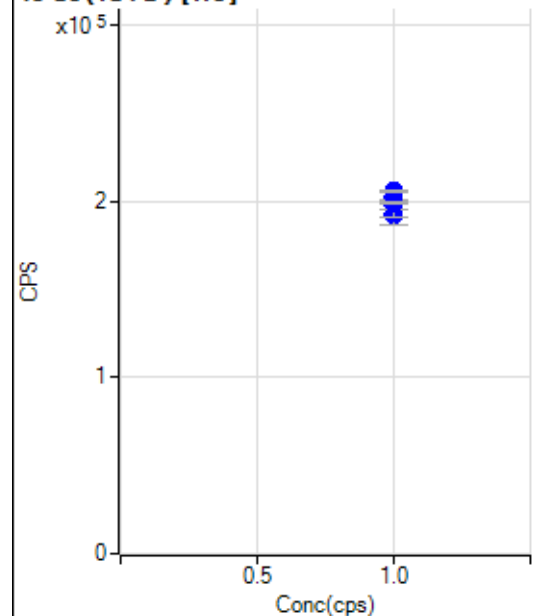
6 Li (ISTD) [No Gas]



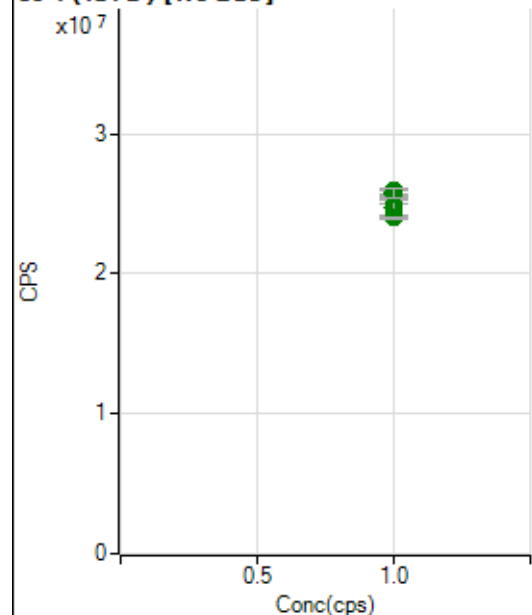
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9670205.72		A	4.8
2	☐	1.000		9397141.41		A	3.7
3	☐	1.000		9793198.78		A	1.4
4	☐	1.000		9506991.85		A	1.2
5	☐	1.000		9634930.23		A	5.8
6	☐	1.000		8943696.63		A	2.5
7	☐	1.000		8954620.48		A	3.4
8	☐	1.000		8092131.93		A	1.2

45 Sc (ISTD) [No Gas]

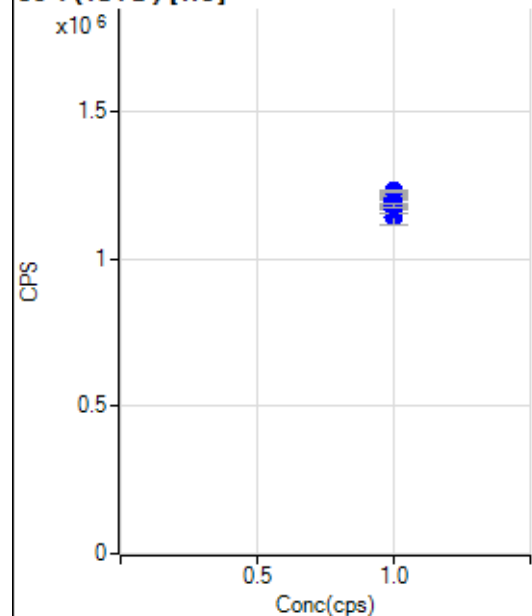
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12306682.31		A	1.9
2	☐	1.000		12483912.46		A	3.1
3	☐	1.000		12554151.76		A	1.2
4	☐	1.000		12596560.09		A	1.2
5	☐	1.000		12458266.48		A	5.9
6	☐	1.000		11791350.93		A	3.7
7	☐	1.000		12221664.82		A	1.9
8	☐	1.000		11515835.80		A	0.9

45 Sc (ISTD) [He]

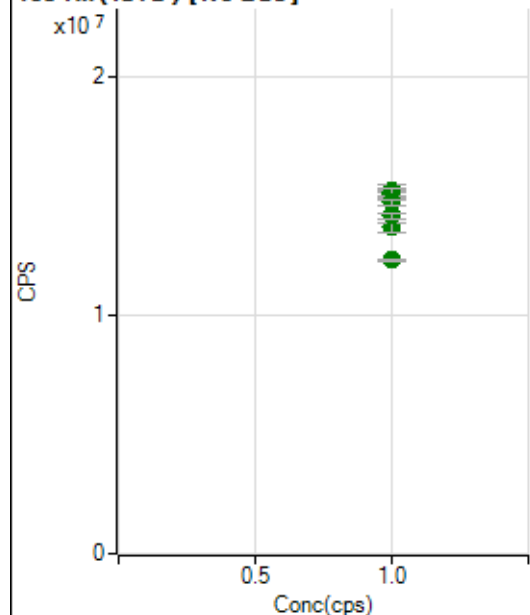
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		192676.62		P	6.0
2	☐	1.000		202587.57		P	2.6
3	☐	1.000		200983.20		P	0.4
4	☐	1.000		201971.23		P	3.3
5	☐	1.000		197922.77		P	2.8
6	☐	1.000		193300.45		P	2.2
7	☐	1.000		206019.73		P	0.7
8	☐	1.000		198906.39		P	0.4

89 Y (ISTD) [No Gas]

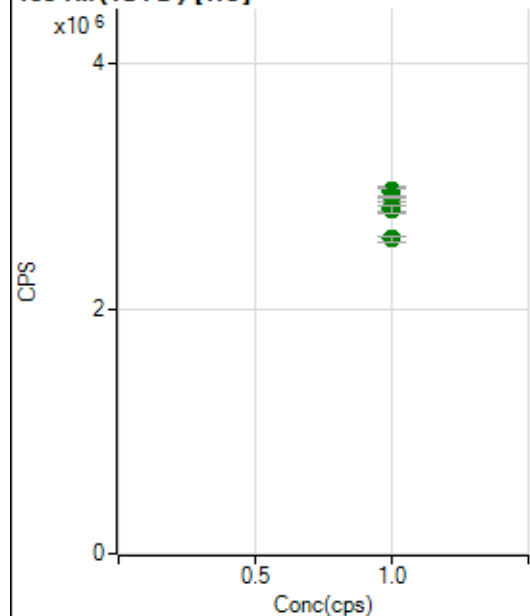
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		25467524.62		A	3.7
2	☐	1.000		25700512.67		A	2.9
3	☐	1.000		25928035.44		A	1.8
4	☐	1.000		25869067.11		A	0.8
5	☐	1.000		25854572.39		A	2.1
6	☐	1.000		24718900.47		A	4.6
7	☐	1.000		25761569.06		A	2.9
8	☐	1.000		23984195.20		A	1.0

89 Y (ISTD) [He]

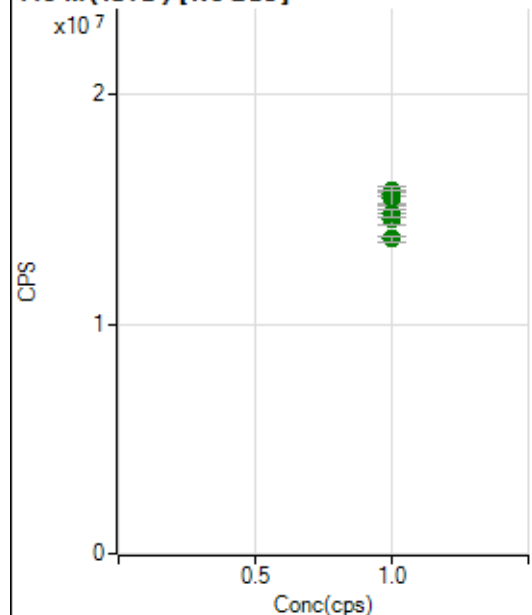
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1143660.21		P	4.5
2	☐	1.000		1194588.77		P	1.8
3	☐	1.000		1208767.32		P	1.9
4	☐	1.000		1200940.66		P	2.0
5	☐	1.000		1167894.97		P	2.8
6	☐	1.000		1167887.63		P	2.5
7	☐	1.000		1230146.36		P	0.5
8	☐	1.000		1181380.31		P	1.2

103 Rh (ISTD) [No Gas]

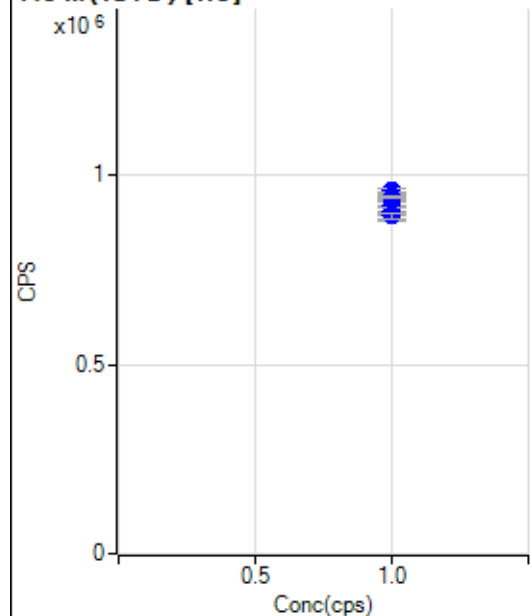
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15054901.38		A	1.7
2	☐	1.000		15225961.97		A	3.9
3	☐	1.000		15202644.61		A	0.3
4	☐	1.000		15140719.78		A	2.0
5	☐	1.000		14746424.63		A	1.9
6	☐	1.000		13697263.59		A	2.6
7	☐	1.000		14175534.52		A	1.6
8	☐	1.000		12309759.56		A	0.4

103 Rh (ISTD) [He]

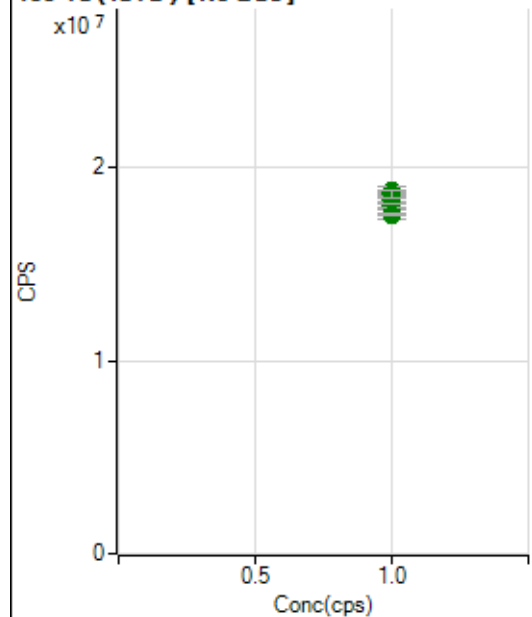
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2828832.58		A	3.4
2	☐	1.000		2954911.07		A	3.1
3	☐	1.000		2962769.82		A	2.8
4	☐	1.000		2947414.05		A	2.8
5	☐	1.000		2831977.16		A	2.9
6	☐	1.000		2814731.10		A	2.0
7	☐	1.000		2913756.14		A	0.6
8	☐	1.000		2568011.52		A	1.4

115 In (ISTD) [No Gas]

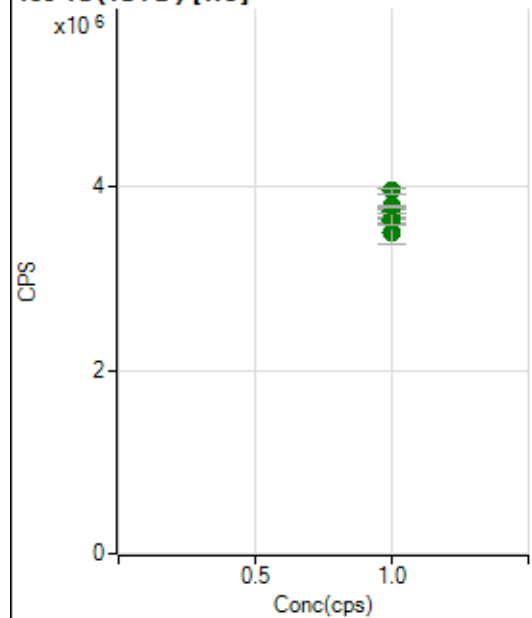
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15563797.16		A	0.4
2	☐	1.000		15494592.83		A	3.5
3	☐	1.000		15659236.31		A	1.0
4	☐	1.000		15793431.35		A	3.0
5	☐	1.000		15499031.94		A	4.6
6	☐	1.000		14576535.41		A	3.8
7	☐	1.000		14831143.92		A	1.9
8	☐	1.000		13706150.73		A	2.0

115 In (ISTD) [He]

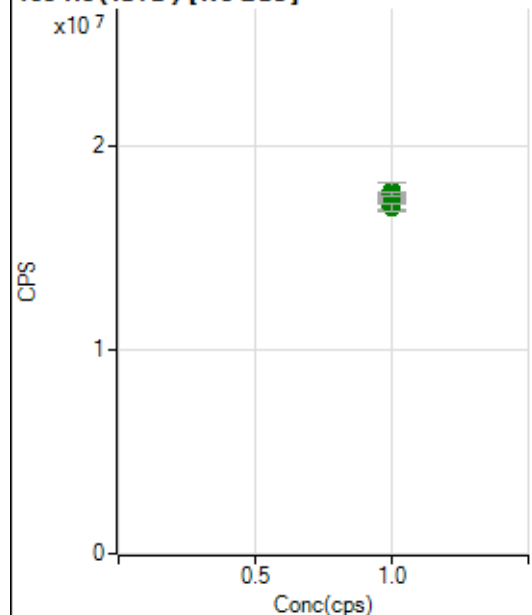
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		899926.19		P	5.0
2	☐	1.000		958739.75		P	1.7
3	☐	1.000		957902.90		P	1.8
4	☐	1.000		945231.20		P	2.1
5	☐	1.000		917703.25		P	2.5
6	☐	1.000		905111.26		P	1.9
7	☐	1.000		942269.85		P	0.5
8	☐	1.000		892831.91		P	1.8

159 Tb (ISTD) [No Gas]

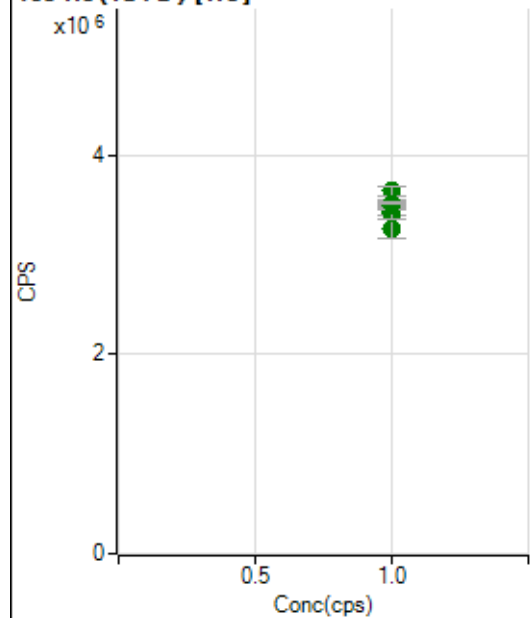
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18027546.26		A	1.9
2	☐	1.000		18267493.20		A	1.7
3	☐	1.000		18582985.97		A	0.7
4	☐	1.000		18781046.94		A	0.5
5	☐	1.000		18711079.86		A	3.4
6	☐	1.000		17601711.13		A	3.3
7	☐	1.000		18592777.78		A	2.1
8	☐	1.000		17566830.30		A	0.5

159 Tb (ISTD) [He]

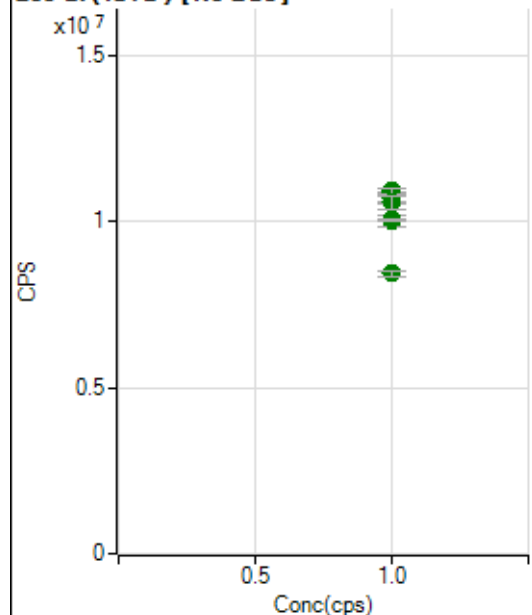
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3494113.21		A	6.3
2	☐	1.000		3629353.21		A	1.2
3	☐	1.000		3719549.84		A	2.2
4	☐	1.000		3755012.86		A	2.0
5	☐	1.000		3732031.85		A	1.5
6	☐	1.000		3658435.40		A	3.5
7	☐	1.000		3957328.59		A	1.7
8	☐	1.000		3789520.88		A	0.9

165 Ho (ISTD) [No Gas]

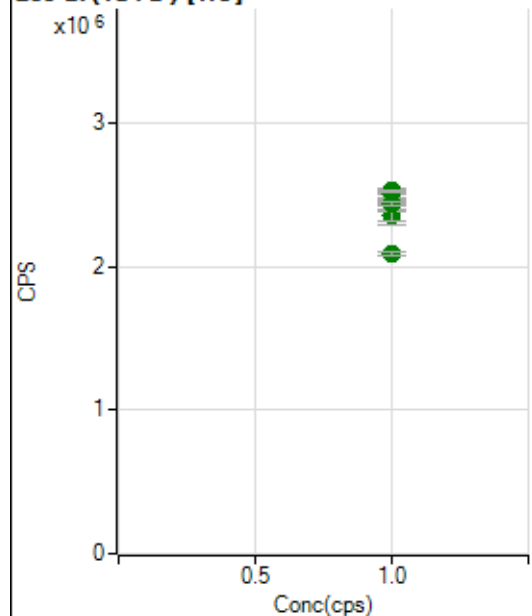
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16998762.71		A	2.1
2	☐	1.000		17098227.64		A	2.7
3	☐	1.000		17603106.82		A	2.1
4	☐	1.000		17542253.34		A	0.9
5	☐	1.000		17818044.15		A	4.8
6	☐	1.000		17224541.01		A	3.9
7	☐	1.000		17659962.89		A	0.7
8	☐	1.000		17016404.37		A	2.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3264154.92		A	5.7
2	☐	1.000		3437547.86		A	2.6
3	☐	1.000		3427136.09		A	2.1
4	☐	1.000		3509950.47		A	1.0
5	☐	1.000		3411151.93		A	3.0
6	☐	1.000		3498701.27		A	2.8
7	☐	1.000		3641831.58		A	2.6
8	☐	1.000		3522338.77		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10690439.22		A	3.0
2	☐	1.000		10729300.40		A	2.6
3	☐	1.000		10899051.85		A	1.3
4	☐	1.000		10912752.68		A	1.8
5	☐	1.000		10556930.05		A	3.4
6	☐	1.000		10010782.14		A	3.2
7	☐	1.000		10039558.18		A	1.0
8	☐	1.000		8415987.51		A	1.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2357817.83		A	6.2
2	☐	1.000		2515952.36		A	0.9
3	☐	1.000		2506964.75		A	2.4
4	☐	1.000		2525708.89		A	0.7
5	☐	1.000		2430208.39		A	2.5
6	☐	1.000		2353066.60		A	3.0
7	☐	1.000		2435740.54		A	1.3
8	☐	1.000		2089555.44		A	1.8

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8082622-MS1.b

Acq. Date-Time 2022-08-26 16:02:51

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		15721	157210.14			0.684	5.000
24		167646	1676460.07			2.634	5.000
25		22186	221860.72			0.717	5.000
26		25641	256405.20			0.698	5.000
59		86681	866807.79			0.618	5.000
113		4702	47022.96			0.879	5.000
115		108258	1082582.30			0.993	5.000
206		20317	203169.53			1.508	5.000
207		18155	181554.13			1.281	5.000
208		43405	434052.29			1.708	5.000
220		0	4.80			26.146	

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

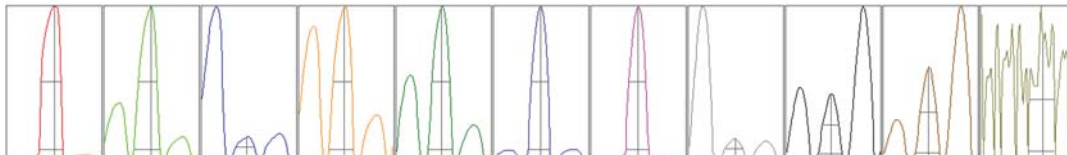
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	15574	15638	15783	15804	15805
24	163564	166387	167801	175048	165430
25	22077	22000	22414	22234	22205
26	25376	25869	25592	25693	25674
59	86101	86595	86368	86834	87506
113	4714	4719	4695	4747	4636
115	108413	108215	109822	106808	108034
206	19892	20145	20371	20499	20677
207	17967	18045	17961	18470	18334
208	42986	43169	42542	43978	44351

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	26598.19	9.05	8.90 - 9.10	
24	301855.51	24.00	23.90 - 24.10	
25	39388.91	24.95	24.90 - 25.10	
26	45611.84	25.95	25.90 - 26.10	
59	162415.33	58.95	58.90 - 59.10	
113	9479.08	113.00	112.90 - 113.10	
115	216232.71	115.00	114.90 - 115.10	
206	40672.94	206.00	205.90 - 206.10	
207	37074.70	206.95	206.90 - 207.10	
208	88245.32	207.95	207.90 - 208.10	
220	0.65	220.50	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.741	0.900	
24	0.59	0.822	0.900	
25	0.59	0.767	0.900	
26	0.61	0.781	0.900	
59	0.56	0.772	0.900	
113	0.52	0.690	0.900	
115	0.52	0.727	0.900	
206	0.52	0.741	0.900	
207	0.52	0.760	0.900	
208	0.52	0.770	0.900	
220	0.79	0.844		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 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	9.7 V	Deflect	15.6 V
Extract 2	-165.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-80 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	190 V		

QP Parameters

Mass Gain	125	Axis Gain	0.9995	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	-0.04		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	-0.7 mm

EM

Discriminator	4.5 mV	Analog HV	2302 V	Pulse HV	1638 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7866	78657.65			0.615	
89		12684	126836.47			0.790	
205		36404	364044.10			1.688	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7860	7874	7798	7934	7863
89	12693	12693	12561	12834	12637
205	35778	36308	35949	36671	37316

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 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	9.7 V	Deflect	3.8 V

US EPA Tune Check Report

Extract 2	-165.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-80 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	125	Axis Gain	0.9995	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	-0.04		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	-0.7 mm

EM

Discriminator	4.5 mV	Analog HV	2302 V	Pulse HV	1638 V

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 16:56:35	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	0.58	-0.16	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.09	0.07	0.02	0.00	N/A	ppb
Boron	11-1	-0.04	-0.05	0.09	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	0.09	-0.04	0.00	N/A	ppb
Cadmium	106-1	-0.71	1.17	-0.46	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.05	-0.02	0.00	N/A	ppb
Calcium	43-1	0.57	-0.26	-0.31	0.00	N/A	ppb
Calcium	44-1	0.48	-0.08	-0.40	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.04	0.06	-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	-0.36	0.91	-0.55	0.00	N/A	ppb
Iron	56-2	-0.02	-0.07	0.08	0.00	N/A	ppb
Iron	57-2	-0.17	0.87	-0.70	0.00	N/A	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 16:56:35	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.04	0.23	-0.19	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.02	0.00	N/A	ppb
Phosphorus	31-2	25.28	262.38	122.51	136.72	87.18	ppb
Potassium	39-2	-2.07	1.96	0.11	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.05	-0.08	0.13	0.00	N/A	ppb
Selenium	77-2	-0.33	-0.33	0.65	0.00	N/A	ppb
Selenium	78-2	0.76	-0.07	-0.69	0.00	N/A	ppb
Silicon	28-1	-0.85	1.17	-0.33	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-2.62	4.05	-1.43	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-196.75	206.22	158.04	55.84	394.13	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.07	0.06	0.01	0.00	N/A	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 16:56:35	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	-0.02	-0.03	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	0.01	-0.06	0.05	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	0.00	0.00	N/A	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 16:59:45	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.05	19.58	18.21	19.28	4.96	ppb
Antimony	121-1	2.08	2.03	1.98	2.03	2.32	ppb
Arsenic	75-2	1.09	0.87	1.16	1.04	14.37	ppb
Barium	135-1	9.86	9.97	9.62	9.81	1.83	ppb
Barium	137-1	9.79	10.09	9.60	9.83	2.55	ppb
Beryllium	9-1	1.14	1.12	1.03	1.10	5.69	ppb
Bismuth	209-1				100		%
Bismuth	209-2				107		%
Boron	10-1	22.63	23.92	22.86	23.13	2.97	ppb
Boron	11-1	23.92	25.58	24.91	24.81	3.36	ppb
Bromine	81-1						cps
Cadmium	111-1	1.23	0.92	1.23	1.13	15.92	ppb
Cadmium	106-1	2.82	-0.94	3.37	1.75	134.30	ppb
Cadmium	108-1	1.52	1.10	1.47	1.36	16.82	ppb
Calcium	43-1	493.23	473.98	457.28	474.83	3.79	ppb
Calcium	44-1	499.70	476.20	460.95	478.95	4.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	1.76	1.84	1.86	6.20	ppb
Cobalt	59-2	1.09	0.97	0.93	1.00	8.36	ppb
Copper	63-2	2.08	1.88	1.79	1.92	7.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				107		%
Iron	54-2	54.07	51.10	50.42	51.86	3.75	ppb
Iron	56-2	50.67	50.41	50.53	50.54	0.25	ppb
Iron	57-2	53.32	48.30	56.40	52.68	7.76	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 16:59:45	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.95	0.93	0.88	0.92	3.99	ppb
Lead	207-1	0.96	0.86	0.89	0.90	5.55	ppb
Lead	208-1	0.94	0.90	0.85	0.90	4.84	ppb
Lithium	6-1				97		%
Magnesium	24-2	566.61	527.35	536.02	543.33	3.80	ppb
Manganese	55-2	1.15	1.08	0.99	1.08	7.54	ppb
Molybdenum	94-1	5.94	5.61	5.91	5.82	3.15	ppb
Molybdenum	95-1	5.31	4.88	4.82	5.00	5.36	ppb
Molybdenum	96-1	5.39	4.99	4.90	5.09	5.15	ppb
Molybdenum	97-1	5.32	4.76	4.97	5.02	5.61	ppb
Molybdenum	98-1	5.26	4.74	5.07	5.02	5.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.08	1.06	1.06	2.48	ppb
Phosphorus	31-2	-47.10	-206.93	-156.14	-136.72		ppb
Potassium	39-2	491.34	480.25	455.29	475.63	3.88	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	5.46	5.49	5.22	5.39	2.70	ppb
Selenium	77-2	9.67	1.64	5.46	5.59	71.88	ppb
Selenium	78-2	4.35	3.88	4.72	4.32	9.77	ppb
Silicon	28-1	11.47	8.73	4.72	8.31	40.89	ppb
Silver	107-1	1.04	1.08	1.05	1.05	1.92	ppb
Silver	109-1	1.03	1.14	1.11	1.09	4.93	ppb
Sodium	23-2	509.25	478.86	470.72	486.28	4.18	ppb
Strontium	86-1	1.00	0.93	1.07	1.00	7.27	ppb
Strontium	88-1	1.03	0.97	0.98	0.99	3.50	ppb
Sulfur	34-1	224.02	-2.62	-388.91	-55.84		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.94	0.88	0.94	0.92	3.44	ppb
Thallium	205-1	0.97	0.91	0.90	0.93	3.80	ppb
Tin	118-1	5.01	4.76	4.90	4.89	2.54	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 16:59:45	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.37	5.35	4.89	5.20	5.22	ppb
Uranium	238-1	0.93	0.90	0.86	0.90	3.98	ppb
Vanadium	51-2	4.97	4.81	4.60	4.79	3.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	2.36	2.58	2.38	2.44	4.95	ppb
Zirconium	90-1	1.02	0.97	0.96	0.99	3.38	ppb
Zirconium	91-1	1.04	1.01	0.93	0.99	5.94	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:02:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1057.93	1038.34	1022.74	1039.67	1.70	ppb
Antimony	121-1	52.41	51.90	52.61	52.31	0.70	ppb
Arsenic	75-2	54.82	50.38	49.96	51.72	5.20	ppb
Barium	135-1	257.49	250.89	261.78	256.72	2.14	ppb
Barium	137-1	257.93	261.85	260.35	260.04	0.76	ppb
Beryllium	9-1	52.34	50.22	50.65	51.07	2.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	46.36	47.52	50.34	48.07	4.26	ppb
Boron	11-1	49.97	50.70	53.48	51.38	3.60	ppb
Bromine	81-1						cps
Cadmium	111-1	54.73	54.98	53.94	54.55	0.99	ppb
Cadmium	106-1	58.56	57.43	53.52	56.50	4.68	ppb
Cadmium	108-1	58.12	54.61	56.25	56.33	3.11	ppb
Calcium	43-1	5911.94	5975.03	6069.36	5985.44	1.32	ppb
Calcium	44-1	5590.54	5567.83	5642.43	5600.27	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.59	49.28	48.08	48.98	1.62	ppb
Cobalt	59-2	50.78	50.27	50.01	50.35	0.78	ppb
Copper	63-2	535.23	519.51	527.00	527.25	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				106		%
Iron	54-2	2808.47	2737.97	2765.75	2770.73	1.28	ppb
Iron	56-2	2904.12	2790.02	2765.71	2819.95	2.62	ppb
Iron	57-2	2774.92	2643.51	2592.51	2670.31	3.52	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:02:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	250.89	249.03	249.91	249.94	0.37	ppb
Lead	207-1	253.13	234.80	250.42	246.11	4.02	ppb
Lead	208-1	254.47	247.32	248.70	250.17	1.52	ppb
Lithium	6-1				101		%
Magnesium	24-2	5644.84	5630.87	5579.34	5618.35	0.61	ppb
Manganese	55-2	514.85	503.47	494.81	504.38	1.99	ppb
Molybdenum	94-1	533.40	506.20	519.45	519.68	2.62	ppb
Molybdenum	95-1	532.06	500.00	522.99	518.35	3.19	ppb
Molybdenum	96-1	530.61	501.35	534.33	522.10	3.46	ppb
Molybdenum	97-1	542.37	537.88	530.77	537.01	1.09	ppb
Molybdenum	98-1	525.95	515.09	518.98	520.01	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.75	52.88	52.73	53.45	2.10	ppb
Phosphorus	31-2	886.55	1027.10	989.50	967.72	7.52	ppb
Potassium	39-2	2567.24	2439.73	2500.91	2502.63	2.55	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	56.20	52.28	54.06	54.18	3.62	ppb
Selenium	77-2	68.02	48.42	54.60	57.01	17.58	ppb
Selenium	78-2	56.63	49.95	48.90	51.83	8.09	ppb
Silicon	28-1	52.34	57.37	60.22	56.65	7.04	ppb
Silver	107-1	55.95	53.94	55.10	55.00	1.84	ppb
Silver	109-1	56.10	55.96	55.56	55.87	0.50	ppb
Sodium	23-2	5560.60	5395.25	5387.56	5447.80	1.79	ppb
Strontium	86-1	1327.85	1274.58	1342.57	1315.00	2.72	ppb
Strontium	88-1	1308.14	1242.57	1294.67	1281.80	2.70	ppb
Sulfur	34-1	1047.39	1227.25	1328.28	1200.97	11.85	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	48.08	48.39	45.47	47.32	3.40	ppb
Thallium	205-1	48.48	48.14	47.50	48.04	1.03	ppb
Tin	118-1	52.26	51.55	52.24	52.01	0.78	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:02:56	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	525.52	527.38	510.35	521.08	1.79	ppb
Uranium	238-1	46.07	46.55	45.45	46.02	1.20	ppb
Vanadium	51-2	50.78	50.18	48.10	49.69	2.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	539.31	528.85	536.73	534.97	1.02	ppb
Zirconium	90-1	51.40	49.70	51.59	50.90	2.05	ppb
Zirconium	91-1	51.67	49.48	52.06	51.07	2.72	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:06:03	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2540.09	2645.17	2529.51	2571.59	2.49	ppb
Antimony	121-1	125.10	124.71	127.32	125.71	1.12	ppb
Arsenic	75-2	127.46	132.83	124.90	128.40	3.15	ppb
Barium	135-1	632.40	631.76	641.61	635.25	0.87	ppb
Barium	137-1	626.39	629.90	635.47	630.59	0.73	ppb
Beryllium	9-1	128.35	127.89	129.10	128.44	0.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Boron	10-1	117.61	123.25	131.22	124.03	5.51	ppb
Boron	11-1	121.93	133.95	138.19	131.36	6.42	ppb
Bromine	81-1						cps
Cadmium	111-1	130.28	133.73	131.51	131.84	1.33	ppb
Cadmium	106-1	130.76	126.58	134.88	130.74	3.18	ppb
Cadmium	108-1	131.14	128.08	126.78	128.67	1.74	ppb
Calcium	43-1	14313.21	14012.56	14710.78	14345.51	2.44	ppb
Calcium	44-1	13893.14	13318.55	14061.80	13757.83	2.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.56	127.00	120.04	122.20	3.41	ppb
Cobalt	59-2	120.68	125.02	119.94	121.88	2.25	ppb
Copper	63-2	1320.82	1369.96	1361.30	1350.70	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	54-2	6647.81	7058.17	6750.78	6818.92	3.13	ppb
Iron	56-2	6797.74	7027.74	6770.80	6865.43	2.06	ppb
Iron	57-2	6401.77	6577.53	6336.70	6438.67	1.93	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:06:03	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	608.89	618.46	617.64	615.00	0.86	ppb
Lead	207-1	604.94	620.09	620.82	615.28	1.46	ppb
Lead	208-1	605.61	613.21	610.50	609.77	0.63	ppb
Lithium	6-1				98		%
Magnesium	24-2	14091.66	14143.26	14027.60	14087.51	0.41	ppb
Manganese	55-2	1209.39	1274.31	1228.47	1237.39	2.70	ppb
Molybdenum	94-1	1248.15	1234.82	1250.28	1244.42	0.67	ppb
Molybdenum	95-1	1295.00	1258.80	1256.23	1270.01	1.71	ppb
Molybdenum	96-1	1293.19	1250.23	1260.17	1267.86	1.77	ppb
Molybdenum	97-1	1290.13	1242.95	1272.40	1268.49	1.88	ppb
Molybdenum	98-1	1236.97	1245.77	1257.53	1246.76	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.60	133.99	131.49	131.69	1.67	ppb
Phosphorus	31-2	2336.67	2705.51	2243.15	2428.45	10.07	ppb
Potassium	39-2	6249.68	6327.23	6149.89	6242.26	1.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	134.02	132.84	130.47	132.44	1.36	ppb
Selenium	77-2	126.30	136.39	123.09	128.60	5.39	ppb
Selenium	78-2	130.22	130.81	130.03	130.35	0.31	ppb
Silicon	28-1	133.72	131.65	134.34	133.24	1.06	ppb
Silver	107-1	136.45	135.19	135.51	135.72	0.48	ppb
Silver	109-1	134.31	138.13	134.65	135.70	1.56	ppb
Sodium	23-2	13107.83	13309.86	13024.67	13147.46	1.12	ppb
Strontium	86-1	3174.26	3073.77	3133.07	3127.03	1.62	ppb
Strontium	88-1	3168.41	3038.12	3079.46	3095.33	2.15	ppb
Sulfur	34-1	3122.82	2628.27	2987.11	2912.73	8.77	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	113.55	119.03	115.60	116.06	2.38	ppb
Thallium	205-1	120.91	124.81	123.16	122.96	1.59	ppb
Tin	118-1	123.75	127.54	127.87	126.39	1.81	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:06:03	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1309.46	1232.91	1319.61	1287.33	3.68	ppb
Uranium	238-1	118.48	118.15	119.62	118.75	0.65	ppb
Vanadium	51-2	122.81	127.08	122.37	124.09	2.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	1287.25	1334.26	1305.79	1309.10	1.81	ppb
Zirconium	90-1	129.85	126.96	127.25	128.02	1.24	ppb
Zirconium	91-1	124.62	122.42	125.77	124.27	1.37	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:09:12	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5444.20	5052.39	5103.66	5200.08	4.10	ppb
Antimony	121-1	261.91	259.22	239.10	253.41	4.92	ppb
Arsenic	75-2	272.66	251.58	258.20	260.82	4.13	ppb
Barium	135-1	1298.61	1260.87	1154.76	1238.08	6.02	ppb
Barium	137-1	1315.46	1242.95	1184.87	1247.76	5.24	ppb
Beryllium	9-1	266.29	240.98	247.58	251.62	5.22	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	246.16	238.42	238.19	240.92	1.88	ppb
Boron	11-1	257.72	257.19	256.78	257.23	0.18	ppb
Bromine	81-1						cps
Cadmium	111-1	263.41	254.63	249.13	255.73	2.82	ppb
Cadmium	106-1	273.04	254.08	254.28	260.47	4.18	ppb
Cadmium	108-1	269.73	261.65	255.54	262.31	2.71	ppb
Calcium	43-1	31769.50	27531.95	29385.92	29562.46	7.19	ppb
Calcium	44-1	29248.10	26128.65	25812.32	27063.02	7.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258.17	237.58	234.63	243.46	5.27	ppb
Cobalt	59-2	267.44	237.39	239.80	248.21	6.73	ppb
Copper	63-2	2743.70	2510.89	2615.09	2623.23	4.45	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				105		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	14274.21	13418.27	13441.86	13711.44	3.56	ppb
Iron	56-2	14522.22	13763.11	13714.54	13999.96	3.24	ppb
Iron	57-2	13871.02	12892.74	12930.09	13231.28	4.19	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:09:12	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1268.40	1185.21	1229.49	1227.70	3.39	ppb
Lead	207-1	1272.29	1183.81	1246.41	1234.17	3.69	ppb
Lead	208-1	1251.55	1185.38	1220.11	1219.01	2.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	29216.18	27439.87	27394.18	28016.74	3.71	ppb
Manganese	55-2	2691.73	2589.55	2578.51	2619.93	2.38	ppb
Molybdenum	94-1	2495.40	2475.39	2407.17	2459.32	1.88	ppb
Molybdenum	95-1	2507.99	2482.49	2430.27	2473.59	1.60	ppb
Molybdenum	96-1	2488.69	2500.44	2444.59	2477.91	1.19	ppb
Molybdenum	97-1	2457.32	2503.38	2433.05	2464.58	1.45	ppb
Molybdenum	98-1	2472.67	2480.28	2432.69	2461.88	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	276.71	250.23	256.82	261.25	5.28	ppb
Phosphorus	31-2	5290.27	5083.47	5029.57	5134.44	2.68	ppb
Potassium	39-2	13211.67	12560.38	12367.17	12713.08	3.48	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	268.11	262.15	249.05	259.77	3.75	ppb
Selenium	77-2	280.23	268.37	292.01	280.20	4.22	ppb
Selenium	78-2	276.54	247.02	254.22	259.26	5.94	ppb
Silicon	28-1	284.91	247.84	250.42	261.06	7.93	ppb
Silver	107-1	267.70	265.17	254.66	262.51	2.63	ppb
Silver	109-1	271.45	264.17	258.48	264.70	2.46	ppb
Sodium	23-2	27606.74	25635.17	25389.28	26210.40	4.64	ppb
Strontium	86-1	6432.42	6201.48	6077.54	6237.15	2.89	ppb
Strontium	88-1	6429.59	6102.94	6074.38	6202.30	3.18	ppb
Sulfur	34-1	7231.60	5719.94	5351.54	6101.03	16.33	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	256.96	239.81	238.95	245.24	4.14	ppb
Thallium	205-1	257.52	242.34	247.84	249.23	3.08	ppb
Tin	118-1	266.32	246.80	231.83	248.32	6.96	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:09:12	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2683.43	2380.67	2414.67	2492.92	6.65	ppb
Uranium	238-1	252.29	226.68	244.38	241.11	5.44	ppb
Vanadium	51-2	258.53	239.64	245.34	247.84	3.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	2733.76	2498.72	2547.99	2593.49	4.78	ppb
Zirconium	90-1	254.84	246.37	246.42	249.21	1.96	ppb
Zirconium	91-1	251.56	244.14	234.93	243.54	3.42	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:12:19	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10631.25	10330.26	9864.54	10275.35	3.76	ppb
Antimony	121-1	538.51	516.81	538.25	531.19	2.34	ppb
Arsenic	75-2	533.32	506.48	484.91	508.24	4.77	ppb
Barium	135-1	2614.19	2442.60	2646.41	2567.73	4.27	ppb
Barium	137-1	2629.14	2480.97	2648.26	2586.12	3.54	ppb
Beryllium	9-1	538.95	519.84	509.36	522.72	2.87	ppb
Bismuth	209-1				94		%
Bismuth	209-2				100		%
Boron	10-1	474.16	492.74	529.27	498.72	5.62	ppb
Boron	11-1	514.61	486.97	525.01	508.86	3.86	ppb
Bromine	81-1						cps
Cadmium	111-1	534.12	507.82	548.54	530.16	3.89	ppb
Cadmium	106-1	543.27	503.78	532.31	526.46	3.87	ppb
Cadmium	108-1	538.63	506.08	550.53	531.75	4.33	ppb
Calcium	43-1	64038.45	59860.58	61868.60	61922.54	3.37	ppb
Calcium	44-1	56551.96	54884.04	55771.00	55735.67	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.41	487.96	470.33	481.57	2.03	ppb
Cobalt	59-2	505.13	497.82	470.60	491.18	3.70	ppb
Copper	63-2	5218.17	5317.60	4986.14	5173.97	3.29	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				101		%
Holmium	165-2				107		%
Indium	115-1				94		%
Indium	115-2				101		%
Iron	54-2	28684.36	28429.24	26870.48	27994.69	3.51	ppb
Iron	56-2	28608.96	27122.33	26335.96	27355.75	4.22	ppb
Iron	57-2	27205.02	26607.60	24980.30	26264.30	4.38	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:12:19	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2577.42	2459.15	2547.88	2528.15	2.43	ppb
Lead	207-1	2565.40	2526.71	2617.12	2569.74	1.77	ppb
Lead	208-1	2574.97	2454.85	2595.18	2541.67	2.98	ppb
Lithium	6-1				92		%
Magnesium	24-2	57375.23	56573.53	54004.11	55984.29	3.15	ppb
Manganese	55-2	5264.24	5157.21	4847.26	5089.57	4.25	ppb
Molybdenum	94-1	5228.48	4915.81	4910.22	5018.17	3.63	ppb
Molybdenum	95-1	5359.84	4950.70	4804.97	5038.50	5.71	ppb
Molybdenum	96-1	5446.71	4997.51	4974.85	5139.69	5.18	ppb
Molybdenum	97-1	5298.02	5020.10	5022.98	5113.70	3.12	ppb
Molybdenum	98-1	5364.78	4981.86	4958.64	5101.76	4.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.69	514.45	491.06	509.73	3.30	ppb
Phosphorus	31-2	10794.78	10343.50	9371.47	10169.92	7.15	ppb
Potassium	39-2	26107.10	26351.63	24793.83	25750.85	3.25	ppb
Rhodium	103-1				91		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	554.50	509.25	514.00	525.92	4.73	ppb
Selenium	77-2	568.59	545.99	478.77	531.12	8.80	ppb
Selenium	78-2	537.21	500.97	484.64	507.61	5.30	ppb
Silicon	28-1	564.89	536.87	524.96	542.24	3.78	ppb
Silver	107-1	542.82	507.35	530.27	526.81	3.41	ppb
Silver	109-1	529.68	521.73	544.54	531.99	2.18	ppb
Sodium	23-2	54213.36	51982.28	50547.29	52247.65	3.54	ppb
Strontium	86-1	13552.03	12574.37	12413.29	12846.56	4.80	ppb
Strontium	88-1	13457.39	12853.35	12317.59	12876.11	4.43	ppb
Sulfur	34-1	11138.52	10029.08	9795.15	10320.92	6.95	ppb
Terbium	159-1				98		%
Terbium	159-2				105		%
Thallium	203-1	521.39	476.09	505.26	500.92	4.58	ppb
Thallium	205-1	517.18	497.25	500.89	505.11	2.10	ppb
Tin	118-1	531.13	511.36	531.09	524.53	2.17	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:12:19	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5314.01	5125.64	5083.23	5174.29	2.37	ppb
Uranium	238-1	511.76	491.88	507.15	503.60	2.07	ppb
Vanadium	51-2	514.84	505.49	479.84	500.06	3.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	5239.77	5163.73	4918.01	5107.17	3.29	ppb
Zirconium	90-1	533.97	499.49	502.55	512.00	3.73	ppb
Zirconium	91-1	542.60	500.42	501.96	514.99	4.64	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:15:27	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21214.02	21614.95	21243.03	21357.33	1.05	ppb
Antimony	121-1	963.88	988.25	997.92	983.35	1.78	ppb
Arsenic	75-2	1005.54	993.20	979.27	992.67	1.32	ppb
Barium	135-1	4709.28	5093.70	5099.51	4967.50	4.50	ppb
Barium	137-1	4768.24	5138.24	4962.42	4956.30	3.73	ppb
Beryllium	9-1	960.15	1010.74	992.37	987.75	2.59	ppb
Bismuth	209-1				94		%
Bismuth	209-2				103		%
Boron	10-1	945.72	1031.38	1032.42	1003.17	4.96	ppb
Boron	11-1	904.23	1021.16	1053.31	992.90	7.90	ppb
Bromine	81-1						cps
Cadmium	111-1	957.93	990.12	999.16	982.41	2.21	ppb
Cadmium	106-1	952.33	998.26	998.75	983.11	2.71	ppb
Cadmium	108-1	962.72	984.90	993.20	980.27	1.61	ppb
Calcium	43-1	113530.29	121734.51	119238.65	118167.81	3.56	ppb
Calcium	44-1	107180.74	110997.90	111901.92	110026.85	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1037.25	1011.44	985.07	1011.25	2.58	ppb
Cobalt	59-2	1007.68	1024.38	983.63	1005.23	2.04	ppb
Copper	63-2	9775.02	9993.84	9835.92	9868.26	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				112		%
Indium	115-1				95		%
Indium	115-2				105		%
Iron	54-2	55990.07	55648.50	54195.28	55277.95	1.72	ppb
Iron	56-2	55075.70	54180.56	52314.05	53856.77	2.62	ppb
Iron	57-2	55075.13	54671.02	52058.44	53934.86	3.04	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:15:27	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4962.84	5016.45	4998.97	4992.75	0.55	ppb
Lead	207-1	4887.47	5044.20	4979.83	4970.50	1.58	ppb
Lead	208-1	4890.65	5074.52	5001.26	4988.81	1.86	ppb
Lithium	6-1				93		%
Magnesium	24-2	107914.11	108613.51	107569.07	108032.23	0.49	ppb
Manganese	55-2	10019.70	9921.45	9838.62	9926.59	0.91	ppb
Molybdenum	94-1	9421.79	10308.31	10272.29	10000.80	5.02	ppb
Molybdenum	95-1	9395.87	10156.13	10399.80	9983.93	5.24	ppb
Molybdenum	96-1	9526.99	10073.04	10196.99	9932.34	3.59	ppb
Molybdenum	97-1	9620.56	10209.95	10013.03	9947.84	3.02	ppb
Molybdenum	98-1	9566.18	10067.84	10240.15	9958.06	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.21	1004.20	977.53	991.31	1.35	ppb
Phosphorus	31-2	19829.01	19802.98	20043.98	19891.99	0.66	ppb
Potassium	39-2	50495.42	50682.42	49270.85	50149.56	1.53	ppb
Rhodium	103-1				94		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				107		%
Selenium	82-1	940.13	996.08	1014.17	983.46	3.93	ppb
Selenium	77-2	994.35	1023.99	909.92	976.09	6.06	ppb
Selenium	78-2	995.93	1010.48	972.97	993.13	1.90	ppb
Silicon	28-1	946.59	983.33	994.39	974.77	2.57	ppb
Silver	107-1	967.40	991.86	986.37	981.88	1.31	ppb
Silver	109-1	947.41	998.42	990.27	978.70	2.80	ppb
Sodium	23-2	105213.36	103801.74	103590.48	104201.86	0.85	ppb
Strontium	86-1	24362.11	24675.01	25400.16	24812.43	2.15	ppb
Strontium	88-1	23905.67	24662.07	25865.73	24811.16	3.98	ppb
Sulfur	34-1	18943.13	19081.11	20483.68	19502.64	4.37	ppb
Terbium	159-1				103		%
Terbium	159-2				113		%
Thallium	203-1	978.13	1013.59	1014.23	1001.98	2.06	ppb
Thallium	205-1	991.40	1000.75	1001.83	997.99	0.57	ppb
Tin	118-1	963.40	996.20	1004.05	987.88	2.18	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:15:27	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9795.50	10128.07	9803.14	9908.90	1.92	ppb
Uranium	238-1	972.48	1011.93	1019.81	1001.40	2.53	ppb
Vanadium	51-2	1010.81	1003.34	987.78	1000.64	1.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				108		%
Zinc	66-2	10139.71	10188.01	9414.01	9913.91	4.37	ppb
Zirconium	90-1	956.99	1023.58	1000.75	993.77	3.41	ppb
Zirconium	91-1	939.47	1021.04	1021.96	994.16	4.76	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:18:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100298.10	99961.86	98806.47	99688.81	0.78	ppb
Antimony	121-1	1.04	1.19	1.23	1.15	8.28	ppb
Arsenic	75-2	0.74	0.67	0.95	0.79	18.25	ppb
Barium	135-1	2.59	3.05	2.78	2.80	8.25	ppb
Barium	137-1	2.52	3.05	2.69	2.75	9.80	ppb
Beryllium	9-1	0.15	0.25	0.18	0.20	25.32	ppb
Bismuth	209-1				79		%
Bismuth	209-2				89		%
Boron	10-1	110.88	102.68	92.41	101.99	9.07	ppb
Boron	11-1	116.49	105.74	101.88	108.04	7.01	ppb
Bromine	81-1						cps
Cadmium	111-1	0.17	0.40	0.10	0.22	70.53	ppb
Cadmium	106-1	0.52	2.61	0.17	1.10	119.97	ppb
Cadmium	108-1	0.98	1.17	1.44	1.20	19.52	ppb
Calcium	43-1	507876.34	480550.50	496243.44	494890.09	2.77	ppb
Calcium	44-1	505829.27	489921.78	496090.40	497280.48	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.14	1.91	2.29	2.11	9.06	ppb
Cobalt	59-2	1.66	1.57	1.77	1.67	5.94	ppb
Copper	63-2	1.81	1.79	2.79	2.13	26.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				108		%
Indium	115-1				88		%
Indium	115-2				99		%
Iron	54-2	254032.84	245183.79	246485.68	248567.44	1.92	ppb
Iron	56-2	249756.77	248163.48	248778.22	248899.49	0.32	ppb
Iron	57-2	251188.45	245888.32	250054.06	249043.61	1.12	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:18:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.06	1.64	1.26	1.32	22.38	ppb
Lead	207-1	0.95	1.62	1.17	1.25	27.45	ppb
Lead	208-1	1.02	1.63	1.21	1.29	24.36	ppb
Lithium	6-1				84		%
Magnesium	24-2	505034.64	494635.14	493125.33	497598.37	1.30	ppb
Manganese	55-2	5.38	5.07	6.60	5.68	14.19	ppb
Molybdenum	94-1	4.32	5.13	4.34	4.60	10.11	ppb
Molybdenum	95-1	3.45	4.24	3.37	3.69	13.08	ppb
Molybdenum	96-1	9.06	9.60	9.40	9.36	2.90	ppb
Molybdenum	97-1	3.65	4.64	3.61	3.97	14.64	ppb
Molybdenum	98-1	3.37	4.32	3.44	3.71	14.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.14	2.79	3.01	2.98	5.98	ppb
Phosphorus	31-2	-253.11	-179.81	-146.92	-193.28		ppb
Potassium	39-2	250062.52	245520.97	254070.21	249884.56	1.71	ppb
Rhodium	103-1				82		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				103		%
Selenium	82-1	1.37	1.50	1.53	1.47	6.07	ppb
Selenium	77-2	0.66	0.68	-0.33	0.34	170.23	ppb
Selenium	78-2	0.48	0.16	-0.16	0.16	205.78	ppb
Silicon	28-1	416.37	443.12	446.07	435.19	3.76	ppb
Silver	107-1	0.34	0.36	0.34	0.35	4.69	ppb
Silver	109-1	0.34	0.40	0.34	0.36	9.60	ppb
Sodium	23-2	505458.74	484033.74	507068.59	498853.69	2.58	ppb
Strontium	86-1	8.48	11.47	9.69	9.88	15.23	ppb
Strontium	88-1	8.38	10.71	9.07	9.39	12.79	ppb
Sulfur	34-1	-956.54	-1057.73	-1066.61	-1026.96		ppb
Terbium	159-1				97		%
Terbium	159-2				108		%
Thallium	203-1	0.34	0.50	0.36	0.40	21.86	ppb
Thallium	205-1	0.34	0.50	0.42	0.42	17.98	ppb
Tin	118-1	0.96	0.90	0.83	0.90	7.41	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:18:34	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.53	2.68	2.10	2.10	27.25	ppb
Uranium	238-1	0.12	0.22	0.17	0.17	29.56	ppb
Vanadium	51-2	0.22	0.23	0.36	0.27	27.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				103		%
Zinc	66-2	8.59	8.34	8.61	8.51	1.73	ppb
Zirconium	90-1	0.49	0.63	0.56	0.56	11.94	ppb
Zirconium	91-1	0.45	0.63	0.56	0.55	16.90	ppb

LB Number : LB121774 Operator : Jaswal
 Lab Sample ID : ICV03 Instrumnet Name : P8
 Client Sample ID : ICV03 Dilution Factor : 1
 Date & Time Acquired : 2022-08-26 17:31:26 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	489.35	515.16	503.97	502.83	2.57	ppb
Antimony	121-1	204.67	210.70	213.49	209.62	2.15	ppb
Arsenic	75-2	199.15	211.34	203.64	204.71	3.01	ppb
Barium	135-1	94.92	96.43	96.96	96.10	1.10	ppb
Barium	137-1	95.80	98.73	97.23	97.25	1.51	ppb
Beryllium	9-1	99.56	102.12	101.87	101.18	1.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				109		%
Boron	10-1	27.23	26.75	27.14	27.04	0.95	ppb
Boron	11-1	27.49	29.25	28.66	28.47	3.14	ppb
Bromine	81-1						cps
Cadmium	111-1	103.26	105.90	105.60	104.92	1.38	ppb
Cadmium	106-1	78.52	82.16	80.66	80.44	2.27	ppb
Cadmium	108-1	86.83	90.11	91.93	89.62	2.88	ppb
Calcium	43-1	1798.26	1848.75	1799.30	1815.44	1.59	ppb
Calcium	44-1	1847.67	1902.58	1921.60	1890.62	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.95	99.11	95.14	96.73	2.17	ppb
Cobalt	59-2	96.24	100.95	96.41	97.87	2.73	ppb
Copper	63-2	98.99	100.93	96.92	98.95	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				110		%
Indium	115-1				101		%
Indium	115-2				111		%
Iron	54-2	2065.41	2202.69	2082.97	2117.03	3.53	ppb
Iron	56-2	2123.91	2262.04	2083.81	2156.59	4.34	ppb
Iron	57-2	1917.91	2120.47	1958.90	1999.09	5.36	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICV03	Instrumnet Name :	P8
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:31:26	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	188.72	188.68	180.48	185.96	2.55	ppb
Lead	207-1	179.97	182.31	172.20	178.16	2.97	ppb
Lead	208-1	190.03	190.52	179.07	186.54	3.47	ppb
Lithium	6-1				99		%
Magnesium	24-2	1223.14	1262.20	1214.57	1233.30	2.06	ppb
Manganese	55-2	96.71	100.43	95.89	97.68	2.48	ppb
Molybdenum	94-1	0.16	0.15	0.15	0.15	3.81	ppb
Molybdenum	95-1	0.18	0.19	0.18	0.18	1.31	ppb
Molybdenum	96-1	0.21	0.23	0.20	0.21	6.89	ppb
Molybdenum	97-1	0.16	0.18	0.15	0.16	10.17	ppb
Molybdenum	98-1	0.15	0.20	0.15	0.16	16.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.89	108.45	101.53	104.63	3.36	ppb
Phosphorus	31-2	-265.84	-189.19	-211.71	-222.25		ppb
Potassium	39-2	1865.38	1988.30	1896.73	1916.80	3.33	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	205.22	224.59	210.59	213.47	4.68	ppb
Selenium	77-2	219.77	256.33	211.53	229.21	10.40	ppb
Selenium	78-2	209.52	221.60	206.38	212.50	3.78	ppb
Silicon	28-1	-1.63	-2.00	-3.62	-2.42		ppb
Silver	107-1	49.40	51.18	51.21	50.60	2.05	ppb
Silver	109-1	50.41	51.96	51.51	51.29	1.55	ppb
Sodium	23-2	1923.31	2039.09	1942.61	1968.33	3.15	ppb
Strontium	86-1	0.24	0.24	0.20	0.22	10.99	ppb
Strontium	88-1	0.25	0.24	0.24	0.25	2.00	ppb
Sulfur	34-1	-928.56	-837.14	-861.03	-875.57		ppb
Terbium	159-1				102		%
Terbium	159-2				109		%
Thallium	203-1	196.06	199.85	189.22	195.04	2.76	ppb
Thallium	205-1	199.98	206.88	195.47	200.78	2.86	ppb
Tin	118-1	0.11	0.05	0.05	0.07	45.85	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICV03	Instrumnet Name :	P8
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:31:26	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.04	-0.03	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	168.57	ppb
Vanadium	51-2	94.22	97.59	94.17	95.33	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				111		%
Zinc	66-2	202.78	208.67	198.61	203.36	2.49	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	61.79	ppb
Zirconium	91-1	0.06	0.08	0.06	0.07	9.51	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:37:03	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.20	18.47	18.25	18.30	0.79	ppb
Antimony	121-1	2.03	2.00	1.95	2.00	2.12	ppb
Arsenic	75-2	1.15	1.02	0.98	1.05	8.12	ppb
Barium	135-1	9.34	8.97	9.50	9.27	2.90	ppb
Barium	137-1	9.58	8.92	8.96	9.15	4.06	ppb
Beryllium	9-1	0.98	1.03	1.04	1.02	3.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				117		%
Boron	10-1	37.25	41.52	40.82	39.86	5.74	ppb
Boron	11-1	40.63	42.43	45.93	43.00	6.26	ppb
Bromine	81-1						cps
Cadmium	111-1	1.18	1.13	1.09	1.13	3.84	ppb
Cadmium	106-1	2.30	1.34	1.47	1.70	30.69	ppb
Cadmium	108-1	1.22	0.95	0.96	1.05	14.58	ppb
Calcium	43-1	453.66	465.38	467.76	462.27	1.63	ppb
Calcium	44-1	466.61	472.19	466.16	468.32	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.81	1.86	1.75	1.80	3.16	ppb
Cobalt	59-2	0.99	1.01	0.95	0.98	3.18	ppb
Copper	63-2	1.92	2.07	1.97	1.99	3.78	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				106		%
Holmium	165-2				114		%
Indium	115-1				101		%
Indium	115-2				115		%
Iron	54-2	51.02	54.05	49.09	51.38	4.87	ppb
Iron	56-2	49.44	50.32	49.65	49.80	0.92	ppb
Iron	57-2	53.73	50.85	45.88	50.15	7.92	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:37:03	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.87	0.88	0.84	0.87	2.45	ppb
Lead	207-1	0.82	0.86	0.88	0.86	3.45	ppb
Lead	208-1	0.89	0.87	0.86	0.87	1.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	527.74	545.14	499.36	524.08	4.41	ppb
Manganese	55-2	1.22	1.09	0.96	1.09	11.79	ppb
Molybdenum	94-1	5.39	5.57	5.30	5.42	2.59	ppb
Molybdenum	95-1	4.83	4.82	4.75	4.80	0.92	ppb
Molybdenum	96-1	4.83	4.84	4.78	4.82	0.65	ppb
Molybdenum	97-1	4.56	4.94	4.56	4.69	4.64	ppb
Molybdenum	98-1	4.78	4.75	4.67	4.74	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	0.92	1.00	1.01	9.61	ppb
Phosphorus	31-2	-302.85	-90.83	-224.05	-205.91		ppb
Potassium	39-2	482.22	476.04	454.24	470.83	3.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				112		%
Scandium	45-1				102		%
Scandium	45-2				111		%
Selenium	82-1	5.66	5.29	5.29	5.41	3.88	ppb
Selenium	77-2	4.29	3.27	3.29	3.62	16.13	ppb
Selenium	78-2	5.67	4.73	4.54	4.98	12.13	ppb
Silicon	28-1	5.00	5.26	4.76	5.01	4.99	ppb
Silver	107-1	1.04	1.07	1.03	1.04	1.87	ppb
Silver	109-1	1.02	1.06	1.09	1.06	3.39	ppb
Sodium	23-2	486.14	482.72	462.54	477.14	2.67	ppb
Strontium	86-1	0.91	0.89	1.04	0.95	8.94	ppb
Strontium	88-1	0.95	0.95	0.91	0.94	2.10	ppb
Sulfur	34-1	-695.90	-645.98	-580.06	-640.65		ppb
Terbium	159-1				103		%
Terbium	159-2				114		%
Thallium	203-1	0.79	0.89	0.87	0.85	6.22	ppb
Thallium	205-1	0.91	0.90	0.87	0.90	2.55	ppb
Tin	118-1	4.83	4.68	4.93	4.81	2.61	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:37:03	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.72	4.83	4.98	4.84	2.62	ppb
Uranium	238-1	0.85	0.86	0.81	0.84	2.94	ppb
Vanadium	51-2	4.40	4.63	4.60	4.54	2.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				113		%
Zinc	66-2	2.04	2.30	2.14	2.16	6.03	ppb
Zirconium	90-1	0.93	0.91	0.91	0.92	1.05	ppb
Zirconium	91-1	0.95	0.87	0.84	0.88	6.25	ppb

