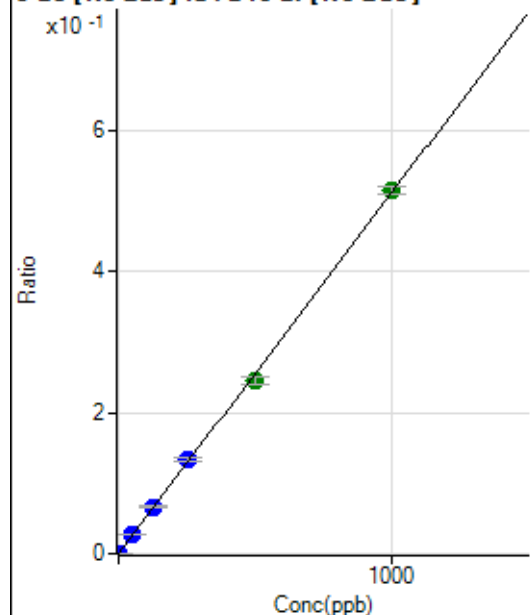


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8090922MS.b\
 Analysis File: P8090922MS.batch.bin
 DA Date-Time: 2022-09-09 19:23:41
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-09-09 12:28:58
2	005CALS.d	S02	2022-09-09 12:32:08
3	006CALS.d	S03	2022-09-09 12:35:19
4	007CALS.d	S04	2022-09-09 12:38:25
5	008CALS.d	S05	2022-09-09 12:41:33
6	009CALS.d	S06	2022-09-09 12:44:40
7	010CALS.d	S07	2022-09-09 12:47:48
8	011CALS.d	S08	2022-09-09 12:50:55

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28.75	0.0000	P	12.9
2	☐	1.000	1.094	2761.17	0.0006	P	1.4
3	☐	50.000	51.639	130507.05	0.0264	P	1.9
4	☐	125.000	130.644	328738.89	0.0669	P	0.8
5	☐	250.000	261.998	631246.06	0.1341	P	5.4
6	☐	500.000	479.654	1240383.93	0.2455	A	3.6
7	☐	1000.000	1006.386	2436322.75	0.5150	A	2.0
8	☐			559.53	0.0001	P	25.4

$$y = 5.1175\text{E-}004 * x + 5.9145\text{E-}006$$

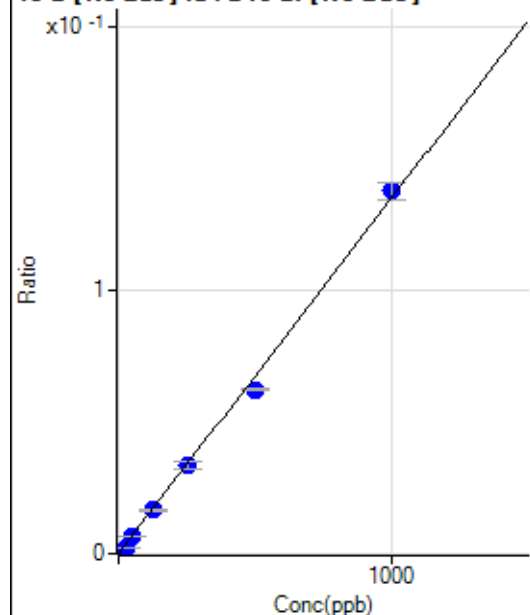
$$R = 0.9996$$

$$DL = 0.004489$$

$$BEC = 0.01156$$

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	525.91	0.0001	P	6.8
2	☐	25.000	13.673	9530.56	0.0020	P	2.6
3	☐	50.000	47.557	32222.90	0.0065	P	1.9
4	☐	125.000	122.282	81636.16	0.0166	P	4.0
5	☐	250.000	247.740	157707.40	0.0335	P	8.5
6	☐	500.000	461.582	315323.96	0.0624	P	2.0
7	☐	1000.000	1020.519	651574.12	0.1378	P	4.4
8	☐			38060.42	0.0082	P	7.7

$$y = 1.3491\text{E-}004 * x + 1.0812\text{E-}004$$

$$R = 0.9989$$

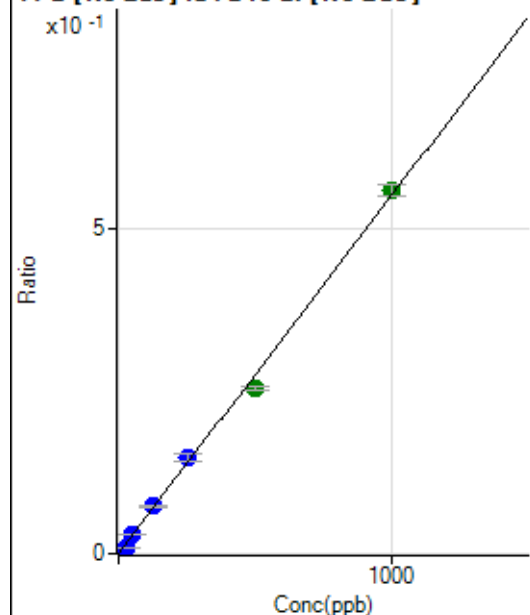
$$DL = 0.1627$$

$$BEC = 0.8015$$

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	2315.74	0.0005	P	8.4
2	☐	25.000	14.802	42149.25	0.0086	P	2.2
3	☐	50.000	52.150	144260.00	0.0292	P	0.4
4	☐	125.000	132.566	361471.55	0.0735	P	3.8
5	☐	250.000	269.624	701099.27	0.1490	P	7.9
6	☐	500.000	462.222	1290179.19	0.2552	A	2.0
7	☐	1000.000	1013.185	2642667.09	0.5587	A	3.3
8	☐			169279.68	0.0364	P	8.6

$$y = 5.5100\text{E-}004 * x + 4.7637\text{E-}004$$

$$R = 0.9986$$

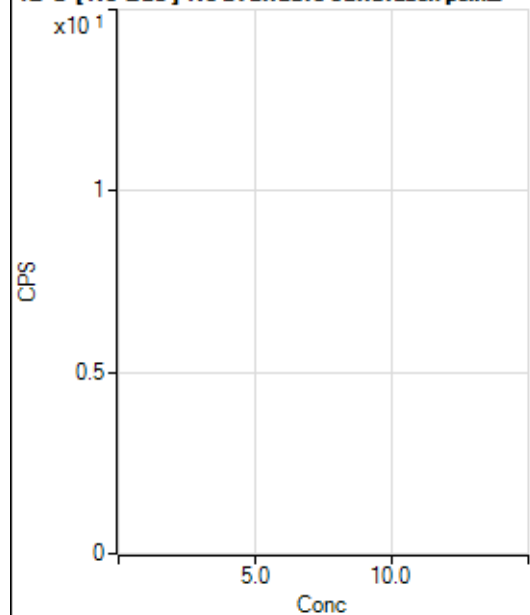
$$DL = 0.2168$$

$$BEC = 0.8646$$

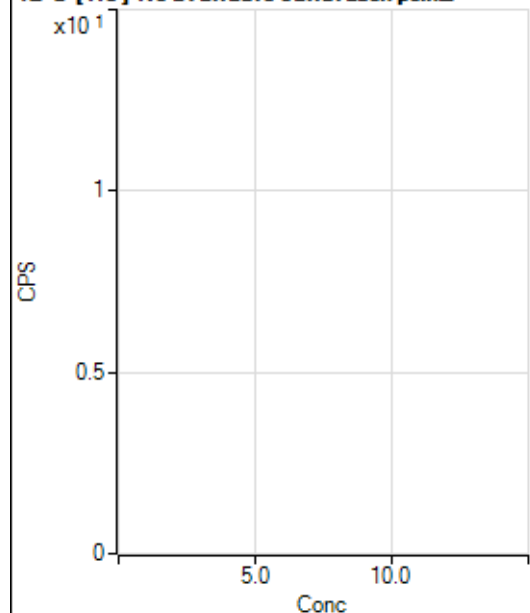
Weight: <None>

Min Conc: 0

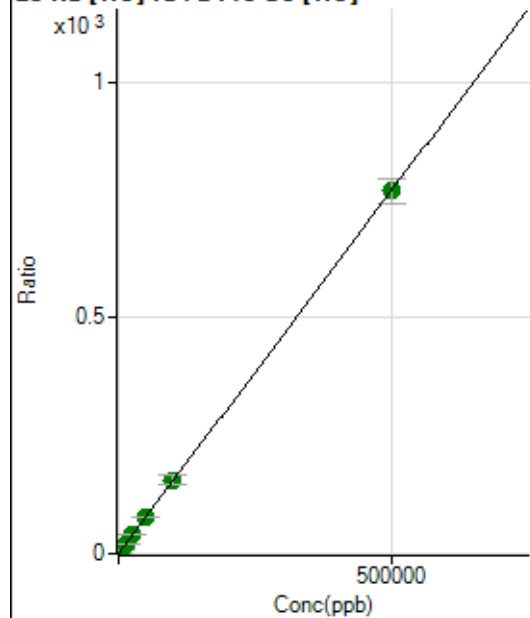
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3618986.62		A	1.5
2	☐			3700063.71		A	0.4
3	☐			3880839.89		A	1.1
4	☐			4089394.75		A	1.5
5	☐			4302838.21		A	1.0
6	☐			4731045.55		A	0.9
7	☐			6029696.75		A	3.5
8	☐			5864370.19		A	2.7

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41032.91		P	1.4
2	☐			42843.74		P	1.5
3	☐			44253.36		P	1.8
4	☐			47220.75		P	0.5
5	☐			50944.55		P	1.1
6	☐			56431.28		P	1.6
7	☐			74966.43		P	0.8
8	☐			74938.58		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27888.39	0.1358	P	0.7
2	☐	500.000	499.468	185853.15	0.9047	P	1.0
3	☐	5000.000	5340.743	1680615.42	8.3571	A	4.1
4	☐	12500.000	13401.526	4043047.96	20.7654	A	3.8
5	☐	25000.000	26212.084	7764466.75	40.4853	A	3.6
6	☐	50000.000	50772.248	15232275.69	78.2919	A	0.9
7	☐	100000.00	101407.17	32435361.49	156.2367	A	11.6
8	☐	500000.00	499554.79	151042701.9	769.1240	A	6.6

$$y = 0.0015 * x + 0.1358$$

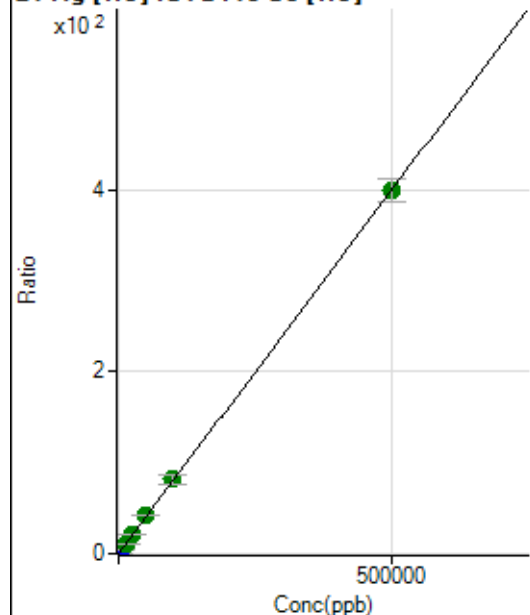
$$R = 1.0000$$

$$DL = 1.811$$

$$BEC = 88.24$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	350.01	0.0017	P	15.2
2	☐	500.000	535.142	88072.30	0.4287	P	2.7
3	☐	5000.000	5383.478	864237.15	4.2977	P	1.3
4	☐	12500.000	13657.526	2122847.94	10.9005	A	2.1
5	☐	25000.000	26946.688	4124295.32	21.5053	A	4.1
6	☐	50000.000	52283.022	8118040.03	41.7238	A	2.2
7	☐	100000.00	102241.35	16928432.15	81.5908	A	12.2
8	☐	500000.00	499193.28	78232746.89	398.3606	A	6.4

$$y = 7.9801\text{E-}004 * x + 0.0017$$

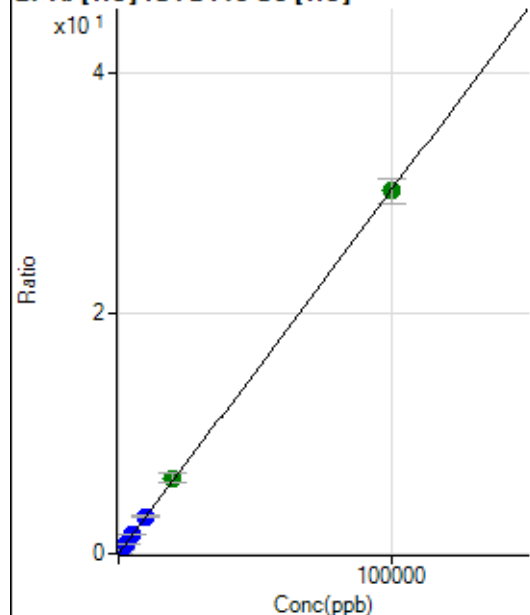
$$R = 1.0000$$

$$DL = 0.9728$$

$$BEC = 2.132$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	131.23	0.0006	P	5.8
2	☐	20.000	21.071	1442.40	0.0070	P	2.7
3	☐	1000.000	1068.984	65240.67	0.3244	P	1.7
4	☐	2500.000	2688.010	158629.30	0.8148	P	3.1
5	☐	5000.000	5223.215	303557.45	1.5826	P	2.2
6	☐	10000.000	10272.548	605369.46	3.1119	P	1.5
7	☐	20000.000	20846.163	1308852.78	6.3144	A	13.4
8	☐	100000.00	99786.962	5935231.70	30.2235	A	6.8

$$y = 3.0287\text{E-}004 * x + 6.3973\text{E-}004$$

$$R = 1.0000$$

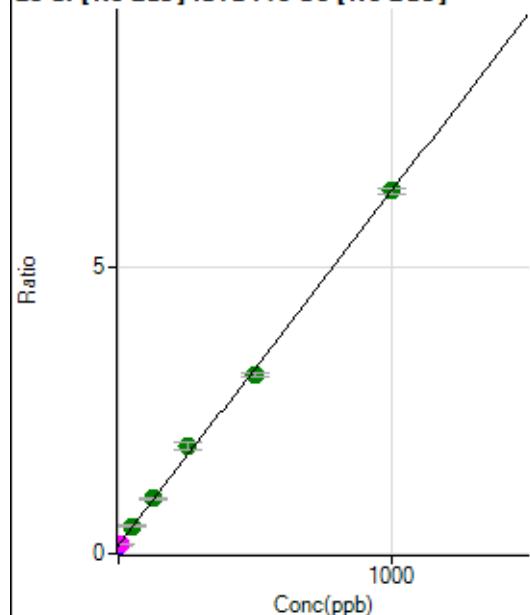
$$DL = 0.3681$$

$$BEC = 2.112$$

Weight: <None>

Min Conc: 0

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



$$y = 0.0062 * x + 0.1509$$

$$R = 0.9992$$

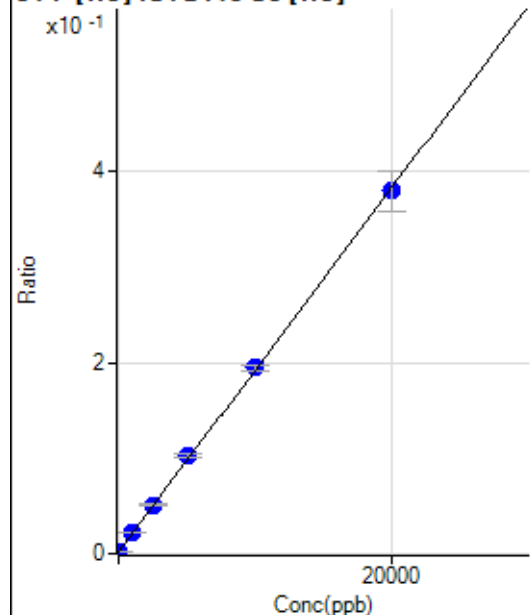
$$DL = 2.685$$

$$BEC = 24.39$$

Weight: <None>

Min Conc: 0

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



$$y = 1.9061E-005 * x + 0.0018$$

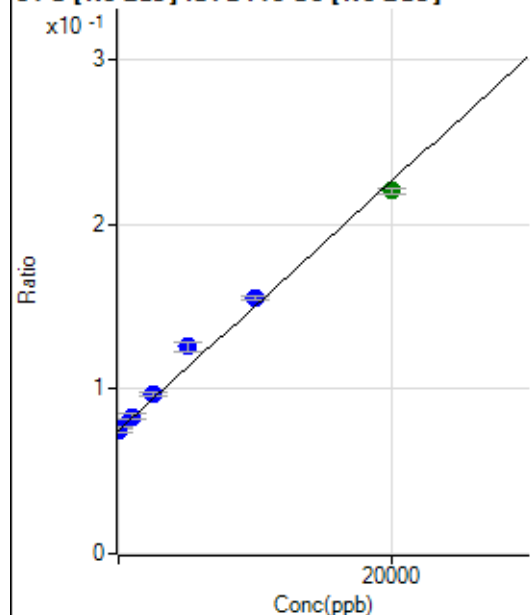
$$R = 0.9999$$

$$DL = 47.11$$

$$BEC = 92.01$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-54.338	404566.56	0.0745	P	2.6
2	☐	0.000	54.338	404625.47	0.0754	P	3.9
3	☐	1000.000	1125.370	456110.11	0.0835	P	4.3
4	☐	2500.000	2881.968	529194.15	0.0968	P	2.5
5	☐	5000.000	6755.876	638392.79	0.1261	P	4.7
6	☐	10000.000	10604.678	873563.30	0.1553	P	1.9
7	☐	20000.000	19204.678	1180389.23	0.2204	A	1.6
8	☐			343986.14	0.0637	P	0.7

$$y = 7.5736E-006 * x + 0.0749$$

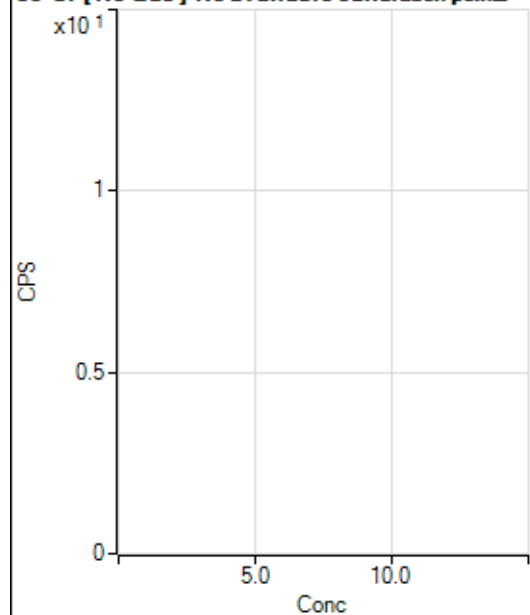
R = 0.9946

DL = 967

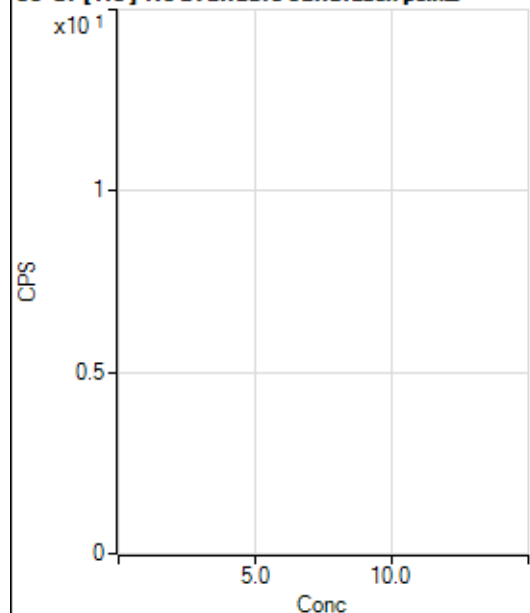
BEC = 9895

Weight: <None>

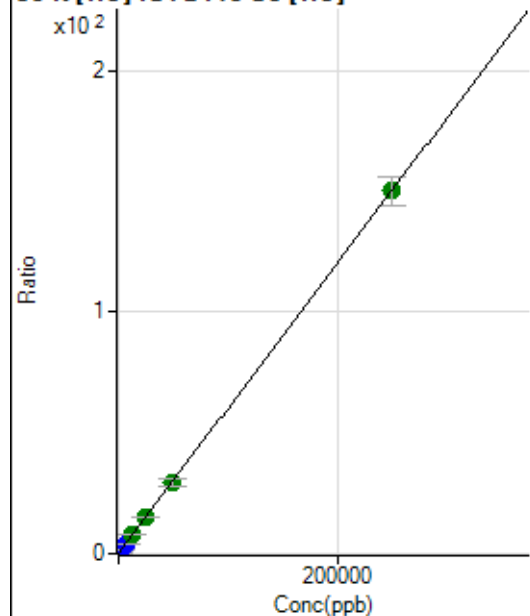
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			255515.14		P	1.1
2	☐			262061.04		P	0.3
3	☐			270250.69		P	1.2
4	☐			274240.95		P	1.0
5	☐			253647.23		P	0.9
6	☐			233177.99		P	0.1
7	☐			237672.46		P	0.3
8	☐			234591.52		P	0.5

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2094.65		P	4.8
2	☐			2203.00		P	2.8
3	☐			2233.57		P	6.0
4	☐			2180.79		P	6.6
5	☐			2044.64		P	4.4
6	☐			1761.26		P	8.1
7	☐			2014.08		P	7.9
8	☐			2130.77		P	5.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24357.24	0.1186	P	0.3
2	☐	500.000	488.258	84536.95	0.4115	P	0.6
3	☐	2500.000	2561.252	332817.69	1.6550	P	1.4
4	☐	6250.000	6460.368	777571.21	3.9939	P	3.0
5	☐	12500.000	12765.524	1491457.31	7.7760	A	2.4
6	☐	25000.000	24930.671	2932027.00	15.0732	A	2.5
7	☐	50000.000	49200.333	6151081.43	29.6313	A	11.7
8	☐	250000.00	250147.74	29478858.64	150.1690	A	7.6

$$y = 5.9985E-004 * x + 0.1186$$

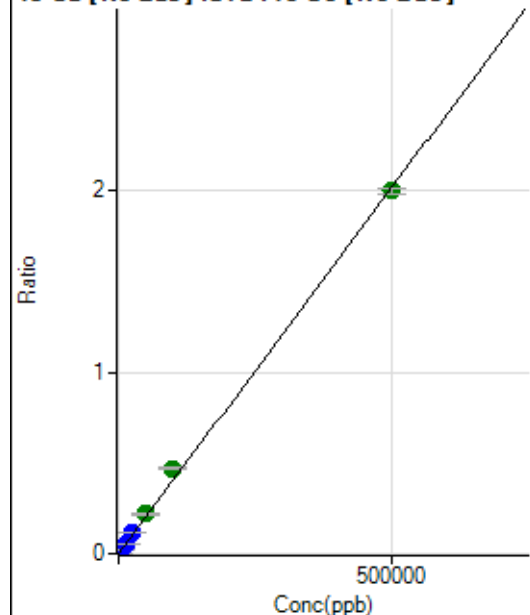
$$R = 1.0000$$

$$DL = 1.812$$

$$BEC = 197.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	345.79	0.0001	P	7.6
2	☐	500.000	499.390	11146.69	0.0021	P	4.1
3	☐	5000.000	5692.709	125716.78	0.0230	P	3.7
4	☐	12500.000	14063.186	310223.42	0.0567	P	2.7
5	☐	25000.000	29392.313	599784.64	0.1185	P	5.1
6	☐	50000.000	54174.316	1228656.45	0.2183	A	1.2
7	☐	100000.00	116691.98	2518680.22	0.4702	A	1.0
8	☐	500000.00	495978.55	10790802.21	1.9985	A	1.4

$$y = 4.0292\text{E-}006 * x + 6.3764\text{E-}005$$

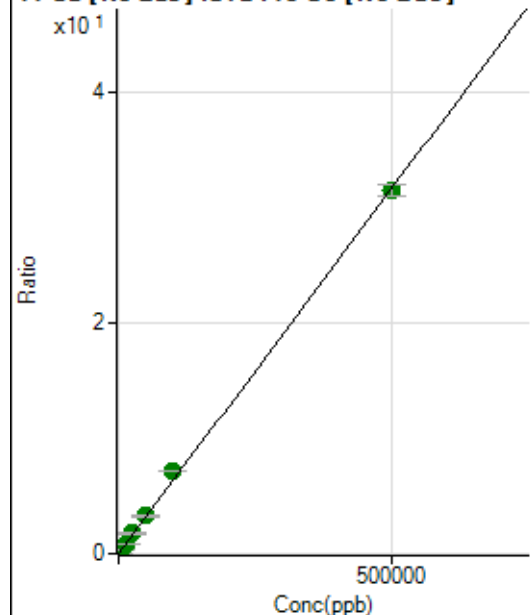
$$R = 0.9994$$

$$DL = 3.595$$

$$BEC = 15.83$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14009.24	0.0026	P	3.1
2	☐	500.000	515.605	188706.01	0.0351	P	2.8
3	☐	5000.000	5581.020	1939963.16	0.3549	A	3.3
4	☐	12500.000	13715.175	4749567.77	0.8684	A	2.5
5	☐	25000.000	28488.524	9112981.93	1.8011	A	6.7
6	☐	50000.000	51848.965	18431142.59	3.2759	A	2.4
7	☐	100000.00	112783.26	38151404.05	7.1227	A	1.3
8	☐	500000.00	497047.81	169463174.0	31.3818	A	3.1

$$y = 6.3131\text{E-}005 * x + 0.0026$$

$$R = 0.9996$$

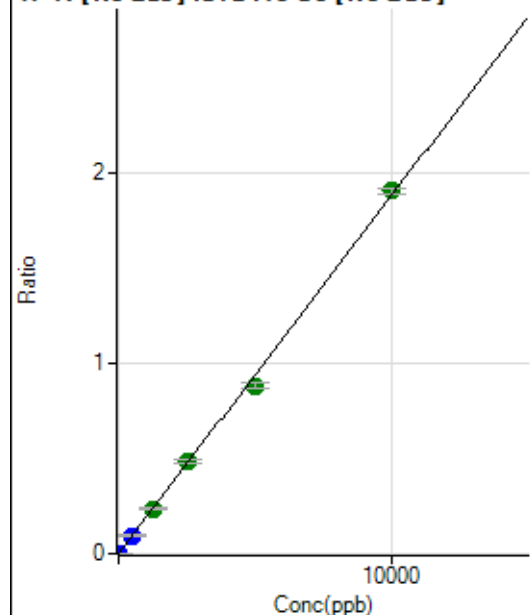
$$DL = 3.848$$

$$BEC = 40.88$$

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	280.57	0.0001	P	11.5
2	☐	5.000	5.095	5426.16	0.0010	P	1.6
3	☐	500.000	507.823	522101.26	0.0955	P	2.7
4	☐	1250.000	1253.580	1289212.48	0.2357	A	1.4
5	☐	2500.000	2579.557	2454269.67	0.4849	A	5.7
6	☐	5000.000	4696.693	4967190.30	0.8829	A	2.8
7	☐	10000.000	10130.925	10199551.70	1.9043	A	1.6
8	☐			1877.96	0.0003	P	9.7

$$y = 1.8797\text{E-}004 * x + 5.1565\text{E-}005$$

$$R = 0.9993$$

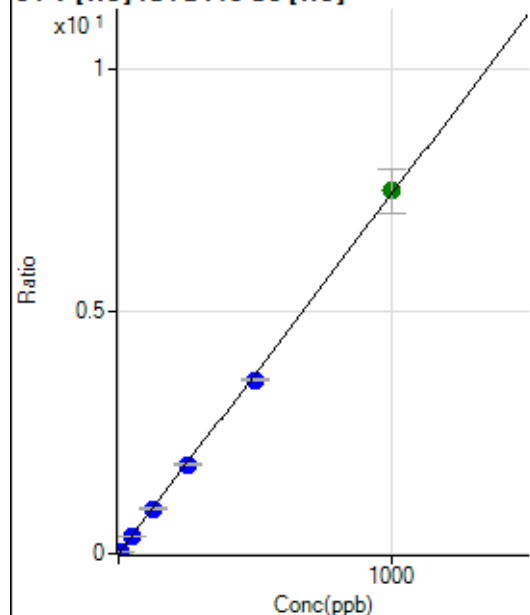
$$DL = 0.09442$$

$$BEC = 0.2743$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6.67	0.0000	P	49.3
2	☐	5.000	4.796	7329.72	0.0357	P	1.1
3	☐	50.000	49.704	74290.91	0.3695	P	1.0
4	☐	125.000	125.246	181251.28	0.9309	P	3.0
5	☐	250.000	247.064	352212.42	1.8363	P	2.3
6	☐	500.000	483.852	699668.54	3.5962	P	0.7
7	☐	1000.000	1008.793	1555813.95	7.4978	A	12.1
8	☐			620.02	0.0032	P	7.0

$$y = 0.0074 * x + 3.2462\text{E-}005$$

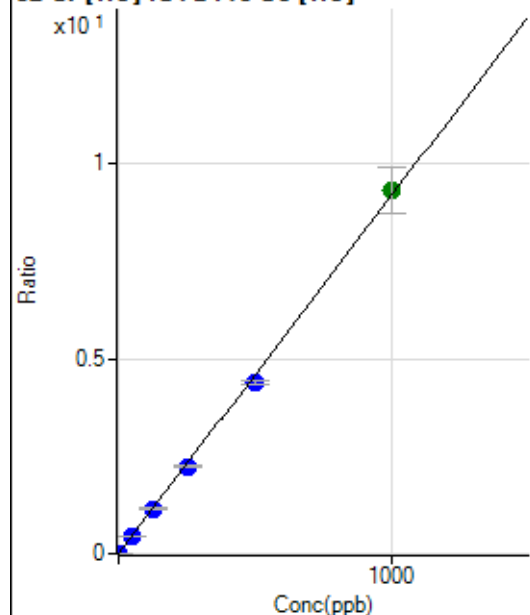
$$R = 0.9998$$

$$DL = 0.006453$$

$$BEC = 0.004368$$

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	573.35	0.0028	P	5.4
2	☐	2.000	1.999	4349.60	0.0212	P	3.1
3	☐	50.000	49.721	92512.14	0.4600	P	1.8
4	☐	125.000	125.384	225022.65	1.1557	P	2.7
5	☐	250.000	243.081	429233.19	2.2379	P	2.7
6	☐	500.000	477.870	855351.44	4.3968	P	1.3
7	☐	1000.000	1012.761	1932123.81	9.3152	A	12.8
8	☐			5426.63	0.0276	P	8.2

$$y = 0.0092 * x + 0.0028$$

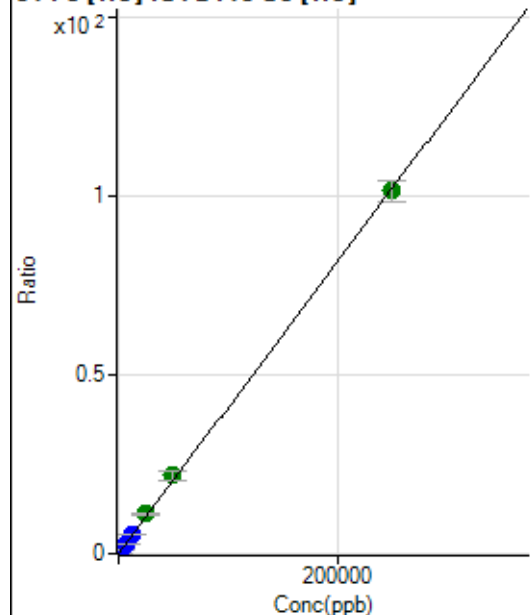
$$R = 0.9996$$

$$DL = 0.04947$$

$$BEC = 0.3039$$

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	875.97	0.0043	P	4.3
2	☐	50.000	50.747	5128.79	0.0250	P	4.7
3	☐	2500.000	2660.224	219068.46	1.0892	P	1.8
4	☐	6250.000	6778.060	539005.06	2.7686	P	3.0
5	☐	12500.000	13225.853	1035345.44	5.3983	P	3.3
6	☐	25000.000	27044.382	2146110.36	11.0341	A	2.7
7	☐	50000.000	53920.915	4564860.20	21.9955	A	11.9
8	☐	250000.00	248960.28	19949824.29	101.5408	A	5.6

$$y = 4.0784E-004 * x + 0.0043$$

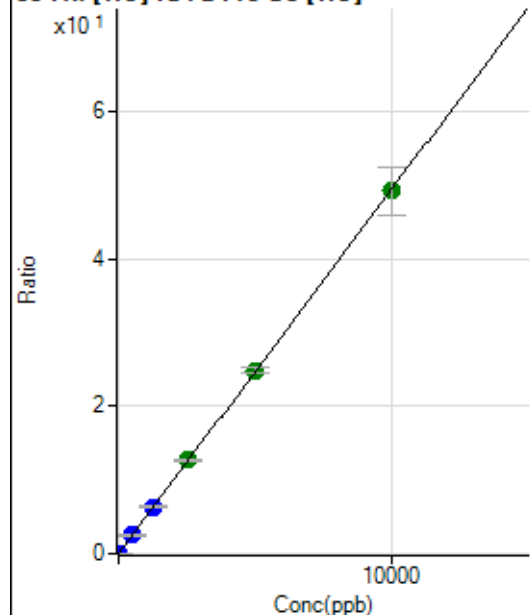
$$R = 0.9999$$

$$DL = 1.358$$

$$BEC = 10.46$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.55	0.0004	P	7.9
2	☐	1.000	1.034	1125.61	0.0055	P	4.6
3	☐	500.000	505.122	501934.77	2.4962	P	1.8
4	☐	1250.000	1292.121	1243232.50	6.3849	P	2.0
5	☐	2500.000	2562.096	2428195.54	12.6599	A	2.5
6	☐	5000.000	5032.021	4835994.86	24.8640	A	2.9
7	☐	10000.000	9962.944	10206609.22	49.2282	A	13.1
8	☐			5966.86	0.0304	P	6.7

$$y = 0.0049 * x + 3.6777E-004$$

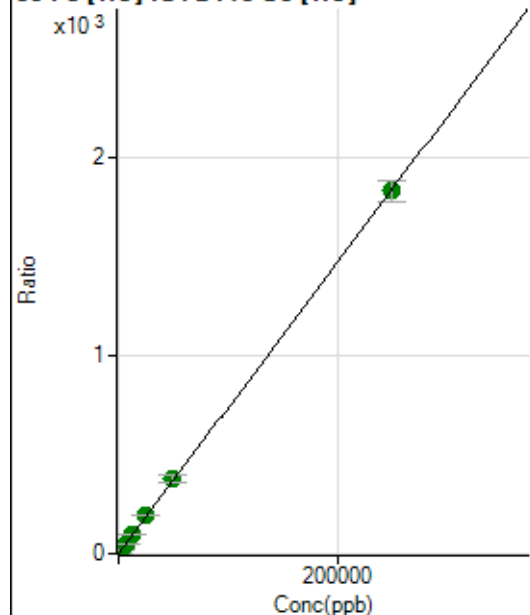
$$R = 1.0000$$

$$DL = 0.01758$$

$$BEC = 0.07443$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4454.48	0.0217	P	6.0
2	☐	50.000	50.587	80796.63	0.3933	P	2.4
3	☐	2500.000	2734.637	4044051.34	20.1108	A	0.8
4	☐	6250.000	6984.195	9994203.81	51.3288	A	3.1
5	☐	12500.000	13325.541	18779967.09	97.9133	A	2.5
6	☐	25000.000	26203.156	37445801.30	192.5144	A	2.8
7	☐	50000.000	51501.853	78615623.98	378.3628	A	10.6
8	☐	250000.00	249517.33	360040426.5	1.833.017	A	5.9

$$y = 0.0073 * x + 0.0217$$

$$R = 1.0000$$

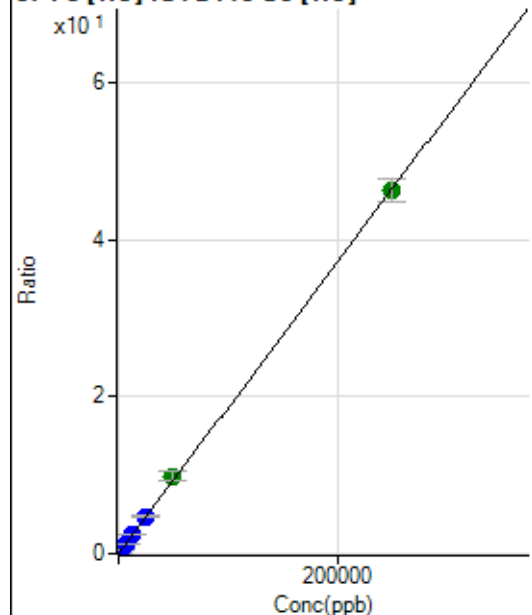
$$DL = 0.5298$$

$$BEC = 2.955$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	220.38	0.0011	P	10.3
2	☐	50.000	51.002	2165.02	0.0105	P	2.3
3	☐	2500.000	2625.494	98233.43	0.4885	P	0.7
4	☐	6250.000	6686.439	241902.64	1.2423	P	2.4
5	☐	12500.000	12940.736	460966.96	2.4033	P	2.5
6	☐	25000.000	25447.041	918964.63	4.7250	P	2.9
7	☐	50000.000	53336.125	2056608.96	9.9022	A	11.1
8	☐	250000.00	249253.86	9086910.50	46.2718	A	6.5

$$y = 1.8564\text{E-}004 * x + 0.0011$$

R = 0.9999

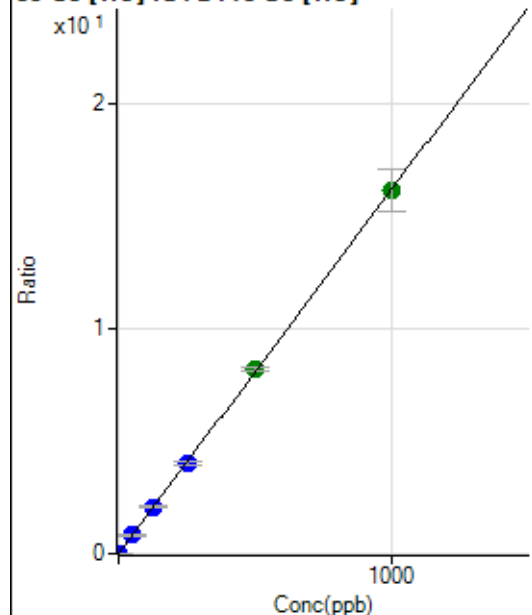
DL = 1.784

BEC = 5.773

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	74.45	0.0004	P	13.8
2	☐	1.000	1.019	3460.46	0.0168	P	1.8
3	☐	50.000	50.294	163672.74	0.8139	P	2.1
4	☐	125.000	128.170	403737.52	2.0737	P	3.4
5	☐	250.000	248.273	770372.38	4.0165	P	2.5
6	☐	500.000	506.742	1594321.26	8.1976	A	2.9
7	☐	1000.000	996.650	3346807.66	16.1225	A	11.6
8	☐			12010.72	0.0612	P	7.2

$$y = 0.0162 * x + 3.6248\text{E-}004$$

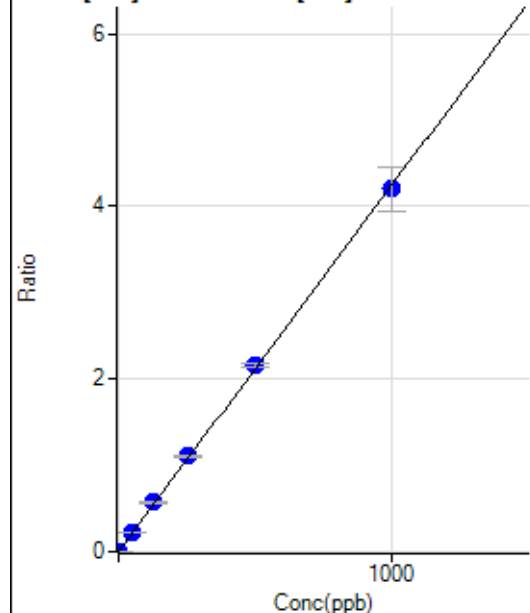
R = 1.0000

DL = 0.009245

BEC = 0.02241

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	72.22	0.0004	P	28.5
2	☐	1.000	1.118	1045.60	0.0051	P	3.3
3	☐	50.000	53.607	45753.56	0.2276	P	1.7
4	☐	125.000	135.652	111996.68	0.5753	P	3.6
5	☐	250.000	260.766	212039.94	1.1056	P	2.9
6	☐	500.000	509.414	420085.57	2.1594	P	1.5
7	☐	1000.000	991.089	871442.12	4.2009	P	12.4
8	☐			3391.55	0.0173	P	10.9

$$y = 0.0042 * x + 3.5229E-004$$

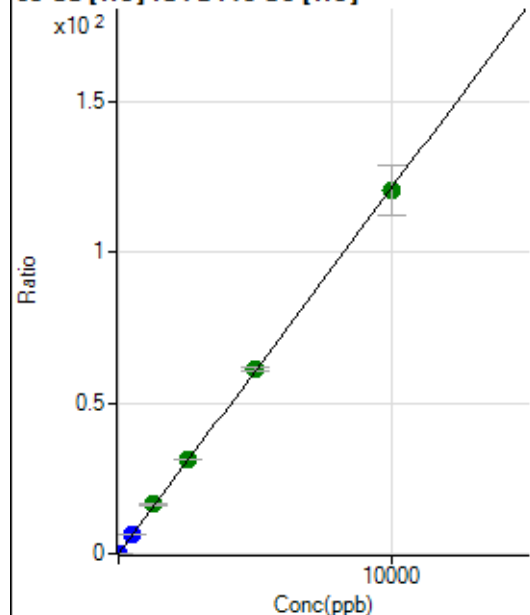
$$R = 0.9998$$

$$DL = 0.07113$$

$$BEC = 0.08312$$

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	1433.42	0.0070	P	5.0
2	☐	2.000	2.015	6460.42	0.0314	P	1.1
3	☐	500.000	524.644	1282426.15	6.3773	P	1.0
4	☐	1250.000	1348.488	3188880.79	16.3804	A	3.3
5	☐	2500.000	2586.767	6026815.47	31.4157	A	0.5
6	☐	5000.000	5074.231	11985999.54	61.6188	A	2.2
7	☐	10000.000	9927.649	24983106.85	120.5494	A	13.7
8	☐			6003.56	0.0306	P	8.8

$$y = 0.0121 * x + 0.0070$$

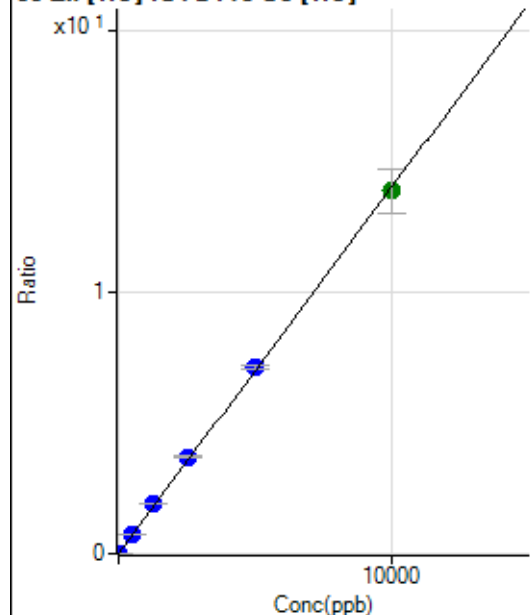
$$R = 0.9999$$

$$DL = 0.08703$$

$$BEC = 0.5754$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.56	0.0010	P	26.1
2	☐	2.000	2.917	1045.60	0.0051	P	4.3
3	☐	500.000	547.026	154249.57	0.7669	P	0.8
4	☐	1250.000	1364.378	372111.01	1.9113	P	3.4
5	☐	2500.000	2637.341	708447.59	3.6937	P	2.8
6	☐	5000.000	5084.027	1384940.14	7.1194	P	1.8
7	☐	10000.000	9907.003	2877843.36	13.8724	A	12.4
8	☐			2468.02	0.0126	P	4.7

$$y = 0.0014 * x + 0.0010$$

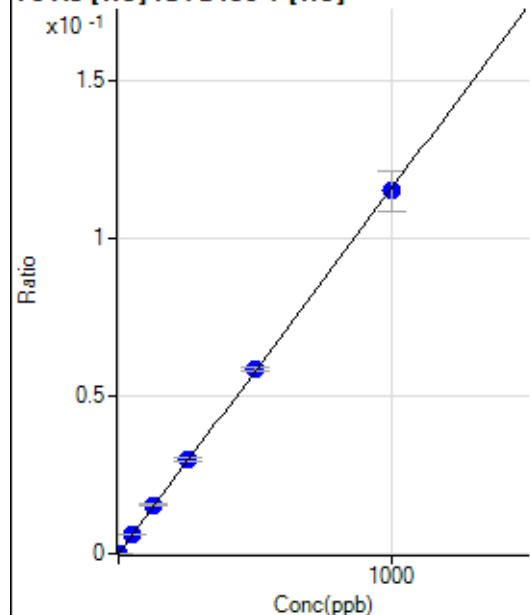
$$R = 0.9998$$

$$DL = 0.5611$$

$$BEC = 0.7174$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	25.9
2	☐	1.000	1.129	202.35	0.0001	P	16.4
3	☐	50.000	52.792	9168.90	0.0061	P	1.8
4	☐	125.000	134.030	22425.32	0.0155	P	3.2
5	☐	250.000	259.413	42959.28	0.0301	P	4.8
6	☐	500.000	505.889	85220.85	0.0586	P	1.9
7	☐	1000.000	993.434	178399.70	0.1151	P	11.2
8	☐			118.68	0.0001	P	9.9

$$y = 1.1586E-004 * x + 5.5529E-006$$

$$R = 0.9999$$

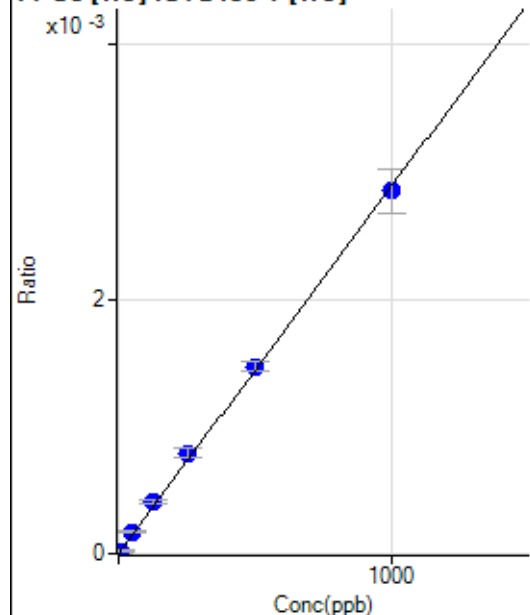
$$DL = 0.03719$$

$$BEC = 0.04793$$

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	7.261	32.22	0.0000	P	46.5
3	☐	50.000	59.402	257.78	0.0002	P	9.2
4	☐	125.000	139.330	581.13	0.0004	P	7.2
5	☐	250.000	273.203	1126.72	0.0008	P	9.7
6	☐	500.000	508.863	2135.74	0.0015	P	5.4
7	☐	1000.000	987.495	4416.30	0.0029	P	11.9
8	☐			1.11	0.0000	P	173.2

$$y = 2.8864\text{E-}006 * x + 7.4426\text{E-}007$$

$$R = 0.9996$$

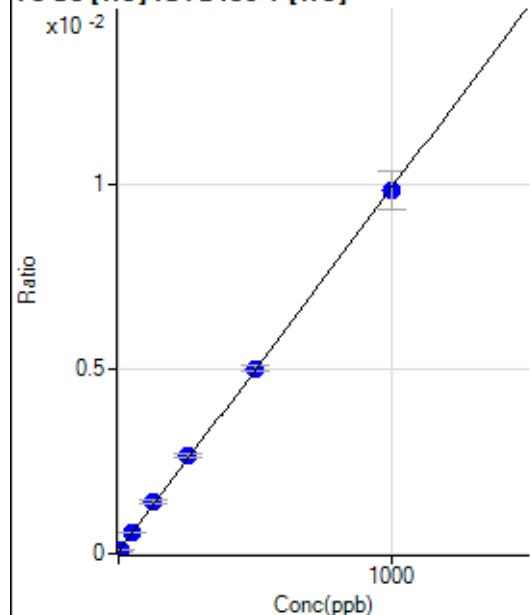
$$DL = 1.34$$

$$BEC = 0.2579$$

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	89.01	0.0001	P	8.4
2	☐	5.000	4.470	153.69	0.0001	P	1.9
3	☐	50.000	53.524	877.78	0.0006	P	3.8
4	☐	125.000	138.488	2051.69	0.0014	P	6.1
5	☐	250.000	264.384	3803.57	0.0027	P	3.3
6	☐	500.000	504.327	7299.97	0.0050	P	2.7
7	☐	1000.000	992.381	15232.08	0.0098	P	10.8
8	☐			89.34	0.0001	P	10.2

$$y = 9.8392\text{E-}006 * x + 5.9459\text{E-}005$$

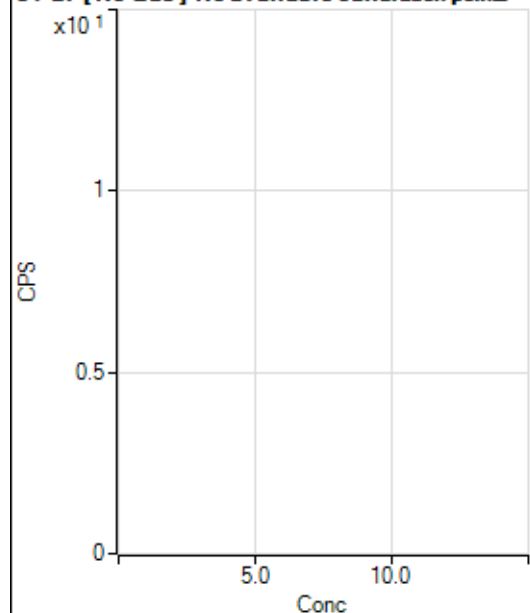
$$R = 0.9998$$

$$DL = 1.531$$

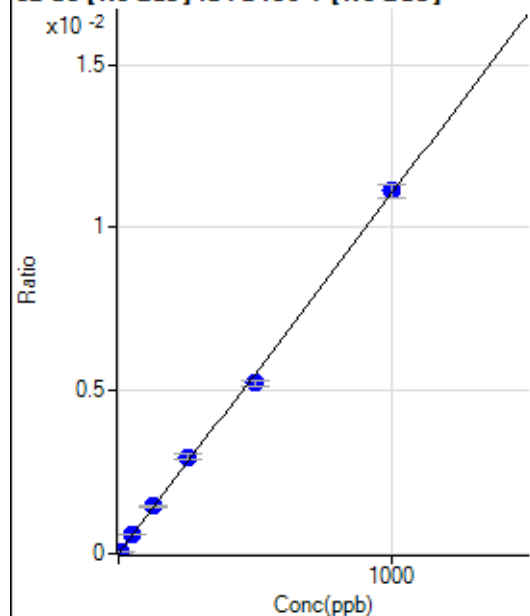
$$BEC = 6.043$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61314.60		P	1.5
2	☐			61542.74		P	3.1
3	☐			61133.53		P	5.5
4	☐			60068.20		P	1.1
5	☐			56423.02		P	2.1
6	☐			54817.32		P	1.3
7	☐			55142.73		P	1.2
8	☐			57715.52		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-7.50	0.0000	P	-333.
2	☐	5.000	5.432	736.61	0.0001	P	5.4
3	☐	50.000	52.796	7189.06	0.0006	P	3.5
4	☐	125.000	131.343	17984.69	0.0014	P	1.6
5	☐	250.000	269.193	34781.43	0.0030	P	4.9
6	☐	500.000	473.033	67818.23	0.0052	P	2.5
7	☐	1000.000	1007.750	136487.69	0.0111	P	3.7
8	☐			180.82	0.0000	P	15.4

$$y = 1.1040E-005 * x - 5.9325E-007$$

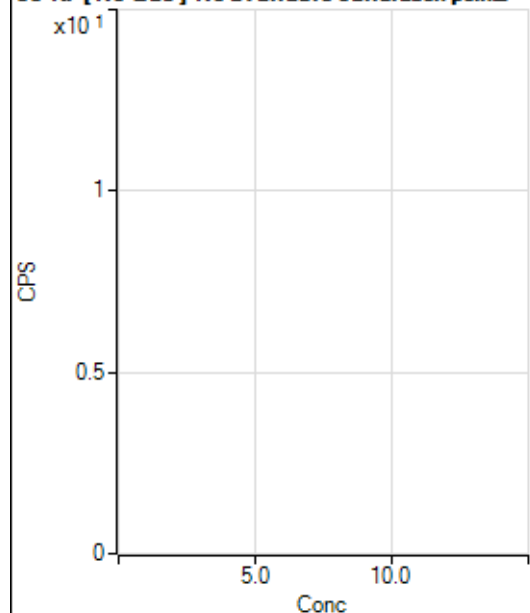
$$R = 0.9993$$

$$DL = 0.5374$$

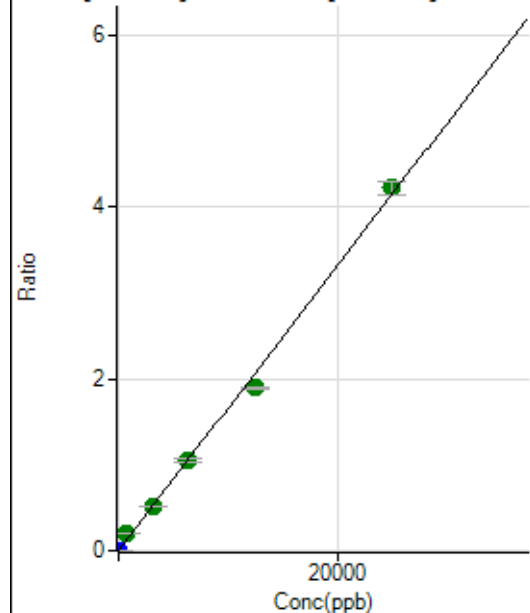
$$BEC = -0.05374$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			371.21		P	7.1
2	☐			350.38		P	9.5
3	☐			367.04		P	1.1
4	☐			340.79		P	7.4
5	☐			335.80		P	8.2
6	☐			354.96		P	9.4
7	☐			343.29		P	10.5
8	☐			383.71		P	2.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	622.25	0.0001	P	3.0
2	☐	1.000	0.964	2614.20	0.0002	P	0.8
3	☐	625.000	1255.912	2570023.23	0.2082	A	3.9
4	☐	3125.000	3120.159	6416390.81	0.5171	A	0.9
5	☐	6250.000	6305.039	12232186.64	1.0448	A	4.6
6	☐	12500.000	11428.840	24599305.24	1.8939	A	2.2
7	☐	25000.000	25506.652	51853839.35	4.2266	A	4.0
8	☐			15350.85	0.0012	P	11.6

$$y = 1.6570E-004 * x + 5.1021E-005$$

$$R = 0.9982$$

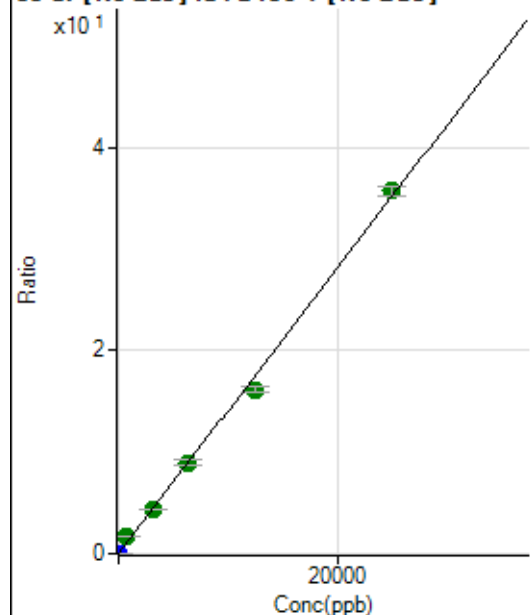
$$DL = 0.02794$$

$$BEC = 0.3079$$

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	572.25	0.0000	P	18.0
2	☐	1.000	0.963	17355.73	0.0014	P	2.6
3	☐	625.000	1234.374	21414181.56	1.7344	A	3.8
4	☐	3125.000	3128.880	54555641.50	4.3962	A	0.7
5	☐	6250.000	6403.284	105187484.9	8.9968	A	8.1
6	☐	12500.000	11517.833	210182938.0	16.1829	A	3.1
7	☐	25000.000	25437.043	438580948.6	35.7398	A	2.6
8	☐			126811.99	0.0102	P	12.9

$$y = 0.0014 * x + 4.7002E-005$$

$$R = 0.9985$$

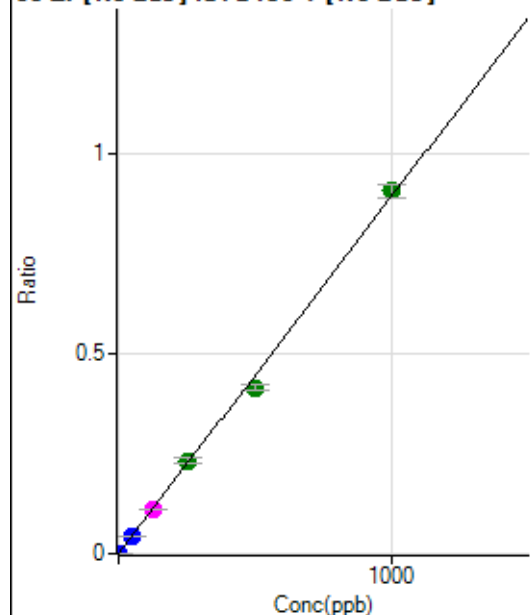
$$DL = 0.01803$$

$$BEC = 0.03345$$

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	550.03	0.0000	P	12.7
2	☐	1.000	0.944	11013.02	0.0009	P	1.2
3	☐	50.000	49.982	551576.99	0.0447	P	3.0
4	☐	125.000	123.694	1370994.99	0.1105	M	0.6
5	☐	250.000	260.011	2717491.62	0.2322	A	5.4
6	☐	500.000	464.200	5383015.18	0.4145	A	3.1
7	☐	1000.000	1015.561	11125203.46	0.9067	A	3.8
8	☐			5526.30	0.0004	P	13.1

$$y = 8.9281E-004 * x + 4.5051E-005$$

$$R = 0.9990$$

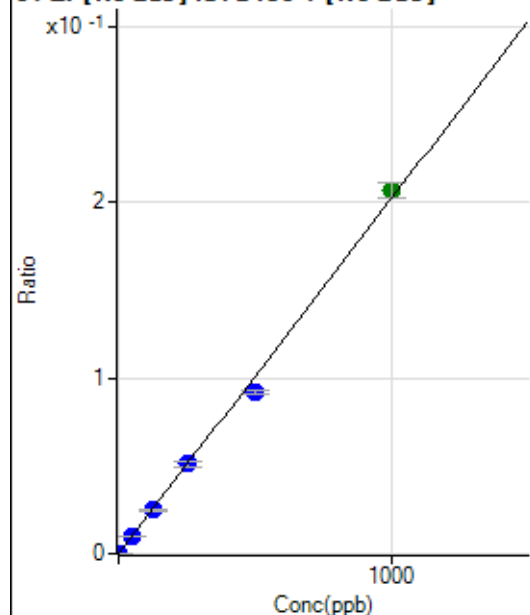
$$DL = 0.01926$$

$$BEC = 0.05046$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	39.7
2	☐	1.000	0.888	2289.14	0.0002	P	3.1
3	☐	50.000	48.811	121793.67	0.0099	P	3.8
4	☐	125.000	122.788	307817.94	0.0248	P	1.8
5	☐	250.000	252.575	597300.35	0.0510	P	5.2
6	☐	500.000	456.817	1198650.62	0.0923	P	2.5
7	☐	1000.000	1021.284	2530834.56	0.2063	A	4.2
8	☐			1200.09	0.0001	P	12.9

$$y = 2.0199\text{E-}004 * x + 5.2340\text{E-}006$$

$$R = 0.9986$$

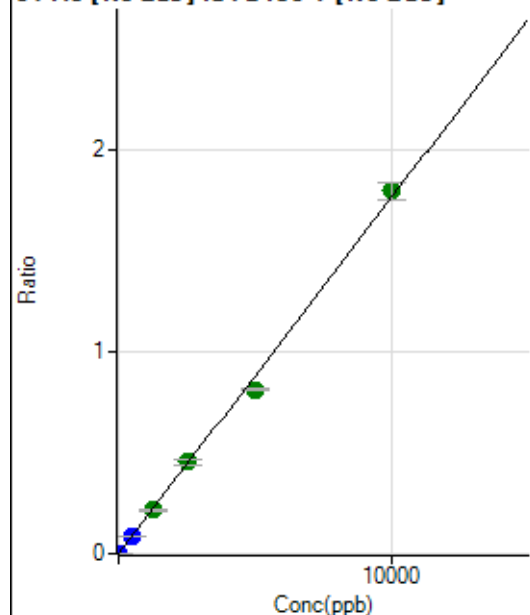
$$DL = 0.03086$$

$$BEC = 0.02591$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.11	0.0000	P	17.2
2	☐	5.000	5.817	12903.55	0.0010	P	1.7
3	☐	500.000	500.048	1090513.01	0.0883	P	2.9
4	☐	1250.000	1227.786	2690342.99	0.2168	A	3.3
5	☐	2500.000	2574.737	5320140.05	0.4547	A	6.1
6	☐	5000.000	4597.334	10546121.16	0.8118	A	1.3
7	☐	10000.000	10185.422	22064604.14	1.7986	A	4.7
8	☐			9189.46	0.0007	P	10.9

$$y = 1.7658\text{E-}004 * x + 1.3226\text{E-}005$$

$$R = 0.9988$$

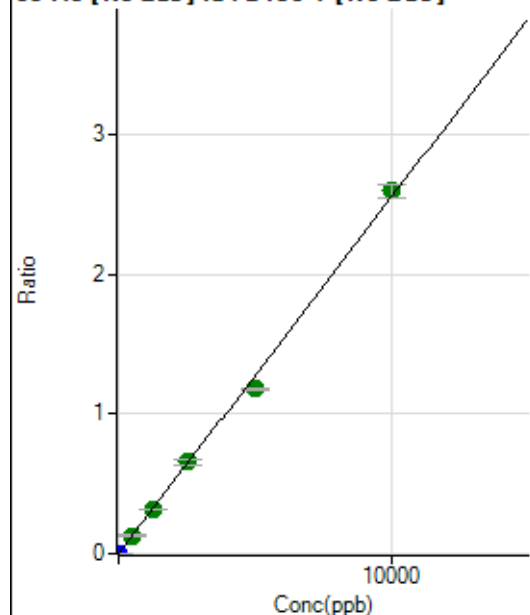
$$DL = 0.03854$$

$$BEC = 0.0749$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	36.1
2	☐	5.000	5.127	16262.71	0.0013	P	1.1
3	☐	500.000	507.745	1602494.51	0.1298	A	3.8
4	☐	1250.000	1229.045	3898546.05	0.3142	A	1.5
5	☐	2500.000	2575.108	7702399.39	0.6582	A	6.0
6	☐	5000.000	4620.085	15340689.23	1.1810	A	1.7
7	☐	10000.000	10173.413	31906353.84	2.6005	A	3.6
8	☐			11647.03	0.0009	P	15.8

$$y = 2.5561\text{E-}004 * x + 1.1449\text{E-}006$$

$$R = 0.9989$$

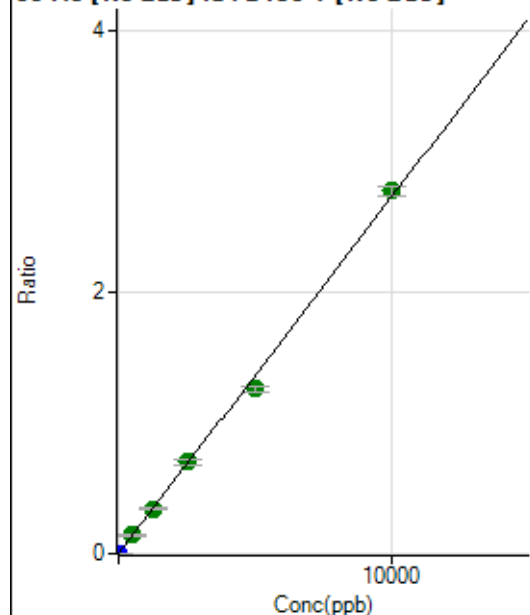
$$DL = 0.004849$$

$$BEC = 0.004479$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	166.67	0.0000	P	45.4
2	☐	5.000	5.299	18076.20	0.0015	P	2.3
3	☐	500.000	515.069	1733310.69	0.1403	A	2.7
4	☐	1250.000	1256.648	4248628.70	0.3424	A	2.4
5	☐	2500.000	2568.150	8185256.69	0.6997	A	7.0
6	☐	5000.000	4613.585	16325104.01	1.2570	A	3.1
7	☐	10000.000	10174.585	34015565.69	2.7721	A	3.0
8	☐			27352.91	0.0022	P	5.5

$$y = 2.7245\text{E-}004 * x + 1.3747\text{E-}005$$

$$R = 0.9989$$

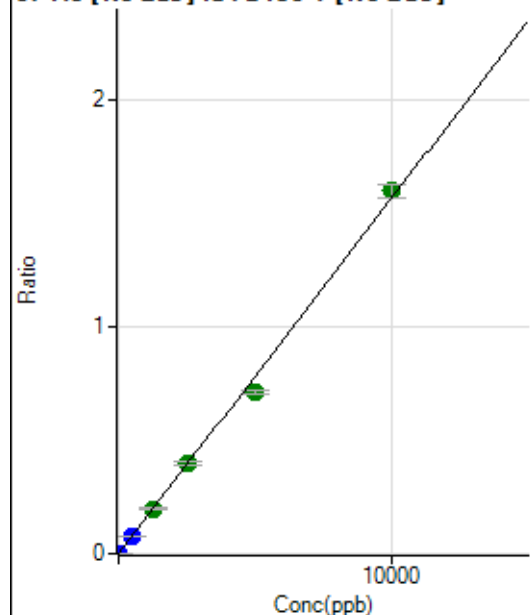
$$DL = 0.06866$$

$$BEC = 0.05046$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.5
2	☐	5.000	5.043	9812.10	0.0008	P	1.5
3	☐	500.000	503.995	975376.85	0.0790	P	3.7
4	☐	1250.000	1259.251	2449007.15	0.1974	A	3.5
5	☐	2500.000	2560.087	4699825.80	0.4013	A	3.6
6	☐	5000.000	4545.668	9253828.51	0.7125	A	2.9
7	☐	10000.000	10210.788	19636184.99	1.6005	A	3.7
8	☐			7535.64	0.0006	P	15.7

$$y = 1.5674E-004 * x + 9.1194E-007$$

$$R = 0.9985$$

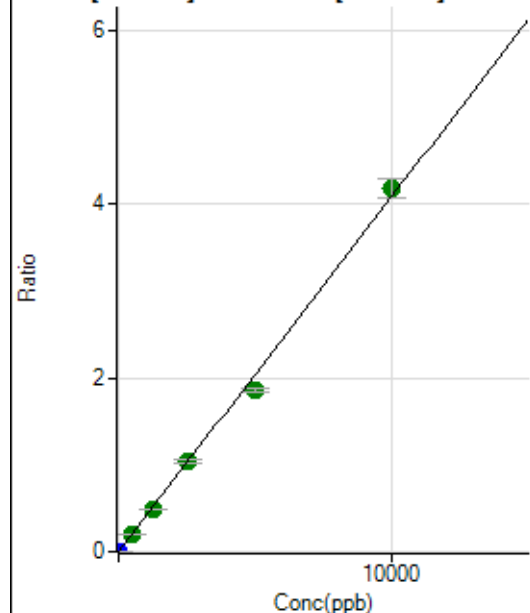
$$DL = 0.007597$$

$$BEC = 0.005818$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	38.0
2	☐	5.000	4.931	25053.79	0.0020	P	0.6
3	☐	500.000	501.569	2532742.18	0.2051	A	2.0
4	☐	1250.000	1211.578	6147097.75	0.4954	A	1.3
5	☐	2500.000	2542.589	12173409.82	1.0396	A	4.1
6	☐	5000.000	4537.484	24096432.83	1.8553	A	2.6
7	☐	10000.000	10225.335	51281714.34	4.1808	A	5.1
8	☐			17906.95	0.0014	P	19.6

$$y = 4.0887E-004 * x + 4.3141E-006$$

$$R = 0.9984$$

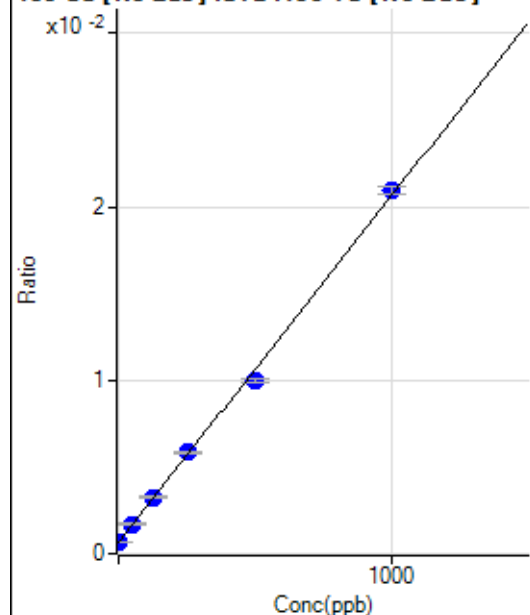
$$DL = 0.01204$$

$$BEC = 0.01055$$

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	5723.58	0.0007	P	1.5
2	☐	1.000	1.135	5818.03	0.0007	P	9.6
3	☐	50.000	51.774	14783.31	0.0017	P	3.6
4	☐	125.000	130.063	28371.66	0.0033	P	3.3
5	☐	250.000	259.835	49447.96	0.0058	P	1.5
6	☐	500.000	465.674	93699.71	0.0100	P	2.7
7	☐	1000.000	1013.982	185493.17	0.0209	P	1.9
8	☐			5315.07	0.0006	P	3.5

$$y = 1.9978\text{E-}005 * x + 6.5498\text{E-}004$$

$$R = 0.9991$$

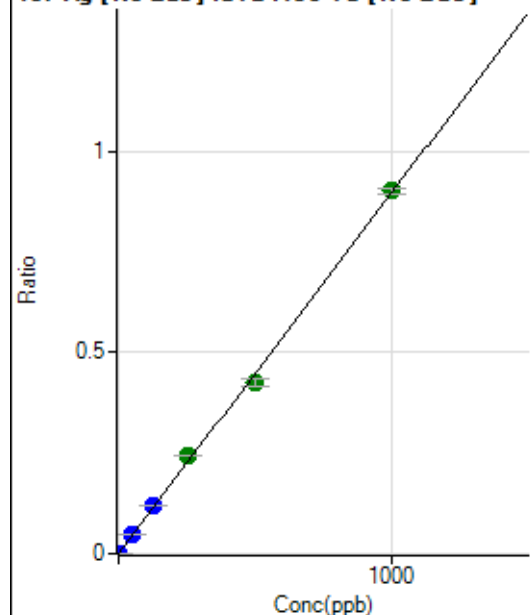
$$DL = 1.505$$

$$BEC = 32.79$$

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	144.45	0.0000	P	13.7
2	☐	1.000	1.063	8330.49	0.0010	P	4.6
3	☐	50.000	53.640	421204.41	0.0481	P	2.8
4	☐	125.000	132.364	1035652.52	0.1187	P	1.0
5	☐	250.000	273.886	2078416.54	0.2457	A	0.2
6	☐	500.000	474.201	3998897.14	0.4253	A	5.4
7	☐	1000.000	1005.825	8001874.48	0.9021	A	1.9
8	☐			2936.52	0.0003	P	15.0

$$y = 8.9688\text{E-}004 * x + 1.6561\text{E-}005$$

$$R = 0.9992$$

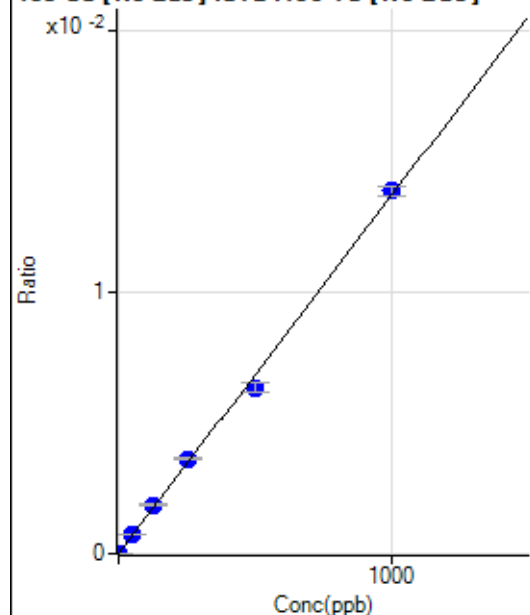
$$DL = 0.007598$$

$$BEC = 0.01847$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	19.5
2	☐	1.000	1.139	155.56	0.0000	P	18.8
3	☐	50.000	55.017	6623.89	0.0008	P	3.7
4	☐	125.000	135.228	16191.64	0.0019	P	4.3
5	☐	250.000	265.314	30785.90	0.0036	P	2.4
6	☐	500.000	463.622	59802.99	0.0064	P	5.0
7	☐	1000.000	1012.831	123191.92	0.0139	P	3.0
8	☐			123.61	0.0000	P	19.9

$$y = 1.3711\text{E-}005 * x + 2.5356\text{E-}006$$

$$R = 0.9988$$

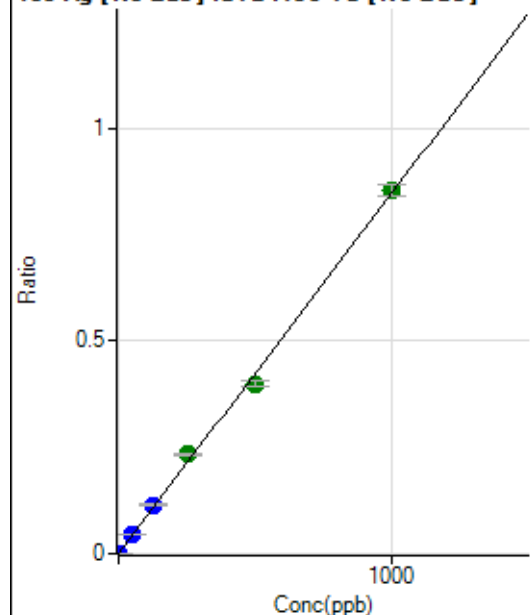
$$DL = 0.1083$$

$$BEC = 0.1849$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	17.2
2	☐	1.000	1.171	8586.26	0.0010	P	1.7
3	☐	50.000	54.158	401560.12	0.0459	P	4.2
4	☐	125.000	134.344	992686.17	0.1138	P	2.7
5	☐	250.000	275.561	1974101.54	0.2335	A	3.3
6	☐	500.000	470.636	3751065.45	0.3987	A	3.4
7	☐	1000.000	1006.916	7565685.33	0.8531	A	3.3
8	☐			2478.06	0.0003	P	11.4

$$y = 8.4721\text{E-}004 * x + 7.0091\text{E-}006$$

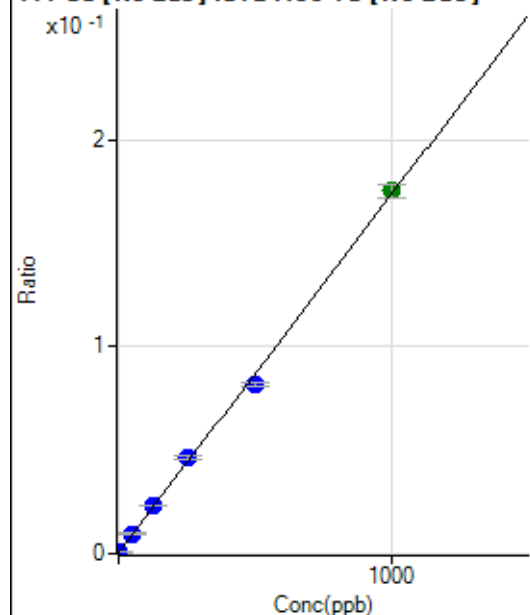
$$R = 0.9990$$

$$DL = 0.004277$$

$$BEC = 0.008273$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4020.12	0.0005	P	1.5
2	☐	1.000	1.133	5633.30	0.0007	P	8.4
3	☐	50.000	52.829	83958.17	0.0096	P	4.4
4	☐	125.000	131.640	202553.06	0.0232	P	1.6
5	☐	250.000	265.412	392034.15	0.0464	P	2.3
6	☐	500.000	470.273	769442.52	0.0818	P	2.8
7	☐	1000.000	1010.039	1553070.50	0.1751	A	3.7
8	☐			4000.70	0.0005	P	1.7

$$y = 1.7292\text{E-}004 * x + 4.6005\text{E-}004$$

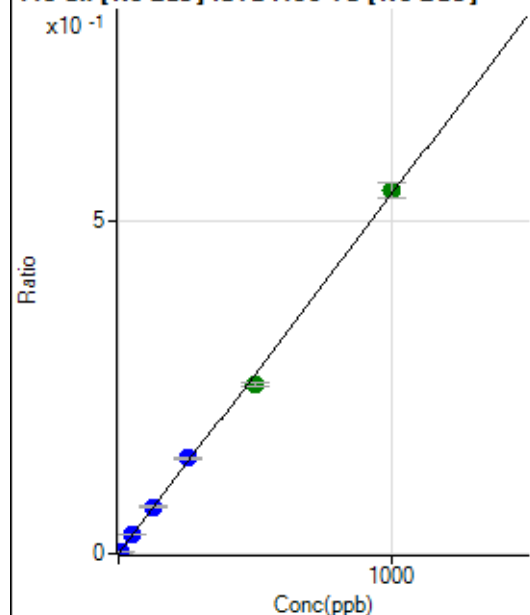
$$R = 0.9992$$

$$DL = 0.1184$$

$$BEC = 2.661$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1108.41	0.0001	P	6.2
2	☐	5.000	5.156	24998.62	0.0029	P	1.6
3	☐	50.000	52.519	249047.40	0.0285	P	3.3
4	☐	125.000	130.255	613962.40	0.0704	P	1.5
5	☐	250.000	265.422	1211793.07	0.1433	P	2.9
6	☐	500.000	472.120	2397925.07	0.2548	A	2.0
7	☐	1000.000	1009.301	4829373.37	0.5446	A	4.2
8	☐			6118.21	0.0007	P	4.3

$$y = 5.3943\text{E-}004 * x + 1.2692\text{E-}004$$

$$R = 0.9993$$

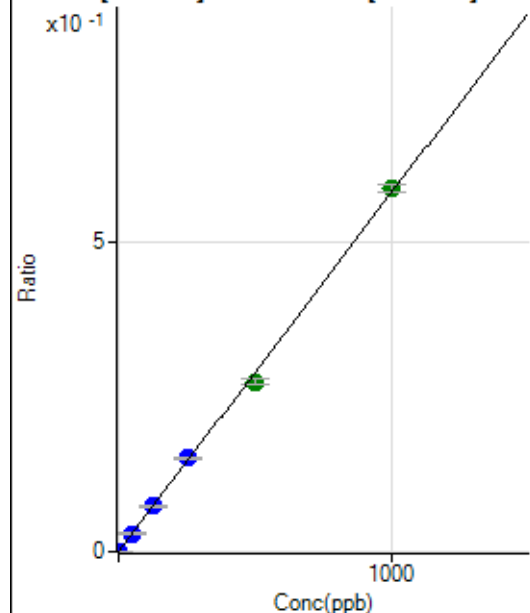
$$DL = 0.04345$$

$$BEC = 0.2353$$

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	41.66	0.0000	P	33.0
2	☐	2.000	2.071	10370.94	0.0012	P	2.4
3	☐	50.000	50.496	256493.49	0.0293	P	3.6
4	☐	125.000	126.740	641556.52	0.0736	P	1.9
5	☐	250.000	260.057	1276163.78	0.1509	P	3.3
6	☐	500.000	473.803	2586203.99	0.2750	A	4.2
7	☐	1000.000	1010.342	5201109.75	0.5864	A	2.2
8	☐			4884.37	0.0006	P	15.0

$$y = 5.8035\text{E-}004 * x + 4.7543\text{E-}006$$

$$R = 0.9994$$

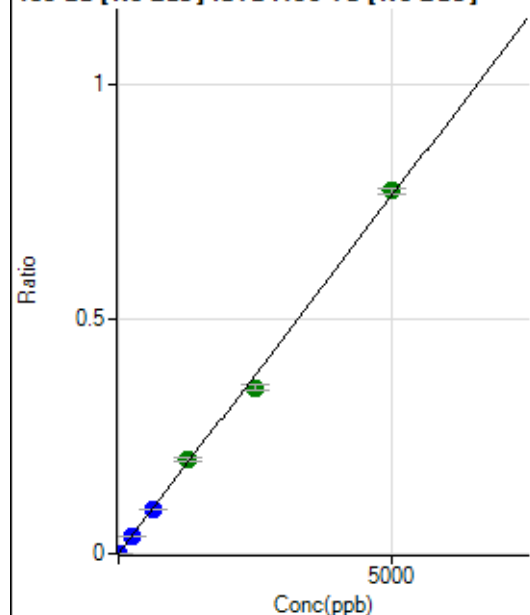
$$DL = 0.008109$$

$$BEC = 0.008192$$

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	30.55	0.0000	P	13.5
2	☐	10.000	9.838	12914.90	0.0015	P	3.5
3	☐	250.000	246.396	328661.79	0.0376	P	3.3
4	☐	625.000	620.119	824337.47	0.0945	P	1.1
5	☐	1250.000	1318.347	1698888.41	0.2009	A	3.2
6	☐	2500.000	2323.683	3330612.97	0.3541	A	4.2
7	☐	5000.000	5071.862	6857122.90	0.7729	A	1.6
8	☐			3489.45	0.0004	P	8.0

$$y = 1.5240\text{E-}004 * x + 3.4894\text{E-}006$$

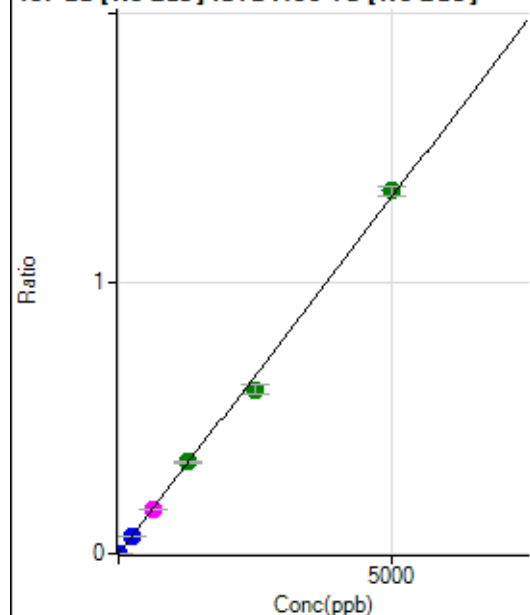
$$R = 0.9990$$

$$DL = 0.009272$$

$$BEC = 0.0229$$

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	72.23	0.0000	P	38.6
2	☐	10.000	9.924	22536.13	0.0026	P	2.1
3	☐	250.000	246.893	569115.58	0.0650	P	2.4
4	☐	625.000	620.274	1424633.79	0.1633	M	2.3
5	☐	1250.000	1283.269	2858192.34	0.3379	A	1.7
6	☐	2500.000	2303.215	5702442.36	0.6065	A	5.4
7	☐	5000.000	5090.822	11890079.35	1.3406	A	2.8
8	☐			5879.22	0.0007	P	10.0

$$y = 2.6333E-004 * x + 8.3074E-006$$

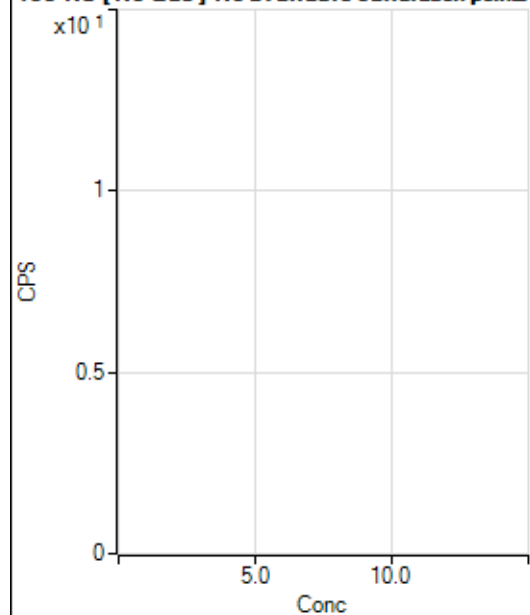
$$R = 0.9989$$

$$DL = 0.03654$$

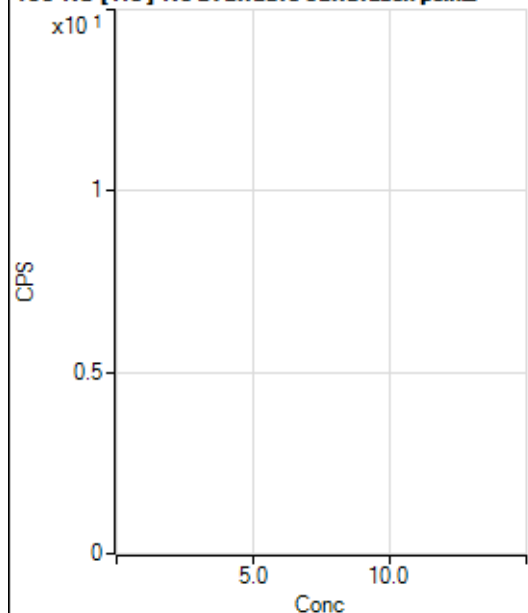
$$BEC = 0.03155$$

Weight: <None>

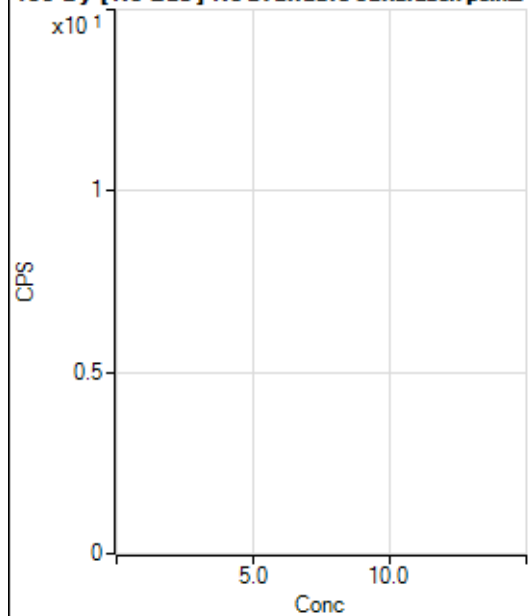
Min Conc: 0

150 Nd [No Gas] No available calibration points

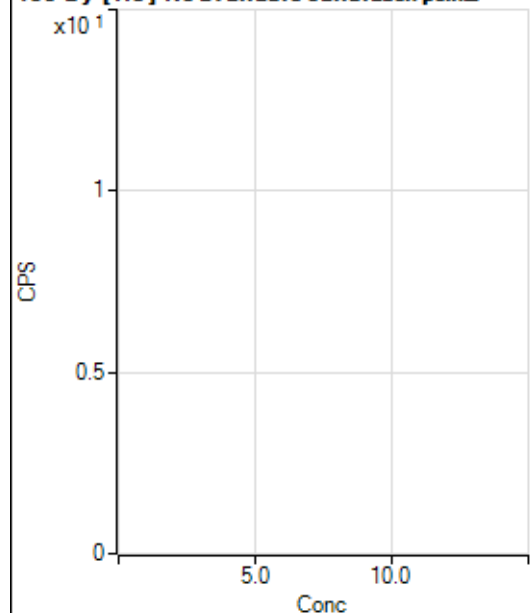
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			11.11		P	91.7
3	☐			42.22		P	48.2
4	☐			97.78		P	37.6
5	☐			175.56		P	17.9
6	☐			264.45		P	20.5
7	☐			693.37		P	15.9
8	☐			62.22		P	16.4