LB Number : LB121774 Operator : Jaswal
 Lab Sample ID : ICB03 Instrumnet Name : P8
 Client Sample ID : ICB03 Dilution Factor : 1
 Date & Time Acquired : 2022-08-26 17:40:13 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.33	-0.75	-0.14	-0.41		ppb
Antimony	121-1	0.06	0.03	0.03	0.04	29.89	ppb
Arsenic	75-2	0.01	0.05	0.00	0.02	126.95	ppb
Barium	135-1	0.06	0.00	0.00	0.02	159.87	ppb
Barium	137-1	0.11	0.02	0.00	0.04	132.93	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	48.03	ppb
Bismuth	209-1				99		%
Bismuth	209-2				114		%
Boron	10-1	17.74	18.95	19.70	18.79	5.26	ppb
Boron	11-1	19.68	19.32	20.55	19.85	3.18	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.07	0.12	0.07	75.75	ppb
Cadmium	106-1	0.11	1.03	1.53	0.89	80.98	ppb
Cadmium	108-1	0.33	0.17	0.17	0.22	43.30	ppb
Calcium	43-1	6.31	0.93	1.00	2.75	112.18	ppb
Calcium	44-1	5.57	0.17	1.14	2.29	125.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.03	0.02	101.40	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	29.29	ppb
Copper	63-2	-0.04	0.01	-0.08	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				111		%
Indium	115-1				101		%
Indium	115-2				114		%
Iron	54-2	-1.29	0.68	1.06	0.15	844.59	ppb
Iron	56-2	0.38	0.25	0.07	0.24	65.39	ppb
Iron	57-2	-0.11	0.26	-0.11	0.01	1800.89	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICB03	Instrumnet Name :	P8
Client Sample ID :	ICB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:40:13	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.01	0.04	0.06	87.61	ppb
Lead	207-1	0.10	-0.01	0.02	0.04	146.48	ppb
Lead	208-1	0.10	0.01	0.03	0.05	91.19	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.00	0.50	0.90	0.80	32.95	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	375.43	ppb
Molybdenum	94-1	0.28	0.10	0.07	0.15	74.66	ppb
Molybdenum	95-1	0.20	0.08	0.10	0.13	50.26	ppb
Molybdenum	96-1	0.21	0.08	0.06	0.12	71.22	ppb
Molybdenum	97-1	0.23	0.13	0.08	0.14	53.18	ppb
Molybdenum	98-1	0.23	0.12	0.10	0.15	47.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.02	0.03	18.07	ppb
Phosphorus	31-2	-361.57	-276.36	-196.82	-278.25		ppb
Potassium	39-2	4.11	2.40	5.37	3.96	37.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				114		%
Scandium	45-1				103		%
Scandium	45-2				111		%
Selenium	82-1	0.18	0.25	0.11	0.18	41.32	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	-0.62	-0.79	-0.53	-0.65		ppb
Silicon	28-1	-1.74	0.37	2.52	0.38	560.23	ppb
Silver	107-1	0.03	0.01	0.00	0.01	115.90	ppb
Silver	109-1	0.03	0.01	0.00	0.01	97.01	ppb
Sodium	23-2	6.48	4.40	2.93	4.60	38.71	ppb
Strontium	86-1	0.39	0.03	0.01	0.14	148.47	ppb
Strontium	88-1	0.35	0.02	0.01	0.13	153.37	ppb
Sulfur	34-1	-572.40	-738.26	-281.13	-530.60		ppb
Terbium	159-1				101		%
Terbium	159-2				112		%
Thallium	203-1	0.01	0.01	0.01	0.01	26.59	ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.02		ppb
Tin	118-1	-0.06	-0.10	-0.09	-0.09		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICB03	Instrumnet Name :	P8
Client Sample ID :	ICB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:40:13	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	-0.03	0.00	0.02	276.02	ppb
Uranium	238-1	0.02	0.00	0.00	0.01	130.16	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	87.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				113		%
Zinc	66-2	1.06	0.64	0.78	0.83	26.16	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	138.61	ppb
Zirconium	91-1	0.01	0.01	-0.01	0.00	316.48	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICSA03	Instrumnet Name :	P8
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:43:25	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100638.14	95294.68	97897.34	97943.39	2.73	ppb
Antimony	121-1	1.10	1.10	1.15	1.12	2.95	ppb
Arsenic	75-2	0.41	0.36	0.37	0.38	6.88	ppb
Barium	135-1	1.45	1.24	1.39	1.36	7.86	ppb
Barium	137-1	1.44	1.38	1.37	1.40	2.65	ppb
Beryllium	9-1	0.27	0.28	0.28	0.27	1.35	ppb
Bismuth	209-1				95		%
Bismuth	209-2				101		%
Boron	10-1	17.66	15.48	16.82	16.65	6.61	ppb
Boron	11-1	18.25	17.02	17.67	17.65	3.48	ppb
Bromine	81-1						cps
Cadmium	111-1	0.31	0.31	0.26	0.29	10.52	ppb
Cadmium	106-1	-1.10	-0.92	-2.62	-1.55		ppb
Cadmium	108-1	13.65	12.30	12.18	12.71	6.45	ppb
Calcium	43-1	96377.29	89632.09	95279.38	93762.92	3.86	ppb
Calcium	44-1	97705.03	90874.04	96954.82	95177.96	3.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.43	18.45	18.30	18.39	0.45	ppb
Cobalt	59-2	1.10	1.10	1.05	1.08	2.87	ppb
Copper	63-2	7.45	7.11	7.14	7.23	2.59	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				113		%
Indium	115-1				99		%
Indium	115-2				108		%
Iron	54-2	103770.90	102732.75	98886.08	101796.58	2.53	ppb
Iron	56-2	104404.96	100978.39	99425.25	101602.87	2.51	ppb
Iron	57-2	105824.44	99951.68	101774.00	102516.71	2.93	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICSA03	Instrumnet Name :	P8
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:43:25	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.91	4.50	4.77	4.73	4.37	ppb
Lead	207-1	4.21	4.06	4.27	4.18	2.56	ppb
Lead	208-1	4.43	4.24	4.42	4.36	2.43	ppb
Lithium	6-1				96		%
Magnesium	24-2	104707.42	98628.01	98543.78	100626.40	3.51	ppb
Manganese	55-2	7.61	7.47	6.72	7.27	6.54	ppb
Molybdenum	94-1	1537.12	1470.84	1465.10	1491.02	2.68	ppb
Molybdenum	95-1	1913.99	1803.83	1792.00	1836.61	3.66	ppb
Molybdenum	96-1	1864.11	1759.80	1728.65	1784.19	3.98	ppb
Molybdenum	97-1	1916.98	1841.42	1793.90	1850.77	3.35	ppb
Molybdenum	98-1	1888.41	1785.73	1796.83	1823.66	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.42	5.19	4.84	5.15	5.71	ppb
Phosphorus	31-2	97513.48	97154.44	96876.39	97181.44	0.33	ppb
Potassium	39-2	95886.88	95853.72	94635.72	95458.77	0.75	ppb
Rhodium	103-1				95		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				111		%
Selenium	82-1	0.50	0.60	0.27	0.46	36.85	ppb
Selenium	77-2	0.59	-0.33	0.59	0.29	185.56	ppb
Selenium	78-2	-0.14	-0.46	0.28	-0.10		ppb
Silicon	28-1	25.65	16.43	23.29	21.79	21.97	ppb
Silver	107-1	0.02	0.02	0.01	0.02	3.64	ppb
Silver	109-1	0.02	0.02	0.01	0.02	7.58	ppb
Sodium	23-2	100335.67	96450.55	96867.26	97884.50	2.18	ppb
Strontium	86-1	34.09	31.47	31.92	32.49	4.32	ppb
Strontium	88-1	33.79	31.35	32.27	32.47	3.79	ppb
Sulfur	34-1	95736.57	88936.63	94235.22	92969.47	3.84	ppb
Terbium	159-1				107		%
Terbium	159-2				114		%
Thallium	203-1	0.19	0.20	0.21	0.20	4.31	ppb
Thallium	205-1	0.19	0.18	0.20	0.19	4.93	ppb
Tin	118-1	-0.03	-0.04	-0.04	-0.04		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICSA03	Instrumnet Name :	P8
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:43:25	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2062.44	1920.01	1985.96	1989.47	3.58	ppb
Uranium	238-1	0.01	0.01	0.02	0.02	10.30	ppb
Vanadium	51-2	0.13	0.17	0.20	0.16	20.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				111		%
Zinc	66-2	10.50	9.70	10.33	10.18	4.15	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	9.75	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICSAB03	Instrumnet Name :	P8
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:46:23	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96680.01	96724.42	94351.58	95918.67	1.42	ppb
Antimony	121-1	20.32	20.86	21.50	20.89	2.83	ppb
Arsenic	75-2	20.47	19.44	19.61	19.84	2.79	ppb
Barium	135-1	20.28	20.67	21.06	20.67	1.90	ppb
Barium	137-1	20.77	21.05	22.25	21.35	3.69	ppb
Beryllium	9-1	19.00	19.02	19.70	19.24	2.06	ppb
Bismuth	209-1				97		%
Bismuth	209-2				105		%
Boron	10-1	63.43	65.80	68.01	65.75	3.48	ppb
Boron	11-1	67.70	69.73	73.98	70.47	4.54	ppb
Bromine	81-1						cps
Cadmium	111-1	19.98	20.45	19.87	20.10	1.52	ppb
Cadmium	106-1	24.68	25.70	24.67	25.02	2.36	ppb
Cadmium	108-1	33.11	34.99	33.99	34.03	2.76	ppb
Calcium	43-1	95297.27	92880.63	94045.32	94074.41	1.28	ppb
Calcium	44-1	96486.30	93313.54	97550.84	95783.56	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.69	36.48	35.77	35.98	1.22	ppb
Cobalt	59-2	19.36	18.96	19.15	19.15	1.05	ppb
Copper	63-2	25.50	25.32	25.37	25.39	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				116		%
Indium	115-1				100		%
Indium	115-2				111		%
Iron	54-2	99775.44	102210.40	97882.64	99956.16	2.17	ppb
Iron	56-2	102277.11	99412.67	100456.61	100715.47	1.44	ppb
Iron	57-2	101087.45	98628.03	100198.96	99971.48	1.25	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICSAB03	Instrumnet Name :	P8
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:46:23	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.22	22.68	23.41	23.44	3.29	ppb
Lead	207-1	23.20	21.90	22.33	22.48	2.95	ppb
Lead	208-1	23.08	21.97	22.55	22.53	2.47	ppb
Lithium	6-1				95		%
Magnesium	24-2	99456.13	101218.60	98202.29	99625.67	1.52	ppb
Manganese	55-2	25.81	25.52	24.65	25.33	2.39	ppb
Molybdenum	94-1	1648.48	1660.14	1735.19	1681.27	2.80	ppb
Molybdenum	95-1	1924.16	1875.33	1946.85	1915.45	1.91	ppb
Molybdenum	96-1	1934.74	1878.63	1950.03	1921.13	1.96	ppb
Molybdenum	97-1	1952.34	1944.87	1991.10	1962.77	1.26	ppb
Molybdenum	98-1	1964.71	1911.61	1950.96	1942.43	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.80	23.84	23.54	23.73	0.67	ppb
Phosphorus	31-2	94928.28	95771.07	93411.50	94703.62	1.26	ppb
Potassium	39-2	95907.31	94012.01	92746.98	94222.10	1.69	ppb
Rhodium	103-1				97		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				114		%
Selenium	82-1	20.19	19.50	20.01	19.90	1.79	ppb
Selenium	77-2	26.66	21.34	11.68	19.89	38.19	ppb
Selenium	78-2	18.59	18.18	18.81	18.53	1.73	ppb
Silicon	28-1	69.51	71.08	68.40	69.66	1.93	ppb
Silver	107-1	18.05	18.38	18.83	18.42	2.12	ppb
Silver	109-1	18.96	18.84	18.92	18.91	0.34	ppb
Sodium	23-2	97425.84	98801.76	96969.99	97732.53	0.98	ppb
Strontium	86-1	87.74	86.07	89.81	87.87	2.13	ppb
Strontium	88-1	86.36	85.93	88.48	86.92	1.57	ppb
Sulfur	34-1	94349.10	92012.13	91675.58	92678.94	1.57	ppb
Terbium	159-1				105		%
Terbium	159-2				114		%
Thallium	203-1	20.23	19.15	20.33	19.90	3.28	ppb
Thallium	205-1	20.91	19.50	20.37	20.26	3.50	ppb
Tin	118-1	51.93	51.27	54.71	52.63	3.47	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICSAB03	Instrumnet Name :	P8
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:46:23	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2033.76	2071.71	2066.63	2057.37	1.00	ppb
Uranium	238-1	53.10	52.42	52.28	52.60	0.83	ppb
Vanadium	51-2	19.35	18.76	18.98	19.03	1.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				113		%
Zinc	66-2	27.41	28.26	27.51	27.73	1.67	ppb
Zirconium	90-1	52.14	50.62	53.10	51.95	2.41	ppb
Zirconium	91-1	51.83	50.33	52.89	51.68	2.49	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:01:45	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51510.46	50076.88	49993.46	50526.93	1.69	ppb
Antimony	121-1	453.65	487.26	498.13	479.68	4.83	ppb
Arsenic	75-2	468.52	470.49	446.81	461.94	2.84	ppb
Barium	135-1	2394.88	2514.50	2563.21	2490.86	3.48	ppb
Barium	137-1	2291.60	2473.91	2555.12	2440.21	5.53	ppb
Beryllium	9-1	470.86	462.79	478.91	470.85	1.71	ppb
Bismuth	209-1				88		%
Bismuth	209-2				98		%
Boron	10-1	474.99	514.69	522.04	503.91	5.02	ppb
Boron	11-1	515.95	512.39	500.82	509.72	1.55	ppb
Bromine	81-1						cps
Cadmium	111-1	460.62	483.60	489.12	477.78	3.16	ppb
Cadmium	106-1	465.93	490.15	504.59	486.89	4.01	ppb
Cadmium	108-1	461.68	486.95	521.61	490.08	6.14	ppb
Calcium	43-1	219940.22	242385.73	251842.40	238056.12	6.88	ppb
Calcium	44-1	227559.98	238032.52	244449.72	236680.74	3.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.07	463.00	453.22	463.43	2.25	ppb
Cobalt	59-2	503.05	469.12	455.73	475.97	5.12	ppb
Copper	63-2	4845.42	4861.09	4872.65	4859.72	0.28	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				115		%
Indium	115-1				95		%
Indium	115-2				107		%
Iron	54-2	133074.09	128966.24	123644.72	128561.68	3.68	ppb
Iron	56-2	128934.87	127197.83	125782.00	127304.90	1.24	ppb
Iron	57-2	132630.08	126977.43	124007.08	127871.53	3.43	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:01:45	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2496.61	2482.33	2636.50	2538.48	3.36	ppb
Lead	207-1	2496.16	2499.12	2718.45	2571.24	4.96	ppb
Lead	208-1	2515.89	2468.10	2644.85	2542.94	3.60	ppb
Lithium	6-1				92		%
Magnesium	24-2	266171.27	259172.86	254324.00	259889.38	2.29	ppb
Manganese	55-2	4944.25	4888.31	4759.98	4864.18	1.94	ppb
Molybdenum	94-1	4703.48	4706.75	5053.63	4821.28	4.17	ppb
Molybdenum	95-1	4675.83	4846.70	5083.94	4868.82	4.21	ppb
Molybdenum	96-1	4671.65	4829.47	5104.00	4868.37	4.49	ppb
Molybdenum	97-1	4720.95	4820.98	5082.17	4874.70	3.83	ppb
Molybdenum	98-1	4624.07	4769.03	5018.35	4803.82	4.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.21	525.70	514.07	520.33	1.13	ppb
Phosphorus	31-2	9510.05	9646.64	9394.34	9517.01	1.33	ppb
Potassium	39-2	124759.11	123790.27	123780.49	124109.96	0.45	ppb
Rhodium	103-1				91		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				113		%
Selenium	82-1	485.16	495.76	510.68	497.20	2.58	ppb
Selenium	77-2	507.17	544.01	406.92	486.03	14.60	ppb
Selenium	78-2	509.79	487.28	468.41	488.49	4.24	ppb
Silicon	28-1	456.17	467.09	502.44	475.23	5.09	ppb
Silver	107-1	467.48	478.45	500.35	482.09	3.47	ppb
Silver	109-1	478.22	496.26	502.76	492.41	2.58	ppb
Sodium	23-2	255077.38	250143.65	248018.92	251079.98	1.44	ppb
Strontium	86-1	12138.30	12278.76	12322.07	12246.37	0.78	ppb
Strontium	88-1	11632.54	12325.25	12634.11	12197.30	4.21	ppb
Sulfur	34-1	8741.66	9228.84	9749.74	9240.08	5.46	ppb
Terbium	159-1				102		%
Terbium	159-2				113		%
Thallium	203-1	510.29	503.08	516.14	509.84	1.28	ppb
Thallium	205-1	503.18	487.27	528.69	506.38	4.13	ppb
Tin	118-1	474.34	500.54	503.44	492.77	3.25	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:01:45	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4733.49	4729.30	5255.33	4906.04	6.17	ppb
Uranium	238-1	505.32	522.27	546.05	524.55	3.90	ppb
Vanadium	51-2	491.35	483.37	481.68	485.47	1.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				114		%
Zinc	66-2	4744.74	4673.44	4615.03	4677.74	1.39	ppb
Zirconium	90-1	473.62	492.48	507.03	491.05	3.41	ppb
Zirconium	91-1	479.28	502.31	515.49	499.02	3.67	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:12:05	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.85	-0.82	-0.47	-0.71		ppb
Antimony	121-1	0.05	0.06	0.08	0.06	27.94	ppb
Arsenic	75-2	0.04	0.02	0.04	0.03	34.60	ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	0.01	0.01	0.01	0.01	16.00	ppb
Beryllium	9-1	0.01	0.01	0.02	0.02	10.60	ppb
Bismuth	209-1				105		%
Bismuth	209-2				112		%
Boron	10-1	16.21	16.06	14.07	15.44	7.74	ppb
Boron	11-1	16.99	16.92	15.71	16.54	4.37	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.14	-0.24	-0.16		ppb
Cadmium	106-1	-1.48	-1.89	-3.29	-2.22		ppb
Cadmium	108-1	0.01	0.03	-0.04	0.00		ppb
Calcium	43-1	0.51	-0.43	0.00	0.02	2004.01	ppb
Calcium	44-1	-0.52	-0.58	-0.48	-0.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	0.02	0.00		ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	0.03	0.08	0.10	0.07	51.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				114		%
Iron	54-2	-0.35	0.35	0.87	0.29	210.98	ppb
Iron	56-2	0.25	0.02	0.35	0.20	81.47	ppb
Iron	57-2	2.06	0.47	0.91	1.15	71.52	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:12:05	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.02	0.03	0.03	35.00	ppb
Lead	207-1	0.04	0.00	0.02	0.02	87.98	ppb
Lead	208-1	0.03	0.02	0.03	0.03	28.10	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.76	0.93	1.16	0.95	20.93	ppb
Manganese	55-2	0.00	-0.02	0.02	0.00		ppb
Molybdenum	94-1	0.16	0.18	0.14	0.16	12.87	ppb
Molybdenum	95-1	0.24	0.22	0.17	0.21	16.05	ppb
Molybdenum	96-1	0.17	0.16	0.14	0.16	8.79	ppb
Molybdenum	97-1	0.20	0.19	0.14	0.18	18.37	ppb
Molybdenum	98-1	0.21	0.16	0.16	0.18	16.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.04	0.00	1234.24	ppb
Phosphorus	31-2	-362.31	-471.22	-122.69	-318.74		ppb
Potassium	39-2	14.93	14.76	22.15	17.28	24.41	ppb
Rhodium	103-1				104		%
Rhodium	103-2				113		%
Scandium	45-1				106		%
Scandium	45-2				113		%
Selenium	82-1	0.15	-0.15	0.52	0.17	196.35	ppb
Selenium	77-2	-0.33	-0.33	0.65	0.00		ppb
Selenium	78-2	0.15	0.06	0.95	0.39	127.48	ppb
Silicon	28-1	-3.56	-4.24	-4.37	-4.06		ppb
Silver	107-1	0.03	0.02	0.02	0.02	23.42	ppb
Silver	109-1	0.02	0.02	0.02	0.02	21.22	ppb
Sodium	23-2	17.87	17.36	25.87	20.37	23.43	ppb
Strontium	86-1	0.07	0.07	0.07	0.07	2.70	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	9.99	ppb
Sulfur	34-1	-879.72	-625.52	-603.90	-703.05		ppb
Terbium	159-1				106		%
Terbium	159-2				111		%
Thallium	203-1	0.06	0.05	0.05	0.05	16.85	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	11.09	ppb
Tin	118-1	0.06	0.20	0.03	0.10	92.47	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:12:05	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	-0.01	0.00	0.01	290.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	244.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				115		%
Zinc	66-2	0.00	0.14	-0.02	0.04	236.37	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:15:15	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.77	17.39	17.37	17.84	4.50	ppb
Antimony	121-1	1.83	1.96	2.00	1.93	4.66	ppb
Arsenic	75-2	0.81	1.06	0.96	0.94	13.40	ppb
Barium	135-1	8.89	9.26	9.65	9.27	4.09	ppb
Barium	137-1	9.06	9.37	9.24	9.22	1.72	ppb
Beryllium	9-1	1.04	1.06	1.05	1.05	0.92	ppb
Bismuth	209-1				105		%
Bismuth	209-2				117		%
Boron	10-1	33.91	34.78	34.44	34.38	1.27	ppb
Boron	11-1	35.40	37.05	37.85	36.77	3.39	ppb
Bromine	81-1						cps
Cadmium	111-1	1.09	1.08	1.11	1.09	1.03	ppb
Cadmium	106-1	1.78	0.77	1.72	1.42	39.89	ppb
Cadmium	108-1	1.11	1.00	1.14	1.09	6.76	ppb
Calcium	43-1	458.85	468.86	443.45	457.05	2.80	ppb
Calcium	44-1	451.87	465.03	451.57	456.16	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.79	1.83	1.85	3.61	ppb
Cobalt	59-2	0.98	0.93	0.90	0.94	4.63	ppb
Copper	63-2	2.03	2.07	1.89	2.00	4.60	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				108		%
Holmium	165-2				118		%
Indium	115-1				104		%
Indium	115-2				121		%
Iron	54-2	53.48	50.59	49.68	51.25	3.87	ppb
Iron	56-2	51.00	49.88	47.35	49.41	3.79	ppb
Iron	57-2	54.03	45.50	50.61	50.05	8.58	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:15:15	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.86	0.83	0.84	0.84	1.96	ppb
Lead	207-1	0.92	0.86	0.85	0.88	4.18	ppb
Lead	208-1	0.88	0.87	0.84	0.86	2.10	ppb
Lithium	6-1				97		%
Magnesium	24-2	527.31	519.15	481.55	509.33	4.79	ppb
Manganese	55-2	0.96	0.99	0.97	0.97	1.56	ppb
Molybdenum	94-1	5.72	5.50	5.66	5.62	1.98	ppb
Molybdenum	95-1	4.91	4.68	5.03	4.88	3.62	ppb
Molybdenum	96-1	4.98	4.92	4.91	4.94	0.72	ppb
Molybdenum	97-1	4.91	4.88	4.91	4.90	0.35	ppb
Molybdenum	98-1	4.82	4.69	4.93	4.82	2.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	1.06	0.79	0.90	15.76	ppb
Phosphorus	31-2	-248.07	-423.23	-536.32	-402.54		ppb
Potassium	39-2	486.12	487.64	462.24	478.67	2.98	ppb
Rhodium	103-1				106		%
Rhodium	103-2				117		%
Scandium	45-1				107		%
Scandium	45-2				118		%
Selenium	82-1	4.95	4.78	5.21	4.98	4.29	ppb
Selenium	77-2	3.06	3.04	3.81	3.30	13.29	ppb
Selenium	78-2	4.02	4.58	5.42	4.67	15.16	ppb
Silicon	28-1	3.32	3.41	1.58	2.77	37.30	ppb
Silver	107-1	1.04	1.04	1.02	1.03	1.24	ppb
Silver	109-1	1.06	1.08	1.09	1.08	1.31	ppb
Sodium	23-2	507.32	483.96	466.78	486.02	4.19	ppb
Strontium	86-1	0.96	1.00	0.94	0.96	3.39	ppb
Strontium	88-1	0.94	0.91	0.95	0.93	1.98	ppb
Sulfur	34-1	-822.10	-697.51	-801.69	-773.77		ppb
Terbium	159-1				106		%
Terbium	159-2				116		%
Thallium	203-1	0.96	0.89	0.89	0.92	4.52	ppb
Thallium	205-1	0.96	0.91	0.89	0.92	3.91	ppb
Tin	118-1	4.93	4.94	4.95	4.94	0.27	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:15:15	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.65	4.55	4.83	4.67	3.03	ppb
Uranium	238-1	0.83	0.85	0.83	0.84	0.83	ppb
Vanadium	51-2	4.88	4.50	4.40	4.59	5.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				122		%
Zinc	66-2	2.17	1.97	1.99	2.04	5.47	ppb
Zirconium	90-1	0.90	0.90	0.89	0.90	0.81	ppb
Zirconium	91-1	0.93	0.90	0.89	0.91	2.67	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4262-07	Instrumnet Name :	P8
Client Sample ID :	MW-107(42.5FT)	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:18:46	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	130.30	132.20	122.13	128.21	4.18	ppb
Antimony	121-1	0.19	0.21	0.19	0.20	5.90	ppb
Arsenic	75-2	0.84	0.84	0.74	0.80	6.90	ppb
Barium	135-1	83.38	89.24	90.00	87.54	4.14	ppb
Barium	137-1	84.65	90.37	90.23	88.42	3.69	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	11.84	ppb
Bismuth	209-1				99		%
Bismuth	209-2				112		%
Boron	10-1	408.47	425.09	444.93	426.16	4.28	ppb
Boron	11-1	423.36	441.42	461.38	442.05	4.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.04	0.05	0.06	36.98	ppb
Cadmium	106-1	-0.07	-0.58	-0.30	-0.32		ppb
Cadmium	108-1	0.04	0.05	0.00	0.03	90.99	ppb
Calcium	43-1	93101.36	88141.83	98654.42	93299.20	5.64	ppb
Calcium	44-1	93575.73	90051.05	97004.21	93543.66	3.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.04	2.96	3.06	3.02	1.61	ppb
Cobalt	59-2	0.27	0.30	0.30	0.29	5.40	ppb
Copper	63-2	4.06	3.92	3.84	3.94	2.91	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				107		%
Holmium	165-2				118		%
Indium	115-1				102		%
Indium	115-2				118		%
Iron	54-2	319.82	299.26	314.55	311.21	3.43	ppb
Iron	56-2	317.32	299.14	300.37	305.61	3.32	ppb
Iron	57-2	409.97	410.77	403.26	408.00	1.01	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4262-07	Instrumnet Name :	P8
Client Sample ID :	MW-107(42.5FT)	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:18:46	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.01	4.08	4.23	4.10	2.74	ppb
Lead	207-1	3.63	3.79	3.94	3.79	4.16	ppb
Lead	208-1	3.78	3.90	3.97	3.88	2.55	ppb
Lithium	6-1				98		%
Magnesium	24-2	31458.48	31148.24	30022.44	30876.39	2.45	ppb
Manganese	55-2	55.97	53.72	53.00	54.23	2.86	ppb
Molybdenum	94-1	0.35	0.34	0.37	0.36	3.99	ppb
Molybdenum	95-1	0.40	0.39	0.39	0.39	1.24	ppb
Molybdenum	96-1	0.38	0.36	0.41	0.38	6.24	ppb
Molybdenum	97-1	0.37	0.34	0.36	0.36	5.21	ppb
Molybdenum	98-1	0.39	0.37	0.34	0.37	6.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.73	1.97	1.73	1.81	7.64	ppb
Phosphorus	31-2	-309.15	-403.95	-512.42	-408.51		ppb
Potassium	39-2	3891.70	3824.05	3846.26	3854.00	0.89	ppb
Rhodium	103-1				100		%
Rhodium	103-2				113		%
Scandium	45-1				106		%
Scandium	45-2				118		%
Selenium	82-1	2.11	2.41	2.73	2.41	12.82	ppb
Selenium	77-2	-0.33	2.23	0.52	0.81	161.03	ppb
Selenium	78-2	1.66	1.54	1.22	1.47	15.16	ppb
Silicon	28-1	12780.25	12316.36	13379.31	12825.31	4.16	ppb
Silver	107-1	0.01	0.01	0.00	0.01	70.16	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.82	ppb
Sodium	23-2	107960.82	105995.49	103228.89	105728.40	2.25	ppb
Strontium	86-1	224.54	231.57	236.12	230.75	2.53	ppb
Strontium	88-1	228.26	229.66	233.36	230.43	1.14	ppb
Sulfur	34-1	25229.88	23907.47	26742.46	25293.27	5.61	ppb
Terbium	159-1				105		%
Terbium	159-2				117		%
Thallium	203-1	0.05	0.05	0.04	0.05	15.21	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	23.29	ppb
Tin	118-1	-0.08	-0.07	-0.06	-0.07		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4262-07	Instrumnet Name :	P8
Client Sample ID :	MW-107(42.5FT)	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:18:46	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.37	6.13	6.48	6.33	2.76	ppb
Uranium	238-1	2.54	2.67	2.65	2.62	2.60	ppb
Vanadium	51-2	1.29	1.22	1.08	1.20	9.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				122		%
Zinc	66-2	25.00	22.90	24.09	24.00	4.38	ppb
Zirconium	90-1	0.03	0.05	0.04	0.04	24.93	ppb
Zirconium	91-1	0.04	0.03	0.06	0.04	32.69	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	PB147116BL	Instrumnet Name :	P8
Client Sample ID :	PB147116BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:21:50	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.72	-0.75	-0.86	-0.78		ppb
Antimony	121-1	0.06	0.01	0.01	0.03	101.66	ppb
Arsenic	75-2	0.01	0.03	0.02	0.02	39.47	ppb
Barium	135-1	0.41	-0.01	0.00	0.13	180.70	ppb
Barium	137-1	0.34	0.00	0.00	0.11	174.62	ppb
Beryllium	9-1	0.07	0.01	0.01	0.03	114.36	ppb
Bismuth	209-1				104		%
Bismuth	209-2				120		%
Boron	10-1	41.65	39.03	35.23	38.64	8.35	ppb
Boron	11-1	48.03	41.96	38.95	42.98	10.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.08	0.06	0.10	53.94	ppb
Cadmium	106-1	0.53	0.90	0.69	0.71	26.46	ppb
Cadmium	108-1	-0.03	-0.03	0.04	-0.01		ppb
Calcium	43-1	36.69	1.28	1.24	13.07	156.55	ppb
Calcium	44-1	36.71	0.98	0.86	12.85	160.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	0.00	0.01	224.36	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.03	0.00	-0.04	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				120		%
Indium	115-1				105		%
Indium	115-2				121		%
Iron	54-2	0.89	-0.03	-0.35	0.17	379.68	ppb
Iron	56-2	0.00	-0.13	-0.21	-0.11		ppb
Iron	57-2	0.40	0.09	-0.40	0.03	1322.06	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	PB147116BL	Instrumnet Name :	P8
Client Sample ID :	PB147116BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:21:50	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.01	0.02	0.08	141.43	ppb
Lead	207-1	0.30	-0.01	0.00	0.10	179.58	ppb
Lead	208-1	0.24	0.01	0.01	0.09	154.90	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.65	0.56	0.22	0.47	47.80	ppb
Manganese	55-2	0.09	0.08	0.12	0.10	18.06	ppb
Molybdenum	94-1	1.15	0.04	0.04	0.41	154.93	ppb
Molybdenum	95-1	1.19	0.08	0.06	0.44	145.62	ppb
Molybdenum	96-1	1.20	0.04	0.04	0.42	158.42	ppb
Molybdenum	97-1	1.21	0.06	0.07	0.44	148.31	ppb
Molybdenum	98-1	1.09	0.07	0.07	0.41	145.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-576.05	-442.37	-633.25	-550.56		ppb
Potassium	39-2	5.04	8.24	5.43	6.24	27.96	ppb
Rhodium	103-1				104		%
Rhodium	103-2				119		%
Scandium	45-1				104		%
Scandium	45-2				119		%
Selenium	82-1	0.25	0.18	0.24	0.22	15.69	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.80	0.08	-0.49	0.13	504.15	ppb
Silicon	28-1	1.73	-4.78	1.58	-0.49		ppb
Silver	107-1	0.01	0.00	0.00	0.00	144.97	ppb
Silver	109-1	0.01	0.00	0.00	0.00	268.25	ppb
Sodium	23-2	12.97	13.70	11.27	12.65	9.84	ppb
Strontium	86-1	2.89	0.02	0.00	0.97	171.36	ppb
Strontium	88-1	2.78	0.01	0.00	0.93	172.30	ppb
Sulfur	34-1	-715.84	-916.95	-518.50	-717.10		ppb
Terbium	159-1				106		%
Terbium	159-2				119		%
Thallium	203-1	0.08	0.01	0.02	0.04	93.49	ppb
Thallium	205-1	0.05	0.00	0.02	0.02	99.81	ppb
Tin	118-1	0.04	-0.08	-0.05	-0.03		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	PB147116BL	Instrumnet Name :	P8
Client Sample ID :	PB147116BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:21:50	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.77	-0.04	0.03	0.25	178.02	ppb
Uranium	238-1	0.04	0.00	0.00	0.01	186.57	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	73.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				122		%
Zinc	66-2	-0.05	0.08	-0.05	-0.01		ppb
Zirconium	90-1	0.09	-0.01	0.00	0.03	202.93	ppb
Zirconium	91-1	0.07	-0.01	-0.01	0.02	257.60	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	PB147116BS	Instrumnet Name :	P8
Client Sample ID :	PB147116BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:25:01	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10509.64	10535.20	9933.08	10325.97	3.30	ppb
Antimony	121-1	515.23	516.77	506.64	512.88	1.06	ppb
Arsenic	75-2	515.44	545.70	498.68	519.94	4.58	ppb
Barium	135-1	2379.65	2593.68	2463.73	2479.02	4.35	ppb
Barium	137-1	2473.31	2561.32	2440.36	2491.66	2.51	ppb
Beryllium	9-1	508.44	523.99	481.92	504.78	4.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				112		%
Boron	10-1	489.12	512.54	490.10	497.25	2.66	ppb
Boron	11-1	497.58	518.50	497.66	504.58	2.39	ppb
Bromine	81-1						cps
Cadmium	111-1	507.65	522.75	505.31	511.90	1.85	ppb
Cadmium	106-1	511.93	528.50	510.56	516.99	1.93	ppb
Cadmium	108-1	519.95	521.76	509.28	516.99	1.30	ppb
Calcium	43-1	58878.21	60482.18	57360.33	58906.91	2.65	ppb
Calcium	44-1	54782.89	55765.93	53938.85	54829.22	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.80	511.64	464.93	492.46	4.96	ppb
Cobalt	59-2	523.71	544.13	494.49	520.78	4.79	ppb
Copper	63-2	5328.93	5464.27	5139.98	5311.06	3.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				115		%
Indium	115-1				100		%
Indium	115-2				113		%
Iron	54-2	29544.50	29922.60	28356.66	29274.58	2.79	ppb
Iron	56-2	28342.86	29614.49	27195.07	28384.14	4.26	ppb
Iron	57-2	26627.31	27332.09	25573.37	26510.92	3.34	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	PB147116BS	Instrumnet Name :	P8
Client Sample ID :	PB147116BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:25:01	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2479.87	2535.29	2378.93	2464.70	3.22	ppb
Lead	207-1	2485.67	2569.09	2385.12	2479.96	3.71	ppb
Lead	208-1	2472.68	2537.21	2393.49	2467.79	2.92	ppb
Lithium	6-1				95		%
Magnesium	24-2	56772.11	57742.89	53316.15	55943.71	4.16	ppb
Manganese	55-2	5211.10	5435.81	5217.97	5288.30	2.42	ppb
Molybdenum	94-1	4924.68	5112.87	4769.64	4935.73	3.48	ppb
Molybdenum	95-1	5044.95	5070.69	4814.53	4976.72	2.83	ppb
Molybdenum	96-1	5103.66	5095.51	4847.71	5015.63	2.90	ppb
Molybdenum	97-1	5177.11	5124.13	4820.85	5040.70	3.81	ppb
Molybdenum	98-1	5226.15	5004.73	4791.59	5007.49	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.58	548.39	492.64	524.20	5.46	ppb
Phosphorus	31-2	10560.42	10638.67	9828.42	10342.50	4.32	ppb
Potassium	39-2	26872.97	27294.03	25487.74	26551.58	3.56	ppb
Rhodium	103-1				100		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				113		%
Selenium	82-1	527.62	516.25	500.74	514.87	2.62	ppb
Selenium	77-2	550.88	513.01	483.12	515.67	6.59	ppb
Selenium	78-2	499.30	571.59	503.08	524.66	7.76	ppb
Silicon	28-1	492.63	503.91	458.95	485.17	4.82	ppb
Silver	107-1	504.92	527.27	514.24	515.47	2.18	ppb
Silver	109-1	518.50	521.89	511.10	517.16	1.07	ppb
Sodium	23-2	54114.82	55533.40	49120.85	52923.02	6.36	ppb
Strontium	86-1	12537.12	12847.13	12020.25	12468.17	3.35	ppb
Strontium	88-1	12682.65	12630.77	12252.56	12521.99	1.87	ppb
Sulfur	34-1	10134.44	9947.38	8165.93	9415.92	11.54	ppb
Terbium	159-1				105		%
Terbium	159-2				114		%
Thallium	203-1	488.05	500.96	472.48	487.16	2.93	ppb
Thallium	205-1	493.59	515.35	473.35	494.09	4.25	ppb
Tin	118-1	509.52	521.92	496.85	509.43	2.46	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	PB147116BS	Instrumnet Name :	P8
Client Sample ID :	PB147116BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:25:01	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5059.05	5030.85	4866.25	4985.38	2.09	ppb
Uranium	238-1	487.28	491.27	486.12	488.22	0.55	ppb
Vanadium	51-2	519.47	525.57	486.93	510.65	4.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				116		%
Zinc	66-2	5179.14	5299.76	5007.24	5162.04	2.85	ppb
Zirconium	90-1	504.41	497.53	491.40	497.78	1.31	ppb
Zirconium	91-1	510.81	498.91	492.32	500.68	1.87	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01	Instrumnet Name :	P8
Client Sample ID :	MW-106D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:27:58	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.20	19.26	19.28	19.91	5.61	ppb
Antimony	121-1	0.53	0.41	0.49	0.48	12.64	ppb
Arsenic	75-2	10.54	10.25	9.86	10.21	3.34	ppb
Barium	135-1	46.13	46.16	45.41	45.90	0.93	ppb
Barium	137-1	47.10	47.50	46.08	46.90	1.57	ppb
Beryllium	9-1	0.20	0.04	0.04	0.09	103.17	ppb
Bismuth	209-1				80		%
Bismuth	209-2				91		%
Boron	10-1	1926.19	1746.51	1789.30	1820.66	5.16	ppb
Boron	11-1	2112.56	1977.23	1992.14	2027.31	3.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	-0.03	-0.08	0.03	542.22	ppb
Cadmium	106-1	0.99	-0.71	-1.51	-0.41		ppb
Cadmium	108-1	0.28	0.37	0.22	0.29	27.38	ppb
Calcium	43-1	34727.24	36030.29	35133.23	35296.92	1.89	ppb
Calcium	44-1	34553.75	35657.19	34709.77	34973.57	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	1.82	1.89	1.89	4.01	ppb
Cobalt	59-2	0.39	0.31	0.30	0.33	13.83	ppb
Copper	63-2	2.23	1.99	2.02	2.08	6.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				109		%
Indium	115-1				89		%
Indium	115-2				106		%
Iron	54-2	2080.36	2001.46	1983.28	2021.70	2.55	ppb
Iron	56-2	2276.72	2059.87	2090.36	2142.32	5.48	ppb
Iron	57-2	2113.38	1945.58	2007.95	2022.30	4.19	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01	Instrumnet Name :	P8
Client Sample ID :	MW-106D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:27:58	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.66	0.89	0.79	1.11	42.54	ppb
Lead	207-1	1.64	0.82	0.77	1.08	45.61	ppb
Lead	208-1	1.70	0.85	0.79	1.11	45.65	ppb
Lithium	6-1				84		%
Magnesium	24-2	105272.53	96534.56	102372.75	101393.28	4.39	ppb
Manganese	55-2	1497.17	1382.12	1485.22	1454.84	4.35	ppb
Molybdenum	94-1	10.68	9.74	9.06	9.82	8.29	ppb
Molybdenum	95-1	12.45	11.58	10.95	11.66	6.46	ppb
Molybdenum	96-1	11.67	11.11	10.83	11.20	3.84	ppb
Molybdenum	97-1	12.78	11.24	11.05	11.69	8.11	ppb
Molybdenum	98-1	12.19	11.24	11.02	11.48	5.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.73	0.70	0.72	2.85	ppb
Phosphorus	31-2	295.02	93.68	117.01	168.57	65.33	ppb
Potassium	39-2	82105.44	74206.22	75567.64	77293.10	5.46	ppb
Rhodium	103-1				84		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				111		%
Selenium	82-1	17.54	19.67	20.96	19.39	8.91	ppb
Selenium	77-2	0.62	-0.33	-0.33	-0.01		ppb
Selenium	78-2	0.62	0.09	0.40	0.37	72.05	ppb
Silicon	28-1	5072.75	5157.04	4990.86	5073.55	1.64	ppb
Silver	107-1	0.26	0.06	0.06	0.12	92.21	ppb
Silver	109-1	0.11	0.04	0.06	0.07	46.82	ppb
Sodium	23-2	1682812.31	1587563.21	1664610.74	1644995.42	3.07	ppb
Strontium	86-1	706.39	729.20	714.35	716.65	1.62	ppb
Strontium	88-1	711.45	714.16	687.93	704.52	2.05	ppb
Sulfur	34-1	100423.91	102007.13	97026.43	99819.16	2.55	ppb
Terbium	159-1				98		%
Terbium	159-2				109		%
Thallium	203-1	0.35	0.20	0.22	0.26	30.64	ppb
Thallium	205-1	0.34	0.19	0.21	0.25	33.41	ppb
Tin	118-1	0.62	0.51	0.62	0.58	11.02	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01	Instrumnet Name :	P8
Client Sample ID :	MW-106D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:27:58	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.09	3.64	3.66	4.13	20.09	ppb
Uranium	238-1	1.06	0.90	0.88	0.95	10.59	ppb
Vanadium	51-2	0.26	0.27	0.27	0.26	2.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				112		%
Zinc	66-2	60.75	58.91	56.66	58.78	3.48	ppb
Zirconium	90-1	0.24	0.18	0.21	0.21	15.77	ppb
Zirconium	91-1	0.28	0.17	0.21	0.22	26.77	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-106DDUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:31:00	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.47	21.91	19.88	21.42	6.37	ppb
Antimony	121-1	0.18	0.23	0.22	0.21	12.03	ppb
Arsenic	75-2	11.08	10.44	10.05	10.52	4.98	ppb
Barium	135-1	47.39	47.51	46.30	47.07	1.42	ppb
Barium	137-1	47.92	47.70	46.24	47.29	1.93	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	15.70	ppb
Bismuth	209-1				85		%
Bismuth	209-2				91		%
Boron	10-1	1810.64	1907.59	1963.98	1894.07	4.09	ppb
Boron	11-1	2094.49	2154.34	2205.47	2151.43	2.58	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.05	-0.01	0.06	136.51	ppb
Cadmium	106-1	1.50	0.34	-0.56	0.43	243.24	ppb
Cadmium	108-1	0.15	0.22	0.13	0.17	27.17	ppb
Calcium	43-1	36895.94	34957.57	33727.95	35193.82	4.54	ppb
Calcium	44-1	35963.24	35995.81	34139.73	35366.26	3.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	1.83	1.84	1.90	6.58	ppb
Cobalt	59-2	0.34	0.36	0.31	0.33	7.41	ppb
Copper	63-2	2.11	2.16	2.00	2.09	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				103		%
Holmium	165-2				110		%
Indium	115-1				93		%
Indium	115-2				107		%
Iron	54-2	2156.19	1981.72	1955.48	2031.13	5.37	ppb
Iron	56-2	2285.86	2117.47	2054.43	2152.59	5.56	ppb
Iron	57-2	2130.06	1991.26	1970.58	2030.63	4.27	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-106DDUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:31:00	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.80	0.74	0.71	0.75	6.63	ppb
Lead	207-1	0.72	0.72	0.71	0.72	1.37	ppb
Lead	208-1	0.78	0.72	0.74	0.75	3.58	ppb
Lithium	6-1				87		%
Magnesium	24-2	109163.60	98415.46	97357.53	101645.53	6.43	ppb
Manganese	55-2	1581.10	1408.21	1392.41	1460.57	7.17	ppb
Molybdenum	94-1	9.05	8.74	8.46	8.75	3.37	ppb
Molybdenum	95-1	10.83	10.59	10.39	10.60	2.09	ppb
Molybdenum	96-1	10.27	10.01	9.62	9.97	3.30	ppb
Molybdenum	97-1	11.02	10.57	10.19	10.60	3.91	ppb
Molybdenum	98-1	10.87	10.14	10.42	10.48	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.67	0.58	0.68	15.79	ppb
Phosphorus	31-2	89.66	170.89	33.89	98.15	70.19	ppb
Potassium	39-2	82396.87	75699.42	71726.00	76607.43	7.04	ppb
Rhodium	103-1				89		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				113		%
Selenium	82-1	19.87	20.91	23.15	21.31	7.87	ppb
Selenium	77-2	-0.33	1.46	0.53	0.55	160.84	ppb
Selenium	78-2	0.15	0.20	0.42	0.26	55.76	ppb
Silicon	28-1	5126.71	5231.06	4995.36	5117.71	2.31	ppb
Silver	107-1	0.06	0.06	0.09	0.07	22.70	ppb
Silver	109-1	0.04	0.06	0.08	0.06	30.86	ppb
Sodium	23-2	1784377.91	1624352.26	1573890.13	1660873.43	6.62	ppb
Strontium	86-1	757.14	734.31	711.28	734.24	3.12	ppb
Strontium	88-1	722.91	690.78	700.52	704.74	2.34	ppb
Sulfur	34-1	100530.97	98683.98	96652.53	98622.49	1.97	ppb
Terbium	159-1				102		%
Terbium	159-2				109		%
Thallium	203-1	0.19	0.26	0.27	0.24	18.92	ppb
Thallium	205-1	0.20	0.24	0.32	0.25	24.49	ppb
Tin	118-1	0.64	0.67	0.63	0.65	3.76	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-106DDUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:31:00	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.78	4.43	4.03	4.08	7.98	ppb
Uranium	238-1	0.95	0.84	0.86	0.89	6.77	ppb
Vanadium	51-2	0.24	0.27	0.28	0.26	8.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				115		%
Zinc	66-2	62.72	57.43	54.69	58.28	7.01	ppb
Zirconium	90-1	0.13	0.15	0.15	0.15	7.89	ppb
Zirconium	91-1	0.09	0.13	0.12	0.11	17.08	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 18:33:59	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.87	3.65	3.31	3.61	7.75	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	7.83	ppb
Arsenic	75-2	2.08	2.49	2.21	2.26	9.33	ppb
Barium	135-1	9.27	8.68	9.59	9.18	5.05	ppb
Barium	137-1	9.51	8.98	10.13	9.54	6.06	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	6.34	ppb
Bismuth	209-1				93		%
Bismuth	209-2				113		%
Boron	10-1	531.68	542.09	600.00	557.92	6.60	ppb
Boron	11-1	539.95	579.86	624.52	581.44	7.28	ppb
Bromine	81-1						cps
Cadmium	111-1	0.27	-0.03	0.06	0.10	149.28	ppb
Cadmium	106-1	3.22	-0.68	0.54	1.03	194.00	ppb
Cadmium	108-1	0.09	-0.09	0.01	0.00	1834.82	ppb
Calcium	43-1	6488.79	6793.14	7371.60	6884.51	6.51	ppb
Calcium	44-1	6779.01	6862.08	7441.16	7027.42	5.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.36	0.36	0.38	11.61	ppb
Cobalt	59-2	0.06	0.08	0.08	0.07	11.82	ppb
Copper	63-2	0.59	0.53	0.56	0.56	5.64	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				105		%
Holmium	165-2				120		%
Indium	115-1				99		%
Indium	115-2				123		%
Iron	54-2	443.11	416.83	424.61	428.18	3.15	ppb
Iron	56-2	423.22	425.56	406.59	418.46	2.47	ppb
Iron	57-2	412.53	412.59	403.15	409.42	1.33	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 18:33:59	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.19	0.26	0.21	16.93	ppb
Lead	207-1	0.17	0.16	0.20	0.17	13.24	ppb
Lead	208-1	0.17	0.18	0.21	0.19	10.07	ppb
Lithium	6-1				94		%
Magnesium	24-2	20693.41	20740.46	20939.74	20791.20	0.63	ppb
Manganese	55-2	298.50	292.10	282.73	291.11	2.72	ppb
Molybdenum	94-1	1.81	1.88	1.76	1.82	3.46	ppb
Molybdenum	95-1	2.05	2.17	2.36	2.19	7.25	ppb
Molybdenum	96-1	1.99	2.08	2.21	2.09	5.41	ppb
Molybdenum	97-1	1.99	2.20	2.40	2.20	9.40	ppb
Molybdenum	98-1	2.00	2.08	2.30	2.12	7.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.15	0.10	0.12	24.50	ppb
Phosphorus	31-2	-311.14	-475.81	-412.04	-399.66		ppb
Potassium	39-2	15275.63	15550.91	15096.70	15307.75	1.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				118		%
Scandium	45-1				108		%
Scandium	45-2				124		%
Selenium	82-1	6.25	6.80	7.47	6.84	8.88	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.38	1.22	-0.15	0.48	143.26	ppb
Silicon	28-1	962.48	1002.60	1112.63	1025.91	7.58	ppb
Silver	107-1	0.02	0.02	0.03	0.02	18.43	ppb
Silver	109-1	0.03	0.01	0.02	0.02	45.29	ppb
Sodium	23-2	325048.39	327301.81	312059.82	321470.00	2.56	ppb
Strontium	86-1	135.26	143.20	150.05	142.83	5.18	ppb
Strontium	88-1	139.65	142.21	149.26	143.71	3.46	ppb
Sulfur	34-1	18909.24	19565.13	22508.41	20327.60	9.43	ppb
Terbium	159-1				104		%
Terbium	159-2				123		%
Thallium	203-1	0.27	0.24	0.21	0.24	13.11	ppb
Thallium	205-1	0.25	0.25	0.28	0.26	5.94	ppb
Tin	118-1	0.07	0.10	0.17	0.11	49.08	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 18:33:59	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.66	0.76	0.86	0.76	13.43	ppb
Uranium	238-1	0.16	0.16	0.19	0.17	8.68	ppb
Vanadium	51-2	0.06	0.07	0.04	0.05	26.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				130		%
Zinc	66-2	14.57	14.81	13.97	14.45	3.01	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	7.51	ppb
Zirconium	91-1	0.04	0.01	0.01	0.02	86.56	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-02	Instrumnet Name :	P8
Client Sample ID :	MW-106DMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:37:05	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9132.25	9148.83	9063.04	9114.71	0.50	ppb
Antimony	121-1	386.53	372.72	372.33	377.19	2.14	ppb
Arsenic	75-2	445.30	462.39	447.21	451.64	2.07	ppb
Barium	135-1	2494.60	2477.42	2533.24	2501.75	1.14	ppb
Barium	137-1	2519.31	2483.06	2492.56	2498.31	0.75	ppb
Beryllium	9-1	432.62	417.46	428.68	426.25	1.84	ppb
Bismuth	209-1				80		%
Bismuth	209-2				92		%
Boron	10-1	2073.52	2143.81	2252.68	2156.67	4.19	ppb
Boron	11-1	2370.22	2395.17	2480.37	2415.25	2.39	ppb
Bromine	81-1						cps
Cadmium	111-1	414.40	405.98	408.00	409.46	1.07	ppb
Cadmium	106-1	434.26	424.70	438.24	432.40	1.61	ppb
Cadmium	108-1	416.22	395.76	411.48	407.82	2.63	ppb
Calcium	43-1	78442.68	75668.36	79045.56	77718.87	2.32	ppb
Calcium	44-1	80719.56	78161.50	78535.10	79138.72	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	437.81	437.58	428.90	434.76	1.17	ppb
Cobalt	59-2	428.08	430.34	419.63	426.02	1.32	ppb
Copper	63-2	4721.70	4589.65	4582.43	4631.26	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				108		%
Indium	115-1				91		%
Indium	115-2				105		%
Iron	54-2	26228.98	26954.39	26942.71	26708.69	1.56	ppb
Iron	56-2	25681.36	26092.04	25392.88	25722.09	1.37	ppb
Iron	57-2	24272.10	24458.08	23924.59	24218.26	1.12	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-02	Instrumnet Name :	P8
Client Sample ID :	MW-106DMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:37:05	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2612.07	2558.90	2617.08	2596.02	1.24	ppb
Lead	207-1	2599.74	2608.31	2652.09	2620.05	1.07	ppb
Lead	208-1	2579.62	2562.81	2631.61	2591.35	1.38	ppb
Lithium	6-1				86		%
Magnesium	24-2	137618.61	138152.65	136483.48	137418.25	0.62	ppb
Manganese	55-2	6223.72	6310.14	6100.41	6211.42	1.70	ppb
Molybdenum	94-1	2810.16	2734.09	2927.17	2823.81	3.44	ppb
Molybdenum	95-1	2449.96	2405.20	2516.53	2457.23	2.28	ppb
Molybdenum	96-1	2554.73	2412.99	2548.00	2505.24	3.19	ppb
Molybdenum	97-1	2511.57	2349.56	2535.49	2465.54	4.10	ppb
Molybdenum	98-1	2454.76	2387.37	2509.57	2450.57	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	413.01	417.93	416.16	415.70	0.60	ppb
Phosphorus	31-2	134.99	40.59	-3.46	57.37	123.29	ppb
Potassium	39-2	92451.46	94831.71	90332.94	92538.70	2.43	ppb
Rhodium	103-1				85		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				111		%
Selenium	82-1	413.84	399.44	421.31	411.53	2.70	ppb
Selenium	77-2	392.07	373.87	358.12	374.68	4.53	ppb
Selenium	78-2	376.10	403.58	393.92	391.20	3.56	ppb
Silicon	28-1	5147.69	4900.20	5247.73	5098.54	3.51	ppb
Silver	107-1	291.57	390.72	274.84	319.04	19.63	ppb
Silver	109-1	282.39	234.36	232.34	249.70	11.35	ppb
Sodium	23-2	1480815.45	1563851.15	1496266.24	1513644.28	2.92	ppb
Strontium	86-1	1165.59	1113.61	1191.87	1157.02	3.44	ppb
Strontium	88-1	1160.28	1096.44	1163.48	1140.07	3.32	ppb
Sulfur	34-1	90349.17	88529.51	89899.11	89592.60	1.06	ppb
Terbium	159-1				98		%
Terbium	159-2				106		%
Thallium	203-1	514.25	494.43	506.02	504.90	1.97	ppb
Thallium	205-1	516.35	498.74	511.66	508.92	1.79	ppb
Tin	118-1	482.54	462.03	482.50	475.69	2.49	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-02	Instrumnet Name :	P8
Client Sample ID :	MW-106DMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:37:05	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2488.10	2420.00	2453.22	2453.77	1.39	ppb
Uranium	238-1	524.91	524.30	533.46	527.56	0.97	ppb
Vanadium	51-2	473.71	473.50	460.50	469.24	1.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				113		%
Zinc	66-2	3202.76	3209.67	3164.56	3192.33	0.76	ppb
Zirconium	90-1	484.02	460.02	483.15	475.73	2.86	ppb
Zirconium	91-1	483.64	463.27	491.52	479.48	3.04	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-03	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:40:01	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9497.32	9349.44	10867.42	9904.73	8.45	ppb
Antimony	121-1	391.89	386.35	388.18	388.81	0.73	ppb
Arsenic	75-2	467.49	464.47	529.81	487.26	7.57	ppb
Barium	135-1	2610.57	2593.76	2634.30	2612.88	0.78	ppb
Barium	137-1	2591.82	2553.82	2621.87	2589.17	1.32	ppb
Beryllium	9-1	441.69	479.34	469.93	463.65	4.23	ppb
Bismuth	209-1				77		%
Bismuth	209-2				86		%
Boron	10-1	2161.62	2366.89	2375.66	2301.39	5.26	ppb
Boron	11-1	2400.13	2679.77	2620.15	2566.68	5.74	ppb
Bromine	81-1						cps
Cadmium	111-1	432.15	419.41	438.40	429.98	2.25	ppb
Cadmium	106-1	458.76	451.65	455.34	455.25	0.78	ppb
Cadmium	108-1	429.20	414.75	440.72	428.22	3.04	ppb
Calcium	43-1	79047.18	79408.91	83095.57	80517.22	2.78	ppb
Calcium	44-1	77581.71	80351.23	82655.31	80196.09	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	451.91	440.80	513.74	468.82	8.38	ppb
Cobalt	59-2	443.14	436.62	508.36	462.71	8.57	ppb
Copper	63-2	4772.32	4680.45	5370.97	4941.25	7.59	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				103		%
Indium	115-1				85		%
Indium	115-2				99		%
Iron	54-2	27271.77	27093.93	31146.41	28504.04	8.03	ppb
Iron	56-2	25523.51	26163.25	30032.93	27239.89	8.96	ppb
Iron	57-2	24634.83	24925.84	28167.20	25909.29	7.57	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-03	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:40:01	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2539.41	2540.24	2549.49	2543.05	0.22	ppb
Lead	207-1	2568.69	2602.36	2574.72	2581.92	0.70	ppb
Lead	208-1	2540.30	2576.17	2586.12	2567.53	0.94	ppb
Lithium	6-1				78		%
Magnesium	24-2	139390.44	137781.24	164741.91	147304.53	10.27	ppb
Manganese	55-2	6170.93	6429.04	7411.04	6670.34	9.81	ppb
Molybdenum	94-1	2928.62	2963.65	2999.30	2963.86	1.19	ppb
Molybdenum	95-1	2532.56	2547.99	2566.97	2549.18	0.68	ppb
Molybdenum	96-1	2612.82	2574.53	2614.12	2600.49	0.86	ppb
Molybdenum	97-1	2564.14	2558.17	2597.64	2573.31	0.83	ppb
Molybdenum	98-1	2569.67	2552.56	2566.90	2563.04	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	423.75	418.98	499.33	447.35	10.08	ppb
Phosphorus	31-2	54.96	119.31	441.03	205.10	100.85	ppb
Potassium	39-2	94918.33	94796.68	110513.13	100076.05	9.03	ppb
Rhodium	103-1				80		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				106		%
Selenium	82-1	438.95	441.53	441.59	440.69	0.34	ppb
Selenium	77-2	415.04	369.17	417.82	400.68	6.82	ppb
Selenium	78-2	422.25	401.22	465.38	429.61	7.61	ppb
Silicon	28-1	4974.66	5154.16	5315.92	5148.24	3.32	ppb
Silver	107-1	225.36	263.66	261.71	250.24	8.62	ppb
Silver	109-1	428.55	276.10	258.55	321.07	29.12	ppb
Sodium	23-2	1513601.04	1545991.81	1819738.26	1626443.70	10.34	ppb
Strontium	86-1	1149.82	1174.91	1208.30	1177.68	2.49	ppb
Strontium	88-1	1123.22	1162.78	1170.11	1152.04	2.19	ppb
Sulfur	34-1	91075.00	90852.76	94272.06	92066.61	2.08	ppb
Terbium	159-1				91		%
Terbium	159-2				101		%
Thallium	203-1	503.44	524.47	520.04	515.98	2.15	ppb
Thallium	205-1	504.99	516.94	525.51	515.81	2.00	ppb
Tin	118-1	506.84	483.52	510.53	500.30	2.93	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-03	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:40:01	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2503.15	2461.86	2520.10	2495.04	1.20	ppb
Uranium	238-1	538.41	536.13	550.04	541.53	1.38	ppb
Vanadium	51-2	480.01	475.63	545.35	500.33	7.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				106		%
Zinc	66-2	3258.87	3286.34	3829.26	3458.16	9.30	ppb
Zirconium	90-1	488.49	495.06	497.79	493.78	0.97	ppb
Zirconium	91-1	495.57	492.37	508.95	498.96	1.76	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01A	Instrumnet Name :	P8
Client Sample ID :	MW-106DA	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:43:00	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9204.58	9362.88	8969.44	9178.97	2.16	ppb
Antimony	121-1	386.56	387.44	363.36	379.12	3.60	ppb
Arsenic	75-2	479.29	453.41	458.37	463.69	2.96	ppb
Barium	135-1	2537.66	2558.16	2430.92	2508.91	2.72	ppb
Barium	137-1	2589.27	2601.77	2402.02	2531.02	4.42	ppb
Beryllium	9-1	455.52	467.82	419.42	447.59	5.62	ppb
Bismuth	209-1				73		%
Bismuth	209-2				93		%
Boron	10-1	2113.35	2216.94	2229.63	2186.64	2.92	ppb
Boron	11-1	2385.69	2605.91	2549.42	2513.67	4.55	ppb
Bromine	81-1						cps
Cadmium	111-1	419.77	424.31	401.17	415.08	2.95	ppb
Cadmium	106-1	442.96	438.29	410.19	430.48	4.12	ppb
Cadmium	108-1	415.28	421.88	393.99	410.38	3.55	ppb
Calcium	43-1	79895.37	86806.41	76629.25	81110.34	6.41	ppb
Calcium	44-1	79189.18	85446.21	76626.50	80420.63	5.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	450.51	452.04	432.42	444.99	2.45	ppb
Cobalt	59-2	446.45	431.74	422.92	433.71	2.74	ppb
Copper	63-2	4826.44	4579.14	4680.27	4695.28	2.65	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				90		%
Holmium	165-2				115		%
Indium	115-1				80		%
Indium	115-2				109		%
Iron	54-2	28215.48	27726.42	25442.68	27128.19	5.46	ppb
Iron	56-2	26960.58	25938.12	25117.86	26005.52	3.55	ppb
Iron	57-2	25151.60	24392.87	23557.14	24367.20	3.27	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01A	Instrumnet Name :	P8
Client Sample ID :	MW-106DA	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:43:00	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2659.57	2675.81	2367.36	2567.58	6.76	ppb
Lead	207-1	2675.08	2698.69	2429.46	2601.08	5.73	ppb
Lead	208-1	2619.10	2673.82	2392.41	2561.78	5.82	ppb
Lithium	6-1				74		%
Magnesium	24-2	139292.84	141504.59	136593.92	139130.45	1.77	ppb
Manganese	55-2	6531.39	6341.16	6093.22	6321.93	3.48	ppb
Molybdenum	94-1	2863.44	3056.20	2717.55	2879.06	5.90	ppb
Molybdenum	95-1	2455.67	2615.10	2390.48	2487.08	4.65	ppb
Molybdenum	96-1	2533.64	2650.51	2463.01	2549.05	3.72	ppb
Molybdenum	97-1	2486.33	2596.74	2359.77	2480.95	4.78	ppb
Molybdenum	98-1	2493.27	2588.83	2408.21	2496.77	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	439.81	424.57	414.40	426.26	3.00	ppb
Phosphorus	31-2	13.71	54.92	-133.73	-21.70		ppb
Potassium	39-2	95521.61	96670.01	88732.26	93641.29	4.58	ppb
Rhodium	103-1				76		%
Rhodium	103-2				102		%
Scandium	45-1				89		%
Scandium	45-2				117		%
Selenium	82-1	424.23	457.97	420.13	434.11	4.78	ppb
Selenium	77-2	454.36	387.29	383.77	408.47	9.74	ppb
Selenium	78-2	418.63	387.47	391.13	399.08	4.27	ppb
Silicon	28-1	4956.95	5511.12	4920.40	5129.49	6.45	ppb
Silver	107-1	284.41	279.71	269.04	277.72	2.84	ppb
Silver	109-1	292.23	218.64	205.50	238.79	19.57	ppb
Sodium	23-2	1509270.89	1513808.07	1489951.39	1504343.45	0.84	ppb
Strontium	86-1	1186.41	1222.35	1121.97	1176.91	4.32	ppb
Strontium	88-1	1111.60	1178.39	1089.05	1126.35	4.12	ppb
Sulfur	34-1	88984.55	95484.11	87141.07	90536.58	4.84	ppb
Terbium	159-1				89		%
Terbium	159-2				112		%
Thallium	203-1	526.73	534.96	473.16	511.61	6.56	ppb
Thallium	205-1	525.17	537.51	473.93	512.20	6.58	ppb
Tin	118-1	491.36	491.64	459.56	480.85	3.83	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01A	Instrumnet Name :	P8
Client Sample ID :	MW-106DA	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:43:00	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2514.21	2630.52	2431.42	2525.38	3.96	ppb
Uranium	238-1	552.32	556.84	504.53	537.90	5.39	ppb
Vanadium	51-2	482.93	478.98	467.81	476.57	1.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				89		%
Yttrium	89-2				117		%
Zinc	66-2	3388.98	3227.01	3183.64	3266.54	3.31	ppb
Zirconium	90-1	475.48	506.04	458.53	480.02	5.02	ppb
Zirconium	91-1	494.15	496.28	477.70	489.38	2.08	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:47:47	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50472.67	49589.18	46759.09	48940.31	3.96	ppb
Antimony	121-1	469.64	503.35	499.53	490.84	3.76	ppb
Arsenic	75-2	493.11	480.67	457.63	477.14	3.77	ppb
Barium	135-1	2438.73	2527.84	2501.94	2489.50	1.84	ppb
Barium	137-1	2478.89	2503.32	2549.58	2510.60	1.43	ppb
Beryllium	9-1	464.76	505.69	486.21	485.56	4.22	ppb
Bismuth	209-1				76		%
Bismuth	209-2				91		%
Boron	10-1	604.34	652.92	634.24	630.50	3.89	ppb
Boron	11-1	622.77	693.94	691.41	669.38	6.03	ppb
Bromine	81-1						cps
Cadmium	111-1	488.87	504.63	499.54	497.68	1.62	ppb
Cadmium	106-1	495.00	512.44	492.03	499.82	2.21	ppb
Cadmium	108-1	496.82	505.73	497.73	500.09	0.98	ppb
Calcium	43-1	232180.59	243868.25	247166.63	241071.82	3.27	ppb
Calcium	44-1	227075.22	245007.69	252889.52	241657.47	5.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.23	495.87	465.16	484.75	3.51	ppb
Cobalt	59-2	476.71	475.12	437.73	463.18	4.76	ppb
Copper	63-2	5075.41	4949.86	4669.24	4898.17	4.25	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				89		%
Holmium	165-2				106		%
Indium	115-1				83		%
Indium	115-2				104		%
Iron	54-2	128233.35	129089.69	125174.90	127499.31	1.61	ppb
Iron	56-2	128812.61	130481.32	120408.86	126567.60	4.27	ppb
Iron	57-2	128464.02	128492.43	120370.20	125775.55	3.72	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:47:47	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2521.35	2483.75	2555.08	2520.06	1.42	ppb
Lead	207-1	2485.85	2474.02	2503.45	2487.78	0.60	ppb
Lead	208-1	2510.56	2464.95	2499.24	2491.58	0.95	ppb
Lithium	6-1				76		%
Magnesium	24-2	263255.57	261293.18	239816.10	254788.28	5.10	ppb
Manganese	55-2	4830.14	4960.02	4577.25	4789.14	4.06	ppb
Molybdenum	94-1	4780.10	4778.58	4776.69	4778.46	0.04	ppb
Molybdenum	95-1	4700.69	4855.49	4844.35	4800.18	1.80	ppb
Molybdenum	96-1	4664.22	5004.87	4919.64	4862.91	3.65	ppb
Molybdenum	97-1	4749.16	4992.89	4940.13	4894.06	2.62	ppb
Molybdenum	98-1	4658.94	4968.50	5015.68	4881.04	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	539.29	529.75	488.60	519.21	5.19	ppb
Phosphorus	31-2	9810.04	9539.61	8742.85	9364.17	5.92	ppb
Potassium	39-2	128233.04	124095.79	119882.68	124070.50	3.37	ppb
Rhodium	103-1				80		%
Rhodium	103-2				97		%
Scandium	45-1				89		%
Scandium	45-2				107		%
Selenium	82-1	506.48	531.43	539.02	525.64	3.24	ppb
Selenium	77-2	519.66	474.49	472.05	488.73	5.49	ppb
Selenium	78-2	524.85	507.51	494.82	509.06	2.96	ppb
Silicon	28-1	476.78	512.79	528.76	506.11	5.26	ppb
Silver	107-1	487.51	511.93	503.35	500.93	2.47	ppb
Silver	109-1	496.88	511.51	509.69	506.03	1.58	ppb
Sodium	23-2	257414.88	250260.56	234837.93	247504.46	4.66	ppb
Strontium	86-1	11886.83	12391.73	12597.56	12292.04	2.98	ppb
Strontium	88-1	11647.70	12128.36	12181.27	11985.78	2.45	ppb
Sulfur	34-1	9234.15	10371.23	10540.00	10048.46	7.07	ppb
Terbium	159-1				88		%
Terbium	159-2				104		%
Thallium	203-1	502.53	507.45	499.62	503.20	0.79	ppb
Thallium	205-1	512.23	505.78	508.20	508.74	0.64	ppb
Tin	118-1	484.25	501.00	494.53	493.26	1.71	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:47:47	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4786.52	4995.31	4966.54	4916.13	2.30	ppb
Uranium	238-1	513.80	511.68	506.63	510.70	0.72	ppb
Vanadium	51-2	490.79	484.73	460.58	478.70	3.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				109		%
Zinc	66-2	4970.84	4993.51	4614.40	4859.58	4.38	ppb
Zirconium	90-1	480.87	509.31	500.18	496.79	2.92	ppb
Zirconium	91-1	470.52	517.53	494.55	494.20	4.76	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:54:45	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.98	4.59	0.75	2.11	102.25	ppb
Antimony	121-1	0.08	0.10	0.14	0.11	31.37	ppb
Arsenic	75-2	0.06	0.04	0.05	0.05	13.76	ppb
Barium	135-1	0.01	-0.01	0.01	0.00	449.10	ppb
Barium	137-1	0.01	0.00	0.00	0.00	173.59	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	3.31	ppb
Bismuth	209-1				88		%
Bismuth	209-2				107		%
Boron	10-1	90.72	89.62	90.37	90.24	0.62	ppb
Boron	11-1	103.70	100.33	97.69	100.57	3.00	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.20	-0.02	-0.10		ppb
Cadmium	106-1	-1.22	-2.95	-0.51	-1.56		ppb
Cadmium	108-1	-0.08	-0.05	-0.10	-0.08		ppb
Calcium	43-1	0.73	0.56	-0.33	0.32	178.12	ppb
Calcium	44-1	2.15	1.59	1.67	1.80	16.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.04	-0.04	0.01	609.49	ppb
Cobalt	59-2	0.01	0.05	0.01	0.03	89.09	ppb
Copper	63-2	0.36	0.77	0.33	0.48	50.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				107		%
Indium	115-1				90		%
Indium	115-2				112		%
Iron	54-2	3.23	17.26	3.04	7.84	103.99	ppb
Iron	56-2	3.23	12.41	2.34	5.99	93.00	ppb
Iron	57-2	2.34	16.51	2.05	6.97	118.63	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:54:45	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.10	0.12	0.10	24.07	ppb
Lead	207-1	0.10	0.09	0.04	0.08	39.18	ppb
Lead	208-1	0.09	0.09	0.08	0.09	9.67	ppb
Lithium	6-1				83		%
Magnesium	24-2	6.82	38.61	7.10	17.51	104.37	ppb
Manganese	55-2	0.19	0.66	0.12	0.32	90.45	ppb
Molybdenum	94-1	0.26	0.27	0.26	0.26	2.02	ppb
Molybdenum	95-1	0.33	0.26	0.29	0.29	12.73	ppb
Molybdenum	96-1	0.27	0.27	0.26	0.26	2.53	ppb
Molybdenum	97-1	0.31	0.26	0.23	0.27	14.41	ppb
Molybdenum	98-1	0.29	0.27	0.27	0.28	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.05	-0.01	0.03	131.69	ppb
Phosphorus	31-2	-232.05	-517.56	-447.21	-398.94		ppb
Potassium	39-2	36.64	47.80	33.55	39.33	19.05	ppb
Rhodium	103-1				89		%
Rhodium	103-2				111		%
Scandium	45-1				92		%
Scandium	45-2				109		%
Selenium	82-1	0.33	0.39	0.14	0.29	44.50	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	1.53	0.28	0.28	0.70	103.98	ppb
Silicon	28-1	12.34	11.53	8.15	10.67	20.84	ppb
Silver	107-1	0.08	0.05	0.06	0.06	19.94	ppb
Silver	109-1	0.07	0.06	0.05	0.06	23.28	ppb
Sodium	23-2	169.34	186.37	154.51	170.07	9.37	ppb
Strontium	86-1	0.04	0.10	0.08	0.08	41.20	ppb
Strontium	88-1	0.02	0.01	0.02	0.02	26.16	ppb
Sulfur	34-1	-76.25	-59.73	-273.01	-136.33		ppb
Terbium	159-1				91		%
Terbium	159-2				107		%
Thallium	203-1	0.12	0.09	0.10	0.10	14.41	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	5.72	ppb
Tin	118-1	0.03	0.04	0.06	0.04	42.03	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:54:45	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.09	0.12	0.07	96.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.04	0.03	0.03	56.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				113		%
Zinc	66-2	0.14	0.58	0.19	0.30	80.18	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	287.63	ppb
Zirconium	91-1	0.00	-0.01	0.02	0.00	1217.38	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-04	Instrumnet Name :	P8
Client Sample ID :	MW-106I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:57:57	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.73	20.15	19.85	20.24	2.21	ppb
Antimony	121-1	0.34	0.27	0.32	0.31	10.74	ppb
Arsenic	75-2	6.23	6.63	6.40	6.42	3.15	ppb
Barium	135-1	82.58	80.22	77.42	80.07	3.22	ppb
Barium	137-1	84.21	81.87	78.62	81.57	3.44	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	6.94	ppb
Bismuth	209-1				77		%
Bismuth	209-2				93		%
Boron	10-1	784.04	835.72	830.17	816.64	3.47	ppb
Boron	11-1	834.34	911.63	855.45	867.14	4.61	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.02	-0.03	0.07	191.57	ppb
Cadmium	106-1	2.42	0.14	-0.81	0.58	284.06	ppb
Cadmium	108-1	0.04	0.23	0.07	0.12	87.18	ppb
Calcium	43-1	14239.62	13648.17	13544.58	13810.79	2.72	ppb
Calcium	44-1	13731.01	13703.06	14033.17	13822.41	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.59	0.59	0.65	0.61	5.26	ppb
Cobalt	59-2	0.15	0.12	0.11	0.13	16.75	ppb
Copper	63-2	2.11	2.01	2.03	2.05	2.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				108		%
Indium	115-1				84		%
Indium	115-2				107		%
Iron	54-2	167.74	159.07	165.05	163.96	2.71	ppb
Iron	56-2	159.41	162.43	165.13	162.32	1.76	ppb
Iron	57-2	166.98	175.68	172.64	171.77	2.57	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-04	Instrumnet Name :	P8
Client Sample ID :	MW-106I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:57:57	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.09	1.09	1.03	1.07	3.15	ppb
Lead	207-1	1.02	0.98	1.06	1.02	4.09	ppb
Lead	208-1	1.03	1.03	1.02	1.03	0.64	ppb
Lithium	6-1				81		%
Magnesium	24-2	37595.83	39201.93	40494.04	39097.27	3.71	ppb
Manganese	55-2	13.37	13.22	12.86	13.15	2.00	ppb
Molybdenum	94-1	9.32	8.85	9.71	9.29	4.60	ppb
Molybdenum	95-1	11.69	10.55	11.56	11.26	5.55	ppb
Molybdenum	96-1	11.01	10.66	11.26	10.98	2.75	ppb
Molybdenum	97-1	11.33	10.57	11.29	11.06	3.84	ppb
Molybdenum	98-1	11.66	10.82	11.18	11.22	3.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.66	0.61	0.62	6.20	ppb
Phosphorus	31-2	64.08	-22.70	-38.51	0.96	5768.72	ppb
Potassium	39-2	39101.72	41014.52	41338.57	40484.94	2.99	ppb
Rhodium	103-1				81		%
Rhodium	103-2				99		%
Scandium	45-1				91		%
Scandium	45-2				110		%
Selenium	82-1	8.73	10.11	11.45	10.09	13.50	ppb
Selenium	77-2	-0.33	-0.33	1.58	0.31	355.90	ppb
Selenium	78-2	0.22	1.89	1.14	1.08	77.50	ppb
Silicon	28-1	3166.34	3037.16	3026.73	3076.75	2.53	ppb
Silver	107-1	0.05	0.03	0.03	0.04	33.46	ppb
Silver	109-1	0.08	0.04	0.04	0.05	44.63	ppb
Sodium	23-2	755548.40	763907.28	784860.71	768105.46	1.97	ppb
Strontium	86-1	342.88	339.38	340.91	341.05	0.52	ppb
Strontium	88-1	345.00	330.75	333.86	336.54	2.23	ppb
Sulfur	34-1	64090.56	58972.09	59452.74	60838.46	4.65	ppb
Terbium	159-1				89		%
Terbium	159-2				107		%
Thallium	203-1	0.10	0.08	0.08	0.09	10.12	ppb
Thallium	205-1	0.10	0.05	0.08	0.08	29.81	ppb
Tin	118-1	0.39	0.39	0.37	0.38	3.00	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-04	Instrumnet Name :	P8
Client Sample ID :	MW-106I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:57:57	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.95	1.95	1.99	1.96	1.19	ppb
Uranium	238-1	0.72	0.70	0.72	0.71	2.04	ppb
Vanadium	51-2	5.83	5.88	5.85	5.85	0.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				110		%
Zinc	66-2	12.54	12.56	13.06	12.72	2.32	ppb
Zirconium	90-1	0.08	0.07	0.16	0.10	42.53	ppb
Zirconium	91-1	0.04	0.07	0.18	0.10	74.50	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-05	Instrumnet Name :	P8
Client Sample ID :	MW-106S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:01:02	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.90	7.78	8.42	8.36	6.75	ppb
Antimony	121-1	0.17	0.18	0.20	0.18	8.41	ppb
Arsenic	75-2	0.10	0.13	0.12	0.11	14.66	ppb
Barium	135-1	120.82	120.70	122.29	121.27	0.73	ppb
Barium	137-1	125.47	125.43	124.65	125.19	0.37	ppb
Beryllium	9-1	0.05	0.03	0.04	0.04	27.27	ppb
Bismuth	209-1				76		%
Bismuth	209-2				96		%
Boron	10-1	642.02	667.55	715.61	675.06	5.54	ppb
Boron	11-1	710.92	702.88	738.31	717.37	2.59	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.05	0.05	0.09	81.67	ppb
Cadmium	106-1	2.15	0.31	0.17	0.88	125.30	ppb
Cadmium	108-1	0.10	-0.12	0.15	0.04	320.19	ppb
Calcium	43-1	165915.34	155539.50	159607.09	160353.98	3.26	ppb
Calcium	44-1	163267.21	153897.79	165100.33	160755.11	3.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.27	1.31	1.12	1.23	7.98	ppb
Cobalt	59-2	0.12	0.10	0.10	0.11	13.03	ppb
Copper	63-2	0.91	0.95	0.88	0.92	3.71	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				87		%
Holmium	165-2				108		%
Indium	115-1				82		%
Indium	115-2				108		%
Iron	54-2	228.60	219.95	212.66	220.40	3.62	ppb
Iron	56-2	225.39	215.12	208.25	216.25	3.99	ppb
Iron	57-2	396.50	397.92	369.67	388.03	4.10	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-05	Instrumnet Name :	P8
Client Sample ID :	MW-106S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:01:02	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.43	0.38	0.50	0.44	13.59	ppb
Lead	207-1	0.46	0.37	0.41	0.41	11.13	ppb
Lead	208-1	0.44	0.38	0.44	0.42	8.05	ppb
Lithium	6-1				78		%
Magnesium	24-2	39930.39	39005.57	36014.66	38316.87	5.34	ppb
Manganese	55-2	177.46	172.74	160.31	170.17	5.20	ppb
Molybdenum	94-1	0.66	0.69	0.67	0.67	2.92	ppb
Molybdenum	95-1	0.49	0.40	0.56	0.48	17.39	ppb
Molybdenum	96-1	0.46	0.41	0.46	0.44	6.41	ppb
Molybdenum	97-1	0.55	0.43	0.44	0.47	13.92	ppb
Molybdenum	98-1	0.41	0.43	0.42	0.42	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.35	1.19	1.03	1.19	13.44	ppb
Phosphorus	31-2	-147.71	-225.77	-247.90	-207.13		ppb
Potassium	39-2	28995.63	26547.03	24458.69	26667.12	8.52	ppb
Rhodium	103-1				80		%
Rhodium	103-2				102		%
Scandium	45-1				87		%
Scandium	45-2				110		%
Selenium	82-1	5.09	5.43	5.45	5.32	3.85	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.34	1.28	0.93	0.85	55.76	ppb
Silicon	28-1	11201.96	10965.12	10956.49	11041.19	1.26	ppb
Silver	107-1	0.02	0.02	0.03	0.02	27.16	ppb
Silver	109-1	0.03	0.02	0.03	0.02	27.08	ppb
Sodium	23-2	314220.28	313764.72	290923.35	306302.78	4.35	ppb
Strontium	86-1	1209.42	1192.97	1220.10	1207.50	1.13	ppb
Strontium	88-1	1201.86	1160.08	1157.92	1173.29	2.11	ppb
Sulfur	34-1	24493.08	22248.48	23345.00	23362.18	4.80	ppb
Terbium	159-1				84		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.06	0.06	0.06	2.58	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	14.17	ppb
Tin	118-1	0.86	0.88	0.87	0.87	1.24	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-05	Instrumnet Name :	P8
Client Sample ID :	MW-106S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:01:02	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.96	1.49	1.76	1.74	13.55	ppb
Uranium	238-1	0.54	0.50	0.53	0.52	3.56	ppb
Vanadium	51-2	1.18	1.07	0.96	1.07	10.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				87		%
Yttrium	89-2				109		%
Zinc	66-2	13.12	12.54	12.36	12.67	3.11	ppb
Zirconium	90-1	0.17	0.14	0.16	0.16	9.18	ppb
Zirconium	91-1	0.18	0.16	0.14	0.16	12.79	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-06	Instrumnet Name :	P8
Client Sample ID :	FB-08162022	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:04:06	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.42	2.49	1.80	2.24	16.89	ppb
Antimony	121-1	0.07	0.05	0.05	0.06	22.42	ppb
Arsenic	75-2	0.02	0.02	0.01	0.02	60.28	ppb
Barium	135-1	0.04	0.02	0.06	0.04	41.98	ppb
Barium	137-1	0.03	0.02	0.02	0.02	29.84	ppb
Beryllium	9-1	0.03	0.02	0.02	0.03	22.77	ppb
Bismuth	209-1				80		%
Bismuth	209-2				105		%
Boron	10-1	124.56	120.44	108.87	117.95	6.89	ppb
Boron	11-1	135.83	137.56	116.06	129.82	9.20	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.07	-0.22	-0.12		ppb
Cadmium	106-1	-1.09	-1.02	-2.83	-1.64		ppb
Cadmium	108-1	-0.01	0.06	0.00	0.02	236.88	ppb
Calcium	43-1	33.57	18.04	16.09	22.57	42.43	ppb
Calcium	44-1	34.83	20.88	18.85	24.86	35.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.40	0.34	0.38	8.76	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	22.51	ppb
Copper	63-2	0.47	0.38	0.23	0.36	33.84	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				82		%
Holmium	165-2				103		%
Indium	115-1				81		%
Indium	115-2				107		%
Iron	54-2	40.94	42.42	35.79	39.72	8.77	ppb
Iron	56-2	42.11	39.77	36.80	39.56	6.72	ppb
Iron	57-2	45.18	42.31	37.99	41.83	8.65	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-06	Instrumnet Name :	P8
Client Sample ID :	FB-08162022	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:04:06	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.31	0.27	0.26	0.28	8.99	ppb
Lead	207-1	0.25	0.27	0.23	0.25	7.17	ppb
Lead	208-1	0.26	0.26	0.24	0.25	5.73	ppb
Lithium	6-1				77		%
Magnesium	24-2	4.11	3.09	3.94	3.71	14.69	ppb
Manganese	55-2	2.02	1.97	1.99	1.99	1.37	ppb
Molybdenum	94-1	0.17	0.20	0.22	0.20	13.62	ppb
Molybdenum	95-1	0.20	0.21	0.20	0.20	2.45	ppb
Molybdenum	96-1	0.21	0.19	0.17	0.19	11.54	ppb
Molybdenum	97-1	0.20	0.23	0.24	0.22	9.14	ppb
Molybdenum	98-1	0.22	0.21	0.18	0.20	9.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.32	0.33	0.34	6.42	ppb
Phosphorus	31-2	-193.99	-342.71	-422.22	-319.64		ppb
Potassium	39-2	63.55	56.96	44.33	54.95	17.77	ppb
Rhodium	103-1				82		%
Rhodium	103-2				104		%
Scandium	45-1				85		%
Scandium	45-2				105		%
Selenium	82-1	0.63	1.08	0.85	0.86	26.28	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.26	0.46	0.00	0.24	95.25	ppb
Silicon	28-1	41.01	45.97	42.33	43.10	5.95	ppb
Silver	107-1	0.02	0.01	0.01	0.01	33.23	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.69	ppb
Sodium	23-2	191.89	182.52	171.37	181.93	5.65	ppb
Strontium	86-1	0.47	0.19	0.14	0.27	68.06	ppb
Strontium	88-1	0.37	0.05	0.06	0.16	114.80	ppb
Sulfur	34-1	318.78	449.70	183.18	317.22	42.01	ppb
Terbium	159-1				83		%
Terbium	159-2				103		%
Thallium	203-1	0.01	-0.01	0.01	0.00	229.40	ppb
Thallium	205-1	0.00	0.02	0.01	0.01	165.65	ppb
Tin	118-1	-0.14	-0.14	-0.13	-0.14		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-06	Instrumnet Name :	P8
Client Sample ID :	FB-08162022	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:04:06	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.35	0.26	0.26	0.29	17.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	41.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				84		%
Yttrium	89-2				105		%
Zinc	66-2	3.55	3.38	2.78	3.23	12.49	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	7534.06	ppb
Zirconium	91-1	0.02	0.00	0.00	0.00	216.69	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-01	Instrumnet Name :	P8
Client Sample ID :	MW-105D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:07:17	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.63	35.02	32.71	34.12	3.63	ppb
Antimony	121-1	0.26	0.25	0.27	0.26	4.00	ppb
Arsenic	75-2	0.37	0.36	0.43	0.39	9.75	ppb
Barium	135-1	12.48	11.68	11.82	11.99	3.54	ppb
Barium	137-1	12.99	12.29	13.17	12.81	3.63	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	4.07	ppb
Bismuth	209-1				80		%
Bismuth	209-2				101		%
Boron	10-1	121.79	119.78	125.91	122.49	2.55	ppb
Boron	11-1	136.11	136.18	136.92	136.40	0.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.15	0.20	0.19	21.32	ppb
Cadmium	106-1	1.60	0.10	0.61	0.77	99.20	ppb
Cadmium	108-1	0.29	0.36	0.18	0.27	31.63	ppb
Calcium	43-1	8103.14	8042.65	8154.55	8100.12	0.69	ppb
Calcium	44-1	8074.90	8112.97	8362.82	8183.56	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.23	1.25	1.12	1.20	5.88	ppb
Cobalt	59-2	0.27	0.23	0.28	0.26	9.65	ppb
Copper	63-2	6.78	6.53	6.73	6.68	1.96	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				85		%
Holmium	165-2				103		%
Indium	115-1				82		%
Indium	115-2				107		%
Iron	54-2	731.24	705.93	699.68	712.28	2.35	ppb
Iron	56-2	726.79	706.65	705.80	713.08	1.67	ppb
Iron	57-2	695.88	699.99	711.95	702.61	1.19	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-01	Instrumnet Name :	P8
Client Sample ID :	MW-105D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:07:17	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.64	2.57	2.60	2.61	1.34	ppb
Lead	207-1	2.55	2.38	2.38	2.43	4.05	ppb
Lead	208-1	2.57	2.43	2.47	2.49	2.89	ppb
Lithium	6-1				79		%
Magnesium	24-2	2202.89	2152.73	2177.81	2177.81	1.15	ppb
Manganese	55-2	27.87	27.07	26.44	27.12	2.65	ppb
Molybdenum	94-1	0.30	0.29	0.38	0.32	14.96	ppb
Molybdenum	95-1	0.32	0.36	0.33	0.34	6.59	ppb
Molybdenum	96-1	0.36	0.32	0.38	0.35	9.17	ppb
Molybdenum	97-1	0.36	0.37	0.27	0.33	16.59	ppb
Molybdenum	98-1	0.30	0.36	0.30	0.32	11.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.86	1.70	1.75	1.77	4.61	ppb
Phosphorus	31-2	-150.83	-220.15	-264.98	-211.99		ppb
Potassium	39-2	30485.88	29521.10	30475.98	30160.99	1.84	ppb
Rhodium	103-1				80		%
Rhodium	103-2				105		%
Scandium	45-1				85		%
Scandium	45-2				105		%
Selenium	82-1	0.88	0.80	0.93	0.87	7.41	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.92	-0.03	1.34	0.74	94.21	ppb
Silicon	28-1	652.41	656.11	656.46	654.99	0.34	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.48	ppb
Silver	109-1	0.01	0.01	0.01	0.01	32.89	ppb
Sodium	23-2	13600.52	13431.91	13423.36	13485.26	0.74	ppb
Strontium	86-1	168.72	169.17	170.16	169.35	0.44	ppb
Strontium	88-1	166.95	163.46	167.31	165.91	1.28	ppb
Sulfur	34-1	1871.51	1615.90	1916.02	1801.14	8.99	ppb
Terbium	159-1				82		%
Terbium	159-2				105		%
Thallium	203-1	0.01	-0.01	0.02	0.01	182.97	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	1353.55	ppb
Tin	118-1	0.21	0.17	0.24	0.21	15.86	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-01	Instrumnet Name :	P8
Client Sample ID :	MW-105D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:07:17	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.34	1.47	1.64	1.48	10.20	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	19.52	ppb
Vanadium	51-2	0.70	0.60	0.65	0.65	7.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				84		%
Yttrium	89-2				106		%
Zinc	66-2	572.90	552.13	543.64	556.22	2.71	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	67.82	ppb
Zirconium	91-1	0.01	0.02	0.02	0.01	6.15	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-02	Instrumnet Name :	P8
Client Sample ID :	MW-105I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:10:26	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.52	22.01	22.86	22.46	1.91	ppb
Antimony	121-1	0.18	0.18	0.20	0.18	6.30	ppb
Arsenic	75-2	4.42	4.13	4.35	4.30	3.55	ppb
Barium	135-1	184.16	197.05	189.56	190.26	3.40	ppb
Barium	137-1	193.54	199.27	192.03	194.95	1.96	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	15.49	ppb
Bismuth	209-1				76		%
Bismuth	209-2				88		%
Boron	10-1	634.23	676.79	698.74	669.92	4.90	ppb
Boron	11-1	665.78	747.04	751.08	721.30	6.67	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	0.17	-0.02	0.12	105.95	ppb
Cadmium	106-1	2.55	1.60	-0.82	1.11	156.57	ppb
Cadmium	108-1	0.05	0.19	-0.09	0.05	286.45	ppb
Calcium	43-1	26036.64	26777.16	26567.08	26460.29	1.44	ppb
Calcium	44-1	26571.41	26757.48	26619.19	26649.36	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.58	7.29	7.24	7.37	2.54	ppb
Cobalt	59-2	0.41	0.37	0.36	0.38	6.83	ppb
Copper	63-2	3.47	3.03	3.17	3.22	6.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				99		%
Indium	115-1				80		%
Indium	115-2				99		%
Iron	54-2	1562.10	1505.41	1533.25	1533.59	1.85	ppb
Iron	56-2	1649.78	1569.18	1583.16	1600.70	2.69	ppb
Iron	57-2	1522.88	1490.30	1509.28	1507.48	1.09	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-02	Instrumnet Name :	P8
Client Sample ID :	MW-105I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:10:26	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.58	1.72	1.63	1.64	4.34	ppb
Lead	207-1	1.48	1.54	1.53	1.51	2.22	ppb
Lead	208-1	1.48	1.58	1.54	1.54	3.47	ppb
Lithium	6-1				78		%
Magnesium	24-2	52820.99	51800.05	52222.78	52281.27	0.98	ppb
Manganese	55-2	36.34	34.39	36.09	35.61	2.98	ppb
Molybdenum	94-1	5.80	5.96	5.98	5.91	1.66	ppb
Molybdenum	95-1	7.16	7.28	6.84	7.09	3.26	ppb
Molybdenum	96-1	6.98	7.06	7.10	7.05	0.85	ppb
Molybdenum	97-1	7.48	7.38	7.23	7.36	1.68	ppb
Molybdenum	98-1	7.06	7.16	6.90	7.04	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.64	3.52	3.38	3.51	3.67	ppb
Phosphorus	31-2	-90.11	-151.31	29.14	-70.76		ppb
Potassium	39-2	41585.96	39612.71	40214.57	40471.08	2.50	ppb
Rhodium	103-1				77		%
Rhodium	103-2				95		%
Scandium	45-1				86		%
Scandium	45-2				99		%
Selenium	82-1	5.50	7.49	7.77	6.92	17.90	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.67	1.11	1.02	0.93	24.83	ppb
Silicon	28-1	4716.69	4998.17	4737.83	4817.56	3.25	ppb
Silver	107-1	0.02	0.01	0.01	0.01	27.26	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.44	ppb
Sodium	23-2	435035.41	408929.82	408261.19	417408.81	3.66	ppb
Strontium	86-1	693.21	686.19	668.98	682.79	1.83	ppb
Strontium	88-1	660.12	675.24	668.03	667.80	1.13	ppb
Sulfur	34-1	18007.24	18617.55	17874.68	18166.49	2.18	ppb
Terbium	159-1				85		%
Terbium	159-2				97		%
Thallium	203-1	0.02	-0.02	0.00	0.00	810.66	ppb
Thallium	205-1	0.01	0.01	0.00	0.00	285.15	ppb
Tin	118-1	-0.06	-0.03	-0.03	-0.04		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-02	Instrumnet Name :	P8
Client Sample ID :	MW-105I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:10:26	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.46	1.55	1.68	1.56	7.27	ppb
Uranium	238-1	1.15	1.15	1.16	1.15	0.63	ppb
Vanadium	51-2	1.10	1.16	1.09	1.11	3.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				85		%
Yttrium	89-2				101		%
Zinc	66-2	89.75	86.69	90.53	88.99	2.28	ppb
Zirconium	90-1	0.06	0.04	0.04	0.05	29.63	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	5.88	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-03	Instrumnet Name :	P8
Client Sample ID :	MW-105S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:13:30	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.83	11.29	10.72	11.28	4.95	ppb
Antimony	121-1	0.14	0.12	0.14	0.13	8.34	ppb
Arsenic	75-2	0.33	0.21	0.31	0.28	23.68	ppb
Barium	135-1	102.10	107.28	103.97	104.45	2.51	ppb
Barium	137-1	108.10	107.28	106.30	107.23	0.84	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	16.31	ppb
Bismuth	209-1				76		%
Bismuth	209-2				95		%
Boron	10-1	653.51	695.59	666.14	671.75	3.21	ppb
Boron	11-1	670.25	736.81	708.35	705.13	4.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	0.02	0.10	-0.01		ppb
Cadmium	106-1	-2.21	0.15	1.08	-0.33		ppb
Cadmium	108-1	0.05	0.12	0.08	0.08	46.65	ppb
Calcium	43-1	84082.26	81193.26	79904.92	81726.81	2.62	ppb
Calcium	44-1	83783.53	82201.96	77823.14	81269.54	3.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.40	1.45	1.32	1.39	4.81	ppb
Cobalt	59-2	0.18	0.19	0.22	0.20	10.64	ppb
Copper	63-2	1.98	1.84	2.07	1.97	5.92	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				88		%
Holmium	165-2				104		%
Indium	115-1				82		%
Indium	115-2				105		%
Iron	54-2	258.44	257.97	270.30	262.24	2.66	ppb
Iron	56-2	258.34	258.38	271.35	262.69	2.86	ppb
Iron	57-2	350.72	347.54	354.93	351.06	1.06	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-03	Instrumnet Name :	P8
Client Sample ID :	MW-105S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:13:30	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.54	0.51	0.51	0.52	3.58	ppb
Lead	207-1	0.53	0.42	0.48	0.48	11.29	ppb
Lead	208-1	0.51	0.46	0.49	0.49	5.12	ppb
Lithium	6-1				78		%
Magnesium	24-2	46480.23	44552.54	47979.89	46337.55	3.71	ppb
Manganese	55-2	110.80	109.99	112.05	110.95	0.94	ppb
Molybdenum	94-1	0.84	0.73	0.79	0.79	7.24	ppb
Molybdenum	95-1	0.19	0.17	0.19	0.18	5.67	ppb
Molybdenum	96-1	0.21	0.24	0.16	0.21	18.89	ppb
Molybdenum	97-1	0.15	0.17	0.15	0.15	7.43	ppb
Molybdenum	98-1	0.16	0.13	0.15	0.15	10.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.84	0.82	0.79	9.57	ppb
Phosphorus	31-2	222.56	131.85	49.34	134.58	64.38	ppb
Potassium	39-2	34727.91	34124.78	34379.09	34410.60	0.88	ppb
Rhodium	103-1				79		%
Rhodium	103-2				99		%
Scandium	45-1				86		%
Scandium	45-2				106		%
Selenium	82-1	6.75	7.77	7.17	7.23	7.05	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	1.07	0.51	1.43	1.00	46.07	ppb
Silicon	28-1	7830.75	7895.55	7315.66	7680.65	4.14	ppb
Silver	107-1	0.01	0.02	0.01	0.02	27.52	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.21	ppb
Sodium	23-2	415159.29	392377.22	416130.72	407889.08	3.30	ppb
Strontium	86-1	933.50	894.52	857.44	895.15	4.25	ppb
Strontium	88-1	898.81	860.78	858.52	872.70	2.59	ppb
Sulfur	34-1	9644.43	9773.14	8798.01	9405.19	5.63	ppb
Terbium	159-1				84		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.01	0.00	-0.01		ppb
Tin	118-1	-0.06	0.00	0.01	-0.02		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-03	Instrumnet Name :	P8
Client Sample ID :	MW-105S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:13:30	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.37	2.63	2.72	2.57	7.01	ppb
Uranium	238-1	0.32	0.32	0.31	0.32	2.35	ppb
Vanadium	51-2	1.35	1.52	1.59	1.49	8.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				85		%
Yttrium	89-2				108		%
Zinc	66-2	30.61	29.51	30.66	30.26	2.15	ppb
Zirconium	90-1	0.35	0.34	0.37	0.36	4.79	ppb
Zirconium	91-1	0.36	0.34	0.30	0.33	8.40	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04	Instrumnet Name :	P8
Client Sample ID :	MW-104D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:19:41	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.68	6.67	7.16	7.17	7.06	ppb
Antimony	121-1	1.43	1.69	1.98	1.70	16.10	ppb
Arsenic	75-2	0.77	0.85	1.26	0.96	26.97	ppb
Barium	135-1	63.93	61.65	65.09	63.56	2.76	ppb
Barium	137-1	65.52	62.90	65.50	64.64	2.33	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	14.15	ppb
Bismuth	209-1				64		%
Bismuth	209-2				76		%
Boron	10-1	2485.33	2440.03	2671.95	2532.44	4.85	ppb
Boron	11-1	2799.18	2938.49	3111.57	2949.75	5.31	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.12	0.04	-0.04		ppb
Cadmium	106-1	-0.51	-1.57	0.50	-0.53		ppb
Cadmium	108-1	0.40	0.63	0.65	0.56	24.45	ppb
Calcium	43-1	112424.23	107965.22	110618.56	110336.00	2.03	ppb
Calcium	44-1	109598.68	107068.88	111136.67	109268.08	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.00	2.12	2.27	2.13	6.32	ppb
Cobalt	59-2	1.76	1.69	1.82	1.75	3.75	ppb
Copper	63-2	0.95	0.97	1.11	1.01	8.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				82		%
Holmium	165-2				97		%
Indium	115-1				74		%
Indium	115-2				95		%
Iron	54-2	2461.06	2301.81	2669.69	2477.52	7.45	ppb
Iron	56-2	2565.76	2433.76	2807.18	2602.23	7.28	ppb
Iron	57-2	2513.55	2417.41	2778.30	2569.75	7.27	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04	Instrumnet Name :	P8
Client Sample ID :	MW-104D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:19:41	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.55	0.63	0.75	0.64	15.55	ppb
Lead	207-1	0.56	0.62	0.67	0.62	9.29	ppb
Lead	208-1	0.53	0.61	0.69	0.61	13.02	ppb
Lithium	6-1				66		%
Magnesium	24-2	357278.69	345140.61	397254.98	366558.09	7.44	ppb
Manganese	55-2	2993.17	2854.80	3289.13	3045.70	7.28	ppb
Molybdenum	94-1	4.83	4.86	4.93	4.87	1.03	ppb
Molybdenum	95-1	4.01	3.72	4.09	3.94	4.97	ppb
Molybdenum	96-1	3.99	3.85	3.92	3.92	1.68	ppb
Molybdenum	97-1	3.91	3.99	4.26	4.05	4.49	ppb
Molybdenum	98-1	3.72	3.63	3.65	3.67	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.52	4.61	5.18	4.77	7.53	ppb
Phosphorus	31-2	-264.75	-252.37	-125.68	-214.27		ppb
Potassium	39-2	152677.92	149177.85	169918.86	157258.21	7.06	ppb
Rhodium	103-1				67		%
Rhodium	103-2				83		%
Scandium	45-1				83		%
Scandium	45-2				100		%
Selenium	82-1	26.99	30.30	36.86	31.38	16.01	ppb
Selenium	77-2	-0.33	0.64	0.76	0.36	166.34	ppb
Selenium	78-2	1.32	1.55	1.23	1.37	11.96	ppb
Silicon	28-1	5885.15	5738.69	5672.11	5765.32	1.89	ppb
Silver	107-1	0.17	0.11	0.16	0.15	22.19	ppb
Silver	109-1	0.18	0.13	0.19	0.16	20.60	ppb
Sodium	23-2	3894354.01	3664233.33	4215031.31	3924539.55	7.05	ppb
Strontium	86-1	2253.47	2122.51	2237.07	2204.35	3.24	ppb
Strontium	88-1	2137.05	2135.85	2213.18	2162.03	2.05	ppb
Sulfur	34-1	185983.22	182308.91	178930.97	182407.70	1.93	ppb
Terbium	159-1				82		%
Terbium	159-2				94		%
Thallium	203-1	0.08	0.14	0.29	0.17	63.47	ppb
Thallium	205-1	0.08	0.15	0.28	0.17	59.42	ppb
Tin	118-1	0.82	1.38	1.72	1.31	35.07	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04	Instrumnet Name :	P8
Client Sample ID :	MW-104D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:19:41	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.06	5.76	6.02	5.61	8.84	ppb
Uranium	238-1	5.86	6.13	6.09	6.03	2.40	ppb
Vanadium	51-2	0.23	0.20	0.26	0.23	14.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				83		%
Yttrium	89-2				102		%
Zinc	66-2	17.25	17.10	19.92	18.09	8.76	ppb
Zirconium	90-1	1.00	0.96	1.00	0.99	2.30	ppb
Zirconium	91-1	1.08	0.92	1.16	1.05	11.95	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-05	Instrumnet Name :	P8
Client Sample ID :	MW-104I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:22:42	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.33	15.79	14.82	15.31	3.16	ppb
Antimony	121-1	0.24	0.25	0.23	0.24	4.16	ppb
Arsenic	75-2	9.84	10.27	9.66	9.92	3.16	ppb
Barium	135-1	284.88	290.80	276.63	284.11	2.50	ppb
Barium	137-1	293.09	296.79	288.35	292.74	1.45	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	18.77	ppb
Bismuth	209-1				79		%
Bismuth	209-2				97		%
Boron	10-1	736.58	735.93	682.20	718.24	4.35	ppb
Boron	11-1	835.98	765.73	700.17	767.29	8.85	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	0.15	-0.01	0.11	100.67	ppb
Cadmium	106-1	1.81	1.25	-0.40	0.89	129.74	ppb
Cadmium	108-1	0.06	0.06	0.18	0.10	68.62	ppb
Calcium	43-1	25137.62	24194.89	24175.35	24502.62	2.24	ppb
Calcium	44-1	25554.35	24257.72	24763.43	24858.50	2.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.29	1.21	1.22	1.24	3.57	ppb
Cobalt	59-2	1.34	1.41	1.27	1.34	5.26	ppb
Copper	63-2	1.55	1.66	1.56	1.59	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				108		%
Indium	115-1				84		%
Indium	115-2				109		%
Iron	54-2	3395.41	3538.40	3307.09	3413.63	3.42	ppb
Iron	56-2	3435.76	3887.64	3510.76	3611.39	6.71	ppb
Iron	57-2	3354.63	3590.94	3358.74	3434.77	3.94	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-05	Instrumnet Name :	P8
Client Sample ID :	MW-104I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:22:42	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.38	1.35	1.30	1.34	3.06	ppb
Lead	207-1	1.28	1.25	1.24	1.26	1.49	ppb
Lead	208-1	1.31	1.31	1.26	1.29	2.19	ppb
Lithium	6-1				85		%
Magnesium	24-2	48984.96	50411.15	48351.36	49249.16	2.14	ppb
Manganese	55-2	841.83	898.44	835.19	858.49	4.05	ppb
Molybdenum	94-1	4.91	4.79	4.91	4.87	1.36	ppb
Molybdenum	95-1	6.20	6.03	5.99	6.07	1.83	ppb
Molybdenum	96-1	5.78	5.77	5.84	5.80	0.60	ppb
Molybdenum	97-1	5.99	5.82	5.86	5.89	1.49	ppb
Molybdenum	98-1	5.99	5.80	5.90	5.90	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.66	1.95	1.73	1.78	8.41	ppb
Phosphorus	31-2	-137.51	29.25	-43.98	-50.74		ppb
Potassium	39-2	41538.56	44378.20	41281.18	42399.31	4.05	ppb
Rhodium	103-1				82		%
Rhodium	103-2				102		%
Scandium	45-1				92		%
Scandium	45-2				110		%
Selenium	82-1	8.97	8.99	9.09	9.02	0.72	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.78	0.91	0.83	0.84	7.67	ppb
Silicon	28-1	5867.73	5562.68	5690.06	5706.82	2.68	ppb
Silver	107-1	0.11	0.06	0.04	0.07	52.56	ppb
Silver	109-1	0.09	0.05	0.04	0.06	50.08	ppb
Sodium	23-2	432938.56	457641.56	423643.79	438074.64	4.01	ppb
Strontium	86-1	514.76	506.77	502.61	508.04	1.22	ppb
Strontium	88-1	507.42	490.05	487.96	495.14	2.16	ppb
Sulfur	34-1	42949.45	41014.43	40759.25	41574.37	2.88	ppb
Terbium	159-1				90		%
Terbium	159-2				107		%
Thallium	203-1	0.19	0.19	0.17	0.18	6.53	ppb
Thallium	205-1	0.22	0.17	0.16	0.18	17.69	ppb
Tin	118-1	0.40	0.37	0.42	0.40	6.91	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-05	Instrumnet Name :	P8
Client Sample ID :	MW-104I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:22:42	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.97	1.68	1.62	1.76	10.75	ppb
Uranium	238-1	0.56	0.57	0.58	0.57	1.07	ppb
Vanadium	51-2	0.32	0.31	0.25	0.29	13.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				111		%
Zinc	66-2	14.95	15.90	14.46	15.11	4.86	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	29.21	ppb
Zirconium	91-1	0.04	0.04	0.05	0.04	18.67	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-06	Instrumnet Name :	P8
Client Sample ID :	MW-103D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:25:45	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.87	17.20	17.59	17.56	1.92	ppb
Antimony	121-1	0.14	0.15	0.16	0.15	4.40	ppb
Arsenic	75-2	1.76	1.91	2.17	1.95	10.87	ppb
Barium	135-1	63.55	68.76	64.72	65.68	4.17	ppb
Barium	137-1	65.32	70.82	66.38	67.51	4.32	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	9.61	ppb
Bismuth	209-1				76		%
Bismuth	209-2				95		%
Boron	10-1	599.19	647.55	636.05	627.60	4.03	ppb
Boron	11-1	619.00	703.65	668.90	663.85	6.41	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.15	0.06	0.08	68.45	ppb
Cadmium	106-1	0.30	1.62	0.47	0.79	90.50	ppb
Cadmium	108-1	0.14	-0.05	0.17	0.09	131.63	ppb
Calcium	43-1	10576.11	11306.33	10987.45	10956.63	3.34	ppb
Calcium	44-1	11014.69	11737.99	10925.85	11226.18	3.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.75	1.51	1.87	1.71	10.62	ppb
Cobalt	59-2	0.25	0.24	0.28	0.25	7.59	ppb
Copper	63-2	3.20	3.00	3.16	3.12	3.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				110		%
Indium	115-1				83		%
Indium	115-2				110		%
Iron	54-2	172.76	172.54	179.97	175.09	2.41	ppb
Iron	56-2	171.07	169.07	177.05	172.40	2.41	ppb
Iron	57-2	170.02	179.95	184.39	178.12	4.13	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-06	Instrumnet Name :	P8
Client Sample ID :	MW-103D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:25:45	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	0.95	0.96	0.93	4.34	ppb
Lead	207-1	0.81	0.91	0.84	0.85	5.63	ppb
Lead	208-1	0.86	0.90	0.87	0.88	2.63	ppb
Lithium	6-1				80		%
Magnesium	24-2	17026.58	16324.17	17652.92	17001.22	3.91	ppb
Manganese	55-2	354.86	349.78	366.29	356.98	2.37	ppb
Molybdenum	94-1	1.99	2.24	2.05	2.09	6.20	ppb
Molybdenum	95-1	2.64	2.59	2.65	2.63	1.09	ppb
Molybdenum	96-1	2.48	2.43	2.38	2.43	2.14	ppb
Molybdenum	97-1	2.50	2.66	2.54	2.57	3.37	ppb
Molybdenum	98-1	2.55	2.68	2.68	2.64	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.32	1.26	1.30	1.29	2.53	ppb
Phosphorus	31-2	-210.46	-328.48	-246.70	-261.88		ppb
Potassium	39-2	32109.67	31358.40	33465.43	32311.17	3.30	ppb
Rhodium	103-1				80		%
Rhodium	103-2				103		%
Scandium	45-1				91		%
Scandium	45-2				110		%
Selenium	82-1	9.62	10.23	11.82	10.56	10.72	ppb
Selenium	77-2	0.58	-0.33	-0.33	-0.03		ppb
Selenium	78-2	1.37	1.56	0.94	1.29	24.61	ppb
Silicon	28-1	5148.76	5525.06	5521.60	5398.47	4.01	ppb
Silver	107-1	0.03	0.04	0.03	0.03	28.77	ppb
Silver	109-1	0.03	0.03	0.05	0.04	27.10	ppb
Sodium	23-2	734112.72	721976.16	779838.84	745309.24	4.09	ppb
Strontium	86-1	178.55	187.67	176.37	180.87	3.32	ppb
Strontium	88-1	175.64	185.95	179.89	180.50	2.87	ppb
Sulfur	34-1	51042.72	53420.64	53907.97	52790.44	2.90	ppb
Terbium	159-1				88		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.07	0.07	0.07	8.70	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	8.99	ppb
Tin	118-1	0.04	0.12	0.07	0.08	51.13	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-06	Instrumnet Name :	P8
Client Sample ID :	MW-103D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:25:45	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.67	2.00	1.84	1.84	8.98	ppb
Uranium	238-1	0.53	0.55	0.54	0.54	2.53	ppb
Vanadium	51-2	1.57	1.47	1.62	1.55	5.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				114		%
Zinc	66-2	12.80	13.05	13.65	13.17	3.30	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	123.05	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	54.47	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07	Instrumnet Name :	P8