150 Nd [He] No available calibration points

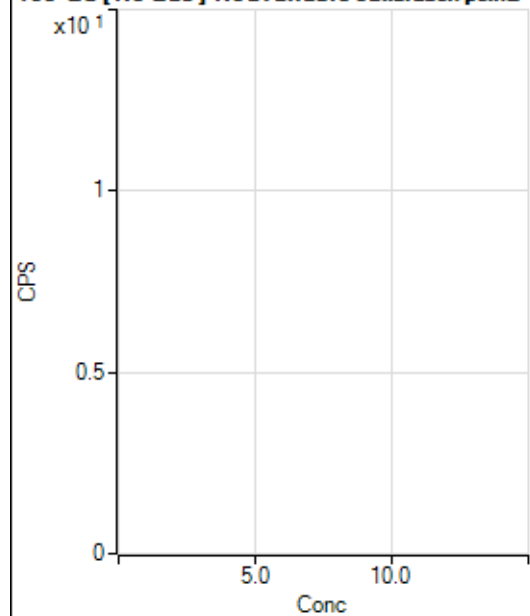
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			0.00		P	
3	☐			1.11		P	173.2
4	☐			4.45		P	86.6
5	☐			13.33		P	25.0
6	☐			20.00		P	33.4
7	☐			47.78		P	8.1
8	☐			20.00		P	60.1

156 Dy [No Gas] No available calibration points

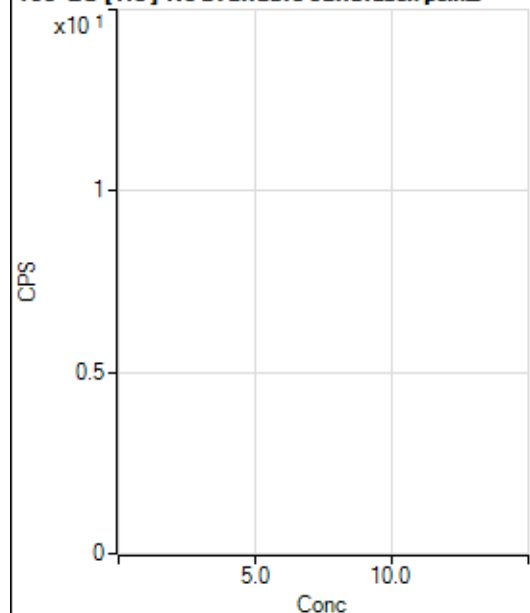
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.2
2	☐			2.78		P	173.2
3	☐			25.00		P	120.2
4	☐			27.78		P	45.8
5	☐			66.67		P	12.5
6	☐			163.89		P	2.9
7	☐			327.79		P	11.5
8	☐			819.49		P	7.1

156 Dy [He] No available calibration points

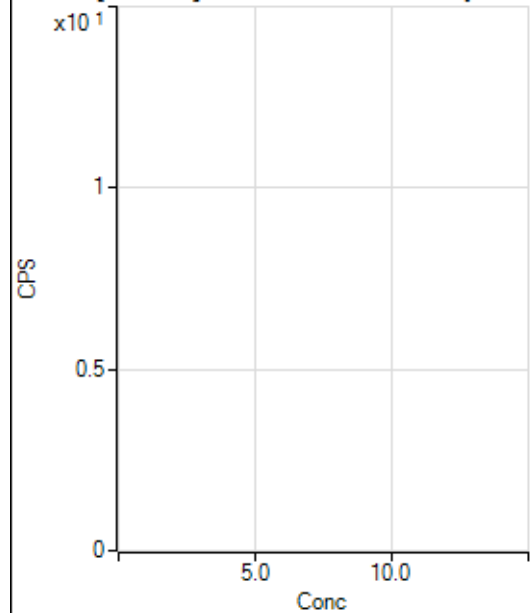
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			1.11		P	173.2
3	☐			7.78		P	49.5
4	☐			21.11		P	45.6
5	☐			25.56		P	19.9
6	☐			48.89		P	3.9
7	☐			102.22		P	22.2
8	☐			274.45		P	24.0

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

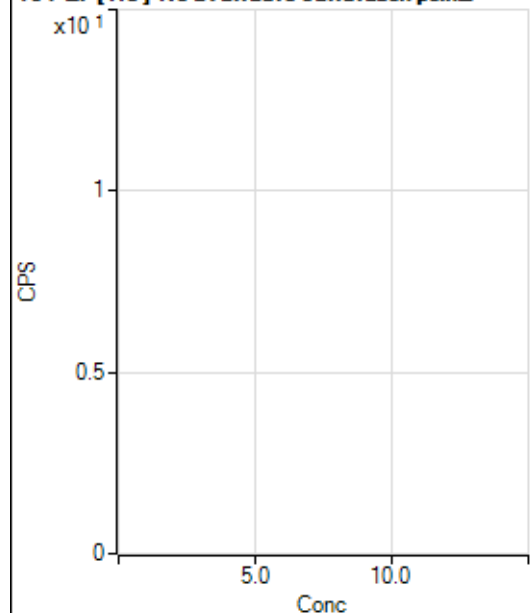
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			119.45		P	29.0
2	☐			133.34		P	31.3
3	☐			147.23		P	27.9
4	☐			125.00		P	20.0
5	☐			144.45		P	21.8
6	☐			227.79		P	16.5
7	☐			250.01		P	20.3
8	☐			613.92		P	5.5

160 Gd [He] No available calibration points

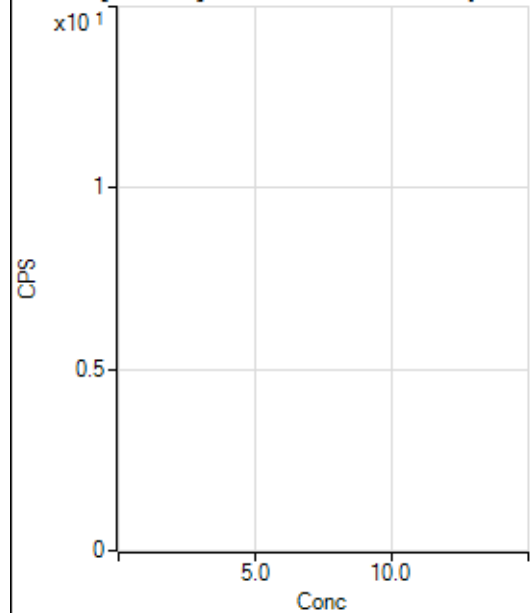
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			116.67		P	8.6
2	☐			96.67		P	21.0
3	☐			116.67		P	12.5
4	☐			105.56		P	21.0
5	☐			101.11		P	15.6
6	☐			136.67		P	12.9
7	☐			167.78		P	12.1
8	☐			328.90		P	5.2

164 Er [No Gas] No available calibration points

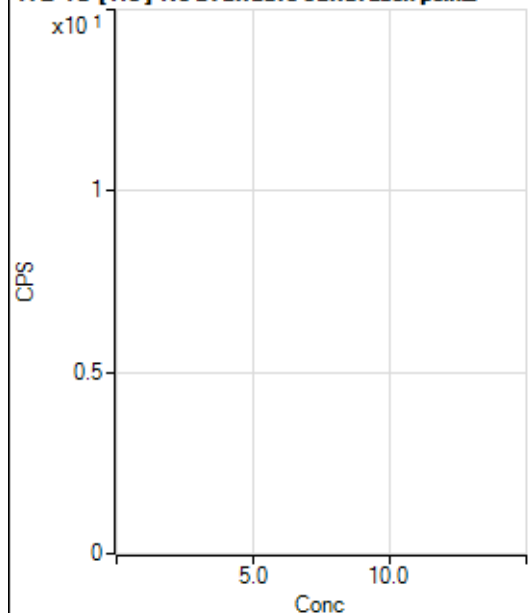
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	45.6
2	☐			38.89		P	24.7
3	☐			50.00		P	57.7
4	☐			30.56		P	41.7
5	☐			47.22		P	44.4
6	☐			61.11		P	64.4
7	☐			108.34		P	23.1
8	☐			52.78		P	32.9

164 Er [He] No available calibration points

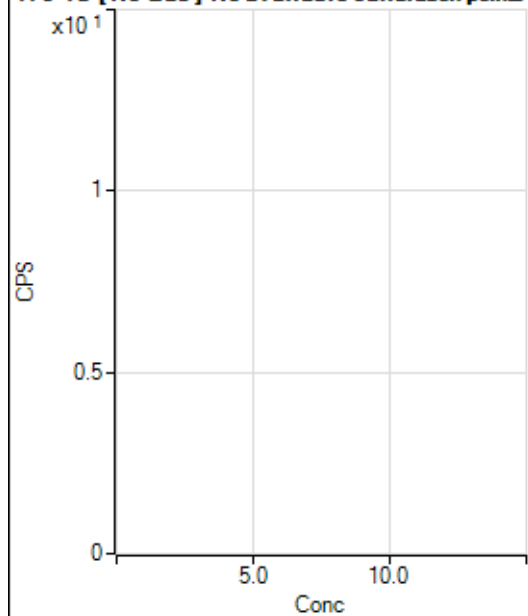
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	66.1
2	☐			12.22		P	41.7
3	☐			13.33		P	66.2
4	☐			20.00		P	66.7
5	☐			11.11		P	69.3
6	☐			20.00		P	33.4
7	☐			43.33		P	13.3
8	☐			13.33		P	NaN

172 Yb [No Gas] No available calibration points

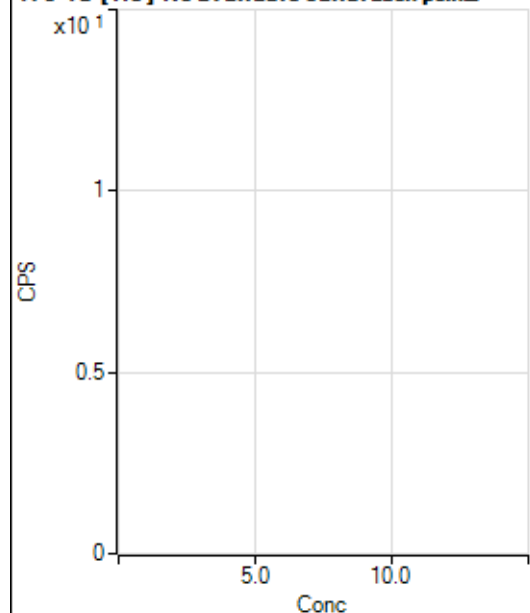
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	57.3
2	☐			33.34		P	43.3
3	☐			58.34		P	57.1
4	☐			75.00		P	40.1
5	☐			47.22		P	36.7
6	☐			86.11		P	31.1
7	☐			119.45		P	40.3
8	☐			130.56		P	20.5

172 Yb [He] No available calibration points

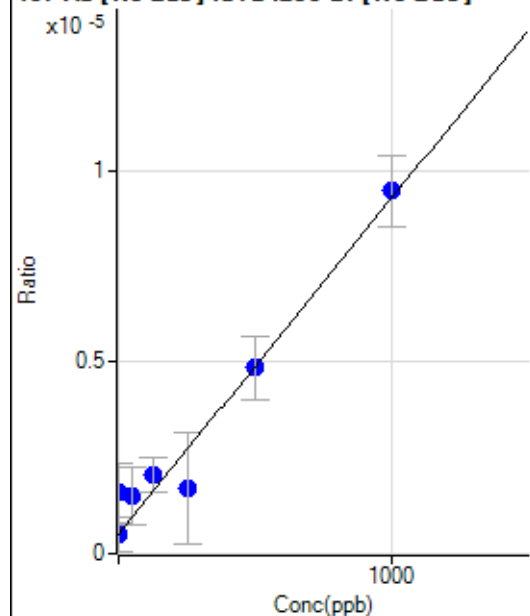
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.37		P	15.7
2	☐			37.04		P	82.6
3	☐			16.67		P	33.3
4	☐			42.59		P	60.2
5	☐			22.22		P	25.0
6	☐			25.93		P	32.7
7	☐			50.00		P	44.4
8	☐			85.19		P	30.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2041.89		P	10.3
2	☐			2036.33		P	4.5
3	☐			2500.31		P	3.5
4	☐			3603.38		P	4.0
5	☐			5003.88		P	5.0
6	☐			8358.45		P	3.2
7	☐			14992.22		P	2.9
8	☐			1900.20		P	9.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7485.61		P	2.3
2	☐			7272.51		P	5.4
3	☐			7242.85		P	0.7
4	☐			7229.89		P	2.1
5	☐			8050.72		P	2.8
6	☐			9557.33		P	3.3
7	☐			13334.80		P	8.4
8	☐			7127.99		P	4.7

197 Au [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.2
2	☐	1.000	121.860	8.33	0.0000	P	99.8
3	☐	50.000	112.322	8.33	0.0000	P	99.8
4	☐	125.000	175.859	11.11	0.0000	P	41.8
5	☐	250.000	135.159	8.33	0.0000	P	173.2
6	☐	500.000	494.690	27.78	0.0000	P	34.5
7	☐	1000.000	1021.771	50.00	0.0000	P	19.6
8	☐			13.89	0.0000	P	92.5

$$y = 8.7712E-009 * x + 5.1399E-007$$

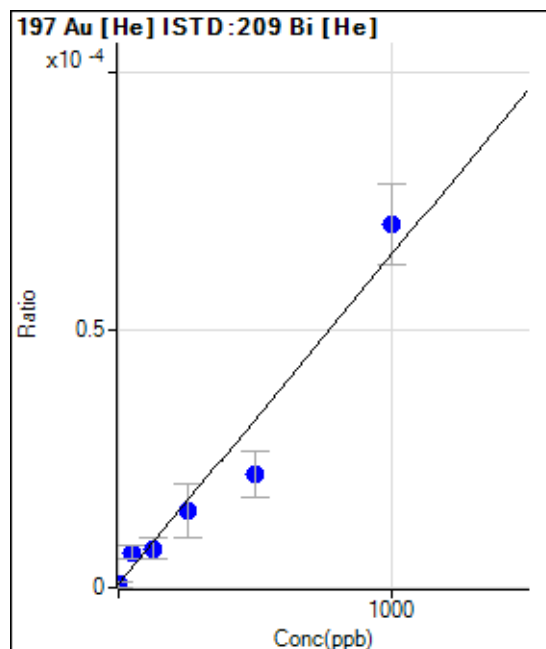
$$R = 0.9797$$

$$DL = 304.5$$

$$BEC = 58.6$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.85	0.0000	P	173.2
2	☐	1.000	-0.204	1.85	0.0000	P	173.2
3	☐	50.000	96.750	18.52	0.0000	P	35.0
4	☐	125.000	108.285	20.37	0.0000	P	56.4
5	☐	250.000	221.854	38.89	0.0000	P	71.6
6	☐	500.000	333.194	59.26	0.0000	P	40.5
7	☐	1000.000	1090.192	190.75	0.0001	P	22.3
8	☐			0.00	0.0000	P	

$$y = 6.4036\text{E-}008 * x + 6.9200\text{E-}007$$

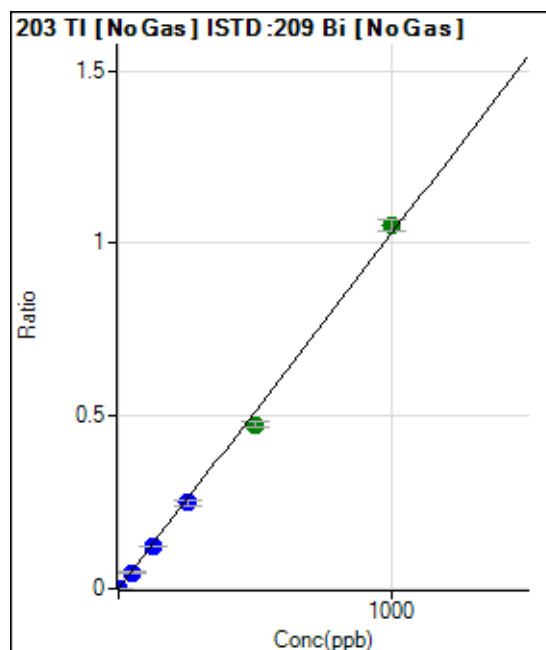
$$R = 0.9783$$

$$DL = 56.15$$

$$BEC = 10.81$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	366.69	0.0001	P	22.9
2	☐	1.000	0.937	5492.99	0.0010	P	6.2
3	☐	50.000	45.648	254301.88	0.0470	P	4.6
4	☐	125.000	118.112	653492.75	0.1214	P	1.0
5	☐	250.000	243.002	1281427.19	0.2497	P	6.4
6	☐	500.000	461.510	2711806.37	0.4743	A	3.8
7	☐	1000.000	1022.073	5558489.45	1.0502	A	3.1
8	☐			2222.49	0.0005	P	8.1

$$y = 0.0010 * x + 6.9962\text{E-}005$$

$$R = 0.9989$$

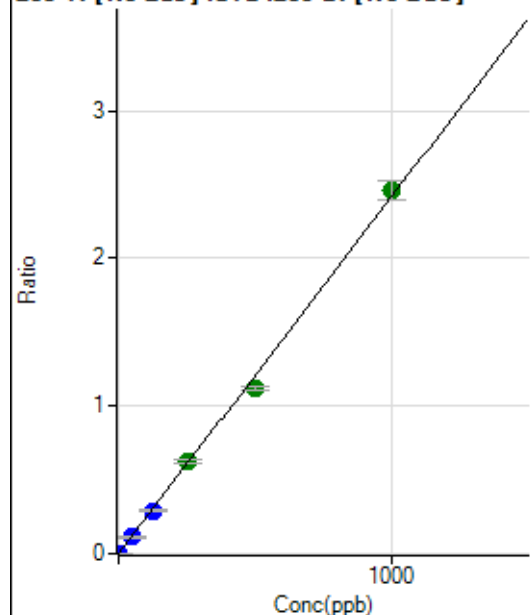
$$DL = 0.04671$$

$$BEC = 0.06809$$

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	838.94	0.0002	P	12.6
2	☐	1.000	0.961	13221.03	0.0025	P	2.9
3	☐	50.000	46.495	609132.01	0.1126	P	6.4
4	☐	125.000	120.415	1567453.62	0.2913	P	2.0
5	☐	250.000	259.098	3216025.42	0.6266	A	5.3
6	☐	500.000	463.733	6412540.55	1.1213	A	2.8
7	☐	1000.000	1016.608	13004161.32	2.4580	A	5.2
8	☐			5609.81	0.0012	P	13.0

$$y = 0.0024 * x + 1.6072E-004$$

$$R = 0.9990$$

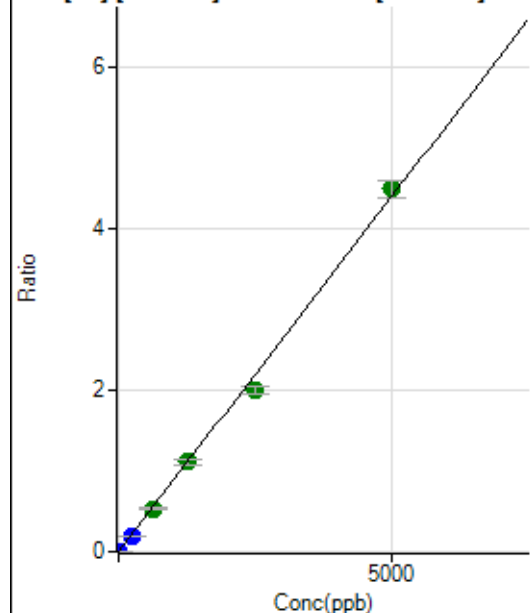
$$DL = 0.02505$$

$$BEC = 0.06647$$

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	681.51	0.0001	P	0.6
2	☐	1.000	0.884	4830.62	0.0009	P	5.8
3	☐	250.000	224.543	1070305.00	0.1977	P	4.9
4	☐	625.000	608.619	2882899.02	0.5357	A	1.3
5	☐	1250.000	1265.736	5715967.08	1.1139	A	6.0
6	☐	2500.000	2276.542	11456700.37	2.0034	A	3.8
7	☐	5000.000	5111.116	23794819.75	4.4976	A	5.1
8	☐			5597.91	0.0012	P	19.1

$$y = 8.7994E-004 * x + 1.3065E-004$$

$$R = 0.9986$$

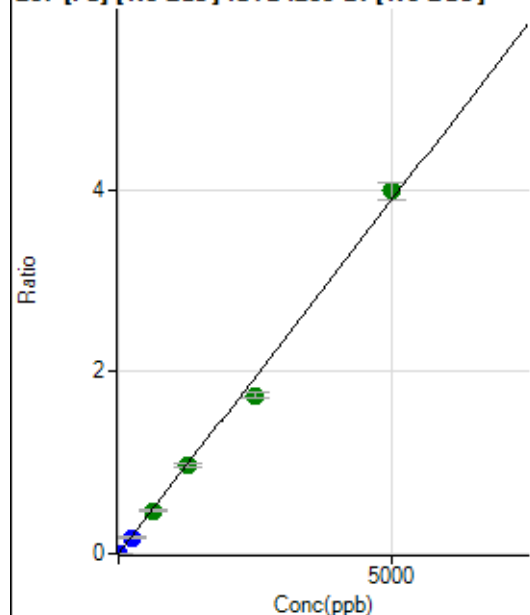
$$DL = 0.00289$$

$$BEC = 0.1485$$

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	531.50	0.0001	P	3.0
2	☐	1.000	0.895	4237.81	0.0008	P	2.9
3	☐	250.000	227.585	956280.32	0.1767	P	6.3
4	☐	625.000	608.651	2542371.15	0.4724	A	1.6
5	☐	1250.000	1249.880	4980454.68	0.9700	A	4.8
6	☐	2500.000	2240.277	9941103.93	1.7386	A	3.8
7	☐	5000.000	5133.056	21077711.58	3.9835	A	4.6
8	☐			4843.73	0.0010	P	21.3

$$y = 7.7603\text{E-}004 * x + 1.0196\text{E-}004$$

$$R = 0.9981$$

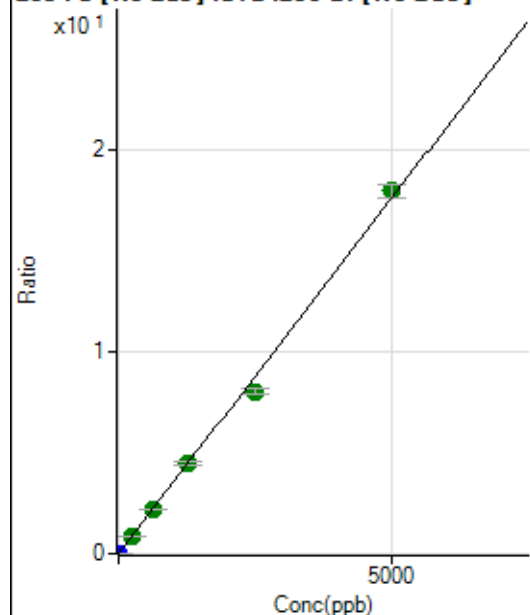
$$DL = 0.0117$$

$$BEC = 0.1314$$

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	2520.52	0.0005	P	2.6
2	☐	1.000	0.893	19298.60	0.0036	P	2.7
3	☐	250.000	240.677	4587239.20	0.8476	A	5.8
4	☐	625.000	615.835	11667551.79	2.1681	A	2.0
5	☐	1250.000	1263.673	22837773.08	4.4483	A	4.6
6	☐	2500.000	2284.284	45978056.70	8.0406	A	3.4
7	☐	5000.000	5106.052	95114076.89	17.9725	A	3.5
8	☐			22144.94	0.0046	P	19.1

$$y = 0.0035 * x + 4.8298\text{E-}004$$

$$R = 0.9987$$

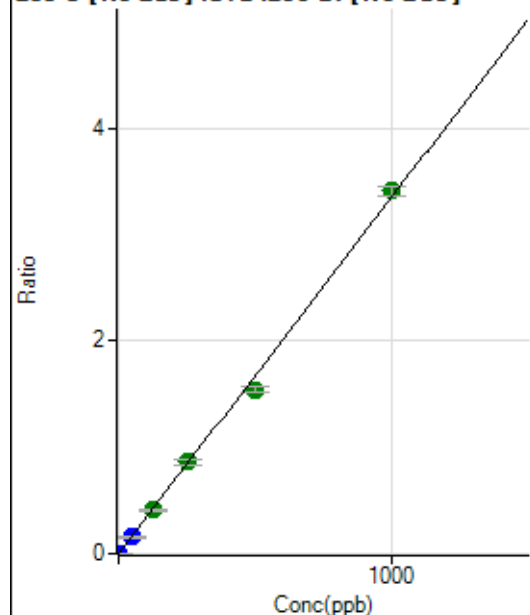
$$DL = 0.01073$$

$$BEC = 0.1372$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.00	0.0000	P	90.4
2	☐	1.000	0.912	16285.93	0.0031	P	0.4
3	☐	50.000	46.479	842853.30	0.1557	P	5.7
4	☐	125.000	121.489	2190597.49	0.4071	A	1.7
5	☐	250.000	257.068	4420221.76	0.8613	A	5.7
6	☐	500.000	460.860	8830410.18	1.5441	A	2.7
7	☐	1000.000	1018.418	18061600.92	3.4123	A	2.7
8	☐			2005.96	0.0004	P	45.6

$$y = 0.0034 * x + 4.8400E-006$$

$$R = 0.9989$$

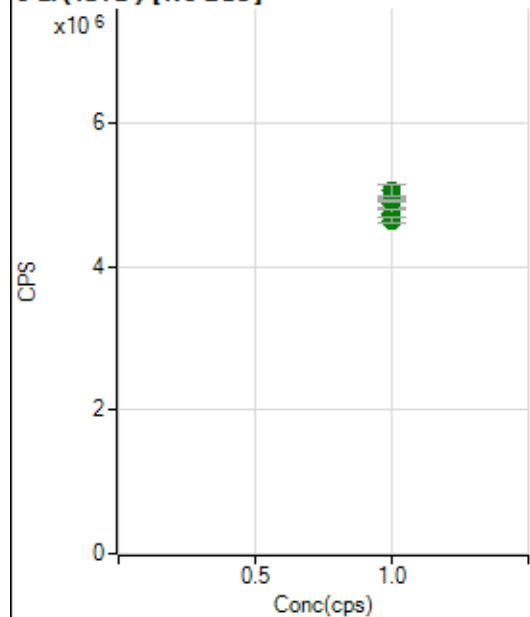
$$DL = 0.003916$$

$$BEC = 0.001445$$

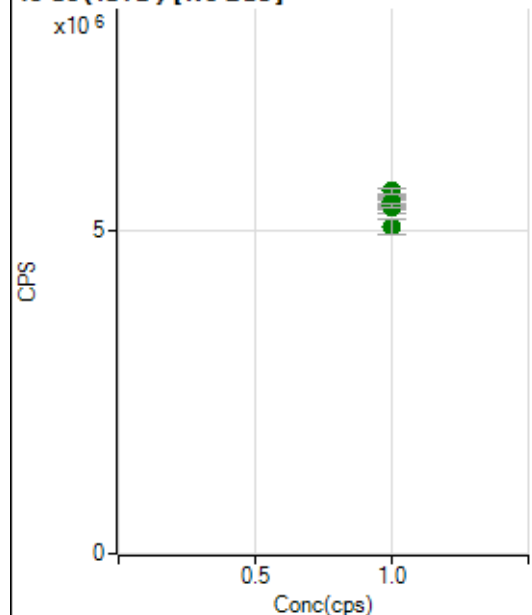
Weight: <None>

Min Conc: 0

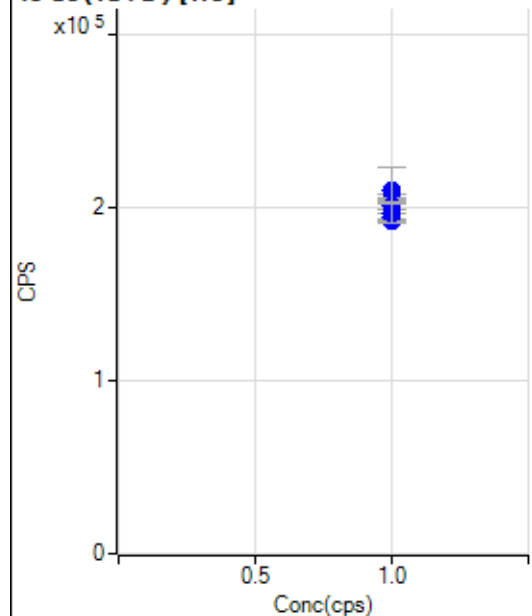
6 Li (ISTD) [No Gas]



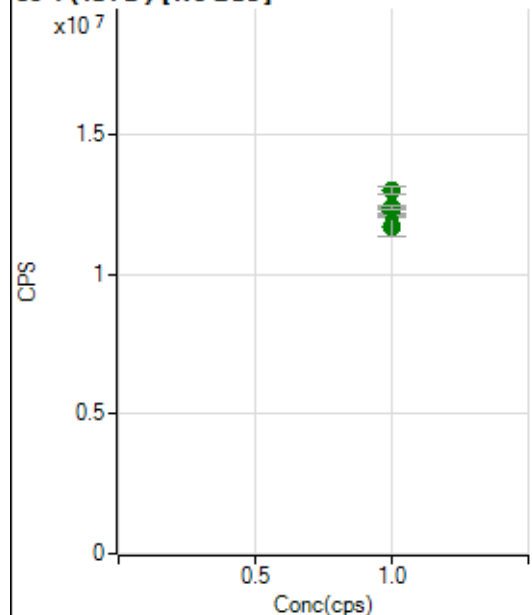
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4868389.06		A	2.9
2	☐	1.000		4882342.11		A	2.7
3	☐	1.000		4938414.89		A	1.6
4	☐	1.000		4916842.07		A	0.8
5	☐	1.000		4716029.36		A	4.9
6	☐	1.000		5056591.32		A	3.2
7	☐	1.000		4731999.50		A	2.3
8	☐	1.000		4642449.18		A	1.8

45 Sc (ISTD) [No Gas]

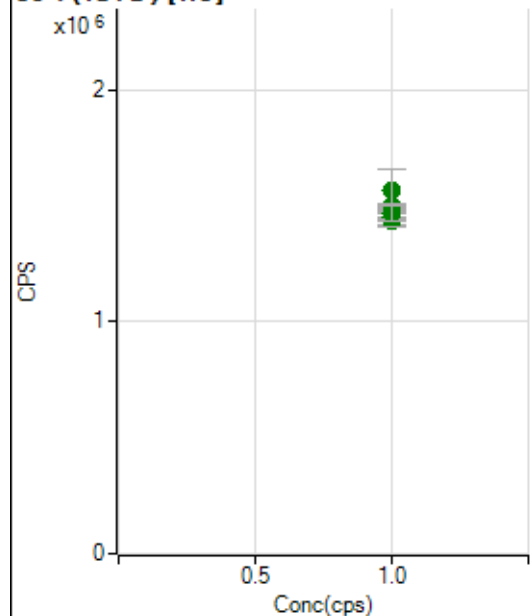
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5431648.25		A	3.4
2	☐	1.000		5375476.69		A	4.1
3	☐	1.000		5470271.76		A	3.6
4	☐	1.000		5471361.86		A	2.8
5	☐	1.000		5070151.55		A	4.9
6	☐	1.000		5627423.11		A	1.2
7	☐	1.000		5356548.60		A	1.1
8	☐	1.000		5399574.36		A	0.6

45 Sc (ISTD) [He]

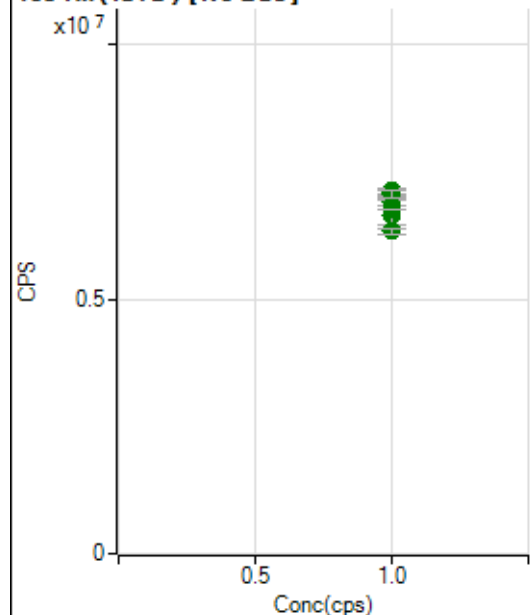
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		205324.70		P	2.3
2	☐	1.000		205429.77		P	0.5
3	☐	1.000		201106.29		P	2.0
4	☐	1.000		194771.09		P	2.3
5	☐	1.000		191839.39		P	1.2
6	☐	1.000		194578.58		P	2.5
7	☐	1.000		209671.47		P	12.8
8	☐	1.000		196854.46		P	5.6

89 Y (ISTD) [No Gas]

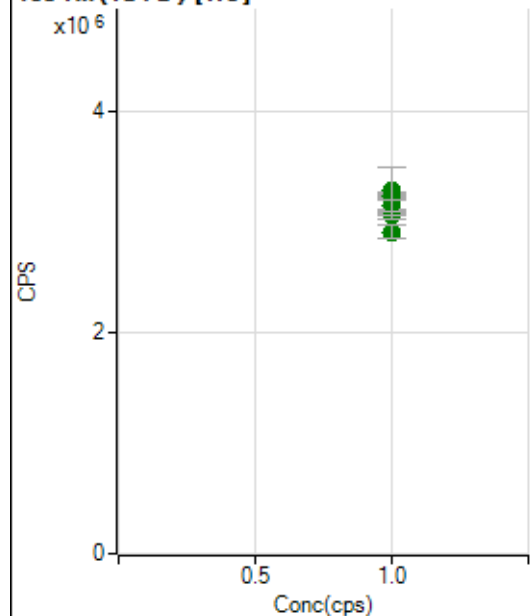
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12191504.12		A	2.2
2	☐	1.000		12400589.68		A	1.5
3	☐	1.000		12353534.68		A	2.3
4	☐	1.000		12409416.48		A	0.7
5	☐	1.000		11728383.71		A	5.8
6	☐	1.000		12993225.08		A	2.3
7	☐	1.000		12277385.24		A	2.8
8	☐	1.000		12420983.98		A	1.1

89 Y (ISTD) [He]

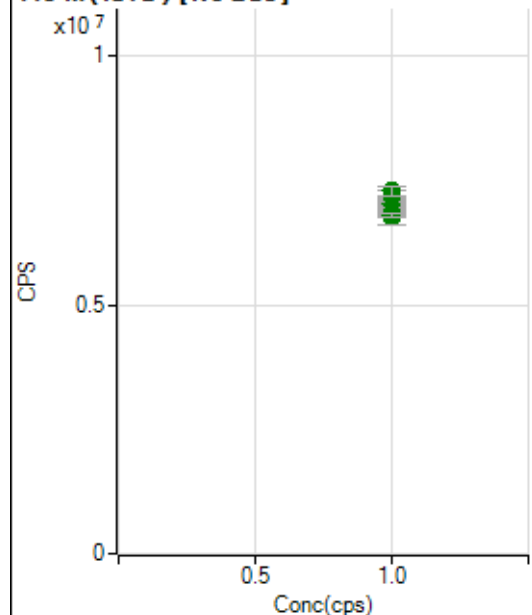
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1496407.57		A	1.8
2	☐	1.000		1485905.72		A	1.4
3	☐	1.000		1497860.19		A	1.6
4	☐	1.000		1444610.50		A	3.3
5	☐	1.000		1430547.81		A	3.4
6	☐	1.000		1454124.46		A	1.6
7	☐	1.000		1564541.47		A	12.5
8	☐	1.000		1465352.84		A	4.6

103 Rh (ISTD) [No Gas]

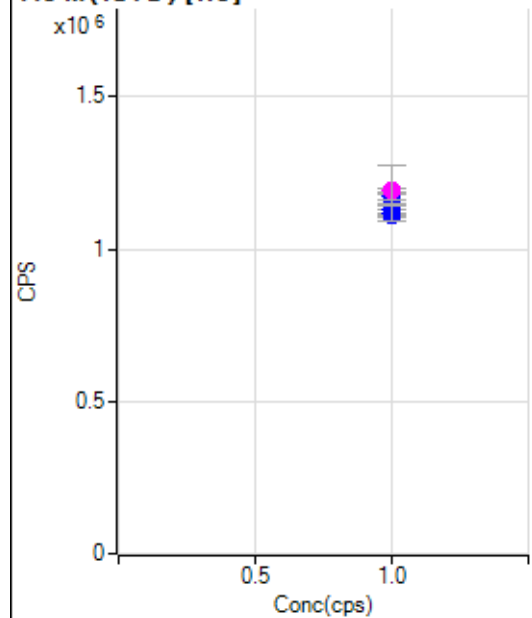
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6924896.86		A	2.1
2	☐	1.000		7107550.42		A	1.4
3	☐	1.000		7126617.35		A	1.4
4	☐	1.000		6990284.79		A	0.8
5	☐	1.000		6630968.29		A	5.7
6	☐	1.000		7065166.13		A	2.6
7	☐	1.000		6768807.05		A	0.3
8	☐	1.000		6340913.51		A	1.8

103 Rh (ISTD) [He]

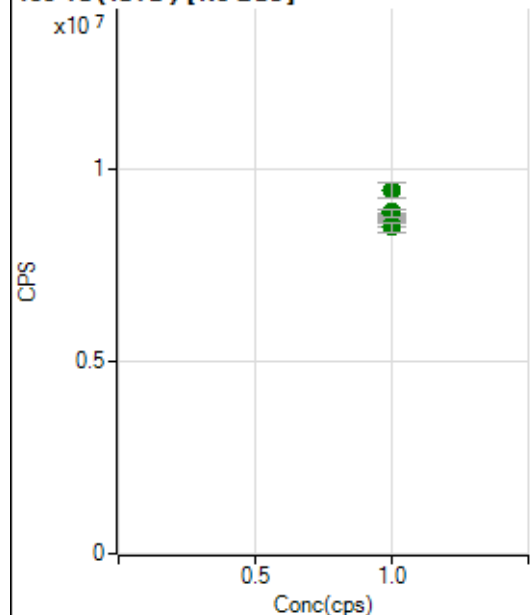
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3245381.76		A	0.9
2	☐	1.000		3249174.05		A	1.4
3	☐	1.000		3230941.97		A	1.1
4	☐	1.000		3158130.30		A	2.6
5	☐	1.000		3098492.38		A	1.4
6	☐	1.000		3066415.61		A	2.5
7	☐	1.000		3286046.59		A	13.1
8	☐	1.000		2916947.49		A	4.5

115 In (ISTD) [No Gas]

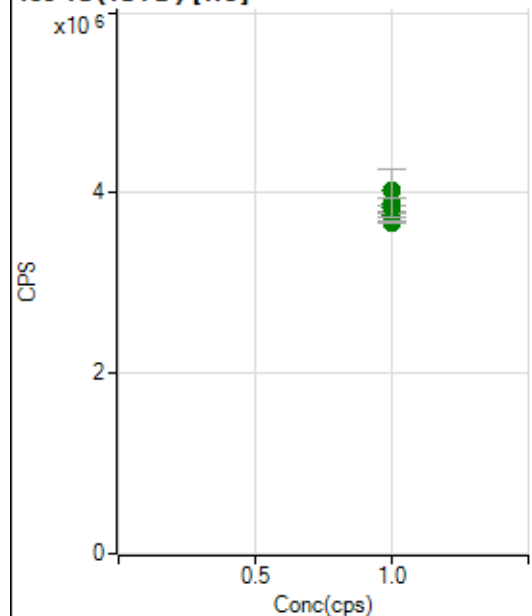
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7085621.78		A	1.9
2	☐	1.000		7045154.70		A	2.0
3	☐	1.000		7193568.41		A	3.4
4	☐	1.000		6949447.31		A	0.6
5	☐	1.000		6754328.25		A	4.7
6	☐	1.000		7289810.28		A	2.8
7	☐	1.000		6835244.35		A	1.1
8	☐	1.000		6803801.04		A	1.2

115 In (ISTD) [He]

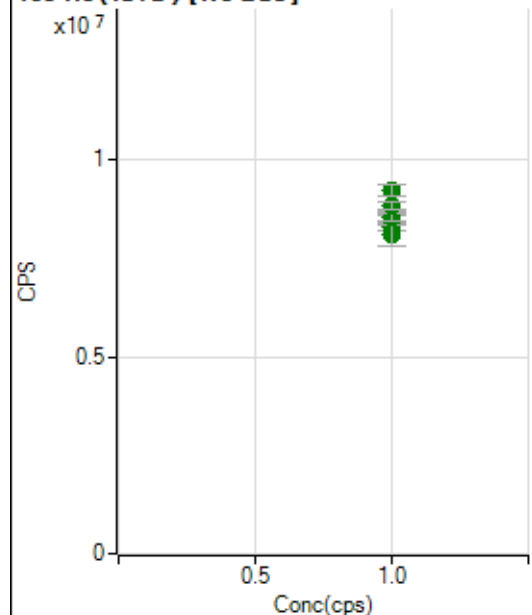
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1190824.37		P	1.8
2	☐	1.000		1181734.93		P	0.6
3	☐	1.000		1173829.80		P	2.2
4	☐	1.000		1147457.89		P	2.7
5	☐	1.000		1112129.55		P	0.6
6	☐	1.000		1127356.04		P	4.0
7	☐	1.000		1189845.92		M	14.3
8	☐	1.000		1116469.80		P	4.5

159 Tb (ISTD) [No Gas]

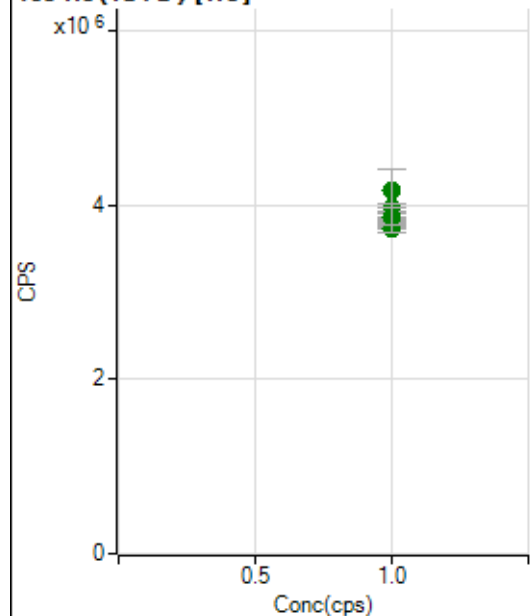
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8736603.20		A	2.5
2	☐	1.000		8596578.41		A	2.4
3	☐	1.000		8755358.41		A	2.0
4	☐	1.000		8723281.95		A	1.3
5	☐	1.000		8460433.62		A	2.6
6	☐	1.000		9415972.36		A	4.1
7	☐	1.000		8871956.12		A	1.7
8	☐	1.000		8816494.87		A	2.2

159 Tb (ISTD) [He]

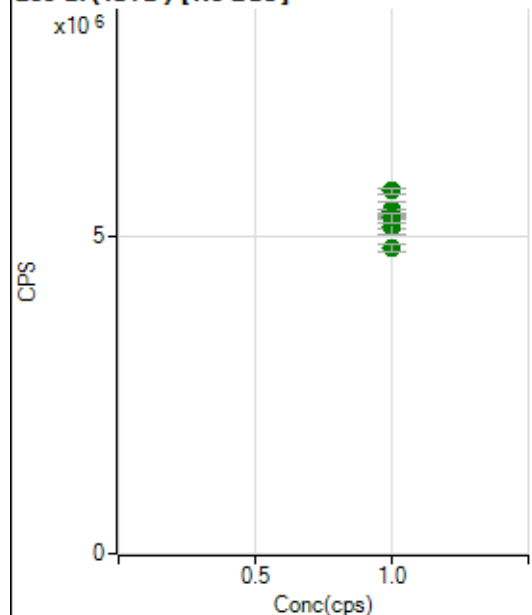
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3760700.36		A	1.9
2	☐	1.000		3733424.84		A	0.2
3	☐	1.000		3830099.63		A	1.5
4	☐	1.000		3736612.20		A	2.1
5	☐	1.000		3670905.29		A	0.5
6	☐	1.000		3871651.54		A	4.1
7	☐	1.000		4023497.92		A	12.0
8	☐	1.000		3847539.21		A	5.5

165 Ho (ISTD) [No Gas]

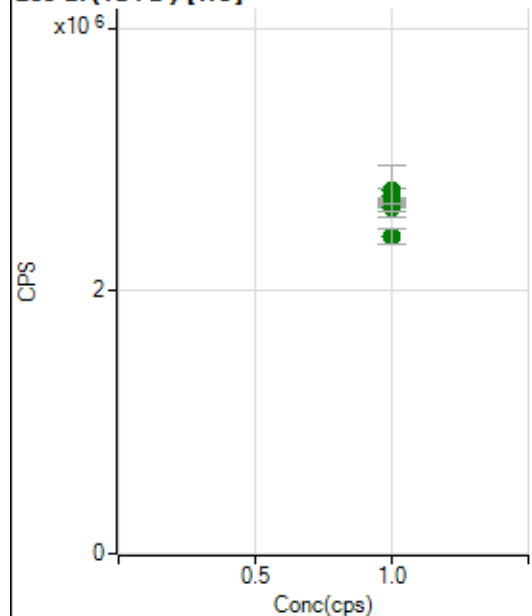
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8285272.93		A	1.7
2	☐	1.000		8404646.37		A	0.7
3	☐	1.000		8283807.91		A	2.1
4	☐	1.000		8639926.67		A	1.2
5	☐	1.000		8086686.90		A	6.5
6	☐	1.000		9211085.45		A	3.1
7	☐	1.000		8557850.19		A	2.2
8	☐	1.000		8838030.50		A	2.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3827852.96		A	4.5
2	☐	1.000		3859254.70		A	2.1
3	☐	1.000		3858140.26		A	0.7
4	☐	1.000		3762980.67		A	1.9
5	☐	1.000		3739540.19		A	2.8
6	☐	1.000		3970970.98		A	1.9
7	☐	1.000		4163592.89		A	11.8
8	☐	1.000		3869654.25		A	5.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5216248.01		A	3.1
2	☐	1.000		5322160.30		A	2.1
3	☐	1.000		5420854.09		A	4.2
4	☐	1.000		5382084.09		A	1.4
5	☐	1.000		5141040.44		A	4.7
6	☐	1.000		5720446.86		A	1.9
7	☐	1.000		5295898.95		A	3.0
8	☐	1.000		4816840.90		A	2.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2675229.75		A	2.0
2	☐	1.000		2694149.04		A	1.5
3	☐	1.000		2691971.04		A	0.6
4	☐	1.000		2662962.44		A	2.5
5	☐	1.000		2627941.70		A	2.2
6	☐	1.000		2723279.30		A	4.5
7	☐	1.000		2760552.15		A	14.0
8	☐	1.000		2414548.23		A	5.3

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8090922MS.b

Acq. Date-Time 2022-09-09 11:21:58

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		11198	111975.73			2.276	5.000
24		84763	847630.59			3.207	5.000
25		11427	114269.07			2.926	5.000
26		13076	130757.29			2.677	5.000
59		61941	619408.98			2.891	5.000
113		5661	56607.76			2.046	5.000
115		77842	778419.45			3.615	5.000
206		17434	174343.32			2.617	5.000
207		15701	157011.75			2.411	5.000
208		37393	373930.22			2.351	5.000
220		1	6.40			44.675	

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

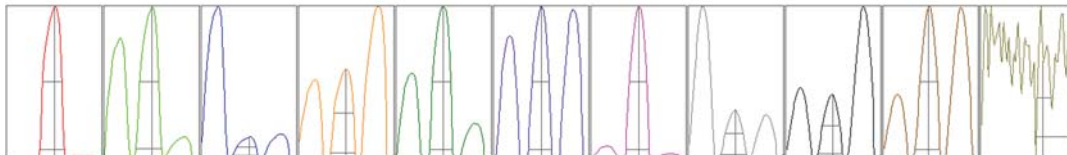
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	11348	11363	10918	11435	10923
24	86954	85642	82810	87331	81079
25	11772	11622	11144	11595	11002
26	13380	13313	12912	13235	12538
59	63605	63191	60389	62865	59654
113	5820	5651	5602	5717	5514
115	81682	77022	76088	79697	74720
206	18192	17271	17043	17501	17164
207	16209	15579	15581	15922	15215
208	38565	37609	37070	37568	36153

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	20175.34	9.05	8.90 - 9.10	
24	151312.74	24.05	23.90 - 24.10	
25	20027.21	25.05	24.90 - 25.10	
26	22590.78	26.00	25.90 - 26.10	
59	113951.32	59.00	58.90 - 59.10	
113	11173.82	113.05	112.90 - 113.10	
115	151000.50	115.05	114.90 - 115.10	
206	32866.53	206.00	205.90 - 206.10	
207	29570.79	207.00	206.90 - 207.10	
208	71560.14	207.95	207.90 - 208.10	
220	0.60	220.50	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.773	0.900	
24	0.59	0.816	0.900	
25	0.61	0.785	0.900	
26	0.62	0.781	0.900	
59	0.57	0.734	0.900	
113	0.52	0.731	0.900	
115	0.54	0.732	0.900	
206	0.56	0.816	0.900	
207	0.55	0.776	0.900	
208	0.54	0.785	0.900	
220	0.43	1.126		

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	10.9 V	Deflect	15.8 V
Extract 2	-210.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	124	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.02		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-1.0 mm

EM

Discriminator	4.5 mV	Analog HV	2299 V	Pulse HV	1624 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		13680	136801.94			1.166	
89		15392	153924.14			1.330	
205		26567	265667.20			1.043	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	13538	13762	13846	13772	13483
89	15408	15549	15409	15548	15048
205	26611	26841	26819	26316	26245

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	10.9 V	Deflect	4.0 V

US EPA Tune Check Report

Extract 2	-210.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-70 V		

Cell Parameters

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

QP Parameters

Mass Gain	124	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.02		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-1.0 mm