Client Sample ID :	MW-103I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:35:15	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.16	8.64	8.26	8.69	5.23	ppb
Antimony	121-1	0.19	0.16	0.17	0.17	7.55	ppb
Arsenic	75-2	7.55	7.00	6.88	7.14	5.05	ppb
Barium	135-1	301.16	301.34	298.31	300.27	0.57	ppb
Barium	137-1	310.06	310.67	305.52	308.75	0.91	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	8.33	ppb
Bismuth	209-1				78		%
Bismuth	209-2				105		%
Boron	10-1	785.30	754.89	758.85	766.35	2.16	ppb
Boron	11-1	819.63	837.62	802.74	820.00	2.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	-0.03	0.10	0.07	133.25	ppb
Cadmium	106-1	1.39	-0.73	0.91	0.52	212.82	ppb
Cadmium	108-1	-0.05	-0.08	0.02	-0.04		ppb
Calcium	43-1	81222.96	81561.02	79530.81	80771.60	1.35	ppb
Calcium	44-1	80993.88	80802.13	78442.96	80079.66	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.63	1.55	1.64	1.61	3.23	ppb
Cobalt	59-2	0.37	0.34	0.32	0.34	6.98	ppb
Copper	63-2	1.43	1.24	1.37	1.35	7.10	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				93		%
Holmium	165-2				122		%
Indium	115-1				86		%
Indium	115-2				123		%
Iron	54-2	1315.21	1246.40	1294.70	1285.44	2.75	ppb
Iron	56-2	1343.62	1272.30	1320.32	1312.08	2.77	ppb
Iron	57-2	1382.17	1293.54	1305.04	1326.92	3.63	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07	Instrumnet Name :	P8
Client Sample ID :	MW-103I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:35:15	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.71	0.69	0.66	0.69	3.58	ppb
Lead	207-1	0.68	0.63	0.60	0.64	6.46	ppb
Lead	208-1	0.67	0.67	0.64	0.66	3.02	ppb
Lithium	6-1				81		%
Magnesium	24-2	94159.47	89652.80	90328.88	91380.38	2.66	ppb
Manganese	55-2	826.63	789.35	804.95	806.98	2.32	ppb
Molybdenum	94-1	0.73	0.70	0.67	0.70	3.79	ppb
Molybdenum	95-1	0.75	0.75	0.77	0.76	1.42	ppb
Molybdenum	96-1	0.67	0.62	0.67	0.65	4.28	ppb
Molybdenum	97-1	0.73	0.79	0.79	0.77	4.15	ppb
Molybdenum	98-1	0.66	0.65	0.63	0.65	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.88	0.96	0.93	4.27	ppb
Phosphorus	31-2	1438.60	983.21	1199.87	1207.23	18.87	ppb
Potassium	39-2	37958.71	35172.00	36188.51	36439.74	3.87	ppb
Rhodium	103-1				85		%
Rhodium	103-2				115		%
Scandium	45-1				95		%
Scandium	45-2				122		%
Selenium	82-1	11.94	11.36	12.56	11.95	5.03	ppb
Selenium	77-2	-0.33	1.12	-0.33	0.16	536.43	ppb
Selenium	78-2	1.36	-0.07	0.00	0.43	187.97	ppb
Silicon	28-1	7963.07	7894.48	7605.68	7821.08	2.43	ppb
Silver	107-1	0.04	0.03	0.04	0.04	20.37	ppb
Silver	109-1	0.03	0.04	0.28	0.12	118.96	ppb
Sodium	23-2	610744.26	573847.05	598211.55	594267.62	3.16	ppb
Strontium	86-1	918.66	929.53	900.51	916.23	1.60	ppb
Strontium	88-1	899.56	928.86	914.73	914.38	1.60	ppb
Sulfur	34-1	25222.52	23963.57	22126.57	23770.88	6.55	ppb
Terbium	159-1				91		%
Terbium	159-2				119		%
Thallium	203-1	0.09	0.08	0.07	0.08	12.55	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	9.66	ppb
Tin	118-1	0.22	0.21	0.21	0.21	3.94	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07	Instrumnet Name :	P8
Client Sample ID :	MW-103I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:35:15	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.09	2.92	2.85	2.95	4.13	ppb
Uranium	238-1	0.06	0.08	0.07	0.07	10.26	ppb
Vanadium	51-2	0.75	0.62	0.71	0.70	10.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				130		%
Zinc	66-2	24.24	21.23	22.72	22.73	6.62	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	8.33	ppb
Zirconium	91-1	0.09	0.08	0.10	0.09	8.31	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:40:46	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48419.47	48767.28	47669.75	48285.50	1.16	ppb
Antimony	121-1	482.15	474.45	478.11	478.23	0.81	ppb
Arsenic	75-2	481.65	483.75	474.15	479.85	1.05	ppb
Barium	135-1	2366.96	2427.63	2457.19	2417.26	1.90	ppb
Barium	137-1	2488.00	2407.84	2392.58	2429.48	2.11	ppb
Beryllium	9-1	474.76	469.13	469.13	471.01	0.69	ppb
Bismuth	209-1				78		%
Bismuth	209-2				98		%
Boron	10-1	493.89	529.90	535.32	519.70	4.33	ppb
Boron	11-1	514.02	543.55	544.79	534.12	3.26	ppb
Bromine	81-1						cps
Cadmium	111-1	492.96	481.66	492.53	489.05	1.31	ppb
Cadmium	106-1	483.97	483.44	490.66	486.02	0.83	ppb
Cadmium	108-1	484.22	490.30	499.88	491.47	1.61	ppb
Calcium	43-1	244704.43	234200.86	235589.07	238164.78	2.40	ppb
Calcium	44-1	238704.74	229415.44	227314.38	231811.52	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.72	482.17	470.60	476.50	1.21	ppb
Cobalt	59-2	454.33	460.54	442.79	452.55	1.99	ppb
Copper	63-2	4744.37	4949.65	4537.88	4743.96	4.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				112		%
Indium	115-1				83		%
Indium	115-2				109		%
Iron	54-2	127117.06	124202.66	124652.39	125324.04	1.25	ppb
Iron	56-2	124891.97	122200.50	122344.03	123145.50	1.23	ppb
Iron	57-2	123370.84	122325.08	121741.23	122479.05	0.67	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:40:46	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2495.27	2449.47	2452.17	2465.63	1.04	ppb
Lead	207-1	2484.93	2414.80	2489.79	2463.17	1.70	ppb
Lead	208-1	2480.36	2406.75	2437.82	2441.64	1.51	ppb
Lithium	6-1				83		%
Magnesium	24-2	246174.80	256559.89	242660.67	248465.12	2.91	ppb
Manganese	55-2	4724.95	4697.85	4720.84	4714.55	0.31	ppb
Molybdenum	94-1	4698.76	4891.47	4622.51	4737.58	2.93	ppb
Molybdenum	95-1	4629.22	4878.93	4559.72	4689.29	3.58	ppb
Molybdenum	96-1	4703.93	4820.25	4626.31	4716.83	2.07	ppb
Molybdenum	97-1	4591.90	4810.76	4655.89	4686.18	2.40	ppb
Molybdenum	98-1	4607.50	4725.90	4682.78	4672.06	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.34	505.37	500.05	507.92	1.85	ppb
Phosphorus	31-2	9060.19	9242.65	8879.01	9060.62	2.01	ppb
Potassium	39-2	121534.31	124986.25	117673.91	121398.16	3.01	ppb
Rhodium	103-1				80		%
Rhodium	103-2				101		%
Scandium	45-1				89		%
Scandium	45-2				112		%
Selenium	82-1	495.56	520.54	500.26	505.46	2.63	ppb
Selenium	77-2	519.01	500.14	537.34	518.83	3.59	ppb
Selenium	78-2	523.76	512.33	487.57	507.88	3.64	ppb
Silicon	28-1	488.27	477.03	475.23	480.18	1.47	ppb
Silver	107-1	492.66	479.16	497.16	489.66	1.91	ppb
Silver	109-1	500.95	496.51	496.27	497.91	0.53	ppb
Sodium	23-2	243894.57	245312.05	237396.49	242201.04	1.74	ppb
Strontium	86-1	11645.78	12328.73	11813.84	11929.45	2.98	ppb
Strontium	88-1	11523.91	12177.64	11852.47	11851.34	2.76	ppb
Sulfur	34-1	10934.48	10049.04	10056.82	10346.78	4.92	ppb
Terbium	159-1				88		%
Terbium	159-2				109		%
Thallium	203-1	493.18	480.83	469.56	481.19	2.46	ppb
Thallium	205-1	490.42	490.34	479.09	486.62	1.34	ppb
Tin	118-1	486.99	490.93	493.27	490.39	0.65	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:40:46	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4908.03	4811.02	4899.51	4872.85	1.10	ppb
Uranium	238-1	506.58	498.43	485.75	496.92	2.11	ppb
Vanadium	51-2	482.07	476.67	462.65	473.80	2.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				113		%
Zinc	66-2	4762.83	4774.71	4734.33	4757.29	0.44	ppb
Zirconium	90-1	469.24	499.19	484.19	484.21	3.09	ppb
Zirconium	91-1	488.38	502.78	499.75	496.97	1.53	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:48:37	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	0.13	0.06	0.08	52.71	ppb
Antimony	121-1	0.04	0.06	0.11	0.07	54.44	ppb
Arsenic	75-2	0.00	0.02	0.02	0.01	105.78	ppb
Barium	135-1	0.00	0.01	0.09	0.03	144.52	ppb
Barium	137-1	0.03	-0.01	0.08	0.03	125.50	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	52.09	ppb
Bismuth	209-1				81		%
Bismuth	209-2				106		%
Boron	10-1	61.91	63.46	59.33	61.57	3.39	ppb
Boron	11-1	67.79	69.39	65.06	67.41	3.25	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.04	-0.22	-0.13		ppb
Cadmium	106-1	-1.92	-0.89	-3.37	-2.06		ppb
Cadmium	108-1	-0.14	-0.13	-0.05	-0.11		ppb
Calcium	43-1	0.37	-0.04	9.46	3.27	164.41	ppb
Calcium	44-1	3.10	3.13	12.81	6.35	88.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.02	0.03	0.04	61.65	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.25	0.18	0.15	0.19	26.85	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				83		%
Holmium	165-2				107		%
Indium	115-1				82		%
Indium	115-2				112		%
Iron	54-2	0.58	1.55	3.17	1.76	74.11	ppb
Iron	56-2	0.47	0.32	0.29	0.36	26.38	ppb
Iron	57-2	0.22	0.34	1.29	0.62	94.65	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:48:37	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.07	0.14	0.11	33.15	ppb
Lead	207-1	0.09	0.07	0.13	0.10	32.13	ppb
Lead	208-1	0.10	0.08	0.14	0.10	32.20	ppb
Lithium	6-1				79		%
Magnesium	24-2	0.30	0.39	0.56	0.42	31.80	ppb
Manganese	55-2	0.01	0.01	0.02	0.01	66.76	ppb
Molybdenum	94-1	0.12	0.11	0.37	0.20	74.63	ppb
Molybdenum	95-1	0.18	0.14	0.32	0.22	43.89	ppb
Molybdenum	96-1	0.13	0.11	0.31	0.18	59.27	ppb
Molybdenum	97-1	0.17	0.15	0.38	0.24	53.28	ppb
Molybdenum	98-1	0.15	0.12	0.33	0.20	55.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.03	0.01	247.61	ppb
Phosphorus	31-2	-327.68	-434.46	-487.81	-416.65		ppb
Potassium	39-2	46.25	41.85	53.85	47.32	12.84	ppb
Rhodium	103-1				83		%
Rhodium	103-2				108		%
Scandium	45-1				83		%
Scandium	45-2				105		%
Selenium	82-1	0.86	0.35	0.55	0.59	43.58	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.45	0.61	1.61	0.89	70.53	ppb
Silicon	28-1	15.53	16.44	9.05	13.67	29.47	ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.06	ppb
Silver	109-1	0.02	0.01	0.01	0.01	24.89	ppb
Sodium	23-2	201.08	194.22	199.87	198.39	1.85	ppb
Strontium	86-1	0.16	0.17	0.46	0.26	64.41	ppb
Strontium	88-1	0.01	0.01	0.36	0.13	160.13	ppb
Sulfur	34-1	852.25	1033.93	497.34	794.50	34.35	ppb
Terbium	159-1				82		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.02	0.02	0.01	85.23	ppb
Thallium	205-1	0.00	0.00	0.02	0.01	109.94	ppb
Tin	118-1	0.06	0.12	0.09	0.09	34.92	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:48:37	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.09	0.23	0.11	116.61	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	196.66	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	85.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				84		%
Yttrium	89-2				108		%
Zinc	66-2	0.08	0.03	0.10	0.07	56.71	ppb
Zirconium	90-1	0.00	0.00	0.02	0.00	338.61	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	75.44	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-08	Instrumnet Name :	P8
Client Sample ID :	MW-103S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:51:47	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	166.47	163.87	189.71	173.35	8.21	ppb
Antimony	121-1	0.42	0.46	0.47	0.45	5.35	ppb
Arsenic	75-2	0.85	0.81	1.56	1.08	39.20	ppb
Barium	135-1	323.07	324.35	325.42	324.28	0.36	ppb
Barium	137-1	333.94	329.96	338.87	334.26	1.33	ppb
Beryllium	9-1	0.04	0.05	0.03	0.04	22.35	ppb
Bismuth	209-1				66		%
Bismuth	209-2				82		%
Boron	10-1	1137.92	1266.76	1202.89	1202.52	5.36	ppb
Boron	11-1	1200.29	1374.55	1246.91	1273.92	7.08	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.23	0.01	-0.08	-0.10		ppb
Cadmium	106-1	-3.01	-0.23	-1.35	-1.53		ppb
Cadmium	108-1	0.33	0.17	0.13	0.21	50.79	ppb
Calcium	43-1	106918.80	108716.67	111155.13	108930.20	1.95	ppb
Calcium	44-1	108581.62	109188.15	111977.60	109915.79	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.86	1.76	2.31	1.98	14.92	ppb
Cobalt	59-2	0.36	0.40	0.92	0.56	55.41	ppb
Copper	63-2	1.76	1.78	8.13	3.89	94.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				82		%
Holmium	165-2				99		%
Indium	115-1				74		%
Indium	115-2				98		%
Iron	54-2	2230.17	2237.87	2268.63	2245.56	0.91	ppb
Iron	56-2	2340.46	2367.37	2427.80	2378.55	1.88	ppb
Iron	57-2	2317.87	2368.15	2363.15	2349.72	1.18	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-08	Instrumnet Name :	P8
Client Sample ID :	MW-103S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:51:47	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.84	7.12	7.15	7.03	2.45	ppb
Lead	207-1	6.68	6.80	6.90	6.79	1.57	ppb
Lead	208-1	6.79	6.87	6.96	6.87	1.24	ppb
Lithium	6-1				72		%
Magnesium	24-2	161312.50	158225.88	153427.77	157655.38	2.52	ppb
Manganese	55-2	226.46	229.11	235.02	230.20	1.90	ppb
Molybdenum	94-1	1.40	1.54	1.47	1.47	4.88	ppb
Molybdenum	95-1	0.51	0.40	0.46	0.45	12.06	ppb
Molybdenum	96-1	0.68	0.55	0.51	0.58	15.31	ppb
Molybdenum	97-1	0.48	0.54	0.49	0.50	6.29	ppb
Molybdenum	98-1	0.51	0.43	0.35	0.43	19.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	1.25	1.79	1.42	22.25	ppb
Phosphorus	31-2	262.60	253.54	179.49	231.87	19.66	ppb
Potassium	39-2	88898.06	88730.96	87221.97	88283.67	1.05	ppb
Rhodium	103-1				71		%
Rhodium	103-2				90		%
Scandium	45-1				83		%
Scandium	45-2				101		%
Selenium	82-1	18.84	20.66	21.95	20.48	7.63	ppb
Selenium	77-2	-0.33	2.73	-0.33	0.69	254.81	ppb
Selenium	78-2	1.48	1.01	2.34	1.61	41.76	ppb
Silicon	28-1	7439.63	7746.12	7770.30	7652.02	2.41	ppb
Silver	107-1	0.03	0.03	0.04	0.03	19.04	ppb
Silver	109-1	0.02	0.03	0.05	0.04	37.67	ppb
Sodium	23-2	1681758.09	1688572.75	1636297.11	1668875.99	1.70	ppb
Strontium	86-1	2411.13	2550.99	2456.50	2472.87	2.89	ppb
Strontium	88-1	2391.72	2403.71	2464.58	2420.00	1.61	ppb
Sulfur	34-1	2168.19	2403.74	2062.08	2211.33	7.91	ppb
Terbium	159-1				82		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.04	0.03	0.03	18.10	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	17.71	ppb
Tin	118-1	0.16	0.17	0.23	0.19	19.43	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-08	Instrumnet Name :	P8
Client Sample ID :	MW-103S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:51:47	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.91	11.23	11.37	11.17	2.09	ppb
Uranium	238-1	0.06	0.04	0.04	0.05	28.27	ppb
Vanadium	51-2	3.03	2.86	3.83	3.24	15.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				82		%
Yttrium	89-2				103		%
Zinc	66-2	12.48	12.23	17.19	13.97	20.01	ppb
Zirconium	90-1	0.60	0.63	0.64	0.63	3.38	ppb
Zirconium	91-1	0.62	0.63	0.68	0.65	5.06	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-101MS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:02:02	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9371.37	9220.06	9174.56	9255.33	1.11	ppb
Antimony	121-1	526.99	502.84	557.07	528.97	5.14	ppb
Arsenic	75-2	541.93	528.60	520.25	530.26	2.06	ppb
Barium	135-1	2559.85	2391.66	2633.96	2528.49	4.91	ppb
Barium	137-1	2531.47	2364.95	2643.93	2513.45	5.58	ppb
Beryllium	9-1	510.86	496.04	550.59	519.16	5.43	ppb
Bismuth	209-1				75		%
Bismuth	209-2				97		%
Boron	10-1	492.47	504.93	563.29	520.23	7.27	ppb
Boron	11-1	488.62	517.29	561.10	522.34	6.99	ppb
Bromine	81-1						cps
Cadmium	111-1	515.00	495.57	543.01	517.86	4.61	ppb
Cadmium	106-1	509.91	486.16	529.20	508.42	4.24	ppb
Cadmium	108-1	503.78	484.75	524.40	504.31	3.93	ppb
Calcium	43-1	103451.55	101058.10	108679.25	104396.30	3.73	ppb
Calcium	44-1	102941.90	101508.54	108749.55	104399.99	3.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	457.82	455.71	450.04	454.52	0.89	ppb
Cobalt	59-2	462.74	455.39	453.77	457.30	1.04	ppb
Copper	63-2	5288.28	5291.24	5119.08	5232.87	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				81		%
Holmium	165-2				105		%
Indium	115-1				77		%
Indium	115-2				106		%
Iron	54-2	26323.30	26169.23	26181.63	26224.72	0.33	ppb
Iron	56-2	25046.41	25323.88	25998.19	25456.16	1.92	ppb
Iron	57-2	24028.97	24574.78	24313.85	24305.87	1.12	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-101MS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:02:02	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2305.22	2310.38	2513.49	2376.36	5.00	ppb
Lead	207-1	2313.21	2358.19	2573.53	2414.98	5.76	ppb
Lead	208-1	2303.99	2316.65	2542.93	2387.86	5.63	ppb
Lithium	6-1				71		%
Magnesium	24-2	69479.77	67911.68	66041.85	67811.10	2.54	ppb
Manganese	55-2	5213.85	5334.40	5333.99	5294.08	1.31	ppb
Molybdenum	94-1	2812.54	2861.24	2986.92	2886.90	3.12	ppb
Molybdenum	95-1	2434.55	2477.78	2554.40	2488.91	2.44	ppb
Molybdenum	96-1	2397.85	2445.58	2595.00	2479.48	4.15	ppb
Molybdenum	97-1	2432.27	2410.80	2606.46	2483.18	4.32	ppb
Molybdenum	98-1	2432.95	2457.02	2568.35	2486.11	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.62	473.77	468.75	475.05	1.48	ppb
Phosphorus	31-2	-475.02	-509.34	-567.04	-517.13		ppb
Potassium	39-2	26871.47	26451.16	25953.67	26425.43	1.74	ppb
Rhodium	103-1				75		%
Rhodium	103-2				101		%
Scandium	45-1				82		%
Scandium	45-2				105		%
Selenium	82-1	503.03	507.46	529.06	513.18	2.71	ppb
Selenium	77-2	477.37	498.07	532.09	502.51	5.50	ppb
Selenium	78-2	504.60	494.60	486.07	495.09	1.87	ppb
Silicon	28-1	3007.40	3034.89	3263.79	3102.02	4.54	ppb
Silver	107-1	360.26	252.88	242.21	285.12	22.90	ppb
Silver	109-1	364.76	223.31	274.80	287.62	24.89	ppb
Sodium	23-2	93908.07	93007.74	92148.97	93021.60	0.95	ppb
Strontium	86-1	625.86	631.07	690.65	649.19	5.54	ppb
Strontium	88-1	610.91	611.36	649.29	623.85	3.53	ppb
Sulfur	34-1	10439.35	10241.89	11258.15	10646.46	5.06	ppb
Terbium	159-1				80		%
Terbium	159-2				104		%
Thallium	203-1	457.82	467.27	493.63	472.91	3.92	ppb
Thallium	205-1	463.36	465.73	503.06	477.38	4.66	ppb
Tin	118-1	502.23	479.48	537.20	506.30	5.74	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-101MS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:02:02	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2399.65	2351.30	2597.43	2449.46	5.32	ppb
Uranium	238-1	454.70	453.53	497.86	468.70	5.39	ppb
Vanadium	51-2	483.41	474.45	469.79	475.88	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				81		%
Yttrium	89-2				107		%
Zinc	66-2	4261.57	4239.19	4165.26	4222.01	1.19	ppb
Zirconium	90-1	480.67	464.95	496.71	480.78	3.30	ppb
Zirconium	91-1	475.54	474.06	510.00	486.54	4.18	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-101MSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:04:59	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9551.03	9644.40	9268.41	9487.95	2.06	ppb
Antimony	121-1	527.03	551.37	547.87	542.09	2.43	ppb
Arsenic	75-2	537.14	535.21	525.29	532.55	1.19	ppb
Barium	135-1	2534.79	2647.78	2595.07	2592.55	2.18	ppb
Barium	137-1	2598.00	2664.13	2647.88	2636.67	1.31	ppb
Beryllium	9-1	503.16	523.72	508.50	511.80	2.08	ppb
Bismuth	209-1				73		%
Bismuth	209-2				100		%
Boron	10-1	509.67	520.78	566.10	532.18	5.62	ppb
Boron	11-1	502.04	540.85	568.56	537.15	6.22	ppb
Bromine	81-1						cps
Cadmium	111-1	523.92	536.99	535.82	532.24	1.36	ppb
Cadmium	106-1	524.87	534.98	517.62	525.83	1.66	ppb
Cadmium	108-1	514.75	529.51	526.15	523.47	1.48	ppb
Calcium	43-1	108540.98	109943.74	102634.00	107039.57	3.62	ppb
Calcium	44-1	108399.01	108514.17	107051.98	107988.39	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	464.27	475.51	449.00	462.93	2.88	ppb
Cobalt	59-2	474.77	476.30	452.57	467.88	2.84	ppb
Copper	63-2	5446.09	5357.16	5233.63	5345.63	2.00	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				80		%
Holmium	165-2				108		%
Indium	115-1				76		%
Indium	115-2				109		%
Iron	54-2	26674.14	27841.78	25970.64	26828.85	3.52	ppb
Iron	56-2	26187.26	25825.11	25379.74	25797.37	1.57	ppb
Iron	57-2	25453.56	25123.04	24256.68	24944.43	2.48	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-101MSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:04:59	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2443.57	2497.85	2459.78	2467.07	1.13	ppb
Lead	207-1	2472.77	2514.85	2468.53	2485.39	1.03	ppb
Lead	208-1	2473.32	2520.85	2442.80	2478.99	1.59	ppb
Lithium	6-1				74		%
Magnesium	24-2	70766.61	69701.26	66651.38	69039.75	3.09	ppb
Manganese	55-2	5409.45	5460.64	5328.22	5399.44	1.24	ppb
Molybdenum	94-1	2813.56	2972.48	3059.21	2948.42	4.23	ppb
Molybdenum	95-1	2448.08	2518.34	2630.25	2532.22	3.63	ppb
Molybdenum	96-1	2484.94	2594.70	2648.64	2576.09	3.24	ppb
Molybdenum	97-1	2460.82	2517.15	2643.71	2540.56	3.69	ppb
Molybdenum	98-1	2463.12	2538.07	2591.14	2530.78	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.22	500.44	478.08	490.91	2.35	ppb
Phosphorus	31-2	-497.04	-517.31	-552.69	-522.35		ppb
Potassium	39-2	27140.08	27266.07	27071.53	27159.22	0.36	ppb
Rhodium	103-1				75		%
Rhodium	103-2				102		%
Scandium	45-1				80		%
Scandium	45-2				106		%
Selenium	82-1	501.24	524.31	536.31	520.62	3.42	ppb
Selenium	77-2	502.20	517.01	498.67	505.96	1.92	ppb
Selenium	78-2	512.57	498.32	489.64	500.18	2.31	ppb
Silicon	28-1	3190.48	3302.82	3306.87	3266.72	2.02	ppb
Silver	107-1	256.87	409.34	419.36	361.86	25.16	ppb
Silver	109-1	229.83	411.79	296.27	312.63	29.45	ppb
Sodium	23-2	97302.80	95508.39	90654.46	94488.55	3.64	ppb
Strontium	86-1	633.55	650.87	650.44	644.95	1.53	ppb
Strontium	88-1	617.99	657.47	654.91	643.46	3.43	ppb
Sulfur	34-1	11307.83	10862.54	11390.75	11187.04	2.54	ppb
Terbium	159-1				78		%
Terbium	159-2				107		%
Thallium	203-1	490.05	501.37	498.08	496.50	1.17	ppb
Thallium	205-1	489.92	505.58	491.50	495.67	1.74	ppb
Tin	118-1	515.05	522.92	538.15	525.37	2.24	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-101MSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:04:59	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2550.84	2567.25	2554.61	2557.57	0.34	ppb
Uranium	238-1	490.73	493.17	500.02	494.64	0.97	ppb
Vanadium	51-2	497.35	491.25	475.43	488.01	2.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				80		%
Yttrium	89-2				109		%
Zinc	66-2	4349.49	4340.67	4230.86	4307.01	1.53	ppb
Zirconium	90-1	474.20	485.90	502.84	487.64	2.95	ppb
Zirconium	91-1	471.28	493.96	507.88	491.04	3.76	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01A	Instrumnet Name :	P8
Client Sample ID :	MW-101A	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:08:00	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9484.10	9443.54	9795.19	9574.28	2.01	ppb
Antimony	121-1	496.63	525.94	515.43	512.67	2.90	ppb
Arsenic	75-2	543.38	533.49	534.15	537.01	1.03	ppb
Barium	135-1	2394.16	2528.47	2532.80	2485.14	3.17	ppb
Barium	137-1	2377.97	2561.99	2495.13	2478.36	3.76	ppb
Beryllium	9-1	486.29	490.68	504.91	493.96	1.97	ppb
Bismuth	209-1				75		%
Bismuth	209-2				100		%
Boron	10-1	490.39	531.29	555.88	525.86	6.29	ppb
Boron	11-1	515.71	550.09	553.60	539.80	3.88	ppb
Bromine	81-1						cps
Cadmium	111-1	498.12	517.64	504.68	506.81	1.96	ppb
Cadmium	106-1	494.26	514.44	508.03	505.58	2.04	ppb
Cadmium	108-1	480.34	495.49	496.15	490.66	1.82	ppb
Calcium	43-1	106108.14	103270.67	105215.33	104864.71	1.38	ppb
Calcium	44-1	104257.42	105095.31	107184.06	105512.26	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	455.50	453.44	459.06	456.00	0.62	ppb
Cobalt	59-2	468.10	461.09	472.38	467.19	1.22	ppb
Copper	63-2	5418.24	5334.94	5543.86	5432.35	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				82		%
Holmium	165-2				107		%
Indium	115-1				78		%
Indium	115-2				109		%
Iron	54-2	25893.18	27246.75	26489.30	26543.08	2.56	ppb
Iron	56-2	25611.85	25858.34	26453.82	25974.67	1.67	ppb
Iron	57-2	24832.70	24401.14	24816.16	24683.34	0.99	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01A	Instrumnet Name :	P8
Client Sample ID :	MW-101A	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:08:00	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2384.21	2449.07	2495.78	2443.02	2.29	ppb
Lead	207-1	2419.82	2385.83	2498.56	2434.74	2.37	ppb
Lead	208-1	2358.33	2415.33	2468.89	2414.18	2.29	ppb
Lithium	6-1				76		%
Magnesium	24-2	69246.39	71656.57	71935.24	70946.07	2.08	ppb
Manganese	55-2	5328.99	5486.28	5335.23	5383.50	1.65	ppb
Molybdenum	94-1	2821.21	2877.15	2868.51	2855.63	1.05	ppb
Molybdenum	95-1	2458.79	2506.47	2488.39	2484.55	0.97	ppb
Molybdenum	96-1	2481.07	2587.76	2551.89	2540.24	2.14	ppb
Molybdenum	97-1	2479.10	2497.30	2497.81	2491.40	0.43	ppb
Molybdenum	98-1	2438.73	2487.76	2522.19	2482.90	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.15	485.04	499.62	489.27	1.84	ppb
Phosphorus	31-2	-578.98	-555.52	-698.84	-611.11		ppb
Potassium	39-2	26507.48	26117.26	26942.52	26522.42	1.56	ppb
Rhodium	103-1				76		%
Rhodium	103-2				104		%
Scandium	45-1				81		%
Scandium	45-2				106		%
Selenium	82-1	509.14	518.44	513.45	513.68	0.91	ppb
Selenium	77-2	503.14	538.45	498.42	513.34	4.26	ppb
Selenium	78-2	512.31	484.37	495.82	497.50	2.82	ppb
Silicon	28-1	3178.13	3225.01	3230.77	3211.30	0.90	ppb
Silver	107-1	305.72	272.17	403.33	327.07	20.83	ppb
Silver	109-1	425.10	351.53	347.65	374.76	11.64	ppb
Sodium	23-2	96758.68	94428.09	99264.30	96817.02	2.50	ppb
Strontium	86-1	649.45	632.21	641.59	641.08	1.35	ppb
Strontium	88-1	605.82	624.04	625.55	618.47	1.78	ppb
Sulfur	34-1	10358.02	10709.95	9863.45	10310.47	4.12	ppb
Terbium	159-1				82		%
Terbium	159-2				108		%
Thallium	203-1	479.01	486.52	499.98	488.50	2.17	ppb
Thallium	205-1	485.99	497.64	494.30	492.64	1.22	ppb
Tin	118-1	481.53	504.89	496.40	494.27	2.39	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01A	Instrumnet Name :	P8
Client Sample ID :	MW-101A	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:08:00	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2496.15	2522.94	2538.83	2519.31	0.86	ppb
Uranium	238-1	468.97	470.84	481.63	473.81	1.44	ppb
Vanadium	51-2	482.94	478.84	496.18	485.98	1.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				82		%
Yttrium	89-2				109		%
Zinc	66-2	4279.70	4267.45	4380.17	4309.11	1.44	ppb
Zirconium	90-1	475.40	474.16	487.86	479.14	1.58	ppb
Zirconium	91-1	479.85	477.25	481.93	479.67	0.49	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-09DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-109DL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:10:58	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	308.97	326.80	315.33	317.04	2.85	ppb
Antimony	121-1	2.38	0.24	0.31	0.98	124.77	ppb
Arsenic	75-2	0.36	0.42	0.26	0.35	22.50	ppb
Barium	135-1	19.94	10.91	10.16	13.67	39.78	ppb
Barium	137-1	20.69	11.29	10.53	14.17	39.92	ppb
Beryllium	9-1	1.53	0.63	0.58	0.92	58.32	ppb
Bismuth	209-1				83		%
Bismuth	209-2				104		%
Boron	10-1	152.38	160.43	146.38	153.07	4.61	ppb
Boron	11-1	167.10	180.78	159.14	169.01	6.48	ppb
Bromine	81-1						cps
Cadmium	111-1	2.54	0.30	0.05	0.96	142.93	ppb
Cadmium	106-1	3.43	0.87	-1.72	0.86	299.52	ppb
Cadmium	108-1	2.15	0.13	0.23	0.84	136.16	ppb
Calcium	43-1	8245.39	8315.51	7828.16	8129.69	3.24	ppb
Calcium	44-1	8219.51	8163.38	7763.97	8048.95	3.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.13	0.25	0.20	0.19	31.92	ppb
Cobalt	59-2	4.36	4.50	4.31	4.39	2.16	ppb
Copper	63-2	1.58	1.55	1.42	1.52	5.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				108		%
Indium	115-1				83		%
Indium	115-2				111		%
Iron	54-2	5.84	5.38	5.64	5.62	4.11	ppb
Iron	56-2	3.60	4.20	3.80	3.87	7.95	ppb
Iron	57-2	17.36	14.34	14.05	15.25	12.04	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-09DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-109DL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:10:58	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.10	0.14	0.10	1.78	161.62	ppb
Lead	207-1	5.47	0.14	0.08	1.90	162.90	ppb
Lead	208-1	5.50	0.13	0.10	1.91	162.78	ppb
Lithium	6-1				78		%
Magnesium	24-2	1650.97	1725.98	1650.01	1675.65	2.60	ppb
Manganese	55-2	55.38	56.65	53.35	55.13	3.02	ppb
Molybdenum	94-1	4.95	0.55	0.40	1.97	131.30	ppb
Molybdenum	95-1	5.29	0.63	0.49	2.14	127.81	ppb
Molybdenum	96-1	7.39	0.59	0.50	2.83	139.64	ppb
Molybdenum	97-1	8.36	0.62	0.50	3.16	142.50	ppb
Molybdenum	98-1	9.51	0.62	0.48	3.54	146.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.01	13.07	13.01	13.03	0.29	ppb
Phosphorus	31-2	-623.94	-512.88	-429.87	-522.23		ppb
Potassium	39-2	3131.69	3340.12	3120.30	3197.37	3.87	ppb
Rhodium	103-1				83		%
Rhodium	103-2				107		%
Scandium	45-1				85		%
Scandium	45-2				104		%
Selenium	82-1	1.48	0.95	0.21	0.88	72.17	ppb
Selenium	77-2	5.12	1.62	5.99	4.24	54.58	ppb
Selenium	78-2	3.58	3.29	2.65	3.17	14.94	ppb
Silicon	28-1	1802.77	1774.55	1656.31	1744.54	4.45	ppb
Silver	107-1	0.72	0.40	0.28	0.47	47.91	ppb
Silver	109-1	0.93	0.44	0.30	0.56	59.07	ppb
Sodium	23-2	1057.84	1114.04	1031.78	1067.89	3.94	ppb
Strontium	86-1	593.25	620.11	585.72	599.69	3.01	ppb
Strontium	88-1	578.66	620.37	548.19	582.41	6.22	ppb
Sulfur	34-1	11030.91	11206.12	10150.06	10795.70	5.24	ppb
Terbium	159-1				84		%
Terbium	159-2				105		%
Thallium	203-1	1.05	-0.01	-0.01	0.34	179.49	ppb
Thallium	205-1	1.13	0.02	0.00	0.38	169.09	ppb
Tin	118-1	1.83	-0.06	-0.10	0.56	198.58	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-09DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-109DL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:10:58	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.66	0.30	0.31	1.43	136.01	ppb
Uranium	238-1	1.01	0.07	0.07	0.38	142.24	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	12.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				87		%
Yttrium	89-2				111		%
Zinc	66-2	25.27	29.17	25.66	26.70	8.04	ppb
Zirconium	90-1	0.56	0.01	0.01	0.19	163.83	ppb
Zirconium	91-1	0.68	0.02	0.03	0.25	153.43	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:14:09	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.96	4.55	4.16	4.22	7.11	ppb
Antimony	121-1	0.48	0.50	0.50	0.49	2.37	ppb
Arsenic	75-2	2.77	2.67	2.90	2.78	4.13	ppb
Barium	135-1	9.65	9.43	9.51	9.53	1.16	ppb
Barium	137-1	10.21	9.79	9.51	9.83	3.60	ppb
Beryllium	9-1	0.05	0.05	0.08	0.06	31.38	ppb
Bismuth	209-1				76		%
Bismuth	209-2				109		%
Boron	10-1	414.91	402.87	414.24	410.67	1.65	ppb
Boron	11-1	439.74	422.74	444.81	435.76	2.65	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.07	-0.17	-0.12		ppb
Cadmium	106-1	-1.79	-1.44	-2.74	-1.99		ppb
Cadmium	108-1	0.04	0.01	-0.07	-0.01		ppb
Calcium	43-1	7055.82	6930.69	6533.32	6839.94	3.99	ppb
Calcium	44-1	7227.84	7088.67	6664.59	6993.70	4.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.49	0.68	0.53	0.57	17.25	ppb
Cobalt	59-2	0.09	0.09	0.10	0.09	5.64	ppb
Copper	63-2	0.67	0.98	0.89	0.85	19.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				120		%
Indium	115-1				82		%
Indium	115-2				121		%
Iron	54-2	419.49	441.97	422.94	428.13	2.83	ppb
Iron	56-2	414.33	446.32	426.86	429.17	3.76	ppb
Iron	57-2	411.23	440.30	430.64	427.39	3.46	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:14:09	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.33	0.29	0.29	12.35	ppb
Lead	207-1	0.23	0.29	0.35	0.29	20.52	ppb
Lead	208-1	0.25	0.29	0.30	0.28	10.25	ppb
Lithium	6-1				74		%
Magnesium	24-2	19658.65	20507.30	19324.68	19830.21	3.07	ppb
Manganese	55-2	281.67	308.97	295.91	295.52	4.62	ppb
Molybdenum	94-1	1.93	2.01	2.02	1.99	2.51	ppb
Molybdenum	95-1	2.15	2.37	2.32	2.28	4.93	ppb
Molybdenum	96-1	2.22	2.21	2.35	2.26	3.42	ppb
Molybdenum	97-1	2.15	2.32	2.32	2.26	4.31	ppb
Molybdenum	98-1	2.20	2.21	2.23	2.21	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.22	0.33	0.29	20.96	ppb
Phosphorus	31-2	-659.81	-490.77	-614.98	-588.52		ppb
Potassium	39-2	15602.89	16518.90	15352.59	15824.79	3.88	ppb
Rhodium	103-1				79		%
Rhodium	103-2				113		%
Scandium	45-1				85		%
Scandium	45-2				116		%
Selenium	82-1	3.74	5.09	5.35	4.73	18.26	ppb
Selenium	77-2	1.37	-0.33	-0.33	0.24	411.33	ppb
Selenium	78-2	1.06	0.49	-0.31	0.41	167.74	ppb
Silicon	28-1	1080.54	1032.07	972.88	1028.50	5.24	ppb
Silver	107-1	0.03	0.02	0.02	0.02	13.25	ppb
Silver	109-1	0.03	0.02	0.02	0.02	20.64	ppb
Sodium	23-2	312047.99	329827.29	315150.70	319008.66	2.98	ppb
Strontium	86-1	138.47	138.87	135.70	137.68	1.25	ppb
Strontium	88-1	145.02	144.68	137.71	142.47	2.90	ppb
Sulfur	34-1	21842.31	21004.41	19928.36	20925.03	4.59	ppb
Terbium	159-1				84		%
Terbium	159-2				116		%
Thallium	203-1	0.00	0.00	0.00	0.00	167.47	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00		ppb
Tin	118-1	0.07	0.07	0.18	0.11	59.45	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:14:09	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.74	0.80	1.17	0.90	25.59	ppb
Uranium	238-1	0.17	0.16	0.19	0.18	9.60	ppb
Vanadium	51-2	0.03	0.06	0.07	0.05	43.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				86		%
Yttrium	89-2				123		%
Zinc	66-2	16.28	17.57	16.52	16.79	4.08	ppb
Zirconium	90-1	0.03	0.06	0.07	0.06	35.19	ppb
Zirconium	91-1	0.04	0.05	0.08	0.05	38.00	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DDUPDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:17:13	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.98	4.01	3.31	3.77	10.55	ppb
Antimony	121-1	0.20	0.21	0.25	0.22	12.91	ppb
Arsenic	75-2	2.42	2.26	2.13	2.27	6.29	ppb
Barium	135-1	8.60	9.16	9.11	8.96	3.48	ppb
Barium	137-1	8.93	9.17	9.24	9.11	1.76	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	12.32	ppb
Bismuth	209-1				76		%
Bismuth	209-2				106		%
Boron	10-1	415.66	414.24	411.99	413.96	0.45	ppb
Boron	11-1	436.96	427.42	449.69	438.02	2.55	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.11	0.07	-0.02		ppb
Cadmium	106-1	-0.28	-1.72	0.48	-0.51		ppb
Cadmium	108-1	0.05	-0.07	-0.06	-0.03		ppb
Calcium	43-1	6715.77	6591.90	6615.51	6641.06	0.99	ppb
Calcium	44-1	6666.25	6814.66	6751.26	6744.06	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.57	0.44	0.47	0.49	13.59	ppb
Cobalt	59-2	0.07	0.08	0.06	0.07	11.16	ppb
Copper	63-2	0.60	0.62	0.62	0.61	1.87	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				84		%
Holmium	165-2				114		%
Indium	115-1				80		%
Indium	115-2				117		%
Iron	54-2	396.06	415.07	394.33	401.82	2.86	ppb
Iron	56-2	412.73	409.20	407.55	409.83	0.65	ppb
Iron	57-2	413.61	410.47	416.37	413.48	0.71	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DDUPDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:17:13	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.17	0.18	0.18	0.17	3.83	ppb
Lead	207-1	0.17	0.16	0.19	0.17	7.54	ppb
Lead	208-1	0.19	0.17	0.17	0.18	4.09	ppb
Lithium	6-1				75		%
Magnesium	24-2	19366.50	19577.39	19756.22	19566.70	1.00	ppb
Manganese	55-2	289.71	281.98	284.05	285.25	1.40	ppb
Molybdenum	94-1	1.71	1.66	1.82	1.73	4.70	ppb
Molybdenum	95-1	1.94	2.05	2.12	2.03	4.50	ppb
Molybdenum	96-1	1.86	2.06	2.01	1.98	5.30	ppb
Molybdenum	97-1	2.03	2.21	1.97	2.07	6.10	ppb
Molybdenum	98-1	2.01	2.03	2.07	2.04	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.32	0.23	0.26	18.94	ppb
Phosphorus	31-2	-646.96	-614.69	-612.03	-624.56		ppb
Potassium	39-2	15087.69	15339.43	15064.83	15163.98	1.00	ppb
Rhodium	103-1				79		%
Rhodium	103-2				109		%
Scandium	45-1				84		%
Scandium	45-2				111		%
Selenium	82-1	4.78	5.59	5.76	5.37	9.77	ppb
Selenium	77-2	0.54	-0.33	0.56	0.26	195.71	ppb
Selenium	78-2	0.44	1.07	0.44	0.65	55.66	ppb
Silicon	28-1	1033.61	1005.47	980.58	1006.55	2.64	ppb
Silver	107-1	0.01	0.01	0.02	0.02	35.32	ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.80	ppb
Sodium	23-2	312633.81	308780.79	307969.34	309794.64	0.80	ppb
Strontium	86-1	133.56	134.07	135.43	134.35	0.72	ppb
Strontium	88-1	135.99	136.33	136.78	136.37	0.29	ppb
Sulfur	34-1	21616.03	21170.81	21092.29	21293.04	1.33	ppb
Terbium	159-1				83		%
Terbium	159-2				114		%
Thallium	203-1	-0.03	-0.04	-0.02	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.04	-0.03		ppb
Tin	118-1	0.05	0.12	0.05	0.07	52.39	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DDUPDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:17:13	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.66	0.76	0.79	0.74	9.50	ppb
Uranium	238-1	0.15	0.16	0.16	0.16	1.57	ppb
Vanadium	51-2	0.07	0.05	0.05	0.06	15.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				84		%
Yttrium	89-2				119		%
Zinc	66-2	15.31	15.96	15.25	15.51	2.52	ppb
Zirconium	90-1	0.03	0.02	0.05	0.03	34.24	ppb
Zirconium	91-1	0.02	0.06	0.03	0.04	55.83	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	MW-106DLDL	Dilution Factor :	25
Date & Time Acquired :	2022-08-26 20:20:21	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	0.38	0.45	0.23	140.03	ppb
Antimony	121-1	0.05	0.05	0.08	0.06	28.18	ppb
Arsenic	75-2	0.48	0.55	0.46	0.49	9.55	ppb
Barium	135-1	1.89	1.91	1.83	1.87	2.25	ppb
Barium	137-1	1.83	1.85	1.93	1.87	3.04	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	10.67	ppb
Bismuth	209-1				79		%
Bismuth	209-2				105		%
Boron	10-1	133.27	135.48	140.61	136.45	2.76	ppb
Boron	11-1	149.46	151.58	161.44	154.16	4.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	-0.03	-0.07	-0.08		ppb
Cadmium	106-1	-1.98	-0.57	-1.19	-1.25		ppb
Cadmium	108-1	-0.04	-0.04	0.03	-0.02		ppb
Calcium	43-1	1288.61	1354.68	1323.09	1322.13	2.50	ppb
Calcium	44-1	1306.19	1361.11	1313.53	1326.95	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.10	0.09	0.10	14.16	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	42.56	ppb
Copper	63-2	0.18	0.24	0.27	0.23	20.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				109		%
Indium	115-1				81		%
Indium	115-2				112		%
Iron	54-2	89.98	89.59	87.23	88.94	1.67	ppb
Iron	56-2	81.14	83.25	84.86	83.08	2.25	ppb
Iron	57-2	74.10	81.44	84.73	80.09	6.79	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	MW-106DLDL	Dilution Factor :	25
Date & Time Acquired :	2022-08-26 20:20:21	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.09	0.10	12.76	ppb
Lead	207-1	0.10	0.10	0.05	0.09	32.31	ppb
Lead	208-1	0.09	0.09	0.09	0.09	4.97	ppb
Lithium	6-1				76		%
Magnesium	24-2	3743.13	3796.64	3943.75	3827.84	2.71	ppb
Manganese	55-2	57.16	57.24	60.23	58.21	3.01	ppb
Molybdenum	94-1	0.35	0.34	0.43	0.37	13.68	ppb
Molybdenum	95-1	0.49	0.48	0.48	0.48	1.33	ppb
Molybdenum	96-1	0.41	0.43	0.46	0.43	6.03	ppb
Molybdenum	97-1	0.43	0.48	0.46	0.46	4.90	ppb
Molybdenum	98-1	0.46	0.45	0.50	0.47	5.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.11	0.08	0.08	30.51	ppb
Phosphorus	31-2	-639.86	-675.27	-570.25	-628.46		ppb
Potassium	39-2	2902.07	2936.58	2962.82	2933.82	1.04	ppb
Rhodium	103-1				80		%
Rhodium	103-2				106		%
Scandium	45-1				83		%
Scandium	45-2				107		%
Selenium	82-1	1.58	2.17	1.87	1.87	15.86	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.28	1.89	0.33	0.83	109.59	ppb
Silicon	28-1	206.04	214.89	201.87	207.60	3.20	ppb
Silver	107-1	0.01	0.01	0.01	0.01	32.06	ppb
Silver	109-1	0.01	0.02	0.01	0.01	32.50	ppb
Sodium	23-2	61406.64	61141.13	63274.20	61940.66	1.88	ppb
Strontium	86-1	27.07	26.93	26.63	26.88	0.84	ppb
Strontium	88-1	26.50	26.82	26.41	26.58	0.81	ppb
Sulfur	34-1	5583.86	5997.96	5427.24	5669.69	5.20	ppb
Terbium	159-1				83		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	-0.04	-0.02	-0.03		ppb
Thallium	205-1	-0.05	-0.03	-0.04	-0.04		ppb
Tin	118-1	-0.05	0.02	-0.08	-0.04		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	MW-106DLDL	Dilution Factor :	25
Date & Time Acquired :	2022-08-26 20:20:21	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.27	0.19	0.23	0.23	16.68	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.25	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	51.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				83		%
Yttrium	89-2				111		%
Zinc	66-2	3.37	3.10	3.58	3.35	7.12	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	148.75	ppb
Zirconium	91-1	-0.02	0.00	0.01	0.00		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-02DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:23:32	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1880.79	1823.34	1798.74	1834.29	2.30	ppb
Antimony	121-1	99.14	93.21	96.76	96.37	3.10	ppb
Arsenic	75-2	101.97	106.28	100.73	102.99	2.83	ppb
Barium	135-1	504.22	468.63	486.70	486.52	3.66	ppb
Barium	137-1	530.34	504.73	500.38	511.82	3.16	ppb
Beryllium	9-1	97.67	90.94	96.19	94.93	3.73	ppb
Bismuth	209-1				74		%
Bismuth	209-2				104		%
Boron	10-1	432.22	450.35	478.43	453.67	5.13	ppb
Boron	11-1	474.60	454.22	502.22	477.01	5.05	ppb
Bromine	81-1						cps
Cadmium	111-1	102.97	97.30	98.50	99.59	3.00	ppb
Cadmium	106-1	99.90	94.26	91.94	95.37	4.30	ppb
Cadmium	108-1	98.93	93.27	96.13	96.11	2.94	ppb
Calcium	43-1	15535.42	14994.74	15259.26	15263.14	1.77	ppb
Calcium	44-1	15699.78	15249.07	15588.22	15512.36	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.60	89.41	86.76	88.59	1.79	ppb
Cobalt	59-2	91.52	90.24	89.38	90.38	1.19	ppb
Copper	63-2	1084.49	1054.51	1017.93	1052.31	3.17	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				82		%
Holmium	165-2				112		%
Indium	115-1				78		%
Indium	115-2				116		%
Iron	54-2	5355.11	5334.97	5098.67	5262.92	2.71	ppb
Iron	56-2	5582.25	5373.09	5255.39	5403.57	3.06	ppb
Iron	57-2	5245.17	5235.08	4886.39	5122.21	3.99	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-02DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:23:32	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	507.88	486.46	481.45	491.93	2.85	ppb
Lead	207-1	524.03	481.80	483.88	496.57	4.79	ppb
Lead	208-1	508.95	482.74	481.82	491.17	3.14	ppb
Lithium	6-1				74		%
Magnesium	24-2	28132.79	28441.78	27569.39	28047.99	1.58	ppb
Manganese	55-2	1277.58	1249.68	1214.24	1247.17	2.55	ppb
Molybdenum	94-1	579.17	565.68	574.89	573.25	1.20	ppb
Molybdenum	95-1	498.51	490.58	502.23	497.11	1.20	ppb
Molybdenum	96-1	513.91	503.97	496.73	504.87	1.71	ppb
Molybdenum	97-1	505.04	472.48	482.26	486.59	3.43	ppb
Molybdenum	98-1	504.70	465.43	478.92	483.02	4.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	91.19	92.07	89.69	90.98	1.33	ppb
Phosphorus	31-2	-602.04	-610.19	-611.72	-607.98		ppb
Potassium	39-2	19776.08	19174.76	18732.82	19227.89	2.72	ppb
Rhodium	103-1				74		%
Rhodium	103-2				108		%
Scandium	45-1				84		%
Scandium	45-2				111		%
Selenium	82-1	107.20	102.58	103.76	104.52	2.30	ppb
Selenium	77-2	83.53	74.98	94.64	84.38	11.68	ppb
Selenium	78-2	94.63	97.75	92.53	94.97	2.76	ppb
Silicon	28-1	1052.43	1018.98	1003.84	1025.08	2.43	ppb
Silver	107-1	60.97	64.90	57.86	61.24	5.76	ppb
Silver	109-1	67.70	63.95	56.10	62.58	9.46	ppb
Sodium	23-2	308663.08	307506.45	294830.01	303666.51	2.53	ppb
Strontium	86-1	226.32	219.94	223.50	223.25	1.43	ppb
Strontium	88-1	226.14	219.24	226.80	224.06	1.87	ppb
Sulfur	34-1	19988.46	18851.16	18445.56	19095.06	4.19	ppb
Terbium	159-1				81		%
Terbium	159-2				112		%
Thallium	203-1	92.99	91.39	89.57	91.32	1.87	ppb
Thallium	205-1	97.11	92.94	92.62	94.22	2.66	ppb
Tin	118-1	98.50	92.99	97.78	96.43	3.11	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-02DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:23:32	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	490.47	471.07	487.26	482.93	2.15	ppb
Uranium	238-1	100.02	94.42	94.61	96.35	3.30	ppb
Vanadium	51-2	96.10	93.62	90.48	93.40	3.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				82		%
Yttrium	89-2				118		%
Zinc	66-2	863.68	834.07	830.97	842.91	2.14	ppb
Zirconium	90-1	96.80	92.72	93.93	94.48	2.22	ppb
Zirconium	91-1	94.94	89.42	91.72	92.03	3.02	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-03DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSDDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:26:34	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1924.99	1905.93	1892.81	1907.91	0.85	ppb
Antimony	121-1	98.50	96.39	94.77	96.55	1.94	ppb
Arsenic	75-2	112.98	110.77	107.81	110.52	2.35	ppb
Barium	135-1	503.34	490.70	482.73	492.26	2.11	ppb
Barium	137-1	505.67	507.10	514.99	509.26	0.99	ppb
Beryllium	9-1	94.21	97.46	95.45	95.71	1.71	ppb
Bismuth	209-1				75		%
Bismuth	209-2				99		%
Boron	10-1	460.30	484.64	510.56	485.17	5.18	ppb
Boron	11-1	479.26	512.36	499.63	497.08	3.36	ppb
Bromine	81-1						cps
Cadmium	111-1	99.64	101.41	99.40	100.15	1.10	ppb
Cadmium	106-1	102.44	103.62	92.03	99.36	6.42	ppb
Cadmium	108-1	96.66	96.86	96.94	96.82	0.15	ppb
Calcium	43-1	15562.40	15348.80	15870.49	15593.90	1.68	ppb
Calcium	44-1	15577.26	15683.56	15913.19	15724.67	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.11	93.78	91.92	93.27	1.27	ppb
Cobalt	59-2	94.55	93.60	91.55	93.23	1.65	ppb
Copper	63-2	1114.55	1115.15	1083.61	1104.44	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				108		%
Indium	115-1				78		%
Indium	115-2				109		%
Iron	54-2	5521.66	5501.43	5448.78	5490.63	0.69	ppb
Iron	56-2	5761.52	5797.56	5550.67	5703.25	2.34	ppb
Iron	57-2	5427.31	5269.91	5203.40	5300.21	2.17	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-03DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSDDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:26:34	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	484.55	492.55	494.05	490.38	1.04	ppb
Lead	207-1	461.74	496.27	490.66	482.89	3.84	ppb
Lead	208-1	473.52	488.49	489.33	483.78	1.84	ppb
Lithium	6-1				76		%
Magnesium	24-2	29123.04	29587.22	28594.28	29101.51	1.71	ppb
Manganese	55-2	1317.16	1305.58	1283.67	1302.14	1.31	ppb
Molybdenum	94-1	586.61	599.85	588.67	591.71	1.20	ppb
Molybdenum	95-1	509.53	519.11	502.45	510.36	1.64	ppb
Molybdenum	96-1	513.69	516.14	519.50	516.44	0.56	ppb
Molybdenum	97-1	489.21	497.62	493.50	493.44	0.85	ppb
Molybdenum	98-1	496.48	509.00	496.13	500.53	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.25	96.03	92.60	94.96	2.15	ppb
Phosphorus	31-2	-472.63	-485.02	-500.83	-486.16		ppb
Potassium	39-2	19943.97	20086.03	19844.73	19958.24	0.61	ppb
Rhodium	103-1				76		%
Rhodium	103-2				102		%
Scandium	45-1				83		%
Scandium	45-2				105		%
Selenium	82-1	104.26	108.01	106.82	106.36	1.80	ppb
Selenium	77-2	117.97	109.91	106.09	111.32	5.45	ppb
Selenium	78-2	110.40	102.92	104.00	105.77	3.82	ppb
Silicon	28-1	1042.34	1050.61	1045.75	1046.23	0.40	ppb
Silver	107-1	59.22	67.77	65.87	64.29	6.99	ppb
Silver	109-1	67.60	62.49	68.35	66.15	4.82	ppb
Sodium	23-2	317753.81	312954.35	308549.11	313085.76	1.47	ppb
Strontium	86-1	226.25	223.73	222.98	224.32	0.76	ppb
Strontium	88-1	225.99	226.67	227.25	226.64	0.28	ppb
Sulfur	34-1	20420.00	19755.46	20147.62	20107.69	1.66	ppb
Terbium	159-1				83		%
Terbium	159-2				105		%
Thallium	203-1	89.82	93.40	92.00	91.74	1.97	ppb
Thallium	205-1	92.21	98.65	96.68	95.85	3.44	ppb
Tin	118-1	99.54	96.55	94.77	96.95	2.48	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-03DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSDDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:26:34	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	490.37	504.20	501.08	498.55	1.45	ppb
Uranium	238-1	96.07	99.09	101.69	98.95	2.84	ppb
Vanadium	51-2	99.98	99.38	98.60	99.32	0.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				84		%
Yttrium	89-2				109		%
Zinc	66-2	908.36	895.45	876.66	893.49	1.78	ppb
Zirconium	90-1	95.96	99.74	94.85	96.85	2.64	ppb
Zirconium	91-1	92.39	95.80	91.40	93.20	2.48	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:44:27	DataFile Name :	059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51946.71	48386.65	48525.03	49619.47	4.06	ppb
Antimony	121-1	507.26	485.21	464.84	485.77	4.37	ppb
Arsenic	75-2	500.31	486.28	485.00	490.53	1.73	ppb
Barium	135-1	2533.40	2429.85	2368.40	2443.88	3.41	ppb
Barium	137-1	2581.04	2468.36	2323.59	2457.66	5.25	ppb
Beryllium	9-1	495.57	491.26	474.95	487.26	2.23	ppb
Bismuth	209-1				72		%
Bismuth	209-2				96		%
Boron	10-1	479.97	504.25	525.93	503.38	4.57	ppb
Boron	11-1	494.25	519.93	511.35	508.51	2.57	ppb
Bromine	81-1						cps
Cadmium	111-1	504.50	486.30	479.84	490.22	2.61	ppb
Cadmium	106-1	500.41	485.86	470.04	485.44	3.13	ppb
Cadmium	108-1	502.22	489.42	475.61	489.08	2.72	ppb
Calcium	43-1	238026.25	236862.64	246096.81	240328.56	2.09	ppb
Calcium	44-1	229228.48	242292.78	246070.45	239197.24	3.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.28	481.70	462.04	480.01	3.58	ppb
Cobalt	59-2	470.89	460.81	459.21	463.64	1.37	ppb
Copper	63-2	5033.23	4947.71	4798.63	4926.52	2.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				82		%
Holmium	165-2				110		%
Indium	115-1				75		%
Indium	115-2				109		%
Iron	54-2	132145.26	127968.77	123589.45	127901.16	3.35	ppb
Iron	56-2	131551.63	124983.21	121690.20	126075.01	3.98	ppb
Iron	57-2	126924.09	124320.00	124046.34	125096.81	1.27	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:44:27	DataFile Name :	059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2500.56	2489.32	2480.76	2490.21	0.40	ppb
Lead	207-1	2514.23	2535.02	2442.15	2497.13	1.95	ppb
Lead	208-1	2513.66	2506.29	2426.59	2482.18	1.95	ppb
Lithium	6-1				71		%
Magnesium	24-2	254421.42	247878.41	246808.97	249702.93	1.65	ppb
Manganese	55-2	5085.09	4755.18	4648.60	4829.62	4.71	ppb
Molybdenum	94-1	4935.46	4932.76	4687.36	4851.86	2.94	ppb
Molybdenum	95-1	5057.24	4855.22	4751.99	4888.15	3.18	ppb
Molybdenum	96-1	4955.89	4843.20	4783.50	4860.86	1.80	ppb
Molybdenum	97-1	4969.32	4927.90	4743.80	4880.34	2.46	ppb
Molybdenum	98-1	5037.55	4887.65	4643.88	4856.36	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.80	525.52	512.69	521.00	1.38	ppb
Phosphorus	31-2	9642.61	9031.26	9153.25	9275.71	3.49	ppb
Potassium	39-2	130449.13	126636.05	121872.62	126319.27	3.40	ppb
Rhodium	103-1				73		%
Rhodium	103-2				101		%
Scandium	45-1				81		%
Scandium	45-2				106		%
Selenium	82-1	538.44	533.19	500.62	524.08	3.91	ppb
Selenium	77-2	524.68	497.25	521.44	514.46	2.91	ppb
Selenium	78-2	525.51	528.39	511.67	521.85	1.71	ppb
Silicon	28-1	484.49	494.25	520.97	499.90	3.78	ppb
Silver	107-1	524.46	481.43	481.10	495.66	5.03	ppb
Silver	109-1	512.34	479.79	476.15	489.43	4.07	ppb
Sodium	23-2	246931.14	241631.96	237708.52	242090.54	1.91	ppb
Strontium	86-1	12848.52	12404.30	11753.19	12335.34	4.47	ppb
Strontium	88-1	12503.19	12041.43	11595.15	12046.59	3.77	ppb
Sulfur	34-1	10056.87	9891.65	10413.48	10120.67	2.64	ppb
Terbium	159-1				81		%
Terbium	159-2				107		%
Thallium	203-1	501.92	486.21	479.49	489.21	2.35	ppb
Thallium	205-1	504.79	499.78	489.68	498.08	1.55	ppb
Tin	118-1	490.81	493.76	477.72	487.43	1.75	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:44:27	DataFile Name :	059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4827.15	4853.24	4918.66	4866.35	0.97	ppb
Uranium	238-1	515.41	503.97	488.60	502.66	2.68	ppb
Vanadium	51-2	504.01	486.87	474.50	488.46	3.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				80		%
Yttrium	89-2				110		%
Zinc	66-2	5016.71	4991.47	4909.74	4972.64	1.12	ppb
Zirconium	90-1	518.34	494.80	482.92	498.69	3.61	ppb
Zirconium	91-1	506.82	500.68	490.83	499.45	1.61	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:52:16	DataFile Name :	060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	0.03	-0.08	0.11	216.48	ppb
Antimony	121-1	0.05	0.09	0.10	0.08	29.22	ppb
Arsenic	75-2	0.02	0.01	0.01	0.02	31.87	ppb
Barium	135-1	0.01	0.01	0.00	0.01	53.12	ppb
Barium	137-1	0.02	0.01	0.00	0.01	87.29	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	18.81	ppb
Bismuth	209-1				80		%
Bismuth	209-2				112		%
Boron	10-1	31.82	31.89	29.89	31.20	3.64	ppb
Boron	11-1	33.94	34.08	31.94	33.32	3.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.29	0.02	-0.19	-0.15		ppb
Cadmium	106-1	-3.94	-0.03	-2.26	-2.08		ppb
Cadmium	108-1	0.04	-0.03	0.12	0.04	172.55	ppb
Calcium	43-1	0.65	2.52	0.74	1.30	80.78	ppb
Calcium	44-1	3.74	5.11	2.37	3.74	36.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.03	-0.03	0.01	490.77	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	308.09	ppb
Copper	63-2	0.15	0.20	0.12	0.16	24.59	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				81		%
Holmium	165-2				110		%
Indium	115-1				80		%
Indium	115-2				117		%
Iron	54-2	3.94	0.64	0.45	1.68	117.12	ppb
Iron	56-2	0.65	1.10	0.73	0.83	28.97	ppb
Iron	57-2	1.04	0.55	0.44	0.68	47.44	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:52:16	DataFile Name :	060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.12	0.09	0.10	20.25	ppb
Lead	207-1	0.07	0.06	0.08	0.07	16.03	ppb
Lead	208-1	0.08	0.07	0.08	0.08	6.83	ppb
Lithium	6-1				75		%
Magnesium	24-2	1.39	0.83	1.08	1.10	25.44	ppb
Manganese	55-2	0.03	0.02	0.01	0.02	46.31	ppb
Molybdenum	94-1	0.28	0.19	0.18	0.22	26.07	ppb
Molybdenum	95-1	0.26	0.25	0.24	0.25	4.32	ppb
Molybdenum	96-1	0.30	0.25	0.15	0.23	32.24	ppb
Molybdenum	97-1	0.28	0.19	0.19	0.22	22.07	ppb
Molybdenum	98-1	0.26	0.21	0.17	0.21	21.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.02	0.01	0.03	72.88	ppb
Phosphorus	31-2	-715.23	-695.74	-879.43	-763.47		ppb
Potassium	39-2	52.58	50.61	46.80	50.00	5.88	ppb
Rhodium	103-1				80		%
Rhodium	103-2				110		%
Scandium	45-1				80		%
Scandium	45-2				107		%
Selenium	82-1	0.58	0.11	0.56	0.42	62.86	ppb
Selenium	77-2	0.61	-0.33	-0.33	-0.02		ppb
Selenium	78-2	2.00	1.93	1.18	1.70	26.82	ppb
Silicon	28-1	15.68	15.21	8.84	13.24	28.88	ppb
Silver	107-1	0.02	0.01	0.02	0.02	13.47	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.41	ppb
Sodium	23-2	96.22	102.09	95.50	97.94	3.69	ppb
Strontium	86-1	0.19	0.20	0.12	0.17	26.97	ppb
Strontium	88-1	0.05	0.09	0.02	0.05	65.55	ppb
Sulfur	34-1	617.89	671.82	456.65	582.12	19.23	ppb
Terbium	159-1				80		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.00	0.00	128.14	ppb
Thallium	205-1	0.00	0.01	-0.01	0.00	2854.13	ppb
Tin	118-1	0.07	0.08	0.07	0.07	13.42	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:52:16	DataFile Name :	060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.06	0.02	0.04	43.72	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	105.46	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	85.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				82		%
Yttrium	89-2				112		%
Zinc	66-2	0.02	-0.08	-0.02	-0.03		ppb
Zirconium	90-1	0.01	0.01	-0.01	0.00	250.44	ppb
Zirconium	91-1	-0.01	0.00	0.00	-0.01		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DADL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:55:28	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1873.50	1987.50	1810.67	1890.56	4.74	ppb
Antimony	121-1	101.02	94.08	98.40	97.83	3.58	ppb
Arsenic	75-2	109.00	113.21	104.40	108.87	4.04	ppb
Barium	135-1	500.83	472.40	483.87	485.70	2.94	ppb
Barium	137-1	516.81	487.45	498.99	501.08	2.95	ppb
Beryllium	9-1	100.64	95.94	97.16	97.92	2.49	ppb
Bismuth	209-1				74		%
Bismuth	209-2				102		%
Boron	10-1	422.38	421.68	434.89	426.32	1.74	ppb
Boron	11-1	445.90	440.54	465.61	450.68	2.93	ppb
Bromine	81-1						cps
Cadmium	111-1	101.61	94.87	98.74	98.41	3.44	ppb
Cadmium	106-1	100.86	92.59	98.44	97.30	4.37	ppb
Cadmium	108-1	98.91	91.70	98.92	96.51	4.32	ppb
Calcium	43-1	15930.32	15332.35	15391.06	15551.25	2.12	ppb
Calcium	44-1	15800.82	15687.16	16027.61	15838.53	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.12	98.24	89.90	93.75	4.49	ppb
Cobalt	59-2	93.13	99.54	89.97	94.22	5.18	ppb
Copper	63-2	1061.51	1168.19	1063.92	1097.87	5.55	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				85		%
Holmium	165-2				112		%
Indium	115-1				77		%
Indium	115-2				115		%
Iron	54-2	5396.35	5831.34	5332.33	5520.01	4.92	ppb
Iron	56-2	5536.54	5865.49	5371.66	5591.23	4.50	ppb
Iron	57-2	5306.06	5655.53	5104.37	5355.32	5.21	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DADL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:55:28	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	509.89	486.40	495.41	497.23	2.38	ppb
Lead	207-1	500.97	475.82	496.75	491.18	2.74	ppb
Lead	208-1	491.74	476.97	493.43	487.38	1.86	ppb
Lithium	6-1				73		%
Magnesium	24-2	29026.91	30342.89	27746.43	29038.74	4.47	ppb
Manganese	55-2	1278.69	1389.34	1247.61	1305.21	5.71	ppb
Molybdenum	94-1	563.59	585.10	571.31	573.33	1.90	ppb
Molybdenum	95-1	497.76	494.58	496.32	496.22	0.32	ppb
Molybdenum	96-1	507.59	510.61	515.73	511.31	0.80	ppb
Molybdenum	97-1	494.88	499.97	497.68	497.51	0.51	ppb
Molybdenum	98-1	484.63	487.48	487.89	486.66	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.63	101.80	90.98	95.47	5.91	ppb
Phosphorus	31-2	-569.21	-434.54	-789.28	-597.68		ppb
Potassium	39-2	19685.60	20931.24	19008.81	19875.22	4.91	ppb
Rhodium	103-1				77		%
Rhodium	103-2				107		%
Scandium	45-1				83		%
Scandium	45-2				109		%
Selenium	82-1	104.43	102.79	102.98	103.40	0.87	ppb
Selenium	77-2	92.51	110.48	88.89	97.29	11.88	ppb
Selenium	78-2	98.21	105.90	99.10	101.07	4.16	ppb
Silicon	28-1	1083.56	1012.13	1014.13	1036.60	3.92	ppb
Silver	107-1	68.54	65.21	66.11	66.62	2.59	ppb
Silver	109-1	69.03	164.46	58.48	97.32	59.98	ppb
Sodium	23-2	302929.32	319155.64	296539.39	306208.11	3.81	ppb
Strontium	86-1	219.61	225.61	223.03	222.75	1.35	ppb
Strontium	88-1	221.53	223.75	225.32	223.53	0.85	ppb
Sulfur	34-1	20347.16	18737.37	19445.90	19510.14	4.14	ppb
Terbium	159-1				83		%
Terbium	159-2				110		%
Thallium	203-1	93.52	93.19	93.17	93.29	0.21	ppb
Thallium	205-1	96.26	93.80	95.48	95.18	1.32	ppb
Tin	118-1	98.76	92.13	95.17	95.35	3.48	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DADL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:55:28	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	489.44	482.87	479.37	483.89	1.06	ppb
Uranium	238-1	96.93	96.44	98.01	97.13	0.83	ppb
Vanadium	51-2	97.95	103.47	95.74	99.06	4.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				83		%
Yttrium	89-2				115		%
Zinc	66-2	873.71	928.79	848.05	883.52	4.67	ppb
Zirconium	90-1	95.34	95.97	94.24	95.18	0.92	ppb
Zirconium	91-1	91.96	92.59	90.88	91.81	0.94	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4262-06	Instrumnet Name :	P8
Client Sample ID :	MW-101D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:58:26	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	186.45	175.15	177.33	179.64	3.34	ppb
Antimony	121-1	0.24	0.21	0.27	0.24	11.36	ppb
Arsenic	75-2	0.71	0.87	0.87	0.82	11.13	ppb
Barium	135-1	67.35	68.53	68.40	68.09	0.94	ppb
Barium	137-1	68.69	69.73	69.99	69.47	0.99	ppb
Beryllium	9-1	0.06	0.06	0.07	0.06	8.72	ppb
Bismuth	209-1				78		%
Bismuth	209-2				109		%
Boron	10-1	407.90	406.39	432.09	415.46	3.47	ppb
Boron	11-1	427.55	422.61	448.73	432.97	3.20	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.07	-0.01	0.03	131.04	ppb
Cadmium	106-1	-0.20	0.21	-1.00	-0.33		ppb
Cadmium	108-1	0.13	0.03	0.21	0.12	70.75	ppb
Calcium	43-1	55902.25	56782.99	58880.29	57188.51	2.68	ppb
Calcium	44-1	56169.84	57970.67	57960.04	57366.85	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.71	5.56	5.42	5.56	2.57	ppb
Cobalt	59-2	0.97	0.90	0.90	0.92	4.34	ppb
Copper	63-2	3.98	3.75	4.03	3.92	3.71	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				84		%
Holmium	165-2				118		%
Indium	115-1				78		%
Indium	115-2				120		%
Iron	54-2	353.59	331.40	339.12	341.37	3.30	ppb
Iron	56-2	350.84	329.40	335.47	338.57	3.26	ppb
Iron	57-2	408.78	395.12	400.20	401.37	1.72	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4262-06	Instrumnet Name :	P8
Client Sample ID :	MW-101D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:58:26	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.39	3.59	3.69	3.56	4.39	ppb
Lead	207-1	3.18	3.43	3.54	3.38	5.49	ppb
Lead	208-1	3.27	3.42	3.48	3.39	3.19	ppb
Lithium	6-1				75		%
Magnesium	24-2	42908.15	41159.12	42060.82	42042.70	2.08	ppb
Manganese	55-2	132.91	125.42	125.77	128.03	3.30	ppb
Molybdenum	94-1	0.91	0.90	1.03	0.94	7.60	ppb
Molybdenum	95-1	0.66	0.80	0.76	0.74	9.72	ppb
Molybdenum	96-1	0.66	0.78	0.77	0.74	8.71	ppb
Molybdenum	97-1	0.77	0.77	0.95	0.83	12.52	ppb
Molybdenum	98-1	0.73	0.73	0.75	0.74	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.69	2.37	2.34	2.47	7.83	ppb
Phosphorus	31-2	-742.93	-646.71	-724.92	-704.85		ppb
Potassium	39-2	14000.58	13475.91	13407.60	13628.03	2.38	ppb
Rhodium	103-1				77		%
Rhodium	103-2				113		%
Scandium	45-1				81		%
Scandium	45-2				112		%
Selenium	82-1	3.16	2.89	3.47	3.17	9.14	ppb
Selenium	77-2	0.52	1.33	0.49	0.78	61.49	ppb
Selenium	78-2	4.08	1.88	1.52	2.49	55.69	ppb
Silicon	28-1	8362.26	8858.69	9006.86	8742.60	3.86	ppb
Silver	107-1	0.06	0.05	0.04	0.05	16.98	ppb
Silver	109-1	0.06	0.04	0.05	0.05	19.73	ppb
Sodium	23-2	147223.00	138269.01	140749.03	142080.35	3.25	ppb
Strontium	86-1	611.59	593.85	597.66	601.03	1.55	ppb
Strontium	88-1	578.72	566.90	593.69	579.77	2.32	ppb
Sulfur	34-1	24400.49	24751.95	25849.57	25000.67	3.02	ppb
Terbium	159-1				82		%
Terbium	159-2				115		%
Thallium	203-1	0.01	0.00	-0.01	0.00	1896.51	ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.03	0.08	0.08	0.06	48.58	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4262-06	Instrumnet Name :	P8
Client Sample ID :	MW-101D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:58:26	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.15	6.73	6.60	6.49	4.70	ppb
Uranium	238-1	0.75	0.78	0.82	0.78	4.14	ppb
Vanadium	51-2	1.78	1.57	1.47	1.61	9.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				83		%
Yttrium	89-2				124		%
Zinc	66-2	68.10	62.72	63.46	64.76	4.50	ppb
Zirconium	90-1	0.15	0.14	0.17	0.15	9.52	ppb
Zirconium	91-1	0.12	0.17	0.21	0.17	26.21	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-04DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106IDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:01:29	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.78	3.24	4.62	4.21	20.08	ppb
Antimony	121-1	0.05	0.06	0.37	0.16	112.70	ppb
Arsenic	75-2	1.41	1.35	1.40	1.39	2.27	ppb
Barium	135-1	16.19	15.67	15.98	15.95	1.67	ppb
Barium	137-1	16.17	15.43	17.25	16.28	5.61	ppb
Beryllium	9-1	0.02	0.02	0.08	0.04	86.79	ppb
Bismuth	209-1				79		%
Bismuth	209-2				114		%
Boron	10-1	196.07	202.53	191.90	196.83	2.72	ppb
Boron	11-1	217.99	222.99	210.17	217.05	2.98	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.27	0.23	-0.03		ppb
Cadmium	106-1	-0.90	-3.80	-1.49	-2.07		ppb
Cadmium	108-1	-0.09	-0.09	0.22	0.01	1289.59	ppb
Calcium	43-1	2717.70	2688.54	2693.30	2699.85	0.58	ppb
Calcium	44-1	2844.05	2747.58	2764.04	2785.22	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.07	0.13	0.10	26.60	ppb
Cobalt	59-2	0.02	0.02	0.03	0.03	25.45	ppb
Copper	63-2	0.45	0.44	0.52	0.47	8.81	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				83		%
Holmium	165-2				119		%
Indium	115-1				82		%
Indium	115-2				123		%
Iron	54-2	37.16	28.89	34.50	33.52	12.59	ppb
Iron	56-2	36.14	30.43	34.58	33.71	8.76	ppb
Iron	57-2	43.97	32.67	35.56	37.40	15.69	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-04DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106IDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:01:29	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.23	0.25	0.58	0.35	55.84	ppb
Lead	207-1	0.23	0.22	0.60	0.35	61.79	ppb
Lead	208-1	0.24	0.23	0.59	0.35	58.33	ppb
Lithium	6-1				77		%
Magnesium	24-2	8069.47	7143.18	7888.68	7700.45	6.38	ppb
Manganese	55-2	2.81	2.40	2.45	2.55	8.85	ppb
Molybdenum	94-1	2.03	1.82	3.67	2.51	40.37	ppb
Molybdenum	95-1	2.32	2.20	3.98	2.83	35.04	ppb
Molybdenum	96-1	2.33	2.20	4.12	2.88	37.11	ppb
Molybdenum	97-1	2.34	2.31	4.30	2.98	38.14	ppb
Molybdenum	98-1	2.26	2.18	4.64	3.03	46.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.10	0.18	0.15	27.60	ppb
Phosphorus	31-2	-832.51	-867.03	-766.98	-822.17		ppb
Potassium	39-2	8359.27	7371.07	7870.87	7867.07	6.28	ppb
Rhodium	103-1				79		%
Rhodium	103-2				115		%
Scandium	45-1				84		%
Scandium	45-2				115		%
Selenium	82-1	2.40	2.75	3.06	2.74	12.00	ppb
Selenium	77-2	-0.33	0.43	-0.33	-0.07		ppb
Selenium	78-2	1.70	0.99	0.16	0.95	81.04	ppb
Silicon	28-1	596.46	592.96	573.02	587.48	2.15	ppb
Silver	107-1	0.01	0.01	0.14	0.06	129.09	ppb
Silver	109-1	0.02	0.01	0.11	0.05	113.46	ppb
Sodium	23-2	155765.80	134353.23	147475.65	145864.89	7.40	ppb
Strontium	86-1	67.40	67.10	66.01	66.83	1.10	ppb
Strontium	88-1	70.11	65.91	68.34	68.12	3.10	ppb
Sulfur	34-1	13079.08	12642.07	12747.66	12822.94	1.78	ppb
Terbium	159-1				85		%
Terbium	159-2				118		%
Thallium	203-1	-0.04	-0.04	0.04	-0.01		ppb
Thallium	205-1	-0.04	-0.05	0.05	-0.02		ppb
Tin	118-1	0.01	-0.01	0.32	0.11	178.67	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-04DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106IDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:01:29	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.35	0.32	0.74	0.47	49.03	ppb
Uranium	238-1	0.12	0.14	0.19	0.15	25.97	ppb
Vanadium	51-2	1.11	1.10	1.16	1.12	2.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				84		%
Yttrium	89-2				125		%
Zinc	66-2	3.48	2.54	2.78	2.93	16.78	ppb
Zirconium	90-1	0.01	0.02	0.17	0.07	138.79	ppb
Zirconium	91-1	0.01	0.04	0.21	0.09	123.29	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:04:35	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	1.11	0.86	0.96	13.81	ppb
Antimony	121-1	0.09	0.10	0.11	0.10	11.38	ppb
Arsenic	75-2	0.27	0.19	0.26	0.24	17.78	ppb
Barium	135-1	13.63	12.84	14.18	13.55	4.98	ppb
Barium	137-1	13.29	13.37	14.52	13.73	5.02	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	41.06	ppb
Bismuth	209-1				71		%
Bismuth	209-2				100		%
Boron	10-1	596.50	657.31	671.23	641.68	6.19	ppb
Boron	11-1	646.91	719.31	708.04	691.42	5.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.32	0.01	-0.15		ppb
Cadmium	106-1	-1.89	-4.56	-0.11	-2.19		ppb
Cadmium	108-1	-0.14	0.05	0.19	0.03	508.83	ppb
Calcium	43-1	21663.40	23153.21	23592.15	22802.92	4.43	ppb
Calcium	44-1	21598.37	23358.30	23660.16	22872.28	4.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.48	0.38	0.39	0.42	12.40	ppb
Cobalt	59-2	0.41	0.37	0.36	0.38	7.80	ppb
Copper	63-2	0.26	0.24	0.27	0.25	5.29	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				84		%
Holmium	165-2				116		%
Indium	115-1				77		%
Indium	115-2				116		%
Iron	54-2	545.90	552.54	550.83	549.76	0.63	ppb
Iron	56-2	548.59	544.37	551.64	548.20	0.67	ppb
Iron	57-2	559.68	567.09	567.04	564.61	0.76	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:04:35	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.17	0.16	0.19	0.17	8.59	ppb
Lead	207-1	0.15	0.16	0.22	0.18	22.73	ppb
Lead	208-1	0.15	0.15	0.22	0.17	23.13	ppb
Lithium	6-1				72		%
Magnesium	24-2	77282.68	79683.68	78509.20	78491.85	1.53	ppb
Manganese	55-2	628.09	621.03	627.56	625.56	0.63	ppb
Molybdenum	94-1	1.06	1.13	1.57	1.25	21.90	ppb
Molybdenum	95-1	0.86	0.97	1.27	1.03	20.45	ppb
Molybdenum	96-1	0.85	0.99	1.27	1.03	20.59	ppb
Molybdenum	97-1	0.98	0.96	1.41	1.12	22.74	ppb
Molybdenum	98-1	0.91	0.94	1.13	0.99	11.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.11	1.06	1.12	4.92	ppb
Phosphorus	31-2	-788.58	-815.21	-767.71	-790.50		ppb
Potassium	39-2	32840.03	31969.44	32277.78	32362.42	1.36	ppb
Rhodium	103-1				74		%
Rhodium	103-2				106		%
Scandium	45-1				83		%
Scandium	45-2				112		%
Selenium	82-1	9.55	11.18	12.86	11.20	14.79	ppb
Selenium	77-2	0.50	-0.33	-0.33	-0.05		ppb
Selenium	78-2	0.78	0.85	0.74	0.79	6.76	ppb
Silicon	28-1	1158.67	1250.39	1255.65	1221.57	4.46	ppb
Silver	107-1	0.01	0.02	0.05	0.03	71.73	ppb
Silver	109-1	0.02	0.02	0.06	0.04	64.95	ppb
Sodium	23-2	819225.82	784497.13	793517.40	799080.11	2.26	ppb
Strontium	86-1	483.25	483.50	471.99	479.58	1.37	ppb
Strontium	88-1	458.05	466.29	464.36	462.90	0.93	ppb
Sulfur	34-1	38115.14	41153.21	41384.85	40217.73	4.54	ppb
Terbium	159-1				83		%
Terbium	159-2				112		%
Thallium	203-1	-0.02	0.00	0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	-0.07	-0.02	-0.05	-0.05		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:04:35	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.57	1.04	0.94	0.85	29.01	ppb
Uranium	238-1	1.14	1.13	1.18	1.15	2.15	ppb
Vanadium	51-2	0.05	0.05	0.05	0.05	4.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				82		%
Yttrium	89-2				122		%
Zinc	66-2	5.26	4.24	5.00	4.83	11.01	ppb
Zirconium	90-1	0.22	0.20	0.27	0.23	14.45	ppb
Zirconium	91-1	0.22	0.22	0.26	0.23	9.66	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:07:40	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.43	3.19	4.21	3.61	14.77	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	11.40	ppb
Arsenic	75-2	0.38	0.37	0.37	0.37	1.11	ppb
Barium	135-1	13.24	12.65	13.02	12.97	2.27	ppb
Barium	137-1	13.66	12.73	13.50	13.30	3.77	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	6.89	ppb
Bismuth	209-1				80		%
Bismuth	209-2				115		%
Boron	10-1	161.72	159.24	164.69	161.88	1.69	ppb
Boron	11-1	180.38	183.06	183.52	182.32	0.93	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.25	-0.08	-0.15		ppb
Cadmium	106-1	-1.79	-3.28	-1.42	-2.16		ppb
Cadmium	108-1	-0.04	0.00	-0.16	-0.07		ppb
Calcium	43-1	2227.50	2225.94	2210.62	2221.35	0.42	ppb
Calcium	44-1	2294.69	2254.16	2331.12	2293.32	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.16	0.14	0.15	7.40	ppb
Cobalt	59-2	0.06	0.05	0.04	0.05	18.46	ppb
Copper	63-2	0.74	0.73	0.62	0.70	9.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				121		%
Indium	115-1				82		%
Indium	115-2				126		%
Iron	54-2	35.81	38.33	34.29	36.14	5.66	ppb
Iron	56-2	33.77	35.00	32.57	33.78	3.60	ppb
Iron	57-2	37.44	38.10	40.56	38.70	4.24	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:07:40	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.21	0.23	0.22	5.23	ppb
Lead	207-1	0.19	0.23	0.20	0.21	11.95	ppb
Lead	208-1	0.20	0.22	0.22	0.21	3.17	ppb
Lithium	6-1				75		%
Magnesium	24-2	3222.18	3193.10	3095.41	3170.23	2.09	ppb
Manganese	55-2	74.33	69.01	67.77	70.37	4.96	ppb
Molybdenum	94-1	0.57	0.50	0.56	0.54	6.16	ppb
Molybdenum	95-1	0.64	0.59	0.61	0.61	4.06	ppb
Molybdenum	96-1	0.52	0.55	0.57	0.55	5.17	ppb
Molybdenum	97-1	0.61	0.68	0.58	0.62	8.68	ppb
Molybdenum	98-1	0.60	0.52	0.69	0.61	14.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.12	0.14	0.13	7.03	ppb
Phosphorus	31-2	-704.05	-830.29	-898.84	-811.06		ppb
Potassium	39-2	6299.08	6124.88	5862.03	6095.33	3.61	ppb
Rhodium	103-1				80		%
Rhodium	103-2				119		%
Scandium	45-1				84		%
Scandium	45-2				117		%
Selenium	82-1	2.65	3.03	3.15	2.95	8.83	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.08	0.70	0.15	0.31	109.90	ppb
Silicon	28-1	1068.38	1076.28	1082.81	1075.83	0.67	ppb
Silver	107-1	0.00	0.00	0.01	0.00	87.51	ppb
Silver	109-1	0.00	0.00	0.01	0.00	24.15	ppb
Sodium	23-2	144216.03	143252.75	140020.66	142496.48	1.54	ppb
Strontium	86-1	36.78	36.79	37.10	36.89	0.50	ppb
Strontium	88-1	36.70	36.28	36.49	36.49	0.57	ppb
Sulfur	34-1	11810.57	11466.98	11396.06	11557.87	1.92	ppb
Terbium	159-1				84		%
Terbium	159-2				117		%
Thallium	203-1	-0.04	-0.03	-0.05	-0.04		ppb
Thallium	205-1	-0.04	-0.05	-0.05	-0.05		ppb
Tin	118-1	-0.08	-0.11	-0.10	-0.10		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:07:40	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.41	0.36	0.40	0.39	7.75	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	2.96	ppb
Vanadium	51-2	0.30	0.31	0.33	0.31	4.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				85		%
Yttrium	89-2				129		%
Zinc	66-2	2.19	1.95	2.46	2.20	11.58	ppb
Zirconium	90-1	-0.01	0.01	0.02	0.00	299.33	ppb
Zirconium	91-1	-0.01	0.00	0.00	-0.01		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103IDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:10:46	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.46	1.85	2.03	2.11	14.93	ppb
Antimony	121-1	0.36	0.02	0.04	0.14	134.34	ppb
Arsenic	75-2	1.61	1.43	1.73	1.59	9.34	ppb
Barium	135-1	62.43	56.98	58.34	59.25	4.78	ppb
Barium	137-1	62.51	58.45	59.80	60.26	3.43	ppb
Beryllium	9-1	0.48	0.03	0.04	0.18	141.34	ppb
Bismuth	209-1				81		%
Bismuth	209-2				116		%
Boron	10-1	158.92	167.39	168.87	165.06	3.25	ppb
Boron	11-1	178.55	184.38	190.25	184.39	3.17	ppb
Bromine	81-1						cps
Cadmium	111-1	0.34	0.04	-0.28	0.03	982.67	ppb
Cadmium	106-1	-0.24	0.12	-3.98	-1.37		ppb
Cadmium	108-1	0.32	-0.14	0.02	0.06	367.11	ppb
Calcium	43-1	15247.13	15392.90	15442.74	15360.92	0.66	ppb
Calcium	44-1	15352.64	15216.60	15948.13	15505.79	2.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.31	0.30	0.33	10.59	ppb
Cobalt	59-2	0.08	0.06	0.07	0.07	14.19	ppb
Copper	63-2	0.50	0.36	0.50	0.45	18.16	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				89		%
Holmium	165-2				123		%
Indium	115-1				84		%
Indium	115-2				128		%
Iron	54-2	267.74	260.32	273.06	267.04	2.40	ppb
Iron	56-2	266.33	269.24	273.96	269.85	1.43	ppb
Iron	57-2	285.10	280.94	290.50	285.52	1.68	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103IDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:10:46	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.28	0.18	0.21	0.89	135.33	ppb
Lead	207-1	2.14	0.22	0.22	0.86	129.29	ppb
Lead	208-1	2.13	0.20	0.21	0.85	130.89	ppb
Lithium	6-1				77		%
Magnesium	24-2	18581.88	18852.71	18804.53	18746.37	0.77	ppb
Manganese	55-2	168.64	166.47	170.45	168.52	1.18	ppb
Molybdenum	94-1	3.01	0.24	0.25	1.17	136.74	ppb
Molybdenum	95-1	2.82	0.26	0.31	1.13	129.56	ppb
Molybdenum	96-1	3.12	0.23	0.29	1.22	135.95	ppb
Molybdenum	97-1	3.13	0.23	0.33	1.23	133.76	ppb
Molybdenum	98-1	2.83	0.27	0.24	1.11	133.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.17	0.27	0.24	25.68	ppb
Phosphorus	31-2	-494.29	-431.77	-438.05	-454.70		ppb
Potassium	39-2	7242.93	7270.57	7357.43	7290.31	0.82	ppb
Rhodium	103-1				83		%
Rhodium	103-2				119		%
Scandium	45-1				87		%
Scandium	45-2				118		%
Selenium	82-1	2.91	2.51	3.20	2.87	11.98	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.71	0.64	0.65	0.67	6.25	ppb
Silicon	28-1	1494.00	1602.38	1574.32	1556.90	3.61	ppb
Silver	107-1	0.03	0.01	0.01	0.02	79.65	ppb
Silver	109-1	0.06	0.01	0.01	0.02	118.28	ppb
Sodium	23-2	118930.00	116958.32	119410.86	118433.06	1.10	ppb
Strontium	86-1	183.20	185.61	179.35	182.72	1.73	ppb
Strontium	88-1	185.60	185.03	176.69	182.44	2.73	ppb
Sulfur	34-1	6073.97	6292.31	6356.79	6241.02	2.37	ppb
Terbium	159-1				87		%
Terbium	159-2				120		%
Thallium	203-1	0.33	-0.04	-0.04	0.08	258.58	ppb
Thallium	205-1	0.38	-0.06	-0.04	0.09	258.34	ppb
Tin	118-1	0.36	-0.08	-0.09	0.06	400.28	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103IDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:10:46	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.28	0.54	0.76	1.53	99.88	ppb
Uranium	238-1	0.40	0.02	0.02	0.15	149.08	ppb
Vanadium	51-2	0.18	0.10	0.12	0.13	30.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				88		%
Yttrium	89-2				131		%
Zinc	66-2	5.77	5.42	6.05	5.75	5.47	ppb
Zirconium	90-1	0.35	0.03	0.03	0.13	136.59	ppb
Zirconium	91-1	0.28	0.04	0.04	0.12	114.40	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DL2X10	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL2	Dilution Factor :	10
Date & Time Acquired :	2022-08-26 21:13:53	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.30	1.73	0.75	1.26	38.96	ppb
Antimony	121-1	0.07	0.06	1.85	0.66	156.21	ppb
Arsenic	75-2	0.14	0.21	0.17	0.17	20.46	ppb
Barium	135-1	12.56	12.54	21.92	15.67	34.53	ppb
Barium	137-1	12.37	12.92	21.91	15.73	34.05	ppb
Beryllium	9-1	0.05	0.03	2.17	0.75	164.22	ppb
Bismuth	209-1				74		%
Bismuth	209-2				106		%
Boron	10-1	569.52	600.69	619.29	596.50	4.22	ppb
Boron	11-1	607.99	644.09	652.25	634.78	3.71	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.09	1.61	0.45	225.32	ppb
Cadmium	106-1	-2.39	-1.22	-0.20	-1.27		ppb
Cadmium	108-1	0.03	-0.04	1.68	0.55	176.04	ppb
Calcium	43-1	20758.95	21880.18	21579.29	21406.14	2.71	ppb
Calcium	44-1	21409.13	22184.09	21631.81	21741.68	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.39	0.36	0.37	4.03	ppb
Cobalt	59-2	0.34	0.30	0.36	0.33	10.42	ppb
Copper	63-2	0.21	0.17	0.17	0.18	11.73	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				87		%
Holmium	165-2				120		%
Indium	115-1				79		%
Indium	115-2				124		%
Iron	54-2	522.48	494.30	501.88	506.22	2.88	ppb
Iron	56-2	530.97	496.00	496.27	507.75	3.96	ppb
Iron	57-2	552.76	519.61	505.88	526.08	4.58	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DL2X10	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL2	Dilution Factor :	10
Date & Time Acquired :	2022-08-26 21:13:53	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.23	0.19	8.54	2.98	161.20	ppb
Lead	207-1	0.26	0.15	8.32	2.91	160.97	ppb
Lead	208-1	0.21	0.18	8.33	2.91	161.46	ppb
Lithium	6-1				73		%
Magnesium	24-2	73979.14	71817.51	71311.30	72369.32	1.96	ppb
Manganese	55-2	602.64	565.05	561.22	576.30	3.97	ppb
Molybdenum	94-1	1.22	1.18	17.88	6.76	142.48	ppb
Molybdenum	95-1	1.00	0.95	17.29	6.41	146.93	ppb
Molybdenum	96-1	0.99	0.93	18.63	6.85	148.92	ppb
Molybdenum	97-1	1.02	0.85	18.16	6.68	148.97	ppb
Molybdenum	98-1	0.91	0.89	18.68	6.83	150.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.99	0.98	0.97	2.98	ppb
Phosphorus	31-2	-870.92	-920.20	-891.72	-894.28		ppb
Potassium	39-2	31303.43	29204.26	29376.55	29961.41	3.89	ppb
Rhodium	103-1				76		%
Rhodium	103-2				112		%
Scandium	45-1				85		%
Scandium	45-2				117		%
Selenium	82-1	9.55	11.43	13.81	11.60	18.41	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	0.24	0.48	1.10	0.61	73.05	ppb
Silicon	28-1	1159.00	1199.84	1108.75	1155.86	3.95	ppb
Silver	107-1	0.02	0.01	0.18	0.07	134.40	ppb
Silver	109-1	0.02	0.01	0.16	0.06	134.43	ppb
Sodium	23-2	741152.78	689450.72	719949.50	716851.00	3.63	ppb
Strontium	86-1	419.98	446.47	465.78	444.08	5.18	ppb
Strontium	88-1	418.56	425.02	433.85	425.81	1.80	ppb
Sulfur	34-1	37303.48	38437.80	35978.73	37240.00	3.30	ppb
Terbium	159-1				85		%
Terbium	159-2				116		%
Thallium	203-1	-0.02	-0.04	1.54	0.49	184.76	ppb
Thallium	205-1	-0.03	-0.03	1.68	0.54	183.65	ppb
Tin	118-1	-0.01	-0.04	1.86	0.60	181.05	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DL2X10	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL2	Dilution Factor :	10
Date & Time Acquired :	2022-08-26 21:13:53	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.69	0.71	19.31	6.90	155.60	ppb
Uranium	238-1	1.09	1.10	2.73	1.64	57.32	ppb
Vanadium	51-2	0.03	0.05	0.05	0.05	25.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				85		%
Yttrium	89-2				129		%
Zinc	66-2	4.20	3.98	3.95	4.04	3.41	ppb
Zirconium	90-1	0.22	0.22	2.17	0.87	129.94	ppb
Zirconium	91-1	0.23	0.21	2.16	0.87	128.91	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07DL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-103IDL2	Dilution Factor :	25
Date & Time Acquired :	2022-08-26 21:16:58	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	0.33	0.34	0.28	29.90	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	45.86	ppb
Arsenic	75-2	0.35	0.26	0.23	0.28	22.10	ppb
Barium	135-1	11.20	12.32	11.32	11.61	5.27	ppb
Barium	137-1	11.85	12.23	11.17	11.75	4.55	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	33.78	ppb
Bismuth	209-1				84		%
Bismuth	209-2				126		%
Boron	10-1	87.98	88.50	81.34	85.94	4.65	ppb
Boron	11-1	99.38	97.77	89.83	95.66	5.34	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	0.07	-0.05	-0.05		ppb
Cadmium	106-1	-2.21	0.82	-0.82	-0.74		ppb
Cadmium	108-1	-0.05	-0.07	-0.08	-0.07		ppb
Calcium	43-1	2993.80	3063.54	2973.99	3010.45	1.56	ppb
Calcium	44-1	3254.01	3187.62	3095.21	3178.95	2.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.05	0.05	0.07	45.47	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	6.34	ppb
Copper	63-2	0.09	0.04	0.13	0.09	50.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				129		%
Indium	115-1				86		%
Indium	115-2				137		%
Iron	54-2	58.98	54.34	52.98	55.43	5.67	ppb
Iron	56-2	53.29	51.92	50.92	52.04	2.28	ppb
Iron	57-2	61.41	51.35	56.57	56.44	8.91	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07DL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-103IDL2	Dilution Factor :	25
Date & Time Acquired :	2022-08-26 21:16:58	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.07	0.07	0.09	27.64	ppb
Lead	207-1	0.09	0.07	0.08	0.08	13.54	ppb
Lead	208-1	0.10	0.09	0.07	0.09	15.92	ppb
Lithium	6-1				77		%
Magnesium	24-2	3467.13	3398.30	3386.25	3417.22	1.28	ppb
Manganese	55-2	33.24	31.92	30.83	32.00	3.77	ppb
Molybdenum	94-1	0.08	0.07	0.08	0.08	6.45	ppb
Molybdenum	95-1	0.06	0.06	0.07	0.06	7.11	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	40.91	ppb
Molybdenum	97-1	0.06	0.06	0.07	0.06	9.79	ppb
Molybdenum	98-1	0.04	0.06	0.06	0.05	13.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.06	0.04	0.04	29.15	ppb
Phosphorus	31-2	-962.58	-1007.98	-962.66	-977.74		ppb
Potassium	39-2	1477.10	1435.17	1421.61	1444.63	2.00	ppb
Rhodium	103-1				87		%
Rhodium	103-2				129		%
Scandium	45-1				88		%
Scandium	45-2				126		%
Selenium	82-1	1.42	1.30	1.31	1.34	5.08	ppb
Selenium	77-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	78-2	1.28	0.83	1.44	1.18	26.73	ppb
Silicon	28-1	304.68	318.18	305.40	309.42	2.46	ppb
Silver	107-1	0.01	0.00	0.00	0.00	127.11	ppb
Silver	109-1	0.01	0.01	0.00	0.01	59.40	ppb
Sodium	23-2	22731.27	22078.12	22139.31	22316.23	1.62	ppb
Strontium	86-1	35.19	34.93	34.89	35.00	0.46	ppb
Strontium	88-1	35.15	34.62	34.39	34.72	1.11	ppb
Sulfur	34-1	1311.99	1665.45	1422.55	1466.66	12.33	ppb
Terbium	159-1				87		%
Terbium	159-2				126		%
Thallium	203-1	-0.04	-0.06	-0.06	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.06	-0.06		ppb
Tin	118-1	-0.01	0.00	-0.04	-0.02		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07DL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-103IDL2	Dilution Factor :	25
Date & Time Acquired :	2022-08-26 21:16:58	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.18	0.17	0.17	11.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	90.51	ppb
Vanadium	51-2	0.04	0.03	0.02	0.03	27.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				139		%
Zinc	66-2	1.22	0.86	0.95	1.01	18.50	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	186.87	ppb
Zirconium	91-1	0.00	0.00	0.02	0.00	297.74	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DL3X50	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL3	Dilution Factor :	50
Date & Time Acquired :	2022-08-26 21:20:07	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	-0.38	-0.77	-0.34		ppb
Antimony	121-1	0.01	0.02	0.01	0.01	25.37	ppb
Arsenic	75-2	0.10	0.02	0.03	0.05	78.46	ppb
Barium	135-1	1.28	1.38	1.32	1.33	3.98	ppb
Barium	137-1	1.49	1.52	1.40	1.47	4.15	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	16.31	ppb
Bismuth	209-1				81		%
Bismuth	209-2				119		%
Boron	10-1	100.24	97.21	98.61	98.69	1.53	ppb
Boron	11-1	112.68	112.32	111.63	112.21	0.48	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.09	-0.09	-0.08		ppb
Cadmium	106-1	-0.88	-1.27	-1.33	-1.16		ppb
Cadmium	108-1	-0.09	-0.14	-0.10	-0.11		ppb
Calcium	43-1	2401.28	2376.43	2344.28	2374.00	1.20	ppb
Calcium	44-1	2472.21	2448.48	2364.42	2428.37	2.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.05	0.07	0.05	27.77	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	1.32	ppb
Copper	63-2	0.44	0.04	0.02	0.17	141.46	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				89		%
Holmium	165-2				126		%
Indium	115-1				86		%
Indium	115-2				133		%
Iron	54-2	64.44	57.66	61.99	61.36	5.60	ppb
Iron	56-2	61.27	57.46	59.97	59.56	3.25	ppb
Iron	57-2	64.38	59.20	63.26	62.28	4.38	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DL3X50	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL3	Dilution Factor :	50
Date & Time Acquired :	2022-08-26 21:20:07	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.08	0.09	12.54	ppb
Lead	207-1	0.07	0.04	0.06	0.06	22.66	ppb
Lead	208-1	0.09	0.07	0.08	0.08	14.30	ppb
Lithium	6-1				76		%
Magnesium	24-2	8438.26	7997.23	8083.58	8173.02	2.86	ppb
Manganese	55-2	65.59	66.30	65.62	65.83	0.61	ppb
Molybdenum	94-1	0.12	0.16	0.12	0.13	17.97	ppb
Molybdenum	95-1	0.15	0.15	0.12	0.14	14.00	ppb
Molybdenum	96-1	0.13	0.09	0.15	0.12	21.79	ppb
Molybdenum	97-1	0.15	0.14	0.13	0.14	5.72	ppb
Molybdenum	98-1	0.12	0.09	0.11	0.11	15.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.12	0.14	0.16	34.29	ppb
Phosphorus	31-2	-977.33	-1031.13	-895.20	-967.89		ppb
Potassium	39-2	3299.24	3212.45	3247.80	3253.16	1.34	ppb
Rhodium	103-1				84		%
Rhodium	103-2				124		%
Scandium	45-1				88		%
Scandium	45-2				123		%
Selenium	82-1	1.70	1.86	2.18	1.91	12.90	ppb
Selenium	77-2	0.41	-0.33	-0.33	-0.08		ppb
Selenium	78-2	1.23	0.28	0.78	0.76	61.97	ppb
Silicon	28-1	131.76	133.38	124.47	129.87	3.66	ppb
Silver	107-1	0.00	0.00	0.01	0.00	121.29	ppb
Silver	109-1	0.00	0.00	0.00	0.00	103.14	ppb
Sodium	23-2	81394.95	76916.14	78808.39	79039.83	2.84	ppb
Strontium	86-1	48.30	49.05	47.79	48.38	1.31	ppb
Strontium	88-1	47.59	48.21	47.20	47.67	1.06	ppb
Sulfur	34-1	5435.35	5641.25	5272.62	5449.74	3.39	ppb
Terbium	159-1				87		%
Terbium	159-2				122		%
Thallium	203-1	-0.06	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.06	-0.06	-0.05	-0.06		ppb
Tin	118-1	-0.07	-0.04	-0.08	-0.06		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DL3X50	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL3	Dilution Factor :	50
Date & Time Acquired :	2022-08-26 21:20:07	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.13	0.07	0.12	0.11	28.04	ppb
Uranium	238-1	0.11	0.10	0.10	0.10	6.48	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	24.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				88		%
Yttrium	89-2				136		%
Zinc	66-2	0.97	0.38	0.52	0.62	49.65	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	20.16	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	83.91	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 21:23:13	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48497.35	46743.09	47454.58	47565.01	1.85	ppb
Antimony	121-1	470.29	470.94	479.90	473.71	1.13	ppb
Arsenic	75-2	476.04	457.48	460.49	464.67	2.14	ppb
Barium	135-1	2424.24	2302.13	2414.84	2380.40	2.85	ppb
Barium	137-1	2405.07	2399.44	2402.65	2402.39	0.12	ppb
Beryllium	9-1	485.03	476.58	481.05	480.89	0.88	ppb
Bismuth	209-1				75		%
Bismuth	209-2				108		%
Boron	10-1	462.11	494.63	493.79	483.51	3.83	ppb
Boron	11-1	440.74	494.95	496.43	477.37	6.65	ppb
Bromine	81-1						cps
Cadmium	111-1	478.87	467.58	480.70	475.72	1.49	ppb
Cadmium	106-1	471.91	465.49	467.46	468.29	0.70	ppb
Cadmium	108-1	484.86	466.80	478.41	476.69	1.92	ppb
Calcium	43-1	235465.63	236939.80	239407.57	237271.00	0.84	ppb
Calcium	44-1	237836.05	235529.12	236559.14	236641.44	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	470.56	474.94	474.58	473.36	0.51	ppb
Cobalt	59-2	494.06	480.66	474.27	483.00	2.09	ppb
Copper	63-2	4855.01	4796.24	4924.46	4858.57	1.32	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				87		%
Holmium	165-2				121		%
Indium	115-1				79		%
Indium	115-2				124		%
Iron	54-2	126117.82	125642.65	126831.42	126197.30	0.47	ppb
Iron	56-2	123976.45	126259.25	126796.54	125677.41	1.19	ppb
Iron	57-2	124316.92	119674.82	122613.50	122201.75	1.92	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 21:23:13	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2420.78	2337.23	2440.99	2399.67	2.29	ppb
Lead	207-1	2357.98	2390.56	2408.14	2385.56	1.07	ppb
Lead	208-1	2403.73	2382.09	2399.13	2394.98	0.48	ppb
Lithium	6-1				72		%
Magnesium	24-2	245024.10	242027.08	242995.44	243348.87	0.63	ppb
Manganese	55-2	4626.59	4776.48	4862.79	4755.29	2.51	ppb
Molybdenum	94-1	4787.24	4597.47	4658.27	4680.99	2.07	ppb
Molybdenum	95-1	4874.69	4626.43	4750.99	4750.70	2.61	ppb
Molybdenum	96-1	4900.30	4575.72	4698.78	4724.94	3.47	ppb
Molybdenum	97-1	4884.13	4495.04	4720.83	4700.00	4.16	ppb
Molybdenum	98-1	4744.87	4586.39	4758.20	4696.48	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.25	514.31	523.59	517.38	1.04	ppb
Phosphorus	31-2	8388.93	8394.75	8533.64	8439.11	0.97	ppb
Potassium	39-2	128408.29	125627.09	125087.00	126374.13	1.41	ppb
Rhodium	103-1				76		%
Rhodium	103-2				111		%
Scandium	45-1				85		%
Scandium	45-2				117		%
Selenium	82-1	511.79	497.82	508.53	506.05	1.44	ppb
Selenium	77-2	517.01	482.23	465.52	488.25	5.38	ppb
Selenium	78-2	496.08	481.48	487.93	488.50	1.50	ppb
Silicon	28-1	463.81	453.93	469.31	462.35	1.69	ppb
Silver	107-1	489.65	484.20	478.93	484.26	1.11	ppb
Silver	109-1	485.09	483.06	479.07	482.41	0.63	ppb
Sodium	23-2	238311.11	235863.90	234916.58	236363.87	0.74	ppb
Strontium	86-1	11876.81	11577.56	11936.04	11796.80	1.63	ppb
Strontium	88-1	12008.58	11640.55	11584.71	11744.61	1.96	ppb
Sulfur	34-1	9964.71	9631.36	9884.58	9826.89	1.77	ppb
Terbium	159-1				86		%
Terbium	159-2				121		%
Thallium	203-1	494.65	468.34	493.16	485.38	3.04	ppb
Thallium	205-1	478.84	473.62	479.92	477.46	0.71	ppb
Tin	118-1	484.62	445.05	484.61	471.43	4.85	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 21:23:13	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4946.38	4752.12	4806.03	4834.85	2.07	ppb
Uranium	238-1	497.98	476.41	479.26	484.55	2.42	ppb
Vanadium	51-2	482.28	476.43	480.09	479.60	0.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				86		%
Yttrium	89-2				130		%
Zinc	66-2	4847.20	4778.63	4891.72	4839.18	1.18	ppb
Zirconium	90-1	482.67	471.24	479.25	477.72	1.23	ppb
Zirconium	91-1	472.06	472.49	481.53	475.36	1.12	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 21:42:43	DataFile Name :	074CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	0.53	0.51	0.46	24.04	ppb
Antimony	121-1	0.01	0.06	0.01	0.03	92.13	ppb
Arsenic	75-2	0.03	0.00	0.03	0.02	67.42	ppb
Barium	135-1	0.02	0.23	0.00	0.08	151.11	ppb
Barium	137-1	0.00	0.19	0.02	0.07	148.98	ppb
Beryllium	9-1	0.02	0.20	0.02	0.08	129.10	ppb
Bismuth	209-1				78		%
Bismuth	209-2				117		%
Boron	10-1	15.24	16.04	14.14	15.14	6.30	ppb
Boron	11-1	16.34	16.95	16.25	16.51	2.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	-0.08	-0.13	-0.05		ppb
Cadmium	106-1	0.79	-1.67	-1.57	-0.82		ppb
Cadmium	108-1	0.13	0.12	0.17	0.14	18.90	ppb
Calcium	43-1	5.90	64.83	6.20	25.64	132.34	ppb
Calcium	44-1	8.36	59.64	8.72	25.57	115.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.09	0.11	0.11	13.96	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	226.81	ppb
Copper	63-2	0.02	0.06	-0.01	0.02	164.21	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				80		%
Holmium	165-2				119		%
Indium	115-1				77		%
Indium	115-2				128		%
Iron	54-2	3.54	4.12	3.66	3.77	8.16	ppb
Iron	56-2	1.02	1.04	1.16	1.07	6.85	ppb
Iron	57-2	1.29	2.34	2.60	2.08	33.27	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 21:42:43	DataFile Name :	074CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.26	0.06	0.14	75.48	ppb
Lead	207-1	0.06	0.23	0.08	0.12	78.02	ppb
Lead	208-1	0.07	0.27	0.07	0.14	83.67	ppb
Lithium	6-1				71		%
Magnesium	24-2	0.88	1.00	1.08	0.99	9.83	ppb
Manganese	55-2	0.08	0.06	0.06	0.06	17.75	ppb
Molybdenum	94-1	0.03	0.61	0.06	0.23	138.57	ppb
Molybdenum	95-1	0.06	0.60	0.06	0.24	127.53	ppb
Molybdenum	96-1	0.06	0.72	0.03	0.27	143.58	ppb
Molybdenum	97-1	0.07	0.60	0.06	0.24	126.56	ppb
Molybdenum	98-1	0.05	0.61	0.05	0.24	135.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.04	0.06	0.05	17.12	ppb
Phosphorus	31-2	-998.22	-883.53	-999.51	-960.42		ppb
Potassium	39-2	56.52	52.27	43.93	50.91	12.58	ppb
Rhodium	103-1				78		%
Rhodium	103-2				119		%
Scandium	45-1				80		%
Scandium	45-2				116		%
Selenium	82-1	0.34	0.53	0.19	0.35	48.10	ppb
Selenium	77-2	0.46	-0.33	-0.33	-0.06		ppb
Selenium	78-2	1.48	1.35	1.41	1.41	4.81	ppb
Silicon	28-1	20.51	23.29	24.42	22.74	8.84	ppb
Silver	107-1	0.00	0.02	0.00	0.01	129.95	ppb
Silver	109-1	0.01	0.02	0.01	0.01	57.26	ppb
Sodium	23-2	84.71	86.88	80.57	84.05	3.81	ppb
Strontium	86-1	0.11	1.92	0.15	0.73	143.04	ppb
Strontium	88-1	0.02	1.65	0.03	0.57	164.64	ppb
Sulfur	34-1	506.37	444.81	565.43	505.53	11.93	ppb
Terbium	159-1				79		%
Terbium	159-2				118		%
Thallium	203-1	-0.01	0.04	-0.03	0.00	5032.34	ppb
Thallium	205-1	0.00	0.03	-0.01	0.00	445.91	ppb
Tin	118-1	-0.01	0.04	-0.04	0.00		ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 21:42:43	DataFile Name :	074CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	1.00	0.12	0.40	131.11	ppb
Uranium	238-1	0.00	0.04	0.00	0.01	176.83	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	259.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				81		%
Yttrium	89-2				129		%
Zinc	66-2	0.71	0.80	0.83	0.78	8.00	ppb
Zirconium	90-1	0.00	0.06	0.00	0.02	156.93	ppb
Zirconium	91-1	0.02	0.09	-0.01	0.03	151.18	ppb

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 16:56:35	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	134	104	109	20.49	cps
Antimony	121-1	58	33	92	61	47.90	cps
Arsenic	75-2	1	0	0	0	173.21	cps
Barium	135-1	33	42	25	33	25.01	cps
Barium	137-1	58	50	58	56	8.66	cps
Beryllium	9-1	31	36	49	39	23.25	cps
Bismuth	209-1	11015851	10369178	10686289	10690439	3.02	cps
Bismuth	209-2	2356268	2213065	2504120	2357818	6.17	cps
Boron	10-1	1016	1112	996	1041	5.96	cps
Boron	11-1	4760	4676	4694	4710	0.94	cps
Bromine	81-1	94578	98225	101047	97950	3.31	cps
Cadmium	111-1	6216	6386	6227	6276	1.52	cps
Cadmium	106-1	8903	9145	8911	8987	1.53	cps
Cadmium	108-1	42	58	46	49	17.84	cps
Calcium	43-1	300	255	256	270	9.48	cps
Calcium	44-1	17623	16609	16603	16945	3.47	cps
Carbon	12-1	6351855	6405460	6313136	6356817	0.73	cps
Carbon	12-2	48004	48163	49199	48456	1.34	cps
Chlorine	35-1	295876	287534	291018	291476	1.44	cps
Chlorine	35-2	1025	1108	1083	1072	3.99	cps
Chromium	52-2	467	377	403	416	11.12	cps
Cobalt	59-2	30	57	40	42	31.91	cps
Copper	63-2	1120	1187	1137	1148	3.02	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	75	108	92	92	18.18	cps
Erbium	164-2	10	23	13	16	44.60	cps
Gadolinium	160-1	133	133	133	133	0.00	cps
Gadolinium	160-2	67	73	80	73	9.09	cps
Holmium	165-1	17386493	16908342	16701454	16998763	2.07	cps
Holmium	165-2	3255048	3082265	3455151	3264155	5.72	cps
Indium	115-1	15642542	15520232	15528618	15563797	0.44	cps
Indium	115-2	914465	849923	935391	899926	4.95	cps
Iron	54-2	433	461	411	435	5.76	cps
Iron	56-2	2400	2089	2467	2319	8.70	cps
Iron	57-2	56	78	39	57	33.99	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 16:56:35	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	714	677	630	674	6.23	cps
Lead	206-1	1067	928	1000	998	6.96	cps
Lead	207-1	950	878	989	939	6.01	cps
Lead	208-1	4145	3834	4239	4073	5.21	cps
Lithium	6-1	9998140	9874514	9137964	9670206	4.81	cps
Magnesium	24-2	100	125	75	100	25.00	cps
Manganese	55-2	37	43	30	37	18.18	cps
Molybdenum	94-1	283	283	308	292	4.95	cps
Molybdenum	95-1	67	67	42	58	24.74	cps
Molybdenum	96-1	550	325	500	458	25.78	cps
Molybdenum	97-1	58	8	67	44	70.99	cps
Molybdenum	98-1	175	183	200	186	6.84	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	33	43	20	32	36.33	cps
Phosphorus	31-2	7711	7561	7852	7708	1.89	cps
Potassium	39-2	6835	6427	6885	6716	3.75	cps
Rhodium	103-1	14900209	14916777	15347718	15054901	1.69	cps
Rhodium	103-2	2892706	2718501	2875291	2828833	3.39	cps
Scandium	45-1	12563157	12101682	12255208	12306682	1.91	cps
Scandium	45-2	201398	179584	197048	192677	5.99	cps
Selenium	82-1	-14	-21	28	-2	-1051.26	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	33	23	18	25	30.96	cps
Silicon	28-1	847945	835588	832016	838516	1.00	cps
Silver	107-1	250	258	242	250	3.33	cps
Silver	109-1	192	133	100	142	32.75	cps
Sodium	23-2	14950	15116	14975	15014	0.60	cps
Strontium	86-1	1067	1025	1075	1056	2.54	cps
Strontium	88-1	400	325	417	381	12.83	cps
Sulfur	34-1	511927	520041	523379	518449	1.14	cps
Terbium	159-1	18287463	17645266	18149910	18027546	1.88	cps
Terbium	159-2	3629001	3242131	3611208	3494113	6.25	cps
Thallium	203-1	1042	1017	1025	1028	1.24	cps
Thallium	205-1	2659	2559	2559	2592	2.23	cps
Tin	118-1	3484	4351	4109	3981	11.24	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 16:56:35	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	583	450	442	492	16.17	cps
Uranium	238-1	42	75	33	50	44.10	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Ytterbium	172-1	83	83	125	97	24.74	cps
Ytterbium	172-2	17	22	11	17	33.33	cps
Ytterbium	176-1	2784	3034	3067	2962	5.23	cps
Ytterbium	176-2	5485	5412	6113	5670	6.79	cps
Yttrium	89-1	26364995	24470347	25567232	25467525	3.74	cps
Yttrium	89-2	1141783	1093299	1195899	1143660	4.49	cps
Zinc	66-2	153	123	160	146	13.42	cps
Zirconium	90-1	1092	942	1092	1042	8.31	cps
Zirconium	91-1	167	217	167	183	15.75	cps