EM

Discriminator	4.5 mV	Analog HV	2299 V	Pulse HV	1624 V

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:28:58	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	-0.05	-0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	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	0.06	-0.03	-0.03	0.00	N/A	ppb
Boron	11-1	0.08	-0.02	-0.06	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.00	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.46	0.08	-0.54	0.00	N/A	ppb
Cadmium	108-1	0.02	0.02	-0.04	0.00	N/A	ppb
Calcium	43-1	1.17	-1.22	0.05	0.00	N/A	ppb
Calcium	44-1	1.38	-1.16	-0.22	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	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	117.20	-58.60	-58.60	0.00	N/A	ppb
Gold	197-2	-10.81	21.61	-10.81	0.00	N/A	ppb
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.17	-0.18	0.02	0.00	N/A	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:28:58	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	-0.68	0.42	0.26	0.00	N/A	ppb
Iron	54-2	-0.10	0.49	-0.40	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.35	0.28	0.07	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.03	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	-0.03	0.00	N/A	ppb
Phosphorus	31-2	6.46	-28.87	-22.81	-15.07		ppb
Potassium	39-2	-0.12	0.66	-0.53	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.52	-0.26	-0.26	0.00	N/A	ppb
Selenium	78-2	0.50	-0.52	0.02	0.00	N/A	ppb
Selenium	82-1	0.21	-0.12	-0.08	0.00	N/A	ppb
Silicon	28-1	1.02	-0.65	-0.37	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.28	0.41	-0.69	0.00	N/A	ppb
Strontium	86-1	0.00	-0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.01	-0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	244.96	-228.39	-179.58	-54.34		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.02	-0.01	-0.01	0.00	N/A	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:28:58	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.00	0.01	-0.01	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	0.04	-0.02	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	0.16	0.04	-0.20	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:32:08	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.49	20.99	21.74	21.07	2.99	ppb
Antimony	121-1	2.13	2.03	2.06	2.07	2.38	ppb
Arsenic	75-2	1.27	1.21	0.91	1.13	17.13	ppb
Barium	135-1	10.04	10.03	9.44	9.84	3.47	ppb
Barium	137-1	9.95	9.70	10.12	9.92	2.13	ppb
Beryllium	9-1	1.11	1.09	1.08	1.09	1.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	13.87	13.24	13.91	13.67	2.74	ppb
Boron	11-1	14.59	14.62	15.20	14.80	2.32	ppb
Bromine	81-1						cps
Cadmium	111-1	1.42	0.79	1.19	1.13	28.08	ppb
Cadmium	106-1	4.21	-2.27	1.47	1.14	286.49	ppb
Cadmium	108-1	1.42	1.07	0.93	1.14	21.87	ppb
Calcium	43-1	510.85	475.06	512.26	499.39	4.22	ppb
Calcium	44-1	523.41	497.61	525.79	515.60	3.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.00	1.93	2.07	2.00	3.61	ppb
Cobalt	59-2	1.01	1.01	1.04	1.02	1.86	ppb
Copper	63-2	2.04	2.01	1.99	2.01	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	301.48	-58.60	122.70	121.86	147.75	ppb
Gold	197-2	-10.81	-10.81	21.00	-0.20		ppb
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	50.98	49.14	51.64	50.59	2.56	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:32:08	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	50.17	50.36	52.48	51.00	2.51	ppb
Iron	54-2	49.69	53.98	48.57	50.75	5.63	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.83	0.95	0.88	6.78	ppb
Lead	207-1	0.88	0.88	0.93	0.89	3.33	ppb
Lead	208-1	0.88	0.87	0.92	0.89	3.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	546.89	518.86	539.68	535.14	2.72	ppb
Manganese	55-2	1.03	1.09	0.99	1.03	4.96	ppb
Molybdenum	94-1	5.80	5.92	5.72	5.82	1.74	ppb
Molybdenum	95-1	5.19	5.09	5.09	5.13	1.12	ppb
Molybdenum	96-1	5.28	5.43	5.19	5.30	2.31	ppb
Molybdenum	97-1	5.10	4.96	5.07	5.04	1.51	ppb
Molybdenum	98-1	4.95	4.95	4.90	4.93	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.16	1.09	1.12	3.53	ppb
Phosphorus	31-2	12.27	28.75	4.19	15.07	83.04	ppb
Potassium	39-2	492.11	489.19	483.48	488.26	0.90	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	7.64	10.55	3.59	7.26	48.11	ppb
Selenium	78-2	4.66	4.49	4.26	4.47	4.44	ppb
Selenium	82-1	5.36	5.75	5.18	5.43	5.33	ppb
Silicon	28-1	2.20	0.95	1.59	1.58	39.45	ppb
Silver	107-1	1.12	1.03	1.04	1.06	4.69	ppb
Silver	109-1	1.19	1.15	1.17	1.17	1.67	ppb
Sodium	23-2	505.21	500.13	493.06	499.47	1.22	ppb
Strontium	86-1	0.97	0.97	0.95	0.96	1.08	ppb
Strontium	88-1	0.99	0.96	0.94	0.96	2.73	ppb
Sulfur	34-1	183.50	-377.94	357.46	54.34	707.31	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.97	0.87	0.98	0.94	6.67	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:32:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.93	0.99	0.96	0.96	3.11	ppb
Tin	118-1	5.22	5.19	5.06	5.16	1.62	ppb
Titanium	47-1	5.15	5.14	5.00	5.09	1.64	ppb
Uranium	238-1	0.91	0.91	0.92	0.91	0.41	ppb
Vanadium	51-2	4.83	4.82	4.74	4.80	1.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	2.88	3.09	2.79	2.92	5.34	ppb
Zirconium	90-1	0.95	0.95	0.93	0.94	1.26	ppb
Zirconium	91-1	0.86	0.91	0.89	0.89	3.21	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:35:19	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1088.72	1051.86	1066.37	1068.98	1.74	ppb
Antimony	121-1	52.07	48.53	50.88	50.50	3.57	ppb
Arsenic	75-2	53.55	51.69	53.14	52.79	1.85	ppb
Barium	135-1	251.35	236.99	250.85	246.40	3.31	ppb
Barium	137-1	253.50	241.85	245.33	246.89	2.42	ppb
Beryllium	9-1	52.78	51.17	50.96	51.64	1.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	46.55	48.28	47.84	47.56	1.88	ppb
Boron	11-1	51.94	52.17	52.34	52.15	0.38	ppb
Bromine	81-1						cps
Cadmium	111-1	55.15	50.26	53.07	52.83	4.64	ppb
Cadmium	106-1	54.50	48.54	52.29	51.77	5.82	ppb
Cadmium	108-1	57.32	53.53	54.20	55.02	3.68	ppb
Calcium	43-1	5932.19	5593.98	5551.95	5692.71	3.66	ppb
Calcium	44-1	5783.43	5411.86	5547.77	5581.02	3.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.73	49.14	49.29	49.72	1.77	ppb
Cobalt	59-2	51.16	49.10	50.62	50.29	2.13	ppb
Copper	63-2	518.34	527.47	528.12	524.64	1.04	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
Gold	197-1	-58.60	282.59	112.97	112.32	151.88	ppb
Gold	197-2	118.94	118.08	53.23	96.75	38.96	ppb
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	2740.12	2709.80	2753.99	2734.64	0.83	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:35:19	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	2647.11	2608.63	2620.74	2625.49	0.75	ppb
Iron	54-2	2715.65	2631.09	2633.93	2660.22	1.81	ppb
Krypton	83-1						cps
Lead	206-1	237.24	217.54	218.86	224.54	4.90	ppb
Lead	207-1	244.06	221.17	217.53	227.59	6.32	ppb
Lead	208-1	256.84	232.49	232.70	240.68	5.82	ppb
Lithium	6-1				101		%
Magnesium	24-2	5431.77	5306.44	5412.22	5383.48	1.25	ppb
Manganese	55-2	510.56	494.43	510.38	505.12	1.83	ppb
Molybdenum	94-1	513.17	484.23	502.74	500.05	2.93	ppb
Molybdenum	95-1	529.93	496.52	496.78	507.74	3.78	ppb
Molybdenum	96-1	529.14	514.70	501.36	515.07	2.70	ppb
Molybdenum	97-1	523.90	487.54	500.55	504.00	3.66	ppb
Molybdenum	98-1	510.64	490.79	503.27	501.57	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.74	52.62	54.46	53.61	1.73	ppb
Phosphorus	31-2	1109.96	1057.93	1013.95	1060.61	4.53	ppb
Potassium	39-2	2598.44	2521.10	2564.22	2561.25	1.51	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	53.41	60.68	64.12	59.40	9.21	ppb
Selenium	78-2	50.91	54.90	54.77	53.52	4.24	ppb
Selenium	82-1	54.69	50.96	52.74	52.80	3.54	ppb
Silicon	28-1	57.09	50.92	50.63	52.88	6.91	ppb
Silver	107-1	55.31	52.46	53.15	53.64	2.77	ppb
Silver	109-1	56.64	52.21	53.62	54.16	4.18	ppb
Sodium	23-2	5572.29	5122.32	5327.62	5340.74	4.22	ppb
Strontium	86-1	1305.58	1207.61	1254.54	1255.91	3.90	ppb
Strontium	88-1	1288.44	1205.35	1209.33	1234.37	3.80	ppb
Sulfur	34-1	1674.40	885.63	816.08	1125.37	42.36	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	48.07	44.47	44.40	45.65	4.59	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:35:19	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	49.90	44.32	45.27	46.49	6.43	ppb
Tin	118-1	54.38	51.00	52.17	52.52	3.27	ppb
Titanium	47-1	523.63	498.57	501.27	507.82	2.71	ppb
Uranium	238-1	49.51	44.48	45.45	46.48	5.73	ppb
Vanadium	51-2	49.26	49.62	50.24	49.70	1.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	547.92	550.85	542.32	547.03	0.79	ppb
Zirconium	90-1	51.73	48.89	49.33	49.98	3.05	ppb
Zirconium	91-1	50.82	47.22	48.40	48.81	3.76	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:38:25	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2749.50	2591.79	2722.74	2688.01	3.14	ppb
Antimony	121-1	126.91	129.11	124.20	126.74	1.94	ppb
Arsenic	75-2	135.07	129.26	137.77	134.03	3.24	ppb
Barium	135-1	622.08	626.00	612.28	620.12	1.14	ppb
Barium	137-1	621.03	633.90	605.89	620.27	2.26	ppb
Beryllium	9-1	131.22	129.37	131.34	130.64	0.84	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	117.42	122.08	127.35	122.28	4.06	ppb
Boron	11-1	127.09	133.63	136.97	132.57	3.79	ppb
Bromine	81-1						cps
Cadmium	111-1	131.79	133.66	129.48	131.64	1.59	ppb
Cadmium	106-1	129.99	135.48	124.72	130.06	4.14	ppb
Cadmium	108-1	138.20	138.92	128.56	135.23	4.28	ppb
Calcium	43-1	14463.84	13707.56	14018.15	14063.19	2.70	ppb
Calcium	44-1	14028.12	13351.47	13765.93	13715.17	2.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.11	121.53	126.51	125.38	2.74	ppb
Cobalt	59-2	131.91	123.36	129.24	128.17	3.41	ppb
Copper	63-2	1369.90	1296.94	1378.63	1348.49	3.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	289.09	118.92	119.57	175.86	55.76	ppb
Gold	197-2	84.75	184.00	56.11	108.28	61.98	ppb
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	7191.97	6754.12	7006.49	6984.20	3.15	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:38:25	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	6820.03	6512.95	6726.34	6686.44	2.35	ppb
Iron	54-2	6834.14	6553.62	6946.42	6778.06	2.98	ppb
Krypton	83-1						cps
Lead	206-1	603.11	617.31	605.43	608.62	1.25	ppb
Lead	207-1	598.32	618.05	609.58	608.65	1.63	ppb
Lead	208-1	606.39	629.80	611.32	615.84	2.00	ppb
Lithium	6-1				101		%
Magnesium	24-2	13970.68	13421.38	13580.52	13657.53	2.07	ppb
Manganese	55-2	1307.87	1261.80	1306.70	1292.12	2.03	ppb
Molybdenum	94-1	1208.15	1273.85	1201.36	1227.79	3.26	ppb
Molybdenum	95-1	1210.71	1248.37	1228.05	1229.04	1.53	ppb
Molybdenum	96-1	1235.00	1291.64	1243.31	1256.65	2.43	ppb
Molybdenum	97-1	1270.11	1296.44	1211.20	1259.25	3.47	ppb
Molybdenum	98-1	1213.25	1226.03	1195.46	1211.58	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.34	130.03	137.59	135.65	3.65	ppb
Phosphorus	31-2	2631.62	2553.68	2596.59	2593.96	1.51	ppb
Potassium	39-2	6585.57	6232.22	6563.31	6460.37	3.06	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	136.91	130.72	150.36	139.33	7.20	ppb
Selenium	78-2	140.88	128.69	145.90	138.49	6.39	ppb
Selenium	82-1	133.01	132.05	128.97	131.34	1.61	ppb
Silicon	28-1	136.33	129.96	127.37	131.22	3.51	ppb
Silver	107-1	133.09	133.14	130.86	132.36	0.98	ppb
Silver	109-1	134.46	137.97	130.60	134.34	2.75	ppb
Sodium	23-2	13908.24	12873.58	13422.76	13401.53	3.86	ppb
Strontium	86-1	3116.99	3149.12	3094.36	3120.16	0.88	ppb
Strontium	88-1	3103.55	3134.70	3148.39	3128.88	0.73	ppb
Sulfur	34-1	3251.98	2667.83	2726.10	2881.97	11.16	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	117.11	119.40	117.82	118.11	0.99	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:38:25	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	117.64	121.76	121.84	120.41	2.00	ppb
Tin	118-1	130.48	132.07	128.22	130.26	1.49	ppb
Titanium	47-1	1268.45	1233.84	1258.45	1253.58	1.42	ppb
Uranium	238-1	119.70	123.77	120.99	121.49	1.71	ppb
Vanadium	51-2	128.46	121.04	126.24	125.25	3.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	1396.66	1311.82	1384.66	1364.38	3.36	ppb
Zirconium	90-1	122.81	124.29	123.98	123.69	0.63	ppb
Zirconium	91-1	123.24	124.71	120.42	122.79	1.78	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:41:33	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5329.52	5238.69	5101.44	5223.22	2.20	ppb
Antimony	121-1	254.48	255.62	270.07	260.06	3.34	ppb
Arsenic	75-2	273.44	249.77	255.03	259.41	4.79	ppb
Barium	135-1	1307.13	1282.66	1365.25	1318.35	3.22	ppb
Barium	137-1	1268.97	1272.14	1308.69	1283.27	1.72	ppb
Beryllium	9-1	248.34	261.20	276.45	262.00	5.37	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	226.07	249.14	268.01	247.74	8.48	ppb
Boron	11-1	248.92	268.59	291.36	269.62	7.88	ppb
Bromine	81-1						cps
Cadmium	111-1	259.67	264.53	272.03	265.41	2.35	ppb
Cadmium	106-1	255.38	260.03	264.10	259.84	1.68	ppb
Cadmium	108-1	261.40	261.73	272.81	265.31	2.45	ppb
Calcium	43-1	28089.70	29073.10	31014.14	29392.31	5.06	ppb
Calcium	44-1	27647.97	27148.91	30668.70	28488.52	6.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	250.66	240.57	238.02	243.08	2.75	ppb
Cobalt	59-2	254.84	247.76	242.22	248.27	2.55	ppb
Copper	63-2	2578.58	2602.73	2579.00	2586.77	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-58.60	-58.60	522.68	135.16	248.30	ppb
Gold	197-2	225.04	53.68	386.85	221.85	75.10	ppb
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	13688.61	13245.47	13042.55	13325.54	2.48	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:41:33	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	13274.56	12912.76	12634.88	12940.74	2.48	ppb
Iron	54-2	13731.22	13041.08	12905.26	13225.85	3.35	ppb
Krypton	83-1						cps
Lead	206-1	1195.47	1255.49	1346.26	1265.74	6.00	ppb
Lead	207-1	1211.24	1219.93	1318.46	1249.88	4.76	ppb
Lead	208-1	1218.49	1243.24	1329.28	1263.67	4.60	ppb
Lithium	6-1				97		%
Magnesium	24-2	27912.58	27195.85	25731.63	26946.69	4.13	ppb
Manganese	55-2	2625.49	2563.93	2496.87	2562.10	2.51	ppb
Molybdenum	94-1	2423.21	2566.23	2734.77	2574.74	6.06	ppb
Molybdenum	95-1	2421.44	2572.73	2731.15	2575.11	6.01	ppb
Molybdenum	96-1	2379.81	2587.77	2736.87	2568.15	6.98	ppb
Molybdenum	97-1	2482.88	2536.50	2660.89	2560.09	3.57	ppb
Molybdenum	98-1	2440.76	2535.78	2651.23	2542.59	4.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	269.21	258.51	254.57	260.77	2.90	ppb
Phosphorus	31-2	5342.98	5389.26	5092.73	5274.99	3.02	ppb
Potassium	39-2	13105.29	12699.89	12491.39	12765.52	2.45	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	302.05	250.15	267.42	273.20	9.67	ppb
Selenium	78-2	274.17	256.53	262.46	264.38	3.39	ppb
Selenium	82-1	258.39	265.45	283.73	269.19	4.86	ppb
Silicon	28-1	266.49	274.17	299.42	280.03	6.15	ppb
Silver	107-1	274.50	273.58	273.58	273.89	0.19	ppb
Silver	109-1	267.91	273.02	285.76	275.56	3.34	ppb
Sodium	23-2	27217.40	26089.89	25328.97	26212.08	3.62	ppb
Strontium	86-1	6081.97	6196.91	6636.24	6305.04	4.64	ppb
Strontium	88-1	5969.19	6264.11	6976.55	6403.28	8.09	ppb
Sulfur	34-1	6186.50	6433.88	7647.25	6755.88	11.57	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	226.32	245.80	256.89	243.00	6.37	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:41:33	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	243.74	263.01	270.55	259.10	5.34	ppb
Tin	118-1	261.84	260.14	274.28	265.42	2.91	ppb
Titanium	47-1	2512.11	2478.84	2747.72	2579.56	5.68	ppb
Uranium	238-1	242.53	256.94	271.73	257.07	5.68	ppb
Vanadium	51-2	253.22	246.19	241.78	247.06	2.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	2704.17	2647.74	2560.11	2637.34	2.75	ppb
Zirconium	90-1	246.28	259.25	274.51	260.01	5.43	ppb
Zirconium	91-1	238.17	255.52	264.03	252.58	5.22	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:44:40	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10189.95	10179.75	10447.94	10272.55	1.48	ppb
Antimony	121-1	490.74	478.70	451.96	473.80	4.19	ppb
Arsenic	75-2	512.58	494.96	510.13	505.89	1.89	ppb
Barium	135-1	2413.01	2337.32	2220.71	2323.68	4.17	ppb
Barium	137-1	2430.17	2300.08	2179.40	2303.21	5.45	ppb
Beryllium	9-1	480.32	496.52	462.11	479.65	3.59	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	459.36	471.71	453.68	461.58	2.00	ppb
Boron	11-1	453.60	472.08	460.99	462.22	2.01	ppb
Bromine	81-1						cps
Cadmium	111-1	482.99	471.01	456.81	470.27	2.79	ppb
Cadmium	106-1	474.50	472.47	450.05	465.67	2.91	ppb
Cadmium	108-1	479.41	474.65	436.81	463.62	5.04	ppb
Calcium	43-1	54890.33	53988.80	53643.82	54174.32	1.19	ppb
Calcium	44-1	51825.75	53098.72	50622.42	51848.97	2.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.80	473.89	484.92	477.87	1.28	ppb
Cobalt	59-2	496.34	500.52	523.37	506.74	2.87	ppb
Copper	63-2	5054.47	4976.33	5191.90	5074.23	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	275.00	616.57	592.50	494.69	38.54	ppb
Gold	197-2	271.38	235.51	492.69	333.19	41.80	ppb
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	26219.87	25452.95	26936.64	26203.16	2.83	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:44:40	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	25138.38	24924.18	26278.56	25447.04	2.86	ppb
Iron	54-2	26761.49	26511.71	27859.94	27044.38	2.65	ppb
Krypton	83-1						cps
Lead	206-1	2364.14	2273.18	2192.31	2276.54	3.78	ppb
Lead	207-1	2259.52	2313.62	2147.70	2240.28	3.78	ppb
Lead	208-1	2332.88	2324.58	2195.39	2284.28	3.38	ppb
Lithium	6-1				104		%
Magnesium	24-2	53137.92	50985.29	52725.85	52283.02	2.19	ppb
Manganese	55-2	5005.19	4901.08	5189.80	5032.02	2.91	ppb
Molybdenum	94-1	4652.34	4604.88	4534.79	4597.33	1.29	ppb
Molybdenum	95-1	4679.83	4649.88	4530.54	4620.08	1.71	ppb
Molybdenum	96-1	4715.44	4673.12	4452.20	4613.59	3.06	ppb
Molybdenum	97-1	4638.78	4606.11	4392.12	4545.67	2.95	ppb
Molybdenum	98-1	4633.78	4571.66	4407.01	4537.48	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.13	501.75	517.36	509.41	1.53	ppb
Phosphorus	31-2	10149.90	9796.91	10475.80	10140.87	3.35	ppb
Potassium	39-2	24977.79	24274.00	25540.22	24930.67	2.54	ppb
Rhodium	103-1				102		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	77-2	528.84	477.37	520.38	508.86	5.42	ppb
Selenium	78-2	510.30	488.68	514.00	504.33	2.71	ppb
Selenium	82-1	484.73	473.35	461.02	473.03	2.51	ppb
Silicon	28-1	482.75	490.67	473.17	482.20	1.82	ppb
Silver	107-1	499.11	475.16	448.33	474.20	5.36	ppb
Silver	109-1	483.00	476.25	452.65	470.64	3.39	ppb
Sodium	23-2	50824.44	50277.10	51215.21	50772.25	0.93	ppb
Strontium	86-1	11667.43	11445.88	11173.21	11428.84	2.17	ppb
Strontium	88-1	11925.15	11345.31	11283.04	11517.83	3.07	ppb
Sulfur	34-1	10900.20	10751.70	10162.13	10604.68	3.68	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	472.09	470.93	441.50	461.51	3.76	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:44:40	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	473.32	469.00	448.88	463.73	2.81	ppb
Tin	118-1	481.20	472.58	462.58	472.12	1.97	ppb
Titanium	47-1	4784.60	4762.31	4543.17	4696.69	2.84	ppb
Uranium	238-1	468.76	467.38	446.44	460.86	2.71	ppb
Vanadium	51-2	481.03	483.02	487.50	483.85	0.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				97		%
Zinc	66-2	5070.69	4999.91	5181.48	5084.03	1.80	ppb
Zirconium	90-1	478.17	464.69	449.75	464.20	3.06	ppb
Zirconium	91-1	459.39	466.87	444.19	456.82	2.53	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:47:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18280.70	20430.11	23827.68	20846.16	13.42	ppb
Antimony	121-1	994.73	1000.93	1035.36	1010.34	2.17	ppb
Arsenic	75-2	875.93	1006.70	1097.67	993.43	11.22	ppb
Barium	135-1	4984.66	5090.83	5140.10	5071.86	1.57	ppb
Barium	137-1	5025.95	4990.44	5256.08	5090.82	2.83	ppb
Beryllium	9-1	983.12	1021.08	1014.96	1006.39	2.02	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	968.79	1040.95	1051.82	1020.52	4.42	ppb
Boron	11-1	974.65	1030.30	1034.60	1013.18	3.30	ppb
Bromine	81-1						cps
Cadmium	111-1	985.58	990.82	1053.71	1010.04	3.75	ppb
Cadmium	106-1	1004.29	1000.27	1037.39	1013.98	2.01	ppb
Cadmium	108-1	1000.32	990.73	1047.44	1012.83	3.00	ppb
Calcium	43-1	115292.79	117278.13	117505.02	116691.98	1.04	ppb
Calcium	44-1	112432.80	111547.42	114369.57	112783.26	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	872.85	1037.38	1128.05	1012.76	12.77	ppb
Cobalt	59-2	880.22	997.72	1112.00	996.65	11.63	ppb
Copper	63-2	8736.02	9631.21	11415.72	9927.65	13.74	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
Gold	197-1	1001.30	821.37	1242.65	1021.77	20.69	ppb
Gold	197-2	807.31	1218.84	1244.43	1090.19	22.50	ppb
Holmium	165-1				103		%
Holmium	165-2				109		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	56-2	45875.91	51875.76	56753.89	51501.85	10.58	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:47:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	47288.76	53650.99	59068.63	53336.13	11.05	ppb
Iron	54-2	47306.07	54304.03	60152.65	53920.92	11.93	ppb
Krypton	83-1						cps
Lead	206-1	4931.82	4993.04	5408.49	5111.12	5.07	ppb
Lead	207-1	4946.31	5056.79	5396.07	5133.06	4.57	ppb
Lead	208-1	4981.39	5024.81	5311.95	5106.05	3.52	ppb
Lithium	6-1				97		%
Magnesium	24-2	90228.14	101307.72	115188.21	102241.36	12.23	ppb
Manganese	55-2	8734.49	9825.67	11328.67	9962.94	13.07	ppb
Molybdenum	94-1	9774.60	10074.65	10707.02	10185.42	4.67	ppb
Molybdenum	95-1	9908.71	10015.59	10595.93	10173.41	3.63	ppb
Molybdenum	96-1	9995.98	10006.33	10521.45	10174.59	2.95	ppb
Molybdenum	97-1	10047.23	9941.78	10643.36	10210.79	3.71	ppb
Molybdenum	98-1	10082.69	9785.05	10808.27	10225.34	5.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	866.37	994.31	1112.58	991.09	12.42	ppb
Phosphorus	31-2	17557.71	19928.81	22051.61	19846.04	11.33	ppb
Potassium	39-2	43225.86	49661.50	54713.64	49200.33	11.70	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	857.43	1018.22	1086.83	987.50	11.92	ppb
Selenium	78-2	881.39	999.97	1095.78	992.38	10.82	ppb
Selenium	82-1	984.47	987.89	1050.89	1007.75	3.71	ppb
Silicon	28-1	992.72	989.47	1019.48	1000.56	1.65	ppb
Silver	107-1	1000.35	989.66	1027.47	1005.83	1.94	ppb
Silver	109-1	996.17	980.10	1044.48	1006.92	3.33	ppb
Sodium	23-2	90447.16	99970.70	113803.65	101407.17	11.58	ppb
Strontium	86-1	25124.96	24740.55	26654.44	25506.65	3.97	ppb
Strontium	88-1	25064.21	25042.30	26204.62	25437.04	2.61	ppb
Sulfur	34-1	18817.74	19056.72	19739.58	19204.68	2.49	ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	1001.35	1006.83	1058.03	1022.07	3.06	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:47:48	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	1003.62	971.67	1074.53	1016.61	5.18	ppb
Tin	118-1	990.50	979.88	1057.53	1009.30	4.17	ppb
Titanium	47-1	10011.15	10069.37	10312.25	10130.93	1.58	ppb
Uranium	238-1	995.95	1010.12	1049.19	1018.42	2.71	ppb
Vanadium	51-2	887.41	1007.72	1131.25	1008.79	12.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	8715.05	9840.74	11165.22	9907.00	12.38	ppb
Zirconium	90-1	983.01	1004.96	1058.71	1015.56	3.83	ppb
Zirconium	91-1	992.78	1000.92	1070.15	1021.28	4.16	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:50:55	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107572.46	96471.32	95317.10	99786.96	6.78	ppb
Antimony	121-1	0.79	0.98	1.07	0.95	15.14	ppb
Arsenic	75-2	0.73	0.64	0.59	0.65	10.61	ppb
Barium	135-1	2.73	2.65	2.34	2.57	8.03	ppb
Barium	137-1	2.61	2.68	2.21	2.50	10.09	ppb
Beryllium	9-1	0.29	0.21	0.17	0.22	26.72	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	63.83	61.23	54.79	59.95	7.76	ppb
Boron	11-1	70.47	66.16	59.22	65.28	8.69	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.01	-0.01	-0.04		ppb
Cadmium	106-1	-3.80	-2.11	-1.89	-2.60		ppb
Cadmium	108-1	0.62	0.87	1.03	0.84	24.22	ppb
Calcium	43-1	499613.78	500198.15	488123.72	495978.55	1.37	ppb
Calcium	44-1	490676.26	514807.79	485659.40	497047.82	3.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.98	2.62	2.51	2.70	9.07	ppb
Cobalt	59-2	4.07	3.56	3.65	3.76	7.21	ppb
Copper	63-2	2.19	1.89	1.75	1.94	11.47	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
Gold	197-1	-58.60	547.86	331.51	273.59	112.34	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	266016.92	237520.51	245014.57	249517.34	5.92	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:50:55	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	267911.42	238772.23	241077.96	249253.87	6.50	ppb
Iron	54-2	264800.66	243082.51	238997.67	248960.28	5.57	ppb
Krypton	83-1						cps
Lead	206-1	1.46	1.06	0.99	1.17	21.55	ppb
Lead	207-1	1.47	1.08	0.94	1.16	23.70	ppb
Lead	208-1	1.45	1.06	0.99	1.17	21.33	ppb
Lithium	6-1				95		%
Magnesium	24-2	536248.74	478860.21	482470.90	499193.28	6.44	ppb
Manganese	55-2	6.55	5.80	5.88	6.08	6.78	ppb
Molybdenum	94-1	4.63	3.80	3.90	4.11	11.05	ppb
Molybdenum	95-1	4.31	3.45	3.21	3.66	15.81	ppb
Molybdenum	96-1	8.47	8.05	7.57	8.03	5.57	ppb
Molybdenum	97-1	4.52	3.74	3.32	3.86	15.77	ppb
Molybdenum	98-1	4.29	3.26	2.98	3.51	19.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.51	3.77	3.71	4.00	11.14	ppb
Phosphorus	31-2	-39.85	8.03	-0.55	-10.79		ppb
Potassium	39-2	272130.87	238636.04	239676.31	250147.74	7.61	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	0.57	-0.26	-0.26	0.02	2633.01	ppb
Selenium	78-2	0.89	-0.31	-0.06	0.17	366.38	ppb
Selenium	82-1	1.46	1.14	1.52	1.37	14.79	ppb
Silicon	28-1	52.49	54.47	53.64	53.53	1.86	ppb
Silver	107-1	0.42	0.33	0.31	0.35	15.83	ppb
Silver	109-1	0.35	0.34	0.28	0.32	11.68	ppb
Sodium	23-2	537622.81	481365.25	479676.32	499554.79	6.60	ppb
Strontium	86-1	8.11	6.89	6.43	7.14	12.11	ppb
Strontium	88-1	8.30	6.76	6.62	7.23	12.95	ppb
Sulfur	34-1	-1415.80	-1504.26	-1529.01	-1483.02		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.42	0.38	0.34	0.38	9.55	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:50:55	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.49	0.38	0.38	0.41	15.07	ppb
Tin	118-1	1.04	1.11	1.01	1.05	5.29	ppb
Titanium	47-1	1.76	1.40	1.57	1.58	11.42	ppb
Uranium	238-1	0.19	0.10	0.08	0.12	46.13	ppb
Vanadium	51-2	0.45	0.42	0.39	0.42	7.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	8.73	8.02	8.00	8.25	5.06	ppb
Zirconium	90-1	0.52	0.42	0.40	0.45	14.53	ppb
Zirconium	91-1	0.52	0.39	0.45	0.45	13.59	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICV07	Instrumnet Name :	P8
Client Sample ID :	ICV07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:04:23	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	519.19	515.13	494.83	509.72	2.56	ppb
Antimony	121-1	173.61	203.32	193.08	190.00	7.94	ppb
Arsenic	75-2	211.12	210.19	195.15	205.48	4.36	ppb
Barium	135-1	83.23	99.02	92.29	91.51	8.66	ppb
Barium	137-1	81.17	99.83	92.72	91.24	10.32	ppb
Beryllium	9-1	88.01	100.96	101.60	96.86	7.92	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	8.35	9.50	9.43	9.09	7.08	ppb
Boron	11-1	9.16	10.21	9.99	9.79	5.67	ppb
Bromine	81-1						cps
Cadmium	111-1	89.81	105.34	99.50	98.22	7.99	ppb
Cadmium	106-1	66.02	79.16	74.04	73.07	9.07	ppb
Cadmium	108-1	75.81	86.06	82.46	81.44	6.39	ppb
Calcium	43-1	1673.34	1994.12	1886.91	1851.46	8.82	ppb
Calcium	44-1	1716.10	2005.49	1942.26	1887.95	8.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.03	98.02	94.58	97.21	2.40	ppb
Cobalt	59-2	99.86	99.94	95.53	98.44	2.56	ppb
Copper	63-2	100.46	98.91	93.67	97.68	3.64	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
Gold	197-1	244.58	119.09	-58.60	101.69	149.81	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	2056.48	2031.92	1997.55	2028.65	1.46	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICV07	Instrumnet Name :	P8
Client Sample ID :	ICV07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:04:23	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	1999.31	2045.87	1915.10	1986.76	3.34	ppb
Iron	54-2	2097.16	2098.18	1965.69	2053.68	3.71	ppb
Krypton	83-1						cps
Lead	206-1	157.08	187.81	177.45	174.12	8.98	ppb
Lead	207-1	150.09	176.61	171.08	165.93	8.43	ppb
Lead	208-1	154.74	188.37	177.92	173.67	9.91	ppb
Lithium	6-1				107		%
Magnesium	24-2	1217.37	1200.84	1148.11	1188.78	3.04	ppb
Manganese	55-2	98.76	99.36	94.91	97.68	2.48	ppb
Molybdenum	94-1	0.11	0.14	0.14	0.13	13.55	ppb
Molybdenum	95-1	0.12	0.12	0.12	0.12	3.31	ppb
Molybdenum	96-1	0.15	0.13	0.18	0.15	17.10	ppb
Molybdenum	97-1	0.10	0.07	0.13	0.10	32.35	ppb
Molybdenum	98-1	0.10	0.15	0.11	0.12	21.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.20	106.79	101.89	104.96	2.55	ppb
Phosphorus	31-2	12.96	-13.22	-35.25	-11.83		ppb
Potassium	39-2	1883.94	1890.61	1846.87	1873.81	1.26	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	228.96	208.12	217.91	218.33	4.78	ppb
Selenium	78-2	215.48	214.12	203.17	210.92	3.20	ppb
Selenium	82-1	183.22	211.52	205.67	200.14	7.46	ppb
Silicon	28-1	-3.55	0.02	-0.75	-1.43		ppb
Silver	107-1	43.80	50.14	49.14	47.70	7.15	ppb
Silver	109-1	44.29	52.61	49.90	48.93	8.68	ppb
Sodium	23-2	1997.93	2038.25	1906.72	1980.97	3.40	ppb
Strontium	86-1	0.12	0.30	0.26	0.23	40.49	ppb
Strontium	88-1	0.19	0.24	0.21	0.21	9.53	ppb
Sulfur	34-1	-2206.81	-1003.17	-1385.01	-1531.66		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	162.62	189.27	178.51	176.80	7.58	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICV07	Instrumnet Name :	P8
Client Sample ID :	ICV07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:04:23	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	172.17	203.56	185.38	187.04	8.43	ppb
Tin	118-1	-0.02	0.05	0.27	0.10	147.17	ppb
Titanium	47-1	0.03	0.11	0.09	0.08	51.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	97.69	94.48	91.91	94.70	3.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	207.71	206.65	198.69	204.35	2.41	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	27.70	ppb
Zirconium	91-1	0.06	0.08	0.08	0.07	15.29	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:07:33	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.00	19.89	23.24	21.71	7.81	ppb
Antimony	121-1	2.08	2.13	1.96	2.06	4.34	ppb
Arsenic	75-2	1.09	1.05	1.26	1.13	9.80	ppb
Barium	135-1	9.85	9.27	9.02	9.38	4.56	ppb
Barium	137-1	9.71	9.48	8.89	9.36	4.51	ppb
Beryllium	9-1	1.10	1.11	1.10	1.10	0.34	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	20.94	21.23	21.03	21.07	0.71	ppb
Boron	11-1	21.84	23.18	23.00	22.67	3.20	ppb
Bromine	81-1						cps
Cadmium	111-1	0.76	0.58	0.71	0.68	13.63	ppb
Cadmium	106-1	-3.13	-4.52	-2.86	-3.50		ppb
Cadmium	108-1	1.76	1.38	1.56	1.56	12.15	ppb
Calcium	43-1	485.85	481.43	471.98	479.75	1.48	ppb
Calcium	44-1	491.07	485.15	487.91	488.04	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	2.00	2.03	2.01	0.83	ppb
Cobalt	59-2	1.01	1.00	1.08	1.03	4.45	ppb
Copper	63-2	2.07	2.00	2.77	2.28	18.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	111.33	-58.60	-58.60	-1.96		ppb
Gold	197-2	-10.81	19.75	-10.81	-0.62		ppb
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	50.96	49.76	69.72	56.81	19.70	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:07:33	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	41.43	51.12	69.40	53.98	26.30	ppb
Iron	54-2	55.27	57.03	67.51	59.94	11.04	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.91	0.84	0.88	4.50	ppb
Lead	207-1	0.92	0.83	0.91	0.89	5.64	ppb
Lead	208-1	0.88	0.89	0.86	0.88	1.40	ppb
Lithium	6-1				104		%
Magnesium	24-2	534.19	542.74	546.26	541.06	1.15	ppb
Manganese	55-2	1.03	0.98	1.53	1.18	25.94	ppb
Molybdenum	94-1	6.19	5.83	5.85	5.96	3.38	ppb
Molybdenum	95-1	5.04	5.00	4.99	5.01	0.59	ppb
Molybdenum	96-1	5.22	5.19	5.02	5.14	2.15	ppb
Molybdenum	97-1	5.10	5.20	4.79	5.03	4.28	ppb
Molybdenum	98-1	5.18	5.00	4.90	5.03	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	0.94	1.21	1.10	13.27	ppb
Phosphorus	31-2	-6.88	1.29	-3.29	-2.96		ppb
Potassium	39-2	465.68	472.67	504.30	480.89	4.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	5.13	7.47	6.87	6.49	18.77	ppb
Selenium	78-2	4.59	3.96	4.90	4.48	10.61	ppb
Selenium	82-1	4.94	5.84	4.99	5.26	9.60	ppb
Silicon	28-1	-0.25	-0.41	-0.10	-0.25		ppb
Silver	107-1	1.05	1.09	1.07	1.07	1.84	ppb
Silver	109-1	1.04	1.04	1.03	1.03	0.32	ppb
Sodium	23-2	512.16	522.25	541.56	525.32	2.84	ppb
Strontium	86-1	1.09	0.80	1.15	1.01	18.86	ppb
Strontium	88-1	1.01	0.95	1.01	0.99	3.76	ppb
Sulfur	34-1	-1398.08	-1392.90	-1316.29	-1369.09		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.95	0.90	0.89	0.92	3.21	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:07:33	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.96	0.95	0.93	0.94	1.59	ppb
Tin	118-1	5.11	5.16	4.69	4.99	5.18	ppb
Titanium	47-1	5.11	4.50	4.74	4.78	6.45	ppb
Uranium	238-1	0.92	0.89	0.84	0.88	4.95	ppb
Vanadium	51-2	4.85	4.70	4.85	4.80	1.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	2.68	2.76	3.99	3.14	23.47	ppb
Zirconium	90-1	1.02	0.88	1.00	0.97	7.46	ppb
Zirconium	91-1	0.99	0.93	0.81	0.91	9.85	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICB07	Instrumnet Name :	P8
Client Sample ID :	ICB07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:11:36	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	-0.31	0.11	-0.06		ppb
Antimony	121-1	0.03	0.04	0.07	0.04	53.00	ppb
Arsenic	75-2	-0.01	0.01	-0.02	-0.01		ppb
Barium	135-1	-0.02	-0.02	0.00	-0.01		ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	14.92	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	5.77	6.24	6.32	6.11	4.92	ppb
Boron	11-1	6.43	6.77	6.59	6.60	2.54	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.20	-0.34	-0.18	-0.24		ppb
Cadmium	106-1	-2.36	-4.14	-1.94	-2.81		ppb
Cadmium	108-1	0.20	0.31	0.41	0.31	34.68	ppb
Calcium	43-1	-1.84	-2.61	-0.02	-1.49		ppb
Calcium	44-1	-7.21	-4.96	-4.27	-5.48		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	0.00	0.03	76.16	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.05	0.01	0.03	0.03	64.03	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
Gold	197-1	408.30	117.05	113.25	212.87	79.52	ppb
Gold	197-2	22.04	-10.81	-10.81	0.14	13371.18	ppb
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	-0.17	-0.08	0.11	-0.05		ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICB07	Instrumnet Name :	P8
Client Sample ID :	ICB07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:11:36	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	0.56	1.45	0.01	0.67	107.81	ppb
Iron	54-2	-0.52	-0.32	1.18	0.12	803.54	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.01	0.02	41.54	ppb
Lead	207-1	0.02	0.04	0.06	0.04	56.67	ppb
Lead	208-1	0.01	0.02	0.03	0.02	38.50	ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.19	-0.08	-0.43	-0.23		ppb
Manganese	55-2	0.00	0.00	0.01	0.00	269.38	ppb
Molybdenum	94-1	0.02	0.04	0.04	0.03	30.92	ppb
Molybdenum	95-1	0.05	0.04	0.06	0.05	22.74	ppb
Molybdenum	96-1	0.05	0.02	0.04	0.04	39.13	ppb
Molybdenum	97-1	0.03	0.07	0.04	0.04	43.06	ppb
Molybdenum	98-1	0.05	0.06	0.04	0.05	20.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.02	50.17	ppb
Phosphorus	31-2	-17.18	-8.47	-23.06	-16.23		ppb
Potassium	39-2	-8.14	-8.43	-3.93	-6.83		ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-0.55	-0.23	-1.15	-0.65		ppb
Selenium	82-1	0.56	0.14	-0.11	0.20	175.18	ppb
Silicon	28-1	-3.33	-2.11	-1.64	-2.36		ppb
Silver	107-1	0.01	0.01	0.00	0.01	96.73	ppb
Silver	109-1	0.01	0.00	0.00	0.00	149.22	ppb
Sodium	23-2	13.37	14.78	15.46	14.53	7.35	ppb
Strontium	86-1	-0.06	-0.03	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	41.30	ppb
Sulfur	34-1	-1837.74	-1221.67	-960.78	-1340.06		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.01	0.02	0.01	98.15	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICB07	Instrumnet Name :	P8
Client Sample ID :	ICB07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:11:36	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.00	0.01	0.02	0.01	63.03	ppb
Tin	118-1	0.00	0.07	0.02	0.03	132.88	ppb
Titanium	47-1	-0.06	-0.05	0.01	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	76.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	0.13	-0.03	-0.11	0.00		ppb
Zirconium	90-1	-0.01	0.00	0.00	-0.01		ppb
Zirconium	91-1	0.00	0.00	0.04	0.01	231.66	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICSA07	Instrumnet Name :	P8
Client Sample ID :	ICSA07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:14:48	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	110559.97	105242.46	99516.96	105106.46	5.25	ppb
Antimony	121-1	1.12	1.50	1.02	1.22	20.80	ppb
Arsenic	75-2	0.35	0.25	0.37	0.32	18.72	ppb
Barium	135-1	1.36	1.72	1.07	1.38	23.64	ppb
Barium	137-1	1.32	1.81	1.25	1.46	20.87	ppb
Beryllium	9-1	0.28	0.38	0.27	0.31	20.39	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	6.14	7.21	5.27	6.20	15.65	ppb
Boron	11-1	6.49	7.92	5.66	6.69	17.07	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.03	-0.16	-0.12		ppb
Cadmium	106-1	-5.79	-4.62	-5.89	-5.43		ppb
Cadmium	108-1	11.02	15.06	9.64	11.91	23.63	ppb
Calcium	43-1	98830.59	134672.45	89731.97	107745.01	22.05	ppb
Calcium	44-1	97777.10	134347.23	92437.67	108187.33	21.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.27	19.80	18.90	19.99	5.98	ppb
Cobalt	59-2	1.19	1.26	1.07	1.17	8.32	ppb
Copper	63-2	8.31	8.17	7.44	7.97	5.87	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
Gold	197-1	308.54	183.24	280.60	257.46	25.55	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	112767.27	107628.78	98315.10	106237.05	6.90	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICSA07	Instrumnet Name :	P8
Client Sample ID :	ICSA07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:14:48	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	110673.37	106986.37	99816.06	105825.27	5.22	ppb
Iron	54-2	109799.51	107310.83	98996.30	105368.88	5.37	ppb
Krypton	83-1						cps
Lead	206-1	5.01	6.75	4.69	5.48	20.20	ppb
Lead	207-1	4.32	6.06	4.25	4.88	21.07	ppb
Lead	208-1	4.68	6.31	4.45	5.15	19.69	ppb
Lithium	6-1				96		%
Magnesium	24-2	109555.08	107595.95	101219.64	106123.56	4.11	ppb
Manganese	55-2	8.32	7.95	7.66	7.98	4.19	ppb
Molybdenum	94-1	1507.69	1955.49	1436.79	1633.33	17.22	ppb
Molybdenum	95-1	1853.47	2471.77	1765.49	2030.24	18.96	ppb
Molybdenum	96-1	1854.52	2448.10	1770.18	2024.27	18.25	ppb
Molybdenum	97-1	1883.68	2379.07	1786.61	2016.46	15.76	ppb
Molybdenum	98-1	1854.83	2454.81	1755.97	2021.87	18.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.03	5.82	5.28	5.71	6.76	ppb
Phosphorus	31-2	107044.28	103735.62	98379.91	103053.27	4.24	ppb
Potassium	39-2	104521.66	101644.15	97764.46	101310.09	3.35	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	-0.26	-0.26	1.29	0.26	345.87	ppb
Selenium	78-2	-0.29	0.09	-0.45	-0.22		ppb
Selenium	82-1	0.47	0.29	0.93	0.56	58.55	ppb
Silicon	28-1	4.10	12.70	2.09	6.30	89.52	ppb
Silver	107-1	0.01	0.02	0.02	0.02	25.63	ppb
Silver	109-1	0.02	0.03	0.02	0.02	15.68	ppb
Sodium	23-2	110689.20	109224.38	101488.22	107133.93	4.61	ppb
Strontium	86-1	32.54	43.22	31.03	35.60	18.67	ppb
Strontium	88-1	33.12	43.14	31.12	35.79	17.99	ppb
Sulfur	34-1	90367.70	124505.08	83638.82	99503.87	22.02	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.14	0.27	0.20	0.20	33.10	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICSA07	Instrumnet Name :	P8
Client Sample ID :	ICSA07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:14:48	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.18	0.27	0.20	0.22	22.67	ppb
Tin	118-1	0.19	0.33	0.16	0.23	39.62	ppb
Titanium	47-1	1904.62	2601.41	1828.34	2111.46	20.18	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	21.16	ppb
Vanadium	51-2	0.14	0.13	0.15	0.14	4.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	11.36	10.98	10.84	11.06	2.41	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	105.74	ppb
Zirconium	91-1	0.01	0.05	0.03	0.03	60.09	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICSAB07	Instrumnet Name :	P8
Client Sample ID :	ICSAB07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:19:28	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100354.98	98795.89	98302.20	99151.02	1.08	ppb
Antimony	121-1	20.29	20.63	20.46	20.46	0.84	ppb
Arsenic	75-2	20.83	21.22	21.17	21.07	1.01	ppb
Barium	135-1	19.74	21.44	20.85	20.68	4.15	ppb
Barium	137-1	20.06	20.70	20.31	20.35	1.59	ppb
Beryllium	9-1	19.91	19.94	19.81	19.89	0.32	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	4.14	4.33	4.26	4.24	2.23	ppb
Boron	11-1	4.63	4.55	4.54	4.57	1.05	ppb
Bromine	81-1						cps
Cadmium	111-1	18.28	18.38	18.49	18.38	0.57	ppb
Cadmium	106-1	7.60	7.72	6.24	7.19	11.46	ppb
Cadmium	108-1	26.22	25.02	24.15	25.13	4.14	ppb
Calcium	43-1	92752.50	96336.23	94160.80	94416.51	1.91	ppb
Calcium	44-1	93482.25	98435.29	94765.09	95560.88	2.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.95	38.86	38.34	38.72	0.84	ppb
Cobalt	59-2	21.01	20.83	20.70	20.85	0.75	ppb
Copper	63-2	26.72	26.76	26.94	26.81	0.43	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
Gold	197-1	125.01	-58.60	-58.60	2.60	4073.35	ppb
Gold	197-2	22.29	-10.81	24.19	11.89	165.49	ppb
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	100044.52	105236.42	104553.00	103277.98	2.73	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICSAB07	Instrumnet Name :	P8
Client Sample ID :	ICSAB07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:19:28	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	103604.22	103015.38	103867.32	103495.64	0.42	ppb
Iron	54-2	102552.11	102941.28	99392.41	101628.60	1.92	ppb
Krypton	83-1						cps
Lead	206-1	23.04	23.82	23.48	23.45	1.67	ppb
Lead	207-1	22.04	22.61	22.02	22.22	1.52	ppb
Lead	208-1	22.55	22.99	22.62	22.72	1.05	ppb
Lithium	6-1				102		%
Magnesium	24-2	98616.81	101792.90	102212.52	100874.08	1.95	ppb
Manganese	55-2	26.71	27.28	27.25	27.08	1.19	ppb
Molybdenum	94-1	1538.44	1465.88	1511.57	1505.30	2.44	ppb
Molybdenum	95-1	1839.42	1798.72	1846.52	1828.22	1.41	ppb
Molybdenum	96-1	1866.35	1726.07	1808.70	1800.38	3.92	ppb
Molybdenum	97-1	1838.60	1755.16	1878.50	1824.09	3.45	ppb
Molybdenum	98-1	1784.15	1792.88	1864.00	1813.68	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.82	25.32	25.92	25.69	1.24	ppb
Phosphorus	31-2	99773.84	99454.10	99700.90	99642.95	0.17	ppb
Potassium	39-2	99466.08	96685.47	96967.19	97706.25	1.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	77-2	23.05	23.62	20.20	22.29	8.23	ppb
Selenium	78-2	19.17	15.45	19.65	18.09	12.71	ppb
Selenium	82-1	19.70	18.53	19.86	19.36	3.76	ppb
Silicon	28-1	2.15	3.43	3.26	2.95	23.62	ppb
Silver	107-1	18.67	18.57	18.27	18.50	1.11	ppb
Silver	109-1	19.07	19.37	18.99	19.14	1.04	ppb
Sodium	23-2	104549.18	100566.92	102012.72	102376.27	1.97	ppb
Strontium	86-1	31.58	30.86	32.38	31.61	2.41	ppb
Strontium	88-1	32.22	31.88	32.71	32.27	1.30	ppb
Sulfur	34-1	86152.62	90483.08	88721.34	88452.35	2.46	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	20.01	20.27	19.46	19.91	2.09	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICSAB07	Instrumnet Name :	P8
Client Sample ID :	ICSAB07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:19:28	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	20.64	20.99	19.57	20.40	3.62	ppb
Tin	118-1	0.28	0.19	0.32	0.26	24.93	ppb
Titanium	47-1	1864.78	1979.90	1915.57	1920.08	3.00	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.95	ppb
Vanadium	51-2	19.62	19.65	19.38	19.55	0.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	29.77	30.75	30.52	30.35	1.69	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	71.51	ppb
Zirconium	91-1	0.01	0.02	0.04	0.02	67.95	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:27:31	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52728.43	51662.83	50368.92	51586.72	2.29	ppb
Antimony	121-1	443.90	432.06	627.64	501.20	21.88	ppb
Arsenic	75-2	473.63	481.43	487.41	480.82	1.44	ppb
Barium	135-1	2371.32	2220.40	3193.96	2595.23	20.19	ppb
Barium	137-1	2275.65	2237.94	3216.68	2576.76	21.52	ppb
Beryllium	9-1	468.06	419.50	577.23	488.26	16.54	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	454.71	442.71	600.60	499.34	17.60	ppb
Boron	11-1	452.07	449.82	621.96	507.95	19.44	ppb
Bromine	81-1						cps
Cadmium	111-1	426.67	413.00	610.19	483.29	22.78	ppb
Cadmium	106-1	432.25	417.37	616.04	488.55	22.65	ppb
Cadmium	108-1	435.39	421.65	625.96	494.33	23.10	ppb
Calcium	43-1	231890.13	211031.13	332211.42	258377.56	25.07	ppb
Calcium	44-1	234937.81	219301.55	334129.61	262789.65	23.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.40	482.02	470.45	479.96	1.80	ppb
Cobalt	59-2	489.12	500.62	493.26	494.33	1.18	ppb
Copper	63-2	4891.42	4772.79	4832.77	4832.33	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	1040.23	773.51	669.76	827.83	23.09	ppb
Gold	197-2	436.40	478.77	550.14	488.44	11.77	ppb
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	127108.71	126281.84	123229.20	125539.92	1.63	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:27:31	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	129487.53	127526.27	125174.88	127396.23	1.69	ppb
Iron	54-2	126519.91	125055.22	121496.96	124357.36	2.08	ppb
Krypton	83-1						cps
Lead	206-1	2441.44	2194.32	3188.90	2608.22	19.85	ppb
Lead	207-1	2462.13	2208.56	3232.16	2634.28	20.24	ppb
Lead	208-1	2437.51	2241.98	3274.22	2651.24	20.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	256365.74	253654.47	246465.24	252161.81	2.03	ppb
Manganese	55-2	5040.92	5093.53	4826.13	4986.86	2.84	ppb
Molybdenum	94-1	4488.48	4257.65	6269.52	5005.22	22.00	ppb
Molybdenum	95-1	4566.34	4280.20	6569.28	5138.61	24.27	ppb
Molybdenum	96-1	4526.28	4329.27	6581.63	5145.73	24.24	ppb
Molybdenum	97-1	4481.19	4086.46	6330.38	4966.01	24.12	ppb
Molybdenum	98-1	4586.32	4162.27	6446.96	5065.19	23.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.80	485.90	475.79	483.16	1.34	ppb
Phosphorus	31-2	9979.43	9906.57	10080.81	9988.94	0.88	ppb
Potassium	39-2	124698.06	125971.40	122104.01	124257.83	1.59	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	473.14	499.15	481.18	484.49	2.75	ppb
Selenium	78-2	467.36	461.65	493.50	474.17	3.58	ppb
Selenium	82-1	430.59	411.38	617.08	486.35	23.36	ppb
Silicon	28-1	490.71	452.18	702.95	548.62	24.61	ppb
Silver	107-1	252.37	254.92	360.80	289.36	21.38	ppb
Silver	109-1	262.30	244.40	365.80	290.83	22.53	ppb
Sodium	23-2	259032.98	254362.00	247952.54	253782.50	2.19	ppb
Strontium	86-1	11095.14	10924.58	15628.27	12549.33	21.26	ppb
Strontium	88-1	11084.79	10765.70	15959.20	12603.23	23.10	ppb
Sulfur	34-1	9691.85	8661.29	17509.71	11954.28	40.48	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	499.38	449.29	664.10	537.59	20.91	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:27:31	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	475.95	461.62	657.99	531.85	20.58	ppb
Tin	118-1	474.81	448.12	681.02	534.65	23.84	ppb
Titanium	47-1	4477.33	4316.21	6463.11	5085.55	23.51	ppb
Uranium	238-1	491.06	450.57	700.28	547.30	24.49	ppb
Vanadium	51-2	495.32	491.22	481.91	489.48	1.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	4520.47	4453.27	4445.92	4473.22	0.92	ppb
Zirconium	90-1	454.79	428.32	660.58	514.56	24.71	ppb
Zirconium	91-1	451.19	427.68	655.96	511.61	24.54	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:30:27	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.12	0.64	1.22	0.99	31.49	ppb
Antimony	121-1	0.15	0.21	0.29	0.21	31.90	ppb
Arsenic	75-2	0.02	0.04	0.04	0.04	28.07	ppb
Barium	135-1	0.12	0.05	0.02	0.06	78.22	ppb
Barium	137-1	0.14	0.03	0.04	0.07	82.30	ppb
Beryllium	9-1	0.07	0.05	0.05	0.06	17.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	32.24	27.57	27.56	29.12	9.25	ppb
Boron	11-1	34.84	29.64	29.84	31.44	9.37	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.26	-0.36	-0.40	-0.34		ppb
Cadmium	106-1	-3.78	-5.08	-5.23	-4.70		ppb
Cadmium	108-1	-0.04	0.06	-0.02	0.00		ppb
Calcium	43-1	6.59	3.66	1.56	3.94	64.07	ppb
Calcium	44-1	7.08	2.06	2.29	3.81	74.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.03	0.07	0.05	41.00	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	94.03	ppb
Copper	63-2	0.36	0.25	0.25	0.29	21.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	478.42	-58.60	-58.60	120.41	257.50	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	2.52	1.66	1.78	1.99	23.51	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:30:27	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	1.99	-0.29	0.50	0.73	158.51	ppb
Iron	54-2	3.24	0.90	1.91	2.02	58.18	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.14	0.14	0.15	8.97	ppb
Lead	207-1	0.17	0.13	0.15	0.15	13.27	ppb
Lead	208-1	0.16	0.13	0.14	0.14	8.72	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.73	2.49	3.13	3.12	19.90	ppb
Manganese	55-2	0.08	0.04	0.09	0.07	43.96	ppb
Molybdenum	94-1	1.07	0.97	0.88	0.97	10.11	ppb
Molybdenum	95-1	1.14	0.93	0.93	1.00	12.24	ppb
Molybdenum	96-1	1.16	0.90	0.84	0.96	17.48	ppb
Molybdenum	97-1	1.26	0.95	0.85	1.02	20.66	ppb
Molybdenum	98-1	1.00	0.97	0.87	0.95	7.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.01	0.01	236.02	ppb
Phosphorus	31-2	-8.69	-18.64	8.32	-6.34		ppb
Potassium	39-2	38.18	17.29	14.23	23.23	56.11	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	-0.26	0.50	-0.26	-0.01		ppb
Selenium	78-2	-0.09	-1.98	-0.28	-0.78		ppb
Selenium	82-1	-0.40	0.28	-0.04	-0.05		ppb
Silicon	28-1	0.08	-0.98	-0.96	-0.62		ppb
Silver	107-1	0.09	0.11	0.13	0.11	20.01	ppb
Silver	109-1	0.07	0.11	0.14	0.11	32.43	ppb
Sodium	23-2	72.39	62.32	59.53	64.75	10.45	ppb
Strontium	86-1	0.44	0.21	0.30	0.32	36.53	ppb
Strontium	88-1	0.43	0.28	0.25	0.32	30.14	ppb
Sulfur	34-1	-1625.48	-2062.87	-1871.90	-1853.41		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.13	0.14	0.15	0.14	6.06	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:30:27	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.18	0.15	0.15	0.16	9.14	ppb
Tin	118-1	0.06	0.06	0.05	0.06	8.15	ppb
Titanium	47-1	0.18	0.03	0.13	0.11	65.95	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	52.54	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	55.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.24	0.03	0.19	0.15	70.11	ppb
Zirconium	90-1	0.01	0.00	0.03	0.01	169.27	ppb
Zirconium	91-1	0.00	0.04	0.04	0.03	72.15	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:38:26	DataFile Name :	022LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.53	18.72	20.70	20.31	7.10	ppb
Antimony	121-1	1.90	2.02	2.34	2.08	11.03	ppb
Arsenic	75-2	0.94	1.12	1.14	1.07	10.08	ppb
Barium	135-1	8.88	9.05	11.36	9.76	14.17	ppb
Barium	137-1	9.20	8.90	11.16	9.75	12.55	ppb
Beryllium	9-1	1.05	1.01	1.21	1.09	9.58	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	20.69	21.06	25.04	22.26	10.83	ppb
Boron	11-1	22.56	23.06	27.49	24.37	11.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.66	0.46	0.35	0.49	31.31	ppb
Cadmium	106-1	-4.09	-5.85	-9.10	-6.35		ppb
Cadmium	108-1	0.91	0.91	0.88	0.90	2.31	ppb
Calcium	43-1	452.72	463.33	566.01	494.02	12.67	ppb
Calcium	44-1	458.74	465.54	591.31	505.20	14.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	2.03	1.87	1.96	3.99	ppb
Cobalt	59-2	0.96	1.03	1.05	1.01	4.49	ppb
Copper	63-2	2.20	2.14	2.07	2.14	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
Gold	197-1	-58.60	-58.60	145.04	9.28	1267.11	ppb
Gold	197-2	20.38	-10.81	-10.81	-0.41		ppb
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	51.69	49.78	50.20	50.56	1.99	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:38:26	DataFile Name :	022LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	50.40	47.71	49.46	49.19	2.78	ppb
Iron	54-2	46.33	51.36	48.97	48.89	5.15	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.90	1.13	0.97	14.17	ppb
Lead	207-1	0.80	0.89	1.17	0.95	19.98	ppb
Lead	208-1	0.85	0.88	1.15	0.96	17.20	ppb
Lithium	6-1				107		%
Magnesium	24-2	527.56	533.02	533.44	531.34	0.62	ppb
Manganese	55-2	0.97	0.99	0.99	0.98	0.79	ppb
Molybdenum	94-1	5.44	5.64	6.83	5.97	12.54	ppb
Molybdenum	95-1	4.64	4.87	5.63	5.05	10.28	ppb
Molybdenum	96-1	4.88	4.95	6.09	5.31	12.79	ppb
Molybdenum	97-1	4.83	5.05	6.03	5.30	12.04	ppb
Molybdenum	98-1	4.94	4.53	5.60	5.02	10.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.01	1.20	1.10	8.65	ppb
Phosphorus	31-2	-13.15	-7.78	-18.09	-13.01		ppb
Potassium	39-2	483.85	466.34	469.04	473.07	1.99	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	5.02	4.48	3.50	4.33	17.77	ppb
Selenium	78-2	4.17	4.74	5.00	4.63	9.12	ppb
Selenium	82-1	5.63	4.82	6.92	5.79	18.27	ppb
Silicon	28-1	-2.07	-1.59	3.87	0.07	4793.00	ppb
Silver	107-1	1.05	1.05	1.29	1.13	12.44	ppb
Silver	109-1	1.09	1.07	1.37	1.18	13.88	ppb
Sodium	23-2	526.62	518.44	535.40	526.82	1.61	ppb
Strontium	86-1	0.93	0.83	1.01	0.92	9.75	ppb
Strontium	88-1	0.91	0.93	1.16	1.00	13.74	ppb
Sulfur	34-1	-1993.99	-1870.47	-3.55	-1289.34		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.91	0.95	1.19	1.02	15.14	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:38:26	DataFile Name :	022LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.96	1.00	1.30	1.08	17.09	ppb
Tin	118-1	4.93	5.01	5.87	5.27	9.96	ppb
Titanium	47-1	4.67	4.45	5.84	4.99	15.00	ppb
Uranium	238-1	0.86	0.87	1.06	0.93	11.77	ppb
Vanadium	51-2	4.97	4.86	4.77	4.87	2.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	3.11	2.56	2.55	2.74	11.73	ppb
Zirconium	90-1	0.90	0.90	1.17	0.99	15.78	ppb
Zirconium	91-1	0.86	0.88	1.18	0.98	18.44	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147466BL	Instrumnet Name :	P8
Client Sample ID :	PB147466BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:41:47	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.12	0.23	0.11	107.02	ppb
Antimony	121-1	0.02	0.01	0.04	0.03	62.51	ppb
Arsenic	75-2	0.00	-0.03	0.00	-0.01		ppb
Barium	135-1	0.01	0.04	0.01	0.02	67.75	ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	13.03	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	7.30	7.25	6.11	6.89	9.81	ppb
Boron	11-1	7.98	7.93	7.01	7.64	7.12	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.53	-0.33	-0.33		ppb
Cadmium	106-1	-1.67	-6.46	-3.96	-4.03		ppb
Cadmium	108-1	-0.02	-0.02	0.08	0.01	400.57	ppb
Calcium	43-1	-1.41	-1.16	-3.81	-2.13		ppb
Calcium	44-1	-4.18	-2.75	-6.38	-4.44		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.02	0.07	0.05	60.59	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.14	0.11	0.12	0.12	12.82	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
Gold	197-1	-58.60	-58.60	100.25	-5.65		ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				111		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	-0.12	0.18	0.25	0.10	190.26	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147466BL	Instrumnet Name :	P8
Client Sample ID :	PB147466BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:41:47	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	-1.14	-0.47	-1.64	-1.08		ppb
Iron	54-2	0.01	-0.34	-0.17	-0.17		ppb
Krypton	83-1						cps
Lead	206-1	0.04	-0.01	0.02	0.02	154.54	ppb
Lead	207-1	0.07	0.05	0.02	0.05	59.28	ppb
Lead	208-1	0.05	0.03	0.03	0.04	39.82	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.00	0.23	-0.64	-0.13		ppb
Manganese	55-2	-0.02	0.01	0.02	0.00	73823.20	ppb
Molybdenum	94-1	0.08	0.08	0.06	0.07	18.71	ppb
Molybdenum	95-1	0.10	0.10	0.09	0.09	5.30	ppb
Molybdenum	96-1	0.08	0.06	0.06	0.07	12.73	ppb
Molybdenum	97-1	0.10	0.10	0.06	0.09	30.29	ppb
Molybdenum	98-1	0.08	0.08	0.07	0.08	12.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-22.21	-12.40	-12.19	-15.60		ppb
Potassium	39-2	-2.34	2.80	-2.21	-0.58		ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				98		%
Selenium	77-2	-0.26	0.49	-0.26	-0.01		ppb
Selenium	78-2	-0.49	0.13	0.32	-0.01		ppb
Selenium	82-1	0.21	-0.03	-0.19	0.00		ppb
Silicon	28-1	-2.09	-1.50	-3.24	-2.28		ppb
Silver	107-1	0.02	0.04	0.06	0.04	50.61	ppb
Silver	109-1	0.03	0.04	0.06	0.04	44.20	ppb
Sodium	23-2	28.78	28.36	27.42	28.19	2.47	ppb
Strontium	86-1	-0.06	-0.08	-0.06	-0.07		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-1122.78	-920.79	-1821.74	-1288.44		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.07	0.04	0.06	24.68	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147466BL	Instrumnet Name :	P8
Client Sample ID :	PB147466BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:41:47	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.06	0.05	0.06	0.06	14.25	ppb
Tin	118-1	0.01	0.03	0.04	0.03	67.55	ppb
Titanium	47-1	0.00	0.07	-0.06	0.00	1854.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	0.09	0.03	0.02	0.05	75.28	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.03	0.01	0.01	111.79	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147467BL	Instrumnet Name :	P8
Client Sample ID :	PB147467BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:47:55	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	-0.19	-0.34	-0.05		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	50.53	ppb
Arsenic	75-2	0.06	0.05	0.03	0.04	31.60	ppb
Barium	135-1	0.00	-0.01	0.02	0.01	207.92	ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.12	0.09	0.09	0.10	20.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	4.61	4.21	4.28	4.36	4.95	ppb
Boron	11-1	4.92	4.50	4.53	4.65	4.98	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.32	-0.25	-0.50	-0.36		ppb
Cadmium	106-1	-5.15	-3.81	-6.90	-5.29		ppb
Cadmium	108-1	-0.11	-0.02	0.13	0.00		ppb
Calcium	43-1	-1.84	-2.40	-2.26	-2.17		ppb
Calcium	44-1	-3.48	-4.73	-4.52	-4.24		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.05	0.01	0.04	54.70	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	403.56	ppb
Copper	63-2	0.30	0.31	0.23	0.28	14.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	298.22	110.83	116.66	175.24	60.80	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	0.06	0.15	0.08	0.09	50.52	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147467BL	Instrumnet Name :	P8
Client Sample ID :	PB147467BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:47:55	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	0.18	0.39	0.28	0.28	37.90	ppb
Iron	54-2	-1.57	-0.82	-0.18	-0.86		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.11	0.09	16.40	ppb
Lead	207-1	0.09	0.08	0.13	0.10	26.53	ppb
Lead	208-1	0.09	0.07	0.10	0.09	18.17	ppb
Lithium	6-1				105		%
Magnesium	24-2	-0.85	-0.09	-0.02	-0.32		ppb
Manganese	55-2	0.06	0.04	0.04	0.05	18.58	ppb
Molybdenum	94-1	0.11	0.04	0.13	0.09	47.41	ppb
Molybdenum	95-1	0.05	0.06	0.08	0.06	28.33	ppb
Molybdenum	96-1	0.04	0.04	0.06	0.05	24.93	ppb
Molybdenum	97-1	0.08	0.05	0.05	0.06	32.88	ppb
Molybdenum	98-1	0.05	0.04	0.05	0.05	12.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-9.57	-8.60	-7.95	-8.71		ppb
Potassium	39-2	5.75	5.81	-7.81	1.25	626.73	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	0.55	-0.26	-0.26	0.01	3595.13	ppb
Selenium	78-2	-0.31	-1.84	-0.57	-0.91		ppb
Selenium	82-1	0.32	0.38	0.30	0.34	12.85	ppb
Silicon	28-1	-0.50	-2.07	-1.49	-1.35		ppb
Silver	107-1	8.19	10.11	14.37	10.89	29.06	ppb
Silver	109-1	8.24	10.02	14.61	10.96	30.02	ppb
Sodium	23-2	35.44	28.73	26.48	30.22	15.42	ppb
Strontium	86-1	0.00	0.03	-0.01	0.00	593.05	ppb
Strontium	88-1	0.01	0.00	0.00	0.01	22.25	ppb
Sulfur	34-1	-844.99	-1301.08	-1100.92	-1082.33		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.50	0.37	0.42	0.43	15.26	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147467BL	Instrumnet Name :	P8
Client Sample ID :	PB147467BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:47:55	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.58	0.43	0.42	0.48	18.17	ppb
Tin	118-1	0.09	0.05	0.04	0.06	48.76	ppb
Titanium	47-1	-0.02	-0.01	-0.05	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	30.02	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	109.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	-0.06	0.08	0.07	0.03	266.46	ppb
Zirconium	90-1	0.00	0.03	0.08	0.04	103.34	ppb
Zirconium	91-1	0.04	0.04	0.06	0.05	33.48	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:54:02	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80.06	80.28	82.25	80.86	1.49	ppb
Antimony	121-1	0.06	0.05	0.08	0.06	23.58	ppb
Arsenic	75-2	3.30	3.32	3.16	3.26	2.70	ppb
Barium	135-1	240.31	216.48	245.98	234.26	6.68	ppb
Barium	137-1	242.73	227.74	248.08	239.52	4.40	ppb
Beryllium	9-1	0.18	0.15	0.17	0.17	8.67	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	33.82	33.47	34.25	33.85	1.16	ppb
Boron	11-1	37.19	37.47	37.60	37.42	0.57	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	-0.49	-0.36	-0.33		ppb
Cadmium	106-1	-3.35	-7.18	-5.41	-5.31		ppb
Cadmium	108-1	0.06	0.01	0.17	0.08	105.21	ppb
Calcium	43-1	21832.39	21760.93	21852.35	21815.22	0.22	ppb
Calcium	44-1	21890.13	22201.18	22181.73	22091.01	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.54	1.51	1.51	1.52	1.18	ppb
Cobalt	59-2	0.90	0.89	0.86	0.88	2.44	ppb
Copper	63-2	0.97	0.96	0.97	0.97	0.96	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
Gold	197-1	-58.60	111.94	121.60	58.32	173.82	ppb
Gold	197-2	-10.81	22.51	-10.81	0.30	6401.94	ppb
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	4135.42	4099.03	4135.17	4123.21	0.51	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:54:02	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	4117.15	3992.63	3921.89	4010.56	2.46	ppb
Iron	54-2	4089.66	4024.99	3951.43	4022.03	1.72	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.99	0.98	0.99	1.31	ppb
Lead	207-1	0.98	0.89	0.90	0.93	5.64	ppb
Lead	208-1	1.00	0.94	0.98	0.97	3.23	ppb
Lithium	6-1				107		%
Magnesium	24-2	7494.11	7451.76	7233.77	7393.21	1.89	ppb
Manganese	55-2	333.19	324.33	322.45	326.66	1.76	ppb
Molybdenum	94-1	0.41	0.57	0.92	0.63	41.50	ppb
Molybdenum	95-1	0.16	0.20	0.20	0.19	11.33	ppb
Molybdenum	96-1	0.27	0.28	0.30	0.28	5.81	ppb
Molybdenum	97-1	0.17	0.22	0.17	0.19	14.98	ppb
Molybdenum	98-1	0.18	0.17	0.18	0.18	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.40	2.24	2.38	2.34	3.64	ppb
Phosphorus	31-2	417.99	379.64	343.19	380.27	9.84	ppb
Potassium	39-2	3768.01	3589.59	3614.39	3657.33	2.64	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	0.52	0.52	0.51	0.52	1.32	ppb
Selenium	78-2	0.67	0.78	-1.03	0.14	736.05	ppb
Selenium	82-1	0.36	0.26	0.60	0.41	42.83	ppb
Silicon	28-1	2259.84	2278.67	2251.10	2263.21	0.62	ppb
Silver	107-1	0.89	1.14	1.97	1.33	42.15	ppb
Silver	109-1	0.92	1.16	1.87	1.32	37.61	ppb
Sodium	23-2	6890.82	6827.69	6920.56	6879.69	0.69	ppb
Strontium	86-1	233.36	228.37	231.83	231.18	1.11	ppb
Strontium	88-1	233.60	232.41	239.18	235.06	1.54	ppb
Sulfur	34-1	1503.62	1468.26	1250.51	1407.46	9.74	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.72	0.52	0.53	0.59	19.08	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:54:02	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.67	0.58	0.52	0.59	12.92	ppb
Tin	118-1	0.70	0.68	0.69	0.69	1.39	ppb
Titanium	47-1	5.88	6.17	6.00	6.02	2.48	ppb
Uranium	238-1	0.04	0.05	0.04	0.04	12.33	ppb
Vanadium	51-2	0.41	0.42	0.39	0.41	4.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	27.80	26.43	27.04	27.09	2.53	ppb
Zirconium	90-1	0.13	0.19	0.49	0.27	70.84	ppb
Zirconium	91-1	0.13	0.19	0.43	0.25	62.75	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022D	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:57:07	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97.05	94.16	92.12	94.44	2.62	ppb
Antimony	121-1	0.03	0.04	0.07	0.04	47.92	ppb
Arsenic	75-2	3.30	3.38	3.33	3.34	1.28	ppb
Barium	135-1	231.28	234.50	237.50	234.43	1.33	ppb
Barium	137-1	233.50	234.20	237.38	235.03	0.88	ppb
Beryllium	9-1	0.12	0.12	0.13	0.12	3.65	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	33.95	35.14	35.45	34.85	2.27	ppb
Boron	11-1	37.71	39.18	38.51	38.47	1.91	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.45	-0.50	-0.52	-0.49		ppb
Cadmium	106-1	-6.17	-6.76	-7.02	-6.65		ppb
Cadmium	108-1	0.05	0.18	0.17	0.13	52.87	ppb
Calcium	43-1	21985.39	21824.64	22151.73	21987.25	0.74	ppb
Calcium	44-1	22587.21	22641.98	23148.07	22792.42	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.37	1.42	1.32	1.37	3.76	ppb
Cobalt	59-2	0.89	0.80	0.88	0.86	5.41	ppb
Copper	63-2	0.78	0.72	0.84	0.78	7.56	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
Gold	197-1	297.60	109.79	-58.60	116.26	153.26	ppb
Gold	197-2	-10.81	21.33	-10.81	-0.09		ppb
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	4101.35	4070.86	4133.97	4102.06	0.77	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022D	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:57:07	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	3942.74	3973.03	3936.40	3950.72	0.50	ppb
Iron	54-2	3923.94	3968.06	3950.42	3947.47	0.56	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.93	0.90	0.94	4.47	ppb
Lead	207-1	0.87	0.86	0.86	0.86	1.18	ppb
Lead	208-1	0.94	0.89	0.91	0.92	2.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	7259.04	7320.88	7259.05	7279.66	0.49	ppb
Manganese	55-2	312.71	327.86	324.46	321.67	2.47	ppb
Molybdenum	94-1	0.23	0.22	0.38	0.28	33.25	ppb
Molybdenum	95-1	0.16	0.20	0.23	0.20	19.38	ppb
Molybdenum	96-1	0.18	0.21	0.25	0.21	16.86	ppb
Molybdenum	97-1	0.13	0.17	0.16	0.15	14.24	ppb
Molybdenum	98-1	0.15	0.13	0.13	0.14	9.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.45	2.20	2.38	2.34	5.59	ppb
Phosphorus	31-2	376.98	356.46	402.08	378.51	6.04	ppb
Potassium	39-2	3597.27	3631.05	3671.23	3633.18	1.02	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	0.50	-0.26	-0.26	-0.01		ppb
Selenium	78-2	-0.10	-0.69	0.91	0.04	2051.20	ppb
Selenium	82-1	0.06	0.70	0.64	0.47	75.30	ppb
Silicon	28-1	2331.64	2257.78	2324.05	2304.49	1.76	ppb
Silver	107-1	0.81	0.98	1.64	1.14	38.70	ppb
Silver	109-1	0.84	0.98	1.56	1.13	33.89	ppb
Sodium	23-2	6871.29	6869.21	6959.05	6899.85	0.74	ppb
Strontium	86-1	235.25	225.71	225.46	228.80	2.44	ppb
Strontium	88-1	239.38	231.18	237.12	235.90	1.80	ppb
Sulfur	34-1	1084.61	1186.00	1348.24	1206.28	11.02	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.27	0.25	0.25	0.26	4.90	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022D	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:57:07	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.27	0.26	0.26	0.26	1.83	ppb
Tin	118-1	0.58	0.63	0.59	0.60	4.47	ppb
Titanium	47-1	5.85	6.37	6.02	6.08	4.37	ppb
Uranium	238-1	0.04	0.03	0.04	0.04	23.91	ppb
Vanadium	51-2	0.46	0.45	0.51	0.47	7.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	26.06	26.68	26.78	26.51	1.46	ppb
Zirconium	90-1	0.05	0.07	0.17	0.10	63.15	ppb
Zirconium	91-1	0.03	0.11	0.14	0.09	61.47	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022L	Dilution Factor :	5
Date & Time Acquired :	2022-09-09 14:00:14	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.07	15.63	15.95	15.88	1.40	ppb
Antimony	121-1	0.02	0.00	0.01	0.01	82.58	ppb
Arsenic	75-2	0.72	0.68	0.67	0.69	3.20	ppb
Barium	135-1	46.53	45.68	42.03	44.75	5.34	ppb
Barium	137-1	45.90	47.06	44.23	45.73	3.11	ppb
Beryllium	9-1	0.08	0.07	0.08	0.08	8.12	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	9.98	10.76	10.27	10.33	3.82	ppb
Boron	11-1	11.38	11.76	11.01	11.38	3.27	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.22	-0.58	-0.49	-0.43		ppb
Cadmium	106-1	-3.25	-7.38	-6.24	-5.62		ppb
Cadmium	108-1	0.02	0.12	-0.02	0.04	183.70	ppb
Calcium	43-1	4217.53	4297.48	4082.48	4199.16	2.59	ppb
Calcium	44-1	4353.73	4390.34	4303.28	4349.12	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.33	0.30	0.36	0.33	8.49	ppb
Cobalt	59-2	0.18	0.18	0.18	0.18	1.34	ppb
Copper	63-2	0.29	0.36	0.25	0.30	18.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-58.60	107.56	114.72	54.56	179.74	ppb
Gold	197-2	19.42	-10.81	-10.81	-0.73		ppb
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	805.66	774.36	796.51	792.18	2.03	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022L	Dilution Factor :	5
Date & Time Acquired :	2022-09-09 14:00:14	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	807.98	761.37	810.17	793.17	3.48	ppb
Iron	54-2	782.02	797.77	790.56	790.12	1.00	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.16	0.21	0.18	16.51	ppb
Lead	207-1	0.20	0.17	0.17	0.18	10.33	ppb
Lead	208-1	0.18	0.17	0.18	0.18	4.33	ppb
Lithium	6-1				101		%
Magnesium	24-2	1382.36	1412.80	1409.67	1401.61	1.19	ppb
Manganese	55-2	64.50	64.39	63.59	64.16	0.78	ppb
Molybdenum	94-1	0.12	0.11	0.14	0.13	11.08	ppb
Molybdenum	95-1	0.09	0.08	0.08	0.08	9.64	ppb
Molybdenum	96-1	0.11	0.09	0.07	0.09	24.79	ppb
Molybdenum	97-1	0.10	0.09	0.08	0.09	11.79	ppb
Molybdenum	98-1	0.09	0.06	0.08	0.08	15.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.47	0.37	0.43	12.04	ppb
Phosphorus	31-2	70.43	66.29	81.71	72.81	10.97	ppb
Potassium	39-2	727.21	718.25	713.82	719.76	0.95	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				98		%
Selenium	77-2	-0.26	-0.26	0.53	0.01	7766.57	ppb
Selenium	78-2	-0.54	-0.02	1.28	0.24	393.92	ppb
Selenium	82-1	-0.06	0.53	0.14	0.20	145.62	ppb
Silicon	28-1	442.64	451.23	421.43	438.43	3.50	ppb
Silver	107-1	2.38	3.09	4.17	3.21	27.98	ppb
Silver	109-1	2.45	3.19	4.30	3.31	28.10	ppb
Sodium	23-2	1340.27	1331.24	1345.95	1339.15	0.55	ppb
Strontium	86-1	45.38	46.24	46.71	46.11	1.46	ppb
Strontium	88-1	45.66	47.07	46.42	46.38	1.53	ppb
Sulfur	34-1	-1849.92	-1567.33	-1961.80	-1793.02		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.17	0.14	0.13	0.15	14.96	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022L	Dilution Factor :	5
Date & Time Acquired :	2022-09-09 14:00:14	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.15	0.14	0.16	0.15	4.70	ppb
Tin	118-1	0.18	0.22	0.17	0.19	13.36	ppb
Titanium	47-1	0.99	1.28	1.10	1.12	13.14	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	60.59	ppb
Vanadium	51-2	0.06	0.09	0.06	0.07	23.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	5.16	5.64	5.69	5.50	5.30	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	37.78	ppb
Zirconium	91-1	0.02	0.04	0.04	0.03	38.85	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:09:15	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52358.90	54684.52	50050.42	52364.62	4.42	ppb
Antimony	121-1	461.75	459.77	473.87	465.13	1.64	ppb
Arsenic	75-2	485.82	503.86	451.49	480.39	5.54	ppb
Barium	135-1	2518.90	2405.69	2509.19	2477.93	2.53	ppb
Barium	137-1	2393.34	2365.43	2355.19	2371.32	0.83	ppb
Beryllium	9-1	476.39	492.18	466.68	478.42	2.69	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	464.29	484.81	469.40	472.83	2.26	ppb
Boron	11-1	476.32	504.28	478.08	486.23	3.22	ppb
Bromine	81-1						cps
Cadmium	111-1	467.38	441.17	456.07	454.87	2.89	ppb
Cadmium	106-1	469.91	455.55	451.12	458.86	2.14	ppb
Cadmium	108-1	469.41	446.63	450.88	455.64	2.66	ppb
Calcium	43-1	252769.14	245138.20	248707.51	248871.61	1.53	ppb
Calcium	44-1	242411.06	250691.61	251599.32	248234.00	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.99	510.14	450.54	482.22	6.22	ppb
Cobalt	59-2	512.34	522.10	465.00	499.81	6.11	ppb
Copper	63-2	5030.46	5076.52	4707.20	4938.06	4.08	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
Gold	197-1	675.43	487.11	293.30	485.28	39.37	ppb
Gold	197-2	337.42	276.31	383.35	332.36	16.16	ppb
Holmium	165-1				112		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	123939.45	130309.56	119121.92	124456.97	4.51	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:09:15	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	126948.76	131141.00	120336.59	126142.12	4.32	ppb
Iron	54-2	124708.49	134177.69	119897.05	126261.08	5.75	ppb
Krypton	83-1						cps
Lead	206-1	2532.60	2494.18	2441.39	2489.39	1.84	ppb
Lead	207-1	2511.45	2508.46	2464.00	2494.64	1.07	ppb
Lead	208-1	2479.28	2518.29	2477.91	2491.82	0.92	ppb
Lithium	6-1				105		%
Magnesium	24-2	259112.73	262626.52	244304.79	255348.01	3.81	ppb
Manganese	55-2	5003.54	5296.36	4657.66	4985.85	6.41	ppb
Molybdenum	94-1	4642.81	4785.05	4790.44	4739.44	1.77	ppb
Molybdenum	95-1	4699.46	4855.10	4807.91	4787.49	1.67	ppb
Molybdenum	96-1	4785.40	4832.06	4881.04	4832.83	0.99	ppb
Molybdenum	97-1	4848.38	4658.53	4635.11	4714.01	2.48	ppb
Molybdenum	98-1	4735.95	4717.62	4647.95	4700.50	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.77	497.83	455.53	478.37	4.46	ppb
Phosphorus	31-2	10085.13	10799.31	9446.02	10110.15	6.70	ppb
Potassium	39-2	125496.62	131563.10	119576.41	125545.38	4.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	77-2	468.80	510.22	451.87	476.96	6.29	ppb
Selenium	78-2	471.31	499.78	443.12	471.40	6.01	ppb
Selenium	82-1	436.15	442.41	448.29	442.28	1.37	ppb
Silicon	28-1	512.05	502.17	516.90	510.37	1.47	ppb
Silver	107-1	363.63	347.40	346.57	352.54	2.73	ppb
Silver	109-1	356.53	354.07	360.25	356.95	0.87	ppb
Sodium	23-2	260245.45	267280.14	243803.77	257109.79	4.69	ppb
Strontium	86-1	11913.54	11911.82	12022.02	11949.12	0.53	ppb
Strontium	88-1	12160.87	11905.97	12309.14	12125.33	1.68	ppb
Sulfur	34-1	10930.36	10551.05	10785.18	10755.53	1.78	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	517.00	497.97	494.70	503.22	2.39	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:09:15	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	507.58	514.21	505.99	509.26	0.86	ppb
Tin	118-1	501.49	494.58	510.90	502.33	1.63	ppb
Titanium	47-1	4854.24	4723.67	4886.68	4821.53	1.79	ppb
Uranium	238-1	509.42	515.11	501.56	508.70	1.34	ppb
Vanadium	51-2	492.88	511.82	465.42	490.04	4.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				101		%
Zinc	66-2	4696.35	4882.35	4405.98	4661.56	5.15	ppb
Zirconium	90-1	484.42	490.06	487.66	487.38	0.58	ppb
Zirconium	91-1	463.70	473.06	486.88	474.55	2.46	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:20:47	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.45	0.61	0.22	0.76	82.88	ppb
Antimony	121-1	0.02	0.04	0.05	0.04	41.45	ppb
Arsenic	75-2	0.04	0.01	0.02	0.02	80.77	ppb
Barium	135-1	0.01	0.00	0.06	0.02	165.32	ppb
Barium	137-1	0.01	0.03	0.05	0.03	64.61	ppb
Beryllium	9-1	0.10	0.09	0.09	0.09	8.94	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	5.12	4.86	5.15	5.05	3.16	ppb
Boron	11-1	5.79	5.56	5.54	5.63	2.50	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.66	-0.48	-0.53	-0.56		ppb
Cadmium	106-1	-8.39	-6.44	-7.23	-7.36		ppb
Cadmium	108-1	0.08	0.05	-0.09	0.02	552.14	ppb
Calcium	43-1	1.25	-0.48	-0.73	0.01	7635.31	ppb
Calcium	44-1	-1.85	-3.07	-1.92	-2.28		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.02	0.05	0.04	46.24	ppb
Cobalt	59-2	0.03	0.00	0.00	0.01	162.56	ppb
Copper	63-2	0.27	0.20	0.14	0.20	33.82	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
Gold	197-1	268.11	109.15	444.20	273.82	61.21	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	2.24	0.35	0.47	1.02	103.74	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:20:47	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	2.39	-0.02	0.83	1.07	114.74	ppb
Iron	54-2	3.47	0.07	1.17	1.57	110.41	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.05	0.05	12.49	ppb
Lead	207-1	0.09	0.08	0.07	0.08	14.61	ppb
Lead	208-1	0.09	0.06	0.07	0.07	15.35	ppb
Lithium	6-1				104		%
Magnesium	24-2	5.19	1.42	0.28	2.30	112.10	ppb
Manganese	55-2	0.21	0.08	0.08	0.12	59.22	ppb
Molybdenum	94-1	0.19	0.10	0.14	0.15	32.47	ppb
Molybdenum	95-1	0.18	0.20	0.17	0.18	6.59	ppb
Molybdenum	96-1	0.15	0.13	0.18	0.15	18.10	ppb
Molybdenum	97-1	0.19	0.14	0.17	0.17	13.78	ppb
Molybdenum	98-1	0.17	0.18	0.15	0.17	8.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.01	0.00	0.01	220.07	ppb
Phosphorus	31-2	-11.09	-16.64	-16.95	-14.89		ppb
Potassium	39-2	-3.19	-0.93	-1.54	-1.89		ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	1.27	-0.26	0.52	0.51	149.39	ppb
Selenium	78-2	-0.80	-0.86	-0.48	-0.71		ppb
Selenium	82-1	0.11	0.46	-0.08	0.17	164.30	ppb
Silicon	28-1	-1.69	-2.57	-2.45	-2.23		ppb
Silver	107-1	2.40	1.40	0.95	1.59	46.82	ppb
Silver	109-1	2.31	1.31	1.00	1.54	44.47	ppb
Sodium	23-2	22.99	23.83	23.29	23.37	1.83	ppb
Strontium	86-1	0.11	0.09	0.20	0.13	44.71	ppb
Strontium	88-1	0.22	0.16	0.15	0.18	19.52	ppb
Sulfur	34-1	-1185.26	-1303.38	-1310.99	-1266.54		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.13	0.13	0.14	6.12	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:20:47	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.15	0.15	0.13	0.14	8.80	ppb
Tin	118-1	0.02	0.03	-0.01	0.01	180.31	ppb
Titanium	47-1	0.20	0.04	0.02	0.08	115.00	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	46.49	ppb
Vanadium	51-2	0.02	0.00	0.00	0.01	134.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	0.13	0.21	0.08	0.14	48.16	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	63.00	ppb
Zirconium	91-1	0.04	0.01	0.02	0.02	68.52	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-02	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:24:48	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.17	8.43	8.64	8.42	2.82	ppb
Antimony	121-1	0.03	0.05	0.05	0.04	34.33	ppb
Arsenic	75-2	2.27	2.38	2.36	2.34	2.67	ppb
Barium	135-1	213.80	191.97	207.41	204.40	5.49	ppb
Barium	137-1	217.49	193.52	207.23	206.08	5.84	ppb
Beryllium	9-1	0.07	0.05	0.06	0.06	14.34	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	35.55	32.23	35.17	34.32	5.30	ppb
Boron	11-1	38.56	36.10	40.17	38.27	5.35	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.73	-0.52	-0.49	-0.58		ppb
Cadmium	106-1	-9.33	-6.33	-6.09	-7.25		ppb
Cadmium	108-1	0.02	0.23	0.39	0.22	84.86	ppb
Calcium	43-1	22275.10	19550.51	21828.20	21217.94	6.89	ppb
Calcium	44-1	22705.33	20401.94	22225.14	21777.47	5.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.12	1.09	1.07	1.10	2.26	ppb
Cobalt	59-2	0.73	0.68	0.70	0.70	3.62	ppb
Copper	63-2	1.23	1.09	1.07	1.13	7.60	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
Gold	197-1	292.40	97.65	-58.60	110.48	159.16	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	2324.83	2298.91	2211.77	2278.50	2.60	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-02	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:24:48	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	2279.97	2203.11	2140.19	2207.75	3.17	ppb
Iron	54-2	2266.52	2177.96	2141.27	2195.25	2.93	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.28	0.33	0.31	9.33	ppb
Lead	207-1	0.33	0.25	0.31	0.30	14.71	ppb
Lead	208-1	0.34	0.26	0.32	0.31	13.12	ppb
Lithium	6-1				105		%
Magnesium	24-2	7536.49	7349.40	7391.04	7425.64	1.32	ppb
Manganese	55-2	304.34	302.38	291.37	299.37	2.34	ppb
Molybdenum	94-1	0.17	0.24	0.29	0.23	25.42	ppb
Molybdenum	95-1	0.23	0.19	0.20	0.21	8.45	ppb
Molybdenum	96-1	0.28	0.17	0.24	0.23	23.71	ppb
Molybdenum	97-1	0.26	0.22	0.20	0.23	12.94	ppb
Molybdenum	98-1	0.17	0.17	0.23	0.19	16.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.49	3.39	3.36	3.41	2.10	ppb
Phosphorus	31-2	193.63	180.29	245.44	206.45	16.67	ppb
Potassium	39-2	3780.87	3749.68	3678.19	3736.25	1.41	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	77-2	-0.26	1.33	1.28	0.79	115.09	ppb
Selenium	78-2	-0.48	-0.74	-0.42	-0.54		ppb
Selenium	82-1	0.20	0.33	0.47	0.33	39.98	ppb
Silicon	28-1	2293.28	2042.46	2238.62	2191.45	6.02	ppb
Silver	107-1	0.06	0.06	0.07	0.07	12.87	ppb
Silver	109-1	0.07	0.06	0.08	0.07	10.52	ppb
Sodium	23-2	7308.49	7137.60	6887.88	7111.32	2.97	ppb
Strontium	86-1	240.34	214.84	234.46	229.88	5.81	ppb
Strontium	88-1	245.66	210.63	234.80	230.36	7.78	ppb
Sulfur	34-1	1862.54	437.59	1454.17	1251.44	58.64	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.14	0.13	0.12	0.13	9.25	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-02	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:24:48	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.14	0.12	0.13	0.13	9.72	ppb
Tin	118-1	0.40	0.34	0.37	0.37	8.15	ppb
Titanium	47-1	1.72	1.25	1.50	1.49	15.94	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	19.65	ppb
Vanadium	51-2	0.04	0.05	0.04	0.04	14.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	24.19	23.04	23.05	23.42	2.82	ppb
Zirconium	90-1	0.01	0.01	0.05	0.03	82.18	ppb
Zirconium	91-1	0.01	0.03	0.07	0.04	92.63	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-03	Instrumnet Name :	P8
Client Sample ID :	MW-11A-11-16-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:27:55	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	114.91	174.57	103.26	130.91	29.22	ppb
Antimony	121-1	0.09	0.10	0.07	0.09	16.79	ppb
Arsenic	75-2	1.28	2.29	1.35	1.64	34.43	ppb
Barium	135-1	78.74	80.88	76.71	78.78	2.65	ppb
Barium	137-1	78.56	80.31	76.19	78.35	2.64	ppb
Beryllium	9-1	0.15	0.15	0.14	0.15	1.71	ppb
Bismuth	209-1				105		%
Bismuth	209-2				91		%
Boron	10-1	55.40	52.62	54.69	54.24	2.66	ppb
Boron	11-1	61.92	60.76	59.09	60.59	2.35	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.44	-0.28	-0.39	-0.37		ppb
Cadmium	106-1	-7.53	-5.46	-5.81	-6.26		ppb
Cadmium	108-1	0.23	-0.01	0.54	0.25	110.06	ppb
Calcium	43-1	30263.50	30796.95	29096.30	30052.25	2.89	ppb
Calcium	44-1	29843.50	31192.48	28736.29	29924.09	4.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.03	1.71	1.07	1.27	29.97	ppb
Cobalt	59-2	6.47	9.91	6.49	7.62	25.95	ppb
Copper	63-2	2.24	3.70	2.19	2.71	31.73	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
Gold	197-1	117.15	-58.60	-58.60	-0.02		ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				105		%
Holmium	165-2				94		%
Indium	115-1				104		%
Indium	115-2				90		%
Iron	56-2	931.03	1378.04	901.43	1070.17	24.95	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-03	Instrumnet Name :	P8
Client Sample ID :	MW-11A-11-16-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:27:55	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	928.31	1414.52	920.79	1087.87	26.01	ppb
Iron	54-2	867.67	1346.51	881.89	1032.02	26.40	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.91	0.81	0.86	5.56	ppb
Lead	207-1	0.89	0.82	0.89	0.87	4.84	ppb
Lead	208-1	0.87	0.86	0.84	0.86	2.34	ppb
Lithium	6-1				104		%
Magnesium	24-2	15645.26	23702.51	15268.71	18205.49	26.17	ppb
Manganese	55-2	618.62	940.03	611.42	723.36	25.95	ppb
Molybdenum	94-1	0.36	0.39	0.41	0.39	6.97	ppb
Molybdenum	95-1	0.27	0.23	0.22	0.24	10.90	ppb
Molybdenum	96-1	0.27	0.26	0.23	0.25	8.84	ppb
Molybdenum	97-1	0.24	0.22	0.25	0.24	6.72	ppb
Molybdenum	98-1	0.20	0.18	0.22	0.20	9.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.07	36.56	24.07	28.57	24.30	ppb
Phosphorus	31-2	154.76	322.85	118.96	198.86	54.74	ppb
Potassium	39-2	3594.11	5460.27	3518.13	4190.84	26.25	ppb
Rhodium	103-1				104		%
Rhodium	103-2				93		%
Scandium	45-1				107		%
Scandium	45-2				92		%
Selenium	77-2	-0.26	0.87	0.48	0.36	157.15	ppb
Selenium	78-2	-1.60	1.68	-0.11	-0.01		ppb
Selenium	82-1	0.74	0.70	0.67	0.70	4.69	ppb
Silicon	28-1	2122.00	2150.76	2023.02	2098.59	3.19	ppb
Silver	107-1	0.03	0.05	0.06	0.05	31.61	ppb
Silver	109-1	0.04	0.06	0.05	0.05	12.53	ppb
Sodium	23-2	43434.83	61548.17	41465.34	48816.11	22.68	ppb
Strontium	86-1	335.70	356.51	329.25	340.49	4.18	ppb
Strontium	88-1	350.55	352.64	341.71	348.30	1.67	ppb
Sulfur	34-1	18811.75	18984.89	17500.19	18432.28	4.40	ppb
Terbium	159-1				102		%
Terbium	159-2				93		%
Thallium	203-1	0.18	0.14	0.15	0.16	12.27	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-03	Instrumnet Name :	P8
Client Sample ID :	MW-11A-11-16-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:27:55	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.14	0.16	0.14	0.15	7.58	ppb
Tin	118-1	0.14	0.14	0.13	0.14	4.75	ppb
Titanium	47-1	3.18	3.14	3.55	3.29	6.84	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	20.13	ppb
Vanadium	51-2	0.62	1.06	0.65	0.78	31.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				92		%
Zinc	66-2	32.11	47.31	31.24	36.89	24.51	ppb
Zirconium	90-1	0.14	0.11	0.13	0.13	11.02	ppb
Zirconium	91-1	0.13	0.14	0.18	0.15	16.58	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-04	Instrumnet Name :	P8
Client Sample ID :	MW-11A-11-16-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:31:00	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.98	52.63	49.95	50.52	3.74	ppb
Antimony	121-1	0.07	0.06	0.06	0.06	6.38	ppb
Arsenic	75-2	1.23	1.31	1.14	1.23	6.69	ppb
Barium	135-1	80.53	75.67	69.56	75.25	7.31	ppb
Barium	137-1	82.41	76.83	70.69	76.64	7.65	ppb
Beryllium	9-1	0.15	0.13	0.14	0.14	7.83	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Boron	10-1	56.59	55.07	51.39	54.35	4.92	ppb
Boron	11-1	62.24	61.08	55.86	59.73	5.69	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.42	-0.53	-0.43	-0.46		ppb
Cadmium	106-1	-5.95	-7.64	-5.72	-6.43		ppb
Cadmium	108-1	0.29	0.14	0.00	0.14	103.69	ppb
Calcium	43-1	31669.77	29622.58	26228.06	29173.47	9.42	ppb
Calcium	44-1	32622.03	29896.08	26542.88	29687.00	10.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.77	0.88	0.75	0.80	8.53	ppb
Cobalt	59-2	6.40	6.66	6.23	6.43	3.40	ppb
Copper	63-2	0.41	0.59	0.47	0.49	19.21	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
Gold	197-1	-58.60	-58.60	-58.60	-58.60		ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				111		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	760.53	813.46	763.82	779.27	3.81	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-04	Instrumnet Name :	P8
Client Sample ID :	MW-11A-11-16-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:31:00	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	769.56	823.36	781.51	791.48	3.57	ppb
Iron	54-2	741.61	796.70	763.64	767.32	3.61	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.21	0.15	0.20	19.18	ppb
Lead	207-1	0.22	0.19	0.15	0.19	17.41	ppb
Lead	208-1	0.23	0.21	0.15	0.20	19.66	ppb
Lithium	6-1				110		%
Magnesium	24-2	14444.91	15893.07	15262.53	15200.17	4.78	ppb
Manganese	55-2	588.36	635.41	598.18	607.32	4.09	ppb
Molybdenum	94-1	0.35	0.33	0.28	0.32	10.54	ppb
Molybdenum	95-1	0.22	0.24	0.17	0.21	17.99	ppb
Molybdenum	96-1	0.26	0.21	0.19	0.22	17.68	ppb
Molybdenum	97-1	0.21	0.20	0.20	0.20	4.32	ppb
Molybdenum	98-1	0.22	0.15	0.18	0.19	19.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.22	24.33	22.83	23.46	3.31	ppb
Phosphorus	31-2	130.67	113.40	90.97	111.68	17.83	ppb
Potassium	39-2	3407.14	3690.47	3474.49	3524.04	4.20	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-0.40	-1.46	-1.09	-0.98		ppb
Selenium	82-1	1.00	0.63	0.56	0.73	32.58	ppb
Silicon	28-1	2198.94	2156.49	1854.91	2070.11	9.06	ppb
Silver	107-1	0.04	0.02	0.02	0.03	45.81	ppb
Silver	109-1	0.03	0.03	0.02	0.03	12.31	ppb
Sodium	23-2	40441.95	43181.91	41543.26	41722.38	3.30	ppb
Strontium	86-1	363.68	338.53	297.39	333.20	10.04	ppb
Strontium	88-1	368.47	345.61	303.19	339.09	9.77	ppb
Sulfur	34-1	20396.87	18065.57	15865.96	18109.46	12.51	ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	0.11	0.10	0.12	0.11	6.45	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-04	Instrumnet Name :	P8
Client Sample ID :	MW-11A-11-16-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:31:00	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.15	0.13	0.09	0.12	24.68	ppb
Tin	118-1	0.15	0.14	0.10	0.13	21.89	ppb
Titanium	47-1	1.73	1.42	1.17	1.44	19.37	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.88	ppb
Vanadium	51-2	0.51	0.65	0.50	0.55	15.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	18.08	19.96	18.07	18.70	5.82	ppb
Zirconium	90-1	0.08	0.08	0.07	0.08	11.86	ppb
Zirconium	91-1	0.11	0.07	0.11	0.10	20.24	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-06	Instrumnet Name :	P8
Client Sample ID :	MW-11B-35-40-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:34:07	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.37	18.63	21.42	20.47	7.80	ppb
Antimony	121-1	0.03	0.01	0.02	0.02	43.36	ppb
Arsenic	75-2	3.05	2.82	2.91	2.93	3.98	ppb
Barium	135-1	271.77	246.62	271.94	263.44	5.53	ppb
Barium	137-1	268.99	251.96	261.68	260.88	3.28	ppb
Beryllium	9-1	0.06	0.05	0.04	0.05	17.35	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	42.80	44.14	45.29	44.08	2.83	ppb
Boron	11-1	47.38	48.25	50.21	48.61	2.98	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.45	-0.43	-0.26	-0.38		ppb
Cadmium	106-1	-5.90	-5.37	-3.36	-4.88		ppb
Cadmium	108-1	-0.09	0.04	0.02	-0.01		ppb
Calcium	43-1	87402.09	89928.07	90042.37	89124.17	1.67	ppb
Calcium	44-1	88065.31	87589.28	89692.07	88448.89	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.37	0.43	0.38	11.92	ppb
Cobalt	59-2	5.65	5.57	5.81	5.68	2.18	ppb
Copper	63-2	0.34	0.36	0.39	0.36	7.06	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
Gold	197-1	-58.60	-58.60	113.68	-1.17		ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	3455.67	3383.50	3476.96	3438.71	1.42	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-06	Instrumnet Name :	P8
Client Sample ID :	MW-11B-35-40-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:34:07	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	3448.43	3384.75	3424.73	3419.30	0.94	ppb
Iron	54-2	3368.72	3253.02	3380.19	3333.98	2.11	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.30	0.29	0.29	3.83	ppb
Lead	207-1	0.24	0.27	0.29	0.27	8.11	ppb
Lead	208-1	0.29	0.31	0.30	0.30	2.95	ppb
Lithium	6-1				105		%
Magnesium	24-2	27237.20	27374.57	27885.04	27498.94	1.24	ppb
Manganese	55-2	2232.24	2236.94	2297.45	2255.54	1.61	ppb
Molybdenum	94-1	0.32	0.43	0.33	0.36	16.83	ppb
Molybdenum	95-1	0.41	0.47	0.44	0.44	7.43	ppb
Molybdenum	96-1	0.37	0.41	0.45	0.41	10.44	ppb
Molybdenum	97-1	0.40	0.34	0.37	0.37	7.66	ppb
Molybdenum	98-1	0.33	0.34	0.36	0.35	4.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.58	1.45	1.40	1.48	6.43	ppb
Phosphorus	31-2	136.71	172.66	163.69	157.68	11.87	ppb
Potassium	39-2	7918.21	7825.13	8066.97	7936.77	1.54	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	-0.26	0.50	0.48	0.24	178.83	ppb
Selenium	78-2	-1.47	-0.24	0.50	-0.40		ppb
Selenium	82-1	0.92	0.39	0.97	0.76	42.45	ppb
Silicon	28-1	2388.59	2362.99	2372.43	2374.67	0.55	ppb
Silver	107-1	4.42	0.02	0.03	1.49	170.11	ppb
Silver	109-1	0.07	0.04	0.03	0.04	43.95	ppb
Sodium	23-2	41869.46	40829.76	41564.81	41421.34	1.29	ppb
Strontium	86-1	924.55	976.48	934.64	945.22	2.91	ppb
Strontium	88-1	932.66	941.68	971.79	948.71	2.16	ppb
Sulfur	34-1	12923.15	12640.00	12791.06	12784.74	1.11	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.07	0.05	0.06	19.77	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-06	Instrumnet Name :	P8
Client Sample ID :	MW-11B-35-40-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:34:07	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.05	0.05	0.06	0.05	11.30	ppb
Tin	118-1	0.05	0.03	0.09	0.06	50.03	ppb
Titanium	47-1	2.38	2.52	2.31	2.40	4.47	ppb
Uranium	238-1	0.15	0.16	0.14	0.15	5.94	ppb
Vanadium	51-2	0.20	0.22	0.17	0.20	12.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	7.56	7.71	7.51	7.59	1.33	ppb
Zirconium	90-1	0.02	0.02	0.04	0.03	39.48	ppb
Zirconium	91-1	0.02	0.03	0.05	0.03	58.49	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-07	Instrumnet Name :	P8
Client Sample ID :	MW-11B-35-40-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:37:08	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.35	2.98	3.16	3.17	5.86	ppb
Antimony	121-1	0.02	0.01	0.02	0.01	52.97	ppb
Arsenic	75-2	2.98	2.87	2.89	2.91	2.01	ppb
Barium	135-1	261.66	305.15	275.75	280.85	7.90	ppb
Barium	137-1	263.89	305.24	284.01	284.38	7.27	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	4.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	39.58	45.69	45.62	43.63	8.03	ppb
Boron	11-1	44.73	52.89	50.99	49.54	8.62	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.56	-0.47	-0.55	-0.53		ppb
Cadmium	106-1	-7.08	-6.06	-6.76	-6.63		ppb
Cadmium	108-1	0.04	-0.04	0.06	0.02	236.17	ppb
Calcium	43-1	88287.85	99722.33	92300.50	93436.89	6.21	ppb
Calcium	44-1	86635.42	99898.69	93233.46	93255.85	7.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.36	0.31	0.33	8.93	ppb
Cobalt	59-2	5.89	6.19	5.46	5.84	6.28	ppb
Copper	63-2	0.42	0.42	0.31	0.38	16.32	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
Gold	197-1	277.24	-58.60	-58.60	53.35	363.47	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	3421.05	3458.79	3225.52	3368.46	3.72	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-07	Instrumnet Name :	P8
Client Sample ID :	MW-11B-35-40-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:37:08	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	3477.93	3439.99	3188.59	3368.84	4.67	ppb
Iron	54-2	3364.06	3359.85	3066.31	3263.41	5.23	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.12	0.07	0.09	29.54	ppb
Lead	207-1	0.06	0.06	0.08	0.07	18.34	ppb
Lead	208-1	0.08	0.10	0.09	0.09	13.44	ppb
Lithium	6-1				102		%
Magnesium	24-2	27850.52	29132.18	26105.54	27696.08	5.49	ppb
Manganese	55-2	2339.30	2407.75	2162.24	2303.10	5.50	ppb
Molybdenum	94-1	0.30	0.34	0.33	0.33	6.99	ppb
Molybdenum	95-1	0.39	0.51	0.51	0.47	14.94	ppb
Molybdenum	96-1	0.41	0.35	0.44	0.40	12.32	ppb
Molybdenum	97-1	0.24	0.36	0.33	0.31	19.49	ppb
Molybdenum	98-1	0.33	0.36	0.34	0.34	4.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.55	1.43	1.41	1.46	5.14	ppb
Phosphorus	31-2	119.86	101.48	76.28	99.20	22.05	ppb
Potassium	39-2	8265.01	8315.20	7676.58	8085.60	4.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	0.50	0.49	-0.26	0.24	179.13	ppb
Selenium	78-2	0.20	-1.12	-0.22	-0.38		ppb
Selenium	82-1	0.61	0.98	0.62	0.74	29.05	ppb
Silicon	28-1	2194.65	2659.20	2470.59	2441.48	9.57	ppb
Silver	107-1	0.02	0.04	0.03	0.03	20.10	ppb
Silver	109-1	0.03	0.04	0.03	0.03	14.50	ppb
Sodium	23-2	41051.31	43448.83	39964.35	41488.16	4.30	ppb
Strontium	86-1	891.37	1057.24	985.30	977.97	8.50	ppb
Strontium	88-1	885.84	1043.03	989.50	972.79	8.21	ppb
Sulfur	34-1	11388.85	14565.62	12974.78	12976.41	12.24	ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.07	0.05	0.05	49.99	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-07	Instrumnet Name :	P8
Client Sample ID :	MW-11B-35-40-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:37:08	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.04	0.04	0.05	0.05	15.51	ppb
Tin	118-1	0.03	0.03	0.02	0.03	19.20	ppb
Titanium	47-1	1.31	1.52	1.66	1.50	11.91	ppb
Uranium	238-1	0.14	0.17	0.14	0.15	9.54	ppb
Vanadium	51-2	0.10	0.09	0.10	0.10	5.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	5.36	5.43	5.44	5.41	0.78	ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	33.30	ppb
Zirconium	91-1	0.03	0.05	0.01	0.03	61.07	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-08	Instrumnet Name :	P8
Client Sample ID :	MW-12A-13-18-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:40:12	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	608.79	610.68	592.32	603.93	1.67	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	14.78	ppb
Arsenic	75-2	0.23	0.25	0.26	0.25	5.90	ppb
Barium	135-1	208.28	280.95	211.23	233.49	17.62	ppb
Barium	137-1	213.49	277.95	209.59	233.68	16.43	ppb
Beryllium	9-1	4.82	5.81	4.71	5.11	11.81	ppb
Bismuth	209-1				96		%
Bismuth	209-2				102		%
Boron	10-1	731.91	914.21	761.91	802.68	12.18	ppb
Boron	11-1	795.74	960.85	827.34	861.31	10.18	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.06	-0.26	-0.05		ppb
Cadmium	106-1	-4.58	-5.98	-7.49	-6.02		ppb
Cadmium	108-1	0.57	0.47	0.34	0.46	24.78	ppb
Calcium	43-1	36346.05	46693.35	36410.17	39816.52	14.96	ppb
Calcium	44-1	38048.11	47490.00	35994.42	40510.84	15.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.38	0.48	0.52	0.46	15.91	ppb
Cobalt	59-2	89.28	89.59	89.66	89.51	0.23	ppb
Copper	63-2	3.72	3.76	3.82	3.77	1.38	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
Gold	197-1	119.34	-58.60	473.21	177.98	152.10	ppb
Gold	197-2	21.38	-10.81	-10.81	-0.08		ppb
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	21271.10	21948.81	21263.25	21494.39	1.83	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-08	Instrumnet Name :	P8
Client Sample ID :	MW-12A-13-18-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:40:12	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	20211.53	20839.58	20069.39	20373.50	2.01	ppb
Iron	54-2	21657.91	22164.15	20748.35	21523.47	3.33	ppb
Krypton	83-1						cps
Lead	206-1	0.93	1.27	1.01	1.07	16.40	ppb
Lead	207-1	0.89	1.10	0.90	0.97	12.27	ppb
Lead	208-1	0.93	1.21	0.94	1.03	15.61	ppb
Lithium	6-1				96		%
Magnesium	24-2	26564.35	26729.36	26694.65	26662.79	0.33	ppb
Manganese	55-2	3461.91	3544.74	3381.44	3462.70	2.36	ppb
Molybdenum	94-1	0.09	0.17	0.14	0.13	30.43	ppb
Molybdenum	95-1	0.22	0.21	0.16	0.20	15.81	ppb
Molybdenum	96-1	0.49	0.58	0.44	0.50	14.87	ppb
Molybdenum	97-1	0.05	0.08	0.08	0.07	23.86	ppb
Molybdenum	98-1	0.06	0.07	0.04	0.06	23.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.76	120.48	115.79	118.01	2.00	ppb
Phosphorus	31-2	16.44	24.11	29.70	23.42	28.42	ppb
Potassium	39-2	4753.93	4703.45	4777.20	4744.86	0.79	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	3.35	2.79	1.95	2.70	26.09	ppb
Selenium	78-2	-0.65	-0.88	-0.35	-0.62		ppb
Selenium	82-1	0.60	1.71	1.45	1.25	46.42	ppb
Silicon	28-1	2258.29	2892.82	2286.21	2479.11	14.46	ppb
Silver	107-1	0.04	0.05	0.04	0.04	13.40	ppb
Silver	109-1	0.05	0.05	0.04	0.05	19.29	ppb
Sodium	23-2	205562.82	208399.64	206453.43	206805.29	0.70	ppb
Strontium	86-1	428.66	539.88	411.77	460.11	15.13	ppb
Strontium	88-1	425.67	537.19	422.01	461.62	14.18	ppb
Sulfur	34-1	11974.06	18518.62	12066.59	14186.42	26.45	ppb
Terbium	159-1				97		%
Terbium	159-2				105		%
Thallium	203-1	0.51	0.70	0.41	0.54	27.74	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-08	Instrumnet Name :	P8
Client Sample ID :	MW-12A-13-18-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:40:12	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.48	0.61	0.44	0.51	17.52	ppb
Tin	118-1	0.08	0.10	0.05	0.07	35.56	ppb
Titanium	47-1	1.51	1.95	1.56	1.67	14.18	ppb
Uranium	238-1	0.09	0.10	0.09	0.09	6.88	ppb
Vanadium	51-2	0.10	0.10	0.14	0.11	18.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	244.52	248.42	242.73	245.22	1.19	ppb
Zirconium	90-1	0.02	0.05	0.05	0.04	49.13	ppb
Zirconium	91-1	0.02	0.03	0.05	0.03	53.02	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-09	Instrumnet Name :	P8
Client Sample ID :	MW-12A-13-18-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:43:13	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	590.31	607.18	602.64	600.04	1.45	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	17.93	ppb
Arsenic	75-2	0.29	0.23	0.28	0.27	10.77	ppb
Barium	135-1	209.83	205.58	204.60	206.67	1.35	ppb
Barium	137-1	212.39	205.37	206.12	207.96	1.86	ppb
Beryllium	9-1	4.79	4.82	4.87	4.83	0.86	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	765.34	775.97	809.72	783.68	2.96	ppb
Boron	11-1	833.54	833.60	845.92	837.69	0.85	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.24	-0.18	-0.13		ppb
Cadmium	106-1	-4.59	-7.34	-6.83	-6.26		ppb
Cadmium	108-1	0.49	0.43	0.37	0.43	13.51	ppb
Calcium	43-1	37444.81	37104.19	36412.66	36987.22	1.42	ppb
Calcium	44-1	37515.10	36996.87	37174.71	37228.89	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.48	0.46	0.46	0.47	2.86	ppb
Cobalt	59-2	90.81	91.10	90.77	90.89	0.20	ppb
Copper	63-2	2.18	2.32	2.21	2.24	3.24	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
Gold	197-1	129.15	-58.60	296.21	122.25	145.20	ppb
Gold	197-2	-10.81	22.39	-10.81	0.26	7428.50	ppb
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	21275.16	21650.86	21696.63	21540.88	1.07	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-09	Instrumnet Name :	P8
Client Sample ID :	MW-12A-13-18-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:43:13	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	20617.77	20479.53	20732.38	20609.89	0.61	ppb
Iron	54-2	21735.78	21256.59	22045.07	21679.15	1.83	ppb
Krypton	83-1						cps
Lead	206-1	0.51	0.53	0.51	0.52	2.17	ppb
Lead	207-1	0.52	0.46	0.47	0.48	6.94	ppb
Lead	208-1	0.52	0.51	0.51	0.51	1.14	ppb
Lithium	6-1				101		%
Magnesium	24-2	26167.39	27904.98	27272.66	27115.01	3.24	ppb
Manganese	55-2	3404.69	3472.44	3583.98	3487.03	2.60	ppb
Molybdenum	94-1	0.08	0.10	0.16	0.11	38.25	ppb
Molybdenum	95-1	0.17	0.16	0.20	0.18	11.89	ppb
Molybdenum	96-1	0.47	0.45	0.38	0.43	11.19	ppb
Molybdenum	97-1	0.05	0.06	0.09	0.07	26.90	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	19.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.18	121.42	120.92	120.17	1.45	ppb
Phosphorus	31-2	25.46	22.40	14.69	20.85	26.60	ppb
Potassium	39-2	4825.84	4987.01	4887.46	4900.10	1.66	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	3.48	4.18	2.81	3.49	19.55	ppb
Selenium	78-2	0.53	-0.19	0.38	0.24	157.97	ppb
Selenium	82-1	0.91	1.19	1.29	1.13	17.04	ppb
Silicon	28-1	2292.23	2378.20	2302.28	2324.23	2.02	ppb
Silver	107-1	0.03	0.04	0.04	0.04	15.59	ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.02	ppb
Sodium	23-2	208701.55	210683.06	207540.73	208975.11	0.76	ppb
Strontium	86-1	434.08	423.23	416.81	424.71	2.06	ppb
Strontium	88-1	425.62	434.65	424.33	428.20	1.31	ppb
Sulfur	34-1	12633.89	12568.14	11989.60	12397.21	2.86	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.51	0.46	0.49	0.49	4.78	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-09	Instrumnet Name :	P8
Client Sample ID :	MW-12A-13-18-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:43:13	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.51	0.51	0.50	0.51	1.30	ppb
Tin	118-1	0.01	0.01	0.02	0.02	34.40	ppb
Titanium	47-1	1.29	1.65	1.50	1.48	12.03	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	4.65	ppb
Vanadium	51-2	0.06	0.06	0.08	0.06	19.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	249.40	251.28	249.43	250.04	0.43	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	165.30	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	21.53	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-10	Instrumnet Name :	P8
Client Sample ID :	MW-14A-15-20-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:46:18	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.08	38.10	42.28	38.49	9.39	ppb
Antimony	121-1	0.03	0.05	0.04	0.04	18.53	ppb
Arsenic	75-2	0.23	0.24	0.13	0.20	29.38	ppb
Barium	135-1	71.40	73.49	82.58	75.82	7.84	ppb
Barium	137-1	70.02	69.91	79.77	73.23	7.73	ppb
Beryllium	9-1	0.05	0.06	0.07	0.06	10.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	100.74	104.20	111.86	105.60	5.39	ppb
Boron	11-1	114.87	117.78	129.90	120.85	6.60	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.39	-0.38	-0.48	-0.41		ppb
Cadmium	106-1	-5.52	-5.16	-6.56	-5.75		ppb
Cadmium	108-1	-0.09	0.07	-0.01	-0.01		ppb
Calcium	43-1	26464.21	25742.57	28965.35	27057.38	6.25	ppb
Calcium	44-1	26413.53	26133.22	29110.66	27219.13	6.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.09	1.35	1.20	1.21	10.72	ppb
Cobalt	59-2	0.20	0.23	0.18	0.20	14.02	ppb
Copper	63-2	0.56	0.76	0.59	0.64	17.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	453.19	276.58	135.72	288.50	55.14	ppb
Gold	197-2	81.96	-10.81	282.10	117.75	127.13	ppb
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	50.54	55.13	50.37	52.01	5.20	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-10	Instrumnet Name :	P8
Client Sample ID :	MW-14A-15-20-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:46:18	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	84.49	86.64	86.17	85.76	1.32	ppb
Iron	54-2	48.74	61.86	47.05	52.55	15.43	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.21	0.28	0.24	15.81	ppb
Lead	207-1	0.22	0.21	0.30	0.24	19.13	ppb
Lead	208-1	0.24	0.22	0.28	0.25	11.54	ppb
Lithium	6-1				102		%
Magnesium	24-2	7517.13	8342.51	7384.57	7748.07	6.70	ppb
Manganese	55-2	2.08	2.29	2.24	2.20	4.88	ppb
Molybdenum	94-1	0.14	0.11	0.14	0.13	14.09	ppb
Molybdenum	95-1	0.07	0.08	0.07	0.07	13.36	ppb
Molybdenum	96-1	0.03	0.04	0.07	0.05	44.80	ppb
Molybdenum	97-1	0.04	0.06	0.08	0.06	32.96	ppb
Molybdenum	98-1	0.05	0.06	0.06	0.06	7.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.73	0.66	0.68	7.14	ppb
Phosphorus	31-2	-14.09	7.45	21.33	4.90	364.52	ppb
Potassium	39-2	6860.09	7957.58	6798.51	7205.39	9.05	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	77-2	1.94	2.29	4.90	3.04	53.10	ppb
Selenium	78-2	0.48	1.35	1.54	1.12	50.58	ppb
Selenium	82-1	0.98	1.21	0.88	1.02	16.87	ppb
Silicon	28-1	303.72	299.80	328.01	310.51	4.92	ppb
Silver	107-1	0.05	0.05	0.03	0.04	22.72	ppb
Silver	109-1	0.05	0.05	0.04	0.05	5.99	ppb
Sodium	23-2	190004.19	210630.73	188347.23	196327.38	6.32	ppb
Strontium	86-1	154.23	157.45	181.81	164.50	9.17	ppb
Strontium	88-1	156.64	161.36	178.76	165.59	7.04	ppb
Sulfur	34-1	11971.33	11407.98	13149.97	12176.42	7.30	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.03	0.09	0.05	83.06	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-10	Instrumnet Name :	P8
Client Sample ID :	MW-14A-15-20-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:46:18	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.04	0.04	0.06	0.05	20.76	ppb
Tin	118-1	0.03	0.03	0.08	0.05	61.33	ppb
Titanium	47-1	0.73	1.15	1.09	0.99	22.94	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.22	ppb
Vanadium	51-2	0.18	0.25	0.24	0.22	17.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	11.46	13.12	11.67	12.09	7.46	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	12.55	ppb
Zirconium	91-1	0.04	0.03	0.04	0.04	15.80	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-11	Instrumnet Name :	P8
Client Sample ID :	MW-14A-15-20-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:49:22	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.26	3.04	2.63	2.64	14.67	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	12.68	ppb
Arsenic	75-2	0.15	0.14	0.16	0.15	9.34	ppb
Barium	135-1	77.92	75.17	81.70	78.26	4.19	ppb
Barium	137-1	79.48	75.18	79.94	78.20	3.36	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	3.28	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	85.07	82.17	84.70	83.98	1.88	ppb
Boron	11-1	99.02	92.65	93.66	95.11	3.60	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.22	-0.48	-0.32	-0.34		ppb
Cadmium	106-1	-3.49	-6.93	-4.81	-5.08		ppb
Cadmium	108-1	-0.02	-0.12	-0.08	-0.07		ppb
Calcium	43-1	27838.02	26888.68	28015.18	27580.62	2.20	ppb
Calcium	44-1	28220.81	27449.00	29439.12	28369.64	3.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.89	0.86	0.85	0.87	2.83	ppb
Cobalt	59-2	0.15	0.18	0.16	0.16	10.26	ppb
Copper	63-2	0.50	0.56	0.51	0.53	5.62	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
Gold	197-1	126.27	643.25	125.35	298.29	100.15	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	6.62	6.58	7.16	6.79	4.82	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-11	Instrumnet Name :	P8
Client Sample ID :	MW-14A-15-20-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:49:22	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	38.65	40.15	38.38	39.06	2.45	ppb
Iron	54-2	7.32	8.81	7.23	7.79	11.39	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.09	0.07	16.72	ppb
Lead	207-1	0.13	0.06	0.09	0.09	38.45	ppb
Lead	208-1	0.10	0.08	0.09	0.09	11.99	ppb
Lithium	6-1				103		%
Magnesium	24-2	7648.84	7194.50	7100.33	7314.56	4.01	ppb
Manganese	55-2	1.27	1.24	1.39	1.30	5.97	ppb
Molybdenum	94-1	0.03	0.00	0.01	0.01	106.70	ppb
Molybdenum	95-1	0.05	0.05	0.07	0.06	15.53	ppb
Molybdenum	96-1	0.03	0.04	0.04	0.04	21.40	ppb
Molybdenum	97-1	0.05	0.05	0.06	0.05	11.64	ppb
Molybdenum	98-1	0.06	0.03	0.05	0.05	28.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.40	0.51	0.48	15.73	ppb
Phosphorus	31-2	4.80	-9.16	-4.52	-2.96		ppb
Potassium	39-2	7122.15	6723.66	6788.11	6877.98	3.11	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	2.65	0.44	3.27	2.12	70.11	ppb
Selenium	78-2	0.93	-0.13	1.59	0.80	109.00	ppb
Selenium	82-1	1.10	0.96	1.09	1.05	7.48	ppb
Silicon	28-1	318.37	296.74	324.86	313.32	4.70	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.82	ppb
Silver	109-1	0.03	0.03	0.04	0.03	17.31	ppb
Sodium	23-2	190555.91	184261.22	179513.27	184776.80	3.00	ppb
Strontium	86-1	171.11	170.82	169.81	170.58	0.40	ppb
Strontium	88-1	174.66	171.55	173.44	173.21	0.91	ppb
Sulfur	34-1	12587.00	11506.08	12604.61	12232.56	5.14	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.05	0.02	0.04	44.16	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-11	Instrumnet Name :	P8
Client Sample ID :	MW-14A-15-20-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:49:22	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.05	0.03	0.03	0.04	30.30	ppb
Tin	118-1	0.07	0.04	0.05	0.05	34.73	ppb
Titanium	47-1	0.42	0.47	0.64	0.51	22.85	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.65	ppb
Vanadium	51-2	0.13	0.08	0.10	0.10	21.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	11.72	11.48	10.98	11.39	3.30	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	67.68	ppb
Zirconium	91-1	0.01	0.01	0.03	0.02	48.10	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-13	Instrumnet Name :	P8
Client Sample ID :	MW-12B-45-50-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:52:29	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	206.22	193.88	216.94	205.68	5.61	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	13.37	ppb
Arsenic	75-2	0.37	0.31	0.29	0.32	13.23	ppb
Barium	135-1	564.76	502.81	496.14	521.24	7.26	ppb
Barium	137-1	544.28	505.14	488.83	512.75	5.56	ppb
Beryllium	9-1	2.25	2.10	1.99	2.11	6.28	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	425.59	435.97	420.49	427.35	1.85	ppb
Boron	11-1	461.58	478.30	442.97	460.95	3.83	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.31	-0.62	-0.63	-0.52		ppb
Cadmium	106-1	-3.82	-7.72	-8.08	-6.54		ppb
Cadmium	108-1	0.08	0.02	-0.09	0.00	2558.54	ppb
Calcium	43-1	108564.50	103361.28	100038.03	103987.93	4.13	ppb
Calcium	44-1	114323.04	105794.02	97692.84	105936.63	7.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.77	0.75	0.88	0.80	8.53	ppb
Cobalt	59-2	33.82	32.11	34.98	33.64	4.29	ppb
Copper	63-2	10.39	9.82	11.05	10.42	5.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	140.60	324.15	-58.60	135.38	141.40	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	114207.54	107714.81	118662.66	113528.34	4.85	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-13	Instrumnet Name :	P8
Client Sample ID :	MW-12B-45-50-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:52:29	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	114419.37	107021.65	116260.36	112567.12	4.34	ppb
Iron	54-2	115724.26	106710.10	120657.20	114363.85	6.18	ppb
Krypton	83-1						cps
Lead	206-1	5.02	4.87	4.57	4.82	4.75	ppb
Lead	207-1	4.53	4.68	4.25	4.49	4.85	ppb
Lead	208-1	4.79	4.73	4.39	4.63	4.70	ppb
Lithium	6-1				102		%
Magnesium	24-2	44008.45	41044.08	44624.10	43225.55	4.43	ppb
Manganese	55-2	7826.23	7203.55	7918.89	7649.55	5.09	ppb
Molybdenum	94-1	0.60	0.38	0.40	0.46	26.33	ppb
Molybdenum	95-1	0.54	0.51	0.44	0.50	9.84	ppb
Molybdenum	96-1	2.65	2.42	2.38	2.48	5.79	ppb
Molybdenum	97-1	0.29	0.29	0.26	0.28	7.29	ppb
Molybdenum	98-1	0.19	0.20	0.17	0.19	8.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.99	38.84	43.25	41.02	5.37	ppb
Phosphorus	31-2	205.02	222.61	224.00	217.21	4.87	ppb
Potassium	39-2	7422.01	7090.64	7800.85	7437.83	4.78	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-0.41	-0.79	-0.87	-0.69		ppb
Selenium	82-1	0.67	1.22	1.19	1.03	30.37	ppb
Silicon	28-1	2734.60	2539.48	2466.68	2580.25	5.37	ppb
Silver	107-1	0.04	0.04	0.02	0.03	25.98	ppb
Silver	109-1	0.04	0.05	0.04	0.04	12.10	ppb
Sodium	23-2	106359.99	98304.93	106831.01	103831.97	4.62	ppb
Strontium	86-1	1374.93	1286.01	1211.47	1290.80	6.34	ppb
Strontium	88-1	1345.05	1280.53	1211.08	1278.89	5.24	ppb
Sulfur	34-1	8503.27	7202.00	6551.65	7418.97	13.39	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.10	0.07	0.09	19.55	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-13	Instrumnet Name :	P8
Client Sample ID :	MW-12B-45-50-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:52:29	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.10	0.08	0.08	0.09	12.13	ppb
Tin	118-1	0.34	0.31	0.27	0.31	10.14	ppb
Titanium	47-1	6.99	7.20	6.03	6.74	9.24	ppb
Uranium	238-1	0.03	0.04	0.03	0.04	6.75	ppb
Vanadium	51-2	1.17	1.10	1.27	1.18	7.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	17.78	15.51	17.85	17.05	7.81	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	25.23	ppb
Zirconium	91-1	0.04	0.05	0.06	0.05	19.53	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:04:02	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54512.87	49778.91	47399.07	50563.62	7.16	ppb
Antimony	121-1	473.44	461.71	482.03	472.39	2.16	ppb
Arsenic	75-2	486.39	481.27	438.97	468.88	5.55	ppb
Barium	135-1	2519.71	2464.41	2425.56	2469.89	1.92	ppb
Barium	137-1	2420.48	2435.76	2423.19	2426.48	0.34	ppb
Beryllium	9-1	469.37	460.01	462.18	463.85	1.06	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	482.97	478.40	486.75	482.71	0.87	ppb
Boron	11-1	485.59	477.24	491.93	484.92	1.52	ppb
Bromine	81-1						cps
Cadmium	111-1	461.90	452.37	443.04	452.44	2.08	ppb
Cadmium	106-1	469.70	443.18	456.82	456.57	2.90	ppb
Cadmium	108-1	471.22	461.82	467.22	466.75	1.01	ppb
Calcium	43-1	256727.24	248202.80	231589.07	245506.37	5.21	ppb
Calcium	44-1	251362.78	252816.19	242426.01	248868.32	2.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.90	470.13	441.66	468.90	5.68	ppb
Cobalt	59-2	503.84	478.04	465.86	482.58	4.02	ppb
Copper	63-2	5041.35	4616.08	4438.77	4698.74	6.59	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
Gold	197-1	491.33	306.90	1553.72	783.98	85.84	ppb
Gold	197-2	403.56	354.00	364.88	374.15	6.96	ppb
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	132205.09	123418.19	118988.03	124870.44	5.39	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:04:02	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	130044.66	123403.43	120514.80	124654.30	3.92	ppb
Iron	54-2	133856.17	122837.80	120782.09	125825.35	5.59	ppb
Krypton	83-1						cps
Lead	206-1	2467.20	2582.66	2428.08	2492.65	3.22	ppb
Lead	207-1	2478.52	2508.95	2430.61	2472.69	1.60	ppb
Lead	208-1	2474.20	2545.11	2449.81	2489.71	1.99	ppb
Lithium	6-1				106		%
Magnesium	24-2	263028.58	251142.93	237050.41	250407.31	5.19	ppb
Manganese	55-2	5212.61	4852.73	4585.32	4883.55	6.45	ppb
Molybdenum	94-1	4946.91	4868.05	4679.07	4831.34	2.85	ppb
Molybdenum	95-1	5008.73	4771.17	4536.15	4772.02	4.95	ppb
Molybdenum	96-1	4872.40	4959.34	4775.33	4869.03	1.89	ppb
Molybdenum	97-1	4848.26	4834.96	4651.87	4778.36	2.30	ppb
Molybdenum	98-1	4887.33	4814.23	4582.51	4761.36	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.86	465.76	450.58	469.40	4.45	ppb
Phosphorus	31-2	10637.99	9667.90	9184.62	9830.17	7.53	ppb
Potassium	39-2	130677.89	118667.94	114720.09	121355.31	6.85	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	77-2	498.31	480.22	434.02	470.85	7.04	ppb
Selenium	78-2	489.66	481.84	432.49	467.99	6.62	ppb
Selenium	82-1	459.18	456.43	432.57	449.39	3.26	ppb
Silicon	28-1	515.20	493.77	480.53	496.50	3.52	ppb
Silver	107-1	448.21	419.99	425.04	431.08	3.49	ppb
Silver	109-1	436.86	449.41	418.15	434.81	3.62	ppb
Sodium	23-2	260736.01	253886.49	232923.87	249182.12	5.82	ppb
Strontium	86-1	12159.90	12506.54	11434.41	12033.62	4.55	ppb
Strontium	88-1	12442.73	12411.06	11781.11	12211.63	3.06	ppb
Sulfur	34-1	11056.35	10454.36	9667.26	10392.66	6.70	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	513.84	499.48	499.25	504.19	1.66	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:04:02	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	492.66	510.50	498.79	500.65	1.81	ppb
Tin	118-1	496.16	503.35	491.70	497.07	1.18	ppb
Titanium	47-1	4979.22	4680.78	4610.35	4756.78	4.12	ppb
Uranium	238-1	517.92	514.70	521.00	517.87	0.61	ppb
Vanadium	51-2	506.87	487.02	450.61	481.50	5.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	4607.75	4443.37	4219.15	4423.42	4.41	ppb
Zirconium	90-1	514.98	492.29	467.82	491.70	4.80	ppb
Zirconium	91-1	491.19	475.36	470.12	478.89	2.29	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:07:00	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	0.76	0.41	0.36	118.77	ppb
Antimony	121-1	0.14	0.26	0.30	0.23	36.67	ppb
Arsenic	75-2	0.03	0.01	0.00	0.01	129.76	ppb
Barium	135-1	-0.01	0.01	0.01	0.00	200.37	ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	5.25	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Boron	10-1	35.26	32.88	30.39	32.84	7.42	ppb
Boron	11-1	37.57	35.58	33.21	35.45	6.16	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.49	-0.32	-0.67	-0.49		ppb
Cadmium	106-1	-6.46	-4.21	-8.66	-6.45		ppb
Cadmium	108-1	0.11	0.11	0.14	0.12	17.46	ppb
Calcium	43-1	-1.98	-1.06	-4.41	-2.49		ppb
Calcium	44-1	-6.72	-6.18	-8.45	-7.12		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.04	0.06	0.05	15.65	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.14	0.10	0.07	0.10	36.62	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
Gold	197-1	-58.60	103.46	103.14	49.33	189.48	ppb
Gold	197-2	18.73	-10.81	-10.81	-0.96		ppb
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	0.42	0.84	0.64	0.63	32.96	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:07:00	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	0.61	0.24	0.52	0.46	41.88	ppb
Iron	54-2	2.29	0.49	0.27	1.02	108.82	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.02	0.03	44.85	ppb
Lead	207-1	0.06	0.06	0.06	0.06	5.09	ppb
Lead	208-1	0.04	0.05	0.04	0.04	16.84	ppb
Lithium	6-1				111		%
Magnesium	24-2	0.40	1.61	0.83	0.95	64.57	ppb
Manganese	55-2	0.08	0.06	0.06	0.07	15.75	ppb
Molybdenum	94-1	0.88	0.70	0.61	0.73	18.91	ppb
Molybdenum	95-1	1.00	0.91	0.84	0.92	8.91	ppb
Molybdenum	96-1	1.01	0.85	0.80	0.89	12.65	ppb
Molybdenum	97-1	1.04	0.94	0.72	0.90	17.65	ppb
Molybdenum	98-1	1.00	0.80	0.82	0.87	13.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.01	0.00	663.25	ppb
Phosphorus	31-2	-24.16	-14.84	-15.02	-18.01		ppb
Potassium	39-2	6.57	2.62	15.14	8.11	78.93	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-0.25	-0.56	-0.57	-0.46		ppb
Selenium	82-1	0.15	0.42	0.35	0.31	44.67	ppb
Silicon	28-1	-1.71	-2.54	-3.09	-2.45		ppb
Silver	107-1	0.38	0.19	0.14	0.24	53.11	ppb
Silver	109-1	0.31	0.19	0.14	0.21	41.53	ppb
Sodium	23-2	69.62	73.20	70.66	71.16	2.59	ppb
Strontium	86-1	0.02	0.12	0.01	0.05	129.69	ppb
Strontium	88-1	0.04	0.07	0.03	0.05	42.09	ppb
Sulfur	34-1	-1858.32	-2004.39	-2074.38	-1979.03		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.08	0.07	0.08	0.08	6.13	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:07:00	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.11	0.08	0.10	0.09	17.34	ppb
Tin	118-1	0.06	0.08	0.01	0.05	73.04	ppb
Titanium	47-1	0.12	0.06	0.09	0.09	34.55	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	30.09	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	155.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	0.18	0.08	-0.07	0.06	192.27	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	591.47	ppb
Zirconium	91-1	0.01	0.01	0.05	0.02	89.98	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-14	Instrumnet Name :	P8
Client Sample ID :	MW-12B-45-50-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:10:08	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.22	8.07	7.48	7.92	4.95	ppb
Antimony	121-1	0.07	0.08	0.09	0.08	14.73	ppb
Arsenic	75-2	0.14	0.11	0.15	0.13	15.46	ppb
Barium	135-1	495.47	479.69	478.81	484.66	1.93	ppb
Barium	137-1	509.32	481.98	491.86	494.38	2.80	ppb
Beryllium	9-1	1.90	1.73	1.78	1.80	5.03	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	439.26	422.25	443.08	434.86	2.55	ppb
Boron	11-1	479.63	462.38	483.39	475.13	2.36	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.72	-0.52	-0.57	-0.60		ppb
Cadmium	106-1	-9.23	-6.63	-7.29	-7.71		ppb
Cadmium	108-1	-0.08	-0.09	-0.02	-0.06		ppb
Calcium	43-1	107494.96	95778.16	104244.72	102505.95	5.90	ppb
Calcium	44-1	108667.24	97876.69	102508.10	103017.35	5.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.42	0.37	0.40	5.64	ppb
Cobalt	59-2	32.93	30.93	31.47	31.78	3.25	ppb
Copper	63-2	3.81	3.62	3.38	3.60	5.98	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
Gold	197-1	-58.60	293.29	-58.60	58.70	346.13	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	113303.24	107065.72	104500.18	108289.71	4.18	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-14	Instrumnet Name :	P8
Client Sample ID :	MW-12B-45-50-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:10:08	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	112450.58	107506.92	106400.07	108785.86	2.96	ppb
Iron	54-2	110959.45	108760.73	102473.19	107397.79	4.10	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.27	0.25	0.27	8.38	ppb
Lead	207-1	0.29	0.28	0.24	0.27	9.38	ppb
Lead	208-1	0.30	0.28	0.26	0.28	8.65	ppb
Lithium	6-1				103		%
Magnesium	24-2	42309.03	41669.35	41012.93	41663.77	1.56	ppb
Manganese	55-2	7600.35	7337.08	7147.61	7361.68	3.09	ppb
Molybdenum	94-1	0.63	0.52	0.62	0.59	10.30	ppb
Molybdenum	95-1	0.68	0.71	0.73	0.71	3.71	ppb
Molybdenum	96-1	2.53	2.52	2.57	2.54	1.17	ppb
Molybdenum	97-1	0.53	0.55	0.48	0.52	6.36	ppb
Molybdenum	98-1	0.44	0.41	0.42	0.42	4.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.64	38.24	37.80	38.56	2.49	ppb
Phosphorus	31-2	133.73	152.83	116.57	134.38	13.50	ppb
Potassium	39-2	7194.68	6878.69	6894.47	6989.28	2.55	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	0.48	-0.26	-0.26	-0.01		ppb
Selenium	78-2	-0.59	-1.23	-1.79	-1.20		ppb
Selenium	82-1	1.38	1.19	2.01	1.53	28.34	ppb
Silicon	28-1	2635.36	2361.26	2446.92	2481.18	5.65	ppb
Silver	107-1	0.02	0.03	0.02	0.02	24.68	ppb
Silver	109-1	6.91	0.02	0.02	2.32	171.73	ppb
Sodium	23-2	104165.68	100842.82	95700.76	100236.42	4.25	ppb
Strontium	86-1	1353.12	1239.77	1296.89	1296.59	4.37	ppb
Strontium	88-1	1359.49	1195.47	1294.85	1283.27	6.44	ppb
Sulfur	34-1	7634.32	5741.20	6730.28	6701.93	14.13	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.11	0.11	0.11	0.11	2.02	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-14	Instrumnet Name :	P8
Client Sample ID :	MW-12B-45-50-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:10:08	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.14	0.13	0.13	0.13	5.20	ppb
Tin	118-1	0.08	0.06	0.09	0.08	19.13	ppb
Titanium	47-1	1.84	1.23	1.57	1.54	19.72	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.04	ppb
Vanadium	51-2	0.06	0.05	0.08	0.06	24.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	8.71	7.11	8.08	7.97	10.10	ppb
Zirconium	90-1	0.01	0.01	0.04	0.02	97.78	ppb
Zirconium	91-1	0.01	0.01	0.05	0.02	111.07	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-15	Instrumnet Name :	P8
Client Sample ID :	MW-06-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:13:11	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	383.08	358.54	367.97	369.87	3.35	ppb
Antimony	121-1	0.11	0.15	0.14	0.13	12.10	ppb
Arsenic	75-2	1.22	1.07	1.19	1.16	6.97	ppb
Barium	135-1	73.92	81.75	82.24	79.30	5.89	ppb
Barium	137-1	74.83	82.74	83.79	80.45	6.09	ppb
Beryllium	9-1	0.21	0.23	0.23	0.22	6.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	61.82	66.12	64.05	64.00	3.37	ppb
Boron	11-1	69.33	73.38	72.68	71.80	3.01	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.44	-0.45	-0.59	-0.49		ppb
Cadmium	106-1	-6.53	-6.84	-7.81	-7.06		ppb
Cadmium	108-1	0.12	-0.05	0.19	0.09	145.09	ppb
Calcium	43-1	4055.93	4585.14	4685.18	4442.08	7.61	ppb
Calcium	44-1	4318.32	4824.84	4863.45	4668.87	6.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.56	1.56	1.53	1.55	1.19	ppb
Cobalt	59-2	28.84	26.71	28.10	27.89	3.88	ppb
Copper	63-2	3.57	3.25	3.28	3.37	5.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	102.58	-58.60	113.12	52.37	183.79	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	731.02	692.84	709.81	711.22	2.69	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-15	Instrumnet Name :	P8
Client Sample ID :	MW-06-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:13:11	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	716.93	682.32	706.16	701.80	2.52	ppb
Iron	54-2	761.43	681.33	711.97	718.24	5.63	ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.72	0.71	0.68	7.07	ppb
Lead	207-1	0.66	0.65	0.67	0.66	1.61	ppb
Lead	208-1	0.64	0.69	0.70	0.68	4.99	ppb
Lithium	6-1				108		%
Magnesium	24-2	2260.00	2137.50	2125.14	2174.22	3.43	ppb
Manganese	55-2	456.14	436.79	451.15	448.02	2.24	ppb
Molybdenum	94-1	0.55	0.71	0.77	0.68	16.98	ppb
Molybdenum	95-1	0.28	0.26	0.32	0.28	10.13	ppb
Molybdenum	96-1	0.26	0.31	0.31	0.29	10.20	ppb
Molybdenum	97-1	0.26	0.30	0.34	0.30	13.86	ppb
Molybdenum	98-1	0.28	0.26	0.27	0.27	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.51	8.01	8.32	8.28	3.05	ppb
Phosphorus	31-2	30.02	7.10	17.58	18.23	62.94	ppb
Potassium	39-2	2174.76	2007.19	2056.84	2079.60	4.14	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	77-2	1.93	0.48	0.50	0.97	86.07	ppb
Selenium	78-2	0.19	-0.59	-0.19	-0.20		ppb
Selenium	82-1	0.19	0.48	0.68	0.45	54.38	ppb
Silicon	28-1	1214.84	1350.68	1413.46	1326.33	7.65	ppb
Silver	107-1	0.01	0.02	0.03	0.02	54.95	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.20	ppb
Sodium	23-2	16400.74	15611.71	15190.12	15734.19	3.91	ppb
Strontium	86-1	47.84	56.27	52.98	52.36	8.12	ppb
Strontium	88-1	48.32	54.96	53.72	52.33	6.75	ppb
Sulfur	34-1	2599.56	4187.49	4365.01	3717.35	26.15	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.27	0.29	0.27	0.28	4.60	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-15	Instrumnet Name :	P8
Client Sample ID :	MW-06-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:13:11	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.25	0.33	0.28	0.29	14.66	ppb
Tin	118-1	0.32	0.32	0.40	0.35	13.59	ppb
Titanium	47-1	3.50	4.56	5.36	4.47	20.93	ppb
Uranium	238-1	0.09	0.10	0.08	0.09	12.20	ppb
Vanadium	51-2	1.44	1.46	1.55	1.48	4.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	55.00	50.78	52.54	52.77	4.01	ppb
Zirconium	90-1	0.22	0.26	0.27	0.25	10.56	ppb
Zirconium	91-1	0.29	0.33	0.22	0.28	19.34	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-16	Instrumnet Name :	P8
Client Sample ID :	MW-06-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:16:16	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97.42	107.94	97.00	100.79	6.15	ppb
Antimony	121-1	0.14	0.13	0.11	0.13	9.38	ppb
Arsenic	75-2	1.00	1.37	0.96	1.11	20.76	ppb
Barium	135-1	77.50	76.59	77.29	77.13	0.62	ppb
Barium	137-1	74.97	76.96	80.20	77.38	3.42	ppb
Beryllium	9-1	0.19	0.19	0.18	0.19	3.94	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	49.29	54.04	49.27	50.87	5.40	ppb
Boron	11-1	55.75	59.49	56.00	57.08	3.67	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.66	-0.43	-0.54	-0.54		ppb
Cadmium	106-1	-8.93	-6.26	-7.57	-7.59		ppb
Cadmium	108-1	0.07	0.30	0.22	0.20	58.33	ppb
Calcium	43-1	4569.77	4370.43	4459.51	4466.57	2.24	ppb
Calcium	44-1	4686.68	4559.07	4603.78	4616.51	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.54	0.63	0.50	0.56	11.50	ppb
Cobalt	59-2	27.17	29.83	27.48	28.16	5.16	ppb
Copper	63-2	9.40	9.91	9.30	9.54	3.45	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
Gold	197-1	111.93	284.63	272.06	222.87	43.20	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	56-2	481.80	522.93	482.62	495.78	4.74	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-16	Instrumnet Name :	P8
Client Sample ID :	MW-06-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:16:16	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	477.81	512.40	493.66	494.62	3.50	ppb
Iron	54-2	472.39	519.09	486.10	492.53	4.87	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.46	0.46	0.44	9.45	ppb
Lead	207-1	0.45	0.46	0.43	0.45	2.80	ppb
Lead	208-1	0.43	0.45	0.43	0.43	2.97	ppb
Lithium	6-1				108		%
Magnesium	24-2	2149.08	2346.94	2171.06	2222.36	4.88	ppb
Manganese	55-2	426.99	465.29	434.55	442.28	4.59	ppb
Molybdenum	94-1	0.27	0.30	0.28	0.28	4.64	ppb
Molybdenum	95-1	0.13	0.17	0.14	0.15	15.45	ppb
Molybdenum	96-1	0.15	0.19	0.15	0.17	14.48	ppb
Molybdenum	97-1	0.15	0.16	0.17	0.16	6.88	ppb
Molybdenum	98-1	0.15	0.14	0.14	0.14	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.27	9.19	8.29	8.58	6.10	ppb
Phosphorus	31-2	-9.03	11.23	0.67	0.96	1059.72	ppb
Potassium	39-2	2076.85	2291.83	2167.22	2178.63	4.95	ppb
Rhodium	103-1				110		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	77-2	-0.26	0.59	-0.26	0.02	2065.57	ppb
Selenium	78-2	-0.32	0.73	1.25	0.55	145.52	ppb
Selenium	82-1	0.82	0.55	0.41	0.59	35.24	ppb
Silicon	28-1	1373.80	1306.59	1318.55	1332.98	2.69	ppb
Silver	107-1	0.01	0.02	0.01	0.01	17.28	ppb
Silver	109-1	0.02	0.00	0.01	0.01	72.90	ppb
Sodium	23-2	16135.77	17057.84	16100.42	16431.34	3.30	ppb
Strontium	86-1	49.40	52.33	48.38	50.03	4.09	ppb
Strontium	88-1	48.67	53.67	49.21	50.52	5.43	ppb
Sulfur	34-1	3870.14	3391.64	3483.07	3581.62	7.09	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.27	0.26	0.27	0.27	2.41	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-16	Instrumnet Name :	P8
Client Sample ID :	MW-06-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:16:16	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.27	0.29	0.28	0.28	4.17	ppb
Tin	118-1	0.39	0.38	0.38	0.38	0.49	ppb
Titanium	47-1	0.92	1.11	1.07	1.03	9.82	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	8.27	ppb
Vanadium	51-2	0.59	0.62	0.59	0.60	2.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				98		%
Zinc	66-2	16.38	17.81	15.79	16.66	6.26	ppb
Zirconium	90-1	0.07	0.08	0.09	0.08	14.83	ppb
Zirconium	91-1	0.08	0.10	0.12	0.10	17.85	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-01	Instrumnet Name :	P8
Client Sample ID :	MW-09-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:19:24	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.12	48.08	45.25	46.15	3.62	ppb
Antimony	121-1	0.13	0.13	0.14	0.13	4.84	ppb
Arsenic	75-2	15.89	17.02	16.79	16.57	3.61	ppb
Barium	135-1	29.08	28.18	29.20	28.82	1.94	ppb
Barium	137-1	27.90	28.42	28.85	28.39	1.68	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	2.73	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	64.40	69.96	67.68	67.35	4.16	ppb
Boron	11-1	69.81	76.69	74.62	73.70	4.79	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.56	-0.54	-0.42	-0.51		ppb
Cadmium	106-1	-6.86	-6.81	-5.32	-6.33		ppb
Cadmium	108-1	0.07	-0.09	0.04	0.01	1061.83	ppb
Calcium	43-1	28469.99	27195.90	26449.89	27371.93	3.73	ppb
Calcium	44-1	28443.92	28193.26	27180.80	27939.33	2.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.15	1.22	1.18	1.18	2.63	ppb
Cobalt	59-2	0.57	0.56	0.60	0.58	3.14	ppb
Copper	63-2	1.21	1.23	1.13	1.19	4.57	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
Gold	197-1	108.65	107.04	-58.60	52.36	183.53	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	14243.98	14891.69	14384.80	14506.82	2.35	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-01	Instrumnet Name :	P8
Client Sample ID :	MW-09-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:19:24	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	13871.61	14417.24	13962.78	14083.88	2.08	ppb
Iron	54-2	13853.87	14554.52	14019.08	14142.49	2.59	ppb
Krypton	83-1						cps
Lead	206-1	0.59	0.66	0.60	0.62	6.50	ppb
Lead	207-1	0.64	0.67	0.62	0.64	3.66	ppb
Lead	208-1	0.64	0.66	0.61	0.63	3.96	ppb
Lithium	6-1				106		%
Magnesium	24-2	2580.31	2620.59	2566.20	2589.04	1.09	ppb
Manganese	55-2	109.81	114.53	107.76	110.70	3.14	ppb
Molybdenum	94-1	1.13	1.11	1.00	1.08	6.47	ppb
Molybdenum	95-1	0.91	0.93	0.89	0.91	2.67	ppb
Molybdenum	96-1	1.14	1.14	1.22	1.17	3.65	ppb
Molybdenum	97-1	0.91	0.82	0.85	0.86	5.73	ppb
Molybdenum	98-1	0.94	0.84	0.76	0.85	10.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.81	0.83	0.82	1.62	ppb
Phosphorus	31-2	183.76	207.65	142.10	177.84	18.66	ppb
Potassium	39-2	4749.29	4864.41	4655.64	4756.45	2.20	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				99		%
Selenium	77-2	0.46	1.25	-0.26	0.48	156.34	ppb
Selenium	78-2	-0.89	-0.08	-0.57	-0.51		ppb
Selenium	82-1	0.64	0.57	0.90	0.70	25.13	ppb
Silicon	28-1	640.22	620.26	614.11	624.86	2.18	ppb
Silver	107-1	0.01	0.00	0.01	0.01	98.49	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.88	ppb
Sodium	23-2	18183.13	18549.79	18298.57	18343.83	1.02	ppb
Strontium	86-1	258.45	245.63	244.94	249.67	3.05	ppb
Strontium	88-1	251.95	249.31	247.40	249.55	0.91	ppb
Sulfur	34-1	1055.66	775.23	607.14	812.68	27.88	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.01	0.02	0.01	298.95	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-01	Instrumnet Name :	P8
Client Sample ID :	MW-09-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:19:24	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.01	0.02	0.01	0.01	59.64	ppb
Tin	118-1	0.08	0.06	0.05	0.07	21.99	ppb
Titanium	47-1	1.15	1.04	0.99	1.06	7.49	ppb
Uranium	238-1	0.12	0.12	0.12	0.12	1.55	ppb
Vanadium	51-2	2.20	2.39	2.36	2.32	4.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	6.29	6.41	6.39	6.36	0.96	ppb
Zirconium	90-1	0.20	0.18	0.20	0.19	5.30	ppb
Zirconium	91-1	0.29	0.22	0.21	0.24	19.35	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-02	Instrumnet Name :	P8
Client Sample ID :	MW-09-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:22:29	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.90	6.21	7.13	6.74	7.08	ppb
Antimony	121-1	0.16	0.16	0.13	0.15	11.32	ppb
Arsenic	75-2	15.29	15.49	16.24	15.67	3.18	ppb