LB Number : LB121774 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired : 2022-08-26 16:59:45 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1287	1306	1242	1279	2.56	cps
Antimony	121-1	16552	16652	16310	16505	1.06	cps
Arsenic	75-2	119	97	131	116	14.91	cps
Barium	135-1	22828	23746	22987	23187	2.12	cps
Barium	137-1	38489	40796	38915	39400	3.12	cps
Beryllium	9-1	4733	4724	4559	4672	2.10	cps
Bismuth	209-1	10428887	10784794	10974220	10729300	2.58	cps
Bismuth	209-2	2533800	2491374	2522683	2515952	0.87	cps
Boron	10-1	15621	16720	16904	16415	4.23	cps
Boron	11-1	68523	74144	76291	72986	5.50	cps
Bromine	81-1	99609	100505	99457	99857	0.57	cps
Cadmium	111-1	9494	8924	9812	9410	4.78	cps
Cadmium	106-1	9770	8895	10254	9640	7.15	cps
Cadmium	108-1	363	283	363	336	13.60	cps
Calcium	43-1	20653	20258	20362	20424	1.00	cps
Calcium	44-1	347798	338920	342191	342970	1.31	cps
Carbon	12-1	5701291	5780902	5865246	5782480	1.42	cps
Carbon	12-2	44568	43958	45605	44710	1.86	cps
Chlorine	35-1	325392	326657	329765	327271	0.69	cps
Chlorine	35-2	1050	1067	1183	1100	6.60	cps
Chromium	52-2	3364	3137	3314	3272	3.64	cps
Cobalt	59-2	2917	2690	2630	2746	5.51	cps
Copper	63-2	5234	5024	4918	5059	3.19	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	92	100	86	20.14	cps
Erbium	164-2	27	7	10	14	74.18	cps
Gadolinium	160-1	133	100	108	114	15.23	cps
Gadolinium	160-2	70	83	70	74	10.34	cps
Holmium	165-1	16586234	17257527	17450922	17098228	2.65	cps
Holmium	165-2	3430325	3353705	3528613	3437548	2.55	cps
Indium	115-1	15023175	15363233	16097371	15494593	3.54	cps
Indium	115-2	948720	949619	977880	958740	1.73	cps
Iron	54-2	3940	3884	3901	3908	0.73	cps
Iron	56-2	61209	63128	64290	62876	2.47	cps
Iron	57-2	1639	1545	1822	1669	8.47	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 16:59:45	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	692	627	706	675	6.23	cps
Lead	206-1	8042	8153	7903	8032	1.56	cps
Lead	207-1	7213	6807	7085	7035	2.95	cps
Lead	208-1	32199	32005	31137	31781	1.78	cps
Lithium	6-1	9128522	9276197	9786706	9397141	3.68	cps
Magnesium	24-2	84504	81521	84202	83409	1.97	cps
Manganese	55-2	977	953	890	940	4.77	cps
Molybdenum	94-1	21759	21734	22636	22043	2.33	cps
Molybdenum	95-1	27536	26752	26109	26799	2.67	cps
Molybdenum	96-1	30818	30158	29315	30097	2.50	cps
Molybdenum	97-1	16852	15951	16460	16421	2.75	cps
Molybdenum	98-1	43001	41045	43377	42474	2.95	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	730	793	787	770	4.52	cps
Phosphorus	31-2	7302	7044	7327	7224	2.17	cps
Potassium	39-2	51241	52070	50539	51283	1.49	cps
Rhodium	103-1	14934732	14827468	15915687	15225962	3.94	cps
Rhodium	103-2	2871755	2938388	3054590	2954911	3.13	cps
Scandium	45-1	12150031	12394825	12906881	12483912	3.09	cps
Scandium	45-2	196711	203874	207177	202588	2.64	cps
Selenium	82-1	1246	1322	1245	1271	3.49	cps
Selenium	77-2	33	7	20	20	66.65	cps
Selenium	78-2	74	70	81	75	7.42	cps
Silicon	28-1	935072	927807	926331	929737	0.50	cps
Silver	107-1	14241	15201	14884	14775	3.31	cps
Silver	109-1	13432	15175	14917	14508	6.49	cps
Sodium	23-2	164806	161565	161669	162680	1.13	cps
Strontium	86-1	4543	4543	5026	4704	5.93	cps
Strontium	88-1	31912	31570	31745	31742	0.54	cps
Sulfur	34-1	523312	518349	512243	517968	1.07	cps
Terbium	159-1	17905666	18416965	18479848	18267493	1.72	cps
Terbium	159-2	3588762	3621646	3677651	3629353	1.24	cps
Thallium	203-1	9454	9237	9879	9523	3.43	cps
Thallium	205-1	22746	22387	22462	22531	0.84	cps
Tin	118-1	44933	44130	45459	44841	1.49	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 16:59:45	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9895	10045	9612	9851	2.24	cps
Uranium	238-1	26428	26387	25685	26167	1.60	cps
Vanadium	51-2	5601	5618	5458	5559	1.58	cps
Ytterbium	172-1	67	142	100	103	36.56	cps
Ytterbium	172-2	39	28	6	24	70.49	cps
Ytterbium	176-1	2900	3384	2975	3087	8.43	cps
Ytterbium	176-2	5963	6029	6402	6131	3.86	cps
Yttrium	89-1	24856555	26270522	25974460	25700513	2.90	cps
Yttrium	89-2	1173040	1194685	1216041	1194589	1.80	cps
Zinc	66-2	710	790	753	751	5.33	cps
Zirconium	90-1	19723	19856	19414	19664	1.15	cps
Zirconium	91-1	4426	4559	4142	4376	4.86	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:02:56	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63250	62588	61254	62364	1.63	cps
Antimony	121-1	430115	431470	432798	431461	0.31	cps
Arsenic	75-2	6004	5719	5625	5782	3.41	cps
Barium	135-1	614871	606856	626548	616092	1.61	cps
Barium	137-1	1045121	1074717	1057351	1059063	1.40	cps
Beryllium	9-1	227199	224121	223002	224774	0.97	cps
Bismuth	209-1	10741854	10986905	10968396	10899052	1.25	cps
Bismuth	209-2	2441885	2519481	2559528	2506965	2.39	cps
Boron	10-1	32760	34496	35993	34417	4.70	cps
Boron	11-1	146280	152498	158442	152406	3.99	cps
Bromine	81-1	97862	101806	99438	99702	1.99	cps
Cadmium	111-1	156367	159101	154572	156680	1.46	cps
Cadmium	106-1	27269	27269	25775	26771	3.22	cps
Cadmium	108-1	12452	11855	12080	12129	2.48	cps
Calcium	43-1	256357	253699	257585	255880	0.78	cps
Calcium	44-1	3899101	3802528	3851534	3851054	1.25	cps
Carbon	12-1	6048235	6041621	6135442	6075100	0.86	cps
Carbon	12-2	49099	47419	47736	48085	1.86	cps
Chlorine	35-1	320854	329566	323638	324686	1.37	cps
Chlorine	35-2	1058	1458	1192	1236	16.48	cps
Chromium	52-2	75073	75220	72932	74408	1.72	cps
Cobalt	59-2	136164	135883	134325	135457	0.73	cps
Copper	63-2	1063401	1040625	1048864	1050964	1.10	cps
Dysprosium	156-1	67	67	33	56	34.65	cps
Dysprosium	156-2	13	7	3	8	65.47	cps
Erbium	164-1	67	83	67	72	13.33	cps
Erbium	164-2	13	10	0	8	89.21	cps
Gadolinium	160-1	150	133	125	136	9.36	cps
Gadolinium	160-2	60	53	57	57	5.89	cps
Holmium	165-1	18000972	17557749	17250600	17603107	2.14	cps
Holmium	165-2	3372916	3398037	3510455	3427136	2.14	cps
Indium	115-1	15629058	15516861	15831790	15659236	1.02	cps
Indium	115-2	938495	965262	969951	957903	1.77	cps
Iron	54-2	185221	182058	182723	183334	0.91	cps
Iron	56-2	3437001	3329032	3278918	3348317	2.41	cps
Iron	57-2	83773	80460	78404	80879	3.35	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:02:56	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	626	655	679	653	4.02	cps
Lead	206-1	1925072	1954365	1957960	1945799	0.93	cps
Lead	207-1	1711859	1624192	1729261	1688437	3.34	cps
Lead	208-1	7890283	7843652	7874158	7869364	0.30	cps
Lithium	6-1	9656851	9928037	9794708	9793199	1.38	cps
Magnesium	24-2	856393	861251	847907	855184	0.79	cps
Manganese	55-2	426553	420534	410656	419248	1.91	cps
Molybdenum	94-1	1992137	1950609	1939392	1960713	1.42	cps
Molybdenum	95-1	2842861	2756428	2793418	2797569	1.55	cps
Molybdenum	96-1	3086245	3008694	3106754	3067231	1.69	cps
Molybdenum	97-1	1769853	1810959	1731376	1770729	2.25	cps
Molybdenum	98-1	4423350	4469548	4363165	4418688	1.21	cps
Neodymium	150-1	60	53	53	56	6.93	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	37730	36744	36400	36958	1.87	cps
Phosphorus	31-2	10446	10988	10796	10743	2.56	cps
Potassium	39-2	243125	233287	237430	237947	2.08	cps
Rhodium	103-1	15255361	15203261	15149312	15202645	0.35	cps
Rhodium	103-2	2865699	3005547	3017064	2962770	2.84	cps
Scandium	45-1	12732626	12467679	12462149	12554152	1.23	cps
Scandium	45-2	200323	201960	200667	200983	0.43	cps
Selenium	82-1	13254	12722	12745	12907	2.33	cps
Selenium	77-2	230	170	190	197	15.53	cps
Selenium	78-2	664	610	593	622	5.96	cps
Silicon	28-1	1379966	1399449	1426102	1401839	1.65	cps
Silver	107-1	780776	762441	770660	771292	1.19	cps
Silver	109-1	745193	752991	739723	745969	0.89	cps
Sodium	23-2	1677358	1641244	1628433	1649012	1.54	cps
Strontium	86-1	4824405	4778019	4876188	4826204	1.02	cps
Strontium	88-1	41265600	40442300	40826398	40844766	1.01	cps
Sulfur	34-1	606273	606036	612717	608342	0.62	cps
Terbium	159-1	18489006	18728445	18531508	18582986	0.69	cps
Terbium	159-2	3631391	3739331	3787927	3719550	2.15	cps
Thallium	203-1	444782	457858	429514	444051	3.19	cps
Thallium	205-1	1046084	1062458	1046716	1051752	0.88	cps
Tin	118-1	445637	445299	446472	445803	0.14	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:02:56	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	965144	948398	917386	943643	2.57	cps
Uranium	238-1	1344906	1390017	1354939	1363287	1.74	cps
Vanadium	51-2	58245	58021	55266	57177	2.90	cps
Ytterbium	172-1	83	92	100	92	9.09	cps
Ytterbium	172-2	33	22	22	26	24.74	cps
Ytterbium	176-1	4376	4293	3992	4220	4.78	cps
Ytterbium	176-2	5751	6535	6568	6285	7.36	cps
Yttrium	89-1	25659336	26474399	25650371	25928035	1.82	cps
Yttrium	89-2	1183432	1226406	1216465	1208767	1.86	cps
Zinc	66-2	130767	129282	130365	130138	0.59	cps
Zirconium	90-1	969544	967322	972859	969909	0.29	cps
Zirconium	91-1	218212	215606	219754	217857	0.96	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:06:03	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158281	154424	151643	154783	2.15	cps
Antimony	121-1	1040185	1035863	1067809	1047953	1.65	cps
Arsenic	75-2	14415	14441	13943	14266	1.96	cps
Barium	135-1	1530007	1526939	1565725	1540890	1.40	cps
Barium	137-1	2571514	2583375	2631395	2595428	1.22	cps
Beryllium	9-1	555817	543567	547180	548855	1.15	cps
Bismuth	209-1	11131007	10840750	10766500	10912753	1.77	cps
Bismuth	209-2	2519352	2511586	2546189	2525709	0.72	cps
Boron	10-1	81331	83606	88691	84543	4.46	cps
Boron	11-1	349334	376213	386884	370810	5.22	cps
Bromine	81-1	93993	92465	91614	92691	1.30	cps
Cadmium	111-1	368165	377371	374795	373444	1.27	cps
Cadmium	106-1	50175	48821	51907	50301	3.08	cps
Cadmium	108-1	28404	27716	27699	27940	1.44	cps
Calcium	43-1	611370	608854	624486	614903	1.37	cps
Calcium	44-1	9525168	9289392	9581394	9465318	1.64	cps
Carbon	12-1	5979468	6136280	6096154	6070634	1.34	cps
Carbon	12-2	48289	47979	48665	48311	0.71	cps
Chlorine	35-1	316635	313242	312679	314185	0.68	cps
Chlorine	35-2	975	1108	900	995	10.61	cps
Chromium	52-2	188232	187305	181818	185785	1.87	cps
Cobalt	59-2	337555	327620	322754	329310	2.29	cps
Copper	63-2	2736166	2658862	2713022	2702683	1.47	cps
Dysprosium	156-1	100	83	50	78	32.73	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	58	58	125	81	47.78	cps
Erbium	164-2	17	7	17	13	43.29	cps
Gadolinium	160-1	142	225	150	172	26.65	cps
Gadolinium	160-2	110	70	100	93	22.30	cps
Holmium	165-1	17459659	17446219	17720883	17542253	0.88	cps
Holmium	165-2	3519266	3471942	3538643	3509950	0.98	cps
Indium	115-1	15345958	16288449	15745887	15793431	3.00	cps
Indium	115-2	965249	925757	944688	945231	2.09	cps
Iron	54-2	456793	454361	446265	452473	1.22	cps
Iron	56-2	8390574	8127048	8040306	8185976	2.23	cps
Iron	57-2	201562	194028	191946	195845	2.58	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:06:03	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	661	626	652	647	2.82	cps
Lead	206-1	4839755	4787572	4748465	4791931	0.96	cps
Lead	207-1	4237945	4230774	4206744	4225154	0.39	cps
Lead	208-1	19452135	19182727	18967119	19200660	1.27	cps
Lithium	6-1	9634888	9456404	9429683	9506992	1.17	cps
Magnesium	24-2	2230421	2097340	2136060	2154607	3.18	cps
Manganese	55-2	1045375	1031988	1021584	1032983	1.15	cps
Molybdenum	94-1	4668228	4639155	4748581	4685321	1.21	cps
Molybdenum	95-1	6929622	6766212	6826208	6840681	1.21	cps
Molybdenum	96-1	7532289	7314898	7453637	7433608	1.48	cps
Molybdenum	97-1	4216170	4080281	4222604	4173018	1.93	cps
Molybdenum	98-1	10418511	10539773	10755609	10571298	1.62	cps
Neodymium	150-1	153	160	213	176	18.73	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	93137	90215	90916	91422	1.67	cps
Phosphorus	31-2	15776	15943	14875	15531	3.70	cps
Potassium	39-2	607067	575736	574826	585877	3.13	cps
Rhodium	103-1	15013721	14915802	15492636	15140720	2.04	cps
Rhodium	103-2	3030278	2866189	2945775	2947414	2.78	cps
Scandium	45-1	12550119	12766506	12473055	12596560	1.21	cps
Scandium	45-2	209010	195822	201082	201971	3.29	cps
Selenium	82-1	31659	31521	31299	31493	0.58	cps
Selenium	77-2	440	457	423	440	3.79	cps
Selenium	78-2	1542	1489	1520	1517	1.76	cps
Silicon	28-1	2145254	2161841	2137954	2148350	0.57	cps
Silver	107-1	1928830	1909080	1932040	1923317	0.65	cps
Silver	109-1	1807571	1857084	1827870	1830842	1.36	cps
Sodium	23-2	4103277	3903391	3922684	3976451	2.77	cps
Strontium	86-1	11548732	11233468	11575376	11452525	1.66	cps
Strontium	88-1	100097602	96413506	98793656	98434922	1.90	cps
Sulfur	34-1	741360	719291	727463	729371	1.53	cps
Terbium	159-1	18733159	18714610	18895372	18781047	0.53	cps
Terbium	159-2	3810282	3669330	3785427	3755013	2.00	cps
Thallium	203-1	1086985	1109654	1070331	1088990	1.81	cps
Thallium	205-1	2699514	2713756	2659727	2690999	1.04	cps
Tin	118-1	1063570	1094928	1108285	1088928	2.11	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:06:03	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2369671	2269623	2373369	2337554	2.52	cps
Uranium	238-1	3584221	3481108	3500245	3521858	1.56	cps
Vanadium	51-2	146963	142476	140884	143441	2.20	cps
Ytterbium	172-1	58	83	67	69	18.34	cps
Ytterbium	172-2	33	22	17	24	35.24	cps
Ytterbium	176-1	5468	5476	5543	5496	0.75	cps
Ytterbium	176-2	6680	6513	6730	6641	1.71	cps
Yttrium	89-1	25697904	25813541	26095756	25869067	0.79	cps
Yttrium	89-2	1221936	1174674	1206211	1200941	2.00	cps
Zinc	66-2	325435	316031	317599	319688	1.58	cps
Zirconium	90-1	2451533	2407790	2439702	2433008	0.93	cps
Zirconium	91-1	526789	519818	539905	528837	1.93	cps

LB Number : LB121774 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired : 2022-08-26 17:09:12 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	311436	305362	302698	306499	1.46	cps
Antimony	121-1	2107996	2141619	2057088	2102234	2.02	cps
Arsenic	75-2	28784	28036	27693	28171	1.98	cps
Barium	135-1	3041314	3031197	2890873	2987795	2.81	cps
Barium	137-1	5227610	5070378	5033292	5110426	2.02	cps
Beryllium	9-1	1077766	1063335	1121984	1087695	2.81	cps
Bismuth	209-1	10146565	10784384	10739842	10556930	3.37	cps
Bismuth	209-2	2360224	2470625	2459776	2430208	2.50	cps
Boron	10-1	158034	166913	171256	165401	4.07	cps
Boron	11-1	685218	745518	764468	731735	5.66	cps
Bromine	81-1	98156	99276	92966	96799	3.48	cps
Cadmium	111-1	714110	708830	722340	715093	0.95	cps
Cadmium	106-1	91580	88125	91831	90512	2.29	cps
Cadmium	108-1	56503	56264	57223	56663	0.88	cps
Calcium	43-1	1255232	1199190	1296124	1250182	3.89	cps
Calcium	44-1	18535744	18255672	18263161	18351526	0.87	cps
Carbon	12-1	5977930	5959880	6203290	6047034	2.24	cps
Carbon	12-2	48046	49258	48782	48695	1.25	cps
Chlorine	35-1	301081	303451	308894	304475	1.32	cps
Chlorine	35-2	1017	1300	1000	1106	15.25	cps
Chromium	52-2	372807	362498	351313	362206	2.97	cps
Cobalt	59-2	686956	644237	638624	656606	4.03	cps
Copper	63-2	5218718	5045866	5157052	5140546	1.70	cps
Dysprosium	156-1	142	133	100	125	17.64	cps
Dysprosium	156-2	17	27	10	18	47.19	cps
Erbium	164-1	83	75	92	83	10.00	cps
Erbium	164-2	20	10	13	14	35.26	cps
Gadolinium	160-1	125	183	192	167	21.80	cps
Gadolinium	160-2	83	123	83	97	23.90	cps
Holmium	165-1	16973747	17790557	18689829	17818044	4.82	cps
Holmium	165-2	3343915	3528299	3361242	3411152	2.98	cps
Indium	115-1	14685294	15849949	15961852	15499032	4.56	cps
Indium	115-2	907984	943514	901612	917703	2.46	cps
Iron	54-2	900292	894154	878994	891147	1.23	cps
Iron	56-2	16459719	16480881	16115969	16352190	1.25	cps
Iron	57-2	401030	393812	387576	394139	1.71	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:09:12	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	682	619	680	660	5.47	cps
Lead	206-1	9189141	9126228	9428096	9247822	1.72	cps
Lead	207-1	8123894	8034142	8423980	8194005	2.49	cps
Lead	208-1	36640497	36884911	37808730	37111379	1.66	cps
Lithium	6-1	9004770	9817349	10082672	9634930	5.83	cps
Magnesium	24-2	4246867	4214046	4128446	4196453	1.46	cps
Manganese	55-2	2136782	2171824	2122168	2143591	1.19	cps
Molybdenum	94-1	9251850	9232080	9270648	9251526	0.21	cps
Molybdenum	95-1	13303976	13246767	13391392	13314045	0.55	cps
Molybdenum	96-1	14369507	14522956	14661954	14518139	1.01	cps
Molybdenum	97-1	7960906	8158225	8187819	8102317	1.52	cps
Molybdenum	98-1	20645455	20831872	21098925	20858751	1.09	cps
Neodymium	150-1	293	340	327	320	7.51	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	182598	174455	175707	177587	2.47	cps
Phosphorus	31-2	23611	24271	23645	23842	1.56	cps
Potassium	39-2	1171146	1176674	1137040	1161620	1.85	cps
Rhodium	103-1	14465298	14741752	15032223	14746425	1.92	cps
Rhodium	103-2	2774090	2926662	2795180	2831977	2.92	cps
Scandium	45-1	11611856	12800456	12962487	12458266	5.92	cps
Scandium	45-2	191955	202801	199013	197923	2.78	cps
Selenium	82-1	62789	61759	60588	61712	1.78	cps
Selenium	77-2	910	920	963	931	3.04	cps
Selenium	78-2	3030	2860	2832	2907	3.69	cps
Silicon	28-1	3334348	3310920	3378486	3341251	1.03	cps
Silver	107-1	3662740	3724304	3724556	3703866	0.96	cps
Silver	109-1	3536204	3532672	3599418	3556098	1.06	cps
Sodium	23-2	7920235	7771298	7553141	7748224	2.38	cps
Strontium	86-1	23198707	22498520	22768477	22821901	1.55	cps
Strontium	88-1	201364234	192267879	197613700	197081938	2.32	cps
Sulfur	34-1	949291	939652	925187	938043	1.29	cps
Terbium	159-1	18134135	18614772	19384333	18711080	3.37	cps
Terbium	159-2	3764824	3669312	3761960	3732032	1.46	cps
Thallium	203-1	2240944	2222926	2205852	2223241	0.79	cps
Thallium	205-1	5238297	5239542	5336181	5271340	1.07	cps
Tin	118-1	2211005	2103539	2057937	2124161	3.70	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:09:12	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4492529	4393692	4512850	4466357	1.43	cps
Uranium	238-1	6956939	6643764	7132955	6911219	3.59	cps
Vanadium	51-2	284127	278256	279550	280645	1.10	cps
Ytterbium	172-1	100	108	150	119	22.43	cps
Ytterbium	172-2	22	17	28	22	25.00	cps
Ytterbium	176-1	7769	8228	8253	8083	3.37	cps
Ytterbium	176-2	7280	7252	7480	7337	1.69	cps
Yttrium	89-1	25475063	25626163	26462491	25854572	2.06	cps
Yttrium	89-2	1140681	1204124	1158880	1167895	2.80	cps
Zinc	66-2	634575	612804	613211	620197	2.01	cps
Zirconium	90-1	4768637	4637502	4789811	4731984	1.74	cps
Zirconium	91-1	1053981	1028966	1022480	1035142	1.61	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:12:19	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	606713	585440	582491	591548	2.23	cps
Antimony	121-1	4092670	4188033	4162027	4147576	1.19	cps
Arsenic	75-2	56547	54213	53917	54892	2.62	cps
Barium	135-1	5781305	5759748	5954609	5831888	1.83	cps
Barium	137-1	9866072	9926949	10111139	9968053	1.28	cps
Beryllium	9-1	2144550	2148785	2010218	2101184	3.75	cps
Bismuth	209-1	9690570	10323913	10017864	10010782	3.16	cps
Bismuth	209-2	2303295	2321095	2434810	2353067	3.03	cps
Boron	10-1	298405	322096	330251	316917	5.22	cps
Boron	11-1	1340912	1318371	1356716	1338666	1.44	cps
Bromine	81-1	94781	96802	94407	95330	1.35	cps
Cadmium	111-1	1361223	1380262	1422188	1387891	2.25	cps
Cadmium	106-1	163615	162439	163287	163114	0.37	cps
Cadmium	108-1	106500	106697	110749	107982	2.22	cps
Calcium	43-1	2463959	2474839	2507689	2482162	0.92	cps
Calcium	44-1	34890146	36384579	36247279	35840668	2.30	cps
Carbon	12-1	6463758	6461668	6523659	6483028	0.54	cps
Carbon	12-2	52319	52745	53113	52726	0.75	cps
Chlorine	35-1	294002	299343	300885	298077	1.21	cps
Chlorine	35-2	925	975	908	936	3.71	cps
Chromium	52-2	700474	697812	700818	699701	0.24	cps
Cobalt	59-2	1294618	1266997	1247949	1269855	1.85	cps
Copper	63-2	9902356	10020875	9790266	9904499	1.16	cps
Dysprosium	156-1	208	267	233	236	12.40	cps
Dysprosium	156-2	47	40	20	36	39.03	cps
Erbium	164-1	58	92	108	86	29.57	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	183	158	225	189	17.83	cps
Gadolinium	160-2	80	87	70	79	10.64	cps
Holmium	165-1	16447700	17690061	17535862	17224541	3.93	cps
Holmium	165-2	3388358	3527061	3580684	3498701	2.84	cps
Indium	115-1	13933253	14857229	14939124	14576535	3.83	cps
Indium	115-2	897898	893003	924433	905111	1.87	cps
Iron	54-2	1804716	1776236	1749259	1776737	1.56	cps
Iron	56-2	32351864	30457666	30814612	31208047	3.23	cps
Iron	57-2	784737	762171	745561	764156	2.57	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:12:19	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	652	670	667	663	1.43	cps
Lead	206-1	17832393	18126193	18223444	18060677	1.13	cps
Lead	207-1	15643686	16414758	16498066	16185503	2.91	cps
Lead	208-1	71993305	73120867	75008984	73374385	2.08	cps
Lithium	6-1	8853350	9196924	8780816	8943697	2.49	cps
Magnesium	24-2	8321518	8148209	8104254	8191327	1.40	cps
Manganese	55-2	4169640	4056474	3972535	4066216	2.43	cps
Molybdenum	94-1	17816273	18096998	18184535	18032602	1.07	cps
Molybdenum	95-1	26131658	26076608	25460426	25889564	1.44	cps
Molybdenum	96-1	28904063	28651599	28692229	28749297	0.47	cps
Molybdenum	97-1	15775199	16148917	16254811	16059643	1.57	cps
Molybdenum	98-1	41168999	41302784	41356162	41275982	0.23	cps
Neodymium	150-1	613	580	627	607	3.96	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	344781	336344	334520	338548	1.62	cps
Phosphorus	31-2	40524	38861	37391	38925	4.03	cps
Potassium	39-2	2302615	2307965	2262981	2291187	1.07	cps
Rhodium	103-1	13286281	13971201	13834309	13697264	2.65	cps
Rhodium	103-2	2758127	2812998	2873068	2814731	2.04	cps
Scandium	45-1	11309029	12151659	11913364	11791351	3.68	cps
Scandium	45-2	191530	190199	198173	193300	2.21	cps
Selenium	82-1	119358	118425	120245	119343	0.76	cps
Selenium	77-2	1853	1797	1637	1762	6.38	cps
Selenium	78-2	5888	5545	5573	5668	3.36	cps
Silicon	28-1	5681269	5842803	5619156	5714409	2.02	cps
Silver	107-1	7013180	6989149	6970428	6990919	0.31	cps
Silver	109-1	6515841	6843297	6815429	6724856	2.70	cps
Sodium	23-2	15504699	14763900	14958675	15075758	2.55	cps
Strontium	86-1	44920493	45029473	44718511	44889492	0.35	cps
Strontium	88-1	387365684	399711217	385341159	390806020	1.99	cps
Sulfur	34-1	1168422	1181064	1142520	1164002	1.69	cps
Terbium	159-1	17123957	18258596	17422581	17601711	3.34	cps
Terbium	159-2	3564382	3607047	3803876	3658435	3.49	cps
Thallium	203-1	4341788	4223748	4349603	4305046	1.64	cps
Thallium	205-1	10045015	10289275	10057258	10130516	1.36	cps
Tin	118-1	4160080	4270717	4232300	4221032	1.33	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:12:19	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8664128	8979697	8730767	8791531	1.89	cps
Uranium	238-1	13477798	13800963	13807604	13695455	1.38	cps
Vanadium	51-2	564567	550460	544442	553156	1.87	cps
Ytterbium	172-1	50	150	75	92	56.78	cps
Ytterbium	172-2	11	33	17	20	56.76	cps
Ytterbium	176-1	12490	12298	12181	12323	1.26	cps
Ytterbium	176-2	7597	8064	8275	7978	4.35	cps
Yttrium	89-1	23414055	25295675	25446971	24718900	4.58	cps
Yttrium	89-2	1145671	1156582	1201410	1167888	2.53	cps
Zinc	66-2	1213461	1187541	1178457	1193153	1.52	cps
Zirconium	90-1	9182403	9279851	9392487	9284914	1.13	cps
Zirconium	91-1	2089295	2081752	2100640	2090562	0.45	cps