Barium	135-1	26.97	30.16	26.92	28.02	6.64	ppb
Barium	137-1	26.32	30.20	27.77	28.10	6.98	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	12.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	59.76	68.81	65.03	64.53	7.04	ppb
Boron	11-1	65.49	75.58	72.62	71.23	7.28	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.63	-0.34	-0.48	-0.48		ppb
Cadmium	106-1	-7.78	-4.05	-5.89	-5.91		ppb
Cadmium	108-1	0.08	0.07	-0.05	0.03	202.17	ppb
Calcium	43-1	25363.07	30913.93	27808.27	28028.43	9.93	ppb
Calcium	44-1	27118.29	31591.14	27763.48	28824.30	8.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.26	2.25	2.45	2.32	5.06	ppb
Cobalt	59-2	0.44	0.55	0.54	0.51	12.21	ppb
Copper	63-2	0.63	0.60	0.77	0.67	13.14	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
Gold	197-1	107.54	-58.60	116.61	55.18	178.75	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	11849.69	12991.31	12761.17	12534.05	4.82	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-02	Instrumnet Name :	P8
Client Sample ID :	MW-09-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:22:29	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	11098.15	12382.93	12470.18	11983.75	6.41	ppb
Iron	54-2	11407.93	12218.96	12547.47	12058.12	4.86	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.27	0.20	0.23	18.45	ppb
Lead	207-1	0.13	0.24	0.19	0.18	29.76	ppb
Lead	208-1	0.18	0.24	0.20	0.21	16.01	ppb
Lithium	6-1				104		%
Magnesium	24-2	2454.85	2631.20	2689.20	2591.75	4.71	ppb
Manganese	55-2	103.51	113.42	114.89	110.61	5.59	ppb
Molybdenum	94-1	1.27	1.58	1.23	1.36	13.93	ppb
Molybdenum	95-1	1.08	1.36	1.18	1.21	11.97	ppb
Molybdenum	96-1	1.34	1.77	1.55	1.56	13.70	ppb
Molybdenum	97-1	1.24	1.37	1.37	1.32	5.61	ppb
Molybdenum	98-1	1.14	1.37	1.24	1.25	9.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.52	1.74	1.74	1.67	7.62	ppb
Phosphorus	31-2	96.40	85.64	103.26	95.10	9.34	ppb
Potassium	39-2	4525.29	4946.16	5009.80	4827.09	5.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	0.50	-0.26	-0.26	0.00		ppb
Selenium	78-2	0.18	-0.31	0.21	0.03	1140.31	ppb
Selenium	82-1	1.09	0.62	0.70	0.80	31.38	ppb
Silicon	28-1	569.41	681.01	628.35	626.25	8.91	ppb
Silver	107-1	0.00	0.00	0.01	0.00	271.17	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.03	ppb
Sodium	23-2	17788.69	19010.04	19373.68	18724.14	4.43	ppb
Strontium	86-1	232.15	281.78	241.27	251.74	10.49	ppb
Strontium	88-1	238.12	285.09	254.82	259.34	9.18	ppb
Sulfur	34-1	842.87	2709.87	1700.14	1750.96	53.37	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.02	0.01	50.33	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-02	Instrumnet Name :	P8
Client Sample ID :	MW-09-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:22:29	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.03	0.01	0.00	0.01	90.13	ppb
Tin	118-1	0.21	0.22	0.22	0.22	2.29	ppb
Titanium	47-1	0.53	0.69	0.59	0.60	12.87	ppb
Uranium	238-1	0.08	0.09	0.08	0.08	5.46	ppb
Vanadium	51-2	0.96	0.98	1.09	1.01	7.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	11.12	12.17	13.32	12.20	9.01	ppb
Zirconium	90-1	0.14	0.19	0.17	0.17	17.06	ppb
Zirconium	91-1	0.19	0.17	0.20	0.19	9.27	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-05	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:25:36	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38553.54	32735.00	38727.60	36672.05	9.30	ppb
Antimony	121-1	0.28	0.30	0.25	0.28	8.49	ppb
Arsenic	75-2	19.15	16.54	20.61	18.77	10.97	ppb
Barium	135-1	350.71	382.29	373.56	368.85	4.42	ppb
Barium	137-1	341.60	379.95	369.39	363.65	5.45	ppb
Beryllium	9-1	3.72	3.79	3.71	3.74	1.25	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	64.92	65.34	65.23	65.16	0.34	ppb
Boron	11-1	70.49	73.60	71.83	71.97	2.17	ppb
Bromine	81-1						cps
Cadmium	111-1	0.67	0.80	0.80	0.76	10.29	ppb
Cadmium	106-1	-2.62	-1.54	-1.20	-1.78		ppb
Cadmium	108-1	1.69	1.82	1.66	1.72	5.00	ppb
Calcium	43-1	18311.83	19718.83	19605.64	19212.10	4.07	ppb
Calcium	44-1	18843.62	20291.45	19715.02	19616.70	3.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133.40	114.83	139.14	129.12	9.84	ppb
Cobalt	59-2	34.46	29.18	35.32	32.99	10.08	ppb
Copper	63-2	58.33	50.00	59.45	55.93	9.24	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
Gold	197-1	759.80	288.89	435.08	494.59	48.73	ppb
Gold	197-2	112.43	69.53	56.49	79.48	36.82	ppb
Holmium	165-1				114		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	61147.85	52280.66	61249.22	58225.91	8.84	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-05	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:25:36	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	61551.97	52170.95	64314.31	59345.74	10.73	ppb
Iron	54-2	60055.67	52305.27	61748.38	58036.44	8.68	ppb
Krypton	83-1						cps
Lead	206-1	22.65	24.41	23.35	23.47	3.79	ppb
Lead	207-1	21.57	22.47	21.33	21.79	2.76	ppb
Lead	208-1	21.84	23.43	22.38	22.55	3.60	ppb
Lithium	6-1				109		%
Magnesium	24-2	11899.37	10639.65	12474.16	11671.06	8.04	ppb
Manganese	55-2	724.56	628.88	758.13	703.86	9.53	ppb
Molybdenum	94-1	10.78	11.30	11.20	11.10	2.53	ppb
Molybdenum	95-1	1.11	1.24	1.14	1.16	5.88	ppb
Molybdenum	96-1	3.08	3.21	3.26	3.18	3.01	ppb
Molybdenum	97-1	1.10	1.10	1.17	1.12	3.39	ppb
Molybdenum	98-1	1.06	1.15	1.07	1.10	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.83	58.47	70.00	65.10	9.15	ppb
Phosphorus	31-2	1866.09	1607.92	2020.40	1831.47	11.38	ppb
Potassium	39-2	8634.15	7608.35	8808.04	8350.18	7.76	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				118		%
Scandium	45-2				114		%
Selenium	77-2	59.72	47.66	68.10	58.49	17.57	ppb
Selenium	78-2	12.21	10.62	16.43	13.09	22.91	ppb
Selenium	82-1	1.99	1.99	2.74	2.24	19.39	ppb
Silicon	28-1	6679.15	7202.46	7266.39	7049.33	4.57	ppb
Silver	107-1	0.39	0.43	0.45	0.42	7.77	ppb
Silver	109-1	0.37	0.42	0.42	0.40	7.28	ppb
Sodium	23-2	23491.53	20565.00	24427.55	22828.03	8.83	ppb
Strontium	86-1	171.75	185.26	177.94	178.32	3.79	ppb
Strontium	88-1	176.58	188.38	188.82	184.59	3.76	ppb
Sulfur	34-1	6044.52	6929.60	6771.10	6581.74	7.17	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.98	1.13	0.96	1.03	9.03	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-05	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:25:36	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	1.06	1.13	1.01	1.07	5.61	ppb
Tin	118-1	0.50	0.56	0.53	0.53	6.11	ppb
Titanium	47-1	486.60	529.34	526.85	514.26	4.66	ppb
Uranium	238-1	3.18	3.35	3.22	3.25	2.73	ppb
Vanadium	51-2	146.70	124.85	151.45	141.00	10.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				127		%
Yttrium	89-2				123		%
Zinc	66-2	226.47	200.36	239.44	222.09	8.96	ppb
Zirconium	90-1	5.49	5.79	5.64	5.64	2.73	ppb
Zirconium	91-1	5.15	5.64	5.49	5.42	4.68	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-06	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:28:38	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.43	51.94	51.24	50.87	2.55	ppb
Antimony	121-1	0.22	0.22	0.21	0.22	3.70	ppb
Arsenic	75-2	0.58	0.57	0.62	0.59	4.64	ppb
Barium	135-1	70.20	66.09	59.67	65.32	8.13	ppb
Barium	137-1	67.92	67.16	59.30	64.79	7.37	ppb
Beryllium	9-1	0.07	0.06	0.07	0.07	1.71	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	56.11	54.68	52.94	54.58	2.91	ppb
Boron	11-1	62.51	61.41	59.43	61.12	2.55	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.44	-0.47	-0.69	-0.54		ppb
Cadmium	106-1	-7.73	-7.59	-9.83	-8.38		ppb
Cadmium	108-1	0.25	0.21	0.33	0.26	23.40	ppb
Calcium	43-1	11465.66	11268.40	10568.54	11100.86	4.25	ppb
Calcium	44-1	12015.58	11555.22	11038.28	11536.36	4.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.71	0.68	0.65	0.68	4.00	ppb
Cobalt	59-2	0.99	1.05	0.98	1.01	3.85	ppb
Copper	63-2	15.72	16.29	16.32	16.11	2.10	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
Gold	197-1	279.86	452.55	99.02	277.14	63.79	ppb
Gold	197-2	20.06	-10.81	-10.81	-0.52		ppb
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	56-2	33.20	34.82	35.05	34.36	2.94	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-06	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:28:38	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	41.07	46.82	47.77	45.22	8.02	ppb
Iron	54-2	33.20	34.13	33.70	33.68	1.39	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.23	0.22	0.23	5.45	ppb
Lead	207-1	0.24	0.24	0.22	0.23	5.60	ppb
Lead	208-1	0.25	0.23	0.22	0.23	6.52	ppb
Lithium	6-1				107		%
Magnesium	24-2	4701.35	4944.53	4782.08	4809.32	2.58	ppb
Manganese	55-2	33.32	35.09	34.64	34.35	2.68	ppb
Molybdenum	94-1	0.47	0.40	0.33	0.40	17.58	ppb
Molybdenum	95-1	0.24	0.23	0.23	0.23	3.25	ppb
Molybdenum	96-1	0.21	0.23	0.19	0.21	9.85	ppb
Molybdenum	97-1	0.25	0.22	0.13	0.20	29.83	ppb
Molybdenum	98-1	0.19	0.19	0.20	0.20	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.76	5.69	5.61	5.69	1.37	ppb
Phosphorus	31-2	82.10	133.95	84.88	100.31	29.08	ppb
Potassium	39-2	4044.03	4291.40	4317.49	4217.64	3.58	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				101		%
Selenium	77-2	-0.26	1.20	0.52	0.49	149.99	ppb
Selenium	78-2	-0.69	-0.71	-1.13	-0.84		ppb
Selenium	82-1	0.54	0.60	0.32	0.49	30.92	ppb
Silicon	28-1	1514.11	1491.74	1406.02	1470.62	3.88	ppb
Silver	107-1	0.00	0.02	0.01	0.01	67.68	ppb
Silver	109-1	0.03	0.02	0.02	0.02	25.24	ppb
Sodium	23-2	23601.90	24878.91	23801.00	24093.94	2.85	ppb
Strontium	86-1	108.28	109.70	102.88	106.95	3.36	ppb
Strontium	88-1	114.37	112.99	104.59	110.65	4.79	ppb
Sulfur	34-1	7129.97	6636.50	5741.95	6502.80	10.82	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.03	0.02	0.02	16.19	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-06	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:28:38	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.04	0.03	0.01	0.03	54.91	ppb
Tin	118-1	0.11	0.10	0.08	0.10	17.22	ppb
Titanium	47-1	1.60	1.43	1.28	1.44	10.99	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.29	ppb
Vanadium	51-2	1.33	1.38	1.37	1.36	1.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				103		%
Zinc	66-2	8.82	9.77	9.06	9.22	5.38	ppb
Zirconium	90-1	0.12	0.11	0.12	0.12	3.36	ppb
Zirconium	91-1	0.13	0.11	0.11	0.12	10.46	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-07	Instrumnet Name :	P8
Client Sample ID :	BR-03D-479.5-499.5-090	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:31:45	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	134.70	128.37	139.98	134.35	4.33	ppb
Antimony	121-1	0.36	0.39	0.43	0.39	9.25	ppb
Arsenic	75-2	2.47	2.44	2.74	2.55	6.44	ppb
Barium	135-1	28.39	26.88	26.55	27.27	3.59	ppb
Barium	137-1	27.77	26.68	27.13	27.19	2.01	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	9.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	470.20	467.79	461.18	466.39	1.00	ppb
Boron	11-1	485.95	497.88	481.52	488.45	1.73	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.73	-0.73	-0.55	-0.67		ppb
Cadmium	106-1	-8.81	-8.96	-6.95	-8.24		ppb
Cadmium	108-1	0.08	0.04	-0.02	0.04	135.52	ppb
Calcium	43-1	11277.17	10903.86	10082.98	10754.67	5.68	ppb
Calcium	44-1	11207.72	10983.32	10479.05	10890.03	3.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.78	0.72	0.73	0.74	4.40	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	11.46	ppb
Copper	63-2	0.44	0.34	0.45	0.41	14.60	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
Gold	197-1	-58.60	-58.60	-58.60	-58.60		ppb
Gold	197-2	19.66	-10.81	-10.81	-0.65		ppb
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	95.63	88.48	100.05	94.72	6.16	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-07	Instrumnet Name :	P8
Client Sample ID :	BR-03D-479.5-499.5-090	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:31:45	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	99.76	100.42	113.81	104.66	7.58	ppb
Iron	54-2	96.88	92.75	98.62	96.08	3.14	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.26	0.20	0.23	12.26	ppb
Lead	207-1	0.24	0.27	0.21	0.24	14.23	ppb
Lead	208-1	0.25	0.25	0.22	0.24	6.32	ppb
Lithium	6-1				102		%
Magnesium	24-2	3533.94	3451.82	3749.88	3578.55	4.30	ppb
Manganese	55-2	37.80	36.03	39.14	37.66	4.14	ppb
Molybdenum	94-1	9.62	9.23	8.76	9.20	4.66	ppb
Molybdenum	95-1	12.03	11.02	10.74	11.26	6.02	ppb
Molybdenum	96-1	11.23	10.98	10.55	10.92	3.17	ppb
Molybdenum	97-1	11.40	11.19	10.73	11.10	3.09	ppb
Molybdenum	98-1	11.41	11.01	10.28	10.90	5.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.57	0.46	0.46	0.50	12.16	ppb
Phosphorus	31-2	33.08	48.11	52.66	44.62	22.97	ppb
Potassium	39-2	4381.18	4391.53	4663.31	4478.67	3.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	0.47	1.16	0.49	0.71	55.78	ppb
Selenium	78-2	-0.88	-0.43	0.76	-0.18		ppb
Selenium	82-1	1.30	1.08	1.16	1.18	9.63	ppb
Silicon	28-1	1262.20	1190.96	1117.62	1190.26	6.07	ppb
Silver	107-1	0.00	0.01	0.00	0.00	61.38	ppb
Silver	109-1	0.01	0.00	0.00	0.00	42.70	ppb
Sodium	23-2	183770.60	182105.91	196002.24	187292.92	4.05	ppb
Strontium	86-1	232.73	225.27	218.82	225.61	3.08	ppb
Strontium	88-1	248.32	231.30	224.91	234.84	5.15	ppb
Sulfur	34-1	39478.81	37921.43	33457.35	36952.53	8.46	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-07	Instrumnet Name :	P8
Client Sample ID :	BR-03D-479.5-499.5-090	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:31:45	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.01	0.01	0.01	0.01	17.98	ppb
Tin	118-1	0.77	0.67	0.77	0.74	7.86	ppb
Titanium	47-1	1.97	2.01	1.77	1.92	6.59	ppb
Uranium	238-1	2.20	2.26	2.20	2.22	1.62	ppb
Vanadium	51-2	1.93	1.80	2.03	1.92	6.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	28.48	27.47	29.48	28.48	3.54	ppb
Zirconium	90-1	0.10	0.10	0.15	0.11	24.25	ppb
Zirconium	91-1	0.11	0.13	0.10	0.11	11.61	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-08	Instrumnet Name :	P8
Client Sample ID :	BR-03D-479.5-499.5-090	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:34:49	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.79	8.16	7.69	8.21	6.72	ppb
Antimony	121-1	0.28	0.29	0.30	0.29	3.54	ppb
Arsenic	75-2	2.50	2.48	2.60	2.53	2.56	ppb
Barium	135-1	22.09	23.94	24.20	23.41	4.93	ppb
Barium	137-1	23.02	24.10	23.24	23.45	2.44	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	8.69	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	437.35	447.59	464.06	449.67	3.00	ppb
Boron	11-1	477.18	465.53	490.32	477.68	2.60	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.58	-0.50	-0.68	-0.59		ppb
Cadmium	106-1	-7.14	-6.15	-8.36	-7.22		ppb
Cadmium	108-1	0.03	-0.02	0.01	0.01	354.76	ppb
Calcium	43-1	9069.95	9597.85	9778.83	9482.21	3.88	ppb
Calcium	44-1	9256.46	10090.48	9957.21	9768.05	4.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.45	0.45	0.45	1.20	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	42.18	ppb
Copper	63-2	0.18	0.24	0.14	0.19	24.91	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
Gold	197-1	619.36	-58.60	111.29	224.02	157.47	ppb
Gold	197-2	21.77	-10.81	-10.81	0.05	36148.15	ppb
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	56-2	10.14	9.31	9.23	9.56	5.25	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-08	Instrumnet Name :	P8
Client Sample ID :	BR-03D-479.5-499.5-090	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:34:49	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	22.18	21.09	18.89	20.72	8.08	ppb
Iron	54-2	12.86	10.49	9.40	10.92	16.21	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.30	0.25	0.28	9.30	ppb
Lead	207-1	0.25	0.27	0.27	0.26	4.94	ppb
Lead	208-1	0.28	0.29	0.29	0.28	2.03	ppb
Lithium	6-1				105		%
Magnesium	24-2	3618.30	3582.19	3523.80	3574.76	1.33	ppb
Manganese	55-2	32.96	31.92	31.87	32.25	1.90	ppb
Molybdenum	94-1	8.25	8.54	8.33	8.37	1.79	ppb
Molybdenum	95-1	9.91	10.07	10.27	10.08	1.78	ppb
Molybdenum	96-1	9.89	10.17	10.50	10.19	3.01	ppb
Molybdenum	97-1	10.16	10.49	10.72	10.46	2.67	ppb
Molybdenum	98-1	9.67	10.23	10.31	10.07	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.40	0.42	0.41	2.51	ppb
Phosphorus	31-2	46.21	60.74	18.84	41.93	50.73	ppb
Potassium	39-2	4497.74	4421.92	4450.78	4456.81	0.86	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				100		%
Selenium	77-2	-0.26	2.71	-0.26	0.73	234.20	ppb
Selenium	78-2	0.50	-0.81	-0.06	-0.12		ppb
Selenium	82-1	0.94	1.13	1.27	1.11	14.86	ppb
Silicon	28-1	957.79	1058.82	1059.96	1025.52	5.72	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.00	0.00	0.01	86.45	ppb
Sodium	23-2	193771.01	186650.23	189345.01	189922.09	1.89	ppb
Strontium	86-1	197.01	207.79	206.52	203.77	2.89	ppb
Strontium	88-1	201.78	215.98	210.09	209.28	3.41	ppb
Sulfur	34-1	31425.43	33650.87	34049.51	33041.94	4.28	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-08	Instrumnet Name :	P8
Client Sample ID :	BR-03D-479.5-499.5-090	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:34:49	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.00	0.01	0.00	0.00	366.40	ppb
Tin	118-1	0.56	0.68	0.64	0.63	9.29	ppb
Titanium	47-1	0.66	0.77	0.91	0.78	16.20	ppb
Uranium	238-1	2.01	2.09	2.04	2.05	2.10	ppb
Vanadium	51-2	1.83	1.75	1.82	1.80	2.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	5.58	5.31	4.89	5.26	6.63	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	53.05	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	47.52	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-09	Instrumnet Name :	P8
Client Sample ID :	MW-14B-43-48-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:37:54	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93.71	91.86	91.16	92.24	1.43	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	6.44	ppb
Arsenic	75-2	0.51	0.50	0.49	0.50	1.71	ppb
Barium	135-1	433.29	406.44	427.82	422.52	3.36	ppb
Barium	137-1	436.85	399.11	424.25	420.07	4.57	ppb
Beryllium	9-1	2.72	2.57	2.78	2.69	3.99	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	51.80	46.54	48.66	49.00	5.41	ppb
Boron	11-1	57.37	51.99	54.17	54.51	4.96	ppb
Bromine	81-1						cps
Cadmium	111-1	13.82	12.64	13.49	13.32	4.58	ppb
Cadmium	106-1	4.62	4.29	1.95	3.62	40.10	ppb
Cadmium	108-1	11.55	12.10	12.18	11.94	2.89	ppb
Calcium	43-1	35413.82	32574.94	33695.65	33894.80	4.22	ppb
Calcium	44-1	35358.07	33583.90	34071.37	34337.78	2.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.82	0.78	0.82	0.81	2.87	ppb
Cobalt	59-2	21.95	20.88	20.51	21.11	3.55	ppb
Copper	63-2	10.96	10.33	10.07	10.45	4.38	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
Gold	197-1	-58.60	-58.60	-58.60	-58.60		ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	191.45	180.29	180.97	184.24	3.40	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-09	Instrumnet Name :	P8
Client Sample ID :	MW-14B-43-48-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:37:54	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	238.50	221.03	225.03	228.19	4.01	ppb
Iron	54-2	187.17	175.38	181.99	181.52	3.26	ppb
Krypton	83-1						cps
Lead	206-1	17.87	16.78	17.46	17.37	3.17	ppb
Lead	207-1	16.57	16.24	16.73	16.51	1.53	ppb
Lead	208-1	17.41	16.61	17.20	17.07	2.45	ppb
Lithium	6-1				106		%
Magnesium	24-2	12093.28	11575.31	11812.85	11827.15	2.19	ppb
Manganese	55-2	375.06	352.32	354.47	360.62	3.48	ppb
Molybdenum	94-1	0.39	0.30	0.24	0.31	24.53	ppb
Molybdenum	95-1	0.28	0.32	0.31	0.30	6.14	ppb
Molybdenum	96-1	0.31	0.24	0.28	0.28	13.03	ppb
Molybdenum	97-1	0.22	0.22	0.28	0.24	13.69	ppb
Molybdenum	98-1	0.28	0.25	0.24	0.26	7.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.61	31.67	32.32	32.54	3.05	ppb
Phosphorus	31-2	-5.87	23.16	-36.09	-6.26		ppb
Potassium	39-2	16891.07	15954.73	15852.24	16232.68	3.53	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				98		%
Selenium	77-2	2.80	4.31	1.97	3.03	39.14	ppb
Selenium	78-2	-0.05	-0.15	-0.69	-0.29		ppb
Selenium	82-1	0.58	0.68	0.78	0.68	14.44	ppb
Silicon	28-1	1212.41	1089.20	1173.02	1158.21	5.43	ppb
Silver	107-1	0.03	0.02	0.02	0.03	25.44	ppb
Silver	109-1	0.02	0.02	0.03	0.02	21.15	ppb
Sodium	23-2	233911.22	219320.31	224079.28	225770.27	3.30	ppb
Strontium	86-1	479.38	470.51	479.58	476.49	1.09	ppb
Strontium	88-1	485.60	476.97	494.30	485.62	1.78	ppb
Sulfur	34-1	1477.96	587.86	1167.99	1077.94	41.92	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.37	0.34	0.30	0.34	10.85	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-09	Instrumnet Name :	P8
Client Sample ID :	MW-14B-43-48-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:37:54	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.35	0.32	0.34	0.34	4.41	ppb
Tin	118-1	0.65	0.58	0.57	0.60	6.99	ppb
Titanium	47-1	1.74	1.50	1.44	1.56	10.30	ppb
Uranium	238-1	0.24	0.24	0.24	0.24	0.91	ppb
Vanadium	51-2	0.39	0.41	0.44	0.41	6.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	1321.39	1294.42	1269.76	1295.19	1.99	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	19.97	ppb
Zirconium	91-1	0.06	0.03	0.05	0.05	28.55	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:45:21	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51600.84	50917.08	48299.70	50272.54	3.47	ppb
Antimony	121-1	471.83	459.22	464.27	465.11	1.36	ppb
Arsenic	75-2	465.43	457.16	435.22	452.60	3.45	ppb
Barium	135-1	2505.01	2357.01	2410.17	2424.06	3.09	ppb
Barium	137-1	2401.63	2389.55	2346.00	2379.06	1.23	ppb
Beryllium	9-1	439.93	457.81	467.46	455.07	3.07	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	451.09	471.00	483.19	468.43	3.46	ppb
Boron	11-1	460.94	488.83	498.48	482.75	4.04	ppb
Bromine	81-1						cps
Cadmium	111-1	442.88	432.50	447.44	440.94	1.74	ppb
Cadmium	106-1	446.66	437.79	460.29	448.25	2.53	ppb
Cadmium	108-1	461.19	452.09	473.56	462.28	2.33	ppb
Calcium	43-1	244212.44	238728.33	241306.34	241415.70	1.14	ppb
Calcium	44-1	248528.17	233254.64	241116.75	240966.52	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	469.89	456.87	438.09	454.95	3.51	ppb
Cobalt	59-2	496.48	478.94	454.76	476.73	4.39	ppb
Copper	63-2	4746.27	4770.37	4440.53	4652.39	3.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	869.74	866.00	120.67	618.80	69.71	ppb
Gold	197-2	613.41	465.30	557.42	545.38	13.71	ppb
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	122870.50	120932.58	117580.51	120461.20	2.22	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:45:21	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	122876.62	124677.82	112651.61	120068.68	5.40	ppb
Iron	54-2	123156.30	122108.68	116598.69	120621.22	2.92	ppb
Krypton	83-1						cps
Lead	206-1	2493.50	2450.35	2311.60	2418.48	3.93	ppb
Lead	207-1	2499.02	2363.25	2323.66	2395.31	3.84	ppb
Lead	208-1	2510.63	2439.35	2368.50	2439.49	2.91	ppb
Lithium	6-1				106		%
Magnesium	24-2	254926.04	253721.95	233205.50	247284.50	4.94	ppb
Manganese	55-2	4958.00	4945.17	4662.66	4855.28	3.44	ppb
Molybdenum	94-1	4806.49	4781.56	4674.61	4754.22	1.47	ppb
Molybdenum	95-1	4803.62	4596.12	4633.10	4677.61	2.37	ppb
Molybdenum	96-1	4807.47	4753.26	4564.54	4708.42	2.71	ppb
Molybdenum	97-1	4812.90	4668.26	4596.84	4692.67	2.35	ppb
Molybdenum	98-1	4747.68	4738.78	4493.32	4659.93	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.92	462.94	446.71	459.19	2.42	ppb
Phosphorus	31-2	9861.57	9475.03	9178.56	9505.05	3.60	ppb
Potassium	39-2	123031.78	119651.28	117662.68	120115.24	2.26	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	77-2	465.40	465.18	446.30	458.96	2.39	ppb
Selenium	78-2	456.66	456.07	432.11	448.28	3.12	ppb
Selenium	82-1	454.27	447.28	431.46	444.34	2.63	ppb
Silicon	28-1	488.03	493.11	486.05	489.06	0.74	ppb
Silver	107-1	410.91	405.75	429.70	415.45	3.03	ppb
Silver	109-1	423.85	420.78	438.70	427.78	2.24	ppb
Sodium	23-2	247694.36	249521.07	233667.18	243627.54	3.56	ppb
Strontium	86-1	12107.65	11733.87	11589.22	11810.25	2.27	ppb
Strontium	88-1	12429.68	11971.19	11460.22	11953.70	4.06	ppb
Sulfur	34-1	10679.83	10568.36	10025.06	10424.42	3.36	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	498.24	495.56	476.61	490.14	2.41	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:45:21	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	500.16	501.03	477.37	492.85	2.72	ppb
Tin	118-1	505.24	500.93	498.52	501.56	0.68	ppb
Titanium	47-1	4772.54	4622.20	4654.57	4683.10	1.69	ppb
Uranium	238-1	509.57	494.49	483.08	495.71	2.68	ppb
Vanadium	51-2	478.33	472.58	448.54	466.48	3.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	4455.61	4404.37	4212.94	4357.64	2.94	ppb
Zirconium	90-1	476.19	476.21	485.01	479.14	1.06	ppb
Zirconium	91-1	466.16	466.37	467.59	466.71	0.17	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:48:17	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	0.30	0.12	0.13	122.73	ppb
Antimony	121-1	0.10	0.18	0.31	0.20	53.36	ppb
Arsenic	75-2	0.05	-0.01	0.02	0.02	145.37	ppb
Barium	135-1	0.01	0.02	0.01	0.02	39.31	ppb
Barium	137-1	0.01	0.01	0.01	0.01	23.66	ppb
Beryllium	9-1	0.07	0.06	0.06	0.06	4.12	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	36.89	33.29	29.79	33.32	10.65	ppb
Boron	11-1	39.31	37.23	32.79	36.44	9.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.53	-0.62	-0.53	-0.56		ppb
Cadmium	106-1	-6.84	-7.76	-6.67	-7.09		ppb
Cadmium	108-1	0.07	0.17	0.18	0.14	41.62	ppb
Calcium	43-1	-1.95	-3.35	0.57	-1.58		ppb
Calcium	44-1	-7.08	-9.48	-2.89	-6.48		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.06	0.04	0.08	73.07	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.10	0.10	0.06	0.08	23.04	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
Gold	197-1	106.98	102.94	106.53	105.48	2.10	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				113		%
Holmium	165-2				100		%
Indium	115-1				110		%
Indium	115-2				96		%
Iron	56-2	0.47	0.42	0.49	0.46	7.19	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:48:17	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	-0.35	-1.74	1.21	-0.30		ppb
Iron	54-2	1.66	0.76	1.30	1.24	36.59	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	11.84	ppb
Lead	207-1	0.02	0.06	0.05	0.04	40.93	ppb
Lead	208-1	0.05	0.05	0.04	0.05	6.15	ppb
Lithium	6-1				111		%
Magnesium	24-2	0.15	-0.02	-0.01	0.04	235.32	ppb
Manganese	55-2	0.04	0.01	0.07	0.04	69.18	ppb
Molybdenum	94-1	0.92	0.85	0.80	0.86	7.15	ppb
Molybdenum	95-1	1.06	0.90	0.88	0.95	10.55	ppb
Molybdenum	96-1	0.95	0.90	0.87	0.91	4.46	ppb
Molybdenum	97-1	0.92	0.87	0.83	0.87	5.08	ppb
Molybdenum	98-1	0.92	0.87	0.91	0.90	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	0.00		ppb
Phosphorus	31-2	-19.79	-17.28	-20.42	-19.16		ppb
Potassium	39-2	31.12	27.77	12.96	23.95	40.34	ppb
Rhodium	103-1				110		%
Rhodium	103-2				99		%
Scandium	45-1				110		%
Scandium	45-2				95		%
Selenium	77-2	-0.26	1.32	0.51	0.52	150.59	ppb
Selenium	78-2	-0.93	-1.52	-1.11	-1.19		ppb
Selenium	82-1	0.19	0.59	0.80	0.53	58.03	ppb
Silicon	28-1	-1.53	-2.35	-2.92	-2.27		ppb
Silver	107-1	0.09	0.07	0.07	0.08	15.17	ppb
Silver	109-1	0.06	0.08	0.09	0.08	17.00	ppb
Sodium	23-2	95.27	83.09	74.48	84.28	12.39	ppb
Strontium	86-1	0.00	0.05	0.28	0.11	131.76	ppb
Strontium	88-1	0.09	0.05	0.22	0.12	77.40	ppb
Sulfur	34-1	-1874.35	-1849.54	-2150.91	-1958.27		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.07	0.07	0.08	4.28	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:48:17	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.09	0.09	0.06	0.08	19.06	ppb
Tin	118-1	0.03	0.02	0.04	0.03	33.78	ppb
Titanium	47-1	0.00	-0.03	0.13	0.03	256.03	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	80.60	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				98		%
Zinc	66-2	0.16	0.29	0.17	0.21	36.54	ppb
Zirconium	90-1	0.01	-0.01	0.02	0.01	300.32	ppb
Zirconium	91-1	0.01	-0.01	0.04	0.02	156.35	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-10	Instrumnet Name :	P8
Client Sample ID :	MW-14B-43-48-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:56:07	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.89	21.42	18.22	21.51	15.50	ppb
Antimony	121-1	0.07	0.11	0.11	0.10	23.27	ppb
Arsenic	75-2	0.39	0.27	0.21	0.29	31.13	ppb
Barium	135-1	392.94	403.03	398.45	398.14	1.27	ppb
Barium	137-1	388.73	413.33	401.75	401.27	3.07	ppb
Beryllium	9-1	2.36	2.36	2.31	2.34	1.08	ppb
Bismuth	209-1				104		%
Bismuth	209-2				94		%
Boron	10-1	25.22	25.16	25.91	25.43	1.62	ppb
Boron	11-1	27.68	28.06	28.21	27.98	0.98	ppb
Bromine	81-1						cps
Cadmium	111-1	12.40	12.91	12.70	12.67	2.05	ppb
Cadmium	106-1	2.00	2.88	2.80	2.56	19.13	ppb
Cadmium	108-1	11.56	10.22	12.29	11.36	9.24	ppb
Calcium	43-1	32772.94	34499.00	33339.63	33537.19	2.62	ppb
Calcium	44-1	33057.63	34646.92	33547.21	33750.59	2.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.94	5.50	5.29	5.57	5.92	ppb
Cobalt	59-2	21.17	19.86	19.08	20.04	5.28	ppb
Copper	63-2	8.00	7.52	7.09	7.54	6.03	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
Gold	197-1	-58.60	295.47	-58.60	59.42	344.01	ppb
Gold	197-2	-10.81	-10.81	21.74	0.04	42942.13	ppb
Holmium	165-1				112		%
Holmium	165-2				99		%
Indium	115-1				109		%
Indium	115-2				91		%
Iron	56-2	82.69	78.66	72.26	77.87	6.76	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-10	Instrumnet Name :	P8
Client Sample ID :	MW-14B-43-48-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:56:07	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	138.31	129.37	122.22	129.97	6.21	ppb
Iron	54-2	86.34	81.71	79.91	82.66	4.01	ppb
Krypton	83-1						cps
Lead	206-1	6.96	7.74	7.54	7.41	5.43	ppb
Lead	207-1	6.53	7.51	7.36	7.13	7.36	ppb
Lead	208-1	6.96	7.55	7.57	7.36	4.69	ppb
Lithium	6-1				112		%
Magnesium	24-2	13295.35	12462.86	11856.27	12538.16	5.76	ppb
Manganese	55-2	391.48	374.85	348.13	371.48	5.89	ppb
Molybdenum	94-1	0.35	0.38	0.36	0.36	3.49	ppb
Molybdenum	95-1	0.46	0.50	0.47	0.48	3.78	ppb
Molybdenum	96-1	0.33	0.43	0.38	0.38	12.31	ppb
Molybdenum	97-1	0.39	0.39	0.38	0.39	1.51	ppb
Molybdenum	98-1	0.36	0.39	0.38	0.38	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.99	36.50	35.15	36.88	5.28	ppb
Phosphorus	31-2	-11.71	-15.31	-19.79	-15.60		ppb
Potassium	39-2	18957.83	17560.52	16383.03	17633.79	7.31	ppb
Rhodium	103-1				105		%
Rhodium	103-2				94		%
Scandium	45-1				109		%
Scandium	45-2				95		%
Selenium	77-2	6.69	2.13	1.25	3.36	86.97	ppb
Selenium	78-2	1.29	0.55	-1.27	0.19	697.58	ppb
Selenium	82-1	0.52	0.44	0.36	0.44	18.14	ppb
Silicon	28-1	1077.74	1165.61	1105.82	1116.39	4.02	ppb
Silver	107-1	0.01	0.01	0.00	0.01	61.17	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.22	ppb
Sodium	23-2	257583.69	244208.87	231528.02	244440.19	5.33	ppb
Strontium	86-1	457.64	487.27	479.02	474.65	3.22	ppb
Strontium	88-1	458.09	498.23	479.59	478.64	4.20	ppb
Sulfur	34-1	1636.95	2100.53	1293.26	1676.92	24.16	ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	0.32	0.41	0.31	0.35	15.03	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-10	Instrumnet Name :	P8
Client Sample ID :	MW-14B-43-48-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:56:07	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.35	0.39	0.38	0.37	5.81	ppb
Tin	118-1	0.50	0.48	0.57	0.52	9.40	ppb
Titanium	47-1	1.24	1.29	1.44	1.32	7.90	ppb
Uranium	238-1	0.09	0.10	0.10	0.10	5.30	ppb
Vanadium	51-2	0.12	0.08	0.12	0.11	25.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				96		%
Zinc	66-2	1468.55	1358.21	1271.29	1366.02	7.24	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	44.64	ppb
Zirconium	91-1	0.03	0.03	0.05	0.04	45.67	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-17	Instrumnet Name :	P8
Client Sample ID :	MW-04-7-17-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:59:14	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.63	25.67	25.65	26.32	4.33	ppb
Antimony	121-1	0.06	0.08	0.09	0.07	18.82	ppb
Arsenic	75-2	0.24	0.12	0.19	0.18	32.74	ppb
Barium	135-1	188.44	180.10	193.64	187.39	3.65	ppb
Barium	137-1	185.55	185.32	196.10	188.99	3.26	ppb
Beryllium	9-1	0.08	0.08	0.09	0.08	9.56	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	50.15	52.30	54.48	52.31	4.13	ppb
Boron	11-1	55.57	58.10	61.36	58.34	4.98	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.37	-0.60	-0.54	-0.50		ppb
Cadmium	106-1	-6.24	-9.26	-8.67	-8.06		ppb
Cadmium	108-1	-0.01	0.05	0.10	0.04	126.89	ppb
Calcium	43-1	28737.30	29469.24	31936.74	30047.76	5.58	ppb
Calcium	44-1	29861.89	30329.21	33392.14	31194.41	6.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.55	0.58	0.47	0.53	11.09	ppb
Cobalt	59-2	0.53	0.52	0.50	0.52	2.86	ppb
Copper	63-2	0.55	0.56	0.50	0.54	5.94	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
Gold	197-1	-58.60	288.90	133.18	121.16	143.66	ppb
Gold	197-2	-10.81	21.20	-10.81	-0.14		ppb
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	28.36	27.29	28.06	27.91	1.97	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-17	Instrumnet Name :	P8
Client Sample ID :	MW-04-7-17-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:59:14	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	66.58	63.12	63.01	64.24	3.16	ppb
Iron	54-2	29.35	26.70	24.59	26.88	8.87	ppb
Krypton	83-1						cps
Lead	206-1	3.05	3.07	3.26	3.13	3.82	ppb
Lead	207-1	3.07	2.91	3.13	3.04	3.72	ppb
Lead	208-1	3.11	3.03	3.20	3.11	2.69	ppb
Lithium	6-1				103		%
Magnesium	24-2	8940.09	9079.61	8959.58	8993.10	0.84	ppb
Manganese	55-2	9.81	9.52	9.72	9.68	1.53	ppb
Molybdenum	94-1	0.27	0.32	0.41	0.34	21.28	ppb
Molybdenum	95-1	0.25	0.23	0.28	0.25	9.30	ppb
Molybdenum	96-1	0.30	0.23	0.33	0.29	17.33	ppb
Molybdenum	97-1	0.24	0.29	0.23	0.25	12.09	ppb
Molybdenum	98-1	0.26	0.24	0.26	0.25	5.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.46	1.27	1.19	1.30	10.55	ppb
Phosphorus	31-2	9.58	-11.94	-25.60	-9.32		ppb
Potassium	39-2	6671.66	6741.33	6622.01	6678.33	0.90	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	2.00	1.29	0.50	1.26	59.08	ppb
Selenium	78-2	-0.09	0.35	0.88	0.38	128.02	ppb
Selenium	82-1	0.97	0.58	0.87	0.81	24.99	ppb
Silicon	28-1	367.35	373.75	412.12	384.41	6.30	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.75	ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.09	ppb
Sodium	23-2	174289.73	168988.27	167095.69	170124.56	2.19	ppb
Strontium	86-1	173.31	174.43	191.47	179.74	5.66	ppb
Strontium	88-1	176.64	181.92	196.89	185.15	5.67	ppb
Sulfur	34-1	13117.16	13245.51	16103.67	14155.44	11.93	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.05	0.06	0.05	23.38	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-17	Instrumnet Name :	P8
Client Sample ID :	MW-04-7-17-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:59:14	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.06	0.04	0.06	0.05	21.13	ppb
Tin	118-1	0.12	0.09	0.08	0.10	16.47	ppb
Titanium	47-1	0.76	0.64	0.79	0.73	11.03	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	28.07	ppb
Vanadium	51-2	0.20	0.21	0.21	0.21	3.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	12.61	12.91	12.53	12.68	1.59	ppb
Zirconium	90-1	0.04	0.06	0.06	0.05	17.96	ppb
Zirconium	91-1	0.08	0.07	0.08	0.07	9.79	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-18	Instrumnet Name :	P8
Client Sample ID :	MW-04-7-17-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:02:18	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.43	7.47	7.51	7.47	0.51	ppb
Antimony	121-1	0.04	0.05	0.07	0.05	26.99	ppb
Arsenic	75-2	0.08	0.11	0.10	0.10	15.45	ppb
Barium	135-1	197.87	185.63	189.81	191.10	3.25	ppb
Barium	137-1	196.15	183.78	188.33	189.42	3.30	ppb
Beryllium	9-1	0.07	0.07	0.08	0.07	2.35	ppb
Bismuth	209-1				97		%
Bismuth	209-2				110		%
Boron	10-1	50.88	51.09	52.82	51.60	2.06	ppb
Boron	11-1	57.27	57.50	59.09	57.95	1.70	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.35	-0.42	-0.60	-0.46		ppb
Cadmium	106-1	-6.14	-6.64	-8.88	-7.22		ppb
Cadmium	108-1	-0.01	-0.05	-0.01	-0.02		ppb
Calcium	43-1	30242.96	30491.21	29736.75	30156.97	1.28	ppb
Calcium	44-1	29886.05	31167.18	30147.80	30400.34	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.39	1.43	1.52	1.45	4.94	ppb
Cobalt	59-2	0.21	0.16	0.21	0.19	13.55	ppb
Copper	63-2	7.12	6.91	6.85	6.96	2.02	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
Gold	197-1	513.44	-58.60	130.24	195.03	149.45	ppb
Gold	197-2	-10.81	-10.81	19.21	-0.80		ppb
Holmium	165-1				102		%
Holmium	165-2				112		%
Indium	115-1				97		%
Indium	115-2				107		%
Iron	56-2	27.29	25.49	25.87	26.22	3.61	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-18	Instrumnet Name :	P8
Client Sample ID :	MW-04-7-17-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:02:18	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	54.92	52.87	59.80	55.86	6.37	ppb
Iron	54-2	27.79	27.58	26.12	27.17	3.35	ppb
Krypton	83-1						cps
Lead	206-1	2.08	2.04	2.12	2.08	1.80	ppb
Lead	207-1	2.05	2.15	2.09	2.10	2.42	ppb
Lead	208-1	2.07	2.10	2.11	2.09	1.00	ppb
Lithium	6-1				104		%
Magnesium	24-2	8107.00	7710.16	8178.33	7998.49	3.15	ppb
Manganese	55-2	3.25	3.15	3.08	3.16	2.80	ppb
Molybdenum	94-1	0.18	0.17	0.14	0.16	13.65	ppb
Molybdenum	95-1	0.17	0.13	0.20	0.17	21.92	ppb
Molybdenum	96-1	0.11	0.14	0.12	0.12	13.72	ppb
Molybdenum	97-1	0.19	0.11	0.15	0.15	26.41	ppb
Molybdenum	98-1	0.15	0.13	0.14	0.14	8.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.57	2.41	2.49	2.49	3.25	ppb
Phosphorus	31-2	-27.71	-29.74	-44.42	-33.96		ppb
Potassium	39-2	6063.54	5740.60	6068.06	5957.40	3.15	ppb
Rhodium	103-1				97		%
Rhodium	103-2				110		%
Scandium	45-1				101		%
Scandium	45-2				110		%
Selenium	77-2	2.45	0.42	1.82	1.56	66.48	ppb
Selenium	78-2	-1.46	-0.85	-0.93	-1.08		ppb
Selenium	82-1	0.76	1.15	1.15	1.02	22.18	ppb
Silicon	28-1	387.31	399.13	382.59	389.68	2.19	ppb
Silver	107-1	0.00	0.00	0.00	0.00	145.77	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.05	ppb
Sodium	23-2	155191.62	149982.96	154373.06	153182.55	1.83	ppb
Strontium	86-1	177.99	181.15	184.21	181.12	1.72	ppb
Strontium	88-1	180.74	184.10	188.19	184.34	2.03	ppb
Sulfur	34-1	11466.84	14866.65	14148.71	13494.07	13.28	ppb
Terbium	159-1				100		%
Terbium	159-2				113		%
Thallium	203-1	0.06	0.06	0.04	0.05	14.15	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-18	Instrumnet Name :	P8
Client Sample ID :	MW-04-7-17-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:02:18	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.06	0.04	0.04	0.05	14.28	ppb
Tin	118-1	0.07	0.07	0.08	0.07	14.93	ppb
Titanium	47-1	0.62	0.82	0.71	0.72	14.22	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.94	ppb
Vanadium	51-2	0.14	0.14	0.18	0.16	14.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				113		%
Zinc	66-2	12.78	11.78	12.72	12.43	4.52	ppb
Zirconium	90-1	0.01	0.02	0.04	0.02	49.99	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	32.31	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-20	Instrumnet Name :	P8
Client Sample ID :	BR-02-133-143-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:05:25	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	183.54	189.45	182.99	185.33	1.93	ppb
Antimony	121-1	0.24	0.24	0.22	0.23	4.76	ppb
Arsenic	75-2	0.48	0.50	0.44	0.47	5.95	ppb
Barium	135-1	130.89	131.71	129.61	130.74	0.81	ppb
Barium	137-1	135.27	132.92	129.24	132.48	2.29	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	3.06	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	25.44	25.00	26.05	25.50	2.06	ppb
Boron	11-1	27.51	28.08	28.26	27.95	1.39	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.43	-0.58	-0.68	-0.57		ppb
Cadmium	106-1	-5.35	-7.21	-8.45	-7.01		ppb
Cadmium	108-1	-0.12	0.05	0.08	0.01	1870.42	ppb
Calcium	43-1	19742.93	19355.63	18508.21	19202.26	3.29	ppb
Calcium	44-1	20520.22	20007.18	18805.98	19777.79	4.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.44	1.49	1.37	1.43	4.16	ppb
Cobalt	59-2	0.30	0.26	0.29	0.28	6.59	ppb
Copper	63-2	1.07	1.06	0.95	1.03	6.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-58.60	-58.60	118.57	0.46	22412.95	ppb
Gold	197-2	21.66	-10.81	-10.81	0.02	111644.38	ppb
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	2538.40	2563.54	2482.82	2528.25	1.63	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-20	Instrumnet Name :	P8
Client Sample ID :	BR-02-133-143-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:05:25	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	2505.40	2500.78	2347.64	2451.28	3.66	ppb
Iron	54-2	2391.45	2450.85	2348.88	2397.06	2.14	ppb
Krypton	83-1						cps
Lead	206-1	0.64	0.59	0.65	0.63	5.28	ppb
Lead	207-1	0.62	0.59	0.66	0.63	5.76	ppb
Lead	208-1	0.65	0.60	0.63	0.63	3.46	ppb
Lithium	6-1				105		%
Magnesium	24-2	3555.54	3588.29	3453.16	3532.33	2.00	ppb
Manganese	55-2	127.75	128.83	124.16	126.91	1.93	ppb
Molybdenum	94-1	0.49	0.45	0.43	0.46	6.03	ppb
Molybdenum	95-1	0.40	0.33	0.38	0.37	9.36	ppb
Molybdenum	96-1	0.39	0.36	0.43	0.39	8.74	ppb
Molybdenum	97-1	0.39	0.34	0.40	0.38	8.09	ppb
Molybdenum	98-1	0.39	0.32	0.33	0.35	11.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.55	0.50	0.53	6.13	ppb
Phosphorus	31-2	248.90	264.55	169.17	227.54	22.48	ppb
Potassium	39-2	7127.74	7303.63	7134.50	7188.62	1.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	0.53	-0.26	-0.26	0.01	8540.66	ppb
Selenium	78-2	-0.27	-0.47	-0.11	-0.28		ppb
Selenium	82-1	0.36	0.42	0.61	0.46	28.54	ppb
Silicon	28-1	1729.34	1694.19	1614.36	1679.30	3.51	ppb
Silver	107-1	0.01	0.01	0.00	0.00	68.63	ppb
Silver	109-1	0.01	0.01	0.00	0.01	64.24	ppb
Sodium	23-2	6984.07	6848.15	6737.82	6856.68	1.80	ppb
Strontium	86-1	215.89	201.39	204.17	207.15	3.71	ppb
Strontium	88-1	224.97	205.48	213.33	214.60	4.57	ppb
Sulfur	34-1	2018.26	1577.74	1260.87	1618.96	23.50	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.02	-0.01	0.01	0.01	311.88	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-20	Instrumnet Name :	P8
Client Sample ID :	BR-02-133-143-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:05:25	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	-0.01	0.00	0.01	0.00	464.20	ppb
Tin	118-1	0.23	0.30	0.26	0.26	14.34	ppb
Titanium	47-1	9.63	8.80	8.94	9.12	4.91	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	4.95	ppb
Vanadium	51-2	0.78	0.69	0.78	0.75	6.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	8.56	8.27	8.08	8.30	2.97	ppb
Zirconium	90-1	0.08	0.06	0.09	0.08	19.35	ppb
Zirconium	91-1	0.06	0.08	0.06	0.07	18.02	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-21	Instrumnet Name :	P8
Client Sample ID :	BR-02-133-143-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:08:30	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.87	9.13	8.87	8.96	1.71	ppb
Antimony	121-1	0.24	0.24	0.23	0.23	3.02	ppb
Arsenic	75-2	0.48	0.49	0.49	0.48	1.27	ppb
Barium	135-1	124.72	131.40	122.81	126.31	3.57	ppb
Barium	137-1	126.33	132.34	122.98	127.22	3.73	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	21.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	21.83	24.82	22.74	23.13	6.63	ppb
Boron	11-1	23.66	27.25	24.68	25.20	7.35	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.70	-0.69	-0.54	-0.64		ppb
Cadmium	106-1	-8.72	-8.43	-6.79	-7.98		ppb
Cadmium	108-1	-0.08	0.06	-0.09	-0.04		ppb
Calcium	43-1	18065.21	19967.92	18235.08	18756.07	5.61	ppb
Calcium	44-1	18980.73	20700.80	18071.39	19250.98	6.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.91	0.82	0.88	0.87	4.98	ppb
Cobalt	59-2	0.07	0.07	0.07	0.07	6.24	ppb
Copper	63-2	3.59	3.62	3.51	3.57	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	297.07	-58.60	286.88	175.12	115.62	ppb
Gold	197-2	-10.81	20.68	-10.81	-0.31		ppb
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	1549.56	1494.46	1473.11	1505.71	2.62	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-21	Instrumnet Name :	P8
Client Sample ID :	BR-02-133-143-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:08:30	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	1496.81	1479.45	1470.34	1482.20	0.91	ppb
Iron	54-2	1424.29	1433.92	1447.05	1435.08	0.80	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.27	0.23	0.25	8.28	ppb
Lead	207-1	0.22	0.26	0.23	0.24	8.58	ppb
Lead	208-1	0.22	0.26	0.23	0.24	8.09	ppb
Lithium	6-1				107		%
Magnesium	24-2	3469.70	3477.80	3469.30	3472.27	0.14	ppb
Manganese	55-2	118.95	117.60	115.93	117.49	1.29	ppb
Molybdenum	94-1	0.79	0.35	0.34	0.50	52.31	ppb
Molybdenum	95-1	0.33	0.37	0.37	0.36	6.11	ppb
Molybdenum	96-1	0.37	0.37	0.31	0.35	10.85	ppb
Molybdenum	97-1	0.35	0.40	0.37	0.37	7.24	ppb
Molybdenum	98-1	0.37	0.40	0.33	0.37	8.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.84	0.78	0.80	3.71	ppb
Phosphorus	31-2	140.17	174.45	145.90	153.51	11.96	ppb
Potassium	39-2	7456.16	7416.38	7340.42	7404.32	0.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	-0.26	0.52	-0.26	0.00	30089.85	ppb
Selenium	78-2	0.14	-0.49	-0.93	-0.43		ppb
Selenium	82-1	0.22	-0.27	0.12	0.02	1116.22	ppb
Silicon	28-1	1575.06	1753.18	1620.70	1649.65	5.61	ppb
Silver	107-1	0.00	0.01	0.00	0.00	25.04	ppb
Silver	109-1	0.01	0.00	0.00	0.01	47.01	ppb
Sodium	23-2	6735.69	6841.95	6855.77	6811.14	0.96	ppb
Strontium	86-1	204.02	215.38	196.36	205.25	4.66	ppb
Strontium	88-1	208.86	222.94	203.79	211.86	4.68	ppb
Sulfur	34-1	1036.34	2055.66	1190.12	1427.37	38.50	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	0.01	0.01	0.00	267.16	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-21	Instrumnet Name :	P8
Client Sample ID :	BR-02-133-143-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:08:30	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.06	0.08	0.04	0.06	35.97	ppb
Titanium	47-1	1.23	1.40	1.02	1.22	15.93	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	10.85	ppb
Vanadium	51-2	0.04	0.09	0.05	0.06	36.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	5.57	5.16	5.69	5.47	5.08	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	111.64	ppb
Zirconium	91-1	0.00	0.02	0.04	0.02	121.91	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-01	Instrumnet Name :	P8
Client Sample ID :	MW-05-3-13-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:11:37	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	172.10	163.17	164.91	166.73	2.84	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	4.64	ppb
Arsenic	75-2	4.99	4.97	4.92	4.96	0.73	ppb
Barium	135-1	99.46	104.91	99.54	101.30	3.08	ppb
Barium	137-1	94.73	106.41	98.68	99.94	5.94	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	4.09	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	18.59	19.95	19.48	19.34	3.57	ppb
Boron	11-1	20.20	21.92	21.19	21.10	4.09	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.56	-0.43	-0.41	-0.47		ppb
Cadmium	106-1	-8.08	-6.67	-6.30	-7.02		ppb
Cadmium	108-1	0.14	0.32	0.12	0.19	57.07	ppb
Calcium	43-1	11234.38	10911.06	10385.63	10843.69	3.95	ppb
Calcium	44-1	11295.06	11475.92	10830.41	11200.46	2.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.77	0.75	0.73	0.75	2.33	ppb
Cobalt	59-2	1.02	0.98	1.01	1.00	1.73	ppb
Copper	63-2	0.83	0.78	0.88	0.83	6.37	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
Gold	197-1	110.57	-58.60	-58.60	-2.21		ppb
Gold	197-2	-10.81	-10.81	19.32	-0.77		ppb
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	10010.27	9888.77	9751.06	9883.37	1.31	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-01	Instrumnet Name :	P8
Client Sample ID :	MW-05-3-13-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:11:37	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	9664.94	9630.51	9469.99	9588.48	1.09	ppb
Iron	54-2	9826.96	9686.53	9587.85	9700.44	1.24	ppb
Krypton	83-1						cps
Lead	206-1	1.77	1.98	1.94	1.89	5.84	ppb
Lead	207-1	1.75	1.79	1.67	1.74	3.47	ppb
Lead	208-1	1.74	1.90	1.82	1.82	4.13	ppb
Lithium	6-1				104		%
Magnesium	24-2	4071.49	4110.58	4132.62	4104.90	0.75	ppb
Manganese	55-2	168.64	166.18	164.14	166.32	1.36	ppb
Molybdenum	94-1	0.55	0.66	0.53	0.58	11.76	ppb
Molybdenum	95-1	0.18	0.20	0.17	0.18	9.52	ppb
Molybdenum	96-1	0.37	0.41	0.43	0.40	6.97	ppb
Molybdenum	97-1	0.17	0.15	0.19	0.17	13.45	ppb
Molybdenum	98-1	0.16	0.21	0.19	0.19	13.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.18	1.10	1.14	3.56	ppb
Phosphorus	31-2	-8.91	-6.76	-3.67	-6.45		ppb
Potassium	39-2	4261.14	4093.44	4124.67	4159.75	2.14	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-0.60	-0.54	0.17	-0.32		ppb
Selenium	82-1	-0.02	0.49	0.35	0.27	95.22	ppb
Silicon	28-1	1020.60	1021.32	938.82	993.58	4.77	ppb
Silver	107-1	0.00	0.00	0.00	0.00	87.80	ppb
Silver	109-1	0.00	0.00	0.01	0.00	96.37	ppb
Sodium	23-2	5794.88	5665.68	5815.53	5758.70	1.41	ppb
Strontium	86-1	124.60	133.92	124.78	127.77	4.17	ppb
Strontium	88-1	131.80	137.63	126.34	131.92	4.28	ppb
Sulfur	34-1	-880.98	-884.64	-1196.48	-987.37		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.00	0.00	0.00	71.34	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-01	Instrumnet Name :	P8
Client Sample ID :	MW-05-3-13-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:11:37	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.01	0.02	0.00	0.01	79.79	ppb
Tin	118-1	0.06	0.09	0.08	0.08	17.57	ppb
Titanium	47-1	1.94	2.64	2.11	2.23	16.30	ppb
Uranium	238-1	0.07	0.08	0.08	0.08	6.32	ppb
Vanadium	51-2	0.96	0.91	0.90	0.92	4.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	13.37	13.86	13.28	13.50	2.31	ppb
Zirconium	90-1	0.22	0.30	0.27	0.26	15.23	ppb
Zirconium	91-1	0.34	0.21	0.25	0.27	23.82	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-02	Instrumnet Name :	P8
Client Sample ID :	MW-05-3-13-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:14:42	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.09	3.64	4.21	3.98	7.51	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	30.13	ppb
Arsenic	75-2	4.79	5.07	4.88	4.91	2.92	ppb
Barium	135-1	106.52	99.87	99.58	101.99	3.85	ppb
Barium	137-1	105.33	102.01	98.47	101.93	3.37	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	9.42	ppb
Bismuth	209-1				98		%
Bismuth	209-2				105		%
Boron	10-1	19.05	19.38	18.30	18.91	2.92	ppb
Boron	11-1	20.66	21.61	20.13	20.80	3.61	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.41	-0.58	-0.71	-0.57		ppb
Cadmium	106-1	-4.98	-7.29	-8.79	-7.02		ppb
Cadmium	108-1	0.15	-0.01	-0.12	0.01	1255.80	ppb
Calcium	43-1	11377.74	11437.44	10657.76	11157.65	3.89	ppb
Calcium	44-1	11685.25	11675.35	11150.54	11503.71	2.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.28	0.35	0.32	9.99	ppb
Cobalt	59-2	1.00	1.02	0.94	0.99	4.27	ppb
Copper	63-2	0.20	0.25	0.27	0.24	15.74	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
Gold	197-1	-58.60	-58.60	296.41	59.74	343.12	ppb
Gold	197-2	19.66	-10.81	-10.81	-0.65		ppb
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	9344.80	9429.15	9479.06	9417.67	0.72	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-02	Instrumnet Name :	P8
Client Sample ID :	MW-05-3-13-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:14:42	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	8915.20	9119.29	8970.98	9001.83	1.17	ppb
Iron	54-2	9050.12	9019.54	9016.57	9028.74	0.21	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.15	0.13	0.14	6.62	ppb
Lead	207-1	0.13	0.16	0.14	0.14	9.18	ppb
Lead	208-1	0.14	0.14	0.12	0.13	5.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	3807.43	3955.60	3919.60	3894.21	1.98	ppb
Manganese	55-2	159.38	160.13	158.62	159.38	0.47	ppb
Molybdenum	94-1	0.26	0.22	0.29	0.26	12.36	ppb
Molybdenum	95-1	0.33	0.39	0.34	0.35	9.45	ppb
Molybdenum	96-1	0.50	0.48	0.47	0.48	3.22	ppb
Molybdenum	97-1	0.39	0.47	0.27	0.38	27.57	ppb
Molybdenum	98-1	0.32	0.36	0.30	0.33	9.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.37	1.22	1.26	8.07	ppb
Phosphorus	31-2	-11.64	-17.38	-15.70	-14.91		ppb
Potassium	39-2	3962.94	4044.60	4020.28	4009.27	1.05	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	-0.26	0.52	-0.26	0.00	24850.78	ppb
Selenium	78-2	-0.01	-1.10	-0.59	-0.57		ppb
Selenium	82-1	0.33	0.70	0.28	0.44	52.75	ppb
Silicon	28-1	1027.17	1006.31	971.81	1001.77	2.79	ppb
Silver	107-1	0.00	0.00	0.00	0.00	201.60	ppb
Silver	109-1	0.01	0.00	0.01	0.01	54.22	ppb
Sodium	23-2	5564.39	5714.88	5490.85	5590.04	2.04	ppb
Strontium	86-1	134.65	133.01	121.67	129.78	5.45	ppb
Strontium	88-1	140.41	138.97	123.83	134.40	6.83	ppb
Sulfur	34-1	-14.34	-197.17	-491.64	-234.38		ppb
Terbium	159-1				96		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.01	-0.01	0.00		ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-02	Instrumnet Name :	P8
Client Sample ID :	MW-05-3-13-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:14:42	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.07	-0.01	0.02	0.03	152.84	ppb
Titanium	47-1	0.74	0.52	0.65	0.64	16.90	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.13	ppb
Vanadium	51-2	0.05	0.07	0.08	0.06	25.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	11.00	11.43	11.37	11.27	2.06	ppb
Zirconium	90-1	-0.01	0.01	0.02	0.01	234.49	ppb
Zirconium	91-1	0.02	0.02	0.00	0.01	69.23	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-05	Instrumnet Name :	P8
Client Sample ID :	BR-01-180-200-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:17:49	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	213.26	214.24	203.90	210.47	2.71	ppb
Antimony	121-1	3.07	2.81	2.67	2.85	7.16	ppb
Arsenic	75-2	1.72	1.65	1.62	1.66	3.27	ppb
Barium	135-1	37.21	37.78	37.51	37.50	0.76	ppb
Barium	137-1	38.93	38.88	37.32	38.38	2.38	ppb
Beryllium	9-1	0.07	0.07	0.05	0.07	21.04	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	48.21	50.54	49.65	49.47	2.38	ppb
Boron	11-1	52.21	55.14	55.08	54.14	3.10	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.69	-0.65	-0.49	-0.61		ppb
Cadmium	106-1	-8.84	-7.95	-6.09	-7.62		ppb
Cadmium	108-1	0.06	0.28	0.18	0.18	62.99	ppb
Calcium	43-1	19660.14	19145.43	18613.40	19139.66	2.73	ppb
Calcium	44-1	20445.09	19762.59	18619.38	19609.02	4.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.99	2.92	2.99	2.97	1.38	ppb
Cobalt	59-2	0.55	0.54	0.55	0.55	1.39	ppb
Copper	63-2	8.98	9.46	8.94	9.13	3.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	123.18	118.59	296.35	179.37	56.49	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	571.76	590.19	570.49	577.48	1.91	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-05	Instrumnet Name :	P8
Client Sample ID :	BR-01-180-200-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:17:49	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	577.59	592.74	567.22	579.18	2.22	ppb
Iron	54-2	559.56	593.50	554.77	569.28	3.71	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.96	0.88	0.94	5.11	ppb
Lead	207-1	0.91	0.91	0.90	0.91	0.54	ppb
Lead	208-1	0.91	0.94	0.91	0.92	1.80	ppb
Lithium	6-1				105		%
Magnesium	24-2	2237.22	2298.44	2209.30	2248.32	2.03	ppb
Manganese	55-2	53.73	55.32	54.07	54.38	1.54	ppb
Molybdenum	94-1	14.62	13.85	13.63	14.04	3.70	ppb
Molybdenum	95-1	17.33	16.26	16.00	16.53	4.26	ppb
Molybdenum	96-1	16.37	15.92	15.56	15.95	2.55	ppb
Molybdenum	97-1	17.88	16.88	16.07	16.94	5.35	ppb
Molybdenum	98-1	16.81	16.52	15.49	16.27	4.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.29	2.31	2.36	2.32	1.58	ppb
Phosphorus	31-2	379.78	319.86	338.41	346.01	8.87	ppb
Potassium	39-2	12741.77	12461.99	12061.44	12421.73	2.75	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	1.33	-0.26	2.10	1.06	113.66	ppb
Selenium	78-2	-0.03	-0.33	-0.78	-0.38		ppb
Selenium	82-1	0.14	0.68	0.58	0.47	62.09	ppb
Silicon	28-1	600.88	575.35	549.71	575.31	4.45	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	361.04	ppb
Sodium	23-2	72788.91	75948.59	74653.77	74463.76	2.13	ppb
Strontium	86-1	493.12	484.03	475.33	484.16	1.84	ppb
Strontium	88-1	519.02	510.34	487.20	505.52	3.25	ppb
Sulfur	34-1	15383.03	14969.94	13854.40	14735.79	5.37	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.00	0.00	317.53	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-05	Instrumnet Name :	P8
Client Sample ID :	BR-01-180-200-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:17:49	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.01	0.00	-0.01	0.00	1576.81	ppb
Tin	118-1	0.42	0.40	0.44	0.42	4.99	ppb
Titanium	47-1	4.53	4.84	4.41	4.59	4.88	ppb
Uranium	238-1	0.31	0.29	0.30	0.30	3.60	ppb
Vanadium	51-2	2.33	2.67	2.23	2.41	9.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	15.85	16.07	15.58	15.83	1.54	ppb
Zirconium	90-1	0.19	0.22	0.20	0.20	9.43	ppb
Zirconium	91-1	0.25	0.21	0.18	0.21	16.16	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-06	Instrumnet Name :	P8
Client Sample ID :	BR-01-180-200-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:20:54	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.73	63.83	63.60	61.05	7.55	ppb
Antimony	121-1	1.88	1.94	1.92	1.91	1.59	ppb
Arsenic	75-2	1.25	1.65	1.44	1.45	13.58	ppb
Barium	135-1	63.48	63.01	62.89	63.13	0.50	ppb
Barium	137-1	61.85	64.08	64.54	63.49	2.27	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	8.30	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	47.85	53.23	54.68	51.92	6.93	ppb
Boron	11-1	55.15	58.53	59.98	57.89	4.28	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.35	-0.65	-0.81	-0.60		ppb
Cadmium	106-1	-4.95	-8.99	-10.58	-8.17		ppb
Cadmium	108-1	0.58	0.42	0.12	0.37	63.34	ppb
Calcium	43-1	17512.62	17894.28	17260.64	17555.85	1.82	ppb
Calcium	44-1	18242.21	18588.81	18180.31	18337.11	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.37	2.51	2.49	2.46	3.17	ppb
Cobalt	59-2	0.10	0.09	0.11	0.10	10.07	ppb
Copper	63-2	0.81	1.05	1.09	0.99	15.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-58.60	109.50	114.63	55.18	178.64	ppb
Gold	197-2	17.47	-10.81	-10.81	-1.38		ppb
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	75.23	83.87	86.22	81.77	7.07	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-06	Instrumnet Name :	P8
Client Sample ID :	BR-01-180-200-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:20:54	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	92.64	97.69	106.51	98.95	7.09	ppb
Iron	54-2	73.92	87.48	93.14	84.84	11.64	ppb
Krypton	83-1						cps
Lead	206-1	0.76	0.75	0.83	0.78	5.80	ppb
Lead	207-1	0.72	0.76	0.81	0.76	6.28	ppb
Lead	208-1	0.79	0.77	0.80	0.79	1.71	ppb
Lithium	6-1				105		%
Magnesium	24-2	1494.64	1726.75	1728.02	1649.80	8.15	ppb
Manganese	55-2	24.38	27.70	27.66	26.58	7.16	ppb
Molybdenum	94-1	14.69	14.69	14.79	14.72	0.39	ppb
Molybdenum	95-1	17.95	18.02	16.81	17.59	3.85	ppb
Molybdenum	96-1	17.51	17.87	16.64	17.34	3.64	ppb
Molybdenum	97-1	17.69	18.12	16.89	17.57	3.53	ppb
Molybdenum	98-1	17.17	17.40	16.81	17.13	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.21	1.18	1.16	5.67	ppb
Phosphorus	31-2	245.47	323.31	318.02	295.60	14.71	ppb
Potassium	39-2	10468.95	11976.35	12359.76	11601.68	8.62	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	-0.26	0.52	0.51	0.26	173.11	ppb
Selenium	78-2	-1.06	0.01	-0.63	-0.56		ppb
Selenium	82-1	1.18	0.56	0.53	0.76	48.43	ppb
Silicon	28-1	548.31	548.26	520.02	538.86	3.03	ppb
Silver	107-1	0.00	0.01	0.01	0.01	41.48	ppb
Silver	109-1	0.01	0.02	0.01	0.01	3.60	ppb
Sodium	23-2	66212.70	75303.56	74095.05	71870.44	6.87	ppb
Strontium	86-1	463.48	463.56	454.01	460.35	1.19	ppb
Strontium	88-1	475.41	478.82	472.30	475.51	0.69	ppb
Sulfur	34-1	14823.22	13820.94	13709.33	14117.83	4.35	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.01	-0.01	0.00	0.00		ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-06	Instrumnet Name :	P8
Client Sample ID :	BR-01-180-200-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:20:54	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	-0.02	-0.02	-0.01	-0.01		ppb
Tin	118-1	1.54	1.70	1.64	1.63	4.70	ppb
Titanium	47-1	2.26	2.08	2.17	2.17	4.12	ppb
Uranium	238-1	0.26	0.24	0.25	0.25	2.91	ppb
Vanadium	51-2	1.72	1.94	1.84	1.83	5.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	21.88	23.76	24.33	23.32	5.49	ppb
Zirconium	90-1	0.26	0.24	0.24	0.25	4.31	ppb
Zirconium	91-1	0.31	0.32	0.24	0.29	15.09	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-11	Instrumnet Name :	P8
Client Sample ID :	BR-03-117-137-090222	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:24:01	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	130.56	129.95	131.74	130.75	0.70	ppb
Antimony	121-1	1.84	1.66	1.86	1.79	6.10	ppb
Arsenic	75-2	14.30	15.34	15.99	15.21	5.61	ppb
Barium	135-1	107.09	95.82	103.05	101.99	5.60	ppb
Barium	137-1	104.30	94.91	105.81	101.67	5.81	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	21.31	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	35.48	32.32	35.23	34.34	5.11	ppb
Boron	11-1	39.05	35.49	39.04	37.86	5.42	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.62	-0.62	-0.68	-0.64		ppb
Cadmium	106-1	-7.95	-8.02	-8.67	-8.21		ppb
Cadmium	108-1	-0.12	-0.06	0.08	-0.03		ppb
Calcium	43-1	41873.68	37494.57	39958.24	39775.49	5.52	ppb
Calcium	44-1	43162.50	38165.52	40323.18	40550.40	6.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.57	1.65	1.56	1.59	3.11	ppb
Cobalt	59-2	0.51	0.49	0.51	0.51	2.17	ppb
Copper	63-2	1.36	1.43	1.43	1.41	2.96	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
Gold	197-1	477.83	102.10	-58.60	173.77	158.43	ppb
Gold	197-2	20.40	-10.81	-10.81	-0.40		ppb
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	205.31	202.86	212.59	206.92	2.45	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-11	Instrumnet Name :	P8
Client Sample ID :	BR-03-117-137-090222	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:24:01	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	260.72	252.70	257.71	257.04	1.57	ppb
Iron	54-2	203.27	203.01	215.79	207.36	3.52	ppb
Krypton	83-1						cps
Lead	206-1	0.76	0.70	0.76	0.74	5.02	ppb
Lead	207-1	0.78	0.70	0.73	0.74	5.06	ppb
Lead	208-1	0.79	0.68	0.76	0.74	7.51	ppb
Lithium	6-1				107		%
Magnesium	24-2	11614.65	11552.76	11777.58	11648.33	1.00	ppb
Manganese	55-2	218.31	215.81	224.56	219.56	2.05	ppb
Molybdenum	94-1	4.85	4.24	4.20	4.43	8.16	ppb
Molybdenum	95-1	5.60	4.85	5.10	5.18	7.42	ppb
Molybdenum	96-1	5.29	4.81	5.15	5.08	4.87	ppb
Molybdenum	97-1	5.57	4.81	5.17	5.19	7.36	ppb
Molybdenum	98-1	5.44	4.74	4.75	4.98	8.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.51	0.60	0.57	8.43	ppb
Phosphorus	31-2	253.32	141.37	216.10	203.60	28.00	ppb
Potassium	39-2	10430.39	10568.63	10648.59	10549.21	1.05	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				99		%
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-1.96	-0.01	0.10	-0.62		ppb
Selenium	82-1	0.63	0.31	0.78	0.57	41.25	ppb
Silicon	28-1	1306.47	1136.24	1250.92	1231.21	7.05	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	80.35	ppb
Sodium	23-2	20467.61	20638.54	20821.81	20642.65	0.86	ppb
Strontium	86-1	412.15	376.50	380.93	389.86	4.98	ppb
Strontium	88-1	420.91	383.51	383.67	396.03	5.44	ppb
Sulfur	34-1	3764.11	2114.64	3220.31	3033.02	27.71	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.01	-0.02	0.00	0.00		ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-11	Instrumnet Name :	P8
Client Sample ID :	BR-03-117-137-090222	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:24:01	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.24	0.28	0.25	0.26	6.39	ppb
Titanium	47-1	7.24	7.92	6.79	7.32	7.75	ppb
Uranium	238-1	0.62	0.55	0.56	0.58	6.47	ppb
Vanadium	51-2	1.13	1.11	1.18	1.14	2.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	6.95	6.63	7.12	6.90	3.60	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	11.04	ppb
Zirconium	91-1	0.04	0.04	0.07	0.05	31.64	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:30:48	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52291.28	53481.69	52626.72	52799.90	1.16	ppb
Antimony	121-1	494.94	467.48	467.65	476.69	3.32	ppb
Arsenic	75-2	463.54	490.68	465.25	473.15	3.21	ppb
Barium	135-1	2568.93	2420.10	2412.65	2467.23	3.57	ppb
Barium	137-1	2441.66	2332.61	2367.65	2380.64	2.34	ppb
Beryllium	9-1	499.10	454.87	457.45	470.47	5.28	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	456.85	443.46	465.48	455.26	2.44	ppb
Boron	11-1	482.94	454.38	472.91	470.08	3.08	ppb
Bromine	81-1						cps
Cadmium	111-1	475.09	442.57	433.01	450.22	4.90	ppb
Cadmium	106-1	477.45	451.36	457.24	462.02	2.96	ppb
Cadmium	108-1	474.35	449.24	453.11	458.90	2.95	ppb
Calcium	43-1	252629.44	246802.78	241528.02	246986.75	2.25	ppb
Calcium	44-1	257810.14	242026.74	240457.36	246764.75	3.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.31	492.10	480.40	484.60	1.34	ppb
Cobalt	59-2	500.33	511.55	492.32	501.40	1.93	ppb
Copper	63-2	4990.28	4900.13	4846.18	4912.19	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	534.78	1036.06	306.69	625.84	59.62	ppb
Gold	197-2	440.09	518.55	410.74	456.46	12.21	ppb
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	125831.56	130100.46	123469.04	126467.02	2.66	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:30:48	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	127393.32	130362.74	125135.02	127630.36	2.05	ppb
Iron	54-2	127948.84	129183.40	125743.70	127625.32	1.37	ppb
Krypton	83-1						cps
Lead	206-1	2546.22	2341.90	2475.22	2454.45	4.23	ppb
Lead	207-1	2562.60	2401.14	2403.29	2455.68	3.77	ppb
Lead	208-1	2580.96	2404.79	2437.88	2474.54	3.78	ppb
Lithium	6-1				103		%
Magnesium	24-2	257746.26	267373.55	253045.66	259388.49	2.82	ppb
Manganese	55-2	5171.64	5112.97	5022.25	5102.29	1.48	ppb
Molybdenum	94-1	4931.86	4763.76	4824.85	4840.16	1.76	ppb
Molybdenum	95-1	4943.47	4731.38	4735.15	4803.33	2.53	ppb
Molybdenum	96-1	4776.17	4744.71	4812.40	4777.76	0.71	ppb
Molybdenum	97-1	4849.28	4734.53	4697.62	4760.48	1.66	ppb
Molybdenum	98-1	4862.26	4770.83	4535.66	4722.92	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.68	495.04	476.85	484.52	1.94	ppb
Phosphorus	31-2	9949.54	10407.81	9761.28	10039.54	3.31	ppb
Potassium	39-2	125471.73	124828.11	121860.63	124053.49	1.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	469.78	544.79	476.40	496.99	8.36	ppb
Selenium	78-2	463.29	482.92	452.25	466.16	3.33	ppb
Selenium	82-1	453.68	436.64	437.21	442.51	2.19	ppb
Silicon	28-1	503.09	518.95	492.44	504.83	2.64	ppb
Silver	107-1	466.40	438.21	443.59	449.40	3.33	ppb
Silver	109-1	479.89	454.52	447.46	460.63	3.70	ppb
Sodium	23-2	258663.11	260557.84	255672.24	258297.73	0.95	ppb
Strontium	86-1	12185.32	11737.68	11458.04	11793.68	3.11	ppb
Strontium	88-1	12516.10	11672.85	11946.83	12045.26	3.57	ppb
Sulfur	34-1	12390.05	11422.20	10885.31	11565.85	6.59	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	514.61	482.63	493.44	496.90	3.27	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:30:48	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	518.37	489.87	501.48	503.24	2.85	ppb
Tin	118-1	525.74	497.30	505.32	509.45	2.88	ppb
Titanium	47-1	4991.85	4767.69	4692.06	4817.20	3.24	ppb
Uranium	238-1	534.56	505.28	504.69	514.84	3.32	ppb
Vanadium	51-2	489.50	507.02	478.10	491.54	2.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	4518.84	4582.68	4416.77	4506.10	1.86	ppb
Zirconium	90-1	505.75	477.58	463.41	482.25	4.47	ppb
Zirconium	91-1	478.67	464.73	463.37	468.92	1.81	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:33:44	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.16	0.39	0.27	42.59	ppb
Antimony	121-1	0.12	0.17	0.24	0.17	34.34	ppb
Arsenic	75-2	0.03	0.00	0.01	0.01	130.76	ppb
Barium	135-1	0.01	0.01	0.00	0.01	96.98	ppb
Barium	137-1	0.03	0.02	0.01	0.02	52.32	ppb
Beryllium	9-1	0.06	0.06	0.05	0.06	8.60	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	24.17	21.46	20.90	22.18	7.88	ppb
Boron	11-1	26.12	23.96	22.15	24.08	8.24	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.71	-0.61	-0.70	-0.67		ppb
Cadmium	106-1	-8.90	-7.47	-8.45	-8.27		ppb
Cadmium	108-1	0.14	0.21	0.36	0.23	47.77	ppb
Calcium	43-1	-1.41	0.07	-1.34	-0.89		ppb
Calcium	44-1	-5.64	-7.35	-5.53	-6.18		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.06	0.03	0.04	32.16	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.01	0.09	0.03	0.04	91.32	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
Gold	197-1	106.96	-58.60	-58.60	-3.41		ppb
Gold	197-2	-10.81	20.35	-10.81	-0.42		ppb
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	0.54	0.63	0.30	0.49	34.49	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:33:44	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	-0.98	-0.62	-0.87	-0.82		ppb
Iron	54-2	0.64	-0.27	1.04	0.47	142.81	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.02	0.03	22.87	ppb
Lead	207-1	0.04	0.02	0.04	0.04	29.30	ppb
Lead	208-1	0.05	0.04	0.04	0.04	21.02	ppb
Lithium	6-1				109		%
Magnesium	24-2	0.70	0.90	0.56	0.72	23.34	ppb
Manganese	55-2	0.04	0.02	0.05	0.03	41.53	ppb
Molybdenum	94-1	0.83	0.60	0.67	0.70	16.54	ppb
Molybdenum	95-1	0.97	0.83	0.73	0.84	14.51	ppb
Molybdenum	96-1	0.97	0.78	0.68	0.81	18.30	ppb
Molybdenum	97-1	0.91	0.82	0.81	0.85	6.36	ppb
Molybdenum	98-1	0.95	0.79	0.75	0.83	12.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	-0.02	0.00	1515.37	ppb
Phosphorus	31-2	-36.88	11.27	-37.75	-21.12		ppb
Potassium	39-2	4.69	1.29	-0.75	1.75	157.39	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-0.55	-1.41	-0.27	-0.74		ppb
Selenium	82-1	-0.06	-0.09	0.25	0.03	568.43	ppb
Silicon	28-1	-1.46	-2.12	-1.66	-1.75		ppb
Silver	107-1	0.06	0.08	0.07	0.07	11.28	ppb
Silver	109-1	0.07	0.08	0.07	0.07	1.20	ppb
Sodium	23-2	50.66	48.47	53.70	50.94	5.15	ppb
Strontium	86-1	0.09	0.08	0.13	0.10	23.65	ppb
Strontium	88-1	0.11	0.09	0.12	0.11	14.73	ppb
Sulfur	34-1	-1321.67	-1438.50	-1046.19	-1268.79		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.04	0.04	0.05	30.42	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:33:44	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.04	0.04	0.05	0.05	12.62	ppb
Tin	118-1	0.00	0.00	0.03	0.01	180.96	ppb
Titanium	47-1	0.00	0.04	0.05	0.03	78.63	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	72.66	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	169.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	0.03	0.02	0.03	0.03	22.98	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	133.00	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	28.13	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-12	Instrumnet Name :	P8
Client Sample ID :	BR-03-117-137-090222	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:36:56	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.37	8.41	8.43	8.74	6.29	ppb
Antimony	121-1	1.10	1.09	1.11	1.10	1.00	ppb
Arsenic	75-2	10.55	11.01	9.92	10.49	5.25	ppb
Barium	135-1	69.62	66.03	66.53	67.39	2.88	ppb
Barium	137-1	67.83	67.54	66.90	67.42	0.71	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	1.03	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	10-1	29.00	30.06	30.74	29.93	2.93	ppb
Boron	11-1	32.55	33.61	33.99	33.38	2.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.45	-0.59	-0.58	-0.54		ppb
Cadmium	106-1	-5.67	-7.45	-7.09	-6.74		ppb
Cadmium	108-1	0.07	0.11	0.08	0.09	23.32	ppb
Calcium	43-1	25206.58	25652.05	25384.13	25414.25	0.88	ppb
Calcium	44-1	24790.63	26427.18	25919.79	25712.53	3.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.67	0.72	0.65	0.68	5.78	ppb
Cobalt	59-2	0.06	0.07	0.09	0.07	15.92	ppb
Copper	63-2	0.11	0.13	0.12	0.12	9.66	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
Gold	197-1	-58.60	-58.60	-58.60	-58.60		ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	16.56	16.92	15.32	16.27	5.16	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-12	Instrumnet Name :	P8
Client Sample ID :	BR-03-117-137-090222	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:36:56	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	47.60	50.09	41.27	46.32	9.82	ppb
Iron	54-2	17.70	17.56	16.50	17.25	3.81	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.09	0.10	10.37	ppb
Lead	207-1	0.11	0.09	0.12	0.11	11.21	ppb
Lead	208-1	0.11	0.11	0.11	0.11	4.05	ppb
Lithium	6-1				110		%
Magnesium	24-2	7574.34	7414.29	7008.64	7332.42	3.98	ppb
Manganese	55-2	126.23	124.30	119.74	123.42	2.70	ppb
Molybdenum	94-1	3.00	3.36	3.32	3.23	6.10	ppb
Molybdenum	95-1	3.79	3.83	3.74	3.79	1.09	ppb
Molybdenum	96-1	3.62	3.67	3.86	3.72	3.43	ppb
Molybdenum	97-1	3.72	3.61	3.81	3.71	2.80	ppb
Molybdenum	98-1	3.68	3.68	3.86	3.74	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.46	0.42	0.47	11.64	ppb
Phosphorus	31-2	164.37	119.80	100.23	128.13	25.65	ppb
Potassium	39-2	6797.10	6605.99	6492.03	6631.71	2.32	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	77-2	0.47	-0.26	-0.26	-0.02		ppb
Selenium	78-2	-0.72	0.07	-0.50	-0.38		ppb
Selenium	82-1	0.42	-0.05	0.67	0.35	104.74	ppb
Silicon	28-1	886.99	909.93	899.07	898.66	1.28	ppb
Silver	107-1	0.01	0.00	0.00	0.00	445.85	ppb
Silver	109-1	0.01	0.01	0.00	0.00	246.40	ppb
Sodium	23-2	14330.25	13719.47	13233.45	13761.06	3.99	ppb
Strontium	86-1	240.52	240.97	246.48	242.66	1.37	ppb
Strontium	88-1	252.84	250.68	246.66	250.06	1.25	ppb
Sulfur	34-1	1831.43	1926.59	2123.16	1960.39	7.59	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.02	0.01	0.02	65.51	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-12	Instrumnet Name :	P8
Client Sample ID :	BR-03-117-137-090222	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:36:56	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.03	0.02	0.02	0.02	23.78	ppb
Tin	118-1	0.10	0.06	0.07	0.08	28.56	ppb
Titanium	47-1	0.98	0.51	0.56	0.68	38.05	ppb
Uranium	238-1	0.36	0.37	0.36	0.36	0.91	ppb
Vanadium	51-2	0.45	0.46	0.37	0.43	11.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	10.58	9.97	9.65	10.07	4.68	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	85.48	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	32.35	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:45:23	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	300.10	302.63	287.84	296.86	2.66	ppb
Antimony	121-1	0.11	0.13	0.13	0.12	11.39	ppb
Arsenic	75-2	0.68	0.57	0.63	0.63	8.76	ppb
Barium	135-1	71.60	71.14	71.40	71.38	0.33	ppb
Barium	137-1	71.14	70.71	70.99	70.95	0.30	ppb
Beryllium	9-1	0.46	0.45	0.45	0.45	1.92	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	50.59	50.39	51.57	50.85	1.24	ppb
Boron	11-1	54.11	55.49	56.03	55.21	1.79	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.60	-0.48	-0.54	-0.54		ppb
Cadmium	106-1	-8.22	-7.07	-7.10	-7.47		ppb
Cadmium	108-1	0.33	0.44	0.37	0.38	13.86	ppb
Calcium	43-1	26201.74	25665.48	25975.85	25947.69	1.04	ppb
Calcium	44-1	26620.48	26207.77	27153.08	26660.44	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.02	5.22	4.85	5.03	3.71	ppb
Cobalt	59-2	26.75	27.89	26.01	26.88	3.52	ppb
Copper	63-2	2.01	2.11	1.83	1.98	7.09	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
Gold	197-1	-58.60	110.81	107.74	53.32	181.81	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	7946.58	7892.48	7636.48	7825.18	2.12	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:45:23	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	7613.13	7651.46	7295.85	7520.15	2.60	ppb
Iron	54-2	7630.24	7649.12	7399.06	7559.47	1.84	ppb
Krypton	83-1						cps
Lead	206-1	0.62	0.56	0.62	0.60	6.42	ppb
Lead	207-1	0.62	0.69	0.60	0.63	7.26	ppb
Lead	208-1	0.65	0.61	0.60	0.62	4.81	ppb
Lithium	6-1				108		%
Magnesium	24-2	10968.08	11215.81	10605.14	10929.68	2.81	ppb
Manganese	55-2	1116.71	1134.19	1078.93	1109.94	2.54	ppb
Molybdenum	94-1	0.64	0.73	1.10	0.82	29.37	ppb
Molybdenum	95-1	0.24	0.19	0.25	0.23	15.72	ppb
Molybdenum	96-1	0.41	0.39	0.37	0.39	4.81	ppb
Molybdenum	97-1	0.17	0.21	0.18	0.19	10.58	ppb
Molybdenum	98-1	0.17	0.18	0.18	0.18	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.52	30.80	29.70	30.34	1.87	ppb
Phosphorus	31-2	-21.78	-21.48	-24.96	-22.74		ppb
Potassium	39-2	4732.99	4815.28	4552.47	4700.24	2.86	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	1.98	1.99	-0.26	1.24	104.66	ppb
Selenium	78-2	-0.26	-0.31	-0.37	-0.32		ppb
Selenium	82-1	0.34	0.67	0.63	0.54	32.60	ppb
Silicon	28-1	875.10	839.78	854.16	856.35	2.07	ppb
Silver	107-1	0.04	0.03	0.04	0.04	3.53	ppb
Silver	109-1	0.04	0.03	0.04	0.03	7.34	ppb
Sodium	23-2	65924.32	65941.07	63849.78	65238.39	1.84	ppb
Strontium	86-1	241.98	246.55	245.50	244.68	0.98	ppb
Strontium	88-1	253.03	257.64	252.90	254.52	1.06	ppb
Sulfur	34-1	16262.31	14857.95	14872.19	15330.81	5.26	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.31	0.26	0.28	0.28	8.45	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:45:23	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.26	0.25	0.21	0.24	10.52	ppb
Tin	118-1	0.08	0.12	0.12	0.10	24.46	ppb
Titanium	47-1	1.47	1.26	1.31	1.35	8.13	ppb
Uranium	238-1	0.05	0.06	0.06	0.06	1.28	ppb
Vanadium	51-2	0.60	0.51	0.60	0.57	9.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	844.78	885.43	814.67	848.29	4.19	ppb
Zirconium	90-1	0.23	0.31	0.56	0.36	47.10	ppb
Zirconium	91-1	0.28	0.29	0.51	0.36	36.02	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11DUP	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122DUF	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:48:30	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	288.20	291.68	276.14	285.34	2.86	ppb
Antimony	121-1	0.14	0.12	0.12	0.13	9.25	ppb
Arsenic	75-2	0.62	0.59	0.70	0.64	9.37	ppb
Barium	135-1	71.35	72.36	74.50	72.74	2.22	ppb
Barium	137-1	71.50	72.98	77.53	74.00	4.24	ppb
Beryllium	9-1	0.45	0.44	0.43	0.44	2.01	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	52.55	53.16	53.52	53.08	0.93	ppb
Boron	11-1	56.59	57.50	58.15	57.41	1.36	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.54	-0.46	-0.51	-0.50		ppb
Cadmium	106-1	-7.42	-6.50	-6.62	-6.85		ppb
Cadmium	108-1	0.41	0.38	0.54	0.44	18.63	ppb
Calcium	43-1	25720.09	26423.63	26147.93	26097.22	1.36	ppb
Calcium	44-1	27111.46	27205.45	27061.92	27126.28	0.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.92	4.92	4.65	4.83	3.18	ppb
Cobalt	59-2	26.25	27.12	25.24	26.20	3.59	ppb
Copper	63-2	1.94	2.09	1.92	1.98	4.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-58.60	-58.60	116.13	-0.36		ppb
Gold	197-2	21.05	-10.81	-10.81	-0.19		ppb
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	7897.09	8013.84	7608.82	7839.92	2.66	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11DUP	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122DUF	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:48:30	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	7486.01	7837.10	7289.15	7537.42	3.68	ppb
Iron	54-2	7406.37	7608.05	7199.52	7404.65	2.76	ppb
Krypton	83-1						cps
Lead	206-1	0.62	0.60	0.58	0.60	3.18	ppb
Lead	207-1	0.54	0.58	0.60	0.57	4.83	ppb
Lead	208-1	0.57	0.61	0.60	0.59	3.56	ppb
Lithium	6-1				106		%
Magnesium	24-2	10602.97	10897.40	9919.87	10473.41	4.79	ppb
Manganese	55-2	1106.10	1121.46	1064.83	1097.46	2.67	ppb
Molybdenum	94-1	0.49	0.57	0.71	0.59	18.83	ppb
Molybdenum	95-1	0.21	0.23	0.25	0.23	9.68	ppb
Molybdenum	96-1	0.30	0.34	0.36	0.33	8.51	ppb
Molybdenum	97-1	0.15	0.19	0.20	0.18	15.37	ppb
Molybdenum	98-1	0.20	0.16	0.16	0.17	14.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.76	30.16	29.62	29.85	0.94	ppb
Phosphorus	31-2	-17.16	-23.75	-19.42	-20.11		ppb
Potassium	39-2	4617.96	4764.50	4460.29	4614.25	3.30	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	1.97	1.25	0.45	1.22	62.10	ppb
Selenium	78-2	-1.08	-0.20	-0.80	-0.69		ppb
Selenium	82-1	0.62	0.73	0.98	0.77	23.72	ppb
Silicon	28-1	856.14	859.19	839.86	851.73	1.22	ppb
Silver	107-1	0.04	0.05	0.04	0.04	9.72	ppb
Silver	109-1	0.05	0.04	0.03	0.04	19.11	ppb
Sodium	23-2	62750.12	64746.10	60165.42	62553.88	3.67	ppb
Strontium	86-1	246.49	259.94	258.78	255.07	2.92	ppb
Strontium	88-1	253.87	264.12	261.15	259.71	2.03	ppb
Sulfur	34-1	15258.35	15077.19	14757.97	15031.17	1.69	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.21	0.21	0.16	0.19	13.70	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11DUP	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122DUF	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:48:30	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.20	0.19	0.19	0.19	2.88	ppb
Tin	118-1	0.11	0.11	0.07	0.10	20.63	ppb
Titanium	47-1	1.19	1.28	1.44	1.30	9.57	ppb
Uranium	238-1	0.06	0.06	0.05	0.06	11.24	ppb
Vanadium	51-2	0.59	0.54	0.51	0.55	6.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	841.88	850.11	801.86	831.28	3.11	ppb
Zirconium	90-1	0.17	0.22	0.27	0.22	23.40	ppb
Zirconium	91-1	0.18	0.23	0.30	0.24	26.26	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11LX5	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122L	Dilution Factor :	5
Date & Time Acquired :	2022-09-09 16:51:34	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.98	69.28	58.67	60.31	13.72	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	18.00	ppb
Arsenic	75-2	0.07	0.17	0.14	0.13	40.94	ppb
Barium	135-1	14.78	14.62	14.11	14.50	2.42	ppb
Barium	137-1	14.74	14.03	14.31	14.36	2.47	ppb
Beryllium	9-1	0.13	0.13	0.12	0.13	4.95	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	15.48	14.91	14.79	15.06	2.44	ppb
Boron	11-1	16.72	16.38	15.91	16.34	2.52	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.62	-0.53	-0.67	-0.60		ppb
Cadmium	106-1	-7.86	-6.78	-8.49	-7.71		ppb
Cadmium	108-1	0.11	-0.09	0.14	0.06	220.34	ppb
Calcium	43-1	5370.34	4979.16	4962.83	5104.11	4.52	ppb
Calcium	44-1	5689.23	5124.02	5286.19	5366.48	5.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.91	1.17	1.05	1.04	12.22	ppb
Cobalt	59-2	4.60	6.16	5.28	5.35	14.62	ppb
Copper	63-2	0.33	0.58	0.39	0.43	30.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-58.60	106.95	268.94	105.76	154.85	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	1446.21	1800.28	1610.61	1619.03	10.94	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11LX5	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122L	Dilution Factor :	5
Date & Time Acquired :	2022-09-09 16:51:34	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	1372.78	1711.75	1481.40	1521.98	11.37	ppb
Iron	54-2	1341.76	1741.16	1471.78	1518.23	13.42	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.13	0.09	0.12	17.48	ppb
Lead	207-1	0.12	0.11	0.10	0.11	7.38	ppb
Lead	208-1	0.11	0.11	0.10	0.11	6.61	ppb
Lithium	6-1				109		%
Magnesium	24-2	1856.79	2411.69	2056.79	2108.43	13.33	ppb
Manganese	55-2	198.19	253.80	217.04	223.01	12.68	ppb
Molybdenum	94-1	0.12	0.07	0.15	0.11	33.01	ppb
Molybdenum	95-1	0.07	0.07	0.06	0.07	8.74	ppb
Molybdenum	96-1	0.09	0.07	0.06	0.08	18.44	ppb
Molybdenum	97-1	0.06	0.06	0.04	0.05	23.07	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.42	6.75	6.03	6.07	10.95	ppb
Phosphorus	31-2	-32.56	1.41	-12.65	-14.60		ppb
Potassium	39-2	794.28	1065.49	904.39	921.39	14.80	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	77-2	-0.26	-0.26	1.20	0.23	369.43	ppb
Selenium	78-2	-0.79	0.77	-0.47	-0.16		ppb
Selenium	82-1	0.75	-0.06	0.34	0.34	118.51	ppb
Silicon	28-1	170.05	160.39	157.78	162.74	3.97	ppb
Silver	107-1	0.06	0.05	0.04	0.05	16.95	ppb
Silver	109-1	0.06	0.06	0.05	0.06	5.98	ppb
Sodium	23-2	11245.31	14770.41	12822.73	12946.15	13.64	ppb
Strontium	86-1	51.60	48.39	47.42	49.14	4.45	ppb
Strontium	88-1	52.58	49.37	47.18	49.71	5.46	ppb
Sulfur	34-1	3273.05	2262.44	2324.00	2619.83	21.63	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.07	0.05	0.06	17.24	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11LX5	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122L	Dilution Factor :	5
Date & Time Acquired :	2022-09-09 16:51:34	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.05	0.08	0.07	0.07	24.07	ppb
Tin	118-1	0.03	0.04	0.03	0.03	25.24	ppb
Titanium	47-1	0.38	0.18	0.24	0.27	39.46	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.39	ppb
Vanadium	51-2	0.13	0.13	0.12	0.13	4.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	151.90	202.15	169.02	174.35	14.65	ppb
Zirconium	90-1	0.17	0.03	0.03	0.08	101.01	ppb
Zirconium	91-1	0.04	0.05	0.04	0.04	8.06	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-12	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:54:41	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	137.40	136.68	138.65	137.57	0.73	ppb
Antimony	121-1	0.10	0.11	0.11	0.11	4.90	ppb
Arsenic	75-2	0.39	0.38	0.37	0.38	3.42	ppb
Barium	135-1	70.49	66.60	71.43	69.51	3.68	ppb
Barium	137-1	69.27	67.14	70.29	68.90	2.33	ppb
Beryllium	9-1	0.36	0.33	0.36	0.35	4.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	48.51	47.67	50.94	49.04	3.47	ppb
Boron	11-1	53.25	51.47	56.49	53.74	4.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.43	-0.49	-0.47	-0.46		ppb
Cadmium	106-1	-5.67	-6.52	-6.71	-6.30		ppb
Cadmium	108-1	0.07	-0.06	0.02	0.01	648.89	ppb
Calcium	43-1	25756.77	23433.60	26375.94	25188.77	6.16	ppb
Calcium	44-1	26284.88	24845.75	27532.90	26221.18	5.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.75	0.67	0.67	0.70	6.91	ppb
Cobalt	59-2	24.21	24.58	25.11	24.63	1.83	ppb
Copper	63-2	8.28	8.36	8.51	8.38	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	106.44	-58.60	119.94	55.93	177.76	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	5909.05	6118.15	6254.62	6093.94	2.86	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-12	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:54:41	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	6001.05	5930.50	5941.19	5957.58	0.64	ppb
Iron	54-2	5956.41	5873.26	5870.99	5900.22	0.82	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.19	0.19	0.19	3.44	ppb
Lead	207-1	0.19	0.20	0.20	0.19	3.71	ppb
Lead	208-1	0.20	0.19	0.21	0.20	3.78	ppb
Lithium	6-1				108		%
Magnesium	24-2	10360.93	10241.99	10385.68	10329.53	0.74	ppb
Manganese	55-2	1035.53	1019.92	1048.25	1034.57	1.37	ppb
Molybdenum	94-1	0.33	0.26	0.38	0.32	17.35	ppb
Molybdenum	95-1	0.12	0.14	0.17	0.15	17.30	ppb
Molybdenum	96-1	0.21	0.22	0.28	0.24	17.05	ppb
Molybdenum	97-1	0.18	0.13	0.17	0.16	14.56	ppb
Molybdenum	98-1	0.11	0.09	0.11	0.10	9.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.76	28.17	28.89	28.61	1.35	ppb
Phosphorus	31-2	-30.21	-21.51	-38.44	-30.05		ppb
Potassium	39-2	4468.56	4348.16	4484.48	4433.73	1.68	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	0.44	0.45	1.24	0.71	64.37	ppb
Selenium	78-2	-0.01	-0.73	0.01	-0.24		ppb
Selenium	82-1	0.56	0.45	0.62	0.54	16.07	ppb
Silicon	28-1	852.11	750.38	847.86	816.78	7.05	ppb
Silver	107-1	0.04	0.03	0.02	0.03	33.99	ppb
Silver	109-1	0.03	0.03	0.04	0.03	13.90	ppb
Sodium	23-2	63073.49	61692.02	61661.64	62142.38	1.30	ppb
Strontium	86-1	250.36	234.52	252.47	245.78	3.99	ppb
Strontium	88-1	254.50	239.06	261.87	251.81	4.62	ppb
Sulfur	34-1	15333.85	13217.81	16241.02	14930.89	10.39	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.14	0.12	0.12	17.13	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-12	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:54:41	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.10	0.14	0.13	0.12	17.43	ppb
Tin	118-1	0.03	0.00	0.01	0.01	106.77	ppb
Titanium	47-1	0.63	0.68	0.57	0.63	9.03	ppb
Uranium	238-1	0.02	0.02	0.03	0.03	12.31	ppb
Vanadium	51-2	0.21	0.18	0.22	0.21	9.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	49.95	48.55	49.83	49.44	1.57	ppb
Zirconium	90-1	0.08	0.10	0.14	0.11	28.97	ppb
Zirconium	91-1	0.09	0.12	0.17	0.13	30.96	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147466BS	Instrumnet Name :	P8
Client Sample ID :	PB147466BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:06:17	DataFile Name :	079LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9826.47	9823.23	10041.37	9897.02	1.26	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	6.45	ppb
Arsenic	75-2	0.04	0.05	0.11	0.07	62.46	ppb
Barium	135-1	0.14	0.25	0.29	0.23	32.41	ppb
Barium	137-1	0.24	0.24	0.29	0.26	11.29	ppb
Beryllium	9-1	0.06	0.07	0.07	0.06	9.98	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	2.22	2.21	2.25	2.23	1.03	ppb
Boron	11-1	2.35	2.45	2.44	2.41	2.21	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.55	-0.44	-0.71	-0.57		ppb
Cadmium	106-1	-7.14	-5.66	-9.24	-7.35		ppb
Cadmium	108-1	0.04	-0.05	0.01	0.00		ppb
Calcium	43-1	49866.61	48575.52	48582.41	49008.18	1.52	ppb
Calcium	44-1	51267.91	51156.91	50528.35	50984.39	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.38	0.38	0.40	0.39	2.52	ppb
Cobalt	59-2	0.61	0.56	0.55	0.57	5.87	ppb
Copper	63-2	0.22	0.21	0.27	0.24	13.56	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
Gold	197-1	-58.60	113.04	279.39	111.28	151.87	ppb
Gold	197-2	-10.81	20.10	-10.81	-0.50		ppb
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	26490.38	26816.99	26933.39	26746.92	0.86	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147466BS	Instrumnet Name :	P8
Client Sample ID :	PB147466BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:06:17	DataFile Name :	079LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	25724.14	25801.55	26055.29	25860.33	0.67	ppb
Iron	54-2	27310.48	27464.21	27333.87	27369.52	0.30	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.08	0.07	11.51	ppb
Lead	207-1	0.09	0.11	0.07	0.09	21.94	ppb
Lead	208-1	0.08	0.08	0.09	0.08	7.07	ppb
Lithium	6-1				110		%
Magnesium	24-2	54179.05	52414.80	54627.25	53740.37	2.18	ppb
Manganese	55-2	4604.29	4596.80	4818.71	4673.27	2.70	ppb
Molybdenum	94-1	0.25	0.28	0.37	0.30	21.60	ppb
Molybdenum	95-1	0.33	0.26	0.30	0.30	12.28	ppb
Molybdenum	96-1	0.58	0.69	0.64	0.64	8.68	ppb
Molybdenum	97-1	0.15	0.08	0.19	0.14	36.80	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.36	0.43	0.43	17.03	ppb
Phosphorus	31-2	-39.63	-41.50	-24.38	-35.17		ppb
Potassium	39-2	25792.35	25240.08	26263.15	25765.19	1.99	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	77-2	0.46	-0.26	0.48	0.23	184.20	ppb
Selenium	78-2	-0.70	-1.47	0.33	-0.61		ppb
Selenium	82-1	0.16	0.20	0.18	0.18	11.53	ppb
Silicon	28-1	-3.08	-3.31	-3.25	-3.21		ppb
Silver	107-1	0.58	0.32	0.26	0.39	43.23	ppb
Silver	109-1	0.59	0.36	0.27	0.41	40.50	ppb
Sodium	23-2	51503.93	50854.48	53307.31	51888.57	2.45	ppb
Strontium	86-1	0.51	0.48	0.50	0.50	3.57	ppb
Strontium	88-1	0.56	0.53	0.54	0.54	2.32	ppb
Sulfur	34-1	-1243.03	-1331.39	-1164.02	-1246.15		ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.13	0.13	0.12	0.13	2.39	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147466BS	Instrumnet Name :	P8
Client Sample ID :	PB147466BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:06:17	DataFile Name :	079LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.12	0.14	0.14	0.13	11.51	ppb
Tin	118-1	0.02	0.14	0.06	0.07	84.33	ppb
Titanium	47-1	0.02	0.12	0.11	0.08	65.30	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	64.04	ppb
Vanadium	51-2	0.02	0.02	0.05	0.03	49.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	1.18	1.44	1.14	1.25	13.09	ppb
Zirconium	90-1	0.04	0.06	0.09	0.06	40.40	ppb
Zirconium	91-1	0.05	0.07	0.10	0.07	31.15	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147467BS	Instrumnet Name :	P8
Client Sample ID :	PB147467BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:09:21	DataFile Name :	080LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10506.29	10322.16	12043.87	10957.44	8.63	ppb
Antimony	121-1	0.09	0.06	0.09	0.08	19.28	ppb
Arsenic	75-2	0.07	0.06	0.12	0.08	39.85	ppb
Barium	135-1	0.27	0.20	0.23	0.24	15.37	ppb
Barium	137-1	0.23	0.26	0.26	0.25	6.69	ppb
Beryllium	9-1	0.07	0.06	0.06	0.06	5.57	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	1.89	1.86	1.73	1.82	4.64	ppb
Boron	11-1	1.97	1.95	1.88	1.94	2.34	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.58	-0.46	-0.42	-0.49		ppb
Cadmium	106-1	-7.36	-6.11	-5.46	-6.31		ppb
Cadmium	108-1	0.00	-0.02	0.05	0.01	397.78	ppb
Calcium	43-1	49410.22	50269.41	48171.16	49283.60	2.14	ppb
Calcium	44-1	49729.01	50938.70	48102.20	49589.97	2.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.49	0.57	0.49	18.20	ppb
Cobalt	59-2	0.58	0.64	0.70	0.64	9.78	ppb
Copper	63-2	0.30	0.27	0.30	0.29	6.91	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
Gold	197-1	111.12	-58.60	-58.60	-2.03		ppb
Gold	197-2	-10.81	53.00	-10.81	10.46	352.10	ppb
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	56-2	27263.39	27748.47	31279.44	28763.77	7.62	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147467BS	Instrumnet Name :	P8
Client Sample ID :	PB147467BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:09:21	DataFile Name :	080LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	26883.25	26542.53	31287.78	28237.86	9.37	ppb
Iron	54-2	27985.01	27619.99	32743.15	29449.39	9.71	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.07	0.06	14.50	ppb
Lead	207-1	0.07	0.05	0.08	0.06	23.86	ppb
Lead	208-1	0.07	0.06	0.09	0.07	18.43	ppb
Lithium	6-1				108		%
Magnesium	24-2	55083.57	54033.67	64579.86	57899.03	10.03	ppb
Manganese	55-2	4782.91	4825.77	5642.59	5083.76	9.53	ppb
Molybdenum	94-1	0.16	0.23	0.34	0.24	37.17	ppb
Molybdenum	95-1	0.25	0.27	0.32	0.28	13.32	ppb
Molybdenum	96-1	0.64	0.60	0.62	0.62	2.81	ppb
Molybdenum	97-1	0.20	0.14	0.23	0.19	23.63	ppb
Molybdenum	98-1	0.12	0.13	0.13	0.13	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.58	0.50	0.60	0.56	9.33	ppb
Phosphorus	31-2	-25.94	-39.90	0.58	-21.75		ppb
Potassium	39-2	26856.90	26301.40	31137.72	28098.67	9.42	ppb
Rhodium	103-1				107		%
Rhodium	103-2				98		%
Scandium	45-1				112		%
Scandium	45-2				98		%
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-0.62	-0.93	0.88	-0.22		ppb
Selenium	82-1	0.17	-0.20	0.23	0.07	332.37	ppb
Silicon	28-1	-3.67	-2.76	-4.39	-3.61		ppb
Silver	107-1	0.20	0.12	0.12	0.14	31.12	ppb
Silver	109-1	0.18	0.12	0.13	0.14	23.54	ppb
Sodium	23-2	53785.62	52277.99	61835.62	55966.41	9.18	ppb
Strontium	86-1	0.45	0.61	0.55	0.54	15.15	ppb
Strontium	88-1	0.54	0.55	0.55	0.55	1.57	ppb
Sulfur	34-1	-1365.03	-967.70	-1503.18	-1278.63		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.13	0.12	0.13	0.13	2.92	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147467BS	Instrumnet Name :	P8
Client Sample ID :	PB147467BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:09:21	DataFile Name :	080LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.13	0.15	0.12	0.13	11.28	ppb
Tin	118-1	0.05	0.06	0.10	0.07	38.80	ppb
Titanium	47-1	0.03	0.05	0.01	0.03	67.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	35.07	ppb
Vanadium	51-2	0.02	0.06	0.02	0.03	62.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				100		%
Zinc	66-2	1.52	1.62	2.03	1.72	15.63	ppb
Zirconium	90-1	0.04	0.05	0.07	0.05	29.33	ppb
Zirconium	91-1	0.04	0.08	0.08	0.07	29.33	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11MS	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122MS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:13:04	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11785.78	11485.54	11333.81	11535.04	1.99	ppb
Antimony	121-1	0.15	0.19	0.18	0.17	11.37	ppb
Arsenic	75-2	0.72	0.69	0.73	0.71	3.49	ppb
Barium	135-1	68.75	67.38	67.36	67.83	1.17	ppb
Barium	137-1	67.04	67.85	68.37	67.75	0.98	ppb
Beryllium	9-1	0.41	0.39	0.42	0.40	3.01	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	42.04	44.84	46.29	44.39	4.86	ppb
Boron	11-1	45.80	47.36	49.64	47.60	4.07	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.42	-0.54	-0.53	-0.50		ppb
Cadmium	106-1	-5.94	-7.02	-7.09	-6.68		ppb
Cadmium	108-1	0.21	0.29	0.43	0.31	36.22	ppb
Calcium	43-1	73759.72	74198.49	80587.70	76181.97	5.02	ppb
Calcium	44-1	73896.65	76036.52	77737.49	75890.22	2.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.30	5.09	5.11	5.17	2.30	ppb
Cobalt	59-2	26.87	25.71	26.14	26.24	2.25	ppb
Copper	63-2	2.14	1.97	2.10	2.07	4.41	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
Gold	197-1	114.36	-58.60	117.06	57.61	174.72	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	35969.29	35459.51	35877.82	35768.87	0.76	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11MS	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122MS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:13:04	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	36773.14	35976.22	36224.45	36324.60	1.12	ppb
Iron	54-2	36933.74	36013.94	35711.77	36219.82	1.76	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.66	0.67	0.67	1.54	ppb
Lead	207-1	0.72	0.66	0.62	0.67	7.65	ppb
Lead	208-1	0.68	0.67	0.64	0.66	2.90	ppb
Lithium	6-1				108		%
Magnesium	24-2	65247.18	65746.41	62038.79	64344.13	3.13	ppb
Manganese	55-2	5851.34	5849.12	5876.64	5859.03	0.26	ppb
Molybdenum	94-1	0.77	0.72	0.93	0.81	13.51	ppb
Molybdenum	95-1	0.48	0.46	0.47	0.47	1.80	ppb
Molybdenum	96-1	0.92	0.93	0.94	0.93	1.01	ppb
Molybdenum	97-1	0.23	0.33	0.37	0.31	22.29	ppb
Molybdenum	98-1	0.21	0.28	0.20	0.23	18.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.92	28.65	28.87	28.81	0.49	ppb
Phosphorus	31-2	-11.45	-25.85	-12.58	-16.63		ppb
Potassium	39-2	32234.22	32469.10	32199.86	32301.06	0.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	77-2	0.49	-0.26	-0.26	-0.01		ppb
Selenium	78-2	-0.53	0.19	-0.41	-0.25		ppb
Selenium	82-1	0.52	0.94	1.07	0.84	33.72	ppb
Silicon	28-1	787.52	793.49	818.57	799.86	2.06	ppb
Silver	107-1	0.02	0.06	0.04	0.04	43.43	ppb
Silver	109-1	0.04	0.05	0.04	0.04	15.98	ppb
Sodium	23-2	114580.40	115011.78	114522.69	114704.96	0.23	ppb
Strontium	86-1	233.27	233.53	239.17	235.32	1.42	ppb
Strontium	88-1	242.68	248.43	249.34	246.82	1.46	ppb
Sulfur	34-1	14047.80	14087.64	14891.83	14342.42	3.32	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.16	0.21	0.16	0.18	16.60	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11MS	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122MS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:13:04	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.20	0.19	0.19	0.19	3.56	ppb
Tin	118-1	0.13	0.15	0.12	0.13	11.58	ppb
Titanium	47-1	1.30	1.29	1.17	1.26	5.80	ppb
Uranium	238-1	0.05	0.07	0.05	0.06	15.75	ppb
Vanadium	51-2	0.55	0.60	0.59	0.58	4.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	774.40	767.38	760.73	767.50	0.89	ppb
Zirconium	90-1	0.21	0.26	0.34	0.27	24.71	ppb
Zirconium	91-1	0.20	0.22	0.32	0.25	25.99	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11MSD	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122MSC	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:16:03	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9231.98	9464.22	9236.36	9310.85	1.43	ppb
Antimony	121-1	0.19	0.17	0.19	0.18	4.80	ppb
Arsenic	75-2	0.63	0.60	0.65	0.63	3.78	ppb
Barium	135-1	67.60	68.27	67.14	67.67	0.84	ppb
Barium	137-1	70.22	67.73	66.36	68.11	2.87	ppb
Beryllium	9-1	0.42	0.42	0.41	0.42	1.13	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	46.47	46.34	49.35	47.39	3.60	ppb
Boron	11-1	50.98	49.68	52.27	50.97	2.54	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.55	-0.14	-0.51	-0.40		ppb
Cadmium	106-1	-7.12	-2.23	-7.06	-5.47		ppb
Cadmium	108-1	0.55	0.29	0.13	0.32	65.22	ppb
Calcium	43-1	73566.81	73824.49	75316.74	74236.01	1.27	ppb
Calcium	44-1	76019.32	75348.72	76051.88	75806.64	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.02	5.14	5.07	5.08	1.16	ppb
Cobalt	59-2	25.84	26.68	26.56	26.36	1.72	ppb
Copper	63-2	1.86	2.04	1.95	1.95	4.69	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
Gold	197-1	116.60	271.53	278.78	222.30	41.21	ppb
Gold	197-2	-10.81	56.46	-10.81	11.62	334.35	ppb
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	34255.70	36884.35	35653.64	35597.90	3.69	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11MSD	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122MSC	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:16:03	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	35535.39	37152.32	35335.76	36007.82	2.77	ppb
Iron	54-2	35411.11	36053.93	36096.48	35853.84	1.07	ppb
Krypton	83-1						cps
Lead	206-1	0.62	0.60	0.57	0.60	4.61	ppb
Lead	207-1	0.60	0.65	0.63	0.62	3.75	ppb
Lead	208-1	0.63	0.61	0.59	0.61	2.85	ppb
Lithium	6-1				108		%
Magnesium	24-2	62595.76	67883.96	63758.98	64746.23	4.29	ppb
Manganese	55-2	5822.05	5992.92	5860.86	5891.94	1.52	ppb
Molybdenum	94-1	0.59	0.47	0.74	0.60	22.06	ppb
Molybdenum	95-1	0.45	0.49	0.47	0.47	4.25	ppb
Molybdenum	96-1	0.93	0.97	0.93	0.94	2.66	ppb
Molybdenum	97-1	0.28	0.30	0.28	0.29	3.16	ppb
Molybdenum	98-1	0.26	0.27	0.23	0.25	8.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.28	29.93	29.62	29.28	3.00	ppb
Phosphorus	31-2	-11.71	-37.25	-32.97	-27.31		ppb
Potassium	39-2	31364.14	32164.03	31161.16	31563.11	1.68	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				103		%
Selenium	77-2	-0.26	2.70	0.46	0.97	159.39	ppb
Selenium	78-2	0.57	-0.19	-0.15	0.08	550.52	ppb
Selenium	82-1	0.77	0.95	0.81	0.84	11.14	ppb
Silicon	28-1	791.41	780.29	802.95	791.55	1.43	ppb
Silver	107-1	0.03	0.03	0.04	0.03	15.59	ppb
Silver	109-1	0.05	0.03	0.04	0.04	22.54	ppb
Sodium	23-2	111815.31	118503.57	115578.02	115298.97	2.91	ppb
Strontium	86-1	232.41	232.57	240.46	235.15	1.96	ppb
Strontium	88-1	239.59	235.40	243.28	239.42	1.65	ppb
Sulfur	34-1	13671.59	12849.65	13986.86	13502.70	4.35	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.15	0.12	0.10	0.13	19.85	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11MSD	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122MSC	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:16:03	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.15	0.16	0.16	0.16	3.44	ppb
Tin	118-1	0.16	0.11	0.16	0.15	18.94	ppb
Titanium	47-1	1.15	1.21	0.98	1.12	10.70	ppb
Uranium	238-1	0.06	0.05	0.06	0.06	7.93	ppb
Vanadium	51-2	0.57	0.60	0.59	0.59	2.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	768.56	799.58	785.30	784.48	1.98	ppb
Zirconium	90-1	0.17	0.22	0.24	0.21	17.49	ppb
Zirconium	91-1	0.26	0.17	0.24	0.22	21.16	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11A	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122A	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:19:05	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10608.57	10752.53	10379.79	10580.30	1.78	ppb
Antimony	121-1	0.21	0.22	0.20	0.21	4.55	ppb
Arsenic	75-2	0.69	0.70	0.59	0.66	9.24	ppb
Barium	135-1	74.45	72.15	69.47	72.03	3.46	ppb
Barium	137-1	76.17	74.30	69.71	73.40	4.53	ppb
Beryllium	9-1	0.44	0.42	0.41	0.42	4.50	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	49.84	50.41	51.01	50.42	1.17	ppb
Boron	11-1	55.27	55.16	55.73	55.39	0.54	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.52	-0.50	-0.54	-0.52		ppb
Cadmium	106-1	-6.56	-6.79	-6.82	-6.72		ppb
Cadmium	108-1	0.44	0.42	0.48	0.45	6.49	ppb
Calcium	43-1	82149.10	79293.04	73735.34	78392.49	5.46	ppb
Calcium	44-1	81815.56	78758.72	74749.88	78441.39	4.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.32	5.34	5.32	5.33	0.28	ppb
Cobalt	59-2	26.38	27.11	26.10	26.53	1.96	ppb
Copper	63-2	1.89	2.06	2.10	2.01	5.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-58.60	309.46	308.78	186.55	113.81	ppb
Gold	197-2	-10.81	-10.81	22.10	0.16	11644.40	ppb
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	36522.02	37042.10	34740.89	36101.67	3.34	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11A	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122A	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:19:05	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	35880.17	35137.11	35553.55	35523.61	1.05	ppb
Iron	54-2	36061.25	36903.11	35958.12	36307.49	1.43	ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.66	0.72	0.67	6.88	ppb
Lead	207-1	0.71	0.59	0.67	0.66	9.12	ppb
Lead	208-1	0.67	0.64	0.67	0.66	2.67	ppb
Lithium	6-1				102		%
Magnesium	24-2	65852.54	66202.03	65828.64	65961.07	0.32	ppb
Manganese	55-2	6003.56	6117.20	5963.43	6028.06	1.32	ppb
Molybdenum	94-1	0.69	0.68	0.71	0.69	2.79	ppb
Molybdenum	95-1	0.45	0.45	0.51	0.47	7.58	ppb
Molybdenum	96-1	1.02	0.99	0.98	1.00	1.98	ppb
Molybdenum	97-1	0.27	0.33	0.28	0.30	10.36	ppb
Molybdenum	98-1	0.26	0.27	0.25	0.26	4.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.47	30.17	28.70	29.45	2.49	ppb
Phosphorus	31-2	-12.05	-8.34	-22.35	-14.25		ppb
Potassium	39-2	32350.77	32795.06	32601.47	32582.43	0.68	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	0.52	3.45	2.73	2.23	68.56	ppb
Selenium	78-2	-0.59	-0.23	0.14	-0.23		ppb
Selenium	82-1	0.85	0.88	1.08	0.93	13.36	ppb
Silicon	28-1	897.53	832.87	784.76	838.38	6.75	ppb
Silver	107-1	0.04	0.05	0.05	0.05	10.16	ppb
Silver	109-1	0.04	0.04	0.03	0.04	13.59	ppb
Sodium	23-2	118408.85	119325.01	116621.21	118118.36	1.16	ppb
Strontium	86-1	249.05	247.94	241.86	246.28	1.57	ppb
Strontium	88-1	256.70	257.97	244.58	253.08	2.92	ppb
Sulfur	34-1	16520.98	15024.90	13544.79	15030.22	9.90	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.12	0.13	0.14	0.13	8.37	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11A	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122A	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:19:05	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.15	0.16	0.15	0.15	5.16	ppb
Tin	118-1	0.21	0.18	0.10	0.16	37.07	ppb
Titanium	47-1	1.54	1.33	1.39	1.42	7.41	ppb
Uranium	238-1	0.07	0.05	0.06	0.06	14.92	ppb
Vanadium	51-2	0.60	0.54	0.55	0.56	6.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	778.36	802.63	770.90	783.96	2.12	ppb
Zirconium	90-1	0.20	0.22	0.24	0.22	9.06	ppb
Zirconium	91-1	0.22	0.25	0.28	0.25	10.87	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:23:11	DataFile Name :	084CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50470.03	50447.08	48358.92	49758.68	2.44	ppb
Antimony	121-1	489.00	479.41	463.78	477.40	2.67	ppb
Arsenic	75-2	450.81	456.52	441.16	449.49	1.73	ppb
Barium	135-1	2504.11	2529.84	2385.95	2473.30	3.10	ppb
Barium	137-1	2470.80	2493.61	2358.77	2441.06	2.96	ppb
Beryllium	9-1	450.99	478.29	441.68	456.99	4.16	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	437.82	472.55	442.38	450.92	4.19	ppb
Boron	11-1	442.88	474.82	457.48	458.39	3.49	ppb
Bromine	81-1						cps
Cadmium	111-1	462.26	455.10	438.37	451.91	2.71	ppb
Cadmium	106-1	465.16	466.23	451.16	460.85	1.82	ppb
Cadmium	108-1	469.95	463.95	451.97	461.96	1.98	ppb
Calcium	43-1	240916.01	254366.50	235383.91	243555.47	4.01	ppb
Calcium	44-1	250048.94	244817.10	239141.83	244669.29	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	457.11	461.73	441.29	453.38	2.36	ppb
Cobalt	59-2	462.69	488.04	459.58	470.11	3.32	ppb
Copper	63-2	4733.33	4618.63	4513.18	4621.72	2.38	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
Gold	197-1	883.58	314.61	834.53	677.57	46.53	ppb
Gold	197-2	486.30	660.02	386.84	511.05	27.05	ppb
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	122719.34	121049.82	115883.90	119884.36	2.97	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:23:11	DataFile Name :	084CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	122441.26	123149.76	115577.10	120389.37	3.47	ppb
Iron	54-2	120568.92	122946.60	114337.51	119284.34	3.73	ppb
Krypton	83-1						cps
Lead	206-1	2429.35	2464.41	2388.36	2427.37	1.57	ppb
Lead	207-1	2436.31	2449.54	2314.23	2400.03	3.11	ppb
Lead	208-1	2458.96	2450.07	2356.59	2421.87	2.34	ppb
Lithium	6-1				105		%
Magnesium	24-2	240294.82	249619.42	230306.37	240073.54	4.02	ppb
Manganese	55-2	4739.77	4831.35	4569.08	4713.40	2.82	ppb
Molybdenum	94-1	4931.89	4749.24	4537.72	4739.62	4.16	ppb
Molybdenum	95-1	5129.77	4747.93	4610.81	4829.50	5.57	ppb
Molybdenum	96-1	5099.89	4892.76	4639.89	4877.51	4.72	ppb
Molybdenum	97-1	4972.83	4681.96	4498.85	4717.88	5.07	ppb
Molybdenum	98-1	5027.89	4728.55	4481.20	4745.88	5.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.41	457.39	447.86	455.22	1.44	ppb
Phosphorus	31-2	9302.63	9520.24	9036.81	9286.56	2.61	ppb
Potassium	39-2	117803.51	120305.12	116082.26	118063.63	1.80	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	456.50	477.04	438.07	457.20	4.26	ppb
Selenium	78-2	445.14	452.59	436.79	444.84	1.78	ppb
Selenium	82-1	466.77	445.74	427.57	446.69	4.39	ppb
Silicon	28-1	490.69	509.43	486.17	495.43	2.49	ppb
Silver	107-1	471.97	457.08	447.88	458.98	2.65	ppb
Silver	109-1	457.13	456.69	446.10	453.31	1.38	ppb
Sodium	23-2	239452.83	249887.08	227537.11	238959.01	4.68	ppb
Strontium	86-1	12809.19	12297.72	11525.29	12210.73	5.29	ppb
Strontium	88-1	12517.89	12470.37	11470.47	12152.91	4.87	ppb
Sulfur	34-1	10938.27	11497.36	10253.02	10896.22	5.72	ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	486.55	496.17	462.86	481.86	3.56	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:23:11	DataFile Name :	084CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	502.30	504.46	483.13	496.63	2.36	ppb
Tin	118-1	501.55	497.55	489.30	496.14	1.26	ppb
Titanium	47-1	4774.47	4956.58	4636.54	4789.20	3.35	ppb
Uranium	238-1	513.31	514.71	485.58	504.53	3.26	ppb
Vanadium	51-2	473.90	469.14	453.88	465.64	2.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	4227.54	4306.52	4077.17	4203.74	2.77	ppb
Zirconium	90-1	502.42	493.58	468.91	488.30	3.56	ppb
Zirconium	91-1	481.18	479.44	446.27	468.96	4.19	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:27:45	DataFile Name :	085CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.85	0.62	0.98	0.82	21.88	ppb
Antimony	121-1	0.06	0.08	0.10	0.08	27.85	ppb
Arsenic	75-2	-0.01	-0.02	0.01	0.00		ppb
Barium	135-1	0.01	0.02	0.01	0.02	41.70	ppb
Barium	137-1	0.00	0.04	-0.01	0.01	273.13	ppb
Beryllium	9-1	0.04	0.06	0.05	0.05	15.26	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	13.00	12.90	11.94	12.62	4.66	ppb
Boron	11-1	13.64	13.81	12.95	13.47	3.38	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.59	-0.59	-0.54	-0.57		ppb
Cadmium	106-1	-7.10	-7.54	-6.95	-7.20		ppb
Cadmium	108-1	0.14	0.17	0.21	0.17	21.45	ppb
Calcium	43-1	-2.31	1.16	-1.69	-0.95		ppb
Calcium	44-1	-7.68	-4.40	-7.29	-6.46		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.06	0.02	0.04	45.25	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.05	0.00	0.00	0.02	153.21	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
Gold	197-1	566.63	106.96	107.10	260.23	101.97	ppb
Gold	197-2	19.95	20.13	20.60	20.23	1.67	ppb
Holmium	165-1				112		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	56-2	0.70	0.76	0.48	0.65	22.35	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:27:45	DataFile Name :	085CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	1.00	0.26	-0.46	0.26	277.46	ppb
Iron	54-2	-0.29	1.92	-0.12	0.50	244.88	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.04	0.02	0.03	59.76	ppb
Lead	207-1	0.03	0.00	0.04	0.02	76.33	ppb
Lead	208-1	0.01	0.04	0.03	0.03	43.34	ppb
Lithium	6-1				111		%
Magnesium	24-2	1.09	1.72	1.32	1.37	23.17	ppb
Manganese	55-2	0.07	0.07	0.08	0.07	4.91	ppb
Molybdenum	94-1	0.34	0.28	0.19	0.27	28.51	ppb
Molybdenum	95-1	0.36	0.35	0.32	0.34	6.26	ppb
Molybdenum	96-1	0.31	0.29	0.31	0.30	4.56	ppb
Molybdenum	97-1	0.36	0.32	0.29	0.32	11.16	ppb
Molybdenum	98-1	0.32	0.30	0.30	0.30	3.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-43.58	-40.46	-31.70	-38.58		ppb
Potassium	39-2	-0.31	13.95	-4.11	3.18	299.74	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	77-2	-0.26	0.46	-0.26	-0.02		ppb
Selenium	78-2	-1.47	-0.83	0.20	-0.70		ppb
Selenium	82-1	0.35	0.10	0.07	0.17	89.65	ppb
Silicon	28-1	-3.18	-2.45	-2.30	-2.64		ppb
Silver	107-1	0.06	0.04	0.05	0.05	19.98	ppb
Silver	109-1	0.06	0.05	0.05	0.05	6.44	ppb
Sodium	23-2	47.62	51.17	46.72	48.51	4.85	ppb
Strontium	86-1	0.02	0.12	-0.01	0.04	145.03	ppb
Strontium	88-1	0.07	0.15	0.05	0.09	54.74	ppb
Sulfur	34-1	-1806.79	-1376.83	-1329.21	-1504.28		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.07	0.05	0.06	27.91	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:27:45	DataFile Name :	085CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.05	0.06	0.05	0.05	11.02	ppb
Tin	118-1	0.03	-0.03	0.01	0.00	724.19	ppb
Titanium	47-1	0.13	0.04	0.11	0.09	54.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	151.35	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	454.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				103		%
Zinc	66-2	0.38	0.43	0.33	0.38	13.51	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	435.76	ppb
Zirconium	91-1	0.05	0.03	0.04	0.04	27.00	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022M	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:30:53	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11192.93	10943.65	10860.47	10999.02	1.57	ppb
Antimony	121-1	0.17	0.14	0.12	0.14	15.92	ppb
Arsenic	75-2	3.49	3.22	3.24	3.32	4.49	ppb
Barium	135-1	242.90	234.74	216.07	231.24	5.95	ppb
Barium	137-1	244.53	234.66	217.93	232.37	5.79	ppb
Beryllium	9-1	0.10	0.08	0.08	0.09	11.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	38.53	38.38	37.22	38.04	1.89	ppb
Boron	11-1	42.15	42.40	40.20	41.58	2.89	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.42	-0.67	-0.62	-0.57		ppb
Cadmium	106-1	-5.63	-8.42	-7.79	-7.28		ppb
Cadmium	108-1	0.17	0.28	0.29	0.25	28.78	ppb
Calcium	43-1	75187.83	74048.44	71388.34	73541.54	2.65	ppb
Calcium	44-1	77127.17	74448.40	70469.72	74015.10	4.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	1.76	1.83	1.83	3.32	ppb
Cobalt	59-2	1.54	1.43	1.45	1.47	4.20	ppb
Copper	63-2	0.80	0.76	0.66	0.74	9.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	308.08	118.93	-58.60	122.80	149.32	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	33068.51	33392.84	33774.37	33411.91	1.06	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022M	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:30:53	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	31937.60	31237.77	31759.70	31645.02	1.15	ppb
Iron	54-2	34598.75	33865.99	33537.10	34000.62	1.60	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.97	0.99	0.97	2.37	ppb
Lead	207-1	0.98	0.88	1.03	0.96	7.78	ppb
Lead	208-1	0.98	0.95	0.96	0.96	1.57	ppb
Lithium	6-1				106		%
Magnesium	24-2	67147.63	65335.17	65145.58	65876.13	1.68	ppb
Manganese	55-2	5380.50	5309.50	5372.18	5354.06	0.72	ppb
Molybdenum	94-1	0.51	0.59	0.47	0.52	11.68	ppb
Molybdenum	95-1	0.65	0.53	0.60	0.60	9.85	ppb
Molybdenum	96-1	0.97	1.02	0.98	0.99	2.63	ppb
Molybdenum	97-1	0.45	0.46	0.43	0.45	4.43	ppb
Molybdenum	98-1	0.47	0.39	0.33	0.40	18.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.90	2.70	2.80	2.80	3.51	ppb
Phosphorus	31-2	361.81	360.27	349.04	357.04	1.95	ppb
Potassium	39-2	32281.94	32840.87	31669.67	32264.16	1.82	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				97		%
Selenium	77-2	-0.26	1.28	0.51	0.51	150.52	ppb
Selenium	78-2	-0.34	-0.63	-1.71	-0.89		ppb
Selenium	82-1	0.50	0.28	0.22	0.33	43.47	ppb
Silicon	28-1	2348.31	2292.16	2165.92	2268.80	4.12	ppb
Silver	107-1	0.04	0.02	0.03	0.03	27.70	ppb
Silver	109-1	0.04	0.03	0.04	0.04	23.38	ppb
Sodium	23-2	65219.09	62999.33	62552.15	63590.19	2.25	ppb
Strontium	86-1	241.64	228.30	219.05	229.66	4.94	ppb
Strontium	88-1	240.28	243.65	223.54	235.82	4.57	ppb
Sulfur	34-1	2162.17	1896.76	1511.38	1856.77	17.62	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.13	0.13	0.10	0.12	11.63	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022M	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:30:53	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.12	0.12	0.10	0.11	7.32	ppb
Tin	118-1	0.80	0.69	0.67	0.72	9.79	ppb
Titanium	47-1	5.96	5.82	5.89	5.89	1.18	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	8.75	ppb
Vanadium	51-2	0.44	0.41	0.44	0.43	4.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	26.40	28.10	25.96	26.82	4.21	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	10.81	ppb
Zirconium	91-1	0.07	0.06	0.09	0.08	16.96	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022M	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:33:56	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11105.82	10920.92	10206.97	10744.57	4.42	ppb
Antimony	121-1	0.13	0.15	0.14	0.14	7.39	ppb
Arsenic	75-2	3.09	3.07	2.92	3.03	3.09	ppb
Barium	135-1	217.37	226.97	195.81	213.38	7.48	ppb
Barium	137-1	216.46	223.10	194.57	211.38	7.06	ppb
Beryllium	9-1	0.08	0.08	0.07	0.08	6.96	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	32.59	37.25	33.69	34.51	7.06	ppb
Boron	11-1	37.07	40.53	37.08	38.23	5.22	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.58	-0.65	-0.73	-0.65		ppb
Cadmium	106-1	-7.44	-8.30	-9.14	-8.29		ppb
Cadmium	108-1	0.19	0.01	0.15	0.12	83.13	ppb
Calcium	43-1	67177.86	68783.52	63157.40	66372.92	4.37	ppb
Calcium	44-1	68915.02	69357.62	62999.29	67090.64	5.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.71	1.75	1.79	5.45	ppb
Cobalt	59-2	1.49	1.39	1.37	1.42	4.42	ppb
Copper	63-2	0.68	0.67	0.56	0.64	10.46	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
Gold	197-1	-58.60	-58.60	97.92	-6.43		ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				117		%
Holmium	165-2				105		%
Indium	115-1				115		%
Indium	115-2				101		%
Iron	56-2	32779.54	32810.16	31754.07	32447.92	1.85	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022M	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:33:56	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	32245.11	31794.28	29740.27	31259.89	4.27	ppb
Iron	54-2	33481.94	34126.05	31610.43	33072.81	3.95	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.93	0.92	0.92	0.71	ppb
Lead	207-1	0.92	0.92	0.84	0.90	5.15	ppb
Lead	208-1	0.89	0.95	0.86	0.90	5.10	ppb
Lithium	6-1				113		%
Magnesium	24-2	66684.73	65964.90	60632.45	64427.36	5.13	ppb
Manganese	55-2	5370.15	5344.32	5012.57	5242.35	3.80	ppb
Molybdenum	94-1	0.44	0.51	0.48	0.48	8.01	ppb
Molybdenum	95-1	0.46	0.53	0.48	0.49	7.25	ppb
Molybdenum	96-1	0.82	0.93	0.83	0.86	7.03	ppb
Molybdenum	97-1	0.29	0.33	0.32	0.31	6.23	ppb
Molybdenum	98-1	0.27	0.31	0.25	0.27	10.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.53	2.73	2.46	2.57	5.52	ppb
Phosphorus	31-2	416.41	410.73	357.12	394.75	8.29	ppb
Potassium	39-2	32033.72	32092.19	29426.51	31184.14	4.88	ppb
Rhodium	103-1				113		%
Rhodium	103-2				102		%
Scandium	45-1				119		%
Scandium	45-2				102		%
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-0.43	-0.19	-1.06	-0.56		ppb
Selenium	82-1	0.59	0.66	0.45	0.56	18.51	ppb
Silicon	28-1	2108.54	2163.05	1993.42	2088.34	4.15	ppb
Silver	107-1	0.04	0.03	0.03	0.03	14.34	ppb
Silver	109-1	0.04	0.04	0.04	0.04	4.20	ppb
Sodium	23-2	63372.77	62723.21	58850.21	61648.73	3.97	ppb
Strontium	86-1	209.61	228.19	200.03	212.61	6.74	ppb
Strontium	88-1	213.12	237.14	201.67	217.31	8.33	ppb
Sulfur	34-1	1096.32	1447.18	510.82	1018.11	46.46	ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.08	0.05	0.08	30.18	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022M	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:33:56	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.09	0.10	0.09	0.10	5.71	ppb
Tin	118-1	0.58	0.72	0.55	0.61	14.39	ppb
Titanium	47-1	5.60	5.77	5.05	5.47	6.87	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	18.21	ppb
Vanadium	51-2	0.45	0.42	0.45	0.44	3.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				105		%
Zinc	66-2	26.11	25.61	24.91	25.54	2.36	ppb
Zirconium	90-1	0.05	0.07	0.08	0.07	22.68	ppb
Zirconium	91-1	0.06	0.09	0.12	0.09	34.14	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01A	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022A	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:36:57	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11530.20	10634.54	10277.05	10813.93	5.97	ppb
Antimony	121-1	0.11	0.13	0.15	0.13	14.72	ppb
Arsenic	75-2	3.68	3.16	3.09	3.31	9.69	ppb
Barium	135-1	224.24	235.25	226.78	228.76	2.52	ppb
Barium	137-1	231.14	230.34	224.00	228.49	1.71	ppb
Beryllium	9-1	0.09	0.08	0.09	0.09	2.18	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	36.18	35.33	34.94	35.48	1.78	ppb
Boron	11-1	39.62	39.58	38.96	39.39	0.94	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.74	-0.49	-0.55	-0.59		ppb
Cadmium	106-1	-9.38	-6.44	-6.89	-7.57		ppb
Cadmium	108-1	0.23	0.11	0.29	0.21	44.16	ppb
Calcium	43-1	74230.41	75903.49	74449.20	74861.03	1.21	ppb
Calcium	44-1	75739.14	77288.79	73811.88	75613.27	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.91	1.79	1.88	4.09	ppb
Cobalt	59-2	1.57	1.41	1.48	1.49	5.33	ppb
Copper	63-2	0.82	0.70	0.74	0.75	8.22	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
Gold	197-1	286.58	120.03	291.97	232.86	41.98	ppb
Gold	197-2	-10.81	-10.81	20.24	-0.46		ppb
Holmium	165-1				113		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	35281.73	32855.07	32408.47	33515.09	4.61	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01A	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022A	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:36:57	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	33345.63	31947.02	30550.33	31947.66	4.37	ppb
Iron	54-2	35123.63	32583.82	32101.77	33269.74	4.88	ppb
Krypton	83-1						cps
Lead	206-1	0.99	1.01	1.01	1.00	0.84	ppb
Lead	207-1	0.97	1.07	0.93	0.99	7.16	ppb
Lead	208-1	0.96	1.00	0.96	0.98	2.54	ppb
Lithium	6-1				110		%
Magnesium	24-2	69956.47	65939.46	61948.71	65948.21	6.07	ppb
Manganese	55-2	5676.68	5190.39	5289.54	5385.54	4.77	ppb
Molybdenum	94-1	0.50	0.36	0.41	0.42	16.16	ppb
Molybdenum	95-1	0.57	0.43	0.50	0.50	14.43	ppb
Molybdenum	96-1	0.98	0.83	0.94	0.92	8.08	ppb
Molybdenum	97-1	0.34	0.32	0.31	0.33	5.06	ppb
Molybdenum	98-1	0.30	0.26	0.30	0.29	7.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.01	2.67	2.69	2.79	6.77	ppb
Phosphorus	31-2	381.92	350.16	318.43	350.17	9.07	ppb
Potassium	39-2	34132.72	31151.25	30092.56	31792.18	6.59	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	77-2	0.53	0.48	-0.26	0.25	175.85	ppb
Selenium	78-2	0.69	-0.18	-0.83	-0.11		ppb
Selenium	82-1	0.94	0.74	0.12	0.60	71.26	ppb
Silicon	28-1	2398.88	2313.62	2259.56	2324.02	3.02	ppb
Silver	107-1	0.03	0.03	0.04	0.03	13.64	ppb
Silver	109-1	0.04	0.04	0.04	0.04	3.40	ppb
Sodium	23-2	67436.51	62040.03	59898.68	63125.08	6.15	ppb
Strontium	86-1	229.69	222.69	216.52	222.97	2.95	ppb
Strontium	88-1	241.01	233.35	220.21	231.52	4.54	ppb
Sulfur	34-1	2377.23	2402.47	2060.15	2279.95	8.37	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.10	0.09	0.09	17.69	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01A	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022A	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:36:57	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.08	0.13	0.07	0.09	32.10	ppb
Tin	118-1	0.74	0.75	0.69	0.73	4.60	ppb
Titanium	47-1	6.32	6.23	5.95	6.17	3.12	ppb
Uranium	238-1	0.03	0.05	0.03	0.04	32.43	ppb
Vanadium	51-2	0.46	0.40	0.41	0.43	7.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	27.80	26.03	23.93	25.92	7.47	ppb
Zirconium	90-1	0.07	0.06	0.08	0.07	14.91	ppb
Zirconium	91-1	0.07	0.08	0.07	0.07	11.79	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-05DLX2	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122I	Dilution Factor :	2
Date & Time Acquired :	2022-09-09 17:40:00	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19278.16	20176.41	19963.71	19806.09	2.37	ppb
Antimony	121-1	0.13	0.14	0.16	0.14	12.77	ppb
Arsenic	75-2	10.94	10.23	11.01	10.72	4.01	ppb
Barium	135-1	180.00	185.62	190.14	185.25	2.74	ppb
Barium	137-1	181.59	185.60	182.36	183.18	1.16	ppb
Beryllium	9-1	1.87	1.86	1.84	1.85	0.86	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Boron	10-1	30.56	32.26	30.75	31.19	2.98	ppb
Boron	11-1	34.37	34.93	34.51	34.60	0.84	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.20	0.05	0.12	-0.01		ppb
Cadmium	106-1	-7.73	-5.22	-3.74	-5.56		ppb
Cadmium	108-1	0.75	1.23	0.90	0.96	25.75	ppb
Calcium	43-1	9951.89	10457.30	9867.01	10092.06	3.16	ppb
Calcium	44-1	10311.21	10590.73	10566.00	10489.31	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.86	71.16	69.97	69.33	3.20	ppb
Cobalt	59-2	17.20	18.06	17.84	17.70	2.53	ppb
Copper	63-2	30.60	31.16	31.16	30.97	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-58.60	256.70	423.53	207.21	118.16	ppb
Gold	197-2	18.77	18.97	20.80	19.51	5.72	ppb
Holmium	165-1				117		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	31573.91	31958.75	31851.74	31794.80	0.62	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-05DLX2	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122I	Dilution Factor :	2
Date & Time Acquired :	2022-09-09 17:40:00	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	29299.16	32507.02	29858.99	30555.05	5.61	ppb
Iron	54-2	30822.70	32644.04	32206.83	31891.19	2.98	ppb
Krypton	83-1						cps
Lead	206-1	11.45	11.46	11.47	11.46	0.08	ppb
Lead	207-1	10.71	10.31	10.93	10.65	2.97	ppb
Lead	208-1	11.00	10.85	11.22	11.02	1.68	ppb
Lithium	6-1				113		%
Magnesium	24-2	6226.48	6588.50	6250.94	6355.31	3.18	ppb
Manganese	55-2	374.52	388.29	377.80	380.20	1.89	ppb
Molybdenum	94-1	5.78	5.95	5.80	5.84	1.56	ppb
Molybdenum	95-1	0.60	0.65	0.54	0.60	9.29	ppb
Molybdenum	96-1	1.66	1.93	1.58	1.72	10.52	ppb
Molybdenum	97-1	0.60	0.62	0.66	0.63	4.45	ppb
Molybdenum	98-1	0.51	0.55	0.54	0.53	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.37	36.60	35.30	35.43	3.17	ppb
Phosphorus	31-2	934.60	943.65	1027.71	968.65	5.30	ppb
Potassium	39-2	4372.74	4547.61	4392.54	4437.63	2.16	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				116		%
Scandium	45-2				109		%
Selenium	77-2	29.13	35.21	37.13	33.82	12.35	ppb
Selenium	78-2	5.30	7.89	6.28	6.49	20.11	ppb
Selenium	82-1	0.69	1.18	2.03	1.30	51.96	ppb
Silicon	28-1	3657.06	3844.58	3686.39	3729.35	2.70	ppb
Silver	107-1	0.22	0.25	0.21	0.23	8.56	ppb
Silver	109-1	0.20	0.20	0.19	0.20	2.54	ppb
Sodium	23-2	12155.68	12633.05	12305.98	12364.90	1.97	ppb
Strontium	86-1	93.73	97.93	93.48	95.04	2.63	ppb
Strontium	88-1	98.21	102.30	101.00	100.50	2.08	ppb
Sulfur	34-1	2697.58	2939.04	2397.53	2678.05	10.13	ppb
Terbium	159-1				114		%
Terbium	159-2				112		%
Thallium	203-1	0.51	0.50	0.52	0.51	1.92	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-05DLX2	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122I	Dilution Factor :	2
Date & Time Acquired :	2022-09-09 17:40:00	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.53	0.52	0.53	0.53	0.54	ppb
Tin	118-1	0.29	0.25	0.29	0.28	9.42	ppb
Titanium	47-1	261.78	271.36	267.54	266.89	1.81	ppb
Uranium	238-1	1.50	1.52	1.58	1.53	2.63	ppb
Vanadium	51-2	74.58	77.00	75.63	75.74	1.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				116		%
Zinc	66-2	124.73	125.16	124.54	124.81	0.26	ppb
Zirconium	90-1	2.99	3.09	2.94	3.01	2.40	ppb
Zirconium	91-1	2.85	3.11	3.03	3.00	4.46	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:45:29	DataFile Name :	090CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52716.93	51887.56	48776.52	51127.00	4.06	ppb
Antimony	121-1	454.45	441.09	444.30	446.62	1.56	ppb
Arsenic	75-2	459.11	455.93	438.05	451.03	2.52	ppb
Barium	135-1	2369.10	2318.62	2320.21	2335.98	1.23	ppb
Barium	137-1	2284.99	2242.00	2274.11	2267.03	0.99	ppb
Beryllium	9-1	456.29	457.77	458.78	457.61	0.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	441.06	447.37	458.34	448.92	1.95	ppb
Boron	11-1	447.87	448.46	475.79	457.37	3.49	ppb
Bromine	81-1						cps
Cadmium	111-1	423.05	422.90	426.16	424.04	0.43	ppb
Cadmium	106-1	436.54	429.04	436.85	434.14	1.02	ppb
Cadmium	108-1	445.62	430.79	438.13	438.18	1.69	ppb
Calcium	43-1	235366.19	227770.40	236972.07	233369.55	2.11	ppb
Calcium	44-1	238298.35	237262.55	232799.76	236120.22	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.54	467.10	436.06	459.90	4.61	ppb
Cobalt	59-2	500.81	491.49	454.89	482.39	5.03	ppb
Copper	63-2	4845.03	4747.83	4469.43	4687.43	4.16	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
Gold	197-1	479.18	483.24	477.18	479.86	0.64	ppb
Gold	197-2	564.13	655.89	345.49	521.84	30.56	ppb
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	130216.51	120803.97	116725.93	122582.14	5.64	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:45:29	DataFile Name :	090CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	124451.06	127465.37	116916.41	122944.28	4.42	ppb
Iron	54-2	130559.00	125973.50	118494.16	125008.89	4.87	ppb
Krypton	83-1						cps
Lead	206-1	2406.57	2429.31	2292.89	2376.26	3.08	ppb
Lead	207-1	2356.06	2444.66	2370.17	2390.30	1.99	ppb
Lead	208-1	2388.15	2401.04	2389.83	2393.01	0.29	ppb
Lithium	6-1				107		%
Magnesium	24-2	251637.83	252154.36	236982.86	246925.02	3.49	ppb
Manganese	55-2	5071.14	5038.62	4740.49	4950.08	3.68	ppb
Molybdenum	94-1	4626.58	4637.26	4684.58	4649.47	0.66	ppb
Molybdenum	95-1	4541.10	4471.45	4634.44	4549.00	1.80	ppb
Molybdenum	96-1	4611.78	4686.58	4691.18	4663.18	0.96	ppb
Molybdenum	97-1	4609.96	4675.70	4479.22	4588.30	2.18	ppb
Molybdenum	98-1	4551.37	4499.94	4548.31	4533.21	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.59	471.55	437.28	463.14	4.93	ppb
Phosphorus	31-2	10051.06	9568.09	9012.89	9544.01	5.44	ppb
Potassium	39-2	125590.19	120121.73	112932.24	119548.05	5.31	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				101		%
Selenium	77-2	427.35	438.61	453.14	439.70	2.94	ppb
Selenium	78-2	452.57	455.71	436.09	448.13	2.35	ppb
Selenium	82-1	426.17	422.39	417.92	422.16	0.98	ppb
Silicon	28-1	472.13	478.06	478.99	476.39	0.78	ppb
Silver	107-1	433.33	425.43	435.93	431.57	1.27	ppb
Silver	109-1	446.94	428.86	442.88	439.56	2.16	ppb
Sodium	23-2	258181.88	247778.61	231763.89	245908.13	5.41	ppb
Strontium	86-1	11683.47	11565.66	11445.39	11564.84	1.03	ppb
Strontium	88-1	11620.54	11399.55	11487.30	11502.46	0.97	ppb
Sulfur	34-1	11051.07	10271.56	10375.61	10566.08	4.01	ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	484.90	500.06	459.85	481.60	4.22	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:45:29	DataFile Name :	090CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	481.48	489.25	485.77	485.50	0.80	ppb
Tin	118-1	497.72	477.91	459.95	478.53	3.95	ppb
Titanium	47-1	4611.74	4589.86	4584.18	4595.26	0.32	ppb
Uranium	238-1	488.79	488.65	471.89	483.11	2.01	ppb
Vanadium	51-2	484.44	480.99	447.02	470.82	4.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	4409.88	4396.59	4069.40	4291.96	4.49	ppb
Zirconium	90-1	462.18	466.92	470.43	466.51	0.89	ppb
Zirconium	91-1	450.31	464.47	455.30	456.69	1.57	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:49:05	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.90	0.45	0.18	0.51	70.89	ppb
Antimony	121-1	0.08	0.13	0.17	0.12	36.82	ppb
Arsenic	75-2	0.04	0.01	0.04	0.03	54.28	ppb
Barium	135-1	0.03	0.04	0.00	0.02	73.35	ppb
Barium	137-1	-0.01	0.01	-0.01	0.00		ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	5.76	ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Boron	10-1	18.36	17.08	15.11	16.85	9.73	ppb
Boron	11-1	19.53	18.27	16.00	17.93	9.98	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.65	-0.62	-0.58	-0.62		ppb
Cadmium	106-1	-7.83	-7.74	-7.31	-7.63		ppb
Cadmium	108-1	0.59	0.48	0.25	0.44	40.08	ppb
Calcium	43-1	-0.77	2.50	-4.51	-0.93		ppb
Calcium	44-1	-8.19	-6.91	-11.26	-8.79		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.05	0.04	0.04	18.17	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.10	-0.03	0.02	0.03	219.43	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
Gold	197-1	101.14	265.00	89.30	151.81	64.69	ppb
Gold	197-2	-10.81	-10.81	-10.81	-10.81		ppb
Holmium	165-1				115		%
Holmium	165-2				106		%
Indium	115-1				114		%
Indium	115-2				103		%
Iron	56-2	1.87	0.19	0.74	0.93	91.91	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:49:05	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	0.86	-1.41	0.25	-0.10		ppb
Iron	54-2	2.56	-0.67	-0.07	0.61	283.68	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.05	0.00	0.02	110.96	ppb
Lead	207-1	0.03	0.06	0.00	0.03	90.43	ppb
Lead	208-1	0.02	0.05	0.01	0.03	81.18	ppb
Lithium	6-1				114		%
Magnesium	24-2	2.76	0.17	1.97	1.63	80.97	ppb
Manganese	55-2	0.11	0.03	0.08	0.08	54.28	ppb
Molybdenum	94-1	0.44	0.52	0.30	0.42	25.93	ppb
Molybdenum	95-1	0.60	0.59	0.43	0.54	18.15	ppb
Molybdenum	96-1	0.58	0.56	0.43	0.52	15.68	ppb
Molybdenum	97-1	0.60	0.55	0.41	0.52	19.38	ppb
Molybdenum	98-1	0.62	0.55	0.37	0.51	25.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.00	0.00	300.90	ppb
Phosphorus	31-2	-31.71	-48.88	-54.28	-44.96		ppb
Potassium	39-2	8.06	3.50	-8.22	1.12	753.44	ppb
Rhodium	103-1				115		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	77-2	1.27	-0.26	0.48	0.50	153.48	ppb
Selenium	78-2	0.33	-1.11	-1.09	-0.62		ppb
Selenium	82-1	-0.13	0.25	0.24	0.12	184.95	ppb
Silicon	28-1	-2.46	-2.38	-4.18	-3.01		ppb
Silver	107-1	0.06	0.05	0.03	0.05	28.51	ppb
Silver	109-1	0.05	0.04	0.06	0.05	18.75	ppb
Sodium	23-2	52.38	36.17	39.32	42.62	20.16	ppb
Strontium	86-1	0.06	0.14	-0.07	0.05	229.09	ppb
Strontium	88-1	0.04	0.15	0.03	0.07	88.91	ppb
Sulfur	34-1	-1329.67	-1342.65	-1944.84	-1539.05		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.06	0.05	0.05	27.86	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:49:05	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.05	0.05	0.04	0.04	11.47	ppb
Tin	118-1	0.00	0.02	-0.01	0.01	257.29	ppb
Titanium	47-1	0.05	0.05	0.00	0.03	99.90	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	109.78	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	184.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				104		%
Zinc	66-2	0.27	0.03	0.02	0.11	127.90	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	90.92	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	37.47	ppb

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:28:58	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136	130	127	131	3.43	cps
Antimony	121-1	33	58	33	42	34.64	cps
Arsenic	75-2	7	7	11	8	27.71	cps
Barium	135-1	33	33	25	31	15.74	cps
Barium	137-1	83	42	92	72	37.09	cps
Beryllium	9-1	28	33	26	29	11.50	cps
Bismuth	209-1	5402150	5092720	5153875	5216248	3.14	cps
Bismuth	209-2	2621516	2678226	2725947	2675230	1.95	cps
Boron	10-1	554	500	524	526	5.14	cps
Boron	11-1	2470	2258	2220	2316	5.82	cps
Bromine	81-1	62083	61528	60333	61315	1.46	cps
Cadmium	111-1	4123	4092	3845	4020	3.79	cps
Cadmium	106-1	5868	5835	5468	5724	3.88	cps
Cadmium	108-1	25	25	17	22	21.64	cps
Calcium	43-1	357	327	352	346	4.65	cps
Calcium	44-1	13928	13960	14140	14009	0.82	cps
Carbon	12-1	3682437	3589690	3584834	3618987	1.52	cps
Carbon	12-2	41476	41225	40398	41033	1.37	cps
Chlorine	35-1	258412	255317	252816	255515	1.10	cps
Chlorine	35-2	2000	2084	2200	2095	4.80	cps
Chromium	52-2	593	563	563	573	3.02	cps
Cobalt	59-2	70	87	67	74	14.39	cps
Copper	63-2	1477	1417	1407	1433	2.64	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	25	67	53	45.58	cps
Erbium	164-2	10	23	7	13	66.12	cps
Gadolinium	160-1	108	158	92	119	29.05	cps
Gadolinium	160-2	117	127	107	117	8.57	cps
Gold	197-1	8	0	0	3	173.21	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	8233590	8441853	8180376	8285273	1.67	cps
Holmium	165-2	3637836	3977602	3868121	3827853	4.53	cps
Indium	115-1	7190860	7130193	6935812	7085622	1.88	cps
Indium	115-2	1167269	1194996	1210208	1190824	1.83	cps
Iron	56-2	4584	4228	4551	4454	4.41	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:28:58	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	189	239	233	220	12.44	cps
Iron	54-2	844	928	856	876	5.17	cps
Krypton	83-1	341	382	390	371	7.07	cps
Lead	206-1	706	661	678	682	3.29	cps
Lead	207-1	533	533	528	532	0.60	cps
Lead	208-1	2667	2389	2506	2521	5.53	cps
Lithium	6-1	4751927	4824888	5028351	4868389	2.94	cps
Magnesium	24-2	283	400	367	350	17.17	cps
Manganese	55-2	70	83	73	76	9.18	cps
Molybdenum	94-1	150	192	142	161	16.63	cps
Molybdenum	95-1	17	17	8	14	34.67	cps
Molybdenum	96-1	250	125	125	167	43.30	cps
Molybdenum	97-1	8	17	8	11	43.34	cps
Molybdenum	98-1	50	33	75	53	39.74	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	77	90	50	72	28.20	cps
Phosphorus	31-2	375	250	275	300	22.05	cps
Potassium	39-2	23687	24722	24664	24357	2.39	cps
Rhodium	103-1	6917703	6779955	7077033	6924897	2.15	cps
Rhodium	103-2	3215633	3248241	3272272	3245382	0.88	cps
Scandium	45-1	5220070	5566265	5508610	5431648	3.41	cps
Scandium	45-2	199797	207708	208469	205325	2.34	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	96	80	91	89	9.20	cps
Selenium	82-1	20	-24	-19	-8	-319.29	cps
Silicon	28-1	820460	817326	818433	818740	0.19	cps
Silver	107-1	125	150	158	144	12.01	cps
Silver	109-1	67	50	67	61	15.75	cps
Sodium	23-2	27226	28345	28094	27888	2.11	cps
Strontium	86-1	600	608	658	622	5.07	cps
Strontium	88-1	667	475	575	572	16.75	cps
Sulfur	34-1	400874	407505	405320	404567	0.84	cps
Terbium	159-1	8835607	8887248	8486955	8736603	2.49	cps
Terbium	159-2	3843731	3709531	3728838	3760700	1.93	cps
Thallium	203-1	475	292	333	367	26.21	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:28:58	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	925	883	708	839	13.71	cps
Tin	118-1	1042	1167	1117	1108	5.68	cps
Titanium	47-1	250	325	267	281	14.04	cps
Uranium	238-1	17	50	8	25	88.19	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Ytterbium	172-1	67	50	17	44	57.28	cps
Ytterbium	172-2	17	22	22	20	15.73	cps
Ytterbium	176-1	2217	2100	1809	2042	10.30	cps
Ytterbium	176-2	7513	7641	7302	7486	2.29	cps
Yttrium	89-1	11935945	12168390	12470177	12191504	2.20	cps
Yttrium	89-2	1491410	1472374	1525438	1496408	1.80	cps
Zinc	66-2	247	220	150	206	24.29	cps
Zirconium	90-1	517	492	642	550	14.61	cps
Zirconium	91-1	42	92	58	64	39.85	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:32:08	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1406	1444	1477	1442	2.47	cps
Antimony	121-1	10354	10329	10429	10371	0.50	cps
Arsenic	75-2	223	218	166	202	15.60	cps
Barium	135-1	12815	13365	12564	12915	3.17	cps
Barium	137-1	21977	22352	23279	22536	2.97	cps
Beryllium	9-1	2719	2825	2740	2761	2.04	cps
Bismuth	209-1	5278081	5450093	5238307	5322160	2.11	cps
Bismuth	209-2	2701722	2651083	2729642	2694149	1.48	cps
Boron	10-1	9379	9463	9749	9531	2.04	cps
Boron	11-1	40349	42627	43471	42149	3.83	cps
Bromine	81-1	63700	60153	60775	61543	3.08	cps
Cadmium	111-1	5895	5205	5799	5633	6.64	cps
Cadmium	106-1	6177	5318	5960	5818	7.68	cps
Cadmium	108-1	183	150	133	156	16.37	cps
Calcium	43-1	11199	11128	11113	11147	0.41	cps
Calcium	44-1	188008	191265	186845	188706	1.21	cps
Carbon	12-1	3710508	3706807	3682876	3700064	0.41	cps
Carbon	12-2	43590	42404	42537	42844	1.52	cps
Chlorine	35-1	261090	262873	262220	262061	0.34	cps
Chlorine	35-2	2250	2225	2134	2203	2.79	cps
Chromium	52-2	4354	4231	4464	4350	2.68	cps
Cobalt	59-2	3427	3437	3517	3460	1.43	cps
Copper	63-2	6532	6488	6361	6460	1.37	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	13	17	7	12	41.65	cps
Gadolinium	160-1	175	92	133	133	31.25	cps
Gadolinium	160-2	120	87	83	97	20.98	cps
Gold	197-1	17	0	8	8	100.02	cps
Gold	197-2	0	0	6	2	173.21	cps
Holmium	165-1	8371039	8475948	8366951	8404646	0.74	cps
Holmium	165-2	3894554	3917607	3765604	3859255	2.12	cps
Indium	115-1	6919556	7193703	7022205	7045155	1.97	cps
Indium	115-2	1174944	1189785	1180475	1181735	0.63	cps
Iron	56-2	81393	78979	82018	80797	1.99	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:32:08	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	2134	2150	2211	2165	1.89	cps
Iron	54-2	5040	5423	4923	5129	5.10	cps
Krypton	83-1	364	312	375	350	9.51	cps
Lead	206-1	4723	4707	5062	4831	4.16	cps
Lead	207-1	4134	4267	4312	4238	2.18	cps
Lead	208-1	18945	19367	19584	19299	1.68	cps
Lithium	6-1	4739887	4995455	4911684	4882342	2.67	cps
Magnesium	24-2	90003	85795	88419	88072	2.41	cps
Manganese	55-2	1117	1187	1073	1126	5.08	cps
Molybdenum	94-1	12706	13348	12656	12904	2.99	cps
Molybdenum	95-1	16260	16418	16110	16263	0.95	cps
Molybdenum	96-1	17779	18813	17637	18076	3.55	cps
Molybdenum	97-1	9804	9804	9829	9812	0.15	cps
Molybdenum	98-1	24823	25541	24798	25054	1.68	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1027	1090	1020	1046	3.70	cps
Phosphorus	31-2	408	475	375	419	12.14	cps
Potassium	39-2	85009	85034	83567	84537	0.99	cps
Rhodium	103-1	7166497	6988664	7167490	7107550	1.45	cps
Rhodium	103-2	3243042	3296058	3208422	3249174	1.36	cps
Scandium	45-1	5277458	5626193	5222779	5375477	4.07	cps
Scandium	45-2	205428	206361	204500	205430	0.45	cps
Selenium	77-2	33	47	17	32	46.65	cps
Selenium	78-2	154	155	152	154	0.99	cps
Selenium	82-1	717	792	700	737	6.67	cps
Silicon	28-1	867942	881910	839256	863036	2.52	cps
Silver	107-1	8536	8219	8236	8330	2.14	cps
Silver	109-1	8478	8561	8720	8586	1.43	cps
Sodium	23-2	187664	186903	182992	185853	1.35	cps
Strontium	86-1	2600	2659	2584	2614	1.51	cps
Strontium	88-1	17620	17553	16894	17356	2.31	cps
Sulfur	34-1	402825	405520	405532	404625	0.39	cps
Terbium	159-1	8357453	8723240	8709042	8596578	2.41	cps
Terbium	159-2	3732397	3728309	3739568	3733425	0.15	cps
Thallium	203-1	5635	5226	5618	5493	4.21	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:32:08	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	12765	13958	12940	13221	4.87	cps
Tin	118-1	24581	25533	24882	24999	1.95	cps
Titanium	47-1	5376	5726	5176	5426	5.13	cps
Uranium	238-1	16169	16603	16086	16286	1.71	cps
Vanadium	51-2	7389	7392	7209	7330	1.43	cps
Ytterbium	172-1	17	42	42	33	43.30	cps
Ytterbium	172-2	22	17	72	37	82.61	cps
Ytterbium	176-1	2042	1942	2125	2036	4.51	cps
Ytterbium	176-2	6952	7714	7152	7273	5.43	cps
Yttrium	89-1	12239343	12601293	12361133	12400590	1.49	cps
Yttrium	89-2	1462626	1496024	1499067	1485906	1.36	cps
Zinc	66-2	1033	1100	1003	1046	4.73	cps
Zirconium	90-1	10971	11238	10830	11013	1.88	cps
Zirconium	91-1	2184	2392	2292	2289	4.55	cps