LB Number : LB121774 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2022-08-26 17:15:27 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1304616	1316927	1311065	1310869	0.47	cps
Antimony	121-1	8146575	8045926	8145210	8112571	0.71	cps
Arsenic	75-2	114071	112778	112173	113007	0.86	cps
Barium	135-1	11581943	12067533	12111760	11920412	2.47	cps
Barium	137-1	19898858	20655803	19999323	20184661	2.04	cps
Beryllium	9-1	4007869	3945757	3965354	3972993	0.80	cps
Bismuth	209-1	10146858	9940780	10031037	10039558	1.03	cps
Bismuth	209-2	2406121	2433436	2467665	2435741	1.27	cps
Boron	10-1	623369	635711	651347	636809	2.20	cps
Boron	11-1	2468236	2606308	2751574	2608706	5.43	cps
Bromine	81-1	97964	100293	101497	99918	1.80	cps
Cadmium	111-1	2709708	2697728	2729173	2712203	0.59	cps
Cadmium	106-1	311807	314408	315352	313856	0.58	cps
Cadmium	108-1	211648	208573	210861	210361	0.76	cps
Calcium	43-1	4811954	4963030	4958421	4911135	1.75	cps
Calcium	44-1	72831026	72549781	74602045	73327617	1.52	cps
Carbon	12-1	7110165	7220970	7436252	7255796	2.29	cps
Carbon	12-2	59781	58843	59471	59365	0.80	cps
Chlorine	35-1	307852	298272	304471	303532	1.60	cps
Chlorine	35-2	1058	1200	1075	1111	6.97	cps
Chromium	52-2	1609292	1554693	1533810	1565932	2.49	cps
Cobalt	59-2	2783229	2803084	2726521	2770944	1.43	cps
Copper	63-2	19990108	20247788	20186453	20141450	0.67	cps
Dysprosium	156-1	408	367	542	439	20.83	cps
Dysprosium	156-2	63	73	113	83	31.76	cps
Erbium	164-1	133	142	117	131	9.75	cps
Erbium	164-2	20	17	13	17	20.01	cps
Gadolinium	160-1	275	258	308	281	9.08	cps
Gadolinium	160-2	103	123	113	113	8.83	cps
Holmium	165-1	17757330	17524648	17697911	17659963	0.68	cps
Holmium	165-2	3584674	3590936	3749884	3641832	2.57	cps
Indium	115-1	15153240	14612399	14727793	14831144	1.92	cps
Indium	115-2	937540	943246	946024	942270	0.46	cps
Iron	54-2	3795982	3737795	3687435	3740404	1.45	cps
Iron	56-2	67118586	65414642	63980822	65504683	2.40	cps
Iron	57-2	1712044	1683702	1624050	1673265	2.68	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:15:27	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	674	709	681	688	2.68	cps
Lead	206-1	35952308	35602609	35800649	35785189	0.49	cps
Lead	207-1	31206089	31552663	31432847	31397200	0.56	cps
Lead	208-1	143172143	145537448	144738748	144482780	0.83	cps
Lithium	6-1	9287444	8685862	8890556	8954620	3.42	cps
Magnesium	24-2	16867642	16819319	16873742	16853568	0.18	cps
Manganese	55-2	8552958	8390452	8428369	8457260	1.01	cps
Molybdenum	94-1	36520917	38028788	37823973	37457893	2.18	cps
Molybdenum	95-1	52109992	53607955	54789941	53502629	2.51	cps
Molybdenum	96-1	57510480	57872003	58472953	57951812	0.84	cps
Molybdenum	97-1	32585923	32913239	32217150	32572104	1.07	cps
Molybdenum	98-1	83507385	83644977	84915044	84022469	0.92	cps
Neodymium	150-1	1073	1213	1133	1140	6.16	cps
Neodymium	150-2	17	20	17	18	10.81	cps
Nickel	60-2	703972	705864	696038	701958	0.74	cps
Phosphorus	31-2	73679	72909	74659	73749	1.19	cps
Potassium	39-2	4792985	4766037	4693623	4750881	1.08	cps
Rhodium	103-1	14367551	14240500	13918553	14175535	1.63	cps
Rhodium	103-2	2905028	2902000	2934240	2913756	0.61	cps
Scandium	45-1	12458374	11983580	12223040	12221665	1.94	cps
Scandium	45-2	206413	204496	207150	206020	0.66	cps
Selenium	82-1	230200	232129	235897	232742	1.24	cps
Selenium	77-2	3467	3574	3204	3415	5.58	cps
Selenium	78-2	11656	11837	11499	11664	1.45	cps
Silicon	28-1	9913928	9874603	10175821	9988117	1.64	cps
Silver	107-1	13899310	13727724	13686196	13771077	0.82	cps
Silver	109-1	12960685	13157141	13082558	13066794	0.76	cps
Sodium	23-2	32413442	31681832	32027673	32040982	1.14	cps
Strontium	86-1	91858667	88548210	90977375	90461417	1.90	cps
Strontium	88-1	782762834	768556651	804536668	785285384	2.31	cps
Sulfur	34-1	1823883	1763501	1893371	1826918	3.56	cps
Terbium	159-1	19043388	18344345	18390601	18592778	2.10	cps
Terbium	159-2	3919080	3919317	4033589	3957329	1.67	cps
Thallium	203-1	8527787	8657435	8741575	8642266	1.25	cps
Thallium	205-1	20159942	19936910	20139499	20078784	0.61	cps
Tin	118-1	8388220	8355221	8442245	8395228	0.52	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:15:27	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	17593601	17497651	17274720	17455324	0.94	cps
Uranium	238-1	26817408	27338530	27801512	27319150	1.80	cps
Vanadium	51-2	1194575	1174729	1171520	1180275	1.06	cps
Ytterbium	172-1	75	117	150	114	33.00	cps
Ytterbium	172-2	44	22	22	30	43.32	cps
Ytterbium	176-1	22152	22728	22954	22612	1.83	cps
Ytterbium	176-2	10971	11199	11494	11222	2.34	cps
Yttrium	89-1	26634576	25349128	25301003	25761569	2.94	cps
Yttrium	89-2	1225777	1226941	1237721	1230146	0.54	cps
Zinc	66-2	2530548	2518991	2357837	2469125	3.91	cps
Zirconium	90-1	18719597	19055795	18595432	18790275	1.27	cps
Zirconium	91-1	4114876	4256290	4252057	4207741	1.91	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:18:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5930897	5953061	5838019	5907325	1.03	cps
Antimony	121-1	8211	9253	9670	9045	8.31	cps
Arsenic	75-2	81	73	105	86	19.29	cps
Barium	135-1	5910	6910	6360	6393	7.84	cps
Barium	137-1	9745	11714	10479	10646	9.34	cps
Beryllium	9-1	587	949	694	743	24.98	cps
Bismuth	209-1	8429473	8550278	8268211	8415988	1.68	cps
Bismuth	209-2	2070735	2065409	2132522	2089555	1.79	cps
Boron	10-1	64639	60388	53123	59383	9.81	cps
Boron	11-1	281320	257712	242447	260493	7.52	cps
Bromine	81-1	95447	91596	94749	93931	2.18	cps
Cadmium	111-1	6555	7123	6416	6698	5.59	cps
Cadmium	106-1	8920	9470	8853	9081	3.73	cps
Cadmium	108-1	246	283	342	290	16.64	cps
Calcium	43-1	19843293	19007966	19305649	19385636	2.18	cps
Calcium	44-1	316802250	310636351	309370769	312269790	1.27	cps
Carbon	12-1	7719154	8321766	8484516	8175145	4.93	cps
Carbon	12-2	74481	75654	74532	74889	0.89	cps
Chlorine	35-1	312895	306723	303476	307698	1.56	cps
Chlorine	35-2	1267	992	1208	1156	12.54	cps
Chromium	52-2	3617	3297	3837	3584	7.58	cps
Cobalt	59-2	4444	4254	4744	4481	5.52	cps
Copper	63-2	4737	4738	6663	5379	20.66	cps
Dysprosium	156-1	1342	1283	1350	1325	2.74	cps
Dysprosium	156-2	197	163	180	180	9.26	cps
Erbium	164-1	92	158	150	133	27.24	cps
Erbium	164-2	27	17	20	21	24.12	cps
Gadolinium	160-1	942	792	925	886	9.28	cps
Gadolinium	160-2	260	213	233	236	9.94	cps
Holmium	165-1	17030145	17367953	16651115	17016404	2.11	cps
Holmium	165-2	3549338	3481898	3535780	3522339	1.01	cps
Indium	115-1	13878691	13852406	13387354	13706151	2.02	cps
Indium	115-2	876340	893564	908592	892832	1.81	cps
Iron	54-2	16559992	16096844	16055160	16237332	1.73	cps
Iron	56-2	292675507	292877007	291295507	292282673	0.29	cps
Iron	57-2	7508367	7402222	7468477	7459689	0.72	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:18:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	721	722	731	725	0.75	cps
Lead	206-1	7169	10827	8220	8738	21.55	cps
Lead	207-1	5779	9465	6791	7345	25.93	cps
Lead	208-1	28079	43559	31917	34518	23.35	cps
Lithium	6-1	8116205	8178910	7981280	8092132	1.25	cps
Magnesium	24-2	75909118	74874864	74059781	74947921	1.24	cps
Manganese	55-2	4454	4231	5448	4711	13.76	cps
Molybdenum	94-1	15368	18371	15259	16332	10.81	cps
Molybdenum	95-1	17286	21443	16719	18483	13.96	cps
Molybdenum	96-1	49724	53129	51021	51291	3.35	cps
Molybdenum	97-1	11188	14317	10938	12148	15.50	cps
Molybdenum	98-1	26677	34484	26978	29379	15.05	cps
Neodymium	150-1	87	100	73	87	15.39	cps
Neodymium	150-2	27	13	10	17	52.93	cps
Nickel	60-2	2177	1950	2087	2071	5.51	cps
Phosphorus	31-2	6710	6994	7044	6916	2.60	cps
Potassium	39-2	22797141	22542449	23143858	22827816	1.32	cps
Rhodium	103-1	12256906	12366823	12305549	12309760	0.45	cps
Rhodium	103-2	2575625	2529225	2599184	2568012	1.39	cps
Scandium	45-1	11484884	11626986	11435637	11515836	0.86	cps
Scandium	45-2	198489	199901	198330	198906	0.43	cps
Selenium	82-1	299	331	332	321	5.96	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	31	27	24	27	12.85	cps
Silicon	28-1	4458452	4752670	4700343	4637155	3.38	cps
Silver	107-1	4718	5043	4709	4823	3.94	cps
Silver	109-1	4484	5184	4451	4706	8.80	cps
Sodium	23-2	149681345	144357012	150037858	148025405	2.15	cps
Strontium	86-1	29792	40320	33552	34554	15.44	cps
Strontium	88-1	247422	319268	265172	277287	13.50	cps
Sulfur	34-1	419822	418522	411074	416472	1.13	cps
Terbium	159-1	17578302	17467621	17654567	17566830	0.54	cps
Terbium	159-2	3780974	3761686	3825902	3789521	0.87	cps
Thallium	203-1	3259	4501	3376	3712	18.48	cps
Thallium	205-1	7853	10555	9012	9140	14.83	cps
Tin	118-1	11627	11063	10604	11098	4.61	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:18:34	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2992	4951	3926	3956	24.77	cps
Uranium	238-1	2809	5218	3943	3990	30.21	cps
Vanadium	51-2	253	270	407	310	27.14	cps
Ytterbium	172-1	275	225	183	228	20.15	cps
Ytterbium	172-2	94	61	61	72	26.65	cps
Ytterbium	176-1	2950	3167	3084	3067	3.56	cps
Ytterbium	176-2	5963	6302	6235	6166	2.91	cps
Yttrium	89-1	23993515	24213379	23745691	23984195	0.98	cps
Yttrium	89-2	1183320	1166544	1194277	1181380	1.18	cps
Zinc	66-2	2210	2167	2214	2197	1.19	cps
Zirconium	90-1	9654	12114	10696	10821	11.41	cps
Zirconium	91-1	1934	2675	2375	2328	16.03	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICV03	Instrumnet Name :	P8
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:31:26	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31261	31296	31705	31421	0.79	cps
Antimony	121-1	1699954	1726216	1724656	1716942	0.86	cps
Arsenic	75-2	24149	23942	23881	23990	0.59	cps
Barium	135-1	229438	229915	227955	229103	0.45	cps
Barium	137-1	392912	399455	387850	393406	1.48	cps
Beryllium	9-1	435902	438034	431603	435180	0.75	cps
Bismuth	209-1	10752429	10709020	11381980	10947809	3.44	cps
Bismuth	209-2	2492840	2575411	2644834	2571029	2.96	cps
Boron	10-1	19844	19115	19143	19367	2.13	cps
Boron	11-1	83320	86541	83860	84573	2.04	cps
Bromine	81-1	99909	103334	96210	99818	3.57	cps
Cadmium	111-1	292844	296089	291141	293358	0.86	cps
Cadmium	106-1	33826	34486	33550	33954	1.42	cps
Cadmium	108-1	18805	19247	19360	19137	1.53	cps
Calcium	43-1	78774	80966	78784	79508	1.59	cps
Calcium	44-1	1310401	1348619	1361516	1340179	1.98	cps
Carbon	12-1	6170534	6179066	6201493	6183698	0.26	cps
Carbon	12-2	47945	49626	49141	48904	1.77	cps
Chlorine	35-1	262593	261465	262713	262257	0.26	cps
Chlorine	35-2	800	1033	1025	953	13.89	cps
Chromium	52-2	154463	151740	150862	152355	1.23	cps
Cobalt	59-2	275114	274471	271432	273672	0.72	cps
Copper	63-2	210735	204358	203257	206117	1.96	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	108	58	78	34.45	cps
Erbium	164-2	23	7	20	17	52.90	cps
Gadolinium	160-1	75	117	75	89	27.07	cps
Gadolinium	160-2	40	77	90	69	37.58	cps
Holmium	165-1	17576198	17747255	18074879	17799444	1.42	cps
Holmium	165-2	3665765	3508978	3629856	3601533	2.28	cps
Indium	115-1	15589699	15646651	16016591	15750980	1.47	cps
Indium	115-2	1007269	979810	999027	995368	1.42	cps
Iron	54-2	145369	147426	144391	145729	1.06	cps
Iron	56-2	2680864	2715561	2590645	2662357	2.42	cps
Iron	57-2	61756	64937	62124	62939	2.76	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICV03	Instrumnet Name :	P8
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:31:26	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	700	664	657	674	3.41	cps
Lead	206-1	1449711	1443510	1467642	1453621	0.86	cps
Lead	207-1	1218567	1229416	1234298	1227427	0.66	cps
Lead	208-1	5899043	5890443	5884528	5891338	0.12	cps
Lithium	6-1	9740955	9543293	9425500	9569916	1.67	cps
Magnesium	24-2	197948	194287	193598	195278	1.20	cps
Manganese	55-2	85469	84415	83463	84449	1.19	cps
Molybdenum	94-1	942	817	908	889	7.28	cps
Molybdenum	95-1	1100	1025	1083	1070	3.68	cps
Molybdenum	96-1	1834	1750	1692	1759	4.05	cps
Molybdenum	97-1	600	617	550	589	5.89	cps
Molybdenum	98-1	1542	1792	1500	1611	9.79	cps
Neodymium	150-1	13	47	27	29	58.08	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	76310	75764	73452	75176	2.02	cps
Phosphorus	31-2	7177	7077	7252	7169	1.23	cps
Potassium	39-2	190399	192563	190556	191173	0.63	cps
Rhodium	103-1	15110887	15154173	15921061	15395373	2.96	cps
Rhodium	103-2	3036247	2901510	3007367	2981708	2.38	cps
Scandium	45-1	12830715	12828779	12824933	12828142	0.02	cps
Scandium	45-2	213596	203160	210376	209044	2.56	cps
Selenium	82-1	51972	51706	51837	51838	0.26	cps
Selenium	77-2	820	893	763	826	7.90	cps
Selenium	78-2	2644	2611	2518	2591	2.50	cps
Silicon	28-1	858283	854449	838297	850343	1.25	cps
Silver	107-1	697745	713027	703430	704734	1.10	cps
Silver	109-1	677862	689140	673611	680204	1.18	cps
Sodium	23-2	629522	633856	626088	629822	0.62	cps
Strontium	86-1	2067	1884	1850	1934	6.03	cps
Strontium	88-1	8911	7844	8378	8378	6.37	cps
Sulfur	34-1	471000	477403	475568	474657	0.69	cps
Terbium	159-1	18713667	18459323	18201007	18457999	1.39	cps
Terbium	159-2	3923769	3715772	3838585	3826042	2.73	cps
Thallium	203-1	1812229	1839767	1851355	1834450	1.10	cps
Thallium	205-1	4311417	4442120	4460896	4404811	1.85	cps
Tin	118-1	5052	4501	4468	4673	7.02	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICV03	Instrumnet Name :	P8
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:31:26	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	533	442	458	478	10.22	cps
Uranium	238-1	92	42	67	67	37.50	cps
Vanadium	51-2	115227	113517	113426	114057	0.89	cps
Ytterbium	172-1	117	117	108	114	4.22	cps
Ytterbium	172-2	6	6	39	17	115.44	cps
Ytterbium	176-1	3167	2609	3000	2925	9.80	cps
Ytterbium	176-2	6474	6363	6368	6402	0.98	cps
Yttrium	89-1	27548276	25043230	26776286	26455931	4.85	cps
Yttrium	89-2	1310206	1224077	1267076	1267119	3.40	cps
Zinc	66-2	52527	51407	50674	51536	1.81	cps
Zirconium	90-1	1183	1175	1342	1233	7.62	cps
Zirconium	91-1	492	492	475	486	1.98	cps

LB Number : LB121774 Operator : Jaswal
 Lab Sample ID : LLICV Instrumnet Name : P8
 Client Sample ID : LLICV Dilution Factor : 1
 Date & Time Acquired : 2022-08-26 17:37:03 DataFile Name : 013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1297	1285	1296	1293	0.53	cps
Antimony	121-1	16594	16819	15968	16460	2.68	cps
Arsenic	75-2	135	124	118	126	6.86	cps
Barium	135-1	22152	21860	22586	22199	1.65	cps
Barium	137-1	38556	36859	36175	37197	3.30	cps
Beryllium	9-1	4511	4656	4570	4579	1.59	cps
Bismuth	209-1	11157998	10968650	10908160	11011603	1.18	cps
Bismuth	209-2	2748773	2779818	2741775	2756789	0.73	cps
Boron	10-1	27807	30468	28997	29090	4.58	cps
Boron	11-1	125597	129228	134952	129926	3.63	cps
Bromine	81-1	97744	99312	101865	99640	2.09	cps
Cadmium	111-1	9585	9713	9377	9558	1.77	cps
Cadmium	106-1	9846	9812	9620	9759	1.25	cps
Cadmium	108-1	308	258	254	274	11.02	cps
Calcium	43-1	19710	20123	20297	20043	1.50	cps
Calcium	44-1	337728	340054	337137	338307	0.46	cps
Carbon	12-1	6243685	6354677	6410251	6336204	1.34	cps
Carbon	12-2	51842	49334	49534	50237	2.78	cps
Chlorine	35-1	250729	249239	245906	248625	0.99	cps
Chlorine	35-2	967	1000	992	986	1.76	cps
Chromium	52-2	3404	3414	3297	3372	1.92	cps
Cobalt	59-2	2910	2907	2787	2868	2.45	cps
Copper	63-2	5411	5598	5504	5504	1.70	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	67	8	117	64	84.87	cps
Erbium	164-2	33	10	20	21	55.45	cps
Gadolinium	160-1	117	100	125	114	11.18	cps
Gadolinium	160-2	100	83	70	84	17.80	cps
Holmium	165-1	18177491	17991440	17635634	17934855	1.54	cps
Holmium	165-2	3819412	3594298	3704851	3706187	3.04	cps
Indium	115-1	15837708	15718874	15664806	15740463	0.56	cps
Indium	115-2	1031979	1035748	1033245	1033657	0.19	cps
Iron	54-2	4117	4234	3967	4106	3.26	cps
Iron	56-2	65774	65372	65824	65657	0.38	cps
Iron	57-2	1817	1683	1556	1685	7.75	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:37:03	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	659	696	689	681	2.91	cps
Lead	206-1	7991	7936	7575	7834	2.89	cps
Lead	207-1	6769	6902	7019	6896	1.82	cps
Lead	208-1	32778	31610	31277	31888	2.47	cps
Lithium	6-1	10121776	9990315	9666043	9926045	2.36	cps
Magnesium	24-2	86609	87421	81689	85239	3.64	cps
Manganese	55-2	1133	997	900	1010	11.61	cps
Molybdenum	94-1	21400	21868	21025	21431	1.97	cps
Molybdenum	95-1	27110	26768	26660	26846	0.88	cps
Molybdenum	96-1	29925	29640	29616	29727	0.58	cps
Molybdenum	97-1	15626	16744	15651	16007	3.99	cps
Molybdenum	98-1	42307	41613	41379	41766	1.16	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	863	703	777	781	10.25	cps
Phosphorus	31-2	7144	7702	7394	7413	3.77	cps
Potassium	39-2	55474	53609	52522	53868	2.77	cps
Rhodium	103-1	15727789	15169440	15374863	15424031	1.83	cps
Rhodium	103-2	3175096	3242832	3125703	3181211	1.85	cps
Scandium	45-1	12591956	12536505	12581473	12569978	0.23	cps
Scandium	45-2	216439	211502	215731	214558	1.24	cps
Selenium	82-1	1395	1291	1305	1330	4.24	cps
Selenium	77-2	17	13	13	14	13.35	cps
Selenium	78-2	96	87	84	89	7.02	cps
Silicon	28-1	906511	904970	903385	904955	0.17	cps
Silver	107-1	14575	15417	14558	14850	3.31	cps
Silver	109-1	13582	14516	14567	14222	3.90	cps
Sodium	23-2	173875	168830	165712	169472	2.43	cps
Strontium	86-1	4584	4434	5084	4701	7.24	cps
Strontium	88-1	31653	31353	30551	31186	1.83	cps
Sulfur	34-1	478406	479754	486053	481404	0.85	cps
Terbium	159-1	18333991	18833413	18390183	18519196	1.48	cps
Terbium	159-2	4003716	3955504	3948971	3969397	0.75	cps
Thallium	203-1	8628	9395	9229	9084	4.44	cps
Thallium	205-1	23155	22529	21677	22453	3.30	cps
Tin	118-1	44548	44424	45468	44813	1.27	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:37:03	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9078	9228	9528	9278	2.47	cps
Uranium	238-1	25852	25718	24182	25251	3.68	cps
Vanadium	51-2	5454	5604	5688	5582	2.12	cps
Ytterbium	172-1	42	92	133	89	51.63	cps
Ytterbium	172-2	11	11	28	17	57.75	cps
Ytterbium	176-1	3225	3025	3025	3092	3.74	cps
Ytterbium	176-2	6785	6857	6941	6861	1.14	cps
Yttrium	89-1	26877415	26590761	26881249	26783142	0.62	cps
Yttrium	89-2	1269305	1303694	1294857	1289285	1.39	cps
Zinc	66-2	697	747	720	721	3.47	cps
Zirconium	90-1	19422	18905	19080	19136	1.37	cps
Zirconium	91-1	4376	3976	3909	4087	6.18	cps

LB Number : LB121774 Operator : Jaswal
 Lab Sample ID : ICB03 Instrumnet Name : P8
 Client Sample ID : ICB03 Dilution Factor : 1
 Date & Time Acquired : 2022-08-26 17:40:13 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101	74	114	96	21.26	cps
Antimony	121-1	517	333	333	394	26.84	cps
Arsenic	75-2	1	6	1	3	108.25	cps
Barium	135-1	183	42	33	86	97.90	cps
Barium	137-1	492	125	67	228	101.15	cps
Beryllium	9-1	172	109	89	123	35.46	cps
Bismuth	209-1	10604749	10577875	10703176	10628600	0.62	cps
Bismuth	209-2	2711963	2671741	2714771	2699491	0.89	cps
Boron	10-1	13432	14114	13884	13810	2.51	cps
Boron	11-1	61629	59902	60175	60569	1.53	cps
Bromine	81-1	106022	100022	106074	104039	3.34	cps
Cadmium	111-1	6498	6497	6617	6537	1.05	cps
Cadmium	106-1	9278	9328	9470	9359	1.06	cps
Cadmium	108-1	121	83	83	96	22.59	cps
Calcium	43-1	557	320	312	397	35.13	cps
Calcium	44-1	21584	17650	17725	18987	11.85	cps
Carbon	12-1	5942603	5902289	6113569	5986154	1.87	cps
Carbon	12-2	48757	47619	48723	48366	1.34	cps
Chlorine	35-1	300927	303896	308114	304312	1.19	cps
Chlorine	35-2	1108	1050	1125	1095	3.60	cps
Chromium	52-2	457	493	507	486	5.33	cps
Cobalt	59-2	57	63	60	60	5.55	cps
Copper	63-2	1203	1290	1103	1199	7.79	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	58	92	75	22.23	cps
Erbium	164-2	13	10	23	16	44.60	cps
Gadolinium	160-1	75	75	125	92	31.49	cps
Gadolinium	160-2	90	100	83	91	9.21	cps
Holmium	165-1	17596384	17273372	17476769	17448842	0.94	cps
Holmium	165-2	3704703	3561696	3606655	3624351	2.02	cps
Indium	115-1	15916664	15447070	15658099	15673944	1.50	cps
Indium	115-2	1029253	1012496	1033422	1025057	1.08	cps
Iron	54-2	394	528	561	494	17.84	cps
Iron	56-2	3056	2861	2673	2863	6.70	cps
Iron	57-2	61	72	61	65	9.90	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICB03	Instrumnet Name :	P8
Client Sample ID :	ICB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:40:13	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	635	657	670	654	2.71	cps
Lead	206-1	1839	1100	1333	1424	26.53	cps
Lead	207-1	1578	867	1100	1182	30.68	cps
Lead	208-1	7062	4473	5084	5540	24.43	cps
Lithium	6-1	9843621	9731304	9234860	9603261	3.37	cps
Magnesium	24-2	275	192	258	242	18.25	cps
Manganese	55-2	40	53	37	43	20.34	cps
Molybdenum	94-1	1342	658	583	861	48.53	cps
Molybdenum	95-1	1133	492	608	745	45.92	cps
Molybdenum	96-1	1717	958	800	1158	42.30	cps
Molybdenum	97-1	800	458	308	522	48.25	cps
Molybdenum	98-1	2159	1167	1083	1470	40.70	cps
Neodymium	150-1	33	13	7	18	78.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	60	53	57	5.89	cps
Phosphorus	31-2	6860	7077	7444	7127	4.14	cps
Potassium	39-2	7869	7619	8011	7833	2.53	cps
Rhodium	103-1	15924073	15326357	15044444	15431625	2.91	cps
Rhodium	103-2	3250656	3200598	3199163	3216806	0.91	cps
Scandium	45-1	12844357	12735054	12319936	12633116	2.19	cps
Scandium	45-2	213977	211684	214449	213370	0.69	cps
Selenium	82-1	40	57	23	40	43.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	18	22	20	10.00	cps
Silicon	28-1	858047	871397	863407	864283	0.78	cps
Silver	107-1	650	350	267	422	47.75	cps
Silver	109-1	483	242	183	303	52.54	cps
Sodium	23-2	18788	17928	17694	18137	3.17	cps
Strontium	86-1	2509	1175	1133	1606	48.72	cps
Strontium	88-1	11664	1108	608	4460	139.98	cps
Sulfur	34-1	496752	480866	496278	491298	1.84	cps
Terbium	159-1	18537618	18081134	18065540	18228097	1.47	cps
Terbium	159-2	4009373	3916415	3837727	3921172	2.19	cps
Thallium	203-1	1125	1117	1092	1111	1.56	cps
Thallium	205-1	2292	2100	2342	2245	5.68	cps
Tin	118-1	3567	3167	3217	3317	6.57	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICB03	Instrumnet Name :	P8
Client Sample ID :	ICB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:40:13	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	700	450	500	550	24.05	cps
Uranium	238-1	717	108	125	317	109.43	cps
Vanadium	51-2	10	3	17	10	66.70	cps
Ytterbium	172-1	42	117	83	81	46.64	cps
Ytterbium	172-2	22	33	22	26	24.74	cps
Ytterbium	176-1	3175	3317	3050	3181	4.20	cps
Ytterbium	176-2	6391	6313	6079	6261	2.59	cps
Yttrium	89-1	25852112	25862062	26136316	25950164	0.62	cps
Yttrium	89-2	1272672	1276155	1327221	1292016	2.36	cps
Zinc	66-2	437	323	363	374	15.35	cps
Zirconium	90-1	1317	983	1267	1189	15.12	cps
Zirconium	91-1	242	217	150	203	23.37	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICSA03	Instrumnet Name :	P8
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:43:25	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6381529	6117312	6289646	6262829	2.14	cps
Antimony	121-1	9237	9570	10004	9604	4.01	cps
Arsenic	75-2	49	43	44	45	7.10	cps
Barium	135-1	3567	3167	3517	3417	6.38	cps
Barium	137-1	6002	5952	5893	5949	0.91	cps
Beryllium	9-1	1192	1221	1142	1185	3.36	cps
Bismuth	209-1	9689221	10640634	10274387	10201414	4.70	cps
Bismuth	209-2	2444431	2352515	2373971	2390306	2.01	cps
Boron	10-1	12933	11492	11568	11998	6.76	cps
Boron	11-1	55594	52307	50483	52794	4.91	cps
Bromine	81-1	103649	110909	111861	108806	4.13	cps
Cadmium	111-1	7444	7675	7497	7539	1.61	cps
Cadmium	106-1	9053	9428	8828	9103	3.33	cps
Cadmium	108-1	3021	2821	2779	2874	4.50	cps
Calcium	43-1	4032338	4078707	4112911	4074652	0.99	cps
Calcium	44-1	65538220	66298023	67098965	66311736	1.18	cps
Carbon	12-1	35758394	36207497	35514504	35826798	0.98	cps
Carbon	12-2	281426	276914	274954	277765	1.19	cps
Chlorine	35-1	16821931	20625705	24146619	20531418	17.84	cps
Chlorine	35-2	110312	116039	118281	114877	3.58	cps
Chromium	52-2	29931	30346	30118	30132	0.69	cps
Cobalt	59-2	3170	3234	3070	3158	2.61	cps
Copper	63-2	16980	16466	16550	16665	1.66	cps
Dysprosium	156-1	50	25	75	50	50.00	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	42	83	75	67	33.07	cps
Erbium	164-2	17	17	7	13	43.29	cps
Gadolinium	160-1	150	192	200	181	14.84	cps
Gadolinium	160-2	90	87	70	82	13.03	cps
Holmium	165-1	17626012	19120535	18404892	18383813	4.07	cps
Holmium	165-2	3701858	3679027	3710558	3697148	0.44	cps
Indium	115-1	14720229	15998700	15594024	15437651	4.23	cps
Indium	115-2	972595	971268	979650	974504	0.46	cps
Iron	54-2	7254332	7270436	7004085	7176284	2.08	cps
Iron	56-2	131198736	128459614	126589767	128749372	1.80	cps
Iron	57-2	3392119	3243434	3305333	3313629	2.25	cps

LB Number : LB121774 Operator : Jaswal
 Lab Sample ID : ICSA03 Instrumnet Name : P8
 Client Sample ID : ICSA03 Dilution Factor : 1
 Date & Time Acquired : 2022-08-26 17:43:25 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	686	661	731	693	5.12	cps
Lead	206-1	34864	35192	35916	35324	1.52	cps
Lead	207-1	26539	28120	28487	27715	3.74	cps
Lead	208-1	127533	134256	134895	132228	3.08	cps
Lithium	6-1	9517032	9542845	8902408	9320762	3.89	cps
Magnesium	24-2	16876679	16093087	16092811	16354192	2.77	cps
Manganese	55-2	6738	6695	6038	6490	6.05	cps
Molybdenum	94-1	5812090	5864374	5829789	5835418	0.46	cps
Molybdenum	95-1	10354350	10289859	10201879	10282029	0.74	cps
Molybdenum	96-1	10976737	10926939	10712058	10871911	1.29	cps
Molybdenum	97-1	6333538	6415231	6237183	6328651	1.41	cps
Molybdenum	98-1	16079921	16033739	16101038	16071566	0.21	cps
Neodymium	150-1	40	53	67	53	25.00	cps
Neodymium	150-2	13	0	17	10	88.20	cps
Nickel	60-2	4001	3877	3621	3833	5.06	cps
Phosphorus	31-2	342044	345023	344347	343805	0.45	cps
Potassium	39-2	9378589	9491106	9378447	9416047	0.69	cps
Rhodium	103-1	13628099	15211099	14072099	14303766	5.71	cps
Rhodium	103-2	2937443	2911242	2902123	2916936	0.63	cps
Scandium	45-1	12297859	13375318	12688123	12787100	4.27	cps
Scandium	45-2	212848	215476	215657	214661	0.73	cps
Selenium	82-1	116	147	65	110	38.00	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	26	22	31	26	17.12	cps
Silicon	28-1	1080488	1080382	1091726	1084199	0.60	cps
Silver	107-1	483	500	483	489	1.97	cps
Silver	109-1	375	392	358	375	4.44	cps
Sodium	23-2	31875239	31019966	31180006	31358404	1.45	cps
Strontium	86-1	126471	123184	124672	124776	1.32	cps
Strontium	88-1	1079523	1056337	1084917	1073593	1.41	cps
Sulfur	34-1	7013332	7125754	7130745	7089944	0.94	cps
Terbium	159-1	18849116	19506745	19402320	19252727	1.84	cps
Terbium	159-2	4069411	3936178	3949938	3985176	1.84	cps
Thallium	203-1	2534	2825	2834	2731	6.26	cps
Thallium	205-1	6060	6402	6560	6341	4.03	cps
Tin	118-1	3934	3934	3976	3948	0.61	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICSA03	Instrumnet Name :	P8
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:43:25	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3656980	3702749	3633141	3664290	0.97	cps
Uranium	238-1	417	475	525	472	11.48	cps
Vanadium	51-2	160	207	247	204	21.22	cps
Ytterbium	172-1	108	108	75	97	19.80	cps
Ytterbium	172-2	11	33	17	20	56.76	cps
Ytterbium	176-1	2825	3109	2692	2875	7.40	cps
Ytterbium	176-2	6001	6346	6502	6283	4.07	cps
Yttrium	89-1	25980216	27395137	27340285	26905213	2.98	cps
Yttrium	89-2	1277810	1270898	1273237	1273982	0.28	cps
Zinc	66-2	2864	2690	2857	2804	3.50	cps
Zirconium	90-1	1433	1442	1475	1450	1.52	cps
Zirconium	91-1	200	183	192	192	4.35	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICSAB03	Instrumnet Name :	P8
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:46:23	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6431935	6287373	6153557	6290955	2.21	cps
Antimony	121-1	172923	177158	178077	176052	1.56	cps
Arsenic	75-2	2469	2336	2304	2370	3.69	cps
Barium	135-1	50236	51114	50789	50713	0.88	cps
Barium	137-1	87291	88298	91025	88871	2.17	cps
Beryllium	9-1	79545	80061	79778	79794	0.32	cps
Bismuth	209-1	9999316	10699248	10281501	10326688	3.41	cps
Bismuth	209-2	2497255	2462662	2464269	2474729	0.79	cps
Boron	10-1	42852	44642	44374	43956	2.20	cps
Boron	11-1	189474	196020	199861	195118	2.69	cps
Bromine	81-1	109614	112331	110853	110932	1.23	cps
Cadmium	111-1	63421	64629	61435	63162	2.55	cps
Cadmium	106-1	17445	17737	16978	17386	2.20	cps
Cadmium	108-1	7377	7777	7369	7508	3.11	cps
Calcium	43-1	4185691	4100691	4106934	4131105	1.15	cps
Calcium	44-1	67943665	66050514	68297760	67430646	1.79	cps
Carbon	12-1	35460516	35955700	35921269	35779162	0.77	cps
Carbon	12-2	285661	272479	271493	276544	2.86	cps
Chlorine	35-1	27679564	31026967	33421277	30709269	9.39	cps
Chlorine	35-2	144954	143498	148120	145524	1.62	cps
Chromium	52-2	60367	60287	59312	59989	0.98	cps
Cobalt	59-2	57891	55391	56151	56477	2.27	cps
Copper	63-2	57744	56030	56328	56701	1.61	cps
Dysprosium	156-1	67	33	42	47	36.74	cps
Dysprosium	156-2	20	7	7	11	69.25	cps
Erbium	164-1	75	133	192	133	43.75	cps
Erbium	164-2	10	23	20	18	39.03	cps
Gadolinium	160-1	225	183	133	181	25.42	cps
Gadolinium	160-2	70	80	87	79	10.64	cps
Holmium	165-1	19050499	18865551	17908399	18608150	3.29	cps
Holmium	165-2	3807257	3793367	3721512	3774045	1.22	cps
Indium	115-1	15794121	16009411	15114408	15639313	2.99	cps
Indium	115-2	1023333	991920	970346	995200	2.68	cps
Iron	54-2	7317946	7324670	7037909	7226842	2.26	cps
Iron	56-2	134843403	128062306	129837981	130914563	2.69	cps
Iron	57-2	3399580	3240833	3303415	3314609	2.41	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICSAB03	Instrumnet Name :	P8
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:46:23	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	759	719	719	732	3.15	cps
Lead	206-1	173844	174242	172829	173638	0.42	cps
Lead	207-1	146859	148378	145336	146858	1.04	cps
Lead	208-1	669646	682207	672782	674879	0.97	cps
Lithium	6-1	9310690	9358976	9006721	9225462	2.07	cps
Magnesium	24-2	16818365	16724017	16279675	16607352	1.73	cps
Manganese	55-2	23877	23072	22354	23101	3.30	cps
Molybdenum	94-1	6344275	6673476	6591402	6536384	2.62	cps
Molybdenum	95-1	10595010	10785631	10580946	10653862	1.07	cps
Molybdenum	96-1	11595863	11760571	11535905	11630780	1.00	cps
Molybdenum	97-1	6565413	6831332	6608917	6668554	2.14	cps
Molybdenum	98-1	17027943	17305002	16689562	17007502	1.81	cps
Neodymium	150-1	47	33	53	44	22.92	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	18302	17915	17751	17989	1.57	cps
Phosphorus	31-2	349570	344516	337351	343812	1.79	cps
Potassium	39-2	9841754	9426255	9330483	9532831	2.85	cps
Rhodium	103-1	14597329	15291253	13890825	14593136	4.80	cps
Rhodium	103-2	2992770	2949993	2904625	2949129	1.49	cps
Scandium	45-1	12910221	12977111	12835922	12907752	0.55	cps
Scandium	45-2	223312	218193	218920	220142	1.26	cps
Selenium	82-1	4906	4949	4798	4884	1.59	cps
Selenium	77-2	100	80	43	74	38.61	cps
Selenium	78-2	259	253	255	256	1.19	cps
Silicon	28-1	1569591	1593347	1549539	1570826	1.40	cps
Silver	107-1	261330	265562	265292	264061	0.90	cps
Silver	109-1	261261	259049	253691	258000	1.51	cps
Sodium	23-2	32472937	32176360	31685291	32111530	1.24	cps
Strontium	86-1	329531	337702	332934	333389	1.23	cps
Strontium	88-1	2807737	2918310	2839456	2855168	1.99	cps
Sulfur	34-1	7263681	7133913	7032451	7143348	1.62	cps
Terbium	159-1	19167903	19132273	18657221	18985799	1.50	cps
Terbium	159-2	3998808	4016308	3985906	4000340	0.38	cps
Thallium	203-1	174713	177087	180608	177469	1.67	cps
Thallium	205-1	421323	420727	422172	421407	0.17	cps
Tin	118-1	459071	452499	470549	460706	1.98	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	ICSAB03	Instrumnet Name :	P8
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 17:46:23	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3785707	3876323	3824753	3828928	1.19	cps
Uranium	238-1	1442971	1524249	1460817	1476012	2.89	cps
Vanadium	51-2	24748	23443	23790	23994	2.82	cps
Ytterbium	172-1	117	108	150	125	17.64	cps
Ytterbium	172-2	17	33	28	26	32.72	cps
Ytterbium	176-1	4051	3817	3826	3898	3.40	cps
Ytterbium	176-2	6485	6618	6896	6667	3.15	cps
Yttrium	89-1	26443578	27620247	26100674	26721500	2.98	cps
Yttrium	89-2	1303168	1298461	1269550	1290393	1.41	cps
Zinc	66-2	7569	7619	7445	7544	1.18	cps
Zirconium	90-1	1013673	1027843	1018927	1020148	0.70	cps
Zirconium	91-1	225558	228795	227205	227186	0.71	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:01:45	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3338151	3221213	3251325	3270229	1.86	cps
Antimony	121-1	3893928	3921335	3936788	3917350	0.55	cps
Arsenic	75-2	56090	55515	55232	55612	0.79	cps
Barium	135-1	5981657	5888420	5894581	5921553	0.88	cps
Barium	137-1	9712251	9830490	9970648	9837797	1.31	cps
Beryllium	9-1	1846402	1874482	1902411	1874432	1.49	cps
Bismuth	209-1	9527880	9639871	9158331	9442027	2.67	cps
Bismuth	209-2	2285514	2333857	2336895	2318755	1.24	cps
Boron	10-1	294585	329632	327884	317367	6.22	cps
Boron	11-1	1324836	1359033	1302871	1328913	2.13	cps
Bromine	81-1	101845	102048	98257	100717	2.12	cps
Cadmium	111-1	1326735	1305664	1296765	1309722	1.18	cps
Cadmium	106-1	159856	157199	158656	158571	0.84	cps
Cadmium	108-1	103103	101958	107248	104103	2.67	cps
Calcium	43-1	9710710	10517629	10198521	10142287	4.01	cps
Calcium	44-1	161060863	165574698	158687954	161774505	2.16	cps
Carbon	12-1	6383001	6593776	6398391	6458390	1.82	cps
Carbon	12-2	56677	55890	56309	56292	0.70	cps
Chlorine	35-1	1409892	1423202	1403401	1412165	0.71	cps
Chlorine	35-2	5243	5301	5151	5232	1.45	cps
Chromium	52-2	775371	751671	743925	756989	2.16	cps
Cobalt	59-2	1464261	1355385	1331241	1383629	5.12	cps
Copper	63-2	10443118	10399280	10538997	10460465	0.68	cps
Dysprosium	156-1	783	625	717	708	11.22	cps
Dysprosium	156-2	113	80	147	113	29.41	cps
Erbium	164-1	142	100	150	131	20.52	cps
Erbium	164-2	27	27	27	27	0.00	cps
Gadolinium	160-1	533	617	508	553	10.26	cps
Gadolinium	160-2	167	177	167	170	3.40	cps
Holmium	165-1	18053083	17391069	16897760	17447304	3.32	cps
Holmium	165-2	3779420	3747908	3746024	3757784	0.50	cps
Indium	115-1	15442758	15045678	14074310	14854249	4.74	cps
Indium	115-2	965481	967795	965463	966246	0.14	cps
Iron	54-2	9507132	9145424	8864811	9172456	3.51	cps
Iron	56-2	165583798	162143043	162107187	163278009	1.22	cps
Iron	57-2	4344762	4128781	4076684	4183409	3.40	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:01:45	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	736	754	740	743	1.24	cps
Lead	206-1	16983346	17084710	17239250	17102435	0.75	cps
Lead	207-1	14965963	15159792	15666459	15264071	2.37	cps
Lead	208-1	69160530	68644498	69885510	69230179	0.90	cps
Lithium	6-1	8724663	9011855	8838263	8858260	1.63	cps
Magnesium	24-2	43843934	42374927	42040886	42753249	2.24	cps
Manganese	55-2	4447730	4364834	4297136	4369900	1.73	cps
Molybdenum	94-1	18011276	17656508	18218642	17962142	1.58	cps
Molybdenum	95-1	25618664	26013744	26223230	25951879	1.18	cps
Molybdenum	96-1	27859843	28214093	28655437	28243125	1.41	cps
Molybdenum	97-1	15796967	15802937	16009619	15869841	0.76	cps
Molybdenum	98-1	39877284	40289315	40742687	40303096	1.07	cps
Neodymium	150-1	487	613	547	549	11.54	cps
Neodymium	150-2	13	7	40	20	88.19	cps
Nickel	60-2	389728	390173	385748	388550	0.63	cps
Phosphorus	31-2	41527	41694	41268	41496	0.52	cps
Potassium	39-2	12468424	12280016	12414514	12387651	0.78	cps
Rhodium	103-1	14263881	13585310	13041218	13630136	4.49	cps
Rhodium	103-2	2862794	2911399	2893686	2889293	0.85	cps
Scandium	45-1	12978065	12754858	11903470	12545464	4.52	cps
Scandium	45-2	217526	215915	218297	217246	0.56	cps
Selenium	82-1	117357	117478	116296	117044	0.56	cps
Selenium	77-2	1867	1973	1547	1796	12.37	cps
Selenium	78-2	6310	5946	5989	6082	3.27	cps
Silicon	28-1	5435124	5448705	5408441	5430757	0.38	cps
Silver	107-1	6821289	6545694	6722158	6696380	2.08	cps
Silver	109-1	6643990	6464247	6431215	6513151	1.76	cps
Sodium	23-2	82789089	80586718	80783866	81386558	1.50	cps
Strontium	86-1	45214919	44806082	43211136	44410712	2.38	cps
Strontium	88-1	376285475	390568567	384747600	383867214	1.87	cps
Sulfur	34-1	1169158	1183350	1138587	1163698	1.97	cps
Terbium	159-1	19339871	18132739	17806735	18426448	4.38	cps
Terbium	159-2	3936106	3917930	4004045	3952693	1.15	cps
Thallium	203-1	4177972	4167385	4061992	4135783	1.55	cps
Thallium	205-1	9609049	9414756	9704481	9576095	1.54	cps
Tin	118-1	4196469	4151673	4100601	4149581	1.16	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:01:45	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8856689	8696657	9018852	8857400	1.82	cps
Uranium	238-1	13084781	13682847	13590995	13452874	2.39	cps
Vanadium	51-2	611942	597542	602022	603836	1.22	cps
Ytterbium	172-1	208	125	117	150	33.79	cps
Ytterbium	172-2	44	28	44	39	24.75	cps
Ytterbium	176-1	13132	13090	12406	12876	3.16	cps
Ytterbium	176-2	8553	9220	8714	8829	3.94	cps
Yttrium	89-1	26312331	25776144	24771229	25619901	3.05	cps
Yttrium	89-2	1293568	1274947	1335672	1301396	2.39	cps
Zinc	66-2	1247976	1220119	1218165	1228753	1.36	cps
Zirconium	90-1	9152961	9323419	9224673	9233684	0.93	cps
Zirconium	91-1	2073939	2129279	2099956	2101058	1.32	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:12:05	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72	74	87	78	10.68	cps
Antimony	121-1	483	558	767	603	24.35	cps
Arsenic	75-2	5	3	5	4	26.65	cps
Barium	135-1	50	17	17	28	69.27	cps
Barium	137-1	92	83	92	89	5.41	cps
Beryllium	9-1	96	95	109	100	7.60	cps
Bismuth	209-1	11114355	11236763	11283084	11211401	0.78	cps
Bismuth	209-2	2789220	2705038	2443364	2645874	6.82	cps
Boron	10-1	11626	11334	10296	11085	6.31	cps
Boron	11-1	50641	49618	47504	49254	3.25	cps
Bromine	81-1	106273	107706	105180	106387	1.19	cps
Cadmium	111-1	6394	6241	5949	6195	3.65	cps
Cadmium	106-1	9112	8920	8428	8820	4.00	cps
Cadmium	108-1	54	58	42	51	16.87	cps
Calcium	43-1	311	265	285	287	8.08	cps
Calcium	44-1	17717	17406	17540	17554	0.89	cps
Carbon	12-1	6556180	6440486	6442910	6479859	1.02	cps
Carbon	12-2	52302	52528	50688	51839	1.94	cps
Chlorine	35-1	779940	775433	767721	774365	0.80	cps
Chlorine	35-2	2775	2667	2817	2753	2.81	cps
Chromium	52-2	457	467	460	461	1.10	cps
Cobalt	59-2	73	30	27	43	60.07	cps
Copper	63-2	1423	1523	1407	1451	4.35	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	133	75	83	55.68	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	75	158	125	119	35.12	cps
Gadolinium	160-2	110	83	87	93	15.57	cps
Holmium	165-1	18257385	18008985	17982541	18082970	0.84	cps
Holmium	165-2	3816419	3744121	3260054	3606865	8.39	cps
Indium	115-1	16043227	16321509	16197803	16187513	0.86	cps
Indium	115-2	1043289	1076158	951536	1023661	6.31	cps
Iron	54-2	489	533	517	513	4.38	cps
Iron	56-2	3061	2717	2845	2874	6.06	cps
Iron	57-2	139	83	89	104	29.51	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:12:05	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	714	739	636	696	7.68	cps
Lead	206-1	1411	1239	1306	1319	6.59	cps
Lead	207-1	1233	1011	1111	1119	9.95	cps
Lead	208-1	5301	4884	5156	5113	4.14	cps
Lithium	6-1	9253024	9100873	9321854	9225250	1.23	cps
Magnesium	24-2	250	275	283	269	6.44	cps
Manganese	55-2	40	20	53	38	44.41	cps
Molybdenum	94-1	967	992	875	945	6.50	cps
Molybdenum	95-1	1417	1283	1067	1256	14.07	cps
Molybdenum	96-1	1550	1458	1408	1472	4.88	cps
Molybdenum	97-1	758	683	550	664	15.89	cps
Molybdenum	98-1	2100	1633	1642	1792	14.91	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	23	30	60	38	51.71	cps
Phosphorus	31-2	7277	6777	7260	7105	4.00	cps
Potassium	39-2	9478	9320	9111	9303	1.98	cps
Rhodium	103-1	15904373	15653919	15620030	15726107	0.99	cps
Rhodium	103-2	3246683	3376203	2943079	3188655	6.97	cps
Scandium	45-1	13142496	12941533	12989546	13024525	0.81	cps
Scandium	45-2	227062	223686	202214	217654	6.19	cps
Selenium	82-1	34	-40	131	42	206.16	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	31	31	37	33	10.50	cps
Silicon	28-1	859589	839751	841569	846970	1.29	cps
Silver	107-1	642	542	500	561	12.98	cps
Silver	109-1	417	483	367	422	13.86	cps
Sodium	23-2	23795	23269	23603	23556	1.13	cps
Strontium	86-1	1392	1358	1433	1395	2.70	cps
Strontium	88-1	917	842	842	867	5.00	cps
Sulfur	34-1	485987	496715	500109	494270	1.49	cps
Terbium	159-1	19221086	19090423	18984766	19098758	0.62	cps
Terbium	159-2	4004811	4023407	3630625	3886281	5.70	cps
Thallium	203-1	1667	1550	1533	1583	4.59	cps
Thallium	205-1	4142	3909	4001	4017	2.93	cps
Tin	118-1	4785	5978	4476	5079	15.62	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:12:05	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	583	500	517	533	8.27	cps
Uranium	238-1	42	42	8	31	62.99	cps
Vanadium	51-2	0	10	3	4	114.60	cps
Ytterbium	172-1	92	108	92	97	9.90	cps
Ytterbium	172-2	33	22	17	24	35.24	cps
Ytterbium	176-1	2975	3050	2959	2995	1.63	cps
Ytterbium	176-2	6574	6635	6196	6468	3.68	cps
Yttrium	89-1	27312049	26622275	27866114	27266813	2.29	cps
Yttrium	89-2	1342833	1395737	1203335	1313968	7.56	cps
Zinc	66-2	170	207	147	174	17.34	cps
Zirconium	90-1	975	975	1058	1003	4.80	cps
Zirconium	91-1	200	192	175	189	6.74	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:15:15	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1380	1314	1330	1341	2.57	cps
Antimony	121-1	15918	16611	16827	16452	2.89	cps
Arsenic	75-2	104	137	126	122	13.73	cps
Barium	135-1	22478	22745	23604	22942	2.57	cps
Barium	137-1	38865	39066	38364	38765	0.93	cps
Beryllium	9-1	4430	4498	4519	4482	1.03	cps
Bismuth	209-1	11069110	11239559	11378677	11229115	1.38	cps
Bismuth	209-2	2769706	2731653	2799171	2766843	1.22	cps
Boron	10-1	23544	24049	24123	23906	1.32	cps
Boron	11-1	101978	106204	109723	105968	3.66	cps
Bromine	81-1	104876	105831	108462	106390	1.75	cps
Cadmium	111-1	9976	9663	9692	9777	1.77	cps
Cadmium	106-1	10329	9712	9979	10007	3.09	cps
Cadmium	108-1	304	271	300	292	6.23	cps
Calcium	43-1	20893	20960	20192	20681	2.06	cps
Calcium	44-1	343394	346552	343015	344320	0.56	cps
Carbon	12-1	6429692	6286349	6392738	6369593	1.17	cps
Carbon	12-2	50286	50487	51583	50785	1.37	cps
Chlorine	35-1	699043	686339	686957	690780	1.04	cps
Chlorine	35-2	2817	2750	2559	2709	4.95	cps
Chromium	52-2	3711	3560	3684	3652	2.19	cps
Cobalt	59-2	2994	2904	2827	2908	2.87	cps
Copper	63-2	5835	6041	5721	5866	2.77	cps
Dysprosium	156-1	0	42	8	17	132.30	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	33	83	58	42.87	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	158	108	100	122	25.81	cps
Gadolinium	160-2	83	57	80	73	19.81	cps
Holmium	165-1	18297051	18321398	18310889	18309779	0.07	cps
Holmium	165-2	3882917	3859162	3834447	3858842	0.63	cps
Indium	115-1	16332771	15886772	16231868	16150470	1.45	cps
Indium	115-2	1075092	1080632	1112539	1089421	1.86	cps
Iron	54-2	4440	4312	4301	4351	1.77	cps
Iron	56-2	70094	69988	67471	69184	2.15	cps
Iron	57-2	1889	1633	1833	1785	7.53	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:15:15	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	727	775	687	730	6.00	cps
Lead	206-1	7847	7714	7869	7810	1.08	cps
Lead	207-1	7386	7102	7096	7195	2.30	cps
Lead	208-1	32255	32572	32044	32290	0.82	cps
Lithium	6-1	9378737	9350931	9466440	9398703	0.64	cps
Magnesium	24-2	89500	89878	84506	87961	3.41	cps
Manganese	55-2	933	980	973	962	2.62	cps
Molybdenum	94-1	23037	22661	22619	22772	1.01	cps
Molybdenum	95-1	27996	27286	28455	27912	2.11	cps
Molybdenum	96-1	31294	31595	30651	31180	1.55	cps
Molybdenum	97-1	17103	17361	16952	17139	1.21	cps
Molybdenum	98-1	43386	43134	43954	43491	0.97	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	700	873	667	747	14.86	cps
Phosphorus	31-2	7585	7094	6768	7149	5.75	cps
Potassium	39-2	57775	59089	57189	58018	1.68	cps
Rhodium	103-1	16091842	16064970	15593328	15916713	1.76	cps
Rhodium	103-2	3266408	3309185	3369920	3315171	1.57	cps
Scandium	45-1	13198677	12962543	13192474	13117898	1.03	cps
Scandium	45-2	223848	228323	231412	227861	1.67	cps
Selenium	82-1	1240	1224	1294	1252	2.93	cps
Selenium	77-2	13	13	17	14	13.35	cps
Selenium	78-2	83	91	104	93	11.44	cps
Silicon	28-1	933099	917308	914992	921800	1.07	cps
Silver	107-1	15568	15134	14758	15153	2.67	cps
Silver	109-1	15092	14942	14975	15003	0.53	cps
Sodium	23-2	186898	182677	179220	182932	2.10	cps
Strontium	86-1	4826	5109	4718	4884	4.14	cps
Strontium	88-1	32012	31762	32012	31929	0.45	cps
Sulfur	34-1	492263	492371	493518	492717	0.14	cps
Terbium	159-1	19549229	18986923	18920196	19152116	1.80	cps
Terbium	159-2	4082057	3951124	4164559	4065914	2.65	cps
Thallium	203-1	10238	9687	9837	9921	2.87	cps
Thallium	205-1	23981	23238	23054	23425	2.10	cps
Tin	118-1	48337	47082	47015	47478	1.57	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:15:15	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9370	9011	9704	9362	3.70	cps
Uranium	238-1	25142	25902	25852	25632	1.66	cps
Vanadium	51-2	6251	5885	5838	5991	3.78	cps
Ytterbium	172-1	125	75	92	97	26.19	cps
Ytterbium	172-2	11	22	11	15	43.30	cps
Ytterbium	176-1	3009	2884	3075	2989	3.26	cps
Ytterbium	176-2	6402	6819	6830	6683	3.65	cps
Yttrium	89-1	27315385	27905471	27094601	27438486	1.53	cps
Yttrium	89-2	1385238	1393866	1418283	1399129	1.23	cps
Zinc	66-2	757	717	730	734	2.77	cps
Zirconium	90-1	19180	19589	18771	19180	2.13	cps
Zirconium	91-1	4392	4309	4159	4287	2.76	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4262-07	Instrumnet Name :	P8
Client Sample ID :	MW-107(42.5FT)	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:18:46	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8802	9097	8451	8783	3.68	cps
Antimony	121-1	1750	1809	1608	1722	5.97	cps
Arsenic	75-2	110	107	95	104	7.63	cps
Barium	135-1	212216	215945	215547	214569	0.95	cps
Barium	137-1	365573	371075	366692	367780	0.79	cps
Beryllium	9-1	115	132	122	123	7.12	cps
Bismuth	209-1	10852125	10358135	10529756	10580006	2.37	cps
Bismuth	209-2	2656918	2641161	2612488	2636855	0.85	cps
Boron	10-1	275453	281334	301174	285987	4.71	cps
Boron	11-1	1182227	1209770	1293288	1228429	4.71	cps
Bromine	81-1	273715	304470	316607	298264	7.41	cps
Cadmium	111-1	7090	6628	6602	6773	4.05	cps
Cadmium	106-1	9804	9162	9153	9373	3.98	cps
Cadmium	108-1	63	63	50	58	12.37	cps
Calcium	43-1	4168456	4051919	4227996	4149457	2.16	cps
Calcium	44-1	67171011	66369699	66650834	66730515	0.61	cps
Carbon	12-1	9291835	10201410	10978860	10157369	8.31	cps
Carbon	12-2	96618	96122	94185	95642	1.34	cps
Chlorine	35-1	3725709	4259465	4686603	4223926	11.40	cps
Chlorine	35-2	21700	22234	23853	22596	4.96	cps
Chromium	52-2	5581	5561	5745	5629	1.79	cps
Cobalt	59-2	870	973	970	938	6.26	cps
Copper	63-2	10334	10204	10064	10200	1.32	cps
Dysprosium	156-1	683	667	583	644	8.31	cps
Dysprosium	156-2	107	123	93	108	13.95	cps
Erbium	164-1	608	633	633	625	2.31	cps
Erbium	164-2	103	103	93	100	5.77	cps
Gadolinium	160-1	675	992	575	747	29.11	cps
Gadolinium	160-2	203	177	177	186	8.30	cps
Holmium	165-1	18432602	17963801	18334204	18243536	1.36	cps
Holmium	165-2	3854618	3955252	3755075	3854982	2.60	cps
Indium	115-1	16050940	16196284	15417347	15888191	2.61	cps
Indium	115-2	1067182	1050638	1060867	1059562	0.79	cps
Iron	54-2	23976	22891	24143	23670	2.87	cps
Iron	56-2	421281	404796	408291	411456	2.11	cps
Iron	57-2	13863	14152	13957	13990	1.05	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4262-07	Instrumnet Name :	P8
Client Sample ID :	MW-107(42.5FT)	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:18:46	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	744	725	744	737	1.47	cps
Lead	206-1	32046	31143	32758	31982	2.53	cps
Lead	207-1	25737	25643	27062	26147	3.04	cps
Lead	208-1	122332	120487	124638	122486	1.70	cps
Lithium	6-1	9481590	9306861	9520496	9436316	1.21	cps
Magnesium	24-2	5322893	5369885	5199212	5297330	1.66	cps
Manganese	55-2	51764	50620	50171	50852	1.61	cps
Molybdenum	94-1	1742	1642	1733	1706	3.25	cps
Molybdenum	95-1	2359	2250	2209	2272	3.41	cps
Molybdenum	96-1	2884	2667	2925	2825	4.91	cps
Molybdenum	97-1	1358	1192	1258	1270	6.61	cps
Molybdenum	98-1	3734	3459	3159	3451	8.34	cps
Neodymium	150-1	807	940	853	867	7.81	cps
Neodymium	150-2	123	123	107	118	8.17	cps
Nickel	60-2	1363	1577	1397	1446	7.94	cps
Phosphorus	31-2	7352	7144	6777	7091	4.11	cps
Potassium	39-2	407066	407679	411854	408866	0.64	cps
Rhodium	103-1	15224570	15054697	15023631	15100966	0.72	cps
Rhodium	103-2	3209122	3181747	3203416	3198095	0.45	cps
Scandium	45-1	13160292	13512114	12596967	13089791	3.53	cps
Scandium	45-2	223442	227659	228689	226597	1.23	cps
Selenium	82-1	532	590	661	595	10.85	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	53	50	46	50	7.08	cps
Silicon	28-1	130182186	128844195	130410486	129812289	0.65	cps
Silver	107-1	383	392	275	350	18.60	cps
Silver	109-1	342	283	267	297	13.25	cps
Sodium	23-2	36003279	36015427	35234474	35751060	1.25	cps
Strontium	86-1	879120	878577	886276	881324	0.49	cps
Strontium	88-1	7751159	7557754	7597411	7635441	1.34	cps
Sulfur	34-1	2383332	2348415	2386490	2372746	0.89	cps
Terbium	159-1	19704207	18734701	18542261	18993723	3.28	cps
Terbium	159-2	4123409	4089339	4067824	4093524	0.68	cps
Thallium	203-1	1550	1442	1375	1456	6.07	cps
Thallium	205-1	3859	3542	3292	3564	7.97	cps
Tin	118-1	3659	3576	3567	3601	1.41	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4262-07	Instrumnet Name :	P8
Client Sample ID :	MW-107(42.5FT)	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:18:46	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12606	12489	12264	12453	1.40	cps
Uranium	238-1	75039	75241	75786	75355	0.51	cps
Vanadium	51-2	1657	1597	1413	1556	8.15	cps
Ytterbium	172-1	308	175	283	256	27.73	cps
Ytterbium	172-2	28	78	56	54	46.64	cps
Ytterbium	176-1	3384	3434	2992	3270	7.40	cps
Ytterbium	176-2	6507	6991	7108	6869	4.63	cps
Yttrium	89-1	27620115	26766598	26481422	26956045	2.20	cps
Yttrium	89-2	1415700	1375660	1380016	1390459	1.58	cps
Zinc	66-2	6922	6475	6832	6743	3.50	cps
Zirconium	90-1	1792	2167	1950	1970	9.56	cps
Zirconium	91-1	383	325	442	383	15.22	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	PB147116BL	Instrumnet Name :	P8
Client Sample ID :	PB147116BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:21:50	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82	80	72	78	6.64	cps
Antimony	121-1	617	150	183	317	82.22	cps
Arsenic	75-2	2	4	3	3	33.33	cps
Barium	135-1	1067	17	25	370	163.45	cps
Barium	137-1	1518	42	67	542	155.91	cps
Beryllium	9-1	326	84	79	163	86.84	cps
Bismuth	209-1	11014854	11217160	10985732	11072582	1.14	cps
Bismuth	209-2	2766631	2844590	2875004	2828742	1.98	cps
Boron	10-1	29422	27731	25123	27425	7.90	cps
Boron	11-1	140200	123518	114918	126212	10.19	cps
Bromine	81-1	141211	136615	128652	135493	4.69	cps
Cadmium	111-1	7191	6946	6618	6918	4.15	cps
Cadmium	106-1	9812	9920	9454	9729	2.51	cps
Cadmium	108-1	46	46	58	50	14.43	cps
Calcium	43-1	1864	346	324	844	104.51	cps
Calcium	44-1	42891	18824	17617	26444	53.91	cps
Carbon	12-1	6944478	6996683	6977088	6972750	0.38	cps
Carbon	12-2	53382	53632	52536	53183	1.08	cps
Chlorine	35-1	1975238	1867697	1835527	1892821	3.87	cps
Chlorine	35-2	6568	6618	6368	6518	2.03	cps
Chromium	52-2	533	480	503	506	5.29	cps
Cobalt	59-2	43	40	30	38	18.36	cps
Copper	63-2	1300	1363	1277	1313	3.42	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	58	67	58	14.29	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	167	117	117	133	21.65	cps
Gadolinium	160-2	70	97	103	90	19.60	cps
Holmium	165-1	17838345	18074101	17741358	17884601	0.96	cps
Holmium	165-2	3952980	3819171	4004349	3925500	2.44	cps
Indium	115-1	16481562	16808927	15697992	16329494	3.50	cps
Indium	115-2	1083135	1097059	1090957	1090384	0.64	cps
Iron	54-2	589	517	494	533	9.26	cps
Iron	56-2	2761	2573	2478	2604	5.54	cps
Iron	57-2	83	72	56	70	19.86	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	PB147116BL	Instrumnet Name :	P8
Client Sample ID :	PB147116BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:21:50	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	711	701	666	693	3.41	cps
Lead	206-1	2696	1150	1156	1667	53.44	cps
Lead	207-1	3013	945	956	1638	72.73	cps
Lead	208-1	11728	4623	4411	6921	60.17	cps
Lithium	6-1	9617308	9650695	9646303	9638102	0.19	cps
Magnesium	24-2	233	217	158	203	19.42	cps
Manganese	55-2	133	120	153	136	12.38	cps
Molybdenum	94-1	4929	483	467	1960	131.22	cps
Molybdenum	95-1	6882	492	417	2597	142.92	cps
Molybdenum	96-1	7956	700	692	3116	134.52	cps
Molybdenum	97-1	4267	242	283	1597	144.75	cps
Molybdenum	98-1	10056	792	758	3869	138.51	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	40	27	29	35.25	cps
Phosphorus	31-2	6577	7035	6360	6657	5.18	cps
Potassium	39-2	8553	8845	8586	8661	1.84	cps
Rhodium	103-1	15642844	15908053	15511960	15687619	1.29	cps
Rhodium	103-2	3325393	3379984	3372178	3359185	0.88	cps
Scandium	45-1	12696276	13164938	12376384	12745866	3.11	cps
Scandium	45-2	229884	228712	229692	229429	0.27	cps
Selenium	82-1	60	43	55	52	17.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	31	24	32	26.70	cps
Silicon	28-1	882039	848703	858447	863063	1.99	cps
Silver	107-1	458	258	292	336	31.88	cps
Silver	109-1	325	83	175	194	62.74	cps
Sodium	23-2	22409	22543	21809	22254	1.76	cps
Strontium	86-1	12418	1208	1083	4903	132.73	cps
Strontium	88-1	94496	717	400	31871	170.17	cps
Sulfur	34-1	480973	484112	482335	482473	0.33	cps
Terbium	159-1	19332908	19310062	18530003	19057658	2.40	cps
Terbium	159-2	4251623	4197388	4071984	4173665	2.21	cps
Thallium	203-1	1834	1217	1267	1439	23.81	cps
Thallium	205-1	3776	2759	3134	3223	15.97	cps
Tin	118-1	4626	3567	3642	3945	14.98	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	PB147116BL	Instrumnet Name :	P8
Client Sample ID :	PB147116BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:21:50	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1918	450	542	970	84.79	cps
Uranium	238-1	1326	8	33	456	165.31	cps
Vanadium	51-2	10	3	10	8	49.52	cps
Ytterbium	172-1	133	75	125	111	28.40	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	2959	3125	2867	2984	4.39	cps
Ytterbium	176-2	6824	7063	6880	6922	1.81	cps
Yttrium	89-1	27523340	26911728	26448002	26961023	2.00	cps
Yttrium	89-2	1400277	1383101	1414375	1399251	1.12	cps
Zinc	66-2	160	193	160	171	11.25	cps
Zirconium	90-1	2853	983	1025	1620	65.87	cps
Zirconium	91-1	525	150	158	278	77.10	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	PB147116BS	Instrumnet Name :	P8
Client Sample ID :	PB147116BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:25:01	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	686228	662171	658411	668937	2.26	cps
Antimony	121-1	4273613	4258615	4340187	4290805	1.01	cps
Arsenic	75-2	65235	63203	63007	63815	1.93	cps
Barium	135-1	5743558	6219544	6141490	6034864	4.23	cps
Barium	137-1	10129507	10421964	10322338	10291270	1.44	cps
Beryllium	9-1	2061400	2089979	2082309	2077896	0.71	cps
Bismuth	209-1	10582605	10482087	10953836	10672843	2.33	cps
Bismuth	209-2	2712749	2624768	2608458	2648658	2.12	cps
Boron	10-1	313613	323250	334891	323918	3.29	cps
Boron	11-1	1321202	1354217	1408254	1361224	3.23	cps
Bromine	81-1	110837	112203	109695	110911	1.13	cps
Cadmium	111-1	1412309	1444715	1451940	1436321	1.47	cps
Cadmium	106-1	168803	172837	173900	171847	1.56	cps
Cadmium	108-1	112202	111862	113504	112523	0.77	cps
Calcium	43-1	2563904	2597033	2708668	2623202	2.89	cps
Calcium	44-1	38252245	38395608	40842525	39163459	3.72	cps
Carbon	12-1	6840164	6833990	7079222	6917792	2.02	cps
Carbon	12-2	55849	57028	57128	56668	1.26	cps
Chlorine	35-1	1283085	1234266	1262114	1259822	1.94	cps
Chlorine	35-2	4618	4267	3984	4290	7.40	cps
Chromium	52-2	825143	811465	777665	804758	3.04	cps
Cobalt	59-2	1535701	1535901	1471980	1514527	2.43	cps
Copper	63-2	11570184	11420320	11328994	11439833	1.06	cps
Dysprosium	156-1	250	383	283	306	22.71	cps
Dysprosium	156-2	47	37	57	47	21.43	cps
Erbium	164-1	142	58	92	97	43.14	cps
Erbium	164-2	20	20	10	17	34.64	cps
Gadolinium	160-1	275	292	142	236	34.82	cps
Gadolinium	160-2	140	103	97	113	20.59	cps
Holmium	165-1	17794608	17790846	18542033	18042496	2.40	cps
Holmium	165-2	3758511	3675074	3810988	3748191	1.83	cps
Indium	115-1	15352126	15294323	16253279	15633242	3.44	cps
Indium	115-2	1038646	983514	1031051	1017737	2.94	cps
Iron	54-2	2126759	2073419	2072186	2090788	1.49	cps
Iron	56-2	36670947	36883216	35718876	36424346	1.70	cps
Iron	57-2	878788	868312	856789	867963	1.27	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	PB147116BS	Instrumnet Name :	P8
Client Sample ID :	PB147116BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:25:01	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	712	671	694	692	2.98	cps
Lead	206-1	18736883	18973671	18604797	18771784	1.00	cps
Lead	207-1	16552825	16945807	16440438	16646357	1.59	cps
Lead	208-1	75497365	76731632	75643374	75957457	0.89	cps
Lithium	6-1	9020734	8874404	9613573	9169570	4.27	cps
Magnesium	24-2	9420939	9223695	8981442	9208692	2.39	cps
Manganese	55-2	4722518	4741934	4800358	4754937	0.85	cps
Molybdenum	94-1	18638374	19524165	18800800	18987780	2.48	cps
Molybdenum	95-1	27318655	27704343	27153005	27392001	1.03	cps
Molybdenum	96-1	30081125	30302501	29758480	30047368	0.91	cps
Molybdenum	97-1	17121266	17098058	16604793	16941372	1.72	cps
Molybdenum	98-1	44543840	43039215	42535013	43372689	2.41	cps
Neodymium	150-1	600	593	560	584	3.67	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	400427	397638	376714	391593	3.31	cps
Phosphorus	31-2	45539	44101	43608	44416	2.26	cps
Potassium	39-2	2711586	2650964	2611160	2657903	1.90	cps
Rhodium	103-1	14881160	15149980	15257398	15096179	1.28	cps
Rhodium	103-2	3110178	3022472	3195715	3109455	2.79	cps
Scandium	45-1	12798996	12620601	13879431	13099676	5.20	cps
Scandium	45-2	219138	210943	222457	217512	2.72	cps
Selenium	82-1	126141	124530	124682	125118	0.71	cps
Selenium	77-2	2144	1827	1877	1949	8.74	cps
Selenium	78-2	6534	6841	6572	6649	2.52	cps
Silicon	28-1	5718846	5748585	5842303	5769911	1.12	cps
Silver	107-1	7119602	7386539	7488875	7331672	2.60	cps
Silver	109-1	6961135	6961296	7086773	7003068	1.04	cps
Sodium	23-2	17707409	17491605	16318308	17172440	4.35	cps
Strontium	86-1	46155786	47721308	46089643	46655579	1.98	cps
Strontium	88-1	405468901	407432159	407976992	406959351	0.32	cps
Sulfur	34-1	1251424	1220950	1206251	1226209	1.88	cps
Terbium	159-1	18688880	18567736	19301775	18852797	2.09	cps
Terbium	159-2	4133993	3850848	4017184	4000675	3.56	cps
Thallium	203-1	4438325	4512360	4447469	4466052	0.90	cps
Thallium	205-1	10469351	10826937	10392389	10562893	2.20	cps
Tin	118-1	4355696	4432670	4386737	4391701	0.88	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	PB147116BS	Instrumnet Name :	P8
Client Sample ID :	PB147116BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:25:01	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9335191	9153766	9737457	9408804	3.17	cps
Uranium	238-1	14014523	13994974	14471612	14160369	1.90	cps
Vanadium	51-2	651754	634745	620175	635558	2.49	cps
Ytterbium	172-1	133	100	133	122	15.75	cps
Ytterbium	172-2	33	11	28	24	48.04	cps
Ytterbium	176-1	13324	13574	13090	13329	1.82	cps
Ytterbium	176-2	8809	9103	8892	8935	1.70	cps
Yttrium	89-1	26005429	26238682	27084765	26442959	2.15	cps
Yttrium	89-2	1367532	1251455	1365201	1328063	5.00	cps
Zinc	66-2	1372311	1351754	1346861	1356975	1.00	cps
Zirconium	90-1	9634088	9588001	9775279	9665789	1.01	cps
Zirconium	91-1	2184595	2152817	2192886	2176766	0.97	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01	Instrumnet Name :	P8
Client Sample ID :	MW-106D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:27:58	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1401	1344	1430	1392	3.16	cps
Antimony	121-1	4242	3325	3884	3817	12.11	cps
Arsenic	75-2	1204	1180	1253	1213	3.07	cps
Barium	135-1	105470	106191	103168	104943	1.50	cps
Barium	137-1	182751	185431	177650	181944	2.17	cps
Beryllium	9-1	740	177	164	360	91.24	cps
Bismuth	209-1	8652145	8423063	8512890	8529366	1.35	cps
Bismuth	209-2	2072933	2189585	2200760	2154426	3.29	cps
Boron	10-1	1072407	1048953	1017071	1046144	2.65	cps
Boron	11-1	4869606	4916480	4688190	4824759	2.50	cps
Bromine	81-1	5124113	6194687	6604382	5974394	12.79	cps
Cadmium	111-1	6649	6123	5924	6232	6.01	cps
Cadmium	106-1	9120	8670	8328	8706	4.56	cps
Cadmium	108-1	104	125	92	107	15.74	cps
Calcium	43-1	1425865	1467726	1432975	1442189	1.55	cps
Calcium	44-1	22753712	23295198	22704959	22917956	1.43	cps
Carbon	12-1	11539540	12402888	13121755	12354727	6.41	cps
Carbon	12-2	112437	115402	119249	115696	2.95	cps
Chlorine	35-1	52068625	65272997	73142800	63494807	16.77	cps
Chlorine	35-2	343716	356338	395444	365166	7.39	cps
Chromium	52-2	3454	3374	3697	3508	4.80	cps
Cobalt	59-2	1097	927	973	999	8.79	cps
Copper	63-2	5715	5474	5875	5688	3.54	cps
Dysprosium	156-1	192	150	142	161	16.63	cps
Dysprosium	156-2	27	27	13	22	34.66	cps
Erbium	164-1	158	208	175	181	14.10	cps
Erbium	164-2	47	37	23	36	32.93	cps
Gadolinium	160-1	200	275	225	233	16.37	cps
Gadolinium	160-2	113	73	93	93	21.43	cps
Holmium	165-1	16478701	16486571	16829190	16598154	1.21	cps
Holmium	165-2	3232975	3641197	3754244	3542805	7.74	cps
Indium	115-1	14196329	13566438	13800575	13854447	2.30	cps
Indium	115-2	917994	955178	987884	953685	3.67	cps
Iron	54-2	139419	140437	147994	142616	3.28	cps
Iron	56-2	2736208	2591868	2797056	2708378	3.89	cps
Iron	57-2	64791	62448	68536	65258	4.71	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01	Instrumnet Name :	P8
Client Sample ID :	MW-106D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:27:58	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	812	970	1036	940	12.23	cps
Lead	206-1	11049	6163	5596	7602	39.44	cps
Lead	207-1	9702	5090	4851	6548	41.76	cps
Lead	208-1	45618	23887	22564	30690	42.18	cps
Lithium	6-1	7851101	8468752	8015157	8111670	3.94	cps
Magnesium	24-2	16213428	15564513	17552969	16443637	6.17	cps
Manganese	55-2	1259299	1217018	1390765	1289027	7.03	cps
Molybdenum	94-1	38618	35178	32631	35476	8.47	cps
Molybdenum	95-1	64009	59437	56013	59820	6.71	cps
Molybdenum	96-1	65704	62451	60667	62940	4.06	cps
Molybdenum	97-1	40120	35228	34527	36625	8.32	cps
Molybdenum	98-1	98771	90897	88810	92826	5.66	cps
Neodymium	150-1	160	220	167	182	18.05	cps
Neodymium	150-2	7	13	33	18	78.05	cps
Nickel	60-2	550	573	583	569	3.01	cps
Phosphorus	31-2	8669	8386	9003	8686	3.56	cps
Potassium	39-2	7674645	7262097	7864358	7600367	4.05	cps
Rhodium	103-1	12701607	12408534	12742223	12617455	1.44	cps
Rhodium	103-2	2617599	2707141	2873540	2732760	4.75	cps
Scandium	45-1	12067129	11972254	11987187	12008856	0.42	cps
Scandium	45-2	203386	212918	226426	214244	5.40	cps
Selenium	82-1	3975	4450	4727	4384	8.67	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	34	28	35	32	11.71	cps
Silicon	28-1	47875814	48275091	46804122	47651675	1.60	cps
Silver	107-1	3688	1008	1042	1913	80.38	cps
Silver	109-1	1475	683	892	1017	40.37	cps
Sodium	23-2	510588395	504266045	562282313	525712251	6.05	cps
Strontium	86-1	2467789	2542863	2482869	2497840	1.59	cps
Strontium	88-1	21575911	21618839	20756094	21316948	2.28	cps
Sulfur	34-1	7193968	7242036	6921507	7119170	2.43	cps
Terbium	159-1	17698920	17807025	17587822	17697922	0.62	cps
Terbium	159-2	3662541	3808147	3990577	3820422	4.30	cps
Thallium	203-1	3401	2284	2409	2698	22.69	cps
Thallium	205-1	8039	5226	5693	6319	23.85	cps
Tin	118-1	8920	8069	8861	8617	5.51	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01	Instrumnet Name :	P8
Client Sample ID :	MW-106D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:27:58	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9341	6768	6810	7640	19.28	cps
Uranium	238-1	25083	20676	20442	22067	11.85	cps
Vanadium	51-2	300	330	350	327	7.70	cps
Ytterbium	172-1	192	150	92	144	34.77	cps
Ytterbium	172-2	28	33	39	33	16.67	cps
Ytterbium	176-1	2892	2700	3100	2898	6.91	cps
Ytterbium	176-2	5646	6341	6852	6279	9.64	cps
Yttrium	89-1	24667843	24623271	24541941	24611019	0.26	cps
Yttrium	89-2	1234381	1244135	1373084	1283867	6.03	cps
Zinc	66-2	15092	15325	15682	15366	1.94	cps
Zirconium	90-1	5444	4242	4718	4801	12.60	cps
Zirconium	91-1	1334	858	1025	1072	22.49	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-106DDUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:31:00	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1504	1566	1450	1507	3.86	cps
Antimony	121-1	1492	1917	1884	1764	13.40	cps
Arsenic	75-2	1287	1271	1267	1275	0.83	cps
Barium	135-1	109533	112820	111980	111444	1.53	cps
Barium	137-1	187937	192187	189780	189968	1.12	cps
Beryllium	9-1	142	139	114	132	11.87	cps
Bismuth	209-1	8795974	9190032	9122271	9036092	2.33	cps
Bismuth	209-2	2002487	2239436	2199398	2147107	5.91	cps
Boron	10-1	1099872	1129117	1174218	1134402	3.30	cps
Boron	11-1	5267332	5279361	5459199	5335297	2.01	cps
Bromine	81-1	6398660	7050133	7702250	7050348	9.24	cps
Cadmium	111-1	6625	6526	6483	6544	1.11	cps
Cadmium	106-1	9370	9270	9162	9267	1.12	cps
Cadmium	108-1	79	96	79	85	11.36	cps
Calcium	43-1	1577270	1502998	1484025	1521431	3.24	cps
Calcium	44-1	24656280	24820234	24091384	24522633	1.56	cps
Carbon	12-1	13810476	14542650	15119712	14490946	4.53	cps
Carbon	12-2	128779	125660	127870	127437	1.26	cps
Chlorine	35-1	85925171	96647648	99217073	93929964	7.51	cps
Chlorine	35-2	450044	461804	469461	460436	2.12	cps
Chromium	52-2	3631	3504	3560	3565	1.78	cps
Cobalt	59-2	977	1100	967	1014	7.32	cps
Copper	63-2	5568	6028	5765	5787	3.99	cps
Dysprosium	156-1	75	125	158	119	35.12	cps
Dysprosium	156-2	57	23	7	29	88.13	cps
Erbium	164-1	175	208	217	200	11.02	cps
Erbium	164-2	47	37	33	39	17.85	cps
Gadolinium	160-1	333	250	225	269	21.05	cps
Gadolinium	160-2	77	93	117	96	21.03	cps
Holmium	165-1	16947104	17811159	17987840	17582034	3.17	cps
Holmium	165-2	3485814	3601557	3706107	3597826	3.06	cps
Indium	115-1	14453636	14498372	14512522	14488177	0.21	cps
Indium	115-2	912258	983014	1001381	965551	4.87	cps
Iron	54-2	146984	144053	143873	144970	1.20	cps
Iron	56-2	2794723	2760010	2710330	2755021	1.54	cps
Iron	57-2	66432	66209	66315	66319	0.17	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-106DDUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:31:00	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1049	1220	1242	1170	9.05	cps
Lead	206-1	5868	5685	5457	5670	3.63	cps
Lead	207-1	4773	4984	4851	4870	2.19	cps
Lead	208-1	23059	22708	22964	22910	0.79	cps
Lithium	6-1	8565574	8346816	8431171	8447854	1.31	cps
Magnesium	24-2	17103645	16437959	16458092	16666565	2.27	cps
Manganese	55-2	1352899	1284544	1285509	1307651	3.00	cps
Molybdenum	94-1	34293	33750	32388	33477	2.93	cps
Molybdenum	95-1	58298	58081	56466	57615	1.74	cps
Molybdenum	96-1	60574	60164	57311	59350	3.00	cps
Molybdenum	97-1	36240	35413	33850	35167	3.45	cps
Molybdenum	98-1	92166	87643	89246	89685	2.56	cps
Neodymium	150-1	160	240	147	182	27.70	cps
Neodymium	150-2	23	47	30	33	36.07	cps
Nickel	60-2	603	543	487	544	10.72	cps
Phosphorus	31-2	8136	8961	8578	8558	4.83	cps
Potassium	39-2	7835140	7674276	7359884	7623100	3.17	cps
Rhodium	103-1	13063759	13300538	13616066	13326788	2.08	cps
Rhodium	103-2	2618455	2858926	2869777	2782386	5.11	cps
Scandium	45-1	12564000	12636110	12931372	12710494	1.53	cps
Scandium	45-2	206905	220569	223239	216905	4.04	cps
Selenium	82-1	4716	5054	5548	5106	8.20	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	29	31	35	32	9.65	cps
Silicon	28-1	50368207	51670937	50535368	50858171	1.39	cps
Silver	107-1	1092	1042	1475	1203	19.71	cps
Silver	109-1	717	958	1275	983	28.48	cps
Sodium	23-2	550772746	534491129	524155945	536473273	2.50	cps
Strontium	86-1	2769296	2735472	2626966	2710578	2.74	cps
Strontium	88-1	22953197	22338568	22459281	22583682	1.44	cps
Sulfur	34-1	7497609	7411814	7439998	7449807	0.59	cps
Terbium	159-1	17891015	18381534	18722842	18331797	2.28	cps
Terbium	159-2	3594748	3877126	4006198	3826024	5.50	cps
Thallium	203-1	2284	2975	3025	2762	15.01	cps
Thallium	205-1	5710	6602	8136	6816	18.01	cps
Tin	118-1	9170	9720	9504	9465	2.93	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-106DDUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:31:00	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7352	8571	8036	7986	7.65	cps
Uranium	238-1	22830	21018	21436	21761	4.36	cps
Vanadium	51-2	287	343	363	331	12.01	cps
Ytterbium	172-1	200	50	108	119	63.31	cps
Ytterbium	172-2	22	44	39	35	32.88	cps
Ytterbium	176-1	2984	3000	2709	2898	5.65	cps
Ytterbium	176-2	6040	6413	6707	6387	5.23	cps
Yttrium	89-1	25826766	26304239	26078438	26069814	0.92	cps
Yttrium	89-2	1254591	1315237	1362648	1310825	4.13	cps
Zinc	66-2	15846	15482	14928	15418	3.00	cps
Zirconium	90-1	3567	4018	3984	3856	6.51	cps
Zirconium	91-1	567	733	692	664	13.07	cps