LB Number : LB121958 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired : 2022-09-09 12:35:19 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67068	65062	63591	65241	2.68	cps
Antimony	121-1	259288	251696	258497	256493	1.63	cps
Arsenic	75-2	9354	9089	9064	9169	1.75	cps
Barium	135-1	328620	322742	334623	328662	1.81	cps
Barium	137-1	572725	569117	565505	569116	0.63	cps
Beryllium	9-1	131102	129794	130625	130507	0.51	cps
Bismuth	209-1	5157100	5570253	5535210	5420854	4.23	cps
Bismuth	209-2	2674421	2692122	2709370	2691971	0.65	cps
Boron	10-1	31001	32810	32858	32223	3.29	cps
Boron	11-1	141190	144793	146797	144260	1.97	cps
Bromine	81-1	64102	61821	57477	61134	5.51	cps
Cadmium	111-1	85755	81769	84350	83958	2.41	cps
Cadmium	106-1	14958	14516	14875	14783	1.59	cps
Cadmium	108-1	6764	6581	6527	6624	1.88	cps
Calcium	43-1	125794	127082	124274	125717	1.12	cps
Calcium	44-1	1929998	1935413	1954479	1939963	0.66	cps
Carbon	12-1	3894969	3916615	3830936	3880840	1.15	cps
Carbon	12-2	44668	44735	43357	44253	1.76	cps
Chlorine	35-1	267320	273745	269687	270251	1.20	cps
Chlorine	35-2	2192	2125	2384	2234	6.01	cps
Chromium	52-2	95269	92669	89599	92512	3.07	cps
Cobalt	59-2	168082	161958	160978	163673	2.35	cps
Copper	63-2	1279040	1306801	1261438	1282426	1.78	cps
Dysprosium	156-1	58	0	17	25	120.18	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	17	67	67	50	57.73	cps
Erbium	164-2	17	3	20	13	66.16	cps
Gadolinium	160-1	167	175	100	147	27.92	cps
Gadolinium	160-2	100	123	127	117	12.46	cps
Gold	197-1	0	17	8	8	100.02	cps
Gold	197-2	22	22	11	19	34.64	cps
Holmium	165-1	8084275	8361507	8405642	8283808	2.10	cps
Holmium	165-2	3887516	3842630	3844274	3858140	0.66	cps
Indium	115-1	6949129	7199957	7431619	7193568	3.35	cps
Indium	115-2	1201589	1170667	1149233	1173830	2.24	cps
Iron	56-2	4090673	4061738	3979743	4044051	1.42	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:35:19	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	99972	98919	95810	98233	2.20	cps
Iron	54-2	225700	219579	211926	219068	3.15	cps
Krypton	83-1	370	362	369	367	1.09	cps
Lead	206-1	1077233	1066990	1066693	1070305	0.56	cps
Lead	207-1	977259	956619	934963	956280	2.21	cps
Lead	208-1	4664599	4560807	4536312	4587239	1.48	cps
Lithium	6-1	4852464	4955401	5007380	4938415	1.60	cps
Magnesium	24-2	880265	863424	849022	864237	1.81	cps
Manganese	55-2	512183	498007	495614	501935	1.78	cps
Molybdenum	94-1	1092573	1078393	1100574	1090513	1.03	cps
Molybdenum	95-1	1632998	1600441	1574044	1602495	1.84	cps
Molybdenum	96-1	1738125	1768468	1693340	1733311	2.18	cps
Molybdenum	97-1	989960	963636	972534	975377	1.37	cps
Molybdenum	98-1	2517056	2530473	2550697	2532742	0.67	cps
Neodymium	150-1	20	60	47	42	48.24	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	46312	45526	45423	45754	1.06	cps
Phosphorus	31-2	4651	4467	4142	4420	5.83	cps
Potassium	39-2	340490	332405	325557	332818	2.25	cps
Rhodium	103-1	7053738	7239718	7086395	7126617	1.39	cps
Rhodium	103-2	3267091	3231735	3193999	3230942	1.13	cps
Scandium	45-1	5248898	5622305	5539613	5470272	3.59	cps
Scandium	45-2	203000	203817	196502	201106	1.99	cps
Selenium	77-2	233	267	273	258	8.31	cps
Selenium	78-2	844	909	880	878	3.71	cps
Selenium	82-1	7271	7086	7210	7189	1.31	cps
Silicon	28-1	2645203	2618681	2570089	2611324	1.46	cps
Silver	107-1	425663	420573	417378	421204	0.99	cps
Silver	109-1	411730	395293	397658	401560	2.21	cps
Sodium	23-2	1768844	1634790	1638213	1680615	4.55	cps
Strontium	86-1	2608675	2523955	2577440	2570023	1.67	cps
Strontium	88-1	21824224	21356013	21062307	21414182	1.79	cps
Sulfur	34-1	459912	459044	449374	456110	1.28	cps
Terbium	159-1	8578379	8935227	8752469	8755358	2.04	cps
Terbium	159-2	3867600	3856706	3765992	3830100	1.46	cps
Thallium	203-1	255070	254933	252902	254302	0.48	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:35:19	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	623037	597699	606660	609132	2.11	cps
Tin	118-1	252746	246972	247424	249047	1.29	cps
Titanium	47-1	516888	527178	522237	522101	0.99	cps
Uranium	238-1	855428	830177	842955	842853	1.50	cps
Vanadium	51-2	74322	75173	73377	74291	1.21	cps
Ytterbium	172-1	58	92	25	58	57.14	cps
Ytterbium	172-2	17	22	11	17	33.33	cps
Ytterbium	176-1	2450	2600	2450	2500	3.46	cps
Ytterbium	176-2	7297	7224	7208	7243	0.65	cps
Yttrium	89-1	12055317	12609845	12395441	12353535	2.26	cps
Yttrium	89-2	1506434	1516198	1470949	1497860	1.59	cps
Zinc	66-2	155939	157403	149407	154250	2.76	cps
Zirconium	90-1	557263	550965	546503	551577	0.98	cps
Zirconium	91-1	123808	120337	121236	121794	1.48	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:38:25	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	161928	156755	157205	158629	1.81	cps
Antimony	121-1	644133	644364	636172	641557	0.73	cps
Arsenic	75-2	22669	22324	22283	22425	0.95	cps
Barium	135-1	829101	820381	823531	824337	0.54	cps
Barium	137-1	1430246	1435470	1408186	1424634	1.02	cps
Beryllium	9-1	329722	328348	328146	328739	0.26	cps
Bismuth	209-1	5466237	5349653	5330362	5382084	1.37	cps
Bismuth	209-2	2724350	2671859	2592678	2662962	2.49	cps
Boron	10-1	78302	82207	84400	81636	3.78	cps
Boron	11-1	346148	367500	370766	361472	3.70	cps
Bromine	81-1	59317	60656	60232	60068	1.14	cps
Cadmium	111-1	203311	202694	201654	202553	0.41	cps
Cadmium	106-1	28439	28906	27770	28372	2.01	cps
Cadmium	108-1	16593	16402	15580	16192	3.33	cps
Calcium	43-1	308989	308858	312823	310223	0.73	cps
Calcium	44-1	4704046	4722562	4822096	4749568	1.34	cps
Carbon	12-1	4100124	4146001	4022059	4089395	1.53	cps
Carbon	12-2	47460	47218	46984	47221	0.50	cps
Chlorine	35-1	273031	272362	277330	274241	0.98	cps
Chlorine	35-2	2209	2025	2309	2181	6.59	cps
Chromium	52-2	229419	223524	222125	225023	1.72	cps
Cobalt	59-2	414665	398232	398316	403738	2.34	cps
Copper	63-2	3233246	3143467	3189929	3188881	1.41	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	27	10	27	21	45.58	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	20	7	33	20	66.65	cps
Gadolinium	160-1	125	100	150	125	20.00	cps
Gadolinium	160-2	80	120	117	106	21.03	cps
Gold	197-1	17	8	8	11	43.34	cps
Gold	197-2	17	33	11	20	56.76	cps
Holmium	165-1	8529850	8648452	8741478	8639927	1.23	cps
Holmium	165-2	3839601	3750346	3698995	3762981	1.89	cps
Indium	115-1	6967457	6980853	6900032	6949447	0.62	cps
Indium	115-2	1154351	1174218	1113805	1147458	2.68	cps
Iron	56-2	10269772	9904297	9808542	9994204	2.44	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:38:25	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	246202	241452	238054	241903	1.69	cps
Iron	54-2	542393	534159	540464	539005	0.80	cps
Krypton	83-1	326	370	326	341	7.41	cps
Lead	206-1	2901671	2906619	2840407	2882899	1.28	cps
Lead	207-1	2538601	2566400	2522113	2542371	0.88	cps
Lead	208-1	11669372	11861323	11471960	11667552	1.67	cps
Lithium	6-1	4909681	4959063	4881782	4916842	0.80	cps
Magnesium	24-2	2166522	2137353	2064668	2122848	2.47	cps
Manganese	55-2	1255695	1244069	1229934	1243233	1.04	cps
Molybdenum	94-1	2639132	2779256	2652641	2690343	2.87	cps
Molybdenum	95-1	3828170	3942490	3924978	3898546	1.58	cps
Molybdenum	96-1	4162330	4347936	4235620	4248629	2.20	cps
Molybdenum	97-1	2462612	2510629	2373780	2449007	2.84	cps
Molybdenum	98-1	6136274	6193404	6111615	6147098	0.68	cps
Neodymium	150-1	100	60	133	98	37.55	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	114816	110029	111144	111997	2.24	cps
Phosphorus	31-2	10087	10062	9762	9970	1.82	cps
Potassium	39-2	790601	769581	772531	777571	1.46	cps
Rhodium	103-1	7017213	7029811	6923830	6990285	0.83	cps
Rhodium	103-2	3138340	3247173	3088878	3158130	2.56	cps
Scandium	45-1	5296195	5585689	5532202	5471362	2.82	cps
Scandium	45-2	194300	199528	190485	194771	2.33	cps
Selenium	77-2	573	563	607	581	3.91	cps
Selenium	78-2	2093	1975	2086	2052	3.23	cps
Selenium	82-1	18156	18003	17794	17985	1.01	cps
Silicon	28-1	5264433	5332029	5192454	5262972	1.33	cps
Silver	107-1	1044024	1026956	1035977	1035653	0.82	cps
Silver	109-1	996311	1005216	976532	992686	1.48	cps
Sodium	23-2	4186287	3981134	3961722	4043048	3.08	cps
Strontium	86-1	6389665	6447696	6411811	6416391	0.46	cps
Strontium	88-1	53940362	54415737	55310826	54555641	1.28	cps
Sulfur	34-1	527335	531448	528800	529194	0.39	cps
Terbium	159-1	8745252	8599087	8825507	8723282	1.32	cps
Terbium	159-2	3753255	3804679	3651902	3736612	2.08	cps
Thallium	203-1	658144	656691	645644	653493	1.05	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:38:25	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1555536	1575731	1571094	1567454	0.67	cps
Tin	118-1	616638	613714	611536	613962	0.42	cps
Titanium	47-1	1263019	1295717	1308901	1289212	1.83	cps
Uranium	238-1	2192408	2218436	2160949	2190597	1.31	cps
Vanadium	51-2	185512	179513	178729	181251	2.05	cps
Ytterbium	172-1	50	67	108	75	40.06	cps
Ytterbium	172-2	72	28	28	43	60.24	cps
Ytterbium	176-1	3509	3767	3534	3603	3.96	cps
Ytterbium	176-2	7197	7397	7096	7230	2.11	cps
Yttrium	89-1	12369867	12354867	12503515	12409416	0.66	cps
Yttrium	89-2	1448144	1490128	1395559	1444611	3.28	cps
Zinc	66-2	380157	366685	369491	372111	1.91	cps
Zirconium	90-1	1356829	1371560	1384596	1370995	1.01	cps
Zirconium	91-1	307985	311279	304189	307818	1.15	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:41:33	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305861	305084	299727	303557	1.10	cps
Antimony	121-1	1267318	1275626	1285547	1276164	0.72	cps
Arsenic	75-2	43821	42851	42206	42959	1.89	cps
Barium	135-1	1709330	1680848	1706487	1698888	0.92	cps
Barium	137-1	2867417	2880590	2826570	2858192	0.99	cps
Beryllium	9-1	624987	636828	631923	631246	0.94	cps
Bismuth	209-1	5386905	5132825	4903391	5141040	4.70	cps
Bismuth	209-2	2575040	2690620	2618165	2627942	2.22	cps
Boron	10-1	150507	160635	161980	157707	3.98	cps
Boron	11-1	676803	707316	719178	701099	3.12	cps
Bromine	81-1	56554	55166	57549	56423	2.12	cps
Cadmium	111-1	389237	397284	389582	392034	1.16	cps
Cadmium	106-1	49398	50300	48645	49448	1.68	cps
Cadmium	108-1	30776	30881	30701	30786	0.29	cps
Calcium	43-1	595794	604860	598700	599785	0.77	cps
Calcium	44-1	9196726	8858426	9283794	9112982	2.47	cps
Carbon	12-1	4337474	4252153	4318887	4302838	1.04	cps
Carbon	12-2	50362	51524	50947	50945	1.14	cps
Chlorine	35-1	252153	256247	252541	253647	0.89	cps
Chlorine	35-2	2025	1967	2142	2045	4.36	cps
Chromium	52-2	437077	425699	424923	429233	1.59	cps
Cobalt	59-2	780874	770387	759855	770372	1.36	cps
Copper	63-2	5931586	6075438	6073423	6026815	1.37	cps
Dysprosium	156-1	67	58	75	67	12.50	cps
Dysprosium	156-2	20	30	27	26	19.92	cps
Erbium	164-1	25	50	67	47	44.41	cps
Erbium	164-2	20	7	7	11	69.25	cps
Gadolinium	160-1	108	158	167	144	21.84	cps
Gadolinium	160-2	83	107	113	101	15.58	cps
Gold	197-1	0	0	25	8	173.21	cps
Gold	197-2	39	11	67	39	71.43	cps
Holmium	165-1	8595292	8114626	7550142	8086687	6.47	cps
Holmium	165-2	3750549	3837107	3630964	3739540	2.77	cps
Indium	115-1	7061710	6770922	6430352	6754328	4.68	cps
Indium	115-2	1104812	1117597	1113980	1112130	0.59	cps
Iron	56-2	19050847	18706164	18582890	18779967	1.29	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:41:33	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	466954	460932	455015	460967	1.29	cps
Iron	54-2	1061530	1023090	1021416	1035345	2.19	cps
Krypton	83-1	320	367	320	336	8.17	cps
Lead	206-1	5667401	5671177	5809323	5715967	1.41	cps
Lead	207-1	5064051	4859809	5017504	4980455	2.15	cps
Lead	208-1	23105932	22463280	22944107	22837773	1.46	cps
Lithium	6-1	4917485	4764030	4466572	4716029	4.86	cps
Magnesium	24-2	4219292	4171597	3981997	4124295	3.04	cps
Manganese	55-2	2457228	2435015	2392343	2428196	1.36	cps
Molybdenum	94-1	5268467	5390398	5301555	5320140	1.19	cps
Molybdenum	95-1	7620686	7822520	7663992	7702399	1.38	cps
Molybdenum	96-1	7983126	8386626	8186018	8185257	2.46	cps
Molybdenum	97-1	4791576	4729234	4578668	4699826	2.33	cps
Molybdenum	98-1	12287005	12332911	11900314	12173410	1.95	cps
Neodymium	150-1	140	187	200	176	17.95	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	216181	210656	209284	212040	1.72	cps
Phosphorus	31-2	19622	20081	19163	19622	2.34	cps
Potassium	39-2	1511445	1487000	1475927	1491457	1.22	cps
Rhodium	103-1	6959054	6715514	6218336	6630968	5.69	cps
Rhodium	103-2	3088737	3062046	3144694	3098492	1.36	cps
Scandium	45-1	5261192	5160675	4788587	5070152	4.91	cps
Scandium	45-2	189409	192203	193906	191839	1.18	cps
Selenium	77-2	1207	1070	1103	1127	6.32	cps
Selenium	78-2	3813	3825	3773	3804	0.72	cps
Selenium	82-1	35114	34851	34380	34781	1.07	cps
Silicon	28-1	9464418	9528947	9589433	9527599	0.66	cps
Silver	107-1	2112660	2109972	2012618	2078417	2.74	cps
Silver	109-1	1947651	1988983	1985671	1974102	1.16	cps
Sodium	23-2	7961401	7745241	7586758	7764467	2.42	cps
Strontium	86-1	12408898	12215095	12072568	12232187	1.38	cps
Strontium	88-1	103260904	104691940	107609611	105187485	2.11	cps
Sulfur	34-1	640778	638205	636195	638393	0.36	cps
Terbium	159-1	8580773	8598724	8201804	8460434	2.65	cps
Terbium	159-2	3687213	3673107	3652395	3670905	0.48	cps
Thallium	203-1	1253027	1296656	1294599	1281427	1.92	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:41:33	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3175300	3264677	3208100	3216025	1.41	cps
Tin	118-1	1213096	1207729	1214554	1211793	0.30	cps
Titanium	47-1	2484553	2404812	2473444	2454270	1.76	cps
Uranium	238-1	4377551	4418875	4464240	4420222	0.98	cps
Vanadium	51-2	356476	351700	348462	352212	1.14	cps
Ytterbium	172-1	67	33	42	47	36.74	cps
Ytterbium	172-2	28	22	17	22	25.00	cps
Ytterbium	176-1	4734	5226	5051	5004	4.98	cps
Ytterbium	176-2	7791	8208	8153	8051	2.81	cps
Yttrium	89-1	12312121	11895041	10977989	11728384	5.82	cps
Yttrium	89-2	1382980	1480514	1428150	1430548	3.41	cps
Zinc	66-2	717341	712738	695263	708448	1.64	cps
Zirconium	90-1	2707720	2753744	2691011	2717492	1.20	cps
Zirconium	91-1	592371	614000	585530	597300	2.49	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:44:40	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	611585	606121	598402	605369	1.09	cps
Antimony	121-1	2576013	2607427	2575173	2586204	0.71	cps
Arsenic	75-2	86086	84872	84705	85221	0.88	cps
Barium	135-1	3326111	3343113	3322615	3330613	0.33	cps
Barium	137-1	5788190	5684663	5634474	5702442	1.37	cps
Beryllium	9-1	1219252	1261458	1240442	1240384	1.70	cps
Bismuth	209-1	5697097	5628105	5836138	5720447	1.85	cps
Bismuth	209-2	2766966	2818039	2584833	2723279	4.50	cps
Boron	10-1	307918	316459	321595	315324	2.19	cps
Boron	11-1	1242052	1293674	1334812	1290179	3.60	cps
Bromine	81-1	54121	55497	54834	54817	1.26	cps
Cadmium	111-1	759570	768731	780027	769443	1.33	cps
Cadmium	106-1	91663	94735	94701	93700	1.88	cps
Cadmium	108-1	59478	61105	58825	59803	1.96	cps
Calcium	43-1	1241198	1211431	1233341	1228656	1.26	cps
Calcium	44-1	18370959	18677105	18245364	18431143	1.20	cps
Carbon	12-1	4725601	4775480	4692055	4731046	0.89	cps
Carbon	12-2	55757	56074	57463	56431	1.61	cps
Chlorine	35-1	233113	233037	233384	233178	0.08	cps
Chlorine	35-2	1925	1658	1700	1761	8.15	cps
Chromium	52-2	865517	856992	843546	855351	1.29	cps
Cobalt	59-2	1590780	1591438	1600746	1594321	0.35	cps
Copper	63-2	12160485	11877420	11920094	11986000	1.27	cps
Dysprosium	156-1	167	158	167	164	2.93	cps
Dysprosium	156-2	47	50	50	49	3.93	cps
Erbium	164-1	17	92	75	61	64.44	cps
Erbium	164-2	13	27	20	20	33.35	cps
Gadolinium	160-1	192	267	225	228	16.50	cps
Gadolinium	160-2	157	123	130	137	12.91	cps
Gold	197-1	17	33	33	28	34.63	cps
Gold	197-2	50	44	83	59	35.49	cps
Holmium	165-1	9027573	9067474	9538210	9211085	3.08	cps
Holmium	165-2	3932181	4057880	3922852	3970971	1.90	cps
Indium	115-1	7054206	7421126	7394099	7289810	2.81	cps
Indium	115-2	1148246	1157714	1076108	1127356	3.96	cps
Iron	56-2	38165665	36755180	37416559	37445801	1.88	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:44:40	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	924770	909609	922514	918965	0.89	cps
Iron	54-2	2163241	2126036	2149055	2146110	0.87	cps
Krypton	83-1	359	386	320	355	9.38	cps
Lead	206-1	11852414	11258436	11259251	11456700	2.99	cps
Lead	207-1	9990211	10105506	9727594	9941104	1.95	cps
Lead	208-1	46782472	46051658	45100041	45978057	1.83	cps
Lithium	6-1	4960148	4964415	5245211	5056591	3.23	cps
Magnesium	24-2	8401571	7997204	7955345	8118040	3.04	cps
Manganese	55-2	4899843	4759819	4848323	4835995	1.46	cps
Molybdenum	94-1	10442293	10546572	10649498	10546121	0.98	cps
Molybdenum	95-1	15205027	15415834	15401207	15340689	0.77	cps
Molybdenum	96-1	16329948	16513481	16131884	16325104	1.17	cps
Molybdenum	97-1	9241958	9364034	9155494	9253829	1.13	cps
Molybdenum	98-1	24082041	24243800	23963458	24096433	0.58	cps
Neodymium	150-1	227	327	240	264	20.53	cps
Neodymium	150-2	20	27	13	20	33.35	cps
Nickel	60-2	427587	418036	414633	420086	1.60	cps
Phosphorus	31-2	38677	37048	38084	37936	2.17	cps
Potassium	39-2	2991935	2885193	2918953	2932027	1.86	cps
Rhodium	103-1	6929376	6990838	7275285	7065166	2.61	cps
Rhodium	103-2	3097489	3121310	2980448	3066416	2.46	cps
Scandium	45-1	5610474	5567331	5704464	5627423	1.25	cps
Scandium	45-2	198122	196548	189065	194579	2.49	cps
Selenium	77-2	2214	2040	2154	2136	4.12	cps
Selenium	78-2	7364	7204	7333	7300	1.16	cps
Selenium	82-1	68010	67768	67676	67818	0.25	cps
Silicon	28-1	17596452	17733880	17553413	17627915	0.53	cps
Silver	107-1	4049006	3999827	3947858	3998897	1.26	cps
Silver	109-1	3701224	3786943	3765029	3751065	1.19	cps
Sodium	23-2	15527273	15238338	14931215	15232276	1.96	cps
Strontium	86-1	24574891	24599948	24623076	24599305	0.10	cps
Strontium	88-1	212971259	206748217	210829338	210182938	1.50	cps
Sulfur	34-1	883610	870554	866526	873563	1.02	cps
Terbium	159-1	9044801	9385437	9817679	9415972	4.11	cps
Terbium	159-2	3964555	3963205	3687195	3871652	4.13	cps
Thallium	203-1	2763864	2723690	2647865	2711806	2.17	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:44:40	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	6520330	6382614	6334678	6412541	1.50	cps
Tin	118-1	2348951	2393765	2451059	2397925	2.13	cps
Titanium	47-1	5046015	4983886	4871671	4967190	1.78	cps
Uranium	238-1	8947972	8813430	8729829	8830410	1.25	cps
Vanadium	51-2	708339	705618	685048	699669	1.82	cps
Ytterbium	172-1	67	117	75	86	31.11	cps
Ytterbium	172-2	17	33	28	26	32.72	cps
Ytterbium	176-1	8136	8286	8653	8358	3.18	cps
Ytterbium	176-2	9615	9837	9220	9557	3.27	cps
Yttrium	89-1	12710731	12969969	13298975	12993225	2.27	cps
Yttrium	89-2	1449436	1479878	1433060	1454124	1.63	cps
Zinc	66-2	1406817	1376164	1371839	1384940	1.38	cps
Zirconium	90-1	5426922	5381516	5340608	5383015	0.80	cps
Zirconium	91-1	1179516	1223167	1193269	1198651	1.86	cps

LB Number : LB121958 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2022-09-09 12:47:48 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1308850	1300224	1317485	1308853	0.66	cps
Antimony	121-1	5117268	5244098	5241963	5201110	1.40	cps
Arsenic	75-2	180139	178579	176481	178400	1.03	cps
Barium	135-1	6733719	7003897	6833753	6857123	1.99	cps
Barium	137-1	11731827	11863658	12074753	11890079	1.45	cps
Beryllium	9-1	2442221	2429724	2437023	2436323	0.26	cps
Bismuth	209-1	5378306	5398788	5110603	5295899	3.04	cps
Bismuth	209-2	3181378	2681163	2419115	2760552	14.03	cps
Boron	10-1	634950	653488	666284	651574	2.42	cps
Boron	11-1	2609151	2641912	2676938	2642667	1.28	cps
Bromine	81-1	55166	54482	55780	55143	1.18	cps
Cadmium	111-1	1514772	1550871	1593569	1553070	2.54	cps
Cadmium	106-1	183653	186313	186514	185493	0.86	cps
Cadmium	108-1	121604	122658	125314	123192	1.55	cps
Calcium	43-1	2518708	2525063	2512270	2518680	0.25	cps
Calcium	44-1	38493790	37639076	38321346	38151404	1.18	cps
Carbon	12-1	5870761	5949476	6268853	6029697	3.50	cps
Carbon	12-2	74698	74540	75661	74966	0.81	cps
Chlorine	35-1	237694	236900	238424	237672	0.32	cps
Chlorine	35-2	1858	2009	2175	2014	7.87	cps
Chromium	52-2	1897712	2004744	1893915	1932124	3.26	cps
Cobalt	59-2	3365650	3391104	3283669	3346808	1.68	cps
Copper	63-2	25073785	24571995	25303541	24983107	1.50	cps
Dysprosium	156-1	292	325	367	328	11.46	cps
Dysprosium	156-2	110	77	120	102	22.19	cps
Erbium	164-1	108	133	83	108	23.08	cps
Erbium	164-2	40	50	40	43	13.32	cps
Gadolinium	160-1	225	217	308	250	20.28	cps
Gadolinium	160-2	163	190	150	168	12.14	cps
Gold	197-1	50	42	58	50	16.66	cps
Gold	197-2	167	211	194	191	11.77	cps
Holmium	165-1	8772842	8495990	8404719	8557850	2.24	cps
Holmium	165-2	4690939	4078734	3721105	4163593	11.78	cps
Indium	115-1	6916410	6811333	6777991	6835244	1.06	cps
Indium	115-2	1373839	1157559	1038140	1189846	14.30	cps
Iron	56-2	79663160	80073713	76109999	78615624	2.77	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:47:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	2075197	2092804	2001826	2056609	2.35	cps
Iron	54-2	4561307	4654231	4479043	4564860	1.92	cps
Krypton	83-1	324	321	385	343	10.52	cps
Lead	206-1	23340962	23720686	24322811	23794820	2.08	cps
Lead	207-1	20645158	21186680	21401296	21077712	1.85	cps
Lead	208-1	94301941	95486170	95554119	95114077	0.74	cps
Lithium	6-1	4854196	4649857	4691945	4731999	2.28	cps
Magnesium	24-2	17019324	16986252	16779720	16928432	0.77	cps
Manganese	55-2	10201132	10200658	10218037	10206609	0.10	cps
Molybdenum	94-1	21456182	22262592	22475039	22064604	2.44	cps
Molybdenum	95-1	31485211	32037467	32196383	31906354	1.17	cps
Molybdenum	96-1	33854649	34116153	34075896	34015566	0.41	cps
Molybdenum	97-1	19576675	19500633	19831247	19636185	0.88	cps
Molybdenum	98-1	51246758	50066281	52532103	51281714	2.40	cps
Neodymium	150-1	587	687	807	693	15.89	cps
Neodymium	150-2	43	50	50	48	8.06	cps
Nickel	60-2	868000	885500	860826	871442	1.46	cps
Phosphorus	31-2	79518	80180	77047	78915	2.09	cps
Potassium	39-2	6156739	6283858	6012648	6151081	2.21	cps
Rhodium	103-1	6790207	6761966	6754247	6768807	0.28	cps
Rhodium	103-2	3714235	3292015	2851889	3286047	13.12	cps
Scandium	45-1	5421202	5342888	5305556	5356549	1.10	cps
Scandium	45-2	236366	210107	182542	209671	12.84	cps
Selenium	77-2	4394	4501	4354	4416	1.72	cps
Selenium	78-2	15498	15155	15044	15232	1.56	cps
Selenium	82-1	135094	136468	137901	136488	1.03	cps
Silicon	28-1	34100546	33500407	34251014	33950656	1.17	cps
Silver	107-1	7953086	8013155	8039382	8001874	0.55	cps
Silver	109-1	7481137	7496147	7719772	7565685	1.77	cps
Sodium	23-2	32941182	32361790	32003112	32435361	1.46	cps
Strontium	86-1	51754521	51303190	52503807	51853839	1.17	cps
Strontium	88-1	437767210	440306860	437668776	438580949	0.34	cps
Sulfur	34-1	1178878	1171518	1190771	1180389	0.82	cps
Terbium	159-1	8864274	9027666	8723929	8871956	1.71	cps
Terbium	159-2	4527852	3974592	3568050	4023498	11.97	cps
Thallium	203-1	5533946	5585401	5556122	5558489	0.46	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:47:48	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	13051140	12683744	13277600	13004161	2.30	cps
Tin	118-1	4737351	4772954	4977816	4829373	2.69	cps
Titanium	47-1	10201632	10112735	10284288	10199552	0.84	cps
Uranium	238-1	17947313	18271937	17965552	18061601	1.01	cps
Vanadium	51-2	1558984	1573662	1534796	1555814	1.26	cps
Ytterbium	172-1	92	175	92	119	40.28	cps
Ytterbium	172-2	72	50	28	50	44.44	cps
Ytterbium	176-1	14492	15243	15243	14992	2.89	cps
Ytterbium	176-2	14369	13496	12139	13335	8.43	cps
Yttrium	89-1	12430918	12513976	11887262	12277385	2.77	cps
Yttrium	89-2	1774949	1531029	1387646	1564541	12.52	cps
Zinc	66-2	2884473	2895184	2853874	2877843	0.74	cps
Zirconium	90-1	10910447	11228511	11236652	11125203	1.67	cps
Zirconium	91-1	2492851	2530071	2569582	2530835	1.52	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:50:55	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6008174	6001665	5795856	5935232	2.03	cps
Antimony	121-1	4184	4968	5501	4884	13.56	cps
Arsenic	75-2	125	122	109	119	7.17	cps
Barium	135-1	3784	3526	3159	3489	9.00	cps
Barium	137-1	6285	6168	5184	5879	10.28	cps
Beryllium	9-1	727	515	436	560	26.92	cps
Bismuth	209-1	4878941	4699775	4871807	4816841	2.11	cps
Bismuth	209-2	2270270	2463701	2509674	2414548	5.26	cps
Boron	10-1	41235	38156	34790	38060	8.47	cps
Boron	11-1	185899	168366	153574	169280	9.56	cps
Bromine	81-1	57639	56955	58552	57716	1.39	cps
Cadmium	111-1	4017	3961	4024	4001	0.87	cps
Cadmium	106-1	5226	5301	5418	5315	1.82	cps
Cadmium	108-1	100	125	146	124	18.57	cps
Calcium	43-1	10795998	10943806	10632602	10790802	1.44	cps
Calcium	44-1	166138223	176488284	165763015	169463174	3.59	cps
Carbon	12-1	5706424	5862578	6024108	5864370	2.71	cps
Carbon	12-2	75645	74984	74187	74939	0.97	cps
Chlorine	35-1	235863	233739	234173	234592	0.48	cps
Chlorine	35-2	2225	2159	2009	2131	5.21	cps
Chromium	52-2	5564	5524	5191	5427	3.78	cps
Cobalt	59-2	12202	11902	11928	12011	1.38	cps
Copper	63-2	6188	6148	5675	6004	4.76	cps
Dysprosium	156-1	875	758	825	819	7.14	cps
Dysprosium	156-2	287	203	333	274	24.00	cps
Erbium	164-1	67	33	58	53	32.87	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	608	650	583	614	5.49	cps
Gadolinium	160-2	310	333	343	329	5.20	cps
Gold	197-1	0	25	17	14	91.65	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9025891	8607827	8880374	8838030	2.40	cps
Holmium	165-2	3644559	3960294	4004109	3869654	5.07	cps
Indium	115-1	6892363	6742010	6777030	6803801	1.16	cps
Indium	115-2	1058534	1147647	1143229	1116470	4.50	cps
Iron	56-2	360367086	358400541	361353653	360040427	0.42	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:50:55	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	9171388	9104580	8984764	9086911	1.04	cps
Iron	54-2	19915846	20364139	19569489	19949824	2.00	cps
Krypton	83-1	385	392	374	384	2.46	cps
Lead	206-1	6903	5001	4890	5598	20.21	cps
Lead	207-1	6069	4412	4051	4844	22.21	cps
Lead	208-1	27289	19845	19301	22145	20.16	cps
Lithium	6-1	4729464	4559190	4638693	4642449	1.84	cps
Magnesium	24-2	78912208	78490660	77295373	78232747	1.07	cps
Manganese	55-2	6035	5958	5908	5967	1.07	cps
Molybdenum	94-1	10446	8486	8636	9189	11.87	cps
Molybdenum	95-1	13866	10963	10112	11647	16.90	cps
Molybdenum	96-1	29157	27353	25549	27353	6.59	cps
Molybdenum	97-1	8912	7285	6410	7536	16.85	cps
Molybdenum	98-1	22094	16569	15059	17907	20.68	cps
Neodymium	150-1	53	73	60	62	16.37	cps
Neodymium	150-2	30	7	23	20	60.08	cps
Nickel	60-2	3590	3357	3227	3392	5.43	cps
Phosphorus	31-2	183	392	350	308	35.75	cps
Potassium	39-2	30123408	29426438	28886730	29478859	2.10	cps
Rhodium	103-1	6464871	6314167	6243702	6340914	1.78	cps
Rhodium	103-2	2764358	3002606	2983878	2916947	4.54	cps
Scandium	45-1	5362831	5429903	5405988	5399574	0.63	cps
Scandium	45-2	184404	205401	200759	196854	5.60	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	95	86	87	89	5.52	cps
Selenium	82-1	195	149	199	181	15.40	cps
Silicon	28-1	2549847	2648129	2608944	2602307	1.90	cps
Silver	107-1	3509	2725	2575	2937	17.07	cps
Silver	109-1	2709	2584	2142	2478	12.02	cps
Sodium	23-2	152635620	152227241	148265245	151042702	1.60	cps
Strontium	86-1	17520	14792	13741	15351	12.71	cps
Strontium	88-1	147186	118335	114915	126812	13.98	cps
Sulfur	34-1	344384	345054	342521	343986	0.38	cps
Terbium	159-1	9023858	8648969	8776658	8816495	2.16	cps
Terbium	159-2	3604493	3987074	3951051	3847539	5.49	cps
Thallium	203-1	2425	2184	2059	2222	8.39	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 12:50:55	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	6527	5101	5201	5610	14.19	cps
Tin	118-1	6185	6293	5876	6118	3.54	cps
Titanium	47-1	2050	1708	1875	1878	9.10	cps
Uranium	238-1	3084	1558	1375	2006	46.78	cps
Vanadium	51-2	623	647	590	620	4.59	cps
Ytterbium	172-1	100	150	142	131	20.52	cps
Ytterbium	172-2	56	100	100	85	30.12	cps
Ytterbium	176-1	1992	1700	2009	1900	9.13	cps
Ytterbium	176-2	6746	7374	7263	7128	4.70	cps
Yttrium	89-1	12564040	12398797	12300115	12420984	1.07	cps
Yttrium	89-2	1393302	1525918	1476838	1465353	4.58	cps
Zinc	66-2	2440	2514	2450	2468	1.61	cps
Zirconium	90-1	6418	5201	4959	5526	14.15	cps
Zirconium	91-1	1375	1050	1175	1200	13.66	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICV07	Instrumnet Name :	P8
Client Sample ID :	ICV07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:04:23	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31564	31292	31300	31385	0.49	cps
Antimony	121-1	1016584	1018595	1004090	1013090	0.78	cps
Arsenic	75-2	35993	35505	35198	35565	1.13	cps
Barium	135-1	128013	130294	126054	128120	1.66	cps
Barium	137-1	215732	226987	218846	220522	2.64	cps
Beryllium	9-1	255235	259190	258486	257637	0.82	cps
Bismuth	209-1	6268680	5344708	5524734	5712707	8.57	cps
Bismuth	209-2	2694645	2753740	2888581	2778989	3.58	cps
Boron	10-1	6996	6970	6860	6942	1.04	cps
Boron	11-1	31295	30610	29730	30545	2.57	cps
Bromine	81-1	58342	59156	60062	59187	1.45	cps
Cadmium	111-1	161323	161215	158285	160274	1.08	cps
Cadmium	106-1	19915	19306	19122	19448	2.13	cps
Cadmium	108-1	10512	10208	10154	10291	1.88	cps
Calcium	43-1	42337	43138	42017	42497	1.36	cps
Calcium	44-1	689983	688144	686156	688094	0.28	cps
Carbon	12-1	4086076	4153729	4147441	4129082	0.91	cps
Carbon	12-2	48539	48389	48455	48461	0.16	cps
Chlorine	35-1	257691	257699	258824	258071	0.25	cps
Chlorine	35-2	1942	2009	2167	2039	5.67	cps
Chromium	52-2	182593	180589	181428	181537	0.55	cps
Cobalt	59-2	322989	322978	321422	322463	0.28	cps
Copper	63-2	245250	241285	237972	241502	1.51	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	75	75	33	61	39.37	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	100	100	117	106	9.12	cps
Gadolinium	160-2	110	110	117	112	3.43	cps
Gold	197-1	17	8	0	8	100.02	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9834850	8626747	8636478	9032692	7.69	cps
Holmium	165-2	3833302	3840617	3887258	3853726	0.76	cps
Indium	115-1	8291158	6953065	7118259	7454161	9.79	cps
Indium	115-2	1159394	1167654	1224161	1183736	2.98	cps
Iron	56-2	3024453	2985894	3056108	3022151	1.16	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICV07	Instrumnet Name :	P8
Client Sample ID :	ICV07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:04:23	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	74411	76075	74153	74880	1.39	cps
Iron	54-2	171840	171779	167603	170407	1.43	cps
Krypton	83-1	331	364	324	340	6.26	cps
Lead	206-1	867302	883996	863372	871556	1.26	cps
Lead	207-1	730800	733060	734050	732636	0.23	cps
Lead	208-1	3417271	3546143	3462368	3475261	1.88	cps
Lithium	6-1	5666232	5015967	4971030	5217743	7.46	cps
Magnesium	24-2	194548	191751	190882	192394	1.00	cps
Manganese	55-2	97625	98141	97595	97787	0.31	cps
Molybdenum	94-1	458	458	475	464	2.07	cps
Molybdenum	95-1	442	400	417	419	5.00	cps
Molybdenum	96-1	792	583	792	722	16.66	cps
Molybdenum	97-1	225	142	275	214	31.49	cps
Molybdenum	98-1	642	783	617	681	13.21	cps
Neodymium	150-1	0	40	33	24	87.67	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	90050	90479	89879	90136	0.34	cps
Phosphorus	31-2	400	300	225	308	28.48	cps
Potassium	39-2	249631	250221	255049	251634	1.18	cps
Rhodium	103-1	7967222	6646658	7275456	7296445	9.05	cps
Rhodium	103-2	3194822	3145884	3346431	3229046	3.24	cps
Scandium	45-1	6220507	5326608	5480569	5675894	8.42	cps
Scandium	45-2	199912	199745	207955	202537	2.32	cps
Selenium	77-2	973	877	980	943	6.13	cps
Selenium	78-2	3207	3158	3204	3189	0.86	cps
Selenium	82-1	28602	28217	28726	28515	0.93	cps
Silicon	28-1	801752	804248	801260	802420	0.20	cps
Silver	107-1	396546	388354	395077	393326	1.11	cps
Silver	109-1	378610	384843	378895	380783	0.92	cps
Sodium	23-2	641985	653846	638617	644816	1.24	cps
Strontium	86-1	1008	1208	1192	1136	9.77	cps
Strontium	88-1	4526	4559	4376	4487	2.18	cps
Sulfur	34-1	362196	358704	353223	358041	1.26	cps
Terbium	159-1	10089394	8632142	8960340	9227292	8.28	cps
Terbium	159-2	3722524	3875758	4042622	3880301	4.13	cps
Thallium	203-1	1047854	1039749	1013697	1033767	1.73	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICV07	Instrumnet Name :	P8
Client Sample ID :	ICV07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:04:23	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2610326	2631198	2477083	2572869	3.25	cps
Tin	118-1	1192	1333	2429	1652	41.01	cps
Titanium	47-1	358	383	375	372	3.42	cps
Uranium	238-1	17	25	25	22	21.64	cps
Vanadium	51-2	145163	140271	142065	142499	1.74	cps
Ytterbium	172-1	75	75	58	69	13.86	cps
Ytterbium	172-2	22	28	44	31	36.74	cps
Ytterbium	176-1	1775	1975	1750	1834	6.73	cps
Ytterbium	176-2	7019	7474	7914	7469	5.99	cps
Yttrium	89-1	14144779	12086780	12655502	12962354	8.20	cps
Yttrium	89-2	1471211	1457669	1556364	1495081	3.58	cps
Zinc	66-2	58339	57996	58062	58132	0.31	cps
Zirconium	90-1	742	700	692	711	3.77	cps
Zirconium	91-1	242	250	267	253	5.04	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:07:33	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1500	1342	1514	1452	6.55	cps
Antimony	121-1	10821	11097	10554	10824	2.50	cps
Arsenic	75-2	198	190	221	203	7.93	cps
Barium	135-1	13424	12665	12756	12948	3.20	cps
Barium	137-1	22870	22411	21743	22341	2.54	cps
Beryllium	9-1	2931	2865	2861	2886	1.36	cps
Bismuth	209-1	5588703	5686524	5653376	5642868	0.88	cps
Bismuth	209-2	2755514	2841475	2723844	2773611	2.19	cps
Boron	10-1	15077	14883	14827	14929	0.88	cps
Boron	11-1	64311	66340	66181	65611	1.72	cps
Bromine	81-1	58906	59366	59448	59240	0.49	cps
Cadmium	111-1	5271	5010	5399	5226	3.79	cps
Cadmium	106-1	5284	5051	5535	5290	4.57	cps
Cadmium	108-1	238	192	221	217	10.71	cps
Calcium	43-1	11326	11344	10934	11201	2.07	cps
Calcium	44-1	188161	188034	185715	187303	0.74	cps
Carbon	12-1	3756109	3762502	3683592	3734068	1.17	cps
Carbon	12-2	44067	41977	42495	42846	2.54	cps
Chlorine	35-1	225589	225359	229116	226688	0.93	cps
Chlorine	35-2	1792	1742	1592	1708	6.09	cps
Chromium	52-2	4341	4274	4224	4280	1.37	cps
Cobalt	59-2	3417	3324	3517	3419	2.83	cps
Copper	63-2	6595	6295	8011	6967	13.16	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	75	42	58	58	28.57	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	83	183	83	117	49.48	cps
Gadolinium	160-2	97	80	103	93	12.88	cps
Gold	197-1	8	0	0	3	173.21	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	8676723	8821715	8728003	8742147	0.84	cps
Holmium	165-2	3966870	3933307	3835611	3911930	1.74	cps
Indium	115-1	7279745	7330450	7414962	7341719	0.93	cps
Indium	115-2	1195910	1175573	1139661	1170382	2.43	cps
Iron	56-2	81365	78018	105238	88207	16.83	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:07:33	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1800	2128	2751	2226	21.69	cps
Iron	54-2	5507	5546	6268	5774	7.43	cps
Krypton	83-1	321	341	320	327	3.64	cps
Lead	206-1	5162	5301	4907	5123	3.91	cps
Lead	207-1	4562	4234	4556	4451	4.22	cps
Lead	208-1	20062	20512	19929	20168	1.52	cps
Lithium	6-1	5140375	5006858	5033756	5060330	1.40	cps
Magnesium	24-2	87916	87607	86264	87262	1.01	cps
Manganese	55-2	1117	1053	1567	1246	22.47	cps
Molybdenum	94-1	13615	12815	13182	13204	3.04	cps
Molybdenum	95-1	15876	15718	16060	15885	1.08	cps
Molybdenum	96-1	17678	17553	17378	17537	0.86	cps
Molybdenum	97-1	9845	10037	9462	9781	3.00	cps
Molybdenum	98-1	26134	25190	25265	25530	2.05	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1090	870	1077	1012	12.19	cps
Phosphorus	31-2	333	358	333	342	4.22	cps
Potassium	39-2	81749	81029	83014	81931	1.23	cps
Rhodium	103-1	7011240	7229466	7150768	7130491	1.55	cps
Rhodium	103-2	3283806	3274775	3192302	3250294	1.55	cps
Scandium	45-1	5602937	5662093	5563121	5609384	0.89	cps
Scandium	45-2	205416	201483	197122	201340	2.06	cps
Selenium	77-2	23	33	30	29	17.63	cps
Selenium	78-2	157	147	157	154	3.76	cps
Selenium	82-1	664	785	686	712	9.06	cps
Silicon	28-1	836707	839937	835938	837527	0.25	cps
Silver	107-1	8536	8878	9028	8814	2.86	cps
Silver	109-1	7894	7911	8144	7983	1.75	cps
Sodium	23-2	189851	189345	191106	190101	0.48	cps
Strontium	86-1	2859	2250	3050	2720	15.36	cps
Strontium	88-1	18087	16919	18429	17812	4.45	cps
Sulfur	34-1	360555	364584	361439	362193	0.58	cps
Terbium	159-1	8918526	8945544	9256243	9040104	2.08	cps
Terbium	159-2	3850319	3580167	3803147	3744544	3.85	cps
Thallium	203-1	5843	5676	5593	5704	2.23	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:07:33	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	13858	13908	13608	13791	1.17	cps
Tin	118-1	25717	26059	24606	25460	2.98	cps
Titanium	47-1	5668	5076	5243	5329	5.73	cps
Uranium	238-1	17337	16995	15894	16742	4.51	cps
Vanadium	51-2	7415	7038	7105	7186	2.80	cps
Ytterbium	172-1	67	50	58	58	14.29	cps
Ytterbium	172-2	11	33	6	17	88.17	cps
Ytterbium	176-1	1717	1884	1892	1831	5.39	cps
Ytterbium	176-2	6813	7574	6835	7074	6.13	cps
Yttrium	89-1	12307927	12293207	12589138	12396757	1.35	cps
Yttrium	89-2	1500804	1493320	1458815	1484313	1.51	cps
Zinc	66-2	977	980	1300	1086	17.11	cps
Zirconium	90-1	11714	10262	11839	11272	7.77	cps
Zirconium	91-1	2525	2367	2134	2342	8.41	cps