LB Number : LB121774 Operator : Jaswal
 Lab Sample ID : N4229-01LX5 Instrumnet Name : P8
 Client Sample ID : MW-106DL Dilution Factor : 5
 Date & Time Acquired : 2022-08-26 18:33:59 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	409	392	376	392	4.14	cps
Antimony	121-1	392	392	400	394	1.22	cps
Arsenic	75-2	289	340	304	311	8.43	cps
Barium	135-1	22644	22060	21918	22208	1.73	cps
Barium	137-1	39409	38715	39283	39135	0.94	cps
Beryllium	9-1	95	90	90	92	3.15	cps
Bismuth	209-1	10267253	10259103	9353660	9960005	5.27	cps
Bismuth	209-2	2709102	2604407	2695512	2669674	2.13	cps
Boron	10-1	355385	354668	363805	357953	1.42	cps
Boron	11-1	1494576	1570831	1568008	1544472	2.80	cps
Bromine	81-1	2207187	2308373	2285519	2267026	2.34	cps
Cadmium	111-1	7326	6765	6319	6803	7.42	cps
Cadmium	106-1	10429	9579	8970	9659	7.59	cps
Cadmium	108-1	71	33	50	51	36.56	cps
Calcium	43-1	308924	311410	308353	309562	0.53	cps
Calcium	44-1	5187402	5056067	5001844	5081771	1.88	cps
Carbon	12-1	8273188	8223227	8517021	8337812	1.89	cps
Carbon	12-2	68225	69037	67740	68334	0.96	cps
Chlorine	35-1	32530519	32317566	32316373	32388153	0.38	cps
Chlorine	35-2	131041	129863	127485	129463	1.40	cps
Chromium	52-2	1287	1150	1167	1201	6.21	cps
Cobalt	59-2	250	300	297	282	9.91	cps
Copper	63-2	2804	2650	2777	2744	2.99	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	20	10	0	10	100.00	cps
Erbium	164-1	75	142	100	106	31.91	cps
Erbium	164-2	27	30	27	28	6.92	cps
Gadolinium	160-1	67	117	167	117	42.86	cps
Gadolinium	160-2	80	127	97	101	23.39	cps
Holmium	165-1	18104724	18827223	16812404	17914784	5.70	cps
Holmium	165-2	3967277	3804800	4019108	3930395	2.84	cps
Indium	115-1	16111619	15522076	14520916	15384870	5.23	cps
Indium	115-2	1102306	1087854	1121468	1103876	1.53	cps
Iron	54-2	35004	32894	34175	34024	3.13	cps
Iron	56-2	594633	596707	581762	591034	1.37	cps
Iron	57-2	14786	14758	14713	14752	0.25	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 18:33:59	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	790	777	745	771	3.01	cps
Lead	206-1	2434	2322	2578	2445	5.24	cps
Lead	207-1	1972	1911	2000	1961	2.32	cps
Lead	208-1	9090	9163	9196	9150	0.59	cps
Lithium	6-1	9406333	9207680	8535578	9049864	5.04	cps
Magnesium	24-2	3711528	3712469	3823913	3749303	1.72	cps
Manganese	55-2	292420	285572	282002	286665	1.85	cps
Molybdenum	94-1	7719	7669	6752	7380	7.38	cps
Molybdenum	95-1	12047	12197	12506	12250	1.91	cps
Molybdenum	96-1	13148	13157	13132	13145	0.10	cps
Molybdenum	97-1	7144	7586	7761	7497	4.24	cps
Molybdenum	98-1	18580	18496	19272	18783	2.27	cps
Neodymium	150-1	20	40	40	33	34.64	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	120	160	123	134	16.51	cps
Phosphorus	31-2	7786	7144	7535	7488	4.32	cps
Potassium	39-2	1669506	1696018	1680012	1681845	0.79	cps
Rhodium	103-1	14937950	15166428	13691445	14598607	5.44	cps
Rhodium	103-2	3332762	3314489	3379092	3342114	1.00	cps
Scandium	45-1	13980831	13462516	12285200	13242849	6.56	cps
Scandium	45-2	236848	236371	241149	238123	1.11	cps
Selenium	82-1	1612	1677	1734	1675	3.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	38	49	30	39	24.47	cps
Silicon	28-1	11296291	11292686	11344134	11311037	0.25	cps
Silver	107-1	558	542	592	564	4.51	cps
Silver	109-1	600	342	400	447	30.30	cps
Sodium	23-2	114865323	115428423	112278840	114190862	1.47	cps
Strontium	86-1	539069	546367	538368	541268	0.82	cps
Strontium	88-1	4823530	4702652	4642041	4722741	1.96	cps
Sulfur	34-1	2044153	2017109	2040302	2033855	0.72	cps
Terbium	159-1	18879017	19650354	17669055	18732809	5.33	cps
Terbium	159-2	4289306	4240163	4412010	4313826	2.05	cps
Thallium	203-1	3384	3134	2575	3031	13.66	cps
Thallium	205-1	7602	7661	7452	7572	1.42	cps
Tin	118-1	4751	5226	5318	5098	5.97	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 18:33:59	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1884	2017	2017	1972	3.90	cps
Uranium	238-1	4593	4468	4768	4609	3.27	cps
Vanadium	51-2	80	93	57	77	24.21	cps
Ytterbium	172-1	108	100	33	81	51.03	cps
Ytterbium	172-2	22	0	6	9	124.87	cps
Ytterbium	176-1	3592	3217	2884	3231	10.97	cps
Ytterbium	176-2	6657	7052	7285	6998	4.54	cps
Yttrium	89-1	28092885	26896149	25296283	26761772	5.24	cps
Yttrium	89-2	1500225	1473302	1485863	1486463	0.91	cps
Zinc	66-2	4351	4411	4254	4338	1.82	cps
Zirconium	90-1	1633	1608	1542	1595	2.97	cps
Zirconium	91-1	392	250	217	286	32.48	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-02	Instrumnet Name :	P8
Client Sample ID :	MW-106DMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:37:05	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	597529	576787	573750	582689	2.22	cps
Antimony	121-1	3007081	2974774	2934066	2971974	1.23	cps
Arsenic	75-2	55650	52954	52926	53843	2.91	cps
Barium	135-1	5647214	5753657	5808830	5736567	1.43	cps
Barium	137-1	9677404	9785340	9698431	9720392	0.59	cps
Beryllium	9-1	1602697	1590084	1579851	1590877	0.72	cps
Bismuth	209-1	8425643	8728740	8662797	8605727	1.85	cps
Bismuth	209-2	2207870	2107846	2167313	2161010	2.33	cps
Boron	10-1	1211940	1288256	1309737	1269978	4.05	cps
Boron	11-1	5735495	5958949	5970675	5888373	2.25	cps
Bromine	81-1	4937054	5601728	6034756	5524513	10.01	cps
Cadmium	111-1	1082446	1088067	1079589	1083367	0.40	cps
Cadmium	106-1	135632	136280	138561	136825	1.12	cps
Cadmium	108-1	84252	82189	84369	83603	1.47	cps
Calcium	43-1	3243086	3245488	3310670	3266415	1.17	cps
Calcium	44-1	53505356	53749466	52737400	53330741	0.99	cps
Carbon	12-1	14396730	15505065	16118082	15339959	5.69	cps
Carbon	12-2	137280	139616	140593	139163	1.22	cps
Chlorine	35-1	66147820	74413852	82122337	74228003	10.76	cps
Chlorine	35-2	365473	376571	381912	374652	2.24	cps
Chromium	52-2	722886	696164	685197	701415	2.76	cps
Cobalt	59-2	1257873	1218397	1193013	1223094	2.67	cps
Copper	63-2	10272907	9621567	9646292	9846922	3.75	cps
Dysprosium	156-1	475	367	367	403	15.53	cps
Dysprosium	156-2	67	37	100	68	46.74	cps
Erbium	164-1	233	217	183	211	12.06	cps
Erbium	164-2	23	43	30	32	31.61	cps
Gadolinium	160-1	275	267	242	261	6.64	cps
Gadolinium	160-2	147	103	113	121	18.73	cps
Holmium	165-1	16741825	16888572	17034124	16888174	0.87	cps
Holmium	165-2	3722232	3417506	3434556	3524765	4.86	cps
Indium	115-1	13988564	14231608	14045319	14088497	0.90	cps
Indium	115-2	971897	931232	935916	946348	2.35	cps
Iron	54-2	1892015	1873436	1880392	1881948	0.50	cps
Iron	56-2	33295711	32594694	31852960	32581122	2.21	cps
Iron	57-2	802705	779363	765527	782532	2.40	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-02	Instrumnet Name :	P8
Client Sample ID :	MW-106DMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:37:05	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1141	1237	1246	1208	4.82	cps
Lead	206-1	15713142	15947068	16186421	15948877	1.48	cps
Lead	207-1	13783755	14326672	14457096	14189174	2.52	cps
Lead	208-1	62708878	64541357	65773407	64341214	2.40	cps
Lithium	6-1	8242638	8474605	8199809	8305684	1.78	cps
Magnesium	24-2	22883468	22134668	21957958	22325365	2.20	cps
Manganese	55-2	5651737	5521287	5359919	5510981	2.65	cps
Molybdenum	94-1	10224604	10383653	10579469	10395909	1.71	cps
Molybdenum	95-1	12753895	13069422	13013324	12945547	1.30	cps
Molybdenum	96-1	14475878	14271723	14341692	14363098	0.72	cps
Molybdenum	97-1	7985011	7797199	8007434	7929881	1.46	cps
Molybdenum	98-1	20113965	20418785	20426290	20319680	0.88	cps
Neodymium	150-1	700	740	560	667	14.18	cps
Neodymium	150-2	37	20	33	30	29.40	cps
Nickel	60-2	311755	303969	303938	306554	1.47	cps
Phosphorus	31-2	8795	8153	8036	8328	4.91	cps
Potassium	39-2	9329121	9220208	8819595	9122974	2.94	cps
Rhodium	103-1	12568070	13059155	12750216	12792480	1.94	cps
Rhodium	103-2	2840915	2686856	2667813	2731861	3.47	cps
Scandium	45-1	12151969	12606805	12310603	12356459	1.87	cps
Scandium	45-2	219587	211580	212458	214542	2.05	cps
Selenium	82-1	95115	95826	96187	95709	0.57	cps
Selenium	77-2	1507	1317	1303	1376	8.27	cps
Selenium	78-2	4867	4784	4826	4826	0.86	cps
Silicon	28-1	48912430	48344871	50497601	49251634	2.27	cps
Silver	107-1	3856233	5301330	3681875	4279813	20.77	cps
Silver	109-1	3555913	3027682	2963515	3182370	10.22	cps
Sodium	23-2	485091411	493612744	474240377	484314844	2.00	cps
Strontium	86-1	4126229	4114993	4191163	4144128	0.99	cps
Strontium	88-1	35661254	35175376	35521476	35452702	0.71	cps
Sulfur	34-1	6568760	6687995	6623926	6626894	0.90	cps
Terbium	159-1	17528710	17982946	17755329	17755662	1.28	cps
Terbium	159-2	3856140	3535915	3711137	3701064	4.33	cps
Thallium	203-1	3723312	3708643	3766855	3732937	0.81	cps
Thallium	205-1	8719778	8725526	8883800	8776368	1.06	cps
Tin	118-1	3869172	3800885	3918898	3862985	1.53	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-02	Instrumnet Name :	P8
Client Sample ID :	MW-106DMS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:37:05	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4359307	4398710	4354302	4370773	0.56	cps
Uranium	238-1	12019656	12437647	12559374	12338892	2.29	cps
Vanadium	51-2	595563	573588	560160	576437	3.10	cps
Ytterbium	172-1	125	242	108	158	45.88	cps
Ytterbium	172-2	56	11	61	43	64.34	cps
Ytterbium	176-1	2825	2867	2750	2814	2.10	cps
Ytterbium	176-2	6641	6051	6468	6387	4.74	cps
Yttrium	89-1	25000253	26095510	24833958	25309907	2.71	cps
Yttrium	89-2	1350348	1237440	1278750	1288846	4.43	cps
Zinc	66-2	850433	821194	813014	828214	2.38	cps
Zirconium	90-1	8887461	8816794	8812360	8838872	0.48	cps
Zirconium	91-1	1988457	1988130	2007419	1994669	0.55	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-03	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:40:01	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	610400	593435	588756	597530	1.91	cps
Antimony	121-1	2848329	2851724	2820520	2840191	0.60	cps
Arsenic	75-2	55070	54823	53748	54547	1.29	cps
Barium	135-1	5521226	5570943	5569619	5553929	0.51	cps
Barium	137-1	9301398	9307451	9406219	9338356	0.63	cps
Beryllium	9-1	1542465	1585769	1575094	1567776	1.44	cps
Bismuth	209-1	8412216	8104231	8257109	8257852	1.86	cps
Bismuth	209-2	2137274	2119346	1836700	2031107	8.30	cps
Boron	10-1	1190923	1235265	1256154	1227448	2.71	cps
Boron	11-1	5474678	5790210	5735961	5666950	2.98	cps
Bromine	81-1	5439371	5949659	6418115	5935715	8.25	cps
Cadmium	111-1	1054345	1039333	1069162	1054280	1.41	cps
Cadmium	106-1	133403	133503	132425	133110	0.45	cps
Cadmium	108-1	81167	79654	83316	81379	2.26	cps
Calcium	43-1	3177233	3203435	3209384	3196684	0.54	cps
Calcium	44-1	49996578	51969996	51183018	51049864	1.95	cps
Carbon	12-1	14523901	15497037	15944699	15321879	4.74	cps
Carbon	12-2	137658	141662	142925	140748	1.95	cps
Chlorine	35-1	70811214	78865512	82762402	77479709	7.87	cps
Chlorine	35-2	386916	391172	396859	391649	1.27	cps
Chromium	52-2	732936	706039	702308	713761	2.34	cps
Cobalt	59-2	1279034	1244573	1236843	1253483	1.79	cps
Copper	63-2	10199061	9878517	9675726	9917768	2.66	cps
Dysprosium	156-1	292	267	308	289	7.26	cps
Dysprosium	156-2	37	67	43	49	32.22	cps
Erbium	164-1	217	175	175	189	12.74	cps
Erbium	164-2	53	13	37	34	58.34	cps
Gadolinium	160-1	292	333	250	292	14.29	cps
Gadolinium	160-2	117	110	123	117	5.72	cps
Holmium	165-1	16412591	16222922	15817846	16151120	1.88	cps
Holmium	165-2	3572612	3440540	3059415	3357523	7.94	cps
Indium	115-1	13590678	12864982	13313745	13256468	2.76	cps
Indium	115-2	929727	923489	808259	887158	7.71	cps
Iron	54-2	1932359	1895920	1860269	1896183	1.90	cps
Iron	56-2	32504732	32905597	32240788	32550372	1.03	cps
Iron	57-2	800264	799661	771312	790412	2.09	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-03	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:40:01	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1174	1274	1285	1244	4.92	cps
Lead	206-1	15251746	14698127	15029941	14993271	1.86	cps
Lead	207-1	13597432	13271332	13378060	13415608	1.24	cps
Lead	208-1	61654635	60236079	61609390	61166701	1.32	cps
Lithium	6-1	7769825	7360646	7457500	7529324	2.84	cps
Magnesium	24-2	22767394	22225076	22682509	22558326	1.29	cps
Manganese	55-2	5504509	5663523	5572538	5580190	1.43	cps
Molybdenum	94-1	10134869	10109268	10274817	10172985	0.88	cps
Molybdenum	95-1	12539641	12435421	12581834	12518965	0.60	cps
Molybdenum	96-1	14081532	13676526	13946471	13901510	1.48	cps
Molybdenum	97-1	7753759	7624961	7775847	7718189	1.06	cps
Molybdenum	98-1	20026571	19608399	19803215	19812728	1.06	cps
Neodymium	150-1	600	480	687	589	17.62	cps
Neodymium	150-2	23	23	43	30	38.49	cps
Nickel	60-2	314193	306801	312088	311027	1.22	cps
Phosphorus	31-2	8361	8478	8178	8339	1.81	cps
Potassium	39-2	9408133	9279397	9232625	9306718	0.98	cps
Rhodium	103-1	12261476	11684693	12257950	12068040	2.75	cps
Rhodium	103-2	2684528	2719271	2421461	2608420	6.24	cps
Scandium	45-1	11814181	11857352	11352369	11674634	2.40	cps
Scandium	45-2	215696	213017	181823	203512	9.25	cps
Selenium	82-1	95955	95137	95559	95550	0.43	cps
Selenium	77-2	1503	1340	1303	1382	7.70	cps
Selenium	78-2	5147	4902	4883	4978	2.96	cps
Silicon	28-1	45981418	47785539	47161971	46976309	1.95	cps
Silver	107-1	2784578	3308444	3232635	3108552	9.11	cps
Silver	109-1	5041642	3298700	3040788	3793710	28.69	cps
Sodium	23-2	487045361	491289711	493595711	490643594	0.68	cps
Strontium	86-1	3871500	3899338	4027340	3932726	2.11	cps
Strontium	88-1	32835192	33504779	33860805	33400259	1.56	cps
Sulfur	34-1	6433501	6442465	6382358	6419441	0.51	cps
Terbium	159-1	16376337	16630844	16371061	16459414	0.90	cps
Terbium	159-2	3628854	3696192	3224777	3516608	7.25	cps
Thallium	203-1	3639286	3652434	3689894	3660538	0.72	cps
Thallium	205-1	8514392	8396698	8696998	8536030	1.77	cps
Tin	118-1	3796655	3678415	3823065	3766045	2.05	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-03	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:40:01	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4263755	4208761	4124840	4199119	1.67	cps
Uranium	238-1	12309129	11808378	12343251	12153586	2.46	cps
Vanadium	51-2	592784	580082	567720	580195	2.16	cps
Ytterbium	172-1	158	142	175	158	10.53	cps
Ytterbium	172-2	28	39	22	30	28.65	cps
Ytterbium	176-1	3242	2600	2792	2878	11.45	cps
Ytterbium	176-2	6202	6741	5468	6137	10.41	cps
Yttrium	89-1	23778536	23438116	23538755	23585136	0.74	cps
Yttrium	89-2	1272847	1275395	1096169	1214804	8.46	cps
Zinc	66-2	849998	846514	841898	846137	0.48	cps
Zirconium	90-1	8531102	8522043	8605902	8553016	0.54	cps
Zirconium	91-1	1937919	1897836	1970181	1935312	1.87	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01A	Instrumnet Name :	P8
Client Sample ID :	MW-106DA	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:43:00	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	589888	629977	621726	613864	3.45	cps
Antimony	121-1	2772444	2664848	2641029	2692774	2.60	cps
Arsenic	75-2	57067	57997	57485	57516	0.81	cps
Barium	135-1	5295997	5119992	5141408	5185799	1.85	cps
Barium	137-1	9169252	8835966	8620462	8875227	3.12	cps
Beryllium	9-1	1500368	1451448	1364396	1438737	4.79	cps
Bismuth	209-1	7798944	7394312	8104837	7766031	4.59	cps
Bismuth	209-2	2124913	2201911	2251124	2192649	2.90	cps
Boron	10-1	1098188	1085130	1144258	1109192	2.80	cps
Boron	11-1	5132558	5280677	5416817	5276684	2.69	cps
Bromine	81-1	5170432	5718673	6038535	5642547	7.78	cps
Cadmium	111-1	1010750	979760	979196	989902	1.82	cps
Cadmium	106-1	127379	120954	120147	122827	3.23	cps
Cadmium	108-1	77495	75501	74513	75836	2.00	cps
Calcium	43-1	3041422	3066688	2942748	3016952	2.17	cps
Calcium	44-1	48332210	48397054	47179828	47969697	1.43	cps
Carbon	12-1	14496350	15264096	16077394	15279280	5.17	cps
Carbon	12-2	134269	136395	138761	136475	1.65	cps
Chlorine	35-1	70634658	75692377	80273975	75533670	6.38	cps
Chlorine	35-2	397177	458224	456585	437329	7.95	cps
Chromium	52-2	728561	767513	756393	750823	2.67	cps
Cobalt	59-2	1284889	1304572	1316498	1301987	1.23	cps
Copper	63-2	10285035	10245123	10787398	10439186	2.90	cps
Dysprosium	156-1	350	208	258	272	26.39	cps
Dysprosium	156-2	43	60	37	47	25.75	cps
Erbium	164-1	192	150	133	158	18.97	cps
Erbium	164-2	37	50	27	38	30.98	cps
Gadolinium	160-1	350	242	233	275	23.67	cps
Gadolinium	160-2	110	170	137	139	21.64	cps
Holmium	165-1	15612440	14742435	15316687	15223854	2.91	cps
Holmium	165-2	3654515	3856817	3725280	3745537	2.74	cps
Indium	115-1	12506727	11661327	13197921	12455325	6.18	cps
Indium	115-2	949576	1004117	992454	982049	2.92	cps
Iron	54-2	1993461	2056684	1944285	1998143	2.82	cps
Iron	56-2	34236004	34581604	34498820	34438809	0.52	cps
Iron	57-2	814701	829560	825320	823194	0.93	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01A	Instrumnet Name :	P8
Client Sample ID :	MW-106DA	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:43:00	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1219	1226	1261	1235	1.84	cps
Lead	206-1	14808891	14126306	13698930	14211376	3.94	cps
Lead	207-1	13128254	12556965	12390525	12691915	3.05	cps
Lead	208-1	58932948	57042695	55943864	57306502	2.64	cps
Lithium	6-1	7328333	6903055	7237813	7156400	3.13	cps
Magnesium	24-2	22686035	24196463	24061711	23648070	3.53	cps
Manganese	55-2	5809283	5921580	5861782	5864215	0.96	cps
Molybdenum	94-1	9768630	9478825	9145674	9464377	3.29	cps
Molybdenum	95-1	11986289	11604613	11510447	11700450	2.15	cps
Molybdenum	96-1	13460933	12802295	12908877	13057368	2.71	cps
Molybdenum	97-1	7411733	7037470	6939419	7129541	3.50	cps
Molybdenum	98-1	19155221	18082169	18251774	18496388	3.12	cps
Neodymium	150-1	633	587	680	633	7.37	cps
Neodymium	150-2	23	30	20	24	20.83	cps
Nickel	60-2	325160	329560	331378	328699	0.97	cps
Phosphorus	31-2	8194	8753	8311	8419	3.50	cps
Potassium	39-2	9440658	10030900	9485798	9652452	3.40	cps
Rhodium	103-1	11912914	10908717	11664359	11495330	4.55	cps
Rhodium	103-2	2867922	2897362	2863039	2876108	0.65	cps
Scandium	45-1	11189131	10383932	11287514	10953526	4.53	cps
Scandium	45-2	215076	225810	232625	224504	3.94	cps
Selenium	82-1	91420	89723	89313	90152	1.24	cps
Selenium	77-2	1663	1523	1480	1556	6.16	cps
Selenium	78-2	5158	5131	5078	5123	0.79	cps
Silicon	28-1	43396441	44696795	43460860	43851365	1.67	cps
Silver	107-1	3467717	3270588	3324326	3354210	3.04	cps
Silver	109-1	3392400	2434197	2417741	2748112	20.31	cps
Sodium	23-2	484255661	509952661	517064945	503757756	3.43	cps
Strontium	86-1	3937971	3688574	3673820	3766788	3.94	cps
Strontium	88-1	32033880	30873174	30960279	31289111	2.07	cps
Sulfur	34-1	5964014	5907370	5901595	5924326	0.58	cps
Terbium	159-1	16159581	15497366	16376718	16011222	2.86	cps
Terbium	159-2	3824041	3975468	3984063	3927857	2.29	cps
Thallium	203-1	3530005	3399126	3295428	3408186	3.45	cps
Thallium	205-1	8209111	7966058	7698827	7957999	3.21	cps
Tin	118-1	3632063	3485228	3442931	3520074	2.82	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01A	Instrumnet Name :	P8
Client Sample ID :	MW-106DA	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:43:00	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4056016	3938246	3956972	3983745	1.59	cps
Uranium	238-1	11706649	11190053	11113186	11336629	2.85	cps
Vanadium	51-2	594678	619248	623068	612332	2.52	cps
Ytterbium	172-1	117	100	142	119	17.56	cps
Ytterbium	172-2	28	33	67	43	49.39	cps
Ytterbium	176-1	2575	2367	2467	2470	4.22	cps
Ytterbium	176-2	6046	6568	6991	6535	7.24	cps
Yttrium	89-1	23440929	21310958	23124241	22625376	5.08	cps
Yttrium	89-2	1286530	1382126	1355092	1341249	3.67	cps
Zinc	66-2	881384	881154	895551	886030	0.93	cps
Zirconium	90-1	8186161	7920535	7787579	7964758	2.55	cps
Zirconium	91-1	1904918	1739308	1816652	1820293	4.55	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:47:47	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3066940	2958569	2975044	3000185	1.95	cps
Antimony	121-1	3424603	3516186	3475863	3472217	1.32	cps
Arsenic	75-2	55146	55025	54235	54802	0.90	cps
Barium	135-1	5174635	5138353	5065790	5126260	1.08	cps
Barium	137-1	8925165	8634440	8759554	8773053	1.66	cps
Beryllium	9-1	1594169	1632866	1607223	1611419	1.22	cps
Bismuth	209-1	8194762	8082126	8020893	8099261	1.09	cps
Bismuth	209-2	2109019	2154652	2183358	2149010	1.74	cps
Boron	10-1	327627	333147	331321	330698	0.85	cps
Boron	11-1	1398025	1466075	1495416	1453172	3.44	cps
Bromine	81-1	493118	482004	449902	475008	4.72	cps
Cadmium	111-1	1195890	1182390	1165927	1181402	1.27	cps
Cadmium	106-1	143763	142298	136406	140822	2.77	cps
Cadmium	108-1	94253	91912	90105	92090	2.26	cps
Calcium	43-1	9056570	9065844	8940550	9020988	0.77	cps
Calcium	44-1	141989472	146008559	146639035	144879022	1.74	cps
Carbon	12-1	7394840	7403788	7388186	7395605	0.11	cps
Carbon	12-2	66677	63990	64392	65020	2.23	cps
Chlorine	35-1	10041645	9698332	9172028	9637335	4.54	cps
Chlorine	35-2	36112	34600	33732	34815	3.46	cps
Chromium	52-2	756388	746630	746951	749989	0.74	cps
Cobalt	59-2	1301065	1273205	1250919	1275063	1.97	cps
Copper	63-2	10256644	9821420	9880115	9986060	2.36	cps
Dysprosium	156-1	567	725	692	661	12.63	cps
Dysprosium	156-2	120	113	103	112	7.47	cps
Erbium	164-1	92	100	50	81	33.25	cps
Erbium	164-2	23	27	17	22	22.91	cps
Gadolinium	160-1	467	417	483	456	7.62	cps
Gadolinium	160-2	173	173	177	174	1.10	cps
Holmium	165-1	15555934	14402601	15187594	15048710	3.91	cps
Holmium	165-2	3428349	3314139	3616113	3452867	4.42	cps
Indium	115-1	13109894	12850546	12736143	12898861	1.48	cps
Indium	115-2	919576	924978	955808	933454	2.09	cps
Iron	54-2	8590056	8490472	8779906	8620145	1.71	cps
Iron	56-2	155111492	154269220	151817398	153732703	1.11	cps
Iron	57-2	3945879	3875121	3871317	3897439	1.08	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:47:47	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	822	806	786	805	2.26	cps
Lead	206-1	14751820	14332095	14631975	14571963	1.48	cps
Lead	207-1	12818815	12582448	12635656	12678973	0.98	cps
Lead	208-1	59357765	57478576	57836475	58224272	1.71	cps
Lithium	6-1	7631655	7184227	7354772	7390218	3.06	cps
Magnesium	24-2	40659688	39624154	38783051	39688964	2.37	cps
Manganese	55-2	4074137	4107756	4042571	4074821	0.80	cps
Molybdenum	94-1	16429696	15665422	15497325	15864148	3.13	cps
Molybdenum	95-1	23116784	22774530	22487343	22792886	1.38	cps
Molybdenum	96-1	24966366	25551648	24856852	25124955	1.49	cps
Molybdenum	97-1	14263584	14302558	14005123	14190422	1.14	cps
Molybdenum	98-1	36062503	36681274	36646722	36463499	0.95	cps
Neodymium	150-1	433	560	520	504	12.84	cps
Neodymium	150-2	10	23	20	18	39.03	cps
Nickel	60-2	378101	364668	358690	367153	2.71	cps
Phosphorus	31-2	39922	38326	38134	38794	2.53	cps
Potassium	39-2	12016285	11417770	11763097	11732384	2.56	cps
Rhodium	103-1	12376733	11979665	11716220	12024206	2.77	cps
Rhodium	103-2	2754206	2713705	2804194	2757369	1.64	cps
Scandium	45-1	11465741	10927426	10632598	11008588	3.84	cps
Scandium	45-2	203962	200260	213563	205928	3.33	cps
Selenium	82-1	109965	110051	110468	110161	0.24	cps
Selenium	77-2	1787	1670	1720	1726	3.39	cps
Selenium	78-2	6068	6007	6064	6046	0.56	cps
Silicon	28-1	4983437	5051951	5046109	5027165	0.76	cps
Silver	107-1	6043285	6079287	5953982	6025518	1.07	cps
Silver	109-1	5864533	5783566	5740347	5796149	1.09	cps
Sodium	23-2	78337937	74778862	74832845	75983215	2.68	cps
Strontium	86-1	39742765	39516070	39757109	39671981	0.34	cps
Strontium	88-1	338182249	335863716	333841357	335962441	0.65	cps
Sulfur	34-1	1064086	1082714	1063407	1070069	1.02	cps
Terbium	159-1	16429792	15739507	15677856	15949052	2.62	cps
Terbium	159-2	3593252	3588635	3697743	3626543	1.70	cps
Thallium	203-1	3538803	3524288	3443651	3502247	1.46	cps
Thallium	205-1	8413270	8193075	8169892	8258746	1.63	cps
Tin	118-1	3639456	3607034	3546507	3597665	1.31	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:47:47	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7912280	7869715	7613292	7798429	2.07	cps
Uranium	238-1	11442992	11239103	11043764	11241953	1.78	cps
Vanadium	51-2	573130	555782	563168	564027	1.54	cps
Ytterbium	172-1	125	167	258	183	37.21	cps
Ytterbium	172-2	17	33	17	22	43.28	cps
Ytterbium	176-1	10271	10338	10596	10402	1.65	cps
Ytterbium	176-2	7986	8025	8425	8145	2.98	cps
Yttrium	89-1	23617125	22525653	22292762	22811847	3.10	cps
Yttrium	89-2	1208395	1236928	1280543	1241955	2.93	cps
Zinc	66-2	1225910	1209149	1191586	1208882	1.42	cps
Zirconium	90-1	8341115	8426068	8189487	8318890	1.44	cps
Zirconium	91-1	1827481	1917151	1813105	1852579	3.04	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:54:45	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	176	425	166	256	57.31	cps
Antimony	121-1	608	800	1092	833	29.21	cps
Arsenic	75-2	7	6	6	6	9.12	cps
Barium	135-1	58	8	42	36	70.51	cps
Barium	137-1	83	50	50	61	31.50	cps
Beryllium	9-1	177	166	164	169	4.33	cps
Bismuth	209-1	9555497	9134858	9674465	9454940	3.00	cps
Bismuth	209-2	2467031	2649468	2471020	2529173	4.12	cps
Boron	10-1	53256	51289	51474	52006	2.09	cps
Boron	11-1	251874	237626	230408	239970	4.55	cps
Bromine	81-1	193336	194771	195500	194536	0.57	cps
Cadmium	111-1	5588	5121	5670	5460	5.43	cps
Cadmium	106-1	7911	7235	8036	7727	5.57	cps
Cadmium	108-1	29	33	25	29	14.28	cps
Calcium	43-1	276	267	240	261	7.24	cps
Calcium	44-1	16901	16403	16910	16738	1.73	cps
Carbon	12-1	6864266	6759406	6845435	6823035	0.82	cps
Carbon	12-2	57404	55982	56258	56548	1.33	cps
Chlorine	35-1	3384768	3386859	3289233	3353620	1.66	cps
Chlorine	35-2	13940	13023	12064	13009	7.21	cps
Chromium	52-2	473	530	390	464	15.16	cps
Cobalt	59-2	77	207	87	123	58.66	cps
Copper	63-2	1943	2974	1930	2283	26.24	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	92	67	75	19.24	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	100	67	50	72	35.25	cps
Gadolinium	160-2	53	63	90	69	27.52	cps
Holmium	165-1	15623185	14959760	15556929	15379958	2.38	cps
Holmium	165-2	3465015	3649805	3398647	3504489	3.71	cps
Indium	115-1	14447007	13774531	13969014	14063517	2.46	cps
Indium	115-2	981777	1032503	1011865	1008715	2.53	cps
Iron	54-2	678	1740	683	1034	59.15	cps
Iron	56-2	6330	18694	5408	10144	73.14	cps
Iron	57-2	133	611	128	291	95.44	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:54:45	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	791	710	801	767	6.52	cps
Lead	206-1	1378	1500	1711	1530	11.02	cps
Lead	207-1	1428	1306	1106	1280	12.71	cps
Lead	208-1	6184	5895	5845	5975	3.06	cps
Lithium	6-1	8148351	7941967	7905439	7998586	1.64	cps
Magnesium	24-2	1158	6523	1234	2972	103.50	cps
Manganese	55-2	200	637	143	327	82.65	cps
Molybdenum	94-1	1183	1183	1158	1175	1.23	cps
Molybdenum	95-1	1700	1317	1483	1500	12.81	cps
Molybdenum	96-1	1859	1850	1800	1836	1.72	cps
Molybdenum	97-1	975	825	742	847	13.96	cps
Molybdenum	98-1	2425	2234	2275	2311	4.36	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	60	77	27	54	46.76	cps
Phosphorus	31-2	6952	6477	6418	6616	4.42	cps
Potassium	39-2	10529	12457	10521	11169	9.99	cps
Rhodium	103-1	13371278	13171469	13466664	13336470	1.13	cps
Rhodium	103-2	3072337	3204081	3144484	3140301	2.10	cps
Scandium	45-1	11311879	11208247	11522021	11347382	1.41	cps
Scandium	45-2	203601	219175	209185	210654	3.75	cps
Selenium	82-1	69	81	29	60	46.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	33	31	36	20.84	cps
Silicon	28-1	878140	863115	857314	866189	1.24	cps
Silver	107-1	1175	867	925	989	16.56	cps
Silver	109-1	1017	792	683	831	20.47	cps
Sodium	23-2	67340	78060	64560	69987	10.19	cps
Strontium	86-1	1125	1317	1242	1228	7.87	cps
Strontium	88-1	933	700	942	858	15.98	cps
Sulfur	34-1	468463	465194	464652	466103	0.44	cps
Terbium	159-1	16536447	16098167	16393944	16342853	1.37	cps
Terbium	159-2	3641574	3904098	3658308	3734660	3.94	cps
Thallium	203-1	1892	1575	1784	1750	9.20	cps
Thallium	205-1	3976	3859	3901	3912	1.51	cps
Tin	118-1	3859	3826	4076	3920	3.46	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:54:45	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442	592	658	564	19.68	cps
Uranium	238-1	33	25	58	39	44.62	cps
Vanadium	51-2	17	57	33	36	56.51	cps
Ytterbium	172-1	75	67	92	78	16.37	cps
Ytterbium	172-2	22	17	11	17	33.33	cps
Ytterbium	176-1	2667	2467	2509	2548	4.14	cps
Ytterbium	176-2	5913	6896	6268	6359	7.83	cps
Yttrium	89-1	23672305	23399055	23624264	23565208	0.62	cps
Yttrium	89-2	1241423	1357361	1275031	1291272	4.62	cps
Zinc	66-2	187	320	207	238	30.24	cps
Zirconium	90-1	933	975	1033	981	5.12	cps
Zirconium	91-1	167	125	233	175	31.23	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-04	Instrumnet Name :	P8
Client Sample ID :	MW-106I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:57:57	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1460	1376	1354	1397	4.01	cps
Antimony	121-1	2392	2034	2384	2270	9.01	cps
Arsenic	75-2	754	759	729	747	2.15	cps
Barium	135-1	165793	168763	165278	166612	1.13	cps
Barium	137-1	286884	292244	284821	287983	1.33	cps
Beryllium	9-1	155	137	145	146	6.02	cps
Bismuth	209-1	8214014	8324929	8314258	8284400	0.74	cps
Bismuth	209-2	2238702	2162037	2148380	2183040	2.23	cps
Boron	10-1	439652	461395	469030	456693	3.34	cps
Boron	11-1	1937142	2083794	2001246	2007394	3.66	cps
Bromine	81-1	2438567	2931332	3147895	2839265	12.80	cps
Cadmium	111-1	5950	5710	5685	5782	2.53	cps
Cadmium	106-1	8378	8161	8019	8186	2.21	cps
Cadmium	108-1	50	88	58	65	30.17	cps
Calcium	43-1	525016	531805	524441	527087	0.78	cps
Calcium	44-1	8126249	8570415	8721140	8472601	3.65	cps
Carbon	12-1	12734913	14071383	14630362	13812219	7.05	cps
Carbon	12-2	123694	130812	132494	129000	3.62	cps
Chlorine	35-1	20174017	24639457	27460056	24091176	15.25	cps
Chlorine	35-2	143466	148458	154672	148865	3.77	cps
Chromium	52-2	1433	1380	1467	1427	3.06	cps
Cobalt	59-2	493	397	357	416	16.91	cps
Copper	63-2	5821	5421	5448	5563	4.02	cps
Dysprosium	156-1	108	158	108	125	23.09	cps
Dysprosium	156-2	27	17	27	23	24.74	cps
Erbium	164-1	142	117	167	142	17.65	cps
Erbium	164-2	53	53	33	47	24.75	cps
Gadolinium	160-1	233	283	192	236	19.44	cps
Gadolinium	160-2	93	87	93	91	4.22	cps
Holmium	165-1	15801241	15876867	15555464	15744524	1.07	cps
Holmium	165-2	3618570	3391535	3530072	3513392	3.26	cps
Indium	115-1	13671466	13082686	12629422	13127858	3.98	cps
Indium	115-2	985236	952124	946169	961176	2.19	cps
Iron	54-2	12411	11410	11788	11870	4.26	cps
Iron	56-2	206243	203244	206003	205163	0.81	cps
Iron	57-2	5507	5601	5490	5533	1.08	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-04	Instrumnet Name :	P8
Client Sample ID :	MW-106I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:57:57	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	794	796	865	818	4.94	cps
Lead	206-1	7180	7274	6919	7124	2.59	cps
Lead	207-1	5979	5857	6285	6040	3.65	cps
Lead	208-1	27617	27907	27651	27725	0.57	cps
Lithium	6-1	7898449	7777368	7958869	7878229	1.17	cps
Magnesium	24-2	6160380	6213949	6400801	6258377	2.02	cps
Manganese	55-2	12005	11488	11141	11545	3.77	cps
Molybdenum	94-1	31269	30985	33192	31815	3.77	cps
Molybdenum	95-1	55687	52408	56150	54748	3.73	cps
Molybdenum	96-1	57436	58039	59928	58468	2.22	cps
Molybdenum	97-1	32965	32096	33509	32857	2.17	cps
Molybdenum	98-1	87518	84693	85570	85927	1.68	cps
Neodymium	150-1	227	173	180	193	15.03	cps
Neodymium	150-2	30	17	23	23	28.56	cps
Nickel	60-2	477	513	470	487	4.80	cps
Phosphorus	31-2	8419	7852	7777	8016	4.38	cps
Potassium	39-2	3892481	3949314	3969323	3937039	1.01	cps
Rhodium	103-1	12220158	12174442	12047153	12147251	0.74	cps
Rhodium	103-2	2905728	2798243	2733413	2812462	3.09	cps
Scandium	45-1	10833127	11448507	11376298	11219310	3.00	cps
Scandium	45-2	216383	209323	208737	211481	2.01	cps
Selenium	82-1	1831	2213	2451	2165	14.45	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	31	49	40	40	22.51	cps
Silicon	28-1	27104929	27507843	27243144	27285305	0.75	cps
Silver	107-1	842	600	625	689	19.29	cps
Silver	109-1	992	558	600	717	33.36	cps
Sodium	23-2	243902914	238554572	244411772	242289753	1.34	cps
Strontium	86-1	1110538	1146297	1125883	1127573	1.59	cps
Strontium	88-1	9695625	9693669	9567450	9652248	0.76	cps
Sulfur	34-1	4285656	4205646	4209303	4233535	1.07	cps
Terbium	159-1	15543858	16285929	16527599	16119128	3.18	cps
Terbium	159-2	3843786	3686137	3677158	3735694	2.51	cps
Thallium	203-1	1492	1408	1392	1431	3.75	cps
Thallium	205-1	3651	2925	3326	3301	11.01	cps
Tin	118-1	6218	6493	6452	6388	2.32	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-04	Instrumnet Name :	P8
Client Sample ID :	MW-106I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 18:57:57	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3476	3676	3717	3623	3.57	cps
Uranium	238-1	16094	15777	16353	16075	1.79	cps
Vanadium	51-2	7222	7055	6988	7088	1.70	cps
Ytterbium	172-1	108	142	117	122	14.19	cps
Ytterbium	172-2	17	39	50	35	48.23	cps
Ytterbium	176-1	2559	2600	2359	2506	5.16	cps
Ytterbium	176-2	6163	6235	6235	6211	0.67	cps
Yttrium	89-1	22859346	23839013	23309402	23335920	2.10	cps
Yttrium	89-2	1307016	1235646	1229633	1257432	3.42	cps
Zinc	66-2	3444	3337	3454	3412	1.90	cps
Zirconium	90-1	2350	2275	3626	2750	27.59	cps
Zirconium	91-1	325	442	850	539	51.16	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-05	Instrumnet Name :	P8
Client Sample ID :	MW-106S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:01:02	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	655	611	675	647	5.04	cps
Antimony	121-1	1175	1258	1375	1270	7.91	cps
Arsenic	75-2	11	15	15	14	16.90	cps
Barium	135-1	237029	236222	239128	237460	0.63	cps
Barium	137-1	417701	416531	413581	415938	0.51	cps
Beryllium	9-1	200	127	169	165	21.98	cps
Bismuth	209-1	8066510	8326962	8049839	8147770	1.91	cps
Bismuth	209-2	2153145	2254997	2364966	2257703	4.69	cps
Boron	10-1	346684	362590	377299	362191	4.23	cps
Boron	11-1	1589325	1580796	1611867	1593996	1.01	cps
Bromine	81-1	1430791	1617930	1659668	1569463	7.77	cps
Cadmium	111-1	5697	5389	5382	5489	3.28	cps
Cadmium	106-1	8119	7636	7594	7783	3.75	cps
Cadmium	108-1	58	21	67	49	50.23	cps
Calcium	43-1	5940720	5765481	5743763	5816655	1.86	cps
Calcium	44-1	93716083	91451914	95247477	93471825	2.04	cps
Carbon	12-1	21097284	21970955	22828162	21965467	3.94	cps
Carbon	12-2	190501	197388	195674	194521	1.84	cps
Chlorine	35-1	18197881	19199782	19732769	19043477	4.09	cps
Chlorine	35-2	87682	88621	89032	88445	0.78	cps
Chromium	52-2	2374	2537	2320	2410	4.68	cps
Cobalt	59-2	373	317	340	343	8.30	cps
Copper	63-2	3054	3257	3227	3179	3.45	cps
Dysprosium	156-1	100	58	108	89	30.14	cps
Dysprosium	156-2	17	17	20	18	10.81	cps
Erbium	164-1	100	100	100	100	0.00	cps
Erbium	164-2	30	37	13	27	45.08	cps
Gadolinium	160-1	133	117	92	114	18.41	cps
Gadolinium	160-2	60	117	107	94	32.03	cps
Holmium	165-1	14616109	14840887	14813302	14756766	0.83	cps
Holmium	165-2	3395340	3548839	3678159	3540780	4.00	cps
Indium	115-1	12584840	13006051	12782988	12791293	1.65	cps
Indium	115-2	922326	961041	1020210	967859	5.09	cps
Iron	54-2	15709	15759	15803	15757	0.30	cps
Iron	56-2	272698	271183	272078	271987	0.28	cps
Iron	57-2	12189	12739	12267	12398	2.40	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-05	Instrumnet Name :	P8
Client Sample ID :	MW-106S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:01:02	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	775	790	797	787	1.45	cps
Lead	206-1	3234	3028	3606	3289	8.91	cps
Lead	207-1	3039	2656	2795	2830	6.86	cps
Lead	208-1	13320	12375	13364	13020	4.29	cps
Lithium	6-1	7602712	7648192	7425052	7558652	1.56	cps
Magnesium	24-2	6141302	6247813	5976930	6122015	2.23	cps
Manganese	55-2	149088	151143	145336	148522	1.98	cps
Molybdenum	94-1	2375	2459	2400	2411	1.77	cps
Molybdenum	95-1	2300	1859	2650	2270	17.48	cps
Molybdenum	96-1	2700	2417	2692	2603	6.19	cps
Molybdenum	97-1	1584	1225	1275	1361	14.26	cps
Molybdenum	98-1	3159	3209	3209	3192	0.90	cps
Neodymium	150-1	100	113	100	104	7.37	cps
Neodymium	150-2	23	10	3	12	83.33	cps
Nickel	60-2	973	900	810	894	9.15	cps
Phosphorus	31-2	7210	7244	7427	7294	1.60	cps
Potassium	39-2	2711104	2585702	2468871	2588559	4.68	cps
Rhodium	103-1	11975831	12305583	11849158	12043524	1.96	cps
Rhodium	103-2	2726377	2831376	3119070	2892274	7.03	cps
Scandium	45-1	10524756	10895651	10577990	10666132	1.88	cps
Scandium	45-2	203101	211523	219156	211260	3.80	cps
Selenium	82-1	1037	1089	1106	1077	3.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	42	40	37	17.22	cps
Silicon	28-1	91342742	92578117	89808812	91243224	1.52	cps
Silver	107-1	392	417	508	439	14.00	cps
Silver	109-1	400	292	417	369	18.37	cps
Sodium	23-2	95218365	99022765	95128798	96456642	2.30	cps
Strontium	86-1	3808071	3694789	3819291	3774050	1.82	cps
Strontium	88-1	32855522	31194358	31469904	31839928	2.80	cps
Sulfur	34-1	1863231	1793896	1805620	1820915	2.04	cps
Terbium	159-1	15189349	15151924	15138905	15160059	0.17	cps
Terbium	159-2	3577740	3606774	3939992	3708169	5.43	cps
Thallium	203-1	1158	1200	1175	1178	1.78	cps
Thallium	205-1	2550	2675	2725	2650	3.40	cps
Tin	118-1	9320	9445	9345	9370	0.71	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-05	Instrumnet Name :	P8
Client Sample ID :	MW-106S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:01:02	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3392	2775	3109	3092	9.99	cps
Uranium	238-1	11773	11380	11656	11603	1.73	cps
Vanadium	51-2	1370	1293	1207	1290	6.33	cps
Ytterbium	172-1	100	17	83	67	66.14	cps
Ytterbium	172-2	28	17	50	31	53.90	cps
Ytterbium	176-1	2592	2425	2459	2492	3.54	cps
Ytterbium	176-2	5585	6407	6563	6185	8.50	cps
Yttrium	89-1	22236580	21872575	22107026	22072060	0.84	cps
Yttrium	89-2	1203090	1239020	1311608	1251239	4.42	cps
Zinc	66-2	3374	3367	3440	3394	1.20	cps
Zirconium	90-1	3717	3192	3459	3456	7.60	cps
Zirconium	91-1	808	717	658	728	10.39	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-06	Instrumnet Name :	P8
Client Sample ID :	FB-08162022	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:04:06	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	249	264	237	250	5.27	cps
Antimony	121-1	508	400	358	422	18.34	cps
Arsenic	75-2	3	3	1	2	49.49	cps
Barium	135-1	100	75	142	106	31.91	cps
Barium	137-1	150	108	117	125	17.64	cps
Beryllium	9-1	139	104	109	117	16.16	cps
Bismuth	209-1	8374651	8374436	8883279	8544122	3.44	cps
Bismuth	209-2	2401695	2442567	2568078	2470780	3.51	cps
Boron	10-1	66352	61928	61630	63304	4.18	cps
Boron	11-1	299579	292704	272113	288132	4.96	cps
Bromine	81-1	377693	345069	322026	348263	8.03	cps
Cadmium	111-1	4963	5062	4790	4938	2.78	cps
Cadmium	106-1	7085	7210	6844	7046	2.65	cps
Cadmium	108-1	38	50	42	43	14.78	cps
Calcium	43-1	1430	850	827	1036	32.98	cps
Calcium	44-1	34411	25655	25944	28670	17.35	cps
Carbon	12-1	11293998	12317763	12859871	12157211	6.54	cps
Carbon	12-2	113285	117233	119029	116516	2.52	cps
Chlorine	35-1	8020307	7537667	7165467	7574480	5.66	cps
Chlorine	35-2	28571	28078	26174	27607	4.58	cps
Chromium	52-2	983	1040	1010	1011	2.80	cps
Cobalt	59-2	50	50	57	52	7.37	cps
Copper	63-2	2037	1957	1760	1918	7.42	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	58	58	50	28.88	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	142	58	108	103	40.81	cps
Gadolinium	160-2	80	63	80	74	12.93	cps
Holmium	165-1	13501864	13887569	14244278	13877904	2.68	cps
Holmium	165-2	3230001	3421792	3455096	3368963	3.61	cps
Indium	115-1	12439935	12786919	12660601	12629152	1.39	cps
Indium	115-2	940590	938749	1018384	965908	4.71	cps
Iron	54-2	3023	3250	3000	3091	4.48	cps
Iron	56-2	50127	49514	49068	49570	1.07	cps
Iron	57-2	1367	1339	1289	1332	2.96	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-06	Instrumnet Name :	P8
Client Sample ID :	FB-08162022	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:04:06	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	751	716	714	727	2.88	cps
Lead	206-1	2611	2367	2484	2487	4.92	cps
Lead	207-1	2072	2134	2067	2091	1.77	cps
Lead	208-1	9413	9568	9440	9474	0.88	cps
Lithium	6-1	7427326	7166323	7879136	7490928	4.81	cps
Magnesium	24-2	700	575	750	675	13.35	cps
Manganese	55-2	1647	1673	1800	1707	4.80	cps
Molybdenum	94-1	783	867	950	867	9.62	cps
Molybdenum	95-1	933	950	942	942	0.88	cps
Molybdenum	96-1	1417	1283	1200	1300	8.41	cps
Molybdenum	97-1	592	650	700	647	8.38	cps
Molybdenum	98-1	1708	1575	1442	1575	8.47	cps
Neodymium	150-1	7	33	13	18	78.05	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	273	257	280	270	4.45	cps
Phosphorus	31-2	6685	6493	6652	6610	1.55	cps
Potassium	39-2	12322	12247	11822	12130	2.22	cps
Rhodium	103-1	12009070	12254920	12807142	12357044	3.31	cps
Rhodium	103-2	2856318	2901948	3101567	2953278	4.42	cps
Scandium	45-1	10503662	10199726	10788735	10497374	2.81	cps
Scandium	45-2	192336	200633	213989	202319	5.40	cps
Selenium	82-1	124	207	166	166	25.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	31	27	29	7.26	cps
Silicon	28-1	1046906	1055455	1086222	1062861	1.95	cps
Silver	107-1	408	317	350	358	12.95	cps
Silver	109-1	325	333	308	322	3.95	cps
Sodium	23-2	70085	70303	71425	70604	1.02	cps
Strontium	86-1	2343	1425	1317	1695	33.26	cps
Strontium	88-1	10239	1575	1900	4571	107.42	cps
Sulfur	34-1	457896	452017	462248	457387	1.12	cps
Terbium	159-1	14743762	14966411	15156313	14955495	1.38	cps
Terbium	159-2	3479034	3571499	3754441	3601658	3.89	cps
Thallium	203-1	875	767	900	847	8.37	cps
Thallium	205-1	1967	2284	2259	2170	8.12	cps
Tin	118-1	2325	2350	2442	2372	2.59	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-06	Instrumnet Name :	P8
Client Sample ID :	FB-08162022	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:04:06	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	942	783	833	853	9.49	cps
Uranium	238-1	17	33	17	22	43.28	cps
Vanadium	51-2	13	27	17	19	36.75	cps
Ytterbium	172-1	58	67	67	64	7.54	cps
Ytterbium	172-2	33	11	6	17	88.17	cps
Ytterbium	176-1	2342	2450	2600	2464	5.27	cps
Ytterbium	176-2	5551	6102	6580	6077	8.47	cps
Yttrium	89-1	21596363	21025652	21540838	21387618	1.47	cps
Yttrium	89-2	1158895	1188770	1245024	1197563	3.65	cps
Zinc	66-2	970	970	880	940	5.53	cps
Zirconium	90-1	958	892	775	875	10.61	cps
Zirconium	91-1	217	142	158	172	22.87	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-01	Instrumnet Name :	P8
Client Sample ID :	MW-105D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:07:17	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2176	2234	2087	2166	3.40	cps
Antimony	121-1	1717	1750	1817	1761	2.89	cps
Arsenic	75-2	42	41	49	44	9.92	cps
Barium	135-1	23521	23104	22478	23034	2.28	cps
Barium	137-1	41548	41230	42493	41757	1.57	cps
Beryllium	9-1	114	109	112	112	2.33	cps
Bismuth	209-1	8356337	8699013	8695417	8583589	2.29	cps
Bismuth	209-2	2325212	2360451	2457851	2381171	2.89	cps
Boron	10-1	66215	66051	69604	67290	2.98	cps
Boron	11-1	306301	310742	313407	310150	1.16	cps
Bromine	81-1	225392	228934	229090	227805	0.92	cps
Cadmium	111-1	5580	5667	5561	5603	1.01	cps
Cadmium	106-1	7661	7652	7486	7600	1.30	cps
Cadmium	108-1	88	104	71	88	19.05	cps
Calcium	43-1	288523	290129	288213	288955	0.36	cps
Calcium	44-1	4619418	4702029	4748369	4689939	1.39	cps
Carbon	12-1	13026543	14173875	14584526	13928314	5.80	cps
Carbon	12-2	128837	129434	132252	130174	1.40	cps
Chlorine	35-1	4668286	4657858	4568929	4631691	1.18	cps
Chlorine	35-2	20014	18829	18504	19116	4.16	cps
Chromium	52-2	2277	2337	2134	2249	4.65	cps
Cobalt	59-2	770	673	797	747	8.69	cps
Copper	63-2	14621	14351	14708	14560	1.28	cps
Dysprosium	156-1	75	200	158	144	44.07	cps
Dysprosium	156-2	27	20	30	26	19.92	cps
Erbium	164-1	125	200	150	158	24.12	cps
Erbium	164-2	30	40	20	30	33.33	cps
Gadolinium	160-1	225	208	142	192	23.01	cps
Gadolinium	160-2	117	77	80	91	24.36	cps
Holmium	165-1	14005556	14786732	14562986	14451758	2.78	cps
Holmium	165-2	3382188	3357400	3336767	3358785	0.68	cps
Indium	115-1	12072062	13167844	12867442	12702449	4.46	cps
Indium	115-2	958453	972212	963637	964767	0.72	cps
Iron	54-2	48449	47512	46955	47639	1.58	cps
Iron	56-2	859962	849132	845587	851560	0.88	cps
Iron	57-2	21005	21455	21756	21405	1.77	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-01	Instrumnet Name :	P8
Client Sample ID :	MW-105D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:07:17	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	681	749	665	698	6.36	cps
Lead	206-1	16544	16789	16978	16770	1.30	cps
Lead	207-1	14136	13774	13780	13897	1.49	cps
Lead	208-1	65093	64291	65154	64846	0.74	cps
Lithium	6-1	7578183	7684448	7708831	7657154	0.91	cps
Magnesium	24-2	333495	330947	333805	332749	0.47	cps
Manganese	55-2	23072	22758	22161	22664	2.04	cps
Molybdenum	94-1	1167	1150	1433	1250	12.72	cps
Molybdenum	95-1	1442	1650	1525	1539	6.81	cps
Molybdenum	96-1	2084	1925	2250	2086	7.79	cps
Molybdenum	97-1	992	1033	767	931	15.42	cps
Molybdenum	98-1	2217	2700	2259	2392	11.20	cps
Neodymium	150-1	160	187	213	187	14.29	cps
Neodymium	150-2	30	37	40	36	14.32	cps
Nickel	60-2	1313	1223	1250	1262	3.66	cps
Phosphorus	31-2	7085	6969	6802	6952	2.05	cps
Potassium	39-2	2804577	2758075	2838578	2800410	1.44	cps
Rhodium	103-1	11856808	12453822	12010901	12107177	2.56	cps
Rhodium	103-2	2931562	2999368	2975284	2968738	1.16	cps
Scandium	45-1	10458231	10595463	10381181	10478292	1.04	cps
Scandium	45-2	199859	202952	202347	201719	0.81	cps
Selenium	82-1	167	155	181	168	7.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	26	42	35	23.39	cps
Silicon	28-1	5957402	6065720	5945788	5989637	1.10	cps
Silver	107-1	308	300	308	306	1.57	cps
Silver	109-1	183	242	183	203	16.61	cps
Sodium	23-2	4070516	4082462	4067722	4073567	0.19	cps
Strontium	86-1	504529	511738	517816	511361	1.30	cps
Strontium	88-1	4328366	4286918	4414057	4343114	1.49	cps
Sulfur	34-1	545552	537761	544083	542465	0.76	cps
Terbium	159-1	14582311	15295081	14709093	14862162	2.56	cps
Terbium	159-2	3660862	3595806	3725353	3660674	1.77	cps
Thallium	203-1	883	775	1008	889	13.14	cps
Thallium	205-1	1992	2225	2050	2089	5.81	cps
Tin	118-1	4634	4576	4834	4681	2.90	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-01	Instrumnet Name :	P8
Client Sample ID :	MW-105D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:07:17	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2434	2667	2867	2656	8.17	cps
Uranium	238-1	433	650	550	544	19.92	cps
Vanadium	51-2	800	703	757	753	6.43	cps
Ytterbium	172-1	92	133	108	111	18.88	cps
Ytterbium	172-2	22	17	28	22	25.00	cps
Ytterbium	176-1	2317	2600	2434	2450	5.81	cps
Ytterbium	176-2	5846	5885	6179	5970	3.05	cps
Yttrium	89-1	21087229	21331615	21458915	21292586	0.89	cps
Yttrium	89-2	1215029	1215615	1220414	1217019	0.24	cps
Zinc	66-2	138579	135627	133148	135784	2.00	cps
Zirconium	90-1	1267	1108	958	1111	13.88	cps
Zirconium	91-1	200	208	208	206	2.34	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-02	Instrumnet Name :	P8
Client Sample ID :	MW-105I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:10:26	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1401	1375	1390	1389	0.95	cps
Antimony	121-1	1250	1258	1392	1300	6.12	cps
Arsenic	75-2	467	451	462	460	1.78	cps
Barium	135-1	364114	386887	374060	375020	3.04	cps
Barium	137-1	649313	663870	643001	652061	1.64	cps
Beryllium	9-1	117	114	135	122	9.29	cps
Bismuth	209-1	8392554	8039734	7943731	8125340	2.91	cps
Bismuth	209-2	2040673	2130755	2071025	2080817	2.20	cps
Boron	10-1	345622	370147	367124	360965	3.70	cps
Boron	11-1	1502275	1691511	1633896	1609227	6.03	cps
Bromine	81-1	1622066	1963654	2154342	1913354	14.09	cps
Cadmium	111-1	5836	5679	5266	5594	5.27	cps
Cadmium	106-1	8286	7986	7411	7894	5.64	cps
Cadmium	108-1	50	75	25	50	50.00	cps
Calcium	43-1	957935	958932	955532	957466	0.18	cps
Calcium	44-1	15681327	15370428	15357298	15469684	1.19	cps
Carbon	12-1	17456137	19249046	19241831	18649005	5.54	cps
Carbon	12-2	166613	160941	161842	163132	1.87	cps
Chlorine	35-1	12375680	14319018	15596878	14097192	11.51	cps
Chlorine	35-2	74401	76318	78279	76332	2.54	cps
Chromium	52-2	11381	10981	10641	11001	3.37	cps
Cobalt	59-2	1097	987	957	1013	7.27	cps
Copper	63-2	7759	6942	7032	7244	6.18	cps
Dysprosium	156-1	83	167	150	133	33.07	cps
Dysprosium	156-2	23	20	30	24	20.83	cps
Erbium	164-1	192	192	167	183	7.87	cps
Erbium	164-2	40	23	23	29	33.32	cps
Gadolinium	160-1	250	233	183	222	15.61	cps
Gadolinium	160-2	123	120	80	108	22.38	cps
Holmium	165-1	14850853	14231871	14591944	14558223	2.14	cps
Holmium	165-2	3211400	3283033	3159347	3217927	1.93	cps
Indium	115-1	12554590	12445906	12451725	12484073	0.49	cps
Indium	115-2	908304	888959	882167	893144	1.52	cps
Iron	54-2	99160	95780	95216	96719	2.21	cps
Iron	56-2	1876640	1788848	1761705	1809064	3.32	cps
Iron	57-2	44191	43338	42842	43457	1.57	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-02	Instrumnet Name :	P8
Client Sample ID :	MW-105I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:10:26	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	700	692	679	690	1.56	cps
Lead	206-1	10254	10632	9993	10293	3.12	cps
Lead	207-1	8536	8503	8325	8455	1.34	cps
Lead	208-1	38990	39802	38401	39064	1.80	cps
Lithium	6-1	7672314	7701152	7398843	7590770	2.20	cps
Magnesium	24-2	7697315	7564510	7444280	7568702	1.67	cps
Manganese	55-2	28960	27463	28128	28184	2.66	cps
Molybdenum	94-1	18446	18613	19314	18791	2.45	cps
Molybdenum	95-1	32205	32171	31236	31871	1.73	cps
Molybdenum	96-1	34510	34276	35655	34814	2.12	cps
Molybdenum	97-1	20541	19915	20190	20215	1.55	cps
Molybdenum	98-1	50025	49883	49732	49880	0.29	cps
Neodymium	150-1	280	220	200	233	17.84	cps
Neodymium	150-2	20	13	23	19	26.96	cps
Nickel	60-2	2440	2364	2220	2341	4.77	cps
Phosphorus	31-2	7010	6835	7219	7021	2.73	cps
Potassium	39-2	3681241	3514303	3482474	3559339	3.00	cps
Rhodium	103-1	11854498	11303166	11625164	11594276	2.39	cps
Rhodium	103-2	2715070	2690234	2664785	2690029	0.93	cps
Scandium	45-1	10812341	10524349	10569934	10635541	1.46	cps
Scandium	45-2	192438	192845	188244	191176	1.33	cps
Selenium	82-1	1087	1456	1562	1369	18.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	32	38	36	35	8.65	cps
Silicon	28-1	39938225	41151524	39214529	40101426	2.44	cps
Silver	107-1	400	317	367	361	11.61	cps
Silver	109-1	250	275	217	247	11.84	cps
Sodium	23-2	124901803	117655969	114660961	119072911	4.42	cps
Strontium	86-1	2116591	2058363	2075777	2083577	1.43	cps
Strontium	88-1	17496516	17582913	17993307	17690912	1.50	cps
Sulfur	34-1	1527050	1521831	1485080	1511321	1.51	cps
Terbium	159-1	15308661	15201426	15278398	15262829	0.36	cps
Terbium	159-2	3389981	3385236	3388448	3387888	0.07	cps
Thallium	203-1	933	667	792	797	16.74	cps
Thallium	205-1	2125	2042	1850	2006	7.03	cps
Tin	118-1	2984	3175	3184	3114	3.63	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-02	Instrumnet Name :	P8
Client Sample ID :	MW-105I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:10:26	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2700	2767	2984	2817	5.26	cps
Uranium	238-1	26169	25134	25067	25457	2.43	cps
Vanadium	51-2	1213	1280	1173	1222	4.41	cps
Ytterbium	172-1	117	133	117	122	7.87	cps
Ytterbium	172-2	39	22	11	24	58.08	cps
Ytterbium	176-1	2559	2542	2334	2478	5.06	cps
Ytterbium	176-2	5696	5590	5901	5729	2.76	cps
Yttrium	89-1	21559374	21180714	21909151	21549746	1.69	cps
Yttrium	89-2	1140821	1179528	1146348	1155565	1.81	cps
Zinc	66-2	21026	20358	20745	20710	1.62	cps
Zirconium	90-1	1842	1475	1475	1597	13.27	cps
Zirconium	91-1	267	250	267	261	3.69	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-03	Instrumnet Name :	P8
Client Sample ID :	MW-105S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:13:30	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	841	814	747	801	6.02	cps
Antimony	121-1	975	833	958	922	8.40	cps
Arsenic	75-2	38	25	35	33	20.84	cps
Barium	135-1	202563	209449	203189	205067	1.86	cps
Barium	137-1	363916	355423	352519	357286	1.66	cps
Beryllium	9-1	92	110	97	100	9.01	cps
Bismuth	209-1	8089729	8090003	8111346	8097026	0.15	cps
Bismuth	209-2	2195011	2380178	2136483	2237224	5.69	cps
Boron	10-1	350339	362101	367004	359815	2.38	cps
Boron	11-1	1487853	1588112	1615851	1563939	4.31	cps
Bromine	81-1	1694703	1933532	2049810	1892682	9.57	cps
Cadmium	111-1	5014	5319	5485	5273	4.54	cps
Cadmium	106-1	7094	7577	7819	7497	4.93	cps
Cadmium	108-1	50	63	54	56	11.46	cps
Calcium	43-1	3009857	2881812	2965402	2952357	2.20	cps
Calcium	44-1	48085056	46777715	46305967	47056246	1.96	cps
Carbon	12-1	22854232	23816517	24741157	23803969	3.96	cps
Carbon	12-2	208584	205221	209183	207663	1.03	cps
Chlorine	35-1	15803021	16839863	17834300	16825728	6.04	cps
Chlorine	35-2	84665	86165	87036	85955	1.40	cps
Chromium	52-2	2604	2694	2390	2562	6.08	cps
Cobalt	59-2	550	580	640	590	7.77	cps
Copper	63-2	5251	5011	5268	5177	2.78	cps
Dysprosium	156-1	125	142	133	133	6.25	cps
Dysprosium	156-2	27	40	37	34	20.14	cps
Erbium	164-1	175	150	167	164	7.77	cps
Erbium	164-2	40	27	43	37	24.04	cps
Gadolinium	160-1	233	150	250	211	25.38	cps
Gadolinium	160-2	77	130	117	108	25.75	cps
Holmium	165-1	14854814	14534407	15243015	14877412	2.39	cps
Holmium	165-2	3444327	3417155	3286136	3382539	2.50	cps
Indium	115-1	12533941	12776725	12804054	12704907	1.17	cps
Indium	115-2	939592	982749	913547	945296	3.70	cps
Iron	54-2	17889	17984	18073	17982	0.51	cps
Iron	56-2	315559	317832	320417	317936	0.76	cps
Iron	57-2	10904	10882	10671	10819	1.19	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-03	Instrumnet Name :	P8
Client Sample ID :	MW-105S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:13:30	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	757	697	761	739	4.84	cps
Lead	206-1	3878	3701	3695	3758	2.78	cps
Lead	207-1	3417	2867	3173	3152	8.74	cps
Lead	208-1	15065	13898	14526	14496	4.03	cps
Lithium	6-1	7548114	7330566	7757566	7545415	2.83	cps
Magnesium	24-2	7225511	6974635	7212809	7137652	1.98	cps
Manganese	55-2	94102	94071	92029	93401	1.27	cps
Molybdenum	94-1	2842	2517	2792	2717	6.44	cps
Molybdenum	95-1	875	808	917	867	6.31	cps
Molybdenum	96-1	1400	1558	1217	1392	12.29	cps
Molybdenum	97-1	433	492	450	458	6.56	cps
Molybdenum	98-1	1242	1050	1267	1186	9.99	cps
Neodymium	150-1	140	200	200	180	19.25	cps
Neodymium	150-2	13	40	47	33	52.92	cps
Nickel	60-2	530	633	593	586	8.90	cps
Phosphorus	31-2	8511	8269	7677	8152	5.26	cps
Potassium	39-2	3280570	3246428	3140652	3222550	2.26	cps
Rhodium	103-1	11744632	11828123	12120288	11897681	1.66	cps
Rhodium	103-2	2772077	2930075	2709907	2804019	4.05	cps
Scandium	45-1	10521669	10432478	10908156	10620768	2.38	cps
Scandium	45-2	205285	206731	198519	203512	2.15	cps
Selenium	82-1	1316	1530	1452	1433	7.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	34	42	38	10.54	cps
Silicon	28-1	64050345	64027062	62084116	63387174	1.78	cps
Silver	107-1	375	433	342	383	12.10	cps
Silver	109-1	258	200	225	228	12.85	cps
Sodium	23-2	127153457	121023249	123250336	123809014	2.51	cps
Strontium	86-1	2807259	2717840	2678422	2734507	2.41	cps
Strontium	88-1	23465847	22704982	23281564	23150798	1.71	cps
Sulfur	34-1	1000299	999232	986078	995203	0.80	cps
Terbium	159-1	15360774	15115986	15130873	15202544	0.90	cps
Terbium	159-2	3564547	3798530	3471004	3611360	4.67	cps
Thallium	203-1	717	700	650	689	5.04	cps
Thallium	205-1	1558	1800	1917	1759	10.40	cps
Tin	118-1	3009	3317	3401	3242	6.37	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-03	Instrumnet Name :	P8
Client Sample ID :	MW-105S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:13:30	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4017	4376	4709	4367	7.92	cps
Uranium	238-1	6994	7169	6860	7008	2.21	cps
Vanadium	51-2	1593	1797	1813	1735	7.06	cps
Ytterbium	172-1	150	167	133	150	11.11	cps
Ytterbium	172-2	39	22	28	30	28.65	cps
Ytterbium	176-1	2309	2459	2400	2389	3.17	cps
Ytterbium	176-2	5740	6335	5796	5957	5.51	cps
Yttrium	89-1	21236354	21455560	22058261	21583391	1.97	cps
Yttrium	89-2	1223701	1281374	1190642	1231905	3.73	cps
Zinc	66-2	7752	7532	7509	7598	1.77	cps
Zirconium	90-1	6327	6252	6960	6513	5.98	cps
Zirconium	91-1	1400	1367	1258	1342	5.52	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04	Instrumnet Name :	P8
Client Sample ID :	MW-104D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:19:41	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	556	524	490	523	6.33	cps
Antimony	121-1	9429	11914	11939	11094	13.00	cps
Arsenic	75-2	86	96	126	103	20.27	cps
Barium	135-1	121762	126011	113754	120509	5.16	cps
Barium	137-1	211725	218170	194231	208042	5.95	cps
Beryllium	9-1	79	99	89	89	11.27	cps
Bismuth	209-1	7028144	7012626	6471279	6837350	4.64	cps
Bismuth	209-2	1792238	1859957	1729327	1793841	3.64	cps
Boron	10-1	1125410	1157216	1139624	1140750	1.40	cps
Boron	11-1	5247755	5769551	5494407	5503904	4.74	cps
Bromine	81-1	9815726	11537971	12191325	11181674	10.98	cps
Cadmium	111-1	5046	5227	4785	5019	4.43	cps
Cadmium	106-1	7227	7477	6860	7188	4.32	cps
Cadmium	108-1	108	158	138	135	18.64	cps
Calcium	43-1	3865326	3967575	3609960	3814287	4.83	cps
Calcium	44-1	60411405	63080236	58145687	60545776	4.08	cps
Carbon	12-1	14021365	15129156	15486601	14879041	5.13	cps
Carbon	12-2	136388	139290	137699	137792	1.05	cps
Chlorine	35-1	154731324	196872434	198380104	183327954	13.52	cps
Chlorine	35-2	1185810	1228856	1259561	1224743	3.02	cps
Chromium	52-2	3340	3697	3477	3505	5.14	cps
Cobalt	59-2	4614	4661	4444	4573	2.49	cps
Copper	63-2	2994	3187	3067	3083	3.17	cps
Dysprosium	156-1	308	333	358	333	7.50	cps
Dysprosium	156-2	83	60	87	77	18.95	cps
Erbium	164-1	442	408	450	433	5.09	cps
Erbium	164-2	70	83	90	81	12.55	cps
Gadolinium	160-1	400	350	392	381	7.04	cps
Gadolinium	160-2	130	170	143	148	13.78	cps
Holmium	165-1	14229320	14396144	13254857	13960107	4.42	cps
Holmium	165-2	3327291	3252998	2932479	3170922	6.62	cps
Indium	115-1	11515905	12220941	10700822	11479223	6.63	cps
Indium	115-2	856101	903458	792734	850764	6.53	cps
Iron	54-2	157555	155118	159187	157287	1.30	cps
Iron	56-2	2946868	2941975	3003419	2964087	1.15	cps
Iron	57-2	73639	74539	75823	74667	1.47	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04	Instrumnet Name :	P8
Client Sample ID :	MW-104D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:19:41	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2301	2850	2587	2580	10.64	cps
Lead	206-1	3406	3795	4051	3751	8.65	cps
Lead	207-1	3089	3351	3312	3250	4.33	cps
Lead	208-1	13458	14937	15354	14583	6.83	cps
Lithium	6-1	6386641	6688992	6015857	6363830	5.30	cps
Magnesium	24-2	52591390	53468943	54476280	53512204	1.76	cps
Manganese	55-2	2406198	2415314	2463264	2428259	1.26	cps
Molybdenum	94-1	15275	16285	14349	15303	6.33	cps
Molybdenum	95-1	17929	17612	16827	17456	3.25	cps
Molybdenum	96-1	19714	20215	17862	19264	6.43	cps
Molybdenum	97-1	10671	11530	10696	10966	4.46	cps
Molybdenum	98-1	26250	27127	23746	25708	6.83	cps
Neodymium	150-1	300	480	373	384	23.54	cps
Neodymium	150-2	53	53	60	56	6.93	cps
Nickel	60-2	3054	3277	3257	3196	3.87	cps
Phosphorus	31-2	6535	6918	6493	6649	3.52	cps
Potassium	39-2	13634106	14020316	14135160	13929861	1.88	cps
Rhodium	103-1	10349990	10672742	9452167	10158300	6.23	cps
Rhodium	103-2	2412902	2494080	2153213	2353398	7.57	cps
Scandium	45-1	10105960	10801689	9592360	10166670	5.97	cps
Scandium	45-2	194388	204582	181093	193355	6.09	cps
Selenium	82-1	5306	6313	6676	6098	11.64	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	41	44	36	40	10.02	cps
Silicon	28-1	46405883	48384552	42476638	45755691	6.57	cps
Silver	107-1	2110	1525	1784	1806	16.22	cps
Silver	109-1	2051	1550	1909	1837	14.06	cps
Sodium	23-2	1129308892	1118301158	1138697392	1128769147	0.90	cps
Strontium	86-1	6825751	6813663	6240776	6626730	5.04	cps
Strontium	88-1	56206718	59534914	53610562	56450731	5.26	cps
Sulfur	34-1	10797609	11321876	9875451	10664979	6.87	cps
Terbium	159-1	14743545	15823678	13529159	14698794	7.81	cps
Terbium	159-2	3347753	3394324	3117822	3286633	4.50	cps
Thallium	203-1	1167	1525	2250	1647	33.51	cps
Thallium	205-1	2884	3784	5251	3973	30.08	cps
Tin	118-1	8761	13449	13649	11953	23.14	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04	Instrumnet Name :	P8
Client Sample ID :	MW-104D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:19:41	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7777	9395	8711	8628	9.41	cps
Uranium	238-1	111992	116873	107127	111998	4.35	cps
Vanadium	51-2	257	233	277	256	8.49	cps
Ytterbium	172-1	300	250	292	281	9.55	cps
Ytterbium	172-2	44	83	72	67	30.04	cps
Ytterbium	176-1	2492	2175	2359	2342	6.79	cps
Ytterbium	176-2	5490	6079	4968	5512	10.09	cps
Yttrium	89-1	21393802	22673380	19703690	21256957	7.01	cps
Yttrium	89-2	1196054	1209167	1079357	1161526	6.15	cps
Zinc	66-2	4201	4384	4497	4361	3.43	cps
Zirconium	90-1	16535	16894	15267	16232	5.27	cps
Zirconium	91-1	3942	3576	3909	3809	5.32	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-05	Instrumnet Name :	P8
Client Sample ID :	MW-104I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:22:42	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1106	1072	1086	1088	1.56	cps
Antimony	121-1	1708	1834	1759	1767	3.56	cps
Arsenic	75-2	1159	1161	1178	1166	0.90	cps
Barium	135-1	583388	605057	596853	595099	1.84	cps
Barium	137-1	1018458	1047840	1055647	1040648	1.88	cps
Beryllium	9-1	105	91	89	95	9.21	cps
Bismuth	209-1	8374787	8382136	8509567	8422164	0.90	cps
Bismuth	209-2	2286956	2223414	2338323	2282897	2.52	cps
Boron	10-1	415472	422918	411945	416778	1.34	cps
Boron	11-1	1952146	1822057	1750708	1841637	5.55	cps
Bromine	81-1	2694438	2834601	2820476	2783172	2.77	cps
Cadmium	111-1	5962	5958	5781	5900	1.75	cps
Cadmium	106-1	8386	8370	8219	8325	1.10	cps
Cadmium	108-1	54	54	79	63	23.09	cps
Calcium	43-1	943497	944613	929579	939229	0.89	cps
Calcium	44-1	15385475	15192471	15274363	15284103	0.63	cps
Carbon	12-1	13506083	14491038	15081660	14359594	5.54	cps
Carbon	12-2	125181	129409	133048	129213	3.05	cps
Chlorine	35-1	61958116	62154166	59115272	61075851	2.78	cps
Chlorine	35-2	231330	212772	216199	220100	4.49	cps
Chromium	52-2	2554	2287	2467	2436	5.59	cps
Cobalt	59-2	3904	3887	3754	3848	2.14	cps
Copper	63-2	4601	4554	4674	4610	1.31	cps
Dysprosium	156-1	183	75	42	100	74.07	cps
Dysprosium	156-2	23	10	7	13	66.12	cps
Erbium	164-1	100	142	208	150	36.43	cps
Erbium	164-2	27	13	13	18	43.33	cps
Gadolinium	160-1	167	142	133	147	11.78	cps
Gadolinium	160-2	90	93	93	92	2.08	cps
Holmium	165-1	15210746	15512198	15866375	15529773	2.11	cps
Holmium	165-2	3636044	3340960	3605880	3527628	4.60	cps
Indium	115-1	12988767	12999042	13430972	13139594	1.92	cps
Indium	115-2	982966	941388	1012746	979033	3.66	cps
Iron	54-2	240520	236636	236998	238051	0.90	cps
Iron	56-2	4368811	4667114	4515983	4517303	3.30	cps
Iron	57-2	108809	109967	110208	109661	0.68	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-05	Instrumnet Name :	P8
Client Sample ID :	MW-104I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:22:42	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	851	890	866	869	2.25	cps
Lead	206-1	9042	8853	8692	8862	1.98	cps
Lead	207-1	7486	7347	7413	7415	0.94	cps
Lead	208-1	34813	34786	34140	34580	1.10	cps
Lithium	6-1	7944012	8093429	8502984	8180141	3.54	cps
Magnesium	24-2	7984691	7758428	7972980	7905366	1.61	cps
Manganese	55-2	749416	755162	752146	752242	0.38	cps
Molybdenum	94-1	16685	16710	17111	16836	1.42	cps
Molybdenum	95-1	29716	29616	29491	29607	0.38	cps
Molybdenum	96-1	30509	31261	31620	31130	1.82	cps
Molybdenum	97-1	17537	17486	17603	17542	0.33	cps
Molybdenum	98-1	45266	44966	45768	45333	0.89	cps
Neodymium	150-1	147	140	207	164	22.33	cps
Neodymium	150-2	7	47	20	24	83.31	cps
Nickel	60-2	1267	1397	1333	1332	4.88	cps
Phosphorus	31-2	7677	7794	8094	7855	2.74	cps
Potassium	39-2	4113030	4148407	4135083	4132173	0.43	cps
Rhodium	103-1	12285883	12053999	12892773	12410885	3.49	cps
Rhodium	103-2	2870162	2780338	2994292	2881598	3.73	cps
Scandium	45-1	11030146	11473362	11299879	11267796	1.98	cps
Scandium	45-2	215255	203238	217756	212083	3.66	cps
Selenium	82-1	1893	1945	1969	1935	2.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	37	39	38	3.07	cps
Silicon	28-1	50501951	49840933	50193733	50178873	0.66	cps
Silver	107-1	1533	900	750	1061	39.19	cps
Silver	109-1	1192	717	558	822	40.09	cps
Sodium	23-2	139037753	138765357	137633795	138478968	0.54	cps
Strontium	86-1	1675168	1691304	1678847	1681773	0.50	cps
Strontium	88-1	14332275	14195357	14146512	14224715	0.68	cps
Sulfur	34-1	3076420	3077489	3015040	3056316	1.17	cps
Terbium	159-1	15855881	16110026	16705532	16223813	2.69	cps
Terbium	159-2	3678618	3679494	3818128	3725414	2.16	cps
Thallium	203-1	2142	2184	2050	2125	3.21	cps
Thallium	205-1	5726	4918	4768	5137	10.04	cps
Tin	118-1	6435	6268	6910	6538	5.09	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-05	Instrumnet Name :	P8
Client Sample ID :	MW-104I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:22:42	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3576	3242	3084	3300	7.61	cps
Uranium	238-1	12890	13124	13357	13124	1.78	cps
Vanadium	51-2	393	360	310	354	11.83	cps
Ytterbium	172-1	83	83	133	100	28.87	cps
Ytterbium	172-2	33	17	6	19	75.47	cps
Ytterbium	176-1	2575	2375	2992	2648	11.89	cps
Ytterbium	176-2	6341	6329	6468	6379	1.21	cps
Yttrium	89-1	22974968	23561765	23581567	23372767	1.47	cps
Yttrium	89-2	1272894	1221599	1317875	1270789	3.79	cps
Zinc	66-2	4054	4061	3971	4028	1.25	cps
Zirconium	90-1	1492	1550	1292	1445	9.38	cps
Zirconium	91-1	317	317	375	336	10.02	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-06	Instrumnet Name :	P8
Client Sample ID :	MW-103D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:25:45	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1260	1239	1176	1225	3.55	cps
Antimony	121-1	1100	1067	1167	1111	4.58	cps
Arsenic	75-2	211	242	250	234	8.79	cps
Barium	135-1	134501	135645	133608	134585	0.76	cps
Barium	137-1	234603	237066	232535	234735	0.97	cps
Beryllium	9-1	95	101	92	96	4.68	cps
Bismuth	209-1	8233284	7841317	8250836	8108479	2.86	cps
Bismuth	209-2	2271639	2326891	2146067	2248199	4.12	cps
Boron	10-1	340809	349289	347377	345825	1.29	cps
Boron	11-1	1457900	1571438	1512646	1513995	3.75	cps
Bromine	81-1	2592262	2945787	3125107	2887719	9.39	cps
Cadmium	111-1	5806	5658	5714	5726	1.31	cps
Cadmium	106-1	8253	8028	8094	8125	1.42	cps
Cadmium	108-1	71	33	75	60	38.43	cps
Calcium	43-1	417189	421360	414973	417841	0.78	cps
Calcium	44-1	6976235	7022999	6625793	6875009	3.16	cps
Carbon	12-1	12517524	13456269	14443583	13472459	7.15	cps
Carbon	12-2	124988	125300	126147	125478	0.48	cps
Chlorine	35-1	37800287	40845988	42205571	40283949	5.60	cps
Chlorine	35-2	197833	202816	201168	200606	1.27	cps
Chromium	52-2	3277	2937	3274	3163	6.18	cps
Cobalt	59-2	753	747	793	764	3.30	cps
Copper	63-2	8052	7752	7539	7781	3.32	cps
Dysprosium	156-1	67	42	50	53	24.12	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	58	92	92	81	23.89	cps
Erbium	164-2	17	17	33	22	43.28	cps
Gadolinium	160-1	108	133	108	117	12.37	cps
Gadolinium	160-2	73	63	93	77	19.93	cps
Holmium	165-1	15782611	14583515	15457645	15274590	4.06	cps
Holmium	165-2	3593633	3642490	3535928	3590684	1.49	cps
Indium	115-1	13169596	12930738	12851091	12983808	1.28	cps
Indium	115-2	999401	998703	971812	989972	1.59	cps
Iron	54-2	12606	12811	12417	12611	1.57	cps
Iron	56-2	218327	219600	213907	217278	1.38	cps
Iron	57-2	5534	5957	5679	5723	3.75	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-06	Instrumnet Name :	P8
Client Sample ID :	MW-103D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:25:45	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	845	830	746	807	6.59	cps
Lead	206-1	5957	6040	6402	6133	3.85	cps
Lead	207-1	4929	5157	5090	5059	2.32	cps
Lead	208-1	23464	23370	23875	23570	1.14	cps
Lithium	6-1	8006800	7594564	7689289	7763551	2.78	cps
Magnesium	24-2	2754590	2687327	2704535	2715484	1.29	cps
Manganese	55-2	313556	314493	306498	311516	1.40	cps
Molybdenum	94-1	7035	7611	7244	7297	3.99	cps
Molybdenum	95-1	12873	12222	12931	12676	3.11	cps
Molybdenum	96-1	13540	12798	13015	13118	2.91	cps
Molybdenum	97-1	7452	7677	7594	7574	1.50	cps
Molybdenum	98-1	19664	19956	20733	20118	2.74	cps
Neodymium	150-1	80	67	133	93	37.80	cps
Neodymium	150-2	10	13	17	13	25.01	cps
Nickel	60-2	1007	977	940	974	3.43	cps
Phosphorus	31-2	7369	7085	6860	7105	3.59	cps
Potassium	39-2	3157198	3137643	3115790	3136877	0.66	cps
Rhodium	103-1	12131858	11691693	12314586	12046046	2.66	cps
Rhodium	103-2	2921813	2977612	2842123	2913850	2.34	cps
Scandium	45-1	11588264	10948632	11095435	11210777	2.99	cps
Scandium	45-2	213637	217387	202312	211112	3.72	cps
Selenium	82-1	2063	2119	2538	2240	11.59	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	45	50	38	44	13.61	cps
Silicon	28-1	46652985	47244877	47848809	47248891	1.27	cps
Silver	107-1	608	717	525	617	15.59	cps
Silver	109-1	475	475	675	542	21.32	cps
Sodium	23-2	233975489	234147780	235373672	234498980	0.33	cps
Strontium	86-1	590884	599938	584727	591850	1.29	cps
Strontium	88-1	5039861	5154478	5170995	5121778	1.39	cps
Sulfur	34-1	3749778	3686513	3765790	3734027	1.12	cps
Terbium	159-1	16384914	15271399	15982229	15879514	3.55	cps
Terbium	159-2	3793092	3886542	3606500	3762045	3.79	cps
Thallium	203-1	1208	1225	1267	1233	2.44	cps
Thallium	205-1	3150	2842	3167	3053	6.00	cps
Tin	118-1	3926	4209	4067	4067	3.48	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-06	Instrumnet Name :	P8
Client Sample ID :	MW-103D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:25:45	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3259	3601	3384	3414	5.06	cps
Uranium	238-1	11789	11806	12064	11886	1.30	cps
Vanadium	51-2	1920	1827	1877	1875	2.49	cps
Ytterbium	172-1	150	108	92	117	25.75	cps
Ytterbium	172-2	22	22	39	28	34.65	cps
Ytterbium	176-1	2617	2425	2450	2498	4.17	cps
Ytterbium	176-2	6507	6474	6535	6505	0.47	cps
Yttrium	89-1	23338447	22546146	23380453	23088349	2.04	cps
Yttrium	89-2	1296211	1369590	1241192	1302331	4.95	cps
Zinc	66-2	3467	3594	3490	3517	1.92	cps
Zirconium	90-1	983	967	1275	1075	16.13	cps
Zirconium	91-1	192	242	250	228	13.85	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07	Instrumnet Name :	P8
Client Sample ID :	MW-103I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:35:15	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	720	797	717	745	6.11	cps
Antimony	121-1	1317	1267	1317	1300	2.22	cps
Arsenic	75-2	930	1051	969	983	6.28	cps
Barium	135-1	597063	656179	660625	637956	5.56	cps
Barium	137-1	1043062	1147925	1148065	1113017	5.44	cps
Beryllium	9-1	81	96	96	91	9.49	cps
Bismuth	209-1	7959386	8467683	8648529	8358533	4.27	cps
Bismuth	209-2	2263387	2678734	2479495	2473872	8.40	cps
Boron	10-1	412629	423448	434264	423447	2.55	cps
Boron	11-1	1783216	1945256	1902065	1876846	4.47	cps
Bromine	81-1	3553135	3916115	4116904	3862052	7.40	cps
Cadmium	111-1	5659	5788	6220	5889	4.99	cps
Cadmium	106-1	8011	8203	8811	8342	5.01	cps
Cadmium	108-1	33	29	50	38	29.40	cps
Calcium	43-1	3001743	3247318	3367402	3205488	5.81	cps
Calcium	44-1	47991035	51579674	53251330	50940680	5.28	cps
Carbon	12-1	19538115	20637641	20511909	20229222	2.97	cps
Carbon	12-2	178753	180204	182549	180502	1.06	cps
Chlorine	35-1	68719087	71397504	73555956	71224182	3.40	cps
Chlorine	35-2	303566	317004	301712	307428	2.71	cps
Chromium	52-2	3140	3494	3434	3356	5.64	cps
Cobalt	59-2	1130	1207	1077	1138	5.74	cps
Copper	63-2	4387	4631	4631	4550	3.09	cps
Dysprosium	156-1	125	50	42	72	63.55	cps
Dysprosium	156-2	7	17	10	11	45.82	cps
Erbium	164-1	133	108	217	153	37.13	cps
Erbium	164-2	13	37	33	28	45.44	cps
Gadolinium	160-1	200	192	133	175	20.76	cps
Gadolinium	160-2	73	103	130	102	27.74	cps
Holmium	165-1	14620994	16218400	16756657	15865350	7.00	cps
Holmium	165-2	3658542	4285857	4001117	3981839	7.89	cps
Indium	115-1	12156784	14048281	14093302	13432789	8.23	cps
Indium	115-2	1019364	1184963	1120093	1108140	7.53	cps
Iron	54-2	94674	104296	101150	100040	4.90	cps
Iron	56-2	1732215	1906331	1847330	1828626	4.84	cps
Iron	57-2	45450	49436	46576	47154	4.36	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07	Instrumnet Name :	P8
Client Sample ID :	MW-103I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:35:15	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	815	927	815	852	7.62	cps
Lead	206-1	4790	4968	4901	4886	1.84	cps
Lead	207-1	4101	4101	4012	4071	1.26	cps
Lead	208-1	18422	19595	19156	19058	3.11	cps
Lithium	6-1	7401055	7900535	8060063	7787218	4.42	cps
Magnesium	24-2	15546852	17202386	16185703	16311647	5.12	cps
Manganese	55-2	745411	827188	787739	786779	5.20	cps
Molybdenum	94-1	2667	2842	2742	2750	3.19	cps
Molybdenum	95-1	3617	3976	4067	3887	6.12	cps
Molybdenum	96-1	3834	3959	4217	4003	4.88	cps
Molybdenum	97-1	2150	2550	2542	2414	9.47	cps
Molybdenum	98-1	5093	5510	5385	5329	4.01	cps
Neodymium	150-1	127	127	133	129	2.99	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	737	813	823	791	5.99	cps
Phosphorus	31-2	13306	13607	13532	13482	1.16	cps
Potassium	39-2	3807877	4100940	3940133	3949650	3.72	cps
Rhodium	103-1	11834952	13082415	13353067	12756811	6.35	cps
Rhodium	103-2	2993190	3473729	3253159	3240026	7.42	cps
Scandium	45-1	10862670	11702647	12445167	11670161	6.78	cps
Scandium	45-2	218041	253387	236628	236019	7.49	cps
Selenium	82-1	2491	2619	2886	2666	7.56	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	46	34	33	38	19.21	cps
Silicon	28-1	67231054	71812839	73606483	70883459	4.64	cps
Silver	107-1	683	592	775	683	13.42	cps
Silver	109-1	492	608	3538	1546	111.65	cps
Sodium	23-2	198672013	216931205	211183130	208928782	4.47	cps
Strontium	86-1	2956230	3303322	3189255	3149603	5.62	cps
Strontium	88-1	25131069	28657319	28124618	27304336	6.96	cps
Sulfur	34-1	1966791	2037552	2040638	2014994	2.07	cps
Terbium	159-1	15350511	16860365	17146822	16452566	5.87	cps
Terbium	159-2	3820410	4445843	4254890	4173714	7.68	cps
Thallium	203-1	1408	1417	1375	1400	1.57	cps
Thallium	205-1	3384	3551	3409	3448	2.61	cps
Tin	118-1	4959	5335	5426	5240	4.72	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07	Instrumnet Name :	P8
Client Sample ID :	MW-103I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:35:15	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5268	5393	5610	5423	3.19	cps
Uranium	238-1	1375	1775	1592	1581	12.67	cps
Vanadium	51-2	943	900	970	938	3.77	cps
Ytterbium	172-1	92	67	250	136	73.04	cps
Ytterbium	172-2	22	28	33	28	20.00	cps
Ytterbium	176-1	2367	2650	2525	2514	5.65	cps
Ytterbium	176-2	6452	7752	7613	7273	9.82	cps
Yttrium	89-1	22724332	25095647	25009480	24276487	5.54	cps
Yttrium	89-2	1330048	1621953	1522207	1491403	9.95	cps
Zinc	66-2	6555	6695	6678	6643	1.15	cps
Zirconium	90-1	2184	2584	2650	2473	10.21	cps
Zirconium	91-1	492	517	575	528	8.10	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:40:46	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3149920	3117428	3054003	3107117	1.57	cps
Antimony	121-1	3402884	3368477	3356576	3375979	0.71	cps
Arsenic	75-2	57858	57573	56545	57325	1.20	cps
Barium	135-1	4861060	5015314	5019728	4965367	1.82	cps
Barium	137-1	8670302	8440874	8293754	8468310	2.24	cps
Beryllium	9-1	1718719	1680411	1672631	1690587	1.46	cps
Bismuth	209-1	8254217	8371133	8367399	8330916	0.80	cps
Bismuth	209-2	2299518	2263853	2350484	2304618	1.89	cps
Boron	10-1	282749	300100	301756	294868	3.57	cps
Boron	11-1	1218541	1274741	1271709	1254997	2.52	cps
Bromine	81-1	340297	341306	328764	336789	2.07	cps
Cadmium	111-1	1167107	1147266	1159949	1158107	0.87	cps
Cadmium	106-1	136221	136892	137266	136793	0.39	cps
Cadmium	108-1	88915	90566	91304	90262	1.36	cps
Calcium	43-1	8952156	8796987	8967463	8905535	1.06	cps
Calcium	44-1	139988927	138138993	138704342	138944087	0.68	cps
Carbon	12-1	7144858	7375000	7561748	7360535	2.84	cps
Carbon	12-2	67556	67815	66074	67148	1.40	cps
Chlorine	35-1	8819877	8236288	8063316	8373160	4.73	cps
Chlorine	35-2	33715	33957	32930	33534	1.60	cps
Chromium	52-2	782699	777897	760918	773838	1.48	cps
Cobalt	59-2	1327539	1322310	1274172	1308007	2.25	cps
Copper	63-2	10264689	10522716	9668741	10152049	4.31	cps
Dysprosium	156-1	658	617	717	664	7.57	cps
Dysprosium	156-2	120	113	103	112	7.48	cps
Erbium	164-1	100	117	67	94	26.96	cps
Erbium	164-2	7	27	10	14	74.18	cps
Gadolinium	160-1	525	558	525	536	3.59	cps
Gadolinium	160-2	123	160	157	147	13.82	cps
Holmium	165-1	15029923	15038876	15150225	15073008	0.44	cps
Holmium	165-2	3664804	3667778	3642324	3658302	0.38	cps
Indium	115-1	13030892	12760439	12980797	12924043	1.11	cps
Indium	115-2	979132	968374	991003	979503	1.16	cps
Iron	54-2	9116514	8752757	8803853	8891042	2.21	cps
Iron	56-2	161008970	154802209	155326381	157045854	2.19	cps
Iron	57-2	4056999	3952723	3942547	3984089	1.59	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:40:46	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	789	831	782	801	3.31	cps
Lead	206-1	14705162	14639705	14649303	14664723	0.24	cps
Lead	207-1	12906996	12720457	13109608	12912354	1.51	cps
Lead	208-1	59069316	58128249	58852494	58683353	0.84	cps
Lithium	6-1	8054669	7969699	7932765	7985711	0.78	cps
Magnesium	24-2	40706139	41686312	39515045	40635832	2.68	cps
Manganese	55-2	4266802	4168629	4198283	4211238	1.20	cps
Molybdenum	94-1	15846120	15916197	15587953	15783423	1.10	cps
Molybdenum	95-1	22336757	22714212	21999981	22350316	1.60	cps
Molybdenum	96-1	24704926	24426006	24295675	24475536	0.85	cps
Molybdenum	97-1	13531642	13678318	13719309	13643090	0.72	cps
Molybdenum	98-1	34993008	34630650	35562396	35062018	1.34	cps
Neodymium	150-1	547	407	500	484	14.72	cps
Neodymium	150-2	23	13	20	19	26.96	cps
Nickel	60-2	389073	372744	369641	377152	2.77	cps
Phosphorus	31-2	40106	40039	38870	39672	1.75	cps
Potassium	39-2	12193071	12321325	11626527	12046974	3.07	cps
Rhodium	103-1	12039262	12024440	12170232	12077978	0.66	cps
Rhodium	103-2	2902350	2852852	2817374	2857525	1.49	cps
Scandium	45-1	10753522	11041037	11188682	10994414	2.01	cps
Scandium	45-2	218363	214569	215043	215992	0.96	cps
Selenium	82-1	105570	106994	106564	106376	0.69	cps
Selenium	77-2	1917	1830	1970	1906	3.71	cps
Selenium	78-2	6504	6304	6013	6274	3.94	cps
Silicon	28-1	4768798	4800953	4849694	4806481	0.85	cps
Silver	107-1	5910978	5783170	5933407	5875852	1.38	cps
Silver	109-1	5722647	5705754	5639295	5689232	0.77	cps
Sodium	23-2	79464887	78538018	76172239	78058382	2.18	cps
Strontium	86-1	38203886	39022673	38752616	38659725	1.08	cps
Strontium	88-1	328289607	334719366	337627408	333545460	1.43	cps
Sulfur	34-1	1098917	1074335	1089182	1087478	1.14	cps
Terbium	159-1	15902155	15996752	15818184	15905697	0.56	cps
Terbium	159-2	3792946	3816888	3843786	3817873	0.67	cps
Thallium	203-1	3498166	3458877	3376296	3444447	1.81	cps
Thallium	205-1	8113488	8227101	8034820	8125136	1.19	cps
Tin	118-1	3542434	3592317	3569158	3567970	0.70	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:40:46	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7609168	7658195	7903343	7723569	2.04	cps
Uranium	238-1	11363954	11339579	11046121	11249885	1.57	cps
Vanadium	51-2	602695	585590	569618	585968	2.82	cps
Ytterbium	172-1	92	142	192	142	35.29	cps
Ytterbium	172-2	28	50	33	37	31.22	cps
Ytterbium	176-1	10579	10955	10605	10713	1.96	cps
Ytterbium	176-2	8558	8586	8642	8596	0.49	cps
Yttrium	89-1	23172546	22358057	23171016	22900540	2.05	cps
Yttrium	89-2	1297955	1285964	1288573	1290831	0.49	cps
Zinc	66-2	1257552	1238785	1231024	1242454	1.10	cps
Zirconium	90-1	7986165	8197184	8239993	8141114	1.67	cps
Zirconium	91-1	1861127	1848652	1904352	1871377	1.56	cps

LB Number : LB121774 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P8
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired : 2022-08-26 19:48:37 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	125	119	120	3.34	cps
Antimony	121-1	283	450	808	514	52.21	cps
Arsenic	75-2	0	3	3	2	86.60	cps
Barium	135-1	33	42	208	94	104.53	cps
Barium	137-1	142	25	317	161	91.12	cps
Beryllium	9-1	96	97	190	128	42.03	cps
Bismuth	209-1	8649467	8668211	8733861	8683846	0.51	cps
Bismuth	209-2	2448097	2532657	2506692	2495815	1.74	cps
Boron	10-1	34600	34191	33969	34253	0.93	cps
Boron	11-1	156846	154793	154208	155282	0.89	cps
Bromine	81-1	159197	160222	155362	158260	1.62	cps
Cadmium	111-1	4919	4856	4868	4881	0.68	cps
Cadmium	106-1	6960	6877	6827	6888	0.98	cps
Cadmium	108-1	17	17	33	22	43.28	cps
Calcium	43-1	236	216	575	342	58.86	cps
Calcium	44-1	15729	15325	22038	17698	21.27	cps
Carbon	12-1	6783191	6732962	6662918	6726357	0.90	cps
Carbon	12-2	55857	58115	56208	56727	2.14	cps
Chlorine	35-1	3196802	3112683	3013710	3107731	2.95	cps
Chlorine	35-2	13440	12497	11588	12508	7.40	cps
Chromium	52-2	520	463	487	490	5.81	cps
Cobalt	59-2	33	33	30	32	5.97	cps
Copper	63-2	1683	1577	1507	1589	5.60	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	13	23	10	16	44.60	cps
Gadolinium	160-1	58	133	117	103	38.32	cps
Gadolinium	160-2	97	73	63	78	22.00	cps
Holmium	165-1	14509482	13847070	14120594	14159049	2.35	cps
Holmium	165-2	3370237	3517511	3573647	3487132	3.01	cps
Indium	115-1	12761992	12766398	12879593	12802661	0.52	cps
Indium	115-2	1003541	1001836	1005090	1003489	0.16	cps
Iron	54-2	489	567	667	574	15.52	cps
Iron	56-2	2939	2839	2767	2848	3.04	cps
Iron	57-2	67	72	100	80	22.43	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:48:37	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	617	682	659	653	5.04	cps
Lead	206-1	1417	1267	1706	1463	15.25	cps
Lead	207-1	1228	1145	1478	1283	13.52	cps
Lead	208-1	5689	5206	6901	5932	14.72	cps
Lithium	6-1	7697824	7426230	7878093	7667382	2.97	cps
Magnesium	24-2	150	167	192	169	12.38	cps
Manganese	55-2	43	47	57	49	14.20	cps
Molybdenum	94-1	600	592	1425	872	54.90	cps
Molybdenum	95-1	858	683	1517	1020	43.11	cps
Molybdenum	96-1	1008	925	1917	1284	42.87	cps
Molybdenum	97-1	508	458	1100	689	51.83	cps
Molybdenum	98-1	1200	1017	2510	1575	51.68	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	30	33	57	40	36.33	cps
Phosphorus	31-2	6485	6302	6051	6279	3.47	cps
Potassium	39-2	11163	11038	12014	11405	4.66	cps
Rhodium	103-1	12276538	12457759	12852722	12529006	2.35	cps
Rhodium	103-2	3024747	3097751	3013545	3045348	1.50	cps
Scandium	45-1	10174506	9905544	10620122	10233391	3.53	cps
Scandium	45-2	198892	204016	201519	201476	1.27	cps
Selenium	82-1	165	66	109	113	43.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	32	34	46	37	20.28	cps
Silicon	28-1	814784	800208	797593	804195	1.15	cps
Silver	107-1	442	450	425	439	2.90	cps
Silver	109-1	300	225	250	258	14.78	cps
Sodium	23-2	75202	75051	75830	75361	0.55	cps
Strontium	86-1	1358	1400	2309	1689	31.79	cps
Strontium	88-1	583	558	10083	3741	146.78	cps
Sulfur	34-1	473507	470924	473440	472624	0.31	cps
Terbium	159-1	14914915	14214657	15426867	14852146	4.10	cps
Terbium	159-2	3622486	3668527	3635862	3642291	0.65	cps
Thallium	203-1	833	950	967	917	7.93	cps
Thallium	205-1	2150	2150	2434	2245	7.29	cps
Tin	118-1	3701	3942	4067	3903	4.78	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:48:37	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392	525	783	567	35.14	cps
Uranium	238-1	33	25	325	128	133.71	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Ytterbium	172-1	83	92	117	97	17.84	cps
Ytterbium	172-2	17	6	22	15	57.25	cps
Ytterbium	176-1	2267	2109	2309	2228	4.74	cps
Ytterbium	176-2	5935	6290	6218	6148	3.06	cps
Yttrium	89-1	21239331	21387239	21787625	21471398	1.32	cps
Yttrium	89-2	1232002	1239595	1244816	1238804	0.52	cps
Zinc	66-2	170	160	177	169	4.97	cps
Zirconium	90-1	842	808	1133	928	19.27	cps
Zirconium	91-1	192	158	200	183	12.03	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-08	Instrumnet Name :	P8
Client Sample ID :	MW-103S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:51:47	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9703	9469	11452	10208	10.61	cps
Antimony	121-1	2834	2934	3200	2989	6.34	cps
Arsenic	75-2	93	87	175	118	41.55	cps
Barium	135-1	617231	595517	633491	615413	3.10	cps
Barium	137-1	1082578	1027977	1119333	1076630	4.27	cps
Beryllium	9-1	165	159	126	150	13.87	cps
Bismuth	209-1	7230607	6771172	7145021	7048933	3.47	cps
Bismuth	209-2	1971197	1857619	1969642	1932819	3.37	cps
Boron	10-1	569249	583751	627934	593645	5.15	cps
Boron	11-1	2486134	2622527	2695119	2601260	4.08	cps
Bromine	81-1	5575771	6087395	6871275	6178147	10.56	cps
Cadmium	111-1	4648	4982	5068	4899	4.52	cps
Cadmium	106-1	6635	7035	7177	6949	4.04	cps
Cadmium	108-1	96	67	63	75	24.21	cps
Calcium	43-1	3793132	3641148	3960536	3798272	4.21	cps
Calcium	44-1	61757158	58627943	63964742	61449948	4.36	cps
Carbon	12-1	15842874	16782782	17958999	16861551	6.29	cps
Carbon	12-2	154103	158027	157859	156663	1.42	cps
Chlorine	35-1	57932974	68274870	79772214	68660020	15.91	cps
Chlorine	35-2	420214	433150	468065	440476	5.62	cps
Chromium	52-2	3114	2954	3921	3329	15.57	cps
Cobalt	59-2	977	1073	2508	1519	56.43	cps
Copper	63-2	4534	4524	17365	8808	84.14	cps
Dysprosium	156-1	808	792	842	814	3.13	cps
Dysprosium	156-2	160	133	150	148	9.11	cps
Erbium	164-1	833	733	642	736	13.02	cps
Erbium	164-2	143	193	157	164	15.74	cps
Gadolinium	160-1	858	592	850	767	19.78	cps
Gadolinium	160-2	223	237	210	223	5.97	cps
Holmium	165-1	13986835	13527187	14497056	14003693	3.46	cps
Holmium	165-2	3201241	3215630	3256508	3224459	0.89	cps
Indium	115-1	11388317	11114572	11852680	11451856	3.26	cps
Indium	115-2	886451	863683	898823	882986	2.02	cps
Iron	54-2	142112	141339	149907	144453	3.28	cps
Iron	56-2	2675070	2681845	2877554	2744823	4.19	cps
Iron	57-2	67577	68430	71447	69151	2.94	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-08	Instrumnet Name :	P8
Client Sample ID :	MW-103S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:51:47	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1110	1200	1405	1238	12.21	cps
Lead	206-1	35961	35036	37131	36043	2.91	cps
Lead	207-1	31043	29556	31633	30744	3.48	cps
Lead	208-1	144335	136726	146128	142397	3.51	cps
Lithium	6-1	7050564	6495650	7357881	6968031	6.27	cps
Magnesium	24-2	23628264	22971039	23305494	23301599	1.41	cps
Manganese	55-2	181190	181683	194999	185957	4.21	cps
Molybdenum	94-1	4601	4734	4851	4729	2.65	cps
Molybdenum	95-1	2309	1708	2092	2036	14.92	cps
Molybdenum	96-1	3667	2842	2875	3128	14.93	cps
Molybdenum	97-1	1350	1408	1367	1375	2.19	cps
Molybdenum	98-1	3726	2951	2600	3092	18.63	cps
Neodymium	150-1	1053	1407	1080	1180	16.67	cps
Neodymium	150-2	173	167	153	164	6.19	cps
Nickel	60-2	853	853	1267	991	24.08	cps
Phosphorus	31-2	8144	8044	8177	8122	0.85	cps
Potassium	39-2	7902290	7817643	8040520	7920151	1.42	cps
Rhodium	103-1	10886552	10216299	10803643	10635498	3.44	cps
Rhodium	103-2	2505001	2500363	2636500	2547288	3.03	cps
Scandium	45-1	10427832	9844479	10473108	10248473	3.42	cps
Scandium	45-2	193431	191719	200593	195248	2.41	cps
Selenium	82-1	3698	3804	4344	3949	8.78	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	42	36	53	44	19.76	cps
Silicon	28-1	60344068	59287553	63268060	60966560	3.38	cps
Silver	107-1	550	500	667	572	14.95	cps
Silver	109-1	375	442	667	494	30.91	cps
Sodium	23-2	485292711	482946744	489658428	485965961	0.70	cps
Strontium	86-1	7292602	7236632	7490805	7340013	1.82	cps
Strontium	88-1	62813262	59209553	65257789	62426868	4.87	cps
Sulfur	34-1	561043	542457	557344	553615	1.78	cps
Terbium	159-1	14792775	14215872	15072649	14693765	2.97	cps
Terbium	159-2	3417372	3364561	3411496	3397809	0.85	cps
Thallium	203-1	858	858	850	856	0.56	cps
Thallium	205-1	2592	2284	2317	2398	7.06	cps
Tin	118-1	4351	4276	4909	4512	7.67	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-08	Instrumnet Name :	P8
Client Sample ID :	MW-103S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 19:51:47	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	16819	16335	17578	16910	3.71	cps
Uranium	238-1	1284	858	750	964	29.26	cps
Vanadium	51-2	3360	3144	4401	3635	18.49	cps
Ytterbium	172-1	350	300	408	353	15.37	cps
Ytterbium	172-2	111	106	78	98	18.19	cps
Ytterbium	176-1	2392	2250	2492	2378	5.11	cps
Ytterbium	176-2	5907	5913	6329	6050	4.01	cps
Yttrium	89-1	21362651	20036611	21537976	20979079	3.91	cps
Yttrium	89-2	1174644	1150105	1206877	1177209	2.42	cps
Zinc	66-2	3064	2980	4321	3455	21.74	cps
Zirconium	90-1	10329	10146	11055	10510	4.57	cps
Zirconium	91-1	2342	2225	2575	2381	7.49	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-101MS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:02:02	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575056	554700	549172	559643	2.44	cps
Antimony	121-1	3362142	3313226	3408012	3361127	1.41	cps
Arsenic	75-2	62155	60180	58307	60214	3.20	cps
Barium	135-1	4752268	4585514	4688939	4675574	1.80	cps
Barium	137-1	7974479	7694023	7986550	7885017	2.10	cps
Beryllium	9-1	1612932	1589795	1610623	1604450	0.79	cps
Bismuth	209-1	8277201	8170546	7630802	8026183	4.32	cps
Bismuth	209-2	2295132	2330920	2248129	2291394	1.81	cps
Boron	10-1	245887	255902	260483	254091	2.94	cps
Boron	11-1	1010391	1085639	1074544	1056858	3.84	cps
Bromine	81-1	203700	203412	209288	205467	1.61	cps
Cadmium	111-1	1101971	1095333	1113898	1103734	0.85	cps
Cadmium	106-1	129354	127714	128473	128514	0.64	cps
Cadmium	108-1	83619	83099	83464	83394	0.32	cps
Calcium	43-1	3537292	3578466	3620254	3578670	1.16	cps
Calcium	44-1	56431016	57626328	58077404	57378249	1.48	cps
Carbon	12-1	12690418	13818154	14806096	13771556	7.69	cps
Carbon	12-2	139297	145760	145224	143427	2.50	cps
Chlorine	35-1	5184970	5178723	5219500	5194397	0.42	cps
Chlorine	35-2	24212	24722	23753	24229	2.00	cps
Chromium	52-2	708917	691848	679781	693515	2.11	cps
Cobalt	59-2	1275164	1230371	1219789	1241775	2.37	cps
Copper	63-2	10790265	10585007	10188862	10521378	2.91	cps
Dysprosium	156-1	192	167	267	208	24.98	cps
Dysprosium	156-2	27	50	50	42	31.90	cps
Erbium	164-1	100	100	75	92	15.75	cps
Erbium	164-2	20	17	30	22	31.22	cps
Gadolinium	160-1	167	217	233	206	16.88	cps
Gadolinium	160-2	107	87	97	97	10.34	cps
Holmium	165-1	14107716	14099738	13325435	13844296	3.25	cps
Holmium	165-2	3515055	3405056	3356790	3425634	2.37	cps
Indium	115-1	12178789	11997831	11744231	11973617	1.82	cps
Indium	115-2	974834	956257	943279	958123	1.66	cps
Iron	54-2	1780783	1735716	1727758	1748086	1.64	cps
Iron	56-2	30454030	30188781	30835856	30492889	1.07	cps
Iron	57-2	745267	747278	735606	742717	0.84	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-101MS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:02:02	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	739	734	722	732	1.14	cps
Lead	206-1	13623021	13477602	13693764	13598129	0.81	cps
Lead	207-1	12048569	12124588	12357615	12176924	1.32	cps
Lead	208-1	55022052	54611492	55985586	55206376	1.28	cps
Lithium	6-1	7024793	7130901	6508577	6888090	4.83	cps
Magnesium	24-2	10835110	10383312	10046372	10421598	3.80	cps
Manganese	55-2	4440368	4454128	4431267	4441921	0.26	cps
Molybdenum	94-1	8549401	8645270	8702173	8632282	0.89	cps
Molybdenum	95-1	10588243	10711618	10647853	10649238	0.58	cps
Molybdenum	96-1	11351271	11507749	11774049	11544357	1.85	cps
Molybdenum	97-1	6460463	6365037	6635454	6486985	2.11	cps
Molybdenum	98-1	16654913	16718834	16851239	16741662	0.60	cps
Neodymium	150-1	347	407	347	367	9.45	cps
Neodymium	150-2	17	20	10	16	32.73	cps
Nickel	60-2	341646	328822	323691	331386	2.79	cps
Phosphorus	31-2	6226	5993	5776	5999	3.75	cps
Potassium	39-2	2548097	2459264	2400941	2469434	3.00	cps
Rhodium	103-1	11421641	11454657	11041021	11305773	2.03	cps
Rhodium	103-2	2907513	2838430	2810880	2852275	1.75	cps
Scandium	45-1	10050397	10408170	9791358	10083308	3.07	cps
Scandium	45-2	205937	201907	200886	202910	1.32	cps
Selenium	82-1	96588	96855	97366	96936	0.41	cps
Selenium	77-2	1683	1743	1833	1753	4.31	cps
Selenium	78-2	5984	5823	5634	5813	3.02	cps
Silicon	28-1	23918613	24989952	25231813	24713459	2.83	cps
Silver	107-1	3907266	2832610	2519117	3086331	23.59	cps
Silver	109-1	3766697	2381646	2721135	2956493	24.42	cps
Sodium	23-2	28865591	28029503	27630420	28175171	2.24	cps
Strontium	86-1	1851396	1855602	1958072	1888357	3.20	cps
Strontium	88-1	15686699	15604164	15979436	15756766	1.25	cps
Sulfur	34-1	999595	1023834	1018085	1013838	1.25	cps
Terbium	159-1	14374821	14845848	13784211	14334960	3.71	cps
Terbium	159-2	3749331	3668837	3482081	3633417	3.77	cps
Thallium	203-1	3256447	3280817	3236908	3258057	0.68	cps
Thallium	205-1	7687216	7627114	7693961	7669430	0.48	cps
Tin	118-1	3302353	3256193	3386948	3315165	2.00	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-101MS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:02:02	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3477247	3528487	3666797	3557510	2.76	cps
Uranium	238-1	10228621	10070846	10324776	10208081	1.26	cps
Vanadium	51-2	569980	548460	540325	552922	2.77	cps
Ytterbium	172-1	58	167	92	106	52.57	cps
Ytterbium	172-2	33	28	33	31	10.18	cps
Ytterbium	176-1	2434	2117	2050	2200	9.31	cps
Ytterbium	176-2	6385	6157	6040	6194	2.83	cps
Yttrium	89-1	20886510	20761249	20018617	20555459	2.28	cps
Yttrium	89-2	1239276	1230167	1211006	1226816	1.18	cps
Zinc	66-2	1061189	1034959	1011769	1035972	2.39	cps
Zirconium	90-1	7373619	7089748	7302984	7255450	2.04	cps
Zirconium	91-1	1633443	1618593	1679008	1643682	1.92	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-101MSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:04:59	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	583502	577877	570229	577203	1.15	cps
Antimony	121-1	3379485	3431568	3359219	3390091	1.10	cps
Arsenic	75-2	62274	60834	61331	61480	1.19	cps
Barium	135-1	4729687	4795153	4630005	4718282	1.76	cps
Barium	137-1	8225668	8186885	8016306	8142953	1.37	cps
Beryllium	9-1	1660204	1687506	1569674	1639128	3.76	cps
Bismuth	209-1	7989876	7758096	7767712	7838561	1.67	cps
Bismuth	209-2	2321510	2330630	2423513	2358551	2.39	cps
Boron	10-1	265911	265322	276237	269157	2.28	cps
Boron	11-1	1084810	1141012	1148909	1124911	3.11	cps
Bromine	81-1	193788	203985	203600	200458	2.88	cps
Cadmium	111-1	1126664	1120668	1101656	1116329	1.17	cps
Cadmium	106-1	133616	132048	126093	130585	3.04	cps
Cadmium	108-1	85874	85736	83929	85180	1.27	cps
Calcium	43-1	3672656	3652782	3408702	3578047	4.11	cps
Calcium	44-1	58803008	57799969	57000665	57867881	1.56	cps
Carbon	12-1	14335348	15282976	16178869	15265731	6.04	cps
Carbon	12-2	151157	152384	154718	152753	1.18	cps
Chlorine	35-1	4465004	4436503	4563913	4488473	1.49	cps
Chlorine	35-2	21266	20916	21733	21305	1.93	cps
Chromium	52-2	715747	718968	697083	710599	1.66	cps
Cobalt	59-2	1302579	1281646	1250426	1278217	2.05	cps
Copper	63-2	11063392	10673501	10706740	10814544	2.00	cps
Dysprosium	156-1	192	283	200	225	22.53	cps
Dysprosium	156-2	83	33	43	53	49.61	cps
Erbium	164-1	167	50	108	108	53.85	cps
Erbium	164-2	10	17	27	18	47.19	cps
Gadolinium	160-1	158	125	217	167	27.84	cps
Gadolinium	160-2	83	100	83	89	10.83	cps
Holmium	165-1	13902618	13649786	13489782	13680729	1.52	cps
Holmium	165-2	3489601	3402045	3635323	3508990	3.36	cps
Indium	115-1	12141469	11713386	11698098	11850985	2.12	cps
Indium	115-2	986374	958330	987803	977503	1.70	cps
Iron	54-2	1796583	1839150	1761535	1799089	2.16	cps
Iron	56-2	31701168	30661678	30940139	31100995	1.73	cps
Iron	57-2	785979	760857	754300	767046	2.18	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-101MSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:04:59	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	712	751	779	747	4.45	cps
Lead	206-1	13939315	13835607	13641641	13805521	1.09	cps
Lead	207-1	12432553	12277313	12066115	12258660	1.50	cps
Lead	208-1	57015344	56425256	54746127	56062242	2.10	cps
Lithium	6-1	7341229	7169129	6868030	7126130	3.36	cps
Magnesium	24-2	10987294	10613804	10421267	10674122	2.70	cps
Manganese	55-2	4586712	4541085	4549663	4559153	0.53	cps
Molybdenum	94-1	8754313	8875161	8728825	8786100	0.89	cps
Molybdenum	95-1	10898341	10758259	10737750	10798116	0.81	cps
Molybdenum	96-1	12041110	12065054	11769367	11958511	1.37	cps
Molybdenum	97-1	6690546	6567238	6591358	6616381	0.99	cps
Molybdenum	98-1	17259340	17066148	16649877	16991789	1.83	cps
Neodymium	150-1	420	493	427	447	9.08	cps
Neodymium	150-2	10	13	30	18	60.28	cps
Nickel	60-2	348319	345924	339323	344522	1.35	cps
Phosphorus	31-2	6126	5943	5985	6018	1.60	cps
Potassium	39-2	2562188	2524555	2573739	2553494	1.01	cps
Rhodium	103-1	11636717	11231331	11050554	11306201	2.65	cps
Rhodium	103-2	2907321	2849264	2902718	2886434	1.12	cps
Scandium	45-1	9945740	9765717	9762180	9824545	1.07	cps
Scandium	45-2	205032	201090	206476	204199	1.37	cps
Selenium	82-1	98516	98888	96664	98023	1.22	cps
Selenium	77-2	1790	1807	1790	1796	0.54	cps
Selenium	78-2	6144	5857	5912	5971	2.55	cps
Silicon	28-1	25069161	25458725	25479905	25335930	0.91	cps
Silver	107-1	2800188	4330866	4371098	3834051	23.36	cps
Silver	109-1	2385413	4148221	2940309	3157981	28.54	cps
Sodium	23-2	29777068	28666227	27939052	28794116	3.21	cps
Strontium	86-1	1918355	1891161	1806054	1871857	3.13	cps
Strontium	88-1	16243034	16582790	15785226	16203684	2.47	cps
Sulfur	34-1	1036865	994094	1022197	1017718	2.14	cps
Terbium	159-1	14447931	14022870	13814945	14095249	2.29	cps
Terbium	159-2	3717615	3683454	3826578	3742549	2.00	cps
Thallium	203-1	3364631	3342474	3324649	3343918	0.60	cps
Thallium	205-1	7845739	7861584	7652117	7786480	1.50	cps
Tin	118-1	3403762	3354106	3400476	3386115	0.82	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-101MSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:04:59	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3657819	3614718	3595607	3622715	0.88	cps
Uranium	238-1	10655760	10398257	10555659	10536559	1.23	cps
Vanadium	51-2	583836	565582	562031	570483	2.05	cps
Ytterbium	172-1	108	117	58	94	33.41	cps
Ytterbium	172-2	6	33	44	28	72.10	cps
Ytterbium	176-1	2559	2417	2159	2378	8.53	cps
Ytterbium	176-2	6107	6146	6591	6281	4.28	cps
Yttrium	89-1	21379411	20515761	19605418	20500197	4.33	cps
Yttrium	89-2	1252717	1228171	1261578	1247489	1.39	cps
Zinc	66-2	1078321	1055443	1056304	1063356	1.22	cps
Zirconium	90-1	7445996	7321482	7240489	7335989	1.41	cps
Zirconium	91-1	1657018	1666590	1637503	1653704	0.90	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01A	Instrumnet Name :	P8
Client Sample ID :	MW-101A	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:08:00	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	592142	579486	582757	584795	1.12	cps
Antimony	121-1	3291367	3391351	3383423	3355380	1.66	cps
Arsenic	75-2	63347	61449	60653	61817	2.24	cps
Barium	135-1	4617064	4744235	4837949	4733083	2.34	cps
Barium	137-1	7781473	8156972	8087173	8008539	2.49	cps
Beryllium	9-1	1619174	1590676	1669672	1626507	2.46	cps
Bismuth	209-1	8181120	7966305	7980006	8042477	1.50	cps
Bismuth	209-2	2387237	2391063	2325809	2368036	1.55	cps
Boron	10-1	258222	272312	290598	273711	5.93	cps
Boron	11-1	1124438	1167510	1198529	1163492	3.20	cps
Bromine	81-1	182454	190632	192687	188591	2.87	cps
Cadmium	111-1	1107356	1119433	1111180	1112656	0.55	cps
Cadmium	106-1	130477	131836	132628	131647	0.83	cps
Cadmium	108-1	82822	83124	84734	83560	1.23	cps
Calcium	43-1	3549122	3481216	3615421	3548586	1.89	cps
Calcium	44-1	55907527	56797198	59047034	57250586	2.83	cps
Carbon	12-1	14362289	15630993	16233873	15409052	6.20	cps
Carbon	12-2	149918	155847	156731	154165	2.40	cps
Chlorine	35-1	3842268	4028092	4065393	3978584	3.00	cps
Chlorine	35-2	18395	18921	18779	18699	1.45	cps
Chromium	52-2	717654	702146	689193	702998	2.03	cps
Cobalt	59-2	1312480	1270649	1262110	1281747	2.10	cps
Copper	63-2	11248580	10885500	10967287	11033789	1.73	cps
Dysprosium	156-1	217	208	175	200	11.02	cps
Dysprosium	156-2	60	30	67	52	37.40	cps
Erbium	164-1	108	75	100	94	18.37	cps
Erbium	164-2	27	17	3	16	75.27	cps
Gadolinium	160-1	158	133	275	189	40.03	cps
Gadolinium	160-2	93	137	130	120	19.45	cps
Holmium	165-1	14042382	13920163	13897589	13953378	0.56	cps
Holmium	165-2	3472478	3545939	3477650	3498689	1.17	cps
Indium	115-1	12142069	12247847	12232322	12207413	0.47	cps
Indium	115-2	999447	980857	960847	980384	1.97	cps
Iron	54-2	1782304	1843246	1737451	1787667	2.97	cps
Iron	56-2	31685687	31441297	31185850	31437611	0.80	cps
Iron	57-2	783653	756812	746247	762237	2.53	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01A	Instrumnet Name :	P8
Client Sample ID :	MW-101A	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:08:00	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	764	744	750	752	1.36	cps
Lead	206-1	13926280	13929499	14219523	14025101	1.20	cps
Lead	207-1	12457565	11960074	12546669	12321436	2.57	cps
Lead	208-1	55665912	55514423	56842990	56007775	1.30	cps
Lithium	6-1	7408275	7212804	7357568	7326215	1.38	cps
Magnesium	24-2	10987420	11174610	10876479	11012836	1.37	cps
Manganese	55-2	4617740	4672404	4405405	4565183	3.09	cps
Molybdenum	94-1	8537852	8696024	8733333	8655736	1.20	cps
Molybdenum	95-1	10646419	10839005	10839521	10774981	1.03	cps
Molybdenum	96-1	11693291	12180530	12099561	11991127	2.18	cps
Molybdenum	97-1	6555745	6595440	6645041	6598742	0.68	cps
Molybdenum	98-1	16620671	16933239	17293160	16949023	1.99	cps
Neodymium	150-1	353	353	407	371	8.30	cps
Neodymium	150-2	3	23	23	17	69.30	cps
Nickel	60-2	347998	343362	342913	344758	0.82	cps
Phosphorus	31-2	5985	5960	5318	5754	6.57	cps
Potassium	39-2	2557605	2476790	2477031	2503808	1.86	cps
Rhodium	103-1	11642228	11383062	11301540	11442277	1.55	cps
Rhodium	103-2	2990354	2955226	2861394	2935658	2.27	cps
Scandium	45-1	9831554	9908394	10100192	9946713	1.39	cps
Scandium	45-2	209536	205938	199667	205047	2.44	cps
Selenium	82-1	97329	98982	98747	98353	0.91	cps
Selenium	77-2	1803	1907	1740	1817	4.63	cps
Selenium	78-2	6175	5770	5822	5922	3.72	cps
Silicon	28-1	24688045	25238054	25771338	25232479	2.15	cps
Silver	107-1	3444378	2983566	4500832	3642925	21.35	cps
Silver	109-1	4560022	3668980	3693750	3974251	12.77	cps
Sodium	23-2	30261052	29025453	29582127	29622877	2.09	cps
Strontium	86-1	1912670	1859541	1900907	1891039	1.48	cps
Strontium	88-1	15487329	15932794	16088053	15836059	1.97	cps
Sulfur	34-1	973416	1000272	972440	982043	1.61	cps
Terbium	159-1	14932376	14528621	14790254	14750417	1.39	cps
Terbium	159-2	3721721	3859480	3722816	3768006	2.10	cps
Thallium	203-1	3367595	3330578	3428540	3375571	1.47	cps
Thallium	205-1	7969028	7945730	7906033	7940264	0.40	cps
Tin	118-1	3289175	3355347	3358388	3334303	1.17	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-01A	Instrumnet Name :	P8
Client Sample ID :	MW-101A	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:08:00	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3538304	3604227	3697140	3613224	2.21	cps
Uranium	238-1	10427103	10193808	10445343	10355418	1.35	cps
Vanadium	51-2	579369	564585	567218	570391	1.38	cps
Ytterbium	172-1	92	125	125	114	16.90	cps
Ytterbium	172-2	11	17	44	24	74.19	cps
Ytterbium	176-1	1925	2159	2209	2097	7.21	cps
Ytterbium	176-2	6485	6563	6763	6604	2.17	cps
Yttrium	89-1	20794176	20767647	20919552	20827125	0.39	cps
Yttrium	89-2	1259677	1244589	1226940	1243735	1.32	cps
Zinc	66-2	1084325	1062657	1057510	1068164	1.33	cps
Zirconium	90-1	7260603	7232412	7495805	7329606	1.97	cps
Zirconium	91-1	1640934	1629960	1657983	1642959	0.86	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-09DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-109DL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:10:58	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19051	19011	19109	19057	0.26	cps
Antimony	121-1	15876	1592	2217	6562	123.03	cps
Arsenic	75-2	43	47	32	41	19.10	cps
Barium	135-1	38561	20766	20633	26653	38.69	cps
Barium	137-1	67904	36458	36283	46882	38.83	cps
Beryllium	9-1	5246	2076	2061	3128	58.65	cps
Bismuth	209-1	8672628	8530402	9289690	8830907	4.57	cps
Bismuth	209-2	2445884	2381010	2495935	2440943	2.36	cps
Boron	10-1	82563	82725	81002	82097	1.16	cps
Boron	11-1	374821	385838	364624	375095	2.83	cps
Bromine	81-1	142970	138179	141477	140875	1.74	cps
Cadmium	111-1	10837	5772	5572	7394	40.35	cps
Cadmium	106-1	8320	7552	7377	7750	6.47	cps
Cadmium	108-1	413	63	83	186	105.51	cps
Calcium	43-1	288819	292892	287383	289698	0.99	cps
Calcium	44-1	4625566	4619615	4579833	4608338	0.54	cps
Carbon	12-1	8572488	8833387	8706582	8704152	1.50	cps
Carbon	12-2	75184	72370	73735	73763	1.91	cps
Chlorine	35-1	2708941	2635211	2559058	2634403	2.84	cps
Chlorine	35-2	11213	11096	11388	11232	1.31	cps
Chromium	52-2	637	777	747	720	10.24	cps
Cobalt	59-2	12049	11722	11712	11827	1.62	cps
Copper	63-2	4441	4137	4057	4212	4.80	cps
Dysprosium	156-1	20842	22394	22878	22038	4.83	cps
Dysprosium	156-2	5581	5798	5458	5612	3.07	cps
Erbium	164-1	21518	22294	22052	21955	1.81	cps
Erbium	164-2	5154	4991	4818	4988	3.38	cps
Gadolinium	160-1	24298	23463	25667	24476	4.55	cps
Gadolinium	160-2	6675	6598	6575	6616	0.79	cps
Holmium	165-1	14417577	14186271	14643621	14415823	1.59	cps
Holmium	165-2	3552589	3468192	3527006	3515929	1.23	cps
Indium	115-1	12994158	12750923	13182717	12975933	1.67	cps
Indium	115-2	1017036	967145	1015215	999798	2.83	cps
Iron	54-2	861	783	833	826	4.77	cps
Iron	56-2	6846	7152	6963	6987	2.21	cps
Iron	57-2	600	478	489	522	12.94	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-09DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-109DL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:10:58	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	750	796	825	790	4.79	cps
Lead	206-1	32369	1622	1545	11845	150.05	cps
Lead	207-1	30597	1517	1300	11138	151.31	cps
Lead	208-1	141016	6440	6228	51228	151.79	cps
Lithium	6-1	7570870	7208797	7729145	7502937	3.56	cps
Magnesium	24-2	257266	253830	252724	254607	0.93	cps
Manganese	55-2	47144	45519	44646	45770	2.77	cps
Molybdenum	94-1	16154	1950	1608	6571	126.33	cps
Molybdenum	95-1	24365	2842	2400	9869	127.22	cps
Molybdenum	96-1	37389	3259	3017	14555	135.87	cps
Molybdenum	97-1	23506	1725	1492	8908	141.94	cps
Molybdenum	98-1	69008	4468	3734	25737	145.61	cps
Neodymium	150-1	16744	17111	17592	17149	2.48	cps
Neodymium	150-2	3384	3210	3260	3285	2.72	cps
Nickel	60-2	9230	8756	9076	9021	2.68	cps
Phosphorus	31-2	5726	5751	6260	5912	5.09	cps
Potassium	39-2	302956	304503	296723	301394	1.37	cps
Rhodium	103-1	12952456	12246688	12449749	12549631	2.90	cps
Rhodium	103-2	3114834	2902123	3086480	3034479	3.81	cps
Scandium	45-1	10288482	10345673	10782504	10472219	2.58	cps
Scandium	45-2	205696	194131	202181	200670	2.95	cps
Selenium	82-1	297	184	43	175	73.17	cps
Selenium	77-2	20	7	23	17	52.90	cps
Selenium	78-2	72	64	61	66	8.66	cps
Silicon	28-1	14958349	14817107	14462703	14746053	1.73	cps
Silver	107-1	8295	4643	3584	5507	44.88	cps
Silver	109-1	10154	4818	3534	6168	56.91	cps
Sodium	23-2	340671	337793	326988	335151	2.15	cps
Strontium	86-1	1855069	1876787	1896512	1876123	1.10	cps
Strontium	88-1	15706290	16297795	15407062	15803715	2.87	cps
Sulfur	34-1	1056870	1072751	1055191	1061604	0.91	cps
Terbium	159-1	14966212	14716056	15695517	15125928	3.36	cps
Terbium	159-2	3717652	3619858	3647705	3661738	1.38	cps
Thallium	203-1	8661	717	808	3395	134.31	cps
Thallium	205-1	21789	2392	2242	8808	127.65	cps
Tin	118-1	15855	2842	2742	7146	105.54	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4207-09DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-109DL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:10:58	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5845	867	908	2540	112.68	cps
Uranium	238-1	23964	1642	1767	9124	140.85	cps
Vanadium	51-2	27	20	23	23	14.29	cps
Ytterbium	172-1	4509	4734	4693	4645	2.58	cps
Ytterbium	172-2	1400	1378	1128	1302	11.61	cps
Ytterbium	176-1	5343	5168	5301	5271	1.74	cps
Ytterbium	176-2	7019	6652	7124	6932	3.58	cps
Yttrium	89-1	22077783	21369131	22861007	22102640	3.38	cps
Yttrium	89-2	1290839	1208014	1299665	1266173	3.99	cps
Zinc	66-2	6438	6992	6425	6618	4.89	cps
Zirconium	90-1	10031	1033	1117	4060	127.35	cps
Zirconium	91-1	2636	242	283	1054	130.06	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:14:09	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401	414	414	410	1.76	cps
Antimony	121-1	3167	3417	3534	3373	5.56	cps
Arsenic	75-2	356	329	402	362	10.19	cps
Barium	135-1	18213	18355	19389	18652	3.44	cps
Barium	137-1	32699	32315	32899	32637	0.91	cps
Beryllium	9-1	185	184	297	222	29.41	cps
Bismuth	209-1	8043604	8082361	8330245	8152070	1.91	cps
Bismuth	209-2	2561633	2436637	2678856	2559042	4.73	cps
Boron	10-1	195537	213736	215381	208218	5.29	cps
Boron	11-1	858116	928711	957597	914808	5.59	cps
Bromine	81-1	1193795	1449586	1619667	1421016	15.09	cps
Cadmium	111-1	4813	5080	5097	4996	3.19	cps
Cadmium	106-1	6844	7144	7144	7044	2.46	cps
Cadmium	108-1	46	42	29	39	22.30	cps
Calcium	43-1	239568	244794	245834	243399	1.38	cps
Calcium	44-1	3943833	4023850	4030943	3999542	1.21	cps
Carbon	12-1	7953031	8293719	8348617	8198456	2.61	cps
Carbon	12-2	75327	73290	74833	74483	1.43	cps
Chlorine	35-1	7962496	9333853	10023534	9106628	11.52	cps
Chlorine	35-2	55214	56896	65332	59147	9.17	cps
Chromium	52-2	1340	1553	1400	1431	7.69	cps
Cobalt	59-2	323	310	353	329	6.75	cps
Copper	63-2	2880	3367	3384	3210	8.91	cps
Dysprosium	156-1	58	50	50	53	9.11	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	167	75	67	103	53.99	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	58	100	150	103	44.66	cps
Gadolinium	160-2	60	93	110	88	29.00	cps
Holmium	165-1	13794254	14258929	14632207	14228464	2.95	cps
Holmium	165-2	4003481	3704278	3997644	3901801	4.38	cps
Indium	115-1	12249234	12742639	13150020	12713964	3.55	cps
Indium	115-2	1105905	1037569	1122305	1088593	4.13	cps
Iron	54-2	32070	31641	32253	31988	0.98	cps
Iron	56-2	562945	568123	578519	569862	1.39	cps
Iron	57-2	14252	14296	14886	14478	2.44	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:14:09	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	720	721	752	731	2.52	cps
Lead	206-1	2211	2634	2489	2445	8.79	cps
Lead	207-1	1861	2167	2545	2191	15.63	cps
Lead	208-1	8835	9763	10502	9700	8.61	cps
Lithium	6-1	6626767	7459179	7310930	7132292	6.23	cps
Magnesium	24-2	3409305	3333131	3343485	3361974	1.23	cps
Manganese	55-2	266806	274285	279633	273574	2.36	cps
Molybdenum	94-1	6360	6619	6819	6599	3.48	cps
Molybdenum	95-1	9820	10772	10880	10491	5.56	cps
Molybdenum	96-1	11338	11280	12300	11639	4.92	cps
Molybdenum	97-1	5985	6443	6627	6352	5.21	cps
Molybdenum	98-1	15860	15926	16494	16093	2.17	cps
Neodymium	150-1	33	53	33	40	28.87	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	297	200	297	264	21.11	cps
Phosphorus	31-2	6243	6435	6393	6357	1.59	cps
Potassium	39-2	1648692	1635427	1618545	1634221	0.92	cps
Rhodium	103-1	11278896	11839179	12397409	11838495	4.72	cps
Rhodium	103-2	3207092	3040255	3317622	3188323	4.38	cps
Scandium	45-1	9971480	10372830	11049823	10464711	5.21	cps
Scandium	45-2	229013	214631	228473	224039	3.64	cps
Selenium	82-1	747	1016	1099	954	19.25	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	44	35	28	36	22.49	cps
Silicon	28-1	8961662	8935958	9016386	8971335	0.46	cps
Silver	107-1	492	483	458	478	3.63	cps
Silver	109-1	425	350	358	378	10.88	cps
Sodium	23-2	106624221	105620811	107430286	106558439	0.85	cps
Strontium	86-1	427876	428561	430653	429030	0.34	cps
Strontium	88-1	3883591	3869704	3787530	3846942	1.35	cps
Sulfur	34-1	1619381	1636585	1677767	1644578	1.82	cps
Terbium	159-1	14595638	15047119	15769770	15137509	3.91	cps
Terbium	159-2	4055196	3830957	4270602	4052252	5.43	cps
Thallium	203-1	767	792	817	792	3.16	cps
Thallium	205-1	2034	1784	2034	1950	7.40	cps
Tin	118-1	3701	3792	4768	4087	14.47	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:14:09	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1458	1617	2300	1792	24.97	cps
Uranium	238-1	3801	3592	4451	3948	11.34	cps
Vanadium	51-2	40	73	100	71	42.27	cps
Ytterbium	172-1	75	58	75	69	13.86	cps
Ytterbium	172-2	22	28	39	30	28.65	cps
Ytterbium	176-1	2200	2409	2309	2306	4.52	cps
Ytterbium	176-2	6924	7152	7597	7224	4.74	cps
Yttrium	89-1	21781014	21754534	22370064	21968537	1.58	cps
Yttrium	89-2	1386736	1331348	1498285	1405456	6.05	cps
Zinc	66-2	4681	4721	4734	4712	0.59	cps
Zirconium	90-1	1442	1925	2109	1825	18.87	cps
Zirconium	91-1	283	342	442	356	22.52	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DDUPDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:17:13	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	376	385	330	364	8.13	cps
Antimony	121-1	1408	1417	1700	1508	11.01	cps
Arsenic	75-2	303	296	260	286	8.06	cps
Barium	135-1	16853	17787	17345	17328	2.70	cps
Barium	137-1	29708	30201	29859	29923	0.84	cps
Beryllium	9-1	127	114	139	127	9.88	cps
Bismuth	209-1	8023864	8220757	8114590	8119737	1.21	cps
Bismuth	209-2	2463825	2577938	2426740	2489501	3.17	cps
Boron	10-1	213428	214847	215762	214679	0.55	cps
Boron	11-1	929075	918020	975057	940717	3.22	cps
Bromine	81-1	1399544	1614732	1721930	1578735	10.40	cps
Cadmium	111-1	5251	4987	5285	5174	3.16	cps
Cadmium	106-1	7486	7052	7461	7333	3.32	cps
Cadmium	108-1	50	29	29	36	33.30	cps
Calcium	43-1	233092	234326	230287	232568	0.89	cps
Calcium	44-1	3719212	3893559	3777469	3796746	2.34	cps
Carbon	12-1	8140111	8193748	8285381	8206413	0.90	cps
Carbon	12-2	74020	73702	72262	73328	1.28	cps
Chlorine	35-1	11137620	12098027	13067926	12101191	7.98	cps
Chlorine	35-2	68371	71510	72758	70880	3.19	cps
Chromium	52-2	1373	1190	1200	1255	8.22	cps
Cobalt	59-2	240	277	227	248	10.45	cps
Copper	63-2	2554	2644	2567	2588	1.88	cps
Dysprosium	156-1	50	17	17	28	69.27	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	92	133	108	111	18.88	cps
Erbium	164-2	13	30	13	19	50.96	cps
Gadolinium	160-1	133	75	117	108	27.74	cps
Gadolinium	160-2	63	113	113	97	29.87	cps
Holmium	165-1	13732972	14461025	14725071	14306356	3.59	cps
Holmium	165-2	3753468	3733943	3674963	3720792	1.10	cps
Indium	115-1	12362885	12467170	12638382	12489479	1.11	cps
Indium	115-2	1050574	1053952	1047944	1050823	0.29	cps
Iron	54-2	28312	30171	27900	28794	4.20	cps
Iron	56-2	523855	528566	511982	521467	1.64	cps
Iron	57-2	13390	13523	13340	13418	0.71	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DDUPDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:17:13	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	744	724	741	736	1.48	cps
Lead	206-1	1700	1795	1795	1763	3.09	cps
Lead	207-1	1550	1561	1667	1593	4.04	cps
Lead	208-1	7351	7240	7134	7242	1.50	cps
Lithium	6-1	7220097	7292943	7363776	7292272	0.99	cps
Magnesium	24-2	3137481	3227649	3167604	3177578	1.44	cps
Manganese	55-2	256348	253919	248754	253007	1.53	cps
Molybdenum	94-1	5568	5401	5868	5612	4.22	cps
Molybdenum	95-1	8653	9162	9429	9081	4.34	cps
Molybdenum	96-1	9370	10354	10096	9940	5.13	cps
Molybdenum	97-1	5551	6051	5360	5654	6.32	cps
Molybdenum	98-1	14233	14366	14592	14397	1.26	cps
Neodymium	150-1	53	13	20	29	74.19	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	207	273	203	228	17.34	cps
Phosphorus	31-2	5876	6093	5935	5968	1.88	cps
Potassium	39-2	1489521	1540987	1471935	1500814	2.39	cps
Rhodium	103-1	11848524	11674029	12123318	11881957	1.91	cps
Rhodium	103-2	3105575	3141263	2988324	3078388	2.60	cps
Scandium	45-1	10192751	10439046	10222547	10284781	1.31	cps
Scandium	45-2	213933	217711	211727	214457	1.41	cps
Selenium	82-1	935	1097	1124	1052	9.72	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	35	45	34	38	16.01	cps
Silicon	28-1	8792829	8779537	8401827	8658064	2.56	cps
Silver	107-1	333	367	442	381	14.58	cps
Silver	109-1	383	375	342	367	6.01	cps
Sodium	23-2	99790186	100300931	97287690	99126269	1.63	cps
Strontium	86-1	404530	406929	408809	406756	0.53	cps
Strontium	88-1	3569260	3586089	3577954	3577767	0.24	cps
Sulfur	34-1	1642585	1656621	1617833	1639013	1.20	cps
Terbium	159-1	15150383	15005142	14724216	14959914	1.45	cps
Terbium	159-2	3870301	4142862	3905247	3972803	3.73	cps
Thallium	203-1	583	533	675	597	12.03	cps
Thallium	205-1	1500	1742	1383	1542	11.86	cps
Tin	118-1	3676	4109	3617	3801	7.07	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DDUPDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:17:13	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1375	1567	1575	1506	7.52	cps
Uranium	238-1	3384	3576	3467	3476	2.77	cps
Vanadium	51-2	83	67	63	71	15.07	cps
Ytterbium	172-1	150	67	92	103	41.61	cps
Ytterbium	172-2	17	28	11	19	45.83	cps
Ytterbium	176-1	2342	2384	2417	2381	1.58	cps
Ytterbium	176-2	6496	6441	6824	6587	3.15	cps
Yttrium	89-1	21348062	21394213	21276699	21339658	0.28	cps
Yttrium	89-2	1351808	1412656	1314921	1359795	3.63	cps
Zinc	66-2	4121	4364	4064	4183	3.81	cps
Zirconium	90-1	1408	1242	1608	1420	12.93	cps
Zirconium	91-1	233	367	250	283	25.64	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	MW-106DLDL	Dilution Factor :	25
Date & Time Acquired :	2022-08-26 20:20:21	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112	140	141	131	12.38	cps
Antimony	121-1	392	383	592	456	25.89	cps
Arsenic	75-2	59	63	53	58	8.63	cps
Barium	135-1	3676	3642	3567	3628	1.53	cps
Barium	137-1	6026	6010	6410	6149	3.68	cps
Beryllium	9-1	130	131	106	122	11.50	cps
Bismuth	209-1	8192554	8416847	8848685	8486029	3.93	cps
Bismuth	209-2	2521816	2513458	2378824	2471366	3.25	cps
Boron	10-1	72130	72779	71087	71999	1.19	cps
Boron	11-1	334823	337050	337743	336539	0.45	cps
Bromine	81-1	524291	523808	541478	529859	1.90	cps
Cadmium	111-1	4882	5061	5064	5002	2.08	cps
Cadmium	106-1	6960	7185	7185	7110	1.83	cps
Cadmium	108-1	33	33	46	37	19.25	cps
Calcium	43-1	45463	46440	46187	46030	1.10	cps
Calcium	44-1	749208	758192	745477	750959	0.87	cps
Carbon	12-1	6268275	6251356	6270374	6263335	0.17	cps
Carbon	12-2	54401	54602	53247	54083	1.35	cps
Chlorine	35-1	6718177	6793626	6529595	6680466	2.04	cps
Chlorine	35-2	30583	29798	29898	30093	1.42	cps
Chromium	52-2	640	593	560	598	6.72	cps
Cobalt	59-2	60	77	67	68	12.38	cps
Copper	63-2	1643	1707	1730	1693	2.65	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	75	75	108	86	22.35	cps
Erbium	164-2	13	13	23	17	34.65	cps
Gadolinium	160-1	142	100	83	108	27.73	cps
Gadolinium	160-2	93	83	50	76	30.03	cps
Holmium	165-1	14170860	14294183	14060651	14175231	0.82	cps
Holmium	165-2	3572908	3634751	3449259	3552306	2.66	cps
Indium	115-1	12547276	12593546	12638267	12593030	0.36	cps
Indium	115-2	1037028	998864	999834	1011908	2.15	cps
Iron	54-2	6741	6474	6168	6461	4.43	cps
Iron	56-2	104022	102858	102350	103076	0.83	cps
Iron	57-2	2428	2567	2606	2534	3.69	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	MW-106DLDL	Dilution Factor :	25
Date & Time Acquired :	2022-08-26 20:20:21	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	742	725	720	729	1.62	cps
Lead	206-1	1389	1439	1367	1398	2.65	cps
Lead	207-1	1228	1295	1078	1200	9.25	cps
Lead	208-1	5339	5312	5562	5404	2.54	cps
Lithium	6-1	7552006	7497439	7058357	7369267	3.67	cps
Magnesium	24-2	600561	587374	595900	594612	1.12	cps
Manganese	55-2	50114	48392	49733	49413	1.83	cps
Molybdenum	94-1	1325	1258	1583	1389	12.36	cps
Molybdenum	95-1	2234	2117	2192	2181	2.71	cps
Molybdenum	96-1	2384	2392	2634	2470	5.75	cps
Molybdenum	97-1	1217	1300	1283	1267	3.48	cps
Molybdenum	98-1	3409	3209	3651	3423	6.46	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	80	113	90	94	18.12	cps
Phosphorus	31-2	5843	5518	5726	5696	2.89	cps
Potassium	39-2	289669	282554	278367	283530	2.02	cps
Rhodium	103-1	11818315	12255160	11868550	11980675	2.00	cps
Rhodium	103-2	3013073	2949048	3029858	2997326	1.42	cps
Scandium	45-1	10319162	10029232	10211501	10186632	1.44	cps
Scandium	45-2	211839	204268	199504	205204	3.03	cps
Selenium	82-1	309	414	367	363	14.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	32	49	31	37	27.11	cps
Silicon	28-1	2337525	2340091	2280405	2319340	1.45	cps
Silver	107-1	367	283	342	331	12.94	cps
Silver	109-1	258	275	200	244	16.11	cps
Sodium	23-2	19421903	18646917	18846839	18971886	2.12	cps
Strontium	86-1	83149	80331	81841	81773	1.72	cps
Strontium	88-1	699399	687678	697503	694860	0.91	cps
Sulfur	34-1	749755	751614	733104	744824	1.37	cps
Terbium	159-1	14946574	14688984	15007644	14881067	1.14	cps
Terbium	159-2	3914207	3673162	3708564	3765311	3.46	cps
Thallium	203-1	658	525	667	617	12.89	cps
Thallium	205-1	1183	1508	1400	1364	12.13	cps
Tin	118-1	2959	3376	2775	3037	10.14	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	MW-106DLDL	Dilution Factor :	25
Date & Time Acquired :	2022-08-26 20:20:21	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	808	675	750	744	8.98	cps
Uranium	238-1	742	667	775	728	7.62	cps
Vanadium	51-2	27	10	17	18	47.19	cps
Ytterbium	172-1	67	75	50	64	19.92	cps
Ytterbium	172-2	28	28	11	22	43.31	cps
Ytterbium	176-1	2217	2325	2100	2214	5.08	cps
Ytterbium	176-2	6607	6213	6240	6353	3.47	cps
Yttrium	89-1	21461646	20847119	21470987	21259917	1.68	cps
Yttrium	89-2	1315030	1236932	1248891	1266951	3.32	cps
Zinc	66-2	1023	920	1013	986	5.78	cps
Zirconium	90-1	850	1008	933	931	8.51	cps
Zirconium	91-1	92	142	200	144	37.54	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-02DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:23:32	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123881	113391	113079	116784	5.26	cps
Antimony	121-1	622221	620259	635899	626127	1.36	cps
Arsenic	75-2	13456	12555	12544	12851	4.07	cps
Barium	135-1	920846	907406	930704	919652	1.27	cps
Barium	137-1	1643476	1658334	1623657	1641822	1.06	cps
Beryllium	9-1	307685	304555	308590	306943	0.69	cps
Bismuth	209-1	7693912	7907984	8155067	7918988	2.91	cps
Bismuth	209-2	2476420	2412440	2445493	2444784	1.31	cps
Boron	10-1	215392	238566	242723	232227	6.34	cps
Boron	11-1	979200	996475	1055031	1010235	3.93	cps
Bromine	81-1	1116017	1288863	1365993	1256958	10.18	cps
Cadmium	111-1	220676	221385	221274	221112	0.17	cps
Cadmium	106-1	30601	31036	30076	30571	1.57	cps
Cadmium	108-1	16185	16180	16468	16278	1.01	cps
Calcium	43-1	531088	533156	537208	533817	0.58	cps
Calcium	44-1	8613243	8701665	8807178	8707362	1.12	cps
Carbon	12-1	8145732	8281786	8408656	8278724	1.59	cps
Carbon	12-2	73643	74489	76499	74877	1.96	cps
Chlorine	35-1	9552681	10277816	11195432	10341976	7.96	cps
Chlorine	35-2	61264	60585	62461	61437	1.55	cps
Chromium	52-2	149182	140554	137879	142538	4.14	cps
Cobalt	59-2	270517	251834	252163	258171	4.14	cps
Copper	63-2	2374302	2179739	2127048	2227030	5.85	cps
Dysprosium	156-1	25	58	92	58	57.15	cps
Dysprosium	156-2	3	10	20	11	75.52	cps
Erbium	164-1	42	83	92	72	37.09	cps
Erbium	164-2	10	17	20	16	32.73	cps
Gadolinium	160-1	133	83	75	97	32.45	cps
Gadolinium	160-2	90	113	110	104	12.08	cps
Holmium	165-1	13611910	13827861	14302594	13914121	2.54	cps
Holmium	165-2	3823512	3536426	3619530	3659823	4.04	cps
Indium	115-1	11888284	12349739	12238140	12158721	1.98	cps
Indium	115-2	1084778	1005418	1033724	1041307	3.86	cps
Iron	54-2	388944	365837	353455	369412	4.88	cps
Iron	56-2	7281706	6617429	6542885	6814007	5.97	cps
Iron	57-2	174529	164463	155181	164724	5.87	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-02DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:23:32	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	719	712	741	724	2.09	cps
Lead	206-1	2790450	2747131	2803804	2780462	1.07	cps
Lead	207-1	2537655	2398133	2483721	2473169	2.84	cps
Lead	208-1	11300143	11016631	11339164	11218646	1.57	cps
Lithium	6-1	7008329	7450853	7137109	7198764	3.16	cps
Magnesium	24-2	4705392	4491330	4400897	4532540	3.45	cps
Manganese	55-2	1166973	1077729	1058548	1101083	5.26	cps
Molybdenum	94-1	1693981	1763944	1789574	1749166	2.83	cps
Molybdenum	95-1	2085954	2188545	2236619	2170373	3.55	cps
Molybdenum	96-1	2340904	2447414	2408118	2398812	2.25	cps
Molybdenum	97-1	1290644	1287289	1311659	1296531	1.02	cps
Molybdenum	98-1	3324128	3268215	3357152	3316498	1.36	cps
Neodymium	150-1	140	67	107	104	35.15	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	69265	66029	65018	66771	3.32	cps
Phosphorus	31-2	6227	5851	5910	5996	3.37	cps
Potassium	39-2	2013287	1843244	1820505	1892345	5.57	cps
Rhodium	103-1	10760015	11390285	11309824	11153374	3.08	cps
Rhodium	103-2	3137780	2970261	3026428	3044823	2.80	cps
Scandium	45-1	10044755	10447312	10344312	10278793	2.03	cps
Scandium	45-2	220870	208531	210798	213400	3.08	cps
Selenium	82-1	19802	20202	20400	20135	1.51	cps
Selenium	77-2	340	273	363	326	14.35	cps
Selenium	78-2	1316	1216	1215	1249	4.65	cps
Silicon	28-1	8810474	8894996	8686917	8797462	1.19	cps
Silver	107-1	650689	734326	646554	677190	7.31	cps
Silver	109-1	687786	688878	596785	657817	8.04	cps
Sodium	23-2	101717467	95675450	92729246	96707388	4.74	cps
Strontium	86-1	644664	667928	677550	663381	2.55	cps
Strontium	88-1	5586992	5774546	5963382	5774973	3.26	cps
Sulfur	34-1	1528493	1524164	1485977	1512878	1.55	cps
Terbium	159-1	14140840	14992703	14806555	14646699	3.06	cps
Terbium	159-2	4109157	3730408	3875539	3905034	4.89	cps
Thallium	203-1	615411	621645	628337	621798	1.04	cps
Thallium	205-1	1498999	1474696	1515449	1496381	1.37	cps
Tin	118-1	639671	640441	664911	648341	2.21	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-02DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:23:32	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	710649	709904	727046	715867	1.35	cps
Uranium	238-1	2091340	2029367	2096808	2072505	1.81	cps
Vanadium	51-2	121532	111777	109197	114169	5.70	cps
Ytterbium	172-1	50	125	100	92	41.66	cps
Ytterbium	172-2	28	22	11	20	41.67	cps
Ytterbium	176-1	2325	2092	2442	2286	7.80	cps
Ytterbium	176-2	6902	6496	6724	6707	3.03	cps
Yttrium	89-1	20094882	21423768	21386762	20968471	3.61	cps
Yttrium	89-2	1425825	1276367	1345475	1349222	5.54	cps
Zinc	66-2	230795	210438	211936	217723	5.21	cps
Zirconium	90-1	1429271	1459667	1476074	1455004	1.63	cps
Zirconium	91-1	313873	315160	322721	317251	1.51	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-03DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSDDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:26:34	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116644	114051	113917	114871	1.34	cps
Antimony	121-1	668461	643538	615909	642636	4.09	cps
Arsenic	75-2	13055	12646	12420	12707	2.54	cps
Barium	135-1	993921	953274	912895	953364	4.25	cps
Barium	137-1	1694341	1671635	1652551	1672842	1.25	cps
Beryllium	9-1	322819	319374	306556	316250	2.71	cps
Bismuth	209-1	8491371	7955477	7745392	8064080	4.77	cps
Bismuth	209-2	2296988	2315825	2393185	2335333	2.18	cps
Boron	10-1	249453	251143	259267	253287	2.07	cps
Boron	11-1	1075499	1099379	1050798	1075226	2.26	cps
Bromine	81-1	1231251	1419855	1530789	1393965	10.86	cps
Cadmium	111-1	231068	231276	220767	227704	2.64	cps
Cadmium	106-1	33734	33483	29766	32328	6.87	cps
Cadmium	108-1	17098	16856	16422	16792	2.04	cps
Calcium	43-1	557690	541029	531918	543546	2.40	cps
Calcium	44-1	8958665	8871950	8559246	8796620	2.39	cps
Carbon	12-1	7519612	7739327	7726824	7661921	1.61	cps
Carbon	12-2	69666	71809	71792	71089	1.73	cps
Chlorine	35-1	11736550	12415495	12860116	12337387	4.59	cps
Chlorine	35-2	66588	65516	68680	66928	2.40	cps
Chromium	52-2	144132	141840	139827	141933	1.52	cps
Cobalt	59-2	257126	251375	247275	251925	1.96	cps
Copper	63-2	2244837	2218063	2167725	2210208	1.77	cps
Dysprosium	156-1	67	58	67	64	7.54	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	92	83	75	83	10.00	cps
Erbium	164-2	27	17	23	22	22.91	cps
Gadolinium	160-1	150	117	125	131	13.29	cps
Gadolinium	160-2	60	57	87	68	24.26	cps
Holmium	165-1	15535078	13985804	13670624	14397169	6.93	cps
Holmium	165-2	3615614	3450183	3474103	3513300	2.54	cps
Indium	115-1	12892094	12245565	11474083	12203914	5.82	cps
Indium	115-2	992540	963103	980157	978600	1.51	cps
Iron	54-2	368937	363006	361601	364515	1.07	cps
Iron	56-2	6914123	6870655	6615948	6800242	2.37	cps
Iron	57-2	166138	159311	158204	161218	2.67	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-03DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSDDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:26:34	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	730	757	752	747	1.96	cps
Lead	206-1	2938252	2798260	2732624	2823046	3.72	cps
Lead	207-1	2467848	2484939	2391987	2448258	2.02	cps
Lead	208-1	11603459	11214663	10937427	11251850	2.97	cps
Lithium	6-1	7623016	7290491	7145289	7352932	3.33	cps
Magnesium	24-2	4481263	4495948	4370021	4449078	1.55	cps
Manganese	55-2	1106863	1083460	1071391	1087238	1.66	cps
Molybdenum	94-1	1872226	1856283	1779242	1835917	2.71	cps
Molybdenum	95-1	2326516	2298196	2172644	2265785	3.61	cps
Molybdenum	96-1	2553305	2487467	2445363	2495378	2.18	cps
Molybdenum	97-1	1364214	1345478	1303268	1337653	2.33	cps
Molybdenum	98-1	3568244	3546948	3376775	3497322	3.00	cps
Neodymium	150-1	120	113	120	118	3.26	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	67258	66267	64271	65932	2.31	cps
Phosphorus	31-2	6151	6035	6018	6068	1.20	cps
Potassium	39-2	1867859	1857670	1845977	1857169	0.59	cps
Rhodium	103-1	11946957	11246410	11102860	11432076	3.95	cps
Rhodium	103-2	2922303	2870793	2879124	2890740	0.96	cps
Scandium	45-1	10529626	10357139	9848129	10244965	3.46	cps
Scandium	45-2	203197	200665	201817	201893	0.63	cps
Selenium	82-1	21015	21109	20391	20839	1.87	cps
Selenium	77-2	420	387	377	394	5.75	cps
Selenium	78-2	1340	1236	1260	1279	4.26	cps
Silicon	28-1	9154083	9069980	8587466	8937176	3.42	cps
Silver	107-1	683315	769327	727878	726840	5.92	cps
Silver	109-1	742544	675366	719094	712334	4.79	cps
Sodium	23-2	96334219	93696950	92908746	94313305	1.90	cps
Strontium	86-1	703228	674277	656365	677957	3.49	cps
Strontium	88-1	6092362	5924924	5801680	5939655	2.46	cps
Sulfur	34-1	1627357	1562707	1507224	1565763	3.84	cps
Terbium	159-1	15289531	15042169	14642583	14991428	2.18	cps
Terbium	159-2	3678801	3629128	3659640	3655856	0.69	cps
Thallium	203-1	656064	639103	612965	636044	3.41	cps
Thallium	205-1	1571077	1574553	1502357	1549329	2.63	cps
Tin	118-1	698852	666991	637389	667744	4.60	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-03DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DMSDDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:26:34	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	744799	753241	711802	736614	2.97	cps
Uranium	238-1	2217175	2142332	2140529	2166679	2.02	cps
Vanadium	51-2	116315	114178	113936	114810	1.14	cps
Ytterbium	172-1	83	108	83	92	15.74	cps
Ytterbium	172-2	33	11	22	22	50.00	cps
Ytterbium	176-1	2475	2342	2084	2300	8.66	cps
Ytterbium	176-2	6202	6507	6752	6487	4.25	cps
Yttrium	89-1	21927639	21260943	20765838	21318140	2.73	cps
Yttrium	89-2	1248617	1233548	1244788	1242318	0.63	cps
Zinc	66-2	223305	217390	214053	218249	2.15	cps
Zirconium	90-1	1546217	1558170	1447372	1517253	4.01	cps
Zirconium	91-1	333292	335093	312246	326877	3.89	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:44:27	DataFile Name :	059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3117495	2956579	2945322	3006465	3.20	cps
Antimony	121-1	3188514	3132055	3120067	3146879	1.16	cps
Arsenic	75-2	58001	57574	56273	57283	1.57	cps
Barium	135-1	4633748	4564063	4625786	4607866	0.83	cps
Barium	137-1	8010621	7867261	7700758	7859547	1.97	cps
Beryllium	9-1	1498360	1501412	1489669	1496481	0.41	cps
Bismuth	209-1	7575178	7621812	7808678	7668556	1.61	cps
Bismuth	209-2	2197400	2246870	2313999	2252756	2.60	cps
Boron	10-1	229516	243695	260816	244675	6.41	cps
Boron	11-1	978696	1040516	1050268	1023160	3.79	cps
Bromine	81-1	104083	103164	103939	103728	0.48	cps
Cadmium	111-1	1063657	1053101	1080554	1065771	1.30	cps
Cadmium	106-1	125201	125048	126040	125430	0.43	cps
Cadmium	108-1	82130	82193	83057	82460	0.63	cps
Calcium	43-1	8150962	8069215	8151381	8123853	0.58	cps
Calcium	44-1	125834871	132318630	130656253	129603251	2.60	cps
Carbon	12-1	6701653	6822586	6858287	6794175	1.21	cps
Carbon	12-2	65103	63295	64626	64341	1.46	cps
Chlorine	35-1	1578384	1563461	1561838	1567894	0.58	cps
Chlorine	35-2	7160	7394	7069	7208	2.33	cps
Chromium	52-2	751664	742832	707792	734096	3.16	cps
Cobalt	59-2	1269311	1264691	1251921	1261974	0.71	cps
Copper	63-2	10045704	10054340	9686603	9928882	2.11	cps
Dysprosium	156-1	625	508	525	553	11.41	cps
Dysprosium	156-2	123	107	97	109	12.37	cps
Erbium	164-1	75	125	83	94	28.36	cps
Erbium	164-2	13	20	13	16	24.76	cps
Gadolinium	160-1	442	308	375	375	17.78	cps
Gadolinium	160-2	153	157	207	172	17.35	cps
Holmium	165-1	13661145	13785571	14509138	13985285	3.27	cps
Holmium	165-2	3501626	3620731	3685751	3602703	2.59	cps
Indium	115-1	11581452	11483015	11791073	11618513	1.35	cps
Indium	115-2	975158	1001936	978997	985363	1.47	cps
Iron	54-2	8742688	8620118	8269791	8544199	2.87	cps
Iron	56-2	156451870	151339270	146372287	151387809	3.33	cps
Iron	57-2	3850397	3839880	3805956	3832078	0.61	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:44:27	DataFile Name :	059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	685	740	771	732	5.97	cps
Lead	206-1	13524042	13546119	13830539	13633566	1.25	cps
Lead	207-1	11984850	12158383	12000157	12047796	0.80	cps
Lead	208-1	54937807	55113871	54669547	54907075	0.41	cps
Lithium	6-1	6727178	6799983	6978521	6835227	1.89	cps
Magnesium	24-2	38809610	38498110	38077177	38461632	0.96	cps
Manganese	55-2	4236169	4033265	3916655	4062029	3.98	cps
Molybdenum	94-1	14247558	14477448	14406622	14377209	0.82	cps
Molybdenum	95-1	20888107	20388469	20896920	20724499	1.40	cps
Molybdenum	96-1	22280089	22136944	22896184	22437739	1.80	cps
Molybdenum	97-1	12535124	12638137	12740285	12637849	0.81	cps
Molybdenum	98-1	32749779	32305633	32143371	32399594	0.97	cps
Neodymium	150-1	367	527	460	451	17.82	cps
Neodymium	150-2	17	17	23	19	20.36	cps
Nickel	60-2	363391	370500	359053	364315	1.59	cps
Phosphorus	31-2	38886	37575	37725	38062	1.89	cps
Potassium	39-2	12072749	11932873	11407936	11804519	2.97	cps
Rhodium	103-1	10812611	11072891	11096493	10993998	1.43	cps
Rhodium	103-2	2739434	2905816	2935640	2860297	3.70	cps
Scandium	45-1	10065807	10013808	9736216	9938610	1.78	cps
Scandium	45-2	201441	205099	203735	203425	0.91	cps
Selenium	82-1	98187	98852	97195	98078	0.85	cps
Selenium	77-2	1870	1810	1860	1847	1.74	cps
Selenium	78-2	6298	6467	6138	6301	2.61	cps
Silicon	28-1	4434576	4486793	4562427	4494598	1.43	cps
Silver	107-1	5604114	5282922	5489502	5458846	2.98	cps
Silver	109-1	5212561	5012896	5172983	5132813	2.06	cps
Sodium	23-2	74219356	73945677	72261637	73475557	1.44	cps
Strontium	86-1	36079804	35413883	35138971	35544219	1.36	cps
Strontium	88-1	304895932	298537140	301042807	301491960	1.06	cps
Sulfur	34-1	979877	965682	966957	970839	0.81	cps
Terbium	159-1	14162635	14544160	15123311	14610035	3.31	cps
Terbium	159-2	3707670	3774807	3711648	3731375	1.01	cps
Thallium	203-1	3267246	3184530	3217485	3223087	1.29	cps
Thallium	205-1	7664149	7634854	7663919	7654307	0.22	cps
Tin	118-1	3179656	3284928	3304870	3256485	2.07	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:44:27	DataFile Name :	059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7005170	7006655	6904243	6972023	0.84	cps
Uranium	238-1	10610845	10439244	10369037	10473042	1.19	cps
Vanadium	51-2	581289	571717	553483	568830	2.48	cps
Ytterbium	172-1	150	142	150	147	3.27	cps
Ytterbium	172-2	28	44	44	39	24.75	cps
Ytterbium	176-1	9587	9470	9654	9570	0.97	cps
Ytterbium	176-2	8470	8447	8631	8516	1.18	cps
Yttrium	89-1	19835677	20166788	21118758	20373741	3.27	cps
Yttrium	89-2	1252652	1279314	1253697	1261888	1.20	cps
Zinc	66-2	1221929	1237860	1209499	1223096	1.16	cps
Zirconium	90-1	7551394	7328830	7490563	7456929	1.54	cps
Zirconium	91-1	1653274	1660526	1704709	1672836	1.66	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:52:16	DataFile Name :	060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	117	116	125	10.72	cps
Antimony	121-1	400	583	683	556	25.87	cps
Arsenic	75-2	3	2	2	2	24.74	cps
Barium	135-1	50	42	33	42	20.00	cps
Barium	137-1	100	67	50	72	35.25	cps
Beryllium	9-1	129	145	114	129	12.10	cps
Bismuth	209-1	8484726	8495241	8621812	8533926	0.89	cps
Bismuth	209-2	2425269	2672076	2791803	2629716	7.11	cps
Boron	10-1	17163	16684	16466	16771	2.12	cps
Boron	11-1	75873	73899	72940	74237	2.01	cps
Bromine	81-1	101491	100038	104716	102081	2.35	cps
Cadmium	111-1	4489	4911	4634	4678	4.59	cps
Cadmium	106-1	6352	6960	6660	6657	4.57	cps
Cadmium	108-1	46	33	58	46	27.27	cps
Calcium	43-1	236	295	246	259	12.13	cps
Calcium	44-1	15445	15998	15156	15533	2.75	cps
Carbon	12-1	6235510	6235827	6193017	6221452	0.40	cps
Carbon	12-2	54401	54217	55522	54714	1.29	cps
Chlorine	35-1	1189686	1172378	1164191	1175418	1.11	cps
Chlorine	35-2	5176	5601	5426	5401	3.96	cps
Chromium	52-2	473	477	410	453	8.29	cps
Cobalt	59-2	47	63	40	50	24.03	cps
Copper	63-2	1537	1607	1523	1556	2.88	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	83	67	72	13.33	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	67	42	125	78	54.98	cps
Gadolinium	160-2	50	57	87	64	30.31	cps
Holmium	165-1	14084400	13731344	13742957	13852900	1.45	cps
Holmium	165-2	3578135	3598897	3578634	3585222	0.33	cps
Indium	115-1	12396180	12466376	12645516	12502690	1.03	cps
Indium	115-2	1041709	1032373	1082540	1052207	2.54	cps
Iron	54-2	733	500	511	582	22.64	cps
Iron	56-2	3267	3740	3456	3488	6.82	cps
Iron	57-2	94	78	78	83	11.55	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:52:16	DataFile Name :	060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	665	729	669	687	5.20	cps
Lead	206-1	1272	1500	1356	1376	8.38	cps
Lead	207-1	1106	1050	1183	1113	6.02	cps
Lead	208-1	5267	5017	5189	5158	2.48	cps
Lithium	6-1	7265169	7046985	7398874	7237009	2.45	cps
Magnesium	24-2	325	233	283	281	16.36	cps
Manganese	55-2	63	53	50	56	12.49	cps
Molybdenum	94-1	1092	825	800	906	17.85	cps
Molybdenum	95-1	1175	1133	1108	1139	2.96	cps
Molybdenum	96-1	1783	1558	1108	1483	23.17	cps
Molybdenum	97-1	758	542	558	619	19.46	cps
Molybdenum	98-1	1909	1634	1325	1622	17.99	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	50	43	54	25.49	cps
Phosphorus	31-2	5426	5384	5018	5276	4.26	cps
Potassium	39-2	12147	11730	11922	11933	1.75	cps
Rhodium	103-1	11966349	12027076	12147502	12046976	0.77	cps
Rhodium	103-2	3086917	3008067	3240259	3111748	3.79	cps
Scandium	45-1	9772159	9665916	10064558	9834211	2.10	cps
Scandium	45-2	205773	201793	211471	206346	2.36	cps
Selenium	82-1	107	20	106	78	64.38	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	51	50	44	48	7.84	cps
Silicon	28-1	783733	771720	754198	769884	1.93	cps
Silver	107-1	392	333	383	369	8.54	cps
Silver	109-1	283	300	308	297	4.28	cps
Sodium	23-2	45613	46500	46650	46254	1.21	cps
Strontium	86-1	1417	1475	1225	1372	9.53	cps
Strontium	88-1	1458	2525	833	1606	53.28	cps
Sulfur	34-1	442141	440212	446413	442922	0.72	cps
Terbium	159-1	14668858	13969288	14446662	14361603	2.49	cps
Terbium	159-2	3683910	3769387	3859535	3770944	2.33	cps
Thallium	203-1	867	858	817	847	3.16	cps
Thallium	205-1	2059	2159	2000	2072	3.86	cps
Tin	118-1	3684	3626	3651	3653	0.80	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:52:16	DataFile Name :	060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	458	467	433	453	3.83	cps
Uranium	238-1	92	108	33	78	50.64	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Ytterbium	172-1	92	83	75	83	10.00	cps
Ytterbium	172-2	17	39	33	30	39.02	cps
Ytterbium	176-1	1950	2150	2059	2053	4.88	cps
Ytterbium	176-2	6441	6891	6752	6694	3.44	cps
Yttrium	89-1	20628538	21065683	21074137	20922786	1.22	cps
Yttrium	89-2	1253956	1247317	1338642	1279972	3.98	cps
Zinc	66-2	160	133	153	149	9.32	cps
Zirconium	90-1	975	992	758	908	14.33	cps
Zirconium	91-1	100	142	158	133	22.54	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DADL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:55:28	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119185	118199	117624	118336	0.67	cps
Antimony	121-1	646906	649108	656664	650892	0.79	cps
Arsenic	75-2	13376	13301	12949	13208	1.72	cps
Barium	135-1	933242	948404	939588	940411	0.81	cps
Barium	137-1	1634119	1660572	1644158	1646283	0.81	cps
Beryllium	9-1	305804	309163	311868	308945	0.98	cps
Bismuth	209-1	7806880	8128643	7946506	7960676	2.03	cps
Bismuth	209-2	2463213	2308914	2413822	2395316	3.29	cps
Boron	10-1	203043	214973	220818	212945	4.25	cps
Boron	11-1	887579	930005	978889	932158	4.90	cps
Bromine	81-1	996919	1168804	1252888	1139537	11.45	cps
Cadmium	111-1	222260	223931	225221	223804	0.66	cps
Cadmium	106-1	31454	31745	32172	31790	1.14	cps
Cadmium	108-1	16510	16493	17207	16737	2.43	cps
Calcium	43-1	540238	543472	537215	540309	0.58	cps
Calcium	44-1	8599438	8923621	8977647	8833568	2.32	cps
Carbon	12-1	7184886	7432583	7472262	7363244	2.11	cps
Carbon	12-2	69373	68443	69892	69236	1.06	cps
Chlorine	35-1	5973110	6618640	7226690	6606147	9.49	cps
Chlorine	35-2	43073	46492	48984	46183	6.42	cps
Chromium	52-2	149723	147651	147615	148330	0.81	cps
Cobalt	59-2	265885	265685	262293	264621	0.76	cps
Copper	63-2	2244611	2309281	2297224	2283706	1.51	cps
Dysprosium	156-1	75	58	58	64	15.06	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	125	50	108	94	41.70	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	183	117	100	133	33.07	cps
Gadolinium	160-2	90	117	103	103	12.90	cps
Holmium	165-1	14162702	14766962	14287273	14405646	2.21	cps
Holmium	165-2	3636820	3505413	3798243	3646825	4.02	cps
Indium	115-1	11872092	11927841	11937683	11912538	0.30	cps
Indium	115-2	1049154	999352	1061399	1036635	3.17	cps
Iron	54-2	378543	382392	381959	380965	0.55	cps
Iron	56-2	6975341	6908586	6910630	6931519	0.55	cps
Iron	57-2	170522	169917	167508	169316	0.94	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DADL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:55:28	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	732	755	716	735	2.65	cps
Lead	206-1	2842633	2823477	2811295	2825802	0.56	cps
Lead	207-1	2461626	2434423	2484531	2460193	1.02	cps
Lead	208-1	11078421	11188613	11315289	11194108	1.06	cps
Lithium	6-1	6759856	7168910	7140907	7023224	3.25	cps
Magnesium	24-2	4689051	4582553	4576879	4616161	1.37	cps
Manganese	55-2	1128080	1145911	1123917	1132636	1.03	cps
Molybdenum	94-1	1727652	1804795	1781929	1771459	2.24	cps
Molybdenum	95-1	2182939	2182520	2214693	2193384	0.84	cps
Molybdenum	96-1	2423216	2452880	2505142	2460412	1.69	cps
Molybdenum	97-1	1325476	1347469	1356280	1343075	1.18	cps
Molybdenum	98-1	3345326	3386034	3426742	3386034	1.20	cps
Neodymium	150-1	87	73	107	89	18.88	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	68685	69817	68153	68885	1.23	cps
Phosphorus	31-2	6126	6160	5484	5924	6.43	cps
Potassium	39-2	1935633	1923699	1908827	1922720	0.70	cps
Rhodium	103-1	11350508	11705642	11616914	11557688	1.60	cps
Rhodium	103-2	3029771	2890536	3136240	3018849	4.08	cps
Scandium	45-1	9964631	10415075	10255907	10211871	2.24	cps
Scandium	45-2	213323	199436	217829	210196	4.56	cps
Selenium	82-1	20218	20025	20286	20176	0.67	cps
Selenium	77-2	350	400	340	363	8.85	cps
Selenium	78-2	1269	1308	1294	1291	1.53	cps
Silicon	28-1	8978628	8812691	8693728	8828349	1.62	cps
Silver	107-1	746303	764978	750126	753802	1.31	cps
Silver	109-1	715601	1836597	631766	1061321	63.38	cps
Sodium	23-2	96417277	94968425	96377425	95921042	0.86	cps
Strontium	86-1	655615	677740	677486	670280	1.89	cps
Strontium	88-1	5735957	5829685	5936166	5833936	1.72	cps
Sulfur	34-1	1536030	1512918	1529908	1526286	0.78	cps
Terbium	159-1	14428276	15544927	15035478	15002894	3.73	cps
Terbium	159-2	3758985	3788748	3932511	3826748	2.42	cps
Thallium	203-1	627999	651614	636815	638809	1.87	cps
Thallium	205-1	1507744	1529794	1522272	1519937	0.74	cps
Tin	118-1	654352	657921	657241	656505	0.29	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106DADL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 20:55:28	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	703498	725432	709170	712700	1.60	cps
Uranium	238-1	2056503	2130624	2116771	2101299	1.88	cps
Vanadium	51-2	119639	118147	119411	119066	0.67	cps
Ytterbium	172-1	58	125	75	86	40.29	cps
Ytterbium	172-2	11	11	39	20	78.74	cps
Ytterbium	176-1	2409	2225	1992	2209	9.46	cps
Ytterbium	176-2	6830	6224	7096	6717	6.66	cps
Yttrium	89-1	21060701	21192276	21429097	21227358	0.88	cps
Yttrium	89-2	1325888	1269490	1340165	1311848	2.85	cps
Zinc	66-2	225497	224099	223502	224366	0.46	cps
Zirconium	90-1	1475439	1494418	1483957	1484605	0.64	cps
Zirconium	91-1	318618	322806	320382	320602	0.66	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4262-06	Instrumnet Name :	P8
Client Sample ID :	MW-101D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:58:26	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11945	11492	11648	11695	1.97	cps
Antimony	121-1	1617	1433	1767	1606	10.40	cps
Arsenic	75-2	92	114	117	108	12.68	cps
Barium	135-1	130150	130628	128945	129908	0.67	cps
Barium	137-1	225237	225556	223907	224900	0.39	cps
Beryllium	9-1	220	232	259	237	8.34	cps
Bismuth	209-1	8488439	8248236	8172149	8302941	1.99	cps
Bismuth	209-2	2495816	2592501	2629381	2572566	2.68	cps
Boron	10-1	209065	209826	224572	214487	4.08	cps
Boron	11-1	907423	903591	965761	925592	3.76	cps
Bromine	81-1	428399	469194	477161	458251	5.71	cps
Cadmium	111-1	5285	5301	5060	5215	2.59	cps
Cadmium	106-1	7411	7411	7035	7285	2.97	cps
Cadmium	108-1	63	46	75	61	23.95	cps
Calcium	43-1	1940798	1916189	1976874	1944620	1.57	cps
Calcium	44-1	31268831	31367548	31202663	31279681	0.27	cps
Carbon	12-1	9005549	9894130	10585641	9828440	8.06	cps
Carbon	12-2	101844	104798	104806	103816	1.64	cps
Chlorine	35-1	6486060	6851963	7341658	6893227	6.23	cps
Chlorine	35-2	37290	38853	38761	38301	2.29	cps
Chromium	52-2	9583	9573	9353	9503	1.37	cps
Cobalt	59-2	2814	2674	2684	2724	2.87	cps
Copper	63-2	9660	9403	10004	9689	3.11	cps
Dysprosium	156-1	1167	1242	1233	1214	3.39	cps
Dysprosium	156-2	270	250	300	273	9.21	cps
Erbium	164-1	917	1025	883	942	7.87	cps
Erbium	164-2	283	217	190	230	20.90	cps
Gadolinium	160-1	1217	1208	992	1139	11.20	cps
Gadolinium	160-2	367	337	310	338	8.39	cps
Holmium	165-1	14222248	14159754	14278356	14220119	0.42	cps
Holmium	165-2	3692493	3941269	3883545	3839102	3.39	cps
Indium	115-1	11944056	12366196	12138682	12149645	1.74	cps
Indium	115-2	1075579	1086860	1081510	1081316	0.52	cps
Iron	54-2	25200	24204	24788	24731	2.02	cps
Iron	56-2	443427	426266	434631	434774	1.97	cps
Iron	57-2	13167	13028	13212	13136	0.73	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4262-06	Instrumnet Name :	P8
Client Sample ID :	MW-101D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:58:26	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	731	789	719	746	5.00	cps
Lead	206-1	21318	21913	22314	21848	2.29	cps
Lead	207-1	17707	18508	18909	18374	3.33	cps
Lead	208-1	83306	84414	85181	84300	1.12	cps
Lithium	6-1	7206471	7259566	7309146	7258394	0.71	cps
Magnesium	24-2	6916058	6789904	6947612	6884525	1.21	cps
Manganese	55-2	117036	113033	113495	114521	1.91	cps
Molybdenum	94-1	3025	3059	3392	3159	6.42	cps
Molybdenum	95-1	2942	3626	3376	3314	10.43	cps
Molybdenum	96-1	3559	4201	4059	3940	8.56	cps
Molybdenum	97-1	2100	2159	2592	2284	11.77	cps
Molybdenum	98-1	5201	5343	5343	5296	1.54	cps
Neodymium	150-1	1613	1667	1527	1602	4.41	cps
Neodymium	150-2	297	367	330	331	10.58	cps
Nickel	60-2	2003	1810	1793	1869	6.25	cps
Phosphorus	31-2	5518	5985	5718	5740	4.08	cps
Potassium	39-2	1375740	1355557	1350466	1360588	0.98	cps
Rhodium	103-1	11585284	11725445	11433725	11581485	1.26	cps
Rhodium	103-2	3198078	3120435	3229092	3182535	1.76	cps
Scandium	45-1	10204161	9918527	9868198	9996962	1.81	cps
Scandium	45-2	212851	217848	218129	216276	1.37	cps
Selenium	82-1	611	570	671	617	8.25	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	84	56	52	64	27.24	cps
Silicon	28-1	66286506	68215908	68993722	67832045	2.05	cps
Silver	107-1	858	708	667	744	13.54	cps
Silver	109-1	775	567	600	647	17.29	cps
Sodium	23-2	46763469	44951524	45816559	45843851	1.98	cps
Strontium	86-1	1829557	1811683	1787474	1809571	1.17	cps
Strontium	88-1	15027565	15011920	15412353	15150613	1.50	cps
Sulfur	34-1	1801260	1770081	1820888	1797410	1.43	cps
Terbium	159-1	14959285	14757199	14594931	14770472	1.24	cps
Terbium	159-2	4018863	3994629	4090780	4034757	1.24	cps
Thallium	203-1	875	817	717	803	9.97	cps
Thallium	205-1	1809	2034	1867	1903	6.14	cps
Tin	118-1	3492	3792	3751	3678	4.42	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4262-06	Instrumnet Name :	P8
Client Sample ID :	MW-101D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 20:58:26	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9453	10020	9787	9754	2.92	cps
Uranium	238-1	17387	17596	18180	17721	2.32	cps
Vanadium	51-2	2170	1967	1840	1992	8.36	cps
Ytterbium	172-1	400	350	250	333	22.91	cps
Ytterbium	172-2	67	117	111	98	27.92	cps
Ytterbium	176-1	2475	2350	2434	2420	2.63	cps
Ytterbium	176-2	6952	6774	7302	7009	3.83	cps
Yttrium	89-1	21121603	21539686	21116291	21259194	1.14	cps
Yttrium	89-2	1388205	1416254	1440586	1415015	1.85	cps
Zinc	66-2	17684	16683	16900	17089	3.08	cps
Zirconium	90-1	3134	3125	3484	3248	6.30	cps
Zirconium	91-1	583	767	892	747	20.76	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-04DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106IDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:01:29	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	426	365	417	403	8.22	cps
Antimony	121-1	358	492	2629	1160	109.87	cps
Arsenic	75-2	180	194	179	184	4.55	cps
Barium	135-1	30811	31137	32663	31537	3.13	cps
Barium	137-1	52194	52043	59825	54687	8.14	cps
Beryllium	9-1	102	92	320	172	74.89	cps
Bismuth	209-1	8283006	8485859	8617219	8462028	1.99	cps
Bismuth	209-2	2653232	2911175	2481604	2682004	8.06	cps
Boron	10-1	101543	106674	106293	104836	2.73	cps
Boron	11-1	467344	486253	481967	478521	2.07	cps
Bromine	81-1	590679	681745	733738	668720	10.83	cps
Cadmium	111-1	5011	4747	6038	5266	12.95	cps
Cadmium	106-1	7119	6693	7494	7102	5.64	cps
Cadmium	108-1	25	25	83	44	75.78	cps
Calcium	43-1	94509	94554	96403	95156	1.14	cps
Calcium	44-1	1595624	1559407	1596511	1583847	1.34	cps
Carbon	12-1	8090110	8089247	8235355	8138237	1.03	cps
Carbon	12-2	74749	73258	73819	73942	1.02	cps
Chlorine	35-1	5947405	6463062	6635764	6348744	5.64	cps
Chlorine	35-2	34391	36162	36229	35594	2.93	cps
Chromium	52-2	627	640	663	643	2.89	cps
Cobalt	59-2	113	120	143	126	12.55	cps
Copper	63-2	2234	2447	2374	2351	4.61	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	0	13	13	9	86.60	cps
Erbium	164-1	67	92	50	69	30.20	cps
Erbium	164-2	13	37	23	24	47.91	cps
Gadolinium	160-1	75	125	142	114	30.46	cps
Gadolinium	160-2	77	103	97	92	15.05	cps
Holmium	165-1	13945540	13945902	14570365	14153936	2.55	cps
Holmium	165-2	3722768	4157276	3817786	3899277	5.86	cps
Indium	115-1	12458819	12753015	13087231	12766355	2.46	cps
Indium	115-2	1059895	1196908	1072716	1109840	6.82	cps
Iron	54-2	3089	2789	2911	2930	5.15	cps
Iron	56-2	48109	45467	46287	46621	2.90	cps
Iron	57-2	1478	1239	1211	1309	11.20	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-04DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106IDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:01:29	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	726	652	687	689	5.36	cps
Lead	206-1	2122	2311	4376	2937	42.57	cps
Lead	207-1	1922	1934	4020	2625	46.00	cps
Lead	208-1	8940	8824	18033	11932	44.28	cps
Lithium	6-1	7252555	7377903	7755709	7462055	3.51	cps
Magnesium	24-2	1304493	1283345	1279177	1289005	1.05	cps
Manganese	55-2	2524	2400	2207	2377	6.72	cps
Molybdenum	94-1	6427	5910	11883	8073	41.00	cps
Molybdenum	95-1	10146	9879	18108	12711	36.79	cps
Molybdenum	96-1	11438	11055	20722	14405	38.00	cps
Molybdenum	97-1	6260	6335	11949	8181	39.88	cps
Molybdenum	98-1	15626	15467	33318	21471	47.79	cps
Neodymium	150-1	47	40	67	51	27.15	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	160	123	167	150	15.55	cps
Phosphorus	31-2	5226	5676	5468	5457	4.13	cps
Potassium	39-2	826771	811189	781288	806416	2.87	cps
Rhodium	103-1	11291493	12080015	12139321	11836943	4.00	cps
Rhodium	103-2	3133195	3452848	3142681	3242908	5.61	cps
Scandium	45-1	10198098	10313379	10496462	10335980	1.46	cps
Scandium	45-2	213463	237232	214117	221604	6.11	cps
Selenium	82-1	460	540	611	537	14.09	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	52	48	32	44	24.06	cps
Silicon	28-1	5370594	5403568	5338589	5370917	0.60	cps
Silver	107-1	367	383	1928	893	100.44	cps
Silver	109-1	300	275	1318	631	94.30	cps
Sodium	23-2	49618357	47565488	47122400	48102082	2.77	cps
Strontium	86-1	200377	204328	204570	203092	1.16	cps
Strontium	88-1	1802645	1735843	1831568	1790019	2.74	cps
Sulfur	34-1	1162882	1151149	1177702	1163911	1.14	cps
Terbium	159-1	14718649	15376441	15815283	15303458	3.61	cps
Terbium	159-2	3975121	4446846	3992147	4138038	6.47	cps
Thallium	203-1	492	517	1134	714	50.93	cps
Thallium	205-1	1300	1150	2885	1778	54.06	cps
Tin	118-1	3309	3301	5832	4147	35.18	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4229-04DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-106IDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:01:29	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	925	892	1534	1117	32.35	cps
Uranium	238-1	2742	3159	4577	3493	27.54	cps
Vanadium	51-2	1353	1497	1420	1423	5.04	cps
Ytterbium	172-1	100	158	75	111	38.49	cps
Ytterbium	172-2	11	61	33	35	71.20	cps
Ytterbium	176-1	2375	2542	2259	2392	5.95	cps
Ytterbium	176-2	6791	7908	6785	7161	9.03	cps
Yttrium	89-1	20909404	21418472	21796473	21374783	2.08	cps
Yttrium	89-2	1373810	1546050	1378634	1432831	6.85	cps
Zinc	66-2	1060	907	880	949	10.24	cps
Zirconium	90-1	967	1175	3629	1924	76.97	cps
Zirconium	91-1	200	283	909	464	83.48	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:04:35	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185	197	176	186	5.73	cps
Antimony	121-1	658	758	783	733	9.02	cps
Arsenic	75-2	36	25	34	32	18.50	cps
Barium	135-1	26635	25566	26644	26282	2.36	cps
Barium	137-1	44073	45159	46289	45174	2.45	cps
Beryllium	9-1	82	126	165	125	33.13	cps
Bismuth	209-1	7612333	7496785	7562123	7557080	0.77	cps
Bismuth	209-2	2404824	2341565	2327115	2357835	1.75	cps
Boron	10-1	296236	317705	341867	318603	7.17	cps
Boron	11-1	1330147	1439426	1493139	1420904	5.85	cps
Bromine	81-1	2900177	3244412	3500975	3215188	9.38	cps
Cadmium	111-1	4968	4626	5074	4890	4.79	cps
Cadmium	106-1	7060	6510	7219	6930	5.37	cps
Cadmium	108-1	17	50	71	46	59.61	cps
Calcium	43-1	779996	787307	807804	791702	1.82	cps
Calcium	44-1	12476045	12741915	12996095	12738018	2.04	cps
Carbon	12-1	8800923	9034101	9202659	9012561	2.24	cps
Carbon	12-2	83227	83696	82809	83244	0.53	cps
Chlorine	35-1	24795933	29855083	32703581	29118199	13.75	cps
Chlorine	35-2	195288	194782	199867	196646	1.42	cps
Chromium	52-2	1250	1100	1080	1143	8.13	cps
Cobalt	59-2	1253	1117	1067	1146	8.44	cps
Copper	63-2	1860	1827	1837	1841	0.93	cps
Dysprosium	156-1	83	25	100	69	56.71	cps
Dysprosium	156-2	20	7	7	11	69.25	cps
Erbium	164-1	192	167	133	164	17.86	cps
Erbium	164-2	23	30	27	27	12.51	cps
Gadolinium	160-1	183	192	92	156	35.67	cps
Gadolinium	160-2	93	83	87	88	5.80	cps
Holmium	165-1	14372214	14092938	14246648	14237266	0.98	cps
Holmium	165-2	3773823	3869821	3686083	3776576	2.43	cps
Indium	115-1	12285963	11800524	11843921	11976802	2.24	cps
Indium	115-2	1045710	1038387	1042020	1042039	0.35	cps
Iron	54-2	39650	40140	38998	39596	1.45	cps
Iron	56-2	709954	704765	695953	703557	1.01	cps
Iron	57-2	18473	18724	18245	18481	1.30	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:04:35	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	784	777	759	773	1.68	cps
Lead	206-1	1661	1539	1711	1637	5.41	cps
Lead	207-1	1389	1411	1734	1511	12.76	cps
Lead	208-1	6101	6201	7662	6655	13.14	cps
Lithium	6-1	6990884	6805513	7171571	6989323	2.62	cps
Magnesium	24-2	12780967	13182697	12657613	12873759	2.13	cps
Manganese	55-2	567310	561127	552585	560340	1.32	cps
Molybdenum	94-1	3476	3634	5094	4068	21.94	cps
Molybdenum	95-1	3817	4209	5678	4568	21.47	cps
Molybdenum	96-1	4409	5001	6495	5302	20.28	cps
Molybdenum	97-1	2659	2550	3851	3020	23.90	cps
Molybdenum	98-1	6402	6552	8022	6992	12.81	cps
Neodymium	150-1	80	80	113	91	21.13	cps
Neodymium	150-2	7	17	20	14	48.02	cps
Nickel	60-2	917	873	813	868	5.98	cps
Phosphorus	31-2	5501	5409	5434	5448	0.87	cps
Potassium	39-2	3300749	3214584	3162860	3226065	2.16	cps
Rhodium	103-1	11395899	11146899	11037786	11193528	1.64	cps
Rhodium	103-2	3007367	3013073	2990599	3003680	0.39	cps
Scandium	45-1	10580657	9992827	10062270	10211918	3.15	cps
Scandium	45-2	218394	218471	212908	216591	1.47	cps
Selenium	82-1	1839	2123	2515	2159	15.73	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	41	41	40	41	1.42	cps
Silicon	28-1	10144575	10285497	10397680	10275917	1.23	cps
Silver	107-1	317	475	708	500	39.41	cps
Silver	109-1	367	375	784	508	46.88	cps
Sodium	23-2	266915523	255691481	252044564	258217189	3.00	cps
Strontium	86-1	1435375	1416099	1423456	1424977	0.68	cps
Strontium	88-1	11808186	11853070	12154418	11938558	1.58	cps
Sulfur	34-1	2668710	2688022	2719568	2692100	0.95	cps
Terbium	159-1	15112722	15398943	14530090	15013918	2.95	cps
Terbium	159-2	3894316	3901397	3920357	3905357	0.34	cps
Thallium	203-1	617	717	767	700	10.91	cps
Thallium	205-1	1650	1717	1809	1725	4.61	cps
Tin	118-1	2884	3242	2884	3003	6.89	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:04:35	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1292	1892	1767	1650	19.19	cps
Uranium	238-1	23631	23063	24232	23642	2.47	cps
Vanadium	51-2	63	60	63	62	3.09	cps
Ytterbium	172-1	92	175	58	108	55.47	cps
Ytterbium	172-2	11	28	61	33	76.38	cps
Ytterbium	176-1	2267	2417	2159	2281	5.69	cps
Ytterbium	176-2	6896	6846	6907	6883	0.47	cps
Yttrium	89-1	20968713	20676695	21290515	20978641	1.46	cps
Yttrium	89-2	1411378	1378601	1391361	1393780	1.19	cps
Zinc	66-2	1553	1283	1447	1428	9.53	cps
Zirconium	90-1	4309	3876	5018	4401	13.10	cps
Zirconium	91-1	925	883	1058	956	9.57	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:07:40	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	355	347	415	372	9.93	cps
Antimony	121-1	383	483	425	431	11.67	cps
Arsenic	75-2	50	52	51	51	1.96	cps
Barium	135-1	25617	25308	25633	25519	0.72	cps
Barium	137-1	44867	43187	45110	44388	2.36	cps
Beryllium	9-1	101	105	94	100	5.73	cps
Bismuth	209-1	8555223	8420014	8539686	8504974	0.87	cps
Bismuth	209-2	2652226	2728135	2759791	2713384	2.04	cps
Boron	10-1	83910	83292	84610	83937	0.79	cps
Boron	11-1	387421	396229	390291	391314	1.15	cps
Bromine	81-1	801219	858591	876896	845569	4.67	cps
Cadmium	111-1	4906	4825	5135	4955	3.25	cps
Cadmium	106-1	7019	6869	7235	7041	2.62	cps
Cadmium	108-1	33	42	13	29	51.51	cps
Calcium	43-1	77553	78315	78414	78094	0.60	cps
Calcium	44-1	1290970	1281764	1335892	1302876	2.22	cps
Carbon	12-1	7028773	7214511	7268515	7170600	1.75	cps
Carbon	12-2	68133	67606	69021	68253	1.05	cps
Chlorine	35-1	12404091	12514275	12259057	12392474	1.03	cps
Chlorine	35-2	58553	58703	56913	58056	1.71	cps
Chromium	52-2	710	763	733	736	3.63	cps
Cobalt	59-2	223	217	173	204	13.28	cps
Copper	63-2	2974	3024	2754	2917	4.93	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	42	75	53	36.46	cps
Erbium	164-2	13	20	10	14	35.26	cps
Gadolinium	160-1	75	108	117	100	22.05	cps
Gadolinium	160-2	83	80	110	91	18.05	cps
Holmium	165-1	14475766	14678567	14435069	14529800	0.90	cps
Holmium	165-2	3883268	3992398	3964986	3946884	1.44	cps
Indium	115-1	12734279	12661315	13025937	12807177	1.51	cps
Indium	115-2	1105280	1147913	1141064	1131419	2.02	cps
Iron	54-2	3123	3389	3073	3195	5.33	cps
Iron	56-2	47061	49883	46404	47783	3.87	cps
Iron	57-2	1322	1378	1456	1385	4.84	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:07:40	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	729	707	700	712	2.09	cps
Lead	206-1	2056	2078	2189	2108	3.39	cps
Lead	207-1	1750	1972	1811	1845	6.22	cps
Lead	208-1	8296	8440	8574	8436	1.65	cps
Lithium	6-1	7254444	7311765	7184007	7250072	0.88	cps
Magnesium	24-2	543242	551689	532464	542465	1.78	cps
Manganese	55-2	68470	65145	63695	65770	3.72	cps
Molybdenum	94-1	2059	1817	1984	1953	6.34	cps
Molybdenum	95-1	2967	2675	2759	2800	5.37	cps
Molybdenum	96-1	2959	3050	3159	3056	3.28	cps
Molybdenum	97-1	1725	1892	1608	1742	8.18	cps
Molybdenum	98-1	4476	3826	5018	4440	13.44	cps
Neodymium	150-1	0	20	33	18	94.37	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	140	133	147	140	4.76	cps
Phosphorus	31-2	5910	5593	5318	5607	5.28	cps
Potassium	39-2	651573	649484	619219	640092	2.83	cps
Rhodium	103-1	12009618	11697855	12219166	11975546	2.19	cps
Rhodium	103-2	3210452	3403193	3447843	3353829	3.76	cps
Scandium	45-1	10204793	10312200	10396633	10304542	0.93	cps
Scandium	45-2	222595	228114	227111	225940	1.30	cps
Selenium	82-1	532	594	617	581	7.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	32	43	34	36	16.13	cps
Silicon	28-1	9076022	9234120	9361951	9224031	1.55	cps
Silver	107-1	250	225	308	261	16.38	cps
Silver	109-1	158	167	183	169	7.51	cps
Sodium	23-2	47905703	48765735	47456342	48042593	1.38	cps
Strontium	86-1	115030	112274	113208	113504	1.24	cps
Strontium	88-1	989325	954275	959583	967728	1.95	cps
Sulfur	34-1	1092191	1084128	1088935	1088418	0.37	cps
Terbium	159-1	14969838	15468952	15230927	15223239	1.64	cps
Terbium	159-2	3857308	4215929	4171567	4081601	4.79	cps
Thallium	203-1	542	625	433	533	18.02	cps
Thallium	205-1	1367	1258	1242	1289	5.27	cps
Tin	118-1	2759	2634	2667	2686	2.41	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103DDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:07:40	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1017	942	1017	992	4.37	cps
Uranium	238-1	2300	2334	2434	2356	2.95	cps
Vanadium	51-2	390	407	433	410	5.33	cps
Ytterbium	172-1	50	58	125	78	52.86	cps
Ytterbium	172-2	39	11	22	24	58.08	cps
Ytterbium	176-1	2192	2417	2175	2261	5.97	cps
Ytterbium	176-2	6958	7269	7891	7373	6.45	cps
Yttrium	89-1	21919531	21386401	21384640	21563524	1.43	cps
Yttrium	89-2	1426116	1515967	1473721	1471935	3.05	cps
Zinc	66-2	757	710	847	771	9.01	cps
Zirconium	90-1	750	958	1133	947	20.26	cps
Zirconium	91-1	108	142	158	136	18.70	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103IDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:10:46	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305	256	262	275	9.66	cps
Antimony	121-1	2543	225	325	1031	127.10	cps
Arsenic	75-2	225	201	236	221	8.11	cps
Barium	135-1	126492	115450	120006	120650	4.60	cps
Barium	137-1	214938	200956	208726	208207	3.36	cps
Beryllium	9-1	1624	130	155	636	134.44	cps
Bismuth	209-1	8771152	8746897	8619838	8712629	0.93	cps
Bismuth	209-2	2727090	2762258	2685027	2724792	1.42	cps
Boron	10-1	84880	89584	90936	88466	3.59	cps
Boron	11-1	394721	408528	424048	409099	3.59	cps
Bromine	81-1	716346	790313	842315	782991	8.08	cps
Cadmium	111-1	6246	5552	4883	5560	12.25	cps
Cadmium	106-1	7761	7852	6885	7499	7.12	cps
Cadmium	108-1	100	17	46	54	78.07	cps
Calcium	43-1	566568	559507	561072	562382	0.66	cps
Calcium	44-1	9155646	8876731	9298700	9110359	2.36	cps
Carbon	12-1	9126449	9271337	9397792	9265193	1.47	cps
Carbon	12-2	87050	84836	85725	85870	1.30	cps
Chlorine	35-1	9020875	9340536	9896944	9419452	4.71	cps
Chlorine	35-2	50430	49686	48674	49597	1.78	cps
Chromium	52-2	1147	1023	990	1053	7.84	cps
Cobalt	59-2	313	243	263	273	13.19	cps
Copper	63-2	2554	2174	2444	2390	8.18	cps
Dysprosium	156-1	0	42	0	14	173.21	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	58	67	67	64	7.53	cps
Erbium	164-2	20	7	10	12	56.76	cps
Gadolinium	160-1	167	117	133	139	18.33	cps
Gadolinium	160-2	90	90	60	80	21.65	cps
Holmium	165-1	15138884	14972132	15069499	15060171	0.56	cps
Holmium	165-2	4051323	4013511	3959020	4007951	1.16	cps
Indium	115-1	13065730	13241951	13119527	13142402	0.69	cps
Indium	115-2	1172244	1135969	1135715	1147976	1.83	cps
Iron	54-2	21055	20009	20509	20524	2.55	cps
Iron	56-2	369835	365140	363461	366145	0.90	cps
Iron	57-2	10093	9715	9826	9878	1.97	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103IDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:10:46	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	687	675	684	682	0.94	cps
Lead	206-1	15072	1950	2078	6367	118.42	cps
Lead	207-1	12592	1967	1939	5499	111.69	cps
Lead	208-1	57217	8435	8557	24736	113.72	cps
Lithium	6-1	7466170	7485054	7531932	7494385	0.45	cps
Magnesium	24-2	3284670	3254911	3176390	3238657	1.73	cps
Manganese	55-2	162837	156997	157278	159037	2.07	cps
Molybdenum	94-1	10122	1025	1075	4074	128.56	cps
Molybdenum	95-1	13281	1250	1492	5341	128.77	cps
Molybdenum	96-1	16346	1567	1867	6593	128.12	cps
Molybdenum	97-1	9017	692	975	3561	132.73	cps
Molybdenum	98-1	21064	2159	1909	8377	131.17	cps
Neodymium	150-1	27	20	0	16	89.22	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	260	170	247	226	21.54	cps
Phosphorus	31-2	6985	7052	6877	6971	1.27	cps
Potassium	39-2	784441	769061	761327	771609	1.52	cps
Rhodium	103-1	12324239	12627701	12480318	12477420	1.22	cps
Rhodium	103-2	3404873	3364389	3308503	3359255	1.44	cps
Scandium	45-1	10918332	10680204	10675531	10758022	1.29	cps
Scandium	45-2	233426	227989	223059	228158	2.27	cps
Selenium	82-1	600	510	652	587	12.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	42	41	42	2.38	cps
Silicon	28-1	13282677	13882776	13646408	13603954	2.22	cps
Silver	107-1	583	350	300	411	36.79	cps
Silver	109-1	775	233	192	400	81.37	cps
Sodium	23-2	41431751	39796021	39751575	40326449	2.37	cps
Strontium	86-1	585049	584144	566773	578655	1.78	cps
Strontium	88-1	5139325	5049246	4841296	5009956	3.05	cps
Sulfur	34-1	822826	817752	821194	820591	0.32	cps
Terbium	159-1	15685853	15684311	15924567	15764910	0.88	cps
Terbium	159-2	4290201	4146402	4157753	4198118	1.90	cps
Thallium	203-1	3344	550	508	1468	110.76	cps
Thallium	205-1	8758	1142	1450	3783	113.95	cps
Tin	118-1	6036	2900	2884	3940	46.07	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103IDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 21:10:46	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5605	1250	1600	2818	85.85	cps
Uranium	238-1	9598	433	617	3549	147.61	cps
Vanadium	51-2	237	133	150	173	32.01	cps
Ytterbium	172-1	92	75	42	69	36.66	cps
Ytterbium	172-2	22	28	33	28	20.00	cps
Ytterbium	176-1	2109	2359	2384	2284	6.66	cps
Ytterbium	176-2	7558	7247	7291	7365	2.29	cps
Yttrium	89-1	22523004	22195774	22286562	22335113	0.76	cps
Yttrium	89-2	1510592	1513594	1474158	1499448	1.46	cps
Zinc	66-2	1803	1667	1800	1757	4.44	cps
Zirconium	90-1	6674	1333	1417	3141	97.39	cps
Zirconium	91-1	1184	317	300	600	84.22	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DL2X10	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL2	Dilution Factor :	10
Date & Time Acquired :	2022-08-26 21:13:53	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210	247	181	213	15.60	cps
Antimony	121-1	517	458	12914	4630	154.97	cps
Arsenic	75-2	19	29	24	24	20.83	cps
Barium	135-1	24832	24464	44437	31244	36.57	cps
Barium	137-1	41515	42752	75366	53211	36.08	cps
Beryllium	9-1	172	126	7138	2479	162.77	cps
Bismuth	209-1	7618176	7843018	8153562	7871585	3.42	cps
Bismuth	209-2	2478270	2545962	2484463	2502898	1.50	cps
Boron	10-1	282922	293027	320323	298757	6.48	cps
Boron	11-1	1250564	1300911	1396912	1316129	5.65	cps
Bromine	81-1	2779519	3169661	3445151	3131444	10.68	cps
Cadmium	111-1	4927	5051	9202	6393	38.06	cps
Cadmium	106-1	7019	7219	7769	7336	5.30	cps
Cadmium	108-1	46	33	346	142	124.89	cps
Calcium	43-1	739273	743573	795362	759403	4.11	cps
Calcium	44-1	12231723	12094634	12791161	12372506	2.98	cps
Carbon	12-1	9034044	9025828	9312610	9124161	1.79	cps
Carbon	12-2	84083	81946	82774	82934	1.30	cps
Chlorine	35-1	26092098	30438851	32901667	29810872	11.57	cps
Chlorine	35-2	188484	192714	202302	194500	3.64	cps
Chromium	52-2	1080	1150	1100	1110	3.25	cps
Cobalt	59-2	1057	950	1157	1054	9.80	cps
Copper	63-2	1760	1743	1743	1749	0.55	cps
Dysprosium	156-1	42	92	67	67	37.50	cps
Dysprosium	156-2	33	17	13	21	50.75	cps
Erbium	164-1	100	142	175	139	27.06	cps
Erbium	164-2	23	33	13	23	42.86	cps
Gadolinium	160-1	142	167	117	142	17.65	cps
Gadolinium	160-2	130	133	123	129	3.95	cps
Holmium	165-1	14819833	14343725	15017985	14727181	2.35	cps
Holmium	165-2	3829054	4021417	3873681	3908051	2.58	cps
Indium	115-1	12163291	12079484	12445586	12229453	1.57	cps
Indium	115-2	1099974	1127844	1121505	1116441	1.31	cps
Iron	54-2	38074	37405	38001	37826	0.97	cps
Iron	56-2	689112	668164	669052	675443	1.75	cps
Iron	57-2	18295	17850	17394	17847	2.52	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DL2X10	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL2	Dilution Factor :	10
Date & Time Acquired :	2022-08-26 21:13:53	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	701	725	715	714	1.67	cps
Lead	206-1	1939	1783	50470	18064	155.36	cps
Lead	207-1	1917	1433	43382	15578	154.59	cps
Lead	208-1	7584	7090	199003	71226	155.36	cps
Lithium	6-1	6992178	6867039	7281811	7047009	3.02	cps
Magnesium	24-2	12268095	12358314	12280847	12302418	0.40	cps
Manganese	55-2	545806	531043	527865	534905	1.79	cps
Molybdenum	94-1	4059	3909	58657	22208	142.13	cps
Molybdenum	95-1	4534	4242	80871	29882	147.77	cps
Molybdenum	96-1	5201	4893	95152	35082	148.29	cps
Molybdenum	97-1	2842	2325	51870	19012	149.67	cps
Molybdenum	98-1	6593	6360	137609	50187	150.85	cps
Neodymium	150-1	113	80	107	100	17.64	cps
Neodymium	150-2	17	7	10	11	45.82	cps
Nickel	60-2	740	810	803	784	4.92	cps
Phosphorus	31-2	5226	5243	5351	5273	1.29	cps
Potassium	39-2	3155268	3055111	3075503	3095294	1.71	cps
Rhodium	103-1	11290620	11440947	11752214	11494594	2.05	cps
Rhodium	103-2	3084939	3273707	3131724	3163457	3.11	cps
Scandium	45-1	10465038	9986679	10831148	10427622	4.06	cps
Scandium	45-2	218992	227242	227420	224551	2.14	cps
Selenium	82-1	1890	2235	2848	2324	20.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	39	48	41	16.39	cps
Silicon	28-1	10036436	9891160	9969140	9965579	0.73	cps
Silver	107-1	442	350	2384	1059	108.52	cps
Silver	109-1	308	242	1950	833	116.12	cps
Sodium	23-2	242140239	233736047	244266655	240047647	2.32	cps
Strontium	86-1	1282303	1346681	1480994	1369993	7.40	cps
Strontium	88-1	11090693	11126044	11972206	11396314	4.38	cps
Sulfur	34-1	2592662	2536680	2604162	2577835	1.40	cps
Terbium	159-1	15294029	15089023	15685273	15356108	1.97	cps
Terbium	159-2	4014593	4142698	4050415	4069235	1.62	cps
Thallium	203-1	575	475	11578	4209	151.61	cps
Thallium	205-1	1358	1383	29468	10737	151.09	cps
Tin	118-1	3284	3059	16820	7721	102.07	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DL2X10	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL2	Dilution Factor :	10
Date & Time Acquired :	2022-08-26 21:13:53	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1458	1425	30582	11155	150.82	cps
Uranium	238-1	22671	23581	60525	35592	60.68	cps
Vanadium	51-2	43	67	73	61	25.78	cps
Ytterbium	172-1	125	125	100	117	12.37	cps
Ytterbium	172-2	44	44	44	44	0.00	cps
Ytterbium	176-1	2242	2525	2359	2375	6.00	cps
Ytterbium	176-2	6980	7230	7141	7117	1.78	cps
Yttrium	89-1	21552680	21292966	22446115	21763920	2.78	cps
Yttrium	89-2	1460415	1485726	1492202	1479448	1.14	cps
Zinc	66-2	1277	1263	1257	1266	0.81	cps
Zirconium	90-1	4309	4251	36627	15062	123.99	cps
Zirconium	91-1	975	900	8139	3338	124.56	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07DL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-103IDL2	Dilution Factor :	25
Date & Time Acquired :	2022-08-26 21:16:58	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149	169	162	160	6.40	cps
Antimony	121-1	92	125	167	128	29.41	cps
Arsenic	75-2	50	39	35	41	18.80	cps
Barium	135-1	22528	24356	23880	23588	4.02	cps
Barium	137-1	40428	41030	39977	40478	1.30	cps
Beryllium	9-1	90	100	66	85	20.30	cps
Bismuth	209-1	8841864	9012802	9084120	8979595	1.39	cps
Bismuth	209-2	2863808	3045001	3007386	2972065	3.22	cps
Boron	10-1	47730	46823	44625	46393	3.44	cps
Boron	11-1	223082	214115	204008	213735	4.46	cps
Bromine	81-1	520485	504517	470503	498502	5.12	cps
Cadmium	111-1	5040	5477	5550	5356	5.15	cps
Cadmium	106-1	7185	7836	7911	7644	5.22	cps
Cadmium	108-1	33	29	29	31	7.86	cps
Calcium	43-1	112491	109877	110035	110801	1.32	cps
Calcium	44-1	1970818	1843196	1846639	1886884	3.85	cps
Carbon	12-1	6295956	6256586	6229849	6260797	0.53	cps
Carbon	12-2	57472	57689	56066	57075	1.54	cps
Chlorine	35-1	9988734	9562071	9057766	9536190	4.89	cps
Chlorine	35-2	42914	42171	39296	41460	4.61	cps
Chromium	52-2	687	637	603	642	6.53	cps
Cobalt	59-2	70	77	73	73	4.55	cps
Copper	63-2	1630	1607	1747	1661	4.52	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	75	92	33	67	45.07	cps
Erbium	164-2	10	13	20	14	35.26	cps
Gadolinium	160-1	67	83	108	86	24.35	cps
Gadolinium	160-2	60	100	73	78	26.19	cps
Holmium	165-1	14751913	14790114	15389092	14977040	2.39	cps
Holmium	165-2	4130159	4278172	4246383	4218238	1.85	cps
Indium	115-1	13464172	13237592	13573122	13424962	1.27	cps
Indium	115-2	1200925	1269971	1234994	1235297	2.79	cps
Iron	54-2	5123	5062	4745	4977	4.08	cps
Iron	56-2	77337	80170	75432	77647	3.07	cps
Iron	57-2	2261	2022	2128	2137	5.60	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07DL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-103IDL2	Dilution Factor :	25
Date & Time Acquired :	2022-08-26 21:16:58	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	679	756	712	716	5.43	cps
Lead	206-1	1567	1322	1333	1408	9.81	cps
Lead	207-1	1267	1172	1239	1226	3.96	cps
Lead	208-1	5906	5678	5351	5645	4.95	cps
Lithium	6-1	7526079	7340301	7600782	7489054	1.79	cps
Magnesium	24-2	621751	647797	618744	629431	2.54	cps
Manganese	55-2	32591	33269	30807	32222	3.95	cps
Molybdenum	94-1	542	508	525	525	3.17	cps
Molybdenum	95-1	358	342	383	361	5.81	cps
Molybdenum	96-1	642	508	567	572	11.68	cps
Molybdenum	97-1	208	217	242	222	7.81	cps
Molybdenum	98-1	500	583	600	561	9.55	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	67	93	77	79	17.07	cps
Phosphorus	31-2	5301	5451	5401	5384	1.42	cps
Potassium	39-2	168843	174633	165891	169789	2.62	cps
Rhodium	103-1	12922229	13158683	13129877	13070263	0.99	cps
Rhodium	103-2	3523682	3791265	3619983	3644977	3.72	cps
Scandium	45-1	11021346	10520672	10852439	10798152	2.36	cps
Scandium	45-2	236769	251682	241250	243234	3.15	cps
Selenium	82-1	296	270	272	280	5.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	48	57	52	8.61	cps
Silicon	28-1	3332281	3290070	3287154	3303168	0.76	cps
Silver	107-1	300	233	225	253	16.26	cps
Silver	109-1	250	233	158	214	22.83	cps
Sodium	23-2	8047264	8308929	7986531	8114241	2.11	cps
Strontium	86-1	114736	114040	113334	114037	0.61	cps
Strontium	88-1	987395	973756	962338	974496	1.29	cps
Sulfur	34-1	540887	536842	539221	538983	0.38	cps
Terbium	159-1	15555517	15294464	16309827	15719936	3.35	cps
Terbium	159-2	4239999	4524786	4402831	4389205	3.26	cps
Thallium	203-1	517	417	425	453	12.25	cps
Thallium	205-1	1175	1208	1175	1186	1.62	cps
Tin	118-1	3367	3393	3292	3351	1.56	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-07DL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-103IDL2	Dilution Factor :	25
Date & Time Acquired :	2022-08-26 21:16:58	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	675	700	700	692	2.09	cps
Uranium	238-1	83	92	42	72	37.09	cps
Vanadium	51-2	60	47	37	48	24.50	cps
Ytterbium	172-1	75	83	158	106	43.48	cps
Ytterbium	172-2	28	39	11	26	53.93	cps
Ytterbium	176-1	2584	2434	2409	2475	3.82	cps
Ytterbium	176-2	7224	7763	7836	7608	4.39	cps
Yttrium	89-1	22843753	22869609	22752670	22822011	0.27	cps
Yttrium	89-2	1535947	1623136	1610586	1589890	2.96	cps
Zinc	66-2	527	450	460	479	8.70	cps
Zirconium	90-1	1067	942	917	975	8.24	cps
Zirconium	91-1	150	158	233	181	25.42	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DL3X50	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL3	Dilution Factor :	50
Date & Time Acquired :	2022-08-26 21:20:07	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149	109	79	112	31.33	cps
Antimony	121-1	117	158	133	136	15.41	cps
Arsenic	75-2	15	4	5	8	76.03	cps
Barium	135-1	2584	2800	2725	2703	4.07	cps
Barium	137-1	5093	5218	4901	5071	3.15	cps
Beryllium	9-1	87	91	75	85	10.06	cps
Bismuth	209-1	8762083	8771992	8597967	8710681	1.12	cps
Bismuth	209-2	2879400	2825509	2747669	2817526	2.35	cps
Boron	10-1	51990	52453	52895	52446	0.86	cps
Boron	11-1	241878	250701	247780	246786	1.82	cps
Bromine	81-1	512383	543428	563950	539920	4.81	cps
Cadmium	111-1	5267	5207	5291	5255	0.83	cps
Cadmium	106-1	7502	7419	7536	7486	0.80	cps
Cadmium	108-1	25	17	25	22	21.64	cps
Calcium	43-1	88931	86970	86409	87437	1.51	cps
Calcium	44-1	1478617	1447196	1408001	1444605	2.45	cps
Carbon	12-1	6239830	6204071	6026573	6156825	1.86	cps
Carbon	12-2	56685	54543	54727	55319	2.15	cps
Chlorine	35-1	6997061	7161811	7267236	7142036	1.91	cps
Chlorine	35-2	38460	37023	36948	37477	2.27	cps
Chromium	52-2	593	600	617	603	1.99	cps
Cobalt	59-2	170	170	163	168	2.29	cps
Copper	63-2	2504	1513	1423	1814	33.07	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	83	125	92	100	22.04	cps
Erbium	164-2	23	27	20	23	14.29	cps
Gadolinium	160-1	75	92	42	69	36.66	cps
Gadolinium	160-2	103	90	70	88	19.12	cps
Holmium	165-1	15243522	15499537	14623996	15122352	2.98	cps
Holmium	165-2	4291952	4027845	4001745	4107181	3.91	cps
Indium	115-1	13501949	13205711	13677145	13461602	1.77	cps
Indium	115-2	1220488	1200272	1170497	1197085	2.10	cps
Iron	54-2	5651	5023	5207	5294	6.10	cps
Iron	56-2	90140	83209	84225	85858	4.36	cps
Iron	57-2	2411	2184	2261	2285	5.07	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DL3X50	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL3	Dilution Factor :	50
Date & Time Acquired :	2022-08-26 21:20:07	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	710	727	702	713	1.80	cps
Lead	206-1	1450	1445	1295	1396	6.32	cps
Lead	207-1	1161	1017	1078	1085	6.68	cps
Lead	208-1	5723	5139	5273	5378	5.68	cps
Lithium	6-1	7210581	7497408	7455236	7387742	2.10	cps
Magnesium	24-2	1541278	1434751	1408576	1461535	4.81	cps
Manganese	55-2	65466	64994	62479	64313	2.50	cps
Molybdenum	94-1	658	775	650	694	10.06	cps
Molybdenum	95-1	767	750	608	708	12.28	cps
Molybdenum	96-1	1058	867	1158	1028	14.42	cps
Molybdenum	97-1	467	425	425	439	5.48	cps
Molybdenum	98-1	1075	817	992	961	13.72	cps
Neodymium	150-1	40	33	40	38	10.19	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	223	137	147	169	28.07	cps
Phosphorus	31-2	5343	5043	5401	5262	3.65	cps
Potassium	39-2	373785	357698	351155	360879	3.23	cps
Rhodium	103-1	12357495	12732107	12877027	12655543	2.12	cps
Rhodium	103-2	3610339	3510503	3422726	3514522	2.67	cps
Scandium	45-1	10857322	10728540	10805142	10797001	0.60	cps
Scandium	45-2	241188	236899	230093	236060	2.37	cps
Selenium	82-1	349	375	451	392	13.59	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	53	38	44	45	16.79	cps
Silicon	28-1	1839542	1831074	1770110	1813575	2.09	cps
Silver	107-1	250	208	300	253	18.16	cps
Silver	109-1	125	125	142	131	7.37	cps
Sodium	23-2	29304473	27200524	27068550	27857849	4.50	cps
Strontium	86-1	154676	154242	153861	154260	0.26	cps
Strontium	88-1	1315830	1308918	1311942	1312230	0.26	cps
Sulfur	34-1	779955	782897	766501	776451	1.13	cps
Terbium	159-1	15501881	15537602	15812962	15617482	1.09	cps
Terbium	159-2	4288668	4237170	4292336	4272725	0.72	cps
Thallium	203-1	417	450	433	433	3.85	cps
Thallium	205-1	1083	1125	1242	1150	7.14	cps
Tin	118-1	2950	3117	2909	2992	3.68	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	N4244-04DL3X50	Instrumnet Name :	P8
Client Sample ID :	MW-104DDL3	Dilution Factor :	50
Date & Time Acquired :	2022-08-26 21:20:07	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	633	542	625	600	8.45	cps
Uranium	238-1	2650	2434	2300	2461	7.18	cps
Vanadium	51-2	23	27	17	22	22.91	cps
Ytterbium	172-1	100	100	58	86	27.93	cps
Ytterbium	172-2	11	22	28	20	41.67	cps
Ytterbium	176-1	2567	2759	2275	2534	9.61	cps
Ytterbium	176-2	7513	7741	7780	7678	1.88	cps
Yttrium	89-1	22484009	22080399	22601967	22388792	1.22	cps
Yttrium	89-2	1588508	1560127	1512452	1553696	2.47	cps
Zinc	66-2	463	287	317	356	26.59	cps
Zirconium	90-1	1317	1317	1208	1281	4.88	cps
Zirconium	91-1	233	208	167	203	16.61	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 21:23:13	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3285754	3175312	3121839	3194301	2.62	cps
Antimony	121-1	3196127	3309586	3275704	3260472	1.79	cps
Arsenic	75-2	64992	63976	62417	63795	2.03	cps
Barium	135-1	4794129	4707671	4796371	4766057	1.06	cps
Barium	137-1	8070571	8325854	8097634	8164686	1.72	cps
Beryllium	9-1	1510347	1466158	1507016	1494507	1.65	cps
Bismuth	209-1	7955223	8067781	7925867	7982957	0.94	cps
Bismuth	209-2	2565962	2560671	2534096	2553576	0.67	cps
Boron	10-1	227607	240635	244634	237626	3.75	cps
Boron	11-1	899206	997208	1018529	971647	6.55	cps
Bromine	81-1	178285	175241	169618	174382	2.52	cps
Cadmium	111-1	1091883	1102552	1100810	1098415	0.52	cps
Cadmium	106-1	128093	130760	127513	128789	1.34	cps
Cadmium	108-1	85731	85350	84960	85347	0.45	cps
Calcium	43-1	8202079	8534918	8462920	8399972	2.08	cps
Calcium	44-1	132806914	136004420	134050699	134287344	1.20	cps
Carbon	12-1	6143902	6375802	6461432	6327045	2.60	cps
Carbon	12-2	65246	65204	63530	64660	1.51	cps
Chlorine	35-1	4086763	3937213	3906454	3976810	2.43	cps
Chlorine	35-2	19230	18521	17127	18293	5.85	cps
Chromium	52-2	804612	814253	787949	802271	1.66	cps
Cobalt	59-2	1503472	1466582	1401390	1457148	3.55	cps
Copper	63-2	10939417	10835702	10773984	10849701	0.77	cps
Dysprosium	156-1	617	575	658	617	6.76	cps
Dysprosium	156-2	153	127	110	130	16.82	cps
Erbium	164-1	75	83	108	89	19.52	cps
Erbium	164-2	37	17	7	20	76.36	cps
Gadolinium	160-1	383	367	358	369	3.45	cps
Gadolinium	160-2	203	177	190	190	7.02	cps
Holmium	165-1	14609345	15071597	14629621	14770187	1.77	cps
Holmium	165-2	3981758	3984695	3921596	3962683	0.90	cps
Indium	115-1	11962533	12433136	12632509	12342726	2.79	cps
Indium	115-2	1107368	1128939	1116560	1117622	0.97	cps
Iron	54-2	9419747	9409166	9198233	9342382	1.34	cps
Iron	56-2	166453298	169968126	165300959	167240794	1.45	cps
Iron	57-2	4257553	4109454	4077399	4148135	2.32	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 21:23:13	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	721	742	781	748	4.07	cps
Lead	206-1	13749444	13462738	13813032	13675071	1.36	cps
Lead	207-1	11803989	12136416	12010629	11983678	1.40	cps
Lead	208-1	55171015	55447760	54862151	55160309	0.53	cps
Lithium	6-1	6928283	6844785	6970237	6914435	0.92	cps
Magnesium	24-2	42195168	41789684	40631886	41538913	1.95	cps
Manganese	55-2	4351152	4504037	4440620	4431936	1.73	cps
Molybdenum	94-1	15016499	14812607	14964726	14931277	0.71	cps
Molybdenum	95-1	21877814	21327089	21837393	21680765	1.42	cps
Molybdenum	96-1	23938103	22959122	23507841	23468356	2.09	cps
Molybdenum	97-1	13387206	12655071	13252005	13098094	2.97	cps
Molybdenum	98-1	33518465	33278151	34424058	33740225	1.79	cps
Neodymium	150-1	393	413	427	411	4.08	cps
Neodymium	150-2	23	13	13	17	34.65	cps
Nickel	60-2	402001	403116	397427	400848	0.75	cps
Phosphorus	31-2	39312	39438	38686	39145	1.03	cps
Potassium	39-2	13416225	13160653	12690279	13089052	2.81	cps
Rhodium	103-1	11161157	11711205	11564763	11479041	2.48	cps
Rhodium	103-2	3133370	3225960	3070360	3143230	2.49	cps
Scandium	45-1	10239079	10588291	10390753	10406041	1.68	cps
Scandium	45-2	227414	228017	220816	225416	1.77	cps
Selenium	82-1	101410	101318	103196	101975	1.04	cps
Selenium	77-2	2170	2074	1940	2061	5.60	cps
Selenium	78-2	7003	6963	6839	6935	1.23	cps
Silicon	28-1	4348147	4416092	4456525	4406921	1.24	cps
Silver	107-1	5657001	5784521	5557276	5666266	2.01	cps
Silver	109-1	5336084	5494683	5292865	5374544	1.98	cps
Sodium	23-2	80864371	80246589	77400343	79503768	2.32	cps
Strontium	86-1	36239571	36285139	37299526	36608079	1.64	cps
Strontium	88-1	318194949	316813590	314374365	316460968	0.61	cps
Sulfur	34-1	991536	1005869	1001627	999677	0.74	cps
Terbium	159-1	15312614	15834031	15379451	15508699	1.83	cps
Terbium	159-2	4264233	4149103	4229688	4214341	1.40	cps
Thallium	203-1	3381455	3246957	3358894	3329102	2.16	cps
Thallium	205-1	7635008	7658707	7623953	7639223	0.23	cps
Tin	118-1	3394568	3223806	3409320	3342565	3.08	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 21:23:13	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7301752	7254265	7199684	7251900	0.70	cps
Uranium	238-1	10766319	10445679	10323429	10511809	2.18	cps
Vanadium	51-2	627946	621973	606961	618960	1.75	cps
Ytterbium	172-1	158	183	192	178	9.76	cps
Ytterbium	172-2	33	44	50	43	19.93	cps
Ytterbium	176-1	9404	9879	9871	9718	2.80	cps
Ytterbium	176-2	9164	9442	9926	9511	4.05	cps
Yttrium	89-1	21553518	22138424	22073853	21921932	1.46	cps
Yttrium	89-2	1475201	1511054	1464606	1483620	1.64	cps
Zinc	66-2	1332873	1317507	1306091	1318824	1.02	cps
Zirconium	90-1	7640766	7662289	7769857	7690970	0.90	cps
Zirconium	91-1	1673265	1720233	1748018	1713839	2.20	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 21:42:43	DataFile Name :	074CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	161	162	158	4.36	cps
Antimony	121-1	125	408	133	222	72.56	cps
Arsenic	75-2	4	1	4	3	57.74	cps
Barium	135-1	67	442	25	178	129.09	cps
Barium	137-1	50	642	100	264	124.35	cps
Beryllium	9-1	104	635	77	272	115.63	cps
Bismuth	209-1	8240790	8351823	8391967	8328193	0.94	cps
Bismuth	209-2	2774811	2707379	2770416	2750869	1.37	cps
Boron	10-1	8159	8463	7606	8076	5.38	cps
Boron	11-1	36265	37142	36035	36481	1.60	cps
Bromine	81-1	108641	110647	113413	110900	2.16	cps
Cadmium	111-1	4996	4774	4715	4828	3.08	cps
Cadmium	106-1	7160	6693	6760	6871	3.67	cps
Cadmium	108-1	58	58	67	61	7.88	cps
Calcium	43-1	416	2397	419	1077	106.08	cps
Calcium	44-1	18155	45756	18009	27307	58.51	cps
Carbon	12-1	6973102	7009641	7046725	7009823	0.53	cps
Carbon	12-2	62174	64442	63538	63384	1.80	cps
Chlorine	35-1	1276248	1305132	1306703	1296028	1.32	cps
Chlorine	35-2	6310	6418	6760	6496	3.62	cps
Chromium	52-2	683	627	670	660	4.49	cps
Cobalt	59-2	40	90	53	61	42.37	cps
Copper	63-2	1377	1443	1313	1378	4.72	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	27	0	13	13	100.01	cps
Gadolinium	160-1	58	50	117	75	48.44	cps
Gadolinium	160-2	123	57	93	91	36.65	cps
Holmium	165-1	13503510	13599140	13748654	13617102	0.91	cps
Holmium	165-2	3867382	3903716	3882898	3884665	0.47	cps
Indium	115-1	12129789	12097345	11779492	12002209	1.61	cps
Indium	115-2	1153900	1156591	1158148	1156213	0.19	cps
Iron	54-2	767	800	778	782	2.17	cps
Iron	56-2	4028	4017	4223	4090	2.83	cps
Iron	57-2	111	144	156	137	16.88	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 21:42:43	DataFile Name :	074CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	742	691	715	716	3.58	cps
Lead	206-1	1311	2317	1172	1600	39.04	cps
Lead	207-1	1017	1939	1145	1367	36.57	cps
Lead	208-1	4823	9777	4967	6522	43.23	cps
Lithium	6-1	6868082	6802613	6856293	6842329	0.51	cps
Magnesium	24-2	267	283	300	283	5.88	cps
Manganese	55-2	113	93	97	101	10.60	cps
Molybdenum	94-1	333	2085	425	948	104.01	cps
Molybdenum	95-1	325	2669	325	1106	122.32	cps
Molybdenum	96-1	658	3762	517	1646	111.46	cps
Molybdenum	97-1	225	1626	192	681	120.23	cps
Molybdenum	98-1	483	4290	517	1763	124.09	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	73	70	83	76	9.18	cps
Phosphorus	31-2	4876	5226	4884	4995	4.00	cps
Potassium	39-2	13598	13006	12339	12981	4.85	cps
Rhodium	103-1	11858229	11824152	11656640	11779674	0.92	cps
Rhodium	103-2	3401898	3337855	3394372	3378041	1.04	cps
Scandium	45-1	9906808	9884535	9724539	9838627	1.01	cps
Scandium	45-2	223504	220868	224101	222825	0.77	cps
Selenium	82-1	61	100	35	65	49.99	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	53	51	52	52	1.92	cps
Silicon	28-1	831311	850495	845211	842339	1.18	cps
Silver	107-1	233	392	200	275	37.24	cps
Silver	109-1	208	292	167	222	28.64	cps
Sodium	23-2	45706	45881	44443	45343	1.73	cps
Strontium	86-1	1158	6538	1300	2999	102.23	cps
Strontium	88-1	933	42574	1117	14875	161.27	cps
Sulfur	34-1	442135	437782	437171	439029	0.62	cps
Terbium	159-1	13988128	14214095	14306389	14169537	1.16	cps
Terbium	159-2	4227845	4119905	4042002	4129917	2.26	cps
Thallium	203-1	742	1067	608	806	29.27	cps
Thallium	205-1	1917	2450	1900	2089	14.98	cps
Tin	118-1	3009	3417	2900	3109	8.77	cps

LB Number :	LB121774	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 21:42:43	DataFile Name :	074CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	500	1826	558	961	77.93	cps
Uranium	238-1	25	909	42	325	155.46	cps
Vanadium	51-2	0	3	10	4	114.60	cps
Ytterbium	172-1	58	33	75	56	37.75	cps
Ytterbium	172-2	28	44	22	31	36.74	cps
Ytterbium	176-1	2409	2284	2159	2284	5.47	cps
Ytterbium	176-2	7058	6996	7469	7174	3.58	cps
Yttrium	89-1	20533672	20848320	20867727	20749906	0.90	cps
Yttrium	89-2	1481583	1479224	1480413	1480407	0.08	cps
Zinc	66-2	360	380	393	378	4.44	cps
Zirconium	90-1	908	1842	850	1200	46.38	cps
Zirconium	91-1	208	450	125	261	64.65	cps