LB Number : LB121958 Operator : Jaswal
 Lab Sample ID : ICB07 Instrumnet Name : P8
 Client Sample ID : ICB07 Dilution Factor : 1
 Date & Time Acquired : 2022-09-09 13:11:36 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	129	109	132	123	10.35	cps
Antimony	121-1	183	225	392	267	41.34	cps
Arsenic	75-2	7	10	4	7	42.86	cps
Barium	135-1	8	8	33	17	86.62	cps
Barium	137-1	25	58	42	42	40.00	cps
Beryllium	9-1	84	94	81	86	7.67	cps
Bismuth	209-1	6104564	5406762	5526415	5679247	6.57	cps
Bismuth	209-2	2643534	2679507	2767774	2696938	2.37	cps
Boron	10-1	4756	4780	4850	4795	1.02	cps
Boron	11-1	21580	21163	20719	21154	2.04	cps
Bromine	81-1	60746	60454	59508	60236	1.07	cps
Cadmium	111-1	4020	3482	3704	3735	7.23	cps
Cadmium	106-1	5751	4968	5326	5348	7.33	cps
Cadmium	108-1	50	58	71	60	17.56	cps
Calcium	43-1	335	300	349	328	7.66	cps
Calcium	44-1	12637	12772	12652	12687	0.58	cps
Carbon	12-1	3615833	3513935	3522021	3550596	1.60	cps
Carbon	12-2	40248	40933	41518	40899	1.55	cps
Chlorine	35-1	206222	201303	205638	204388	1.31	cps
Chlorine	35-2	1750	1600	1425	1592	10.22	cps
Chromium	52-2	617	637	557	603	6.90	cps
Cobalt	59-2	77	47	67	63	24.12	cps
Copper	63-2	1507	1413	1453	1458	3.21	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	17	42	58	39	53.92	cps
Erbium	164-2	23	7	13	14	58.06	cps
Gadolinium	160-1	175	75	100	117	44.61	cps
Gadolinium	160-2	87	103	107	99	10.83	cps
Gold	197-1	25	8	8	14	69.31	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	9241805	8904793	8775664	8974087	2.68	cps
Holmium	165-2	3871021	3846454	3975792	3897756	1.76	cps
Indium	115-1	7433901	7182685	7280669	7299085	1.73	cps
Indium	115-2	1164739	1150441	1157598	1157593	0.62	cps
Iron	56-2	4062	4206	4429	4232	4.37	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICB07	Instrumnet Name :	P8
Client Sample ID :	ICB07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:11:36	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	233	267	211	237	11.80	cps
Iron	54-2	806	822	933	854	8.14	cps
Krypton	83-1	331	376	332	347	7.39	cps
Lead	206-1	950	828	778	852	10.40	cps
Lead	207-1	700	700	811	737	8.70	cps
Lead	208-1	3217	3045	3228	3163	3.25	cps
Lithium	6-1	5367626	5032712	5044753	5148364	3.69	cps
Magnesium	24-2	308	325	267	300	10.02	cps
Manganese	55-2	73	70	83	76	9.18	cps
Molybdenum	94-1	225	250	242	239	5.33	cps
Molybdenum	95-1	192	133	200	175	20.76	cps
Molybdenum	96-1	358	242	308	303	19.33	cps
Molybdenum	97-1	75	142	83	100	36.32	cps
Molybdenum	98-1	350	358	250	319	18.87	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	77	90	90	86	9.00	cps
Phosphorus	31-2	283	317	258	286	10.23	cps
Potassium	39-2	22593	22585	22852	22677	0.67	cps
Rhodium	103-1	7462565	7272358	7232701	7322541	1.68	cps
Rhodium	103-2	3264553	3159309	3125458	3183107	2.28	cps
Scandium	45-1	5943981	5631835	5474183	5683333	4.21	cps
Scandium	45-2	198628	198861	196547	198012	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	80	85	70	78	9.75	cps
Selenium	82-1	75	11	-22	21	232.95	cps
Silicon	28-1	774194	776247	770462	773635	0.38	cps
Silver	107-1	242	192	142	192	26.09	cps
Silver	109-1	108	83	50	81	36.33	cps
Sodium	23-2	31067	31535	31376	31326	0.76	cps
Strontium	86-1	558	583	583	575	2.51	cps
Strontium	88-1	642	617	592	617	4.06	cps
Sulfur	34-1	362710	369939	370400	367683	1.17	cps
Terbium	159-1	9463498	8679559	8643874	8928977	5.19	cps
Terbium	159-2	3715736	3777398	3622832	3705322	2.10	cps
Thallium	203-1	442	408	492	447	9.38	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICB07	Instrumnet Name :	P8
Client Sample ID :	ICB07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:11:36	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1025	1058	1092	1058	3.15	cps
Tin	118-1	1192	1442	1175	1270	11.77	cps
Titanium	47-1	242	242	292	258	11.18	cps
Uranium	238-1	17	17	8	14	34.67	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Ytterbium	172-1	108	33	58	67	57.29	cps
Ytterbium	172-2	22	28	22	24	13.33	cps
Ytterbium	176-1	1700	1600	1859	1720	7.58	cps
Ytterbium	176-2	7213	7335	7430	7326	1.48	cps
Yttrium	89-1	13330455	12473516	12221745	12675238	4.59	cps
Yttrium	89-2	1481609	1487070	1454796	1474492	1.17	cps
Zinc	66-2	237	190	167	198	18.02	cps
Zirconium	90-1	483	525	500	503	4.17	cps
Zirconium	91-1	58	58	158	92	62.99	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICSA07	Instrumnet Name :	P8
Client Sample ID :	ICSA07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:14:48	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6286781	6027621	6022954	6112452	2.47	cps
Antimony	121-1	6027	5968	5910	5968	0.98	cps
Arsenic	75-2	64	50	72	62	17.96	cps
Barium	135-1	1934	1809	1642	1795	8.16	cps
Barium	137-1	3267	3300	3334	3300	1.01	cps
Beryllium	9-1	727	791	744	754	4.39	cps
Bismuth	209-1	5176546	3927040	5602951	4902179	17.77	cps
Bismuth	209-2	2408594	2435736	2525167	2456499	2.48	cps
Boron	10-1	4558	4250	4292	4366	3.83	cps
Boron	11-1	19729	19041	18852	19207	2.40	cps
Bromine	81-1	60392	64103	65401	63299	4.11	cps
Cadmium	111-1	3937	3088	4272	3765	16.21	cps
Cadmium	106-1	4943	3826	5301	4690	16.41	cps
Cadmium	108-1	1408	1421	1329	1386	3.59	cps
Calcium	43-1	2206303	2300159	2153929	2220130	3.34	cps
Calcium	44-1	34209498	35959410	34775409	34981439	2.55	cps
Carbon	12-1	27524292	28697271	28289573	28170379	2.11	cps
Carbon	12-2	320610	315904	309065	315193	1.84	cps
Chlorine	35-1	15871401	18835701	20869777	18525627	13.57	cps
Chlorine	35-2	195949	196489	205013	199150	2.55	cps
Chromium	52-2	37238	34963	35283	35828	3.44	cps
Cobalt	59-2	3671	3931	3527	3709	5.51	cps
Copper	63-2	20255	20078	19443	19925	2.14	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	50	58	42	50	16.66	cps
Erbium	164-2	23	50	17	30	58.79	cps
Gadolinium	160-1	108	117	92	106	12.06	cps
Gadolinium	160-2	113	113	150	126	16.86	cps
Gold	197-1	17	8	17	14	34.67	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8667173	6763195	9057128	8162499	15.04	cps
Holmium	165-2	3776520	3781545	3931276	3829780	2.30	cps
Indium	115-1	7111568	5397056	7504388	6671004	16.80	cps
Indium	115-2	1062977	1068428	1147521	1092975	4.33	cps
Iron	56-2	155530203	149514981	144322709	149789298	3.74	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICSA07	Instrumnet Name :	P8
Client Sample ID :	ICSA07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:14:48	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	3857354	3755777	3702801	3771977	2.08	cps
Iron	54-2	8408017	8276787	8068592	8251132	2.07	cps
Krypton	83-1	337	366	324	342	6.33	cps
Lead	206-1	23488	23839	23872	23733	0.90	cps
Lead	207-1	17868	18875	19053	18599	3.44	cps
Lead	208-1	87840	89115	90430	89128	1.45	cps
Lithium	6-1	4870128	3933329	5240557	4681338	14.39	cps
Magnesium	24-2	16413698	16236561	16140631	16263630	0.85	cps
Manganese	55-2	7789	7495	7632	7639	1.92	cps
Molybdenum	94-1	3301994	3353003	3385501	3346832	1.26	cps
Molybdenum	95-1	5875827	6134902	6021596	6010775	2.16	cps
Molybdenum	96-1	6266532	6476487	6435435	6392818	1.74	cps
Molybdenum	97-1	3661795	3620852	3736637	3673095	1.60	cps
Molybdenum	98-1	9405642	9745859	9580007	9577169	1.78	cps
Neodymium	150-1	27	33	20	27	24.99	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	4864	4734	4544	4714	3.41	cps
Phosphorus	31-2	383390	374232	375057	377560	1.34	cps
Potassium	39-2	11793082	11551828	11741939	11695616	1.09	cps
Rhodium	103-1	6743533	5032695	7249372	6341866	18.32	cps
Rhodium	103-2	2952338	2969333	3174536	3032069	4.08	cps
Scandium	45-1	5539669	4238455	5956444	5244856	17.09	cps
Scandium	45-2	187741	189097	199821	192220	3.44	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	79	86	82	82	4.26	cps
Selenium	82-1	58	25	129	70	75.36	cps
Silicon	28-1	976152	972258	975528	974646	0.21	cps
Silver	107-1	258	242	350	283	20.59	cps
Silver	109-1	225	208	258	231	11.04	cps
Sodium	23-2	32014560	31819298	31244268	31692709	1.26	cps
Strontium	86-1	67506	70035	69281	68941	1.88	cps
Strontium	88-1	577689	588947	583973	583536	0.97	cps
Sulfur	34-1	4206522	4314269	4219448	4246746	1.39	cps
Terbium	159-1	9166198	6798877	9865023	8610033	18.66	cps
Terbium	159-2	3752634	3714021	3852144	3772933	1.89	cps
Thallium	203-1	1108	1383	1525	1339	15.82	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICSA07	Instrumnet Name :	P8
Client Sample ID :	ICSA07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:14:48	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3067	3209	3584	3287	8.12	cps
Tin	118-1	2125	2075	2100	2100	1.19	cps
Titanium	47-1	1983504	2072718	2047324	2034515	2.26	cps
Uranium	238-1	300	250	242	264	11.95	cps
Vanadium	51-2	197	193	223	204	8.04	cps
Ytterbium	172-1	33	75	67	58	37.80	cps
Ytterbium	172-2	6	28	22	19	62.43	cps
Ytterbium	176-1	1959	1317	1917	1731	20.75	cps
Ytterbium	176-2	6279	6668	6780	6576	3.99	cps
Yttrium	89-1	12402103	9709874	13343184	11818387	15.96	cps
Yttrium	89-2	1394830	1425054	1491336	1437073	3.43	cps
Zinc	66-2	3174	3097	3234	3168	2.16	cps
Zirconium	90-1	542	642	767	650	17.34	cps
Zirconium	91-1	92	142	158	131	26.57	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICSAB07	Instrumnet Name :	P8
Client Sample ID :	ICSAB07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:19:28	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6190460	6076602	5944292	6070451	2.03	cps
Antimony	121-1	109387	111638	110387	110471	1.02	cps
Arsenic	75-2	3715	3694	3609	3673	1.53	cps
Barium	135-1	27980	30485	29550	29338	4.31	cps
Barium	137-1	49132	50889	49760	49927	1.78	cps
Beryllium	9-1	50661	50929	49796	50462	1.17	cps
Bismuth	209-1	5172442	5173224	5303157	5216274	1.44	cps
Bismuth	209-2	2623349	2571883	2480856	2558696	2.82	cps
Boron	10-1	3314	3452	3350	3372	2.12	cps
Boron	11-1	15039	14891	14606	14845	1.48	cps
Bromine	81-1	64394	66698	63379	64824	2.62	cps
Cadmium	111-1	33626	33911	33977	33838	0.55	cps
Cadmium	106-1	7494	7544	7244	7427	2.17	cps
Cadmium	108-1	3363	3221	3100	3228	4.07	cps
Calcium	43-1	2230591	2236220	2233203	2233338	0.13	cps
Calcium	44-1	35234086	35810334	35224468	35422963	0.95	cps
Carbon	12-1	28605386	29208951	29480139	29098159	1.54	cps
Carbon	12-2	331733	324646	328481	328287	1.08	cps
Chlorine	35-1	21128407	24403658	26392674	23974913	11.09	cps
Chlorine	35-2	231776	238738	242118	237544	2.22	cps
Chromium	52-2	73505	73123	70948	72525	1.90	cps
Cobalt	59-2	69301	68501	66937	68246	1.76	cps
Copper	63-2	67510	67403	66706	67206	0.65	cps
Dysprosium	156-1	42	33	33	36	13.33	cps
Dysprosium	156-2	10	20	13	14	35.26	cps
Erbium	164-1	50	50	58	53	9.12	cps
Erbium	164-2	20	23	27	23	14.29	cps
Gadolinium	160-1	142	75	208	142	47.06	cps
Gadolinium	160-2	57	127	130	104	39.65	cps
Gold	197-1	8	0	0	3	173.21	cps
Gold	197-2	6	0	6	4	86.60	cps
Holmium	165-1	9043056	8953413	9129461	9041977	0.97	cps
Holmium	165-2	3960165	3807590	3913857	3893870	2.01	cps
Indium	115-1	7312043	7291446	7458008	7353832	1.23	cps
Indium	115-2	1158240	1136223	1126748	1140404	1.42	cps
Iron	56-2	149685303	156996176	153346698	153342726	2.38	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICSAB07	Instrumnet Name :	P8
Client Sample ID :	ICSAB07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:19:28	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	3917222	3883655	3849747	3883541	0.87	cps
Iron	54-2	8519094	8526602	8093868	8379854	2.96	cps
Krypton	83-1	345	370	381	365	5.08	cps
Lead	206-1	105550	109119	110240	108303	2.26	cps
Lead	207-1	88984	91298	91147	90477	1.43	cps
Lead	208-1	413031	421178	424787	419665	1.43	cps
Lithium	6-1	4970529	4988569	4908252	4955783	0.85	cps
Magnesium	24-2	16027971	16496148	16284859	16269659	1.44	cps
Manganese	55-2	26952	27446	26959	27119	1.05	cps
Molybdenum	94-1	3571695	3509311	3411547	3497518	2.31	cps
Molybdenum	95-1	6181494	6233128	6032455	6149026	1.69	cps
Molybdenum	96-1	6685243	6375511	6298268	6453007	3.17	cps
Molybdenum	97-1	3788816	3729595	3763191	3760534	0.79	cps
Molybdenum	98-1	9590598	9937929	9740693	9756407	1.79	cps
Neodymium	150-1	40	33	40	38	10.19	cps
Neodymium	150-2	10	0	17	9	94.38	cps
Nickel	60-2	22358	21867	22000	22075	1.15	cps
Phosphorus	31-2	387681	385318	379760	384253	1.06	cps
Potassium	39-2	12175602	11801553	11636305	11871153	2.33	cps
Rhodium	103-1	7184349	6840597	7051291	7025412	2.47	cps
Rhodium	103-2	3045191	3203381	3142611	3130394	2.55	cps
Scandium	45-1	5967601	5760140	5885245	5870995	1.78	cps
Scandium	45-2	203663	203072	199648	202128	1.07	cps
Selenium	77-2	103	103	87	98	9.84	cps
Selenium	78-2	381	317	371	356	9.66	cps
Selenium	82-1	2851	2765	2795	2804	1.56	cps
Silicon	28-1	979674	991333	1006612	992540	1.36	cps
Silver	107-1	155695	155368	152434	154499	1.16	cps
Silver	109-1	150118	153030	149542	150896	1.24	cps
Sodium	23-2	32804690	31464637	31378442	31882590	2.51	cps
Strontium	86-1	69458	70018	69230	69569	0.58	cps
Strontium	88-1	595858	607852	588058	597256	1.67	cps
Sulfur	34-1	4340966	4378969	4395552	4371829	0.64	cps
Terbium	159-1	9287903	9321738	9291221	9300287	0.20	cps
Terbium	159-2	3916963	3833439	3621847	3790750	4.01	cps
Thallium	203-1	106716	108108	106379	107068	0.86	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	ICSAB07	Instrumnet Name :	P8
Client Sample ID :	ICSAB07	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:19:28	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	258963	263404	251814	258061	2.27	cps
Tin	118-1	2567	2150	2792	2503	13.01	cps
Titanium	47-1	2092034	2143949	2119353	2118445	1.23	cps
Uranium	238-1	317	367	358	347	7.71	cps
Vanadium	51-2	29704	29661	28766	29377	1.80	cps
Ytterbium	172-1	108	58	75	81	31.60	cps
Ytterbium	172-2	22	33	11	22	50.00	cps
Ytterbium	176-1	1742	1675	2000	1806	9.51	cps
Ytterbium	176-2	6902	7002	7002	6969	0.83	cps
Yttrium	89-1	13146939	13556732	12780680	13161451	2.95	cps
Yttrium	89-2	1535956	1499348	1467955	1501086	2.27	cps
Zinc	66-2	8693	8946	8733	8791	1.55	cps
Zirconium	90-1	717	825	608	717	15.12	cps
Zirconium	91-1	92	117	158	122	27.56	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:27:31	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3239920	3156416	3100926	3165754	2.21	cps
Antimony	121-1	2438349	2515564	2523299	2492404	1.88	cps
Arsenic	75-2	84084	83467	81968	83173	1.31	cps
Barium	135-1	3420461	3394737	3371909	3395702	0.72	cps
Barium	137-1	5671910	5912254	5867908	5817357	2.20	cps
Beryllium	9-1	1225340	1172481	1214107	1203976	2.31	cps
Bismuth	209-1	5187765	5709293	3913202	4936754	18.72	cps
Bismuth	209-2	2521875	2480954	2474587	2492472	1.03	cps
Boron	10-1	314357	326773	333460	324864	2.98	cps
Boron	11-1	1276649	1356240	1410453	1347781	4.99	cps
Bromine	81-1	61397	60494	59548	60480	1.53	cps
Cadmium	111-1	702670	721066	734115	719284	2.20	cps
Cadmium	106-1	87932	90219	89793	89315	1.36	cps
Cadmium	108-1	56528	58026	59474	58009	2.54	cps
Calcium	43-1	5536359	5346260	5740523	5541047	3.56	cps
Calcium	44-1	87895071	87059725	90470706	88475167	2.01	cps
Carbon	12-1	5362906	5705448	5909830	5659395	4.88	cps
Carbon	12-2	70653	68510	70729	69964	1.80	cps
Chlorine	35-1	1969646	1947981	1957819	1958482	0.55	cps
Chlorine	35-2	15584	14783	13965	14777	5.48	cps
Chromium	52-2	909745	894596	879822	894721	1.67	cps
Cobalt	59-2	1605176	1633597	1621905	1620226	0.88	cps
Copper	63-2	12050046	11691067	11928608	11889907	1.54	cps
Dysprosium	156-1	442	417	483	447	7.53	cps
Dysprosium	156-2	197	157	103	152	30.76	cps
Erbium	164-1	67	58	42	56	22.91	cps
Erbium	164-2	33	70	43	49	38.78	cps
Gadolinium	160-1	367	333	250	317	18.98	cps
Gadolinium	160-2	213	183	213	203	8.52	cps
Gold	197-1	50	42	25	39	32.73	cps
Gold	197-2	72	78	89	80	10.66	cps
Holmium	165-1	8970831	10212993	6861521	8681782	19.52	cps
Holmium	165-2	3957210	3750642	3921449	3876433	2.85	cps
Indium	115-1	7032130	7824314	5431680	6762708	18.02	cps
Indium	115-2	1101000	1132055	1116218	1116424	1.39	cps
Iron	56-2	189432993	187131765	184006326	186857028	1.46	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:27:31	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4876643	4775504	4723342	4791830	1.63	cps
Iron	54-2	10468790	10288832	10072633	10276752	1.93	cps
Krypton	83-1	359	394	346	366	6.72	cps
Lead	206-1	11145666	11024649	10981110	11050475	0.77	cps
Lead	207-1	9912739	9785831	9815736	9838102	0.67	cps
Lead	208-1	44510649	45056108	45099403	44888720	0.73	cps
Lithium	6-1	5115492	5461496	4110051	4895680	14.34	cps
Magnesium	24-2	41502949	40830788	39977285	40770341	1.88	cps
Manganese	55-2	5052996	5076726	4847043	4992255	2.53	cps
Molybdenum	94-1	10802955	10762476	10653210	10739547	0.72	cps
Molybdenum	95-1	15909028	15661666	16158388	15909694	1.56	cps
Molybdenum	96-1	16808245	16884758	17255160	16982721	1.41	cps
Molybdenum	97-1	9573517	9169052	9548020	9430196	2.40	cps
Molybdenum	98-1	25558808	24361569	25365097	25095158	2.56	cps
Neodymium	150-1	320	307	387	338	12.69	cps
Neodymium	150-2	23	50	33	36	37.90	cps
Nickel	60-2	419481	415480	409946	414969	1.15	cps
Phosphorus	31-2	38944	38443	39413	38933	1.25	cps
Potassium	39-2	15198401	15266147	14911497	15125348	1.24	cps
Rhodium	103-1	6908289	7713978	5188294	6603520	19.54	cps
Rhodium	103-2	2964240	3040920	3027233	3010798	1.36	cps
Scandium	45-1	5925048	6287101	4288404	5500184	19.36	cps
Scandium	45-2	202866	201714	203258	202613	0.40	cps
Selenium	77-2	2094	2157	2017	2089	3.36	cps
Selenium	78-2	7137	6885	7134	7052	2.04	cps
Selenium	82-1	64781	65002	65547	65110	0.61	cps
Silicon	28-1	18874931	18530084	19289939	18898318	2.01	cps
Silver	107-1	2142490	2293834	2241755	2226026	3.45	cps
Silver	109-1	2103398	2077276	2146883	2109186	1.67	cps
Sodium	23-2	80918735	79008754	77608216	79178568	2.10	cps
Strontium	86-1	25059243	25914225	24920005	25297824	2.13	cps
Strontium	88-1	212276867	216528897	215770330	214858698	1.06	cps
Sulfur	34-1	878930	883567	890060	884186	0.63	cps
Terbium	159-1	9464912	10032223	6927382	8808172	18.77	cps
Terbium	159-2	3843020	3757507	3759952	3786826	1.29	cps
Thallium	203-1	2662213	2635988	2670429	2656210	0.68	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:27:31	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	5970444	6372881	6225835	6189720	3.29	cps
Tin	118-1	2425418	2426380	2545738	2465845	2.81	cps
Titanium	47-1	4986732	5101036	5209952	5099240	2.19	cps
Uranium	238-1	8535499	8619026	9181679	8778735	4.00	cps
Vanadium	51-2	746847	736449	728032	737109	1.28	cps
Ytterbium	172-1	67	125	100	97	30.10	cps
Ytterbium	172-2	61	44	56	54	15.80	cps
Ytterbium	176-1	8028	8695	8270	8331	4.05	cps
Ytterbium	176-2	9576	9987	9926	9830	2.26	cps
Yttrium	89-1	13629774	14314858	9622639	12522424	20.24	cps
Yttrium	89-2	1532140	1496280	1451362	1493261	2.71	cps
Zinc	66-2	1284218	1257945	1265483	1269215	1.07	cps
Zirconium	90-1	5534823	5474751	5675555	5561710	1.85	cps
Zirconium	91-1	1242223	1236680	1275025	1251309	1.66	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:30:27	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185	164	202	184	10.56	cps
Antimony	121-1	783	1100	1567	1150	34.27	cps
Arsenic	75-2	12	16	15	14	14.52	cps
Barium	135-1	183	92	67	114	53.93	cps
Barium	137-1	392	150	183	242	54.19	cps
Beryllium	9-1	209	177	159	182	13.91	cps
Bismuth	209-1	5307495	5436587	5371973	5372019	1.20	cps
Bismuth	209-2	2683882	2816304	2777886	2759358	2.47	cps
Boron	10-1	21710	19968	18206	19961	8.78	cps
Boron	11-1	95835	87688	80475	87999	8.73	cps
Bromine	81-1	60231	63832	58905	60989	4.18	cps
Cadmium	111-1	3536	3507	3584	3542	1.09	cps
Cadmium	106-1	4943	4884	5051	4959	1.71	cps
Cadmium	108-1	17	29	21	22	28.64	cps
Calcium	43-1	486	442	389	439	11.12	cps
Calcium	44-1	16302	15280	15121	15568	4.12	cps
Carbon	12-1	3910075	3822338	3752481	3828298	2.06	cps
Carbon	12-2	41977	42236	42796	42337	0.99	cps
Chlorine	35-1	1299028	1276707	1257546	1277760	1.62	cps
Chlorine	35-2	9061	9437	9262	9253	2.03	cps
Chromium	52-2	623	600	687	637	7.04	cps
Cobalt	59-2	107	93	73	91	18.42	cps
Copper	63-2	2157	1980	2020	2052	4.51	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	33	58	42	34.64	cps
Erbium	164-2	20	20	20	20	0.00	cps
Gadolinium	160-1	100	117	100	106	9.12	cps
Gadolinium	160-2	110	93	127	110	15.15	cps
Gold	197-1	25	0	0	8	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8391280	8773059	8604227	8589522	2.23	cps
Holmium	165-2	3801697	3847008	3646628	3765111	2.79	cps
Indium	115-1	6974306	7157409	7239583	7123766	1.91	cps
Indium	115-2	1102880	1143095	1169887	1138621	2.96	cps
Iron	56-2	7602	6663	6980	7082	6.75	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:30:27	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	272	200	233	235	15.37	cps
Iron	54-2	1056	911	1011	993	7.45	cps
Krypton	83-1	394	351	341	362	7.70	cps
Lead	206-1	1450	1367	1372	1396	3.34	cps
Lead	207-1	1245	1106	1183	1178	5.91	cps
Lead	208-1	5517	5206	5212	5312	3.35	cps
Lithium	6-1	4870994	5216227	4757426	4948215	4.83	cps
Magnesium	24-2	883	725	842	817	10.05	cps
Manganese	55-2	147	107	167	140	21.82	cps
Molybdenum	94-1	2442	2334	2034	2270	9.32	cps
Molybdenum	95-1	3534	3009	2900	3148	10.77	cps
Molybdenum	96-1	3959	3259	2934	3384	15.48	cps
Molybdenum	97-1	2392	1900	1633	1975	19.48	cps
Molybdenum	98-1	4984	5043	4351	4793	8.01	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	60	80	74	16.95	cps
Phosphorus	31-2	300	275	383	319	17.76	cps
Potassium	39-2	26734	25364	25490	25863	2.93	cps
Rhodium	103-1	6905550	7003538	7258340	7055809	2.58	cps
Rhodium	103-2	3202313	3332236	3275650	3270067	1.99	cps
Scandium	45-1	5384220	5635919	5547514	5522551	2.31	cps
Scandium	45-2	188895	196626	200454	195325	3.01	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	84	61	83	76	17.10	cps
Selenium	82-1	-60	31	-13	-14	-331.91	cps
Silicon	28-1	814889	815965	803880	811578	0.82	cps
Silver	107-1	808	992	1225	1008	20.71	cps
Silver	109-1	575	883	1158	872	33.46	cps
Sodium	23-2	46709	45571	45597	45959	1.41	cps
Strontium	86-1	1492	1083	1217	1264	16.48	cps
Strontium	88-1	7869	5643	4793	6102	26.04	cps
Sulfur	34-1	337208	334302	337081	336197	0.49	cps
Terbium	159-1	8529803	8825670	9174013	8843162	3.65	cps
Terbium	159-2	3646300	3818585	3791759	3752215	2.47	cps
Thallium	203-1	1100	1183	1208	1164	4.87	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:30:27	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3100	2817	2850	2923	5.30	cps
Tin	118-1	1358	1392	1417	1389	2.11	cps
Titanium	47-1	458	325	417	400	17.05	cps
Uranium	238-1	417	183	217	272	46.36	cps
Vanadium	51-2	17	20	37	24	43.83	cps
Ytterbium	172-1	42	33	58	44	28.64	cps
Ytterbium	172-2	6	22	22	17	57.71	cps
Ytterbium	176-1	1667	1758	1884	1770	6.15	cps
Ytterbium	176-2	6824	7108	6958	6963	2.04	cps
Yttrium	89-1	12053870	12617871	12115892	12262544	2.52	cps
Yttrium	89-2	1435362	1526536	1463640	1475179	3.16	cps
Zinc	66-2	253	207	253	238	11.33	cps
Zirconium	90-1	608	517	842	656	25.56	cps
Zirconium	91-1	75	158	167	133	38.02	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:38:26	DataFile Name :	022LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1469	1310	1430	1403	5.90	cps
Antimony	121-1	10404	11080	10546	10677	3.34	cps
Arsenic	75-2	176	198	211	195	9.07	cps
Barium	135-1	12765	13048	13415	13076	2.49	cps
Barium	137-1	22878	22194	22787	22620	1.64	cps
Beryllium	9-1	2996	2880	2905	2927	2.09	cps
Bismuth	209-1	5988957	5918167	4663715	5523613	13.50	cps
Bismuth	209-2	2783760	2785022	2813800	2794194	0.61	cps
Boron	10-1	16028	16216	16230	16158	0.70	cps
Boron	11-1	71354	72495	72742	72197	1.03	cps
Bromine	81-1	59577	61238	61138	60651	1.54	cps
Cadmium	111-1	5397	5088	4033	4839	14.78	cps
Cadmium	106-1	5393	5076	3659	4709	19.61	cps
Cadmium	108-1	142	142	113	132	12.76	cps
Calcium	43-1	11625	11705	11426	11585	1.24	cps
Calcium	44-1	194218	193828	194513	194187	0.18	cps
Carbon	12-1	3792803	3824494	3774118	3797138	0.67	cps
Carbon	12-2	43657	43908	43080	43549	0.97	cps
Chlorine	35-1	747515	734086	734442	738681	1.04	cps
Chlorine	35-2	5685	5618	5268	5523	4.05	cps
Chromium	52-2	4291	4451	4144	4295	3.57	cps
Cobalt	59-2	3257	3520	3577	3452	4.95	cps
Copper	63-2	6925	6855	6648	6809	2.11	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	7	23	17	16	53.90	cps
Gadolinium	160-1	117	133	108	119	10.66	cps
Gadolinium	160-2	83	100	97	93	9.45	cps
Gold	197-1	0	0	8	3	173.21	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	9165366	9324375	7862627	8784123	9.13	cps
Holmium	165-2	3973169	3967073	3979856	3973366	0.16	cps
Indium	115-1	7587960	7648660	6296054	7177558	10.64	cps
Indium	115-2	1178087	1196011	1211863	1195320	1.41	cps
Iron	56-2	82353	80432	80834	81207	1.25	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:38:26	DataFile Name :	022LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	2139	2061	2122	2108	1.94	cps
Iron	54-2	4751	5234	5018	5001	4.84	cps
Krypton	83-1	360	411	360	377	7.85	cps
Lead	206-1	5479	5440	5257	5392	2.20	cps
Lead	207-1	4323	4712	4695	4577	4.81	cps
Lead	208-1	20907	21241	21207	21118	0.87	cps
Lithium	6-1	5527655	5499192	4655783	5227543	9.48	cps
Magnesium	24-2	86708	88662	88469	87946	1.22	cps
Manganese	55-2	1063	1090	1087	1080	1.35	cps
Molybdenum	94-1	13332	13916	13432	13560	2.30	cps
Molybdenum	95-1	16243	17178	15876	16432	4.08	cps
Molybdenum	96-1	18404	18780	18446	18543	1.11	cps
Molybdenum	97-1	10379	10921	10429	10576	2.83	cps
Molybdenum	98-1	27687	25574	25274	26178	5.02	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1020	960	1123	1034	7.99	cps
Phosphorus	31-2	308	333	292	311	6.74	cps
Potassium	39-2	83870	82704	82796	83123	0.78	cps
Rhodium	103-1	7837845	7511738	6181366	7176983	12.23	cps
Rhodium	103-2	3346904	3417055	3387633	3383864	1.04	cps
Scandium	45-1	6157505	6062602	4873694	5697934	12.56	cps
Scandium	45-2	205130	207612	207000	206581	0.63	cps
Selenium	77-2	23	20	17	20	16.65	cps
Selenium	78-2	154	155	167	159	4.56	cps
Selenium	82-1	842	725	835	801	8.21	cps
Silicon	28-1	850124	854975	851786	852295	0.29	cps
Silver	107-1	9028	9028	9103	9053	0.48	cps
Silver	109-1	8778	8645	9003	8809	2.06	cps
Sodium	23-2	194150	193887	198719	195585	1.39	cps
Strontium	86-1	2800	2592	2400	2598	7.70	cps
Strontium	88-1	18146	18747	18480	18457	1.63	cps
Sulfur	34-1	368452	368445	365101	367333	0.53	cps
Terbium	159-1	9407795	9432636	7733787	8858073	10.99	cps
Terbium	159-2	3893367	3916397	3760974	3856913	2.17	cps
Thallium	203-1	6035	6168	6052	6085	1.19	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:38:26	DataFile Name :	022LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	14851	15193	15368	15137	1.74	cps
Tin	118-1	26192	26677	25483	26117	2.30	cps
Titanium	47-1	5718	5385	5601	5568	3.04	cps
Uranium	238-1	17246	17371	16511	17043	2.72	cps
Vanadium	51-2	7585	7509	7339	7478	1.69	cps
Ytterbium	172-1	75	33	25	44	60.28	cps
Ytterbium	172-2	33	28	28	30	10.81	cps
Ytterbium	176-1	1975	1658	1400	1678	17.17	cps
Ytterbium	176-2	7291	7230	7441	7321	1.48	cps
Yttrium	89-1	13689147	13778093	11021327	12829522	12.21	cps
Yttrium	89-2	1532828	1461382	1537816	1510675	2.83	cps
Zinc	66-2	1100	953	947	1000	8.67	cps
Zirconium	90-1	11639	11714	12039	11797	1.80	cps
Zirconium	91-1	2450	2534	2692	2559	4.80	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147466BL	Instrumnet Name :	P8
Client Sample ID :	PB147466BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:41:47	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127	137	144	136	6.01	cps
Antimony	121-1	150	117	283	183	48.11	cps
Arsenic	75-2	8	4	9	7	37.80	cps
Barium	135-1	50	83	50	61	31.50	cps
Barium	137-1	50	42	67	53	24.12	cps
Beryllium	9-1	75	87	89	84	9.08	cps
Bismuth	209-1	5590599	5614854	5978403	5727952	3.79	cps
Bismuth	209-2	2759003	2790265	2834912	2794727	1.37	cps
Boron	10-1	5624	5530	5162	5439	4.49	cps
Boron	11-1	25056	24658	24027	24580	2.11	cps
Bromine	81-1	62465	59800	61236	61167	2.18	cps
Cadmium	111-1	4034	3344	3711	3696	9.34	cps
Cadmium	106-1	5718	4768	5293	5259	9.05	cps
Cadmium	108-1	21	21	33	25	28.87	cps
Calcium	43-1	332	329	294	318	6.71	cps
Calcium	44-1	13262	13392	13218	13291	0.68	cps
Carbon	12-1	3747828	3646451	3660328	3684869	1.49	cps
Carbon	12-2	41602	42437	40657	41565	2.14	cps
Chlorine	35-1	608599	605571	600461	604877	0.68	cps
Chlorine	35-2	4493	4651	4509	4551	1.91	cps
Chromium	52-2	670	597	700	656	8.11	cps
Cobalt	59-2	67	67	63	66	2.94	cps
Copper	63-2	1740	1690	1703	1711	1.51	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	33	8	33	75.01	cps
Erbium	164-2	23	23	3	17	69.30	cps
Gadolinium	160-1	108	67	117	97	27.55	cps
Gadolinium	160-2	157	113	80	117	32.95	cps
Gold	197-1	0	0	8	3	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9180216	9046891	9360913	9196006	1.71	cps
Holmium	165-2	3913155	3908094	3849206	3890152	0.91	cps
Indium	115-1	7373671	7374910	7734055	7494212	2.77	cps
Indium	115-2	1150641	1205102	1195561	1183768	2.46	cps
Iron	56-2	4173	4684	4773	4543	7.13	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147466BL	Instrumnet Name :	P8
Client Sample ID :	PB147466BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:41:47	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	172	200	156	176	12.76	cps
Iron	54-2	856	839	850	848	1.00	cps
Krypton	83-1	379	375	366	373	1.72	cps
Lead	206-1	933	678	894	835	16.49	cps
Lead	207-1	867	794	683	782	11.82	cps
Lead	208-1	3778	3289	3489	3519	6.99	cps
Lithium	6-1	5143099	5090911	5537452	5257154	4.64	cps
Magnesium	24-2	342	383	242	322	22.59	cps
Manganese	55-2	50	80	93	74	29.81	cps
Molybdenum	94-1	350	350	317	339	5.68	cps
Molybdenum	95-1	333	333	325	331	1.46	cps
Molybdenum	96-1	450	400	425	425	5.88	cps
Molybdenum	97-1	217	217	133	189	25.47	cps
Molybdenum	98-1	492	500	433	475	7.65	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	77	60	60	66	14.68	cps
Phosphorus	31-2	267	308	308	294	8.17	cps
Potassium	39-2	23495	24446	23770	23904	2.05	cps
Rhodium	103-1	7292862	7174131	7782201	7416398	4.35	cps
Rhodium	103-2	3250393	3408409	3283859	3314220	2.51	cps
Scandium	45-1	5723537	5562616	6068441	5784864	4.47	cps
Scandium	45-2	200429	203193	202645	202089	0.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	81	94	94	90	8.37	cps
Selenium	82-1	23	-13	-36	-9	-337.76	cps
Silicon	28-1	789595	787535	793916	790348	0.41	cps
Silver	107-1	308	442	617	456	33.94	cps
Silver	109-1	267	367	558	397	37.31	cps
Sodium	23-2	36104	36471	36079	36218	0.61	cps
Strontium	86-1	533	475	567	525	8.84	cps
Strontium	88-1	583	500	558	547	7.81	cps
Sulfur	34-1	380249	378068	371040	376452	1.28	cps
Terbium	159-1	9198455	9065435	9191583	9151825	0.82	cps
Terbium	159-2	3876542	3868349	3879389	3874760	0.15	cps
Thallium	203-1	708	792	675	725	8.29	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147466BL	Instrumnet Name :	P8
Client Sample ID :	PB147466BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:41:47	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1759	1550	1775	1695	7.40	cps
Tin	118-1	1200	1317	1375	1297	6.87	cps
Titanium	47-1	292	358	250	300	18.22	cps
Uranium	238-1	17	25	17	19	24.73	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Ytterbium	172-1	67	58	42	56	22.91	cps
Ytterbium	172-2	39	11	44	31	56.73	cps
Ytterbium	176-1	1884	1675	1583	1714	8.97	cps
Ytterbium	176-2	7152	7335	6819	7102	3.69	cps
Yttrium	89-1	12758230	12854198	13644839	13085756	3.72	cps
Yttrium	89-2	1482360	1548876	1501604	1510947	2.27	cps
Zinc	66-2	227	213	210	217	4.07	cps
Zirconium	90-1	583	458	658	567	17.83	cps
Zirconium	91-1	67	142	100	103	36.56	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147467BL	Instrumnet Name :	P8
Client Sample ID :	PB147467BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:47:55	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149	116	109	125	17.06	cps
Antimony	121-1	67	117	133	106	32.87	cps
Arsenic	75-2	17	16	13	15	13.58	cps
Barium	135-1	33	25	58	39	44.61	cps
Barium	137-1	42	58	17	39	53.93	cps
Beryllium	9-1	339	274	255	289	15.20	cps
Bismuth	209-1	5326238	5605394	5418704	5450112	2.61	cps
Bismuth	209-2	2648131	2672207	2731269	2683869	1.59	cps
Boron	10-1	3584	3578	3512	3558	1.12	cps
Boron	11-1	15635	15663	15233	15510	1.55	cps
Bromine	81-1	61700	61128	64043	62290	2.48	cps
Cadmium	111-1	3373	3843	3284	3500	8.58	cps
Cadmium	106-1	4601	5326	4551	4826	8.99	cps
Cadmium	108-1	8	21	38	22	65.86	cps
Calcium	43-1	309	312	309	310	0.70	cps
Calcium	44-1	12937	13188	12967	13031	1.05	cps
Carbon	12-1	4367677	4353702	4240725	4320701	1.61	cps
Carbon	12-2	46900	46056	44167	45708	3.06	cps
Chlorine	35-1	6631980	6005088	5543188	6060085	9.02	cps
Chlorine	35-2	38410	35001	33807	35739	6.68	cps
Chromium	52-2	627	653	593	624	4.81	cps
Cobalt	59-2	90	67	70	76	16.70	cps
Copper	63-2	2087	2147	1993	2076	3.72	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	50	25	47	44.41	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	125	117	50	97	42.28	cps
Gadolinium	160-2	87	113	110	103	14.06	cps
Gold	197-1	17	8	8	11	43.34	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	7942286	8920945	8620832	8494688	5.90	cps
Holmium	165-2	3790134	3750568	3845493	3795398	1.26	cps
Indium	115-1	6947420	7260842	7247551	7151938	2.48	cps
Indium	115-2	1142102	1150225	1149713	1147347	0.40	cps
Iron	56-2	4340	4540	4523	4467	2.48	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147467BL	Instrumnet Name :	P8
Client Sample ID :	PB147467BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:47:55	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	217	228	228	224	2.86	cps
Iron	54-2	711	783	850	782	8.89	cps
Krypton	83-1	346	342	320	336	4.22	cps
Lead	206-1	1156	1111	1217	1161	4.56	cps
Lead	207-1	894	922	1089	969	10.86	cps
Lead	208-1	4278	4106	4573	4319	5.46	cps
Lithium	6-1	4908586	5295302	5127083	5110323	3.79	cps
Magnesium	24-2	200	325	342	289	26.80	cps
Manganese	55-2	127	113	117	119	5.84	cps
Molybdenum	94-1	400	258	442	367	26.21	cps
Molybdenum	95-1	158	200	267	208	26.23	cps
Molybdenum	96-1	317	292	367	325	11.75	cps
Molybdenum	97-1	175	117	100	131	30.17	cps
Molybdenum	98-1	300	267	325	297	9.85	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	67	57	67	63	9.12	cps
Phosphorus	31-2	308	317	325	317	2.63	cps
Potassium	39-2	23954	24321	23111	23795	2.61	cps
Rhodium	103-1	6928622	7346332	7128876	7134610	2.93	cps
Rhodium	103-2	3246718	3339413	3165032	3250388	2.68	cps
Scandium	45-1	5477958	5777754	5648592	5634768	2.67	cps
Scandium	45-2	196215	199167	202828	199404	1.66	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	80	61	79	73	14.58	cps
Selenium	82-1	36	45	34	38	15.42	cps
Silicon	28-1	809553	797850	799951	802451	0.78	cps
Silver	107-1	61330	83588	113548	86155	30.41	cps
Silver	109-1	58217	78157	108993	81789	31.28	cps
Sodium	23-2	37357	35861	35820	36346	2.41	cps
Strontium	86-1	625	683	600	636	6.72	cps
Strontium	88-1	692	667	650	669	3.13	cps
Sulfur	34-1	375459	376049	376206	375905	0.10	cps
Terbium	159-1	8333772	9200577	8799233	8777861	4.94	cps
Terbium	159-2	3732087	3819315	3741448	3764283	1.27	cps
Thallium	203-1	3109	2517	2742	2789	10.71	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147467BL	Instrumnet Name :	P8
Client Sample ID :	PB147467BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:47:55	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	8261	6777	6352	7130	14.06	cps
Tin	118-1	1475	1433	1283	1397	7.22	cps
Titanium	47-1	267	283	242	264	7.95	cps
Uranium	238-1	108	75	108	97	19.80	cps
Vanadium	51-2	7	17	10	11	45.82	cps
Ytterbium	172-1	33	33	42	36	13.33	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	1667	1683	1592	1647	2.96	cps
Ytterbium	176-2	6557	7091	7030	6893	4.24	cps
Yttrium	89-1	12341726	12342499	12303059	12329095	0.18	cps
Yttrium	89-2	1419558	1476958	1468502	1455006	2.13	cps
Zinc	66-2	180	223	223	209	11.98	cps
Zirconium	90-1	567	933	1433	978	44.49	cps
Zirconium	91-1	158	158	225	181	21.32	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:54:02	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5035	5043	5237	5105	2.24	cps
Antimony	121-1	333	317	425	358	16.28	cps
Arsenic	75-2	576	576	558	570	1.82	cps
Barium	135-1	322865	308558	318252	316558	2.31	cps
Barium	137-1	563527	560926	554630	559695	0.82	cps
Beryllium	9-1	507	442	487	479	6.95	cps
Bismuth	209-1	5517366	5568631	5270165	5452054	2.93	cps
Bismuth	209-2	2652840	2605767	2666091	2641566	1.20	cps
Boron	10-1	24115	24458	24728	24433	1.26	cps
Boron	11-1	108244	111735	110824	110268	1.64	cps
Bromine	81-1	74617	73730	78108	75485	3.07	cps
Cadmium	111-1	3825	3511	3383	3573	6.37	cps
Cadmium	106-1	5184	4784	4643	4870	5.77	cps
Cadmium	108-1	29	25	42	32	27.15	cps
Calcium	43-1	500763	499044	503041	500950	0.40	cps
Calcium	44-1	7875877	7986284	8009581	7957247	0.90	cps
Carbon	12-1	7335167	8149441	8661673	8048760	8.31	cps
Carbon	12-2	99661	102800	103103	101855	1.87	cps
Chlorine	35-1	9193988	8508155	7940511	8547551	7.34	cps
Chlorine	35-2	54335	51693	49092	51707	5.07	cps
Chromium	52-2	3430	3377	3410	3406	0.79	cps
Cobalt	59-2	3017	2984	2920	2974	1.65	cps
Copper	63-2	3807	3757	3837	3801	1.06	cps
Dysprosium	156-1	842	858	758	819	6.54	cps
Dysprosium	156-2	433	310	323	356	19.04	cps
Erbium	164-1	775	758	725	753	3.38	cps
Erbium	164-2	263	233	300	266	12.57	cps
Gadolinium	160-1	950	925	700	858	16.04	cps
Gadolinium	160-2	423	483	477	461	7.13	cps
Gold	197-1	0	8	8	6	86.60	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	8690108	8733085	8461949	8628381	1.69	cps
Holmium	165-2	3675000	3653407	3863503	3730637	3.10	cps
Indium	115-1	7133342	7520787	7033302	7229144	3.56	cps
Indium	115-2	1133590	1149789	1167473	1150284	1.47	cps
Iron	56-2	6151065	6089718	6230340	6157041	1.15	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:54:02	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	154856	150001	149433	151430	1.97	cps
Iron	54-2	338336	332603	331163	334034	1.14	cps
Krypton	83-1	357	384	309	350	10.87	cps
Lead	206-1	5585	5601	5218	5468	3.96	cps
Lead	207-1	4779	4401	4234	4471	6.24	cps
Lead	208-1	22058	21052	20663	21257	3.39	cps
Lithium	6-1	5162609	5290106	5228653	5227123	1.22	cps
Magnesium	24-2	1210346	1202073	1183440	1198619	1.15	cps
Manganese	55-2	333176	323934	326612	327907	1.45	cps
Molybdenum	94-1	1075	1467	2242	1595	37.24	cps
Molybdenum	95-1	542	675	667	628	11.90	cps
Molybdenum	96-1	1092	1167	1217	1158	5.43	cps
Molybdenum	97-1	350	458	358	389	15.50	cps
Molybdenum	98-1	967	950	1000	972	2.62	cps
Neodymium	150-1	1133	1287	980	1133	13.53	cps
Neodymium	150-2	340	293	343	326	8.59	cps
Nickel	60-2	2130	1993	2140	2088	3.93	cps
Phosphorus	31-2	1967	1817	1700	1828	7.31	cps
Potassium	39-2	481314	459111	468661	469695	2.37	cps
Rhodium	103-1	6986456	7531268	6977659	7165128	4.43	cps
Rhodium	103-2	3230528	3242937	3366700	3280055	2.30	cps
Scandium	45-1	5688479	5687553	5709138	5695056	0.21	cps
Scandium	45-2	202330	202089	204950	203123	0.78	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	98	99	74	90	15.67	cps
Selenium	82-1	43	30	77	50	49.24	cps
Silicon	28-1	80358596	81007860	80341875	80569443	0.47	cps
Silver	107-1	7219	9695	15109	10674	37.80	cps
Silver	109-1	6935	9245	13524	9901	33.76	cps
Sodium	23-2	2173669	2151439	2211197	2178768	1.39	cps
Strontium	86-1	490545	489969	492222	490912	0.24	cps
Strontium	88-1	4158808	4222953	4300920	4227561	1.68	cps
Sulfur	34-1	491071	489468	481911	487483	1.00	cps
Terbium	159-1	8815226	9351928	8488877	8885344	4.90	cps
Terbium	159-2	3667085	3708126	3857929	3744380	2.68	cps
Thallium	203-1	4459	3376	3217	3684	18.35	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:54:02	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	9762	8636	7411	8603	13.67	cps
Tin	118-1	4468	4643	4251	4454	4.41	cps
Titanium	47-1	6577	6894	6735	6735	2.35	cps
Uranium	238-1	808	883	658	783	14.63	cps
Vanadium	51-2	630	643	593	622	4.16	cps
Ytterbium	172-1	258	200	258	239	14.10	cps
Ytterbium	172-2	206	111	83	133	48.05	cps
Ytterbium	176-1	1750	1934	1767	1817	5.58	cps
Ytterbium	176-2	7008	7285	7063	7119	2.07	cps
Yttrium	89-1	12669137	12930562	12796436	12798712	1.02	cps
Yttrium	89-2	1484161	1475310	1501222	1486897	0.89	cps
Zinc	66-2	8079	7682	7966	7909	2.58	cps
Zirconium	90-1	2067	2759	6143	3656	59.66	cps
Zirconium	91-1	408	567	1183	719	56.92	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022D	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:57:07	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6132	5913	5708	5918	3.58	cps
Antimony	121-1	175	258	383	272	38.52	cps
Arsenic	75-2	590	604	594	596	1.21	cps
Barium	135-1	314997	323198	313610	317268	1.63	cps
Barium	137-1	549552	557762	541635	549650	1.47	cps
Beryllium	9-1	362	336	369	356	4.85	cps
Bismuth	209-1	5335542	5639969	5408463	5461324	2.91	cps
Bismuth	209-2	2685545	2701564	2625872	2670994	1.49	cps
Boron	10-1	24373	24359	25219	24650	2.00	cps
Boron	11-1	110504	110854	111867	111075	0.64	cps
Bromine	81-1	78399	81824	83003	81075	2.95	cps
Cadmium	111-1	3414	3384	3205	3334	3.39	cps
Cadmium	106-1	4751	4701	4459	4637	3.36	cps
Cadmium	108-1	29	46	42	39	22.30	cps
Calcium	43-1	508650	494798	489647	497698	1.97	cps
Calcium	44-1	8196789	8051704	8025460	8091318	1.14	cps
Carbon	12-1	7578520	8002211	8394161	7991631	5.10	cps
Carbon	12-2	100618	101189	100988	100932	0.29	cps
Chlorine	35-1	4089662	3930453	3861649	3960588	2.95	cps
Chlorine	35-2	29906	28562	26583	28351	5.90	cps
Chromium	52-2	3147	3214	2980	3114	3.86	cps
Cobalt	59-2	3004	2707	2914	2875	5.29	cps
Copper	63-2	3370	3197	3440	3336	3.76	cps
Dysprosium	156-1	1008	1067	908	995	8.05	cps
Dysprosium	156-2	377	347	357	360	4.24	cps
Erbium	164-1	683	642	733	686	6.69	cps
Erbium	164-2	253	337	307	299	14.12	cps
Gadolinium	160-1	967	1000	850	939	8.39	cps
Gadolinium	160-2	417	447	523	462	11.90	cps
Gold	197-1	17	8	0	8	100.02	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	8815258	9126278	8463559	8801698	3.77	cps
Holmium	165-2	3802972	3969863	3727275	3833370	3.24	cps
Indium	115-1	7259910	7522981	7288145	7357012	1.96	cps
Indium	115-2	1135353	1164522	1150093	1149989	1.27	cps
Iron	56-2	6155813	6068732	6077825	6100790	0.78	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022D	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:57:07	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	149652	149780	146356	148596	1.31	cps
Iron	54-2	327609	329041	323067	326573	0.96	cps
Krypton	83-1	369	322	349	347	6.69	cps
Lead	206-1	5307	5357	4984	5216	3.88	cps
Lead	207-1	4162	4317	4151	4210	2.21	cps
Lead	208-1	20301	20412	20001	20238	1.05	cps
Lithium	6-1	5198740	5024314	5156172	5126408	1.77	cps
Magnesium	24-2	1183035	1185037	1158837	1175636	1.24	cps
Manganese	55-2	315535	328581	320694	321603	2.04	cps
Molybdenum	94-1	692	675	1042	803	25.79	cps
Molybdenum	95-1	542	667	783	664	18.20	cps
Molybdenum	96-1	833	892	1067	931	13.05	cps
Molybdenum	97-1	275	350	342	322	12.76	cps
Molybdenum	98-1	867	758	717	781	9.92	cps
Neodymium	150-1	1047	1187	1200	1145	7.42	cps
Neodymium	150-2	330	390	367	362	8.35	cps
Nickel	60-2	2194	1960	2087	2080	5.62	cps
Phosphorus	31-2	1825	1733	1884	1814	4.17	cps
Potassium	39-2	464773	465737	464138	464883	0.17	cps
Rhodium	103-1	7225016	7249748	7100191	7191651	1.11	cps
Rhodium	103-2	3302482	3318042	3331554	3317359	0.44	cps
Scandium	45-1	5737881	5622712	5482070	5614221	2.28	cps
Scandium	45-2	204167	202785	199991	202314	1.05	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	89	80	104	91	13.32	cps
Selenium	82-1	1	91	84	59	85.00	cps
Silicon	28-1	83604002	79357629	79619398	80860343	2.94	cps
Silver	107-1	6602	8061	12890	9184	35.83	cps
Silver	109-1	6452	7577	11547	8525	31.40	cps
Sodium	23-2	2187268	2171814	2169544	2176209	0.44	cps
Strontium	86-1	509415	479202	480331	489649	3.50	cps
Strontium	88-1	4390227	4156656	4278289	4275057	2.73	cps
Sulfur	34-1	477127	471868	466801	471932	1.09	cps
Terbium	159-1	8936187	9042861	8663729	8880926	2.20	cps
Terbium	159-2	3749861	3889426	3837363	3825550	1.84	cps
Thallium	203-1	1875	1850	1784	1836	2.58	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022D	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 13:57:07	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	4326	4459	4276	4354	2.18	cps
Tin	118-1	3942	4226	3842	4003	4.97	cps
Titanium	47-1	6610	7027	6485	6707	4.23	cps
Uranium	238-1	808	558	833	733	20.74	cps
Vanadium	51-2	703	683	767	718	6.06	cps
Ytterbium	172-1	325	333	275	311	10.14	cps
Ytterbium	172-2	111	111	111	111	0.00	cps
Ytterbium	176-1	1675	1775	1859	1770	5.19	cps
Ytterbium	176-2	6846	7147	7291	7095	3.20	cps
Yttrium	89-1	13051036	12795006	12839610	12895217	1.06	cps
Yttrium	89-2	1522206	1520159	1519734	1520699	0.09	cps
Zinc	66-2	7655	7779	7699	7711	0.81	cps
Zirconium	90-1	1192	1392	2475	1686	40.95	cps
Zirconium	91-1	150	342	442	311	47.64	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022L	Dilution Factor :	5
Date & Time Acquired :	2022-09-09 14:00:14	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1126	1084	1087	1099	2.14	cps
Antimony	121-1	133	50	100	94	44.41	cps
Arsenic	75-2	134	127	122	128	4.72	cps
Barium	135-1	63040	62118	59625	61594	2.87	cps
Barium	137-1	107469	110598	108443	108837	1.47	cps
Beryllium	9-1	230	200	231	220	8.03	cps
Bismuth	209-1	5562807	5715411	5479508	5585908	2.14	cps
Bismuth	209-2	2872679	2797617	2643880	2771392	4.21	cps
Boron	10-1	7272	7600	7368	7414	2.28	cps
Boron	11-1	33738	33898	32291	33309	2.66	cps
Bromine	81-1	73299	72142	69414	71618	2.79	cps
Cadmium	111-1	3752	3213	3494	3486	7.74	cps
Cadmium	106-1	5243	4526	4934	4901	7.34	cps
Cadmium	108-1	25	38	21	28	31.23	cps
Calcium	43-1	99925	99009	96371	98435	1.87	cps
Calcium	44-1	1625294	1593712	1600568	1606525	1.03	cps
Carbon	12-1	5494713	5510559	5671512	5558928	1.76	cps
Carbon	12-2	62156	61479	61011	61549	0.94	cps
Chlorine	35-1	2324183	2287344	2243668	2285065	1.76	cps
Chlorine	35-2	17169	17169	15993	16777	4.05	cps
Chromium	52-2	1190	1123	1210	1175	3.86	cps
Cobalt	59-2	667	670	647	661	1.91	cps
Copper	63-2	2157	2300	2003	2154	6.89	cps
Dysprosium	156-1	167	233	108	169	36.91	cps
Dysprosium	156-2	80	90	67	79	14.84	cps
Erbium	164-1	217	208	192	206	6.19	cps
Erbium	164-2	87	83	57	76	21.76	cps
Gadolinium	160-1	233	283	233	250	11.55	cps
Gadolinium	160-2	180	150	213	181	17.49	cps
Gold	197-1	0	8	8	6	86.60	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	8853297	8885855	8781325	8840159	0.61	cps
Holmium	165-2	3867641	3961144	3795269	3874685	2.15	cps
Indium	115-1	7440072	7502747	7323539	7422119	1.23	cps
Indium	115-2	1186909	1156899	1145761	1163190	1.83	cps
Iron	56-2	1215111	1151315	1167682	1178036	2.81	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022L	Dilution Factor :	5
Date & Time Acquired :	2022-09-09 14:00:14	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	30901	28713	30115	29910	3.71	cps
Iron	54-2	66114	66460	64953	65842	1.20	cps
Krypton	83-1	399	341	361	367	7.95	cps
Lead	206-1	1489	1572	1728	1596	7.60	cps
Lead	207-1	1417	1317	1261	1332	5.92	cps
Lead	208-1	6262	6128	6034	6141	1.86	cps
Lithium	6-1	5001360	4874041	4934148	4936516	1.29	cps
Magnesium	24-2	226000	227655	223998	225884	0.81	cps
Manganese	55-2	65269	64224	62540	64011	2.15	cps
Molybdenum	94-1	458	417	483	453	7.44	cps
Molybdenum	95-1	325	258	275	286	12.12	cps
Molybdenum	96-1	583	467	408	486	18.33	cps
Molybdenum	97-1	217	183	167	189	13.48	cps
Molybdenum	98-1	517	375	483	458	16.16	cps
Neodymium	150-1	193	207	200	200	3.33	cps
Neodymium	150-2	93	57	53	68	32.74	cps
Nickel	60-2	460	473	383	439	11.07	cps
Phosphorus	31-2	633	608	658	633	3.95	cps
Potassium	39-2	113496	110783	108718	110999	2.16	cps
Rhodium	103-1	7191726	7382327	7373888	7315980	1.47	cps
Rhodium	103-2	3385113	3306402	3357493	3349669	1.19	cps
Scandium	45-1	5858243	5696942	5836110	5797098	1.51	cps
Scandium	45-2	204555	201620	198821	201666	1.42	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	82	89	105	92	12.81	cps
Selenium	82-1	-16	65	13	20	201.79	cps
Silicon	28-1	16920270	16757168	16090982	16589473	2.65	cps
Silver	107-1	19131	24831	34912	26291	30.40	cps
Silver	109-1	18480	24156	33918	25518	30.60	cps
Sodium	23-2	449810	440554	438940	443102	1.32	cps
Strontium	86-1	99657	96055	98455	98056	1.87	cps
Strontium	88-1	845075	824279	824878	831411	1.42	cps
Sulfur	34-1	356937	359302	350644	355627	1.26	cps
Terbium	159-1	8885561	8918490	9303243	9035765	2.57	cps
Terbium	159-2	3892546	3701739	3727725	3774004	2.74	cps
Thallium	203-1	1358	1250	1092	1233	10.87	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022L	Dilution Factor :	5
Date & Time Acquired :	2022-09-09 14:00:14	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2900	2892	2959	2917	1.25	cps
Tin	118-1	1992	2167	2017	2059	4.60	cps
Titanium	47-1	1392	1667	1508	1522	9.07	cps
Uranium	238-1	183	83	92	119	46.45	cps
Vanadium	51-2	103	143	97	114	22.06	cps
Ytterbium	172-1	25	92	75	64	54.31	cps
Ytterbium	172-2	61	39	67	56	26.46	cps
Ytterbium	176-1	1709	1608	1600	1639	3.68	cps
Ytterbium	176-2	7041	7135	7313	7163	1.93	cps
Yttrium	89-1	13164373	12454651	12637196	12752073	2.89	cps
Yttrium	89-2	1514720	1502713	1458150	1491861	2.00	cps
Zinc	66-2	1683	1793	1783	1753	3.47	cps
Zirconium	90-1	833	683	850	789	11.64	cps
Zirconium	91-1	117	167	167	150	19.24	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:09:15	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3297226	3259851	3209768	3255615	1.35	cps
Antimony	121-1	2534850	2603069	2624088	2587336	1.80	cps
Arsenic	75-2	85521	84538	81920	83993	2.22	cps
Barium	135-1	3631106	3576586	3648673	3618788	1.04	cps
Barium	137-1	5961568	6076728	5917764	5985354	1.37	cps
Beryllium	9-1	1221873	1271904	1244438	1246072	2.01	cps
Bismuth	209-1	5176781	5222945	5400801	5266842	2.25	cps
Bismuth	209-2	2491579	2417608	2641424	2516870	4.53	cps
Boron	10-1	314468	330818	330527	325271	2.88	cps
Boron	11-1	1317754	1405502	1375059	1366105	3.26	cps
Bromine	81-1	67654	65723	66468	66615	1.46	cps
Cadmium	111-1	768821	748699	756870	758130	1.33	cps
Cadmium	106-1	94995	95172	92243	94137	1.74	cps
Cadmium	108-1	60905	59766	59013	59895	1.59	cps
Calcium	43-1	5924197	5909002	5801808	5878336	1.13	cps
Calcium	44-1	89028212	94691154	91970929	91896765	3.08	cps
Carbon	12-1	6559498	6791480	6906613	6752530	2.62	cps
Carbon	12-2	77580	79155	78677	78471	1.03	cps
Chlorine	35-1	9461520	8864912	8429988	8918807	5.81	cps
Chlorine	35-2	60025	56460	52855	56447	6.35	cps
Chromium	52-2	929678	923748	877740	910389	3.12	cps
Cobalt	59-2	1723194	1662300	1592738	1659410	3.93	cps
Copper	63-2	12700726	12132858	12103041	12312209	2.74	cps
Dysprosium	156-1	442	475	467	461	3.76	cps
Dysprosium	156-2	183	197	177	186	5.49	cps
Erbium	164-1	75	108	67	83	26.46	cps
Erbium	164-2	43	20	37	33	36.05	cps
Gadolinium	160-1	408	400	375	394	4.40	cps
Gadolinium	160-2	227	183	207	206	10.55	cps
Gold	197-1	33	25	17	25	33.32	cps
Gold	197-2	56	44	67	56	20.00	cps
Holmium	165-1	9056242	9548158	9187161	9263854	2.75	cps
Holmium	165-2	3998253	3815717	3972948	3928973	2.52	cps
Indium	115-1	7340791	7371875	7445765	7386144	0.73	cps
Indium	115-2	1129503	1125455	1155904	1136954	1.45	cps
Iron	56-2	189303515	188408671	185288354	187666847	1.12	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:09:15	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4899936	4791548	4730071	4807185	1.79	cps
Iron	54-2	10575544	10771110	10354367	10567007	1.97	cps
Krypton	83-1	376	344	369	363	4.69	cps
Lead	206-1	11537313	11463649	11603107	11534689	0.60	cps
Lead	207-1	10089906	10167752	10327668	10195108	1.19	cps
Lead	208-1	45177439	46297394	47106357	46193730	2.10	cps
Lithium	6-1	5011877	5049740	5210592	5090736	2.07	cps
Magnesium	24-2	42990872	41247919	41278757	41839183	2.38	cps
Manganese	55-2	5140253	5150633	4872843	5054576	3.12	cps
Molybdenum	94-1	11349669	11341576	11377627	11356291	0.17	cps
Molybdenum	95-1	16629608	16657817	16529706	16605710	0.41	cps
Molybdenum	96-1	18049232	17670875	17886533	17868880	1.06	cps
Molybdenum	97-1	10520449	9801038	9771748	10031078	4.23	cps
Molybdenum	98-1	26806647	25890659	25560595	26085967	2.47	cps
Neodymium	150-1	440	313	347	367	17.91	cps
Neodymium	150-2	23	37	17	26	39.85	cps
Nickel	60-2	424600	415331	408853	416261	1.90	cps
Phosphorus	31-2	40332	40858	38494	39895	3.11	cps
Potassium	39-2	15675970	15555393	15212081	15481148	1.55	cps
Rhodium	103-1	6925832	6841452	6944454	6903913	0.80	cps
Rhodium	103-2	3000821	2925206	3197080	3041036	4.61	cps
Scandium	45-1	5816447	5982113	5789304	5862622	1.78	cps
Scandium	45-2	207911	196813	211731	205485	3.77	cps
Selenium	77-2	2057	2134	2044	2078	2.34	cps
Selenium	78-2	7136	7207	6920	7088	2.10	cps
Selenium	82-1	66647	65548	66555	66250	0.92	cps
Silicon	28-1	19296350	19480642	19380033	19385675	0.48	cps
Silver	107-1	3085069	3039761	2966046	3030292	1.98	cps
Silver	109-1	2857208	2926411	2912226	2898615	1.26	cps
Sodium	23-2	83319191	81002929	79491221	81271114	2.37	cps
Strontium	86-1	27329664	26494571	26794443	26872893	1.57	cps
Strontium	88-1	236537039	224535288	232614189	231228839	2.65	cps
Sulfur	34-1	917378	926322	906731	916810	1.07	cps
Terbium	159-1	9459091	9755539	9541667	9585432	1.60	cps
Terbium	159-2	3835282	3751959	3904554	3830598	1.99	cps
Thallium	203-1	2750312	2672678	2745587	2722859	1.60	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:09:15	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	6353722	6494101	6607906	6485243	1.96	cps
Tin	118-1	2560088	2603941	2630871	2598300	1.38	cps
Titanium	47-1	5307401	5311745	5317932	5312359	0.10	cps
Uranium	238-1	8835916	9014363	9076022	8975434	1.39	cps
Vanadium	51-2	761650	748696	732422	747589	1.96	cps
Ytterbium	172-1	117	125	133	125	6.67	cps
Ytterbium	172-2	39	78	44	54	39.16	cps
Ytterbium	176-1	7794	9045	7552	8131	9.85	cps
Ytterbium	176-2	9637	9709	10104	9817	2.56	cps
Yttrium	89-1	13843569	13422492	13449991	13572017	1.74	cps
Yttrium	89-2	1519254	1448008	1565907	1511056	3.93	cps
Zinc	66-2	1367355	1345625	1306395	1339792	2.31	cps
Zirconium	90-1	5987854	5873365	5856546	5905922	1.21	cps
Zirconium	91-1	1296698	1282612	1322808	1300706	1.57	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:20:47	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221	167	144	177	22.37	cps
Antimony	121-1	158	242	325	242	34.48	cps
Arsenic	75-2	16	10	11	12	26.06	cps
Barium	135-1	42	25	117	61	79.90	cps
Barium	137-1	108	133	200	147	32.19	cps
Beryllium	9-1	292	252	269	271	7.42	cps
Bismuth	209-1	5817101	5661233	5668719	5715684	1.54	cps
Bismuth	209-2	2829097	2753564	2711439	2764700	2.16	cps
Boron	10-1	4020	3890	4020	3976	1.89	cps
Boron	11-1	18434	18003	17647	18028	2.19	cps
Bromine	81-1	60936	63231	64768	62978	3.06	cps
Cadmium	111-1	3159	3368	3374	3300	3.71	cps
Cadmium	106-1	4451	4709	4684	4615	3.09	cps
Cadmium	108-1	33	29	13	25	44.09	cps
Calcium	43-1	389	360	349	366	5.64	cps
Calcium	44-1	13920	13895	14106	13974	0.83	cps
Carbon	12-1	3731690	3749862	3750081	3743878	0.28	cps
Carbon	12-2	41141	41660	41568	41456	0.67	cps
Chlorine	35-1	1373026	1330146	1325796	1342989	1.94	cps
Chlorine	35-2	9987	10329	9895	10070	2.27	cps
Chromium	52-2	677	603	660	647	5.94	cps
Cobalt	59-2	160	90	63	104	47.80	cps
Copper	63-2	2110	1900	1760	1923	9.16	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	33	75	58	37.80	cps
Erbium	164-2	23	13	17	18	28.64	cps
Gadolinium	160-1	83	83	100	89	10.83	cps
Gadolinium	160-2	130	110	100	113	13.48	cps
Gold	197-1	17	8	25	17	50.01	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9150660	8987816	9003154	9047210	0.99	cps
Holmium	165-2	3940234	3951834	3802916	3898328	2.12	cps
Indium	115-1	7587907	7285567	7406825	7426766	2.05	cps
Indium	115-2	1176176	1198122	1148766	1174355	2.11	cps
Iron	56-2	7830	4934	5123	5963	27.17	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:20:47	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	311	217	250	259	18.48	cps
Iron	54-2	1167	872	967	1002	15.01	cps
Krypton	83-1	362	349	366	359	2.57	cps
Lead	206-1	1056	967	983	1002	4.72	cps
Lead	207-1	995	950	872	939	6.59	cps
Lead	208-1	4556	3989	4167	4237	6.84	cps
Lithium	6-1	5027809	5089095	5003791	5040231	0.87	cps
Magnesium	24-2	1200	575	392	722	58.68	cps
Manganese	55-2	287	153	160	200	37.56	cps
Molybdenum	94-1	617	400	500	506	21.45	cps
Molybdenum	95-1	625	667	583	625	6.67	cps
Molybdenum	96-1	708	633	825	722	13.37	cps
Molybdenum	97-1	392	300	358	350	13.26	cps
Molybdenum	98-1	958	1008	850	939	8.62	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	97	67	73	79	19.97	cps
Phosphorus	31-2	317	292	292	300	4.81	cps
Potassium	39-2	23962	23971	23996	23976	0.07	cps
Rhodium	103-1	7299606	7050247	7579329	7309727	3.62	cps
Rhodium	103-2	3361239	3415637	3337557	3371478	1.19	cps
Scandium	45-1	5648705	5820826	5734611	5734714	1.50	cps
Scandium	45-2	205301	203024	203862	204062	0.56	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	78	78	81	79	2.19	cps
Selenium	82-1	9	59	-19	16	241.79	cps
Silicon	28-1	793280	785690	778408	785793	0.95	cps
Silver	107-1	19848	11422	7986	13085	46.64	cps
Silver	109-1	17938	10029	7811	11926	44.64	cps
Sodium	23-2	35152	35026	35001	35060	0.23	cps
Strontium	86-1	908	850	1092	950	13.27	cps
Strontium	88-1	4547	3617	3334	3833	16.55	cps
Sulfur	34-1	372605	378751	372811	374722	0.93	cps
Terbium	159-1	9134248	8947139	9175699	9085696	1.34	cps
Terbium	159-2	3892546	3932584	3724313	3849814	2.87	cps
Thallium	203-1	1283	1175	1158	1206	5.63	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:20:47	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3000	2942	2642	2862	6.72	cps
Tin	118-1	1250	1258	1108	1206	6.99	cps
Titanium	47-1	500	342	317	386	25.75	cps
Uranium	238-1	283	142	150	192	41.47	cps
Vanadium	51-2	43	13	7	21	92.51	cps
Ytterbium	172-1	50	75	42	56	31.22	cps
Ytterbium	172-2	0	17	17	11	86.60	cps
Ytterbium	176-1	1784	1642	1608	1678	5.54	cps
Ytterbium	176-2	7291	7452	7552	7432	1.77	cps
Yttrium	89-1	12997616	13006366	12944673	12982885	0.26	cps
Yttrium	89-2	1512220	1530586	1479277	1507361	1.72	cps
Zinc	66-2	243	263	227	244	7.51	cps
Zirconium	90-1	750	625	783	719	11.60	cps
Zirconium	91-1	175	100	108	128	32.17	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-02	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:24:48	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	615	646	671	644	4.37	cps
Antimony	121-1	175	317	325	272	30.97	cps
Arsenic	75-2	392	410	419	407	3.38	cps
Barium	135-1	283428	275483	283076	280663	1.60	cps
Barium	137-1	498219	479867	488736	488941	1.88	cps
Beryllium	9-1	204	174	189	189	7.95	cps
Bismuth	209-1	5414697	6078002	5398671	5630457	6.89	cps
Bismuth	209-2	2647752	2668232	2699179	2671721	0.97	cps
Boron	10-1	24335	24017	24257	24203	0.69	cps
Boron	11-1	107781	109782	113008	110190	2.39	cps
Bromine	81-1	77646	76730	77184	77186	0.59	cps
Cadmium	111-1	2902	3487	3356	3248	9.45	cps
Cadmium	106-1	4076	4976	4776	4609	10.26	cps
Cadmium	108-1	25	54	71	50	46.40	cps
Calcium	43-1	510019	495528	499706	501751	1.49	cps
Calcium	44-1	8154383	8111907	7980840	8082377	1.12	cps
Carbon	12-1	6726032	7414257	7967526	7369272	8.44	cps
Carbon	12-2	94999	96810	98472	96760	1.80	cps
Chlorine	35-1	1468378	1502796	1501571	1490915	1.31	cps
Chlorine	35-2	12256	11955	12047	12086	1.27	cps
Chromium	52-2	2590	2594	2610	2598	0.41	cps
Cobalt	59-2	2414	2314	2394	2374	2.23	cps
Copper	63-2	4317	4097	4104	4173	3.00	cps
Dysprosium	156-1	150	92	92	111	30.31	cps
Dysprosium	156-2	50	27	33	37	32.78	cps
Erbium	164-1	42	108	75	75	44.44	cps
Erbium	164-2	23	27	27	26	7.55	cps
Gadolinium	160-1	167	100	142	136	24.74	cps
Gadolinium	160-2	103	127	113	114	10.23	cps
Gold	197-1	17	8	0	8	100.02	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8465639	9322621	8964356	8917539	4.83	cps
Holmium	165-2	3983624	3951465	3921578	3952222	0.79	cps
Indium	115-1	7036894	7890406	7299078	7408793	5.90	cps
Indium	115-2	1138239	1156213	1159174	1151208	0.98	cps
Iron	56-2	3376539	3421069	3351756	3383121	1.04	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-02	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:24:48	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	83784	82958	82069	82937	1.03	cps
Iron	54-2	183367	180569	180789	181575	0.86	cps
Krypton	83-1	352	340	310	334	6.54	cps
Lead	206-1	2250	2272	2267	2263	0.51	cps
Lead	207-1	1950	1795	1867	1871	4.16	cps
Lead	208-1	9007	8512	8762	8761	2.82	cps
Lithium	6-1	4962172	5390205	4998543	5116973	4.64	cps
Magnesium	24-2	1187863	1186874	1215425	1196721	1.35	cps
Manganese	55-2	297001	302349	296669	298673	1.07	cps
Molybdenum	94-1	533	767	825	708	21.79	cps
Molybdenum	95-1	725	692	683	700	3.15	cps
Molybdenum	96-1	1117	842	1025	995	14.08	cps
Molybdenum	97-1	508	483	417	469	10.09	cps
Molybdenum	98-1	917	1008	1233	1053	15.48	cps
Neodymium	150-1	247	247	207	233	9.90	cps
Neodymium	150-2	57	80	50	62	25.32	cps
Nickel	60-2	2994	2977	3004	2991	0.45	cps
Phosphorus	31-2	1075	1050	1325	1150	13.22	cps
Potassium	39-2	471240	479046	478973	476420	0.94	cps
Rhodium	103-1	6939234	7938639	7118539	7332137	7.27	cps
Rhodium	103-2	3315224	3192022	3200388	3235878	2.13	cps
Scandium	45-1	5678556	6285473	5677560	5880530	5.96	cps
Scandium	45-2	197455	202312	206012	201926	2.13	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	80	76	83	80	4.41	cps
Selenium	82-1	20	43	59	40	48.14	cps
Silicon	28-1	81392493	80342168	79459287	80397983	1.20	cps
Silver	107-1	600	692	750	681	11.11	cps
Silver	109-1	575	583	667	608	8.33	cps
Sodium	23-2	2248250	2250331	2212291	2236957	0.96	cps
Strontium	86-1	488568	489898	497935	492133	1.03	cps
Strontium	88-1	4229511	4067447	4223282	4173414	2.20	cps
Sulfur	34-1	505651	491861	488002	495171	1.87	cps
Terbium	159-1	8697854	9415102	8954664	9022540	4.03	cps
Terbium	159-2	3761211	3825884	3761412	3782836	0.99	cps
Thallium	203-1	1175	1217	1042	1145	7.99	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-02	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:24:48	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2700	2667	2534	2634	3.35	cps
Tin	118-1	2992	2934	2909	2945	1.45	cps
Titanium	47-1	2134	1800	1892	1942	8.87	cps
Uranium	238-1	500	450	583	511	13.18	cps
Vanadium	51-2	67	83	67	72	13.32	cps
Ytterbium	172-1	92	92	33	72	46.64	cps
Ytterbium	172-2	28	22	44	31	36.74	cps
Ytterbium	176-1	1467	1642	1733	1614	8.40	cps
Ytterbium	176-2	7202	7652	7569	7474	3.20	cps
Yttrium	89-1	12252238	13741762	12799644	12931215	5.83	cps
Yttrium	89-2	1461857	1456009	1499126	1472331	1.59	cps
Zinc	66-2	6885	6728	6855	6823	1.22	cps
Zirconium	90-1	708	767	1133	870	26.50	cps
Zirconium	91-1	83	150	258	164	53.89	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-03	Instrumnet Name :	P8
Client Sample ID :	MW-11A-11-16-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:27:55	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7410	7726	6812	7316	6.35	cps
Antimony	121-1	517	550	425	497	13.02	cps
Arsenic	75-2	236	278	252	255	8.30	cps
Barium	135-1	106461	107872	107420	107251	0.67	cps
Barium	137-1	183570	185095	184381	184349	0.41	cps
Beryllium	9-1	397	427	417	414	3.69	cps
Bismuth	209-1	5403616	5538239	5503352	5481736	1.27	cps
Bismuth	209-2	2705546	1865026	2760383	2443652	20.54	cps
Boron	10-1	36767	37412	39090	37756	3.18	cps
Boron	11-1	167744	176262	172499	172169	2.48	cps
Bromine	81-1	101782	107512	112081	107125	4.82	cps
Cadmium	111-1	3398	3604	3610	3537	3.41	cps
Cadmium	106-1	4476	4776	4951	4734	5.08	cps
Cadmium	108-1	50	21	92	54	65.73	cps
Calcium	43-1	702928	699205	701765	701299	0.27	cps
Calcium	44-1	10870076	11104935	10869004	10948005	1.24	cps
Carbon	12-1	7958115	8612802	9112312	8561076	6.76	cps
Carbon	12-2	107274	111916	111229	110140	2.27	cps
Chlorine	35-1	2670434	2884645	3055449	2870176	6.72	cps
Chlorine	35-2	26041	26066	25682	25929	0.83	cps
Chromium	52-2	2557	2670	2704	2644	2.91	cps
Cobalt	59-2	21964	23189	22481	22545	2.73	cps
Copper	63-2	7135	7495	7165	7265	2.75	cps
Dysprosium	156-1	250	292	325	289	13.01	cps
Dysprosium	156-2	117	133	117	122	7.87	cps
Erbium	164-1	400	442	383	408	7.36	cps
Erbium	164-2	173	150	193	172	12.59	cps
Gadolinium	160-1	425	500	383	436	13.56	cps
Gadolinium	160-2	240	210	233	228	6.92	cps
Gold	197-1	8	0	0	3	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8441274	8875942	8860061	8725759	2.82	cps
Holmium	165-2	4019551	2665749	4058212	3581171	22.14	cps
Indium	115-1	7330031	7363257	7491282	7394857	1.15	cps
Indium	115-2	1194696	816867	1214074	1075212	20.83	cps
Iron	56-2	1434449	1464771	1418116	1439112	1.65	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-03	Instrumnet Name :	P8
Client Sample ID :	MW-11A-11-16-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:27:55	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	36252	38068	36714	37011	2.55	cps
Iron	54-2	74874	79906	77683	77488	3.25	cps
Krypton	83-1	342	310	347	333	6.11	cps
Lead	206-1	4795	5134	4640	4857	5.21	cps
Lead	207-1	4279	4078	4367	4242	3.49	cps
Lead	208-1	19245	19506	18845	19199	1.74	cps
Lithium	6-1	4848823	5190821	5221506	5087050	4.07	cps
Magnesium	24-2	2610538	2731219	2601162	2647640	2.74	cps
Manganese	55-2	639114	670684	644933	651577	2.58	cps
Molybdenum	94-1	1000	1033	1133	1056	6.57	cps
Molybdenum	95-1	925	758	767	817	11.50	cps
Molybdenum	96-1	1133	1058	992	1061	6.68	cps
Molybdenum	97-1	508	442	525	492	8.97	cps
Molybdenum	98-1	1108	983	1233	1108	11.28	cps
Neodymium	150-1	427	393	380	400	6.01	cps
Neodymium	150-2	123	117	120	120	2.78	cps
Nickel	60-2	22284	22424	21850	22186	1.35	cps
Phosphorus	31-2	983	1142	858	995	14.28	cps
Potassium	39-2	475528	490031	475775	480445	1.73	cps
Rhodium	103-1	7171118	6994039	7523805	7229654	3.73	cps
Rhodium	103-2	3361746	2319979	3367312	3016346	19.99	cps
Scandium	45-1	5761614	5631877	5982703	5792064	3.06	cps
Scandium	45-2	209065	144383	213451	188967	20.47	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	67	78	91	79	15.27	cps
Selenium	82-1	99	90	90	93	5.44	cps
Silicon	28-1	76479983	75759593	75752543	75997373	0.55	cps
Silver	107-1	400	517	658	525	24.64	cps
Silver	109-1	392	475	433	433	9.62	cps
Sodium	23-2	14006781	13699076	13653488	13786448	1.39	cps
Strontium	86-1	728227	744024	720419	730890	1.65	cps
Strontium	88-1	6442555	6235378	6334348	6337427	1.64	cps
Sulfur	34-1	1252642	1231820	1241281	1241915	0.84	cps
Terbium	159-1	8869678	8748915	9185998	8934864	2.53	cps
Terbium	159-2	3785719	2686207	4034411	3502112	20.49	cps
Thallium	203-1	1367	1192	1233	1264	7.23	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-03	Instrumnet Name :	P8
Client Sample ID :	MW-11A-11-16-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:27:55	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2700	3025	2750	2825	6.20	cps
Tin	118-1	1817	1759	1817	1797	1.87	cps
Titanium	47-1	3742	3617	4301	3887	9.37	cps
Uranium	238-1	558	458	392	469	17.87	cps
Vanadium	51-2	973	1140	1033	1049	8.05	cps
Ytterbium	172-1	608	767	583	653	15.23	cps
Ytterbium	172-2	283	322	261	289	10.71	cps
Ytterbium	176-1	1992	1909	1925	1942	2.27	cps
Ytterbium	176-2	7563	5068	7691	6774	21.84	cps
Yttrium	89-1	13079341	12583678	13192151	12951724	2.50	cps
Yttrium	89-2	1534182	1026515	1558456	1373051	21.87	cps
Zinc	66-2	9610	9710	9550	9623	0.84	cps
Zirconium	90-1	2167	1800	2150	2039	10.16	cps
Zirconium	91-1	417	417	542	458	15.75	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-04	Instrumnet Name :	P8
Client Sample ID :	MW-11A-11-16-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:31:00	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3494	3529	3504	3509	0.51	cps
Antimony	121-1	383	367	392	381	3.34	cps
Arsenic	75-2	254	244	227	242	5.65	cps
Barium	135-1	109534	107546	107075	108052	1.21	cps
Barium	137-1	193700	188704	188060	190154	1.62	cps
Beryllium	9-1	406	371	431	403	7.48	cps
Bismuth	209-1	5345197	5766168	6418313	5843226	9.25	cps
Bismuth	209-2	2981194	2849572	2977819	2936195	2.56	cps
Boron	10-1	38908	39998	40014	39640	1.60	cps
Boron	11-1	174724	181134	177628	177829	1.81	cps
Bromine	81-1	113686	118117	118925	116909	2.41	cps
Cadmium	111-1	3462	3433	3900	3599	7.27	cps
Cadmium	106-1	4784	4684	5460	4976	8.48	cps
Cadmium	108-1	58	42	25	42	40.00	cps
Calcium	43-1	709498	708994	690843	703112	1.51	cps
Calcium	44-1	11459566	11220687	10964561	11214938	2.21	cps
Carbon	12-1	8073963	8809668	9066906	8650179	5.96	cps
Carbon	12-2	106015	105940	108238	106731	1.22	cps
Chlorine	35-1	2987068	3184129	3326329	3165842	5.38	cps
Chlorine	35-2	27410	29172	28437	28339	3.12	cps
Chromium	52-2	2234	2317	2160	2237	3.51	cps
Cobalt	59-2	23473	23012	22461	22982	2.20	cps
Copper	63-2	2694	3014	2810	2839	5.70	cps
Dysprosium	156-1	208	158	192	186	13.68	cps
Dysprosium	156-2	53	103	60	72	37.59	cps
Erbium	164-1	283	333	375	331	13.89	cps
Erbium	164-2	137	137	110	128	12.05	cps
Gadolinium	160-1	308	208	250	256	19.66	cps
Gadolinium	160-2	217	190	203	203	6.56	cps
Gold	197-1	0	0	0	0	0.00	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8446610	9222939	9815894	9161814	7.50	cps
Holmium	165-2	4426518	4267237	4016873	4236876	4.87	cps
Indium	115-1	7254451	7652295	8373979	7760242	7.31	cps
Indium	115-2	1294002	1225405	1264011	1261140	2.73	cps
Iron	56-2	1266403	1276538	1251701	1264881	0.99	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-04	Instrumnet Name :	P8
Client Sample ID :	MW-11A-11-16-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:31:00	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	32499	32760	32476	32578	0.48	cps
Iron	54-2	69257	70067	70155	69826	0.71	cps
Krypton	83-1	314	347	341	334	5.37	cps
Lead	206-1	1767	1811	1711	1763	2.84	cps
Lead	207-1	1456	1445	1422	1441	1.18	cps
Lead	208-1	6862	7134	6584	6860	4.01	cps
Lithium	6-1	5024835	5306966	5682780	5338194	6.18	cps
Magnesium	24-2	2603133	2699803	2706844	2669927	2.17	cps
Manganese	55-2	656501	668322	656870	660564	1.02	cps
Molybdenum	94-1	950	967	975	964	1.32	cps
Molybdenum	95-1	708	842	667	739	12.37	cps
Molybdenum	96-1	1083	967	1000	1017	5.91	cps
Molybdenum	97-1	433	433	492	453	7.44	cps
Molybdenum	98-1	1208	908	1192	1103	15.29	cps
Neodymium	150-1	260	167	213	213	21.88	cps
Neodymium	150-2	57	47	67	57	17.65	cps
Nickel	60-2	22304	22020	21576	21967	1.67	cps
Phosphorus	31-2	958	833	775	856	10.95	cps
Potassium	39-2	488254	496425	489490	491390	0.90	cps
Rhodium	103-1	6981236	7412330	8237206	7543591	8.46	cps
Rhodium	103-2	3625951	3424161	3476197	3508770	2.99	cps
Scandium	45-1	5557367	5937006	6533270	6009214	8.19	cps
Scandium	45-2	225794	212843	222213	220284	3.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	95	70	80	82	15.41	cps
Selenium	82-1	132	86	86	102	26.26	cps
Silicon	28-1	76413133	80074471	75931500	77473034	2.92	cps
Silver	107-1	467	292	375	378	23.17	cps
Silver	109-1	283	317	283	294	6.54	cps
Sodium	23-2	14087271	14177032	14240618	14168307	0.54	cps
Strontium	86-1	761288	762959	757629	760626	0.36	cps
Strontium	88-1	6535050	6599244	6543103	6559132	0.53	cps
Sulfur	34-1	1274952	1257222	1274650	1268942	0.80	cps
Terbium	159-1	8922515	9323261	10097880	9447886	6.32	cps
Terbium	159-2	4281533	4095087	4116620	4164413	2.45	cps
Thallium	203-1	975	1017	1225	1072	12.49	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-04	Instrumnet Name :	P8
Client Sample ID :	MW-11A-11-16-083022	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:31:00	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2767	2792	2417	2659	7.89	cps
Tin	118-1	1834	1892	1800	1842	2.52	cps
Titanium	47-1	2092	1892	1775	1920	8.34	cps
Uranium	238-1	267	300	267	278	6.93	cps
Vanadium	51-2	863	1037	833	911	12.05	cps
Ytterbium	172-1	658	717	633	669	6.39	cps
Ytterbium	172-2	261	256	194	237	15.61	cps
Ytterbium	176-1	1809	2417	2067	2097	14.56	cps
Ytterbium	176-2	8047	7919	8092	8019	1.12	cps
Yttrium	89-1	12621884	13588706	15358174	13856255	10.01	cps
Yttrium	89-2	1710361	1551817	1642665	1634948	4.87	cps
Zinc	66-2	5941	6161	5845	5982	2.71	cps
Zirconium	90-1	1467	1625	1600	1564	5.44	cps
Zirconium	91-1	342	275	417	344	20.58	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-06	Instrumnet Name :	P8
Client Sample ID :	MW-11B-35-40-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:34:07	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1536	1339	1511	1462	7.36	cps
Antimony	121-1	225	117	167	169	32.00	cps
Arsenic	75-2	566	506	532	535	5.63	cps
Barium	135-1	388226	355749	376673	373549	4.41	cps
Barium	137-1	664009	628040	626333	639461	3.33	cps
Beryllium	9-1	192	159	144	165	15.13	cps
Bismuth	209-1	5491019	5428946	5512440	5477468	0.79	cps
Bismuth	209-2	2868736	2745028	2760540	2791435	2.41	cps
Boron	10-1	30399	31620	31223	31081	2.00	cps
Boron	11-1	137377	141131	141290	139933	1.58	cps
Bromine	81-1	116197	122919	125072	121396	3.81	cps
Cadmium	111-1	3578	3655	3768	3667	2.61	cps
Cadmium	106-1	5034	5184	5343	5187	2.97	cps
Cadmium	108-1	13	29	25	22	39.04	cps
Calcium	43-1	2085283	2133845	2098621	2105916	1.19	cps
Calcium	44-1	32930223	32573800	32763208	32755744	0.54	cps
Carbon	12-1	7961466	8310288	8915275	8395676	5.75	cps
Carbon	12-2	104235	104839	106015	105030	0.86	cps
Chlorine	35-1	4647237	4917078	5173207	4912508	5.35	cps
Chlorine	35-2	44193	44318	44962	44491	0.93	cps
Chromium	52-2	1273	1320	1423	1339	5.73	cps
Cobalt	59-2	19824	19263	20001	19696	1.96	cps
Copper	63-2	2394	2417	2480	2430	1.85	cps
Dysprosium	156-1	233	133	142	169	32.75	cps
Dysprosium	156-2	67	77	60	68	12.38	cps
Erbium	164-1	175	192	167	178	7.16	cps
Erbium	164-2	80	97	110	96	15.73	cps
Gadolinium	160-1	217	333	267	272	21.50	cps
Gadolinium	160-2	177	187	173	179	3.88	cps
Gold	197-1	0	0	8	3	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9051901	9020500	8780385	8950929	1.66	cps
Holmium	165-2	4126797	4113683	4032648	4091043	1.25	cps
Indium	115-1	7300695	7257547	7535395	7364546	2.03	cps
Indium	115-2	1206195	1204895	1212296	1207795	0.33	cps
Iron	56-2	5488381	5301378	5420226	5403328	1.75	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-06	Instrumnet Name :	P8
Client Sample ID :	MW-11B-35-40-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:34:07	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	138513	134126	135024	135888	1.71	cps
Iron	54-2	297703	283633	293200	291512	2.46	cps
Krypton	83-1	366	354	344	355	3.18	cps
Lead	206-1	2072	2156	2139	2122	2.08	cps
Lead	207-1	1595	1689	1783	1689	5.59	cps
Lead	208-1	8285	8529	8474	8429	1.52	cps
Lithium	6-1	5168462	5214995	5021037	5134832	1.97	cps
Magnesium	24-2	4695502	4655539	4718446	4689829	0.68	cps
Manganese	55-2	2382642	2355453	2406973	2381689	1.08	cps
Molybdenum	94-1	933	1142	933	1003	12.00	cps
Molybdenum	95-1	1408	1567	1508	1495	5.36	cps
Molybdenum	96-1	1533	1600	1809	1647	8.71	cps
Molybdenum	97-1	858	708	783	783	9.58	cps
Molybdenum	98-1	1875	1867	2009	1917	4.15	cps
Neodymium	150-1	227	227	207	220	5.25	cps
Neodymium	150-2	60	37	47	48	24.50	cps
Nickel	60-2	1523	1383	1330	1412	7.07	cps
Phosphorus	31-2	942	1075	1033	1017	6.71	cps
Potassium	39-2	1051625	1025545	1051134	1042768	1.43	cps
Rhodium	103-1	7176116	7267052	7310645	7251271	0.95	cps
Rhodium	103-2	3305107	3413590	3325323	3348007	1.72	cps
Scandium	45-1	5920304	5888038	5783494	5863945	1.22	cps
Scandium	45-2	216013	213100	212026	213713	0.97	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	71	87	100	86	16.89	cps
Selenium	82-1	129	48	132	103	46.67	cps
Silicon	28-1	88347408	86933737	85727727	87002958	1.51	cps
Silver	107-1	37321	350	400	12690	168.09	cps
Silver	109-1	600	358	300	419	37.93	cps
Sodium	23-2	13951730	13422516	13594776	13656341	1.98	cps
Strontium	86-1	2056629	2085224	2037956	2059936	1.16	cps
Strontium	88-1	17586151	17046120	17961801	17531358	2.63	cps
Sulfur	34-1	1023111	1004908	993682	1007234	1.47	cps
Terbium	159-1	9372999	9464622	9088319	9308646	2.11	cps
Terbium	159-2	4008735	3969701	4001563	3993333	0.52	cps
Thallium	203-1	700	783	667	717	8.39	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-06	Instrumnet Name :	P8
Client Sample ID :	MW-11B-35-40-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:34:07	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1608	1467	1633	1570	5.73	cps
Tin	118-1	1425	1375	1583	1461	7.44	cps
Titanium	47-1	2950	3092	2809	2950	4.80	cps
Uranium	238-1	2875	2992	2700	2856	5.14	cps
Vanadium	51-2	330	350	273	318	12.51	cps
Ytterbium	172-1	217	133	117	156	34.44	cps
Ytterbium	172-2	67	39	33	46	38.58	cps
Ytterbium	176-1	1608	1500	1683	1597	5.77	cps
Ytterbium	176-2	7541	7313	8219	7691	6.13	cps
Yttrium	89-1	13419811	12883079	13154521	13152470	2.04	cps
Yttrium	89-2	1576630	1522820	1553737	1551062	1.74	cps
Zinc	66-2	2504	2514	2444	2487	1.52	cps
Zirconium	90-1	875	867	1117	953	14.90	cps
Zirconium	91-1	117	133	208	153	31.96	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-07	Instrumnet Name :	P8
Client Sample ID :	MW-11B-35-40-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:37:08	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	345	314	349	336	5.72	cps
Antimony	121-1	158	67	133	119	39.67	cps
Arsenic	75-2	537	524	552	538	2.61	cps
Barium	135-1	377385	379024	365091	373833	2.04	cps
Barium	137-1	657685	655158	649767	654203	0.62	cps
Beryllium	9-1	157	152	155	155	1.61	cps
Bismuth	209-1	5659123	5026561	5321880	5335855	5.93	cps
Bismuth	209-2	2679507	2542907	2784096	2668836	4.53	cps
Boron	10-1	28552	29638	30618	29603	3.49	cps
Boron	11-1	131669	139978	139711	137119	3.44	cps
Bromine	81-1	117592	117278	130638	121836	6.26	cps
Cadmium	111-1	3439	3084	3171	3231	5.73	cps
Cadmium	106-1	4859	4351	4518	4576	5.67	cps
Cadmium	108-1	29	17	29	25	28.86	cps
Calcium	43-1	2244366	2139655	2121987	2168669	3.05	cps
Calcium	44-1	34517478	33592593	33593101	33901057	1.57	cps
Carbon	12-1	8265542	8854577	9368224	8829448	6.25	cps
Carbon	12-2	109858	112554	109835	110749	1.41	cps
Chlorine	35-1	5049311	5410776	5642020	5367369	5.57	cps
Chlorine	35-2	48047	47094	49302	48148	2.30	cps
Chromium	52-2	1187	1247	1230	1221	2.54	cps
Cobalt	59-2	19917	20421	19337	19892	2.73	cps
Copper	63-2	2514	2447	2344	2435	3.52	cps
Dysprosium	156-1	50	58	25	44	39.03	cps
Dysprosium	156-2	17	17	17	17	0.00	cps
Erbium	164-1	58	58	58	58	0.01	cps
Erbium	164-2	17	27	33	26	32.81	cps
Gadolinium	160-1	217	100	150	156	37.63	cps
Gadolinium	160-2	123	140	53	106	43.57	cps
Gold	197-1	17	0	0	6	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9494763	8153009	8772245	8806672	7.63	cps
Holmium	165-2	4024483	4094768	4041754	4053668	0.90	cps
Indium	115-1	7791313	6682873	7263372	7245853	7.65	cps
Indium	115-2	1182097	1189276	1231165	1200846	2.21	cps
Iron	56-2	5242525	5171667	5175691	5196628	0.77	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-07	Instrumnet Name :	P8
Client Sample ID :	MW-11B-35-40-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:37:08	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	134788	130084	129407	131426	2.23	cps
Iron	54-2	286847	279536	273840	280074	2.33	cps
Krypton	83-1	341	331	336	336	1.49	cps
Lead	206-1	1167	1183	1006	1119	8.78	cps
Lead	207-1	839	756	883	826	7.85	cps
Lead	208-1	4234	4173	4273	4226	1.19	cps
Lithium	6-1	5240589	4725875	4889451	4951971	5.31	cps
Magnesium	24-2	4632520	4728085	4546568	4635724	1.96	cps
Manganese	55-2	2409169	2419485	2331581	2386745	2.01	cps
Molybdenum	94-1	933	883	917	911	2.79	cps
Molybdenum	95-1	1408	1567	1658	1545	8.19	cps
Molybdenum	96-1	1750	1292	1708	1583	16.01	cps
Molybdenum	97-1	550	683	675	636	11.74	cps
Molybdenum	98-1	1959	1817	1817	1864	4.39	cps
Neodymium	150-1	140	120	87	116	23.31	cps
Neodymium	150-2	27	27	20	24	15.75	cps
Nickel	60-2	1440	1307	1377	1375	4.85	cps
Phosphorus	31-2	842	750	700	764	9.41	cps
Potassium	39-2	1058030	1038474	1030777	1042427	1.35	cps
Rhodium	103-1	7588862	6675464	6890745	7051690	6.77	cps
Rhodium	103-2	3307645	3363339	3490497	3387160	2.77	cps
Scandium	45-1	6308041	5324292	5704843	5779059	8.58	cps
Scandium	45-2	208423	203364	218228	210005	3.60	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	94	75	93	87	12.24	cps
Selenium	82-1	86	122	79	96	24.41	cps
Silicon	28-1	86567600	88363789	88025167	87652185	1.09	cps
Silver	107-1	358	392	358	369	5.21	cps
Silver	109-1	292	317	300	303	4.20	cps
Sodium	23-2	13198997	13629201	13454790	13427663	1.61	cps
Strontium	86-1	2082514	2095524	2073640	2083893	0.53	cps
Strontium	88-1	17543026	17524932	17652646	17573535	0.39	cps
Sulfur	34-1	1016817	986342	988107	997089	1.72	cps
Terbium	159-1	9463117	8149891	8687084	8766697	7.53	cps
Terbium	159-2	3880630	4079795	4059995	4006807	2.74	cps
Thallium	203-1	525	700	625	617	14.24	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-07	Instrumnet Name :	P8
Client Sample ID :	MW-11B-35-40-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:37:08	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1525	1292	1550	1456	9.79	cps
Tin	118-1	1350	1167	1200	1239	7.88	cps
Titanium	47-1	1875	1800	2075	1917	7.42	cps
Uranium	238-1	2742	2825	2525	2698	5.74	cps
Vanadium	51-2	163	143	163	157	7.37	cps
Ytterbium	172-1	58	83	83	75	19.25	cps
Ytterbium	172-2	56	33	44	44	25.01	cps
Ytterbium	176-1	1825	1734	1617	1725	6.05	cps
Ytterbium	176-2	7147	7469	7669	7428	3.55	cps
Yttrium	89-1	14094369	11958034	12696800	12916401	8.40	cps
Yttrium	89-2	1531644	1549750	1624521	1568638	3.14	cps
Zinc	66-2	1773	1750	1880	1801	3.85	cps
Zirconium	90-1	808	833	858	833	3.00	cps
Zirconium	91-1	167	192	100	153	31.02	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-08	Instrumnet Name :	P8
Client Sample ID :	MW-12A-13-18-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:40:12	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39532	39132	38156	38940	1.82	cps
Antimony	121-1	167	117	192	158	24.12	cps
Arsenic	75-2	52	53	56	54	3.88	cps
Barium	135-1	293044	296574	296265	295294	0.66	cps
Barium	137-1	519040	507009	507969	511339	1.31	cps
Beryllium	9-1	11992	12429	11936	12119	2.23	cps
Bismuth	209-1	5337047	4256288	5359504	4984280	12.65	cps
Bismuth	209-2	2697188	2674164	2827401	2732918	3.02	cps
Boron	10-1	479677	515252	507998	500976	3.75	cps
Boron	11-1	2129980	2211830	2252957	2198256	2.85	cps
Bromine	81-1	163988	185443	183619	177683	6.69	cps
Cadmium	111-1	4320	3261	3826	3802	13.93	cps
Cadmium	106-1	5201	3709	4651	4520	16.69	cps
Cadmium	108-1	96	63	67	75	24.22	cps
Calcium	43-1	864200	875848	859270	866439	0.98	cps
Calcium	44-1	14183748	13964528	13318953	13822410	3.25	cps
Carbon	12-1	7367200	8049820	8551616	7989545	7.44	cps
Carbon	12-2	99462	100215	100375	100018	0.49	cps
Chlorine	35-1	10569642	11928147	12580539	11692776	8.77	cps
Chlorine	35-2	109428	113485	112864	111926	1.95	cps
Chromium	52-2	1343	1523	1610	1492	9.12	cps
Cobalt	59-2	308629	305650	307462	307247	0.49	cps
Copper	63-2	11141	11108	11318	11189	1.01	cps
Dysprosium	156-1	6168	6218	5952	6113	2.32	cps
Dysprosium	156-2	2407	2330	2590	2442	5.47	cps
Erbium	164-1	5393	6002	5760	5718	5.36	cps
Erbium	164-2	2064	2034	2087	2061	1.30	cps
Gadolinium	160-1	6010	6227	5560	5932	5.74	cps
Gadolinium	160-2	2514	2604	2820	2646	5.96	cps
Gold	197-1	8	0	25	11	114.58	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	8821806	7212895	9175368	8403356	12.45	cps
Holmium	165-2	4025333	3842907	4121330	3996523	3.54	cps
Indium	115-1	7389406	5959946	7341630	6896994	11.77	cps
Indium	115-2	1184439	1145511	1173178	1167709	1.72	cps
Iron	56-2	33390726	34000850	33109288	33500288	1.36	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-08	Instrumnet Name :	P8
Client Sample ID :	MW-12A-13-18-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:40:12	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	801867	815892	789810	802523	1.63	cps
Iron	54-2	1888136	1906811	1794295	1863081	3.24	cps
Krypton	83-1	387	329	312	343	11.51	cps
Lead	206-1	5062	5301	5485	5283	4.01	cps
Lead	207-1	4245	4079	4301	4208	2.75	cps
Lead	208-1	20068	20229	20312	20203	0.62	cps
Lithium	6-1	4852683	4174050	4937059	4654597	8.99	cps
Magnesium	24-2	4529548	4497681	4515064	4514098	0.35	cps
Manganese	55-2	3654790	3692976	3541055	3629607	2.18	cps
Molybdenum	94-1	375	458	492	442	13.61	cps
Molybdenum	95-1	750	583	558	631	16.52	cps
Molybdenum	96-1	1900	1834	1725	1820	4.86	cps
Molybdenum	97-1	117	150	167	144	17.63	cps
Molybdenum	98-1	367	358	292	339	12.13	cps
Neodymium	150-1	7609	7509	7436	7518	1.16	cps
Neodymium	150-2	2420	2210	2307	2312	4.55	cps
Nickel	60-2	106715	107735	104077	106176	1.78	cps
Phosphorus	31-2	442	467	492	467	5.36	cps
Potassium	39-2	634613	619874	632455	628981	1.27	cps
Rhodium	103-1	7135980	5723572	7138324	6665958	12.24	cps
Rhodium	103-2	3352767	3145569	3270504	3256280	3.20	cps
Scandium	45-1	5898578	4653784	5854608	5468990	12.92	cps
Scandium	45-2	213656	210843	211933	212144	0.67	cps
Selenium	77-2	17	13	10	13	25.01	cps
Selenium	78-2	85	77	88	83	6.82	cps
Selenium	82-1	77	194	201	157	44.05	cps
Silicon	28-1	83269827	83959469	83660125	83629807	0.41	cps
Silver	107-1	467	417	483	456	7.62	cps
Silver	109-1	425	367	350	381	10.35	cps
Sodium	23-2	67636714	67667008	67381937	67561886	0.23	cps
Strontium	86-1	918127	950548	889600	919425	3.32	cps
Strontium	88-1	7725553	8015611	7725356	7822174	2.14	cps
Sulfur	34-1	976957	1001455	973778	984063	1.54	cps
Terbium	159-1	9231184	6926167	9202281	8453211	15.65	cps
Terbium	159-2	3999811	3836176	3997037	3944342	2.38	cps
Thallium	203-1	3167	3367	2617	3050	12.74	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-08	Instrumnet Name :	P8
Client Sample ID :	MW-12A-13-18-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:40:12	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	7052	7010	6619	6894	3.47	cps
Tin	118-1	1550	1250	1400	1400	10.71	cps
Titanium	47-1	1984	1942	2017	1981	1.90	cps
Uranium	238-1	1692	1425	1567	1561	8.55	cps
Vanadium	51-2	170	167	227	188	17.96	cps
Ytterbium	172-1	1183	1617	1542	1447	16.00	cps
Ytterbium	172-2	578	717	772	689	14.54	cps
Ytterbium	176-1	2592	2150	2517	2420	9.77	cps
Ytterbium	176-2	8125	7558	7736	7806	3.71	cps
Yttrium	89-1	12916368	10619213	13028027	12187869	11.16	cps
Yttrium	89-2	1602808	1514976	1569922	1562569	2.84	cps
Zinc	66-2	73362	73550	72240	73051	0.97	cps
Zirconium	90-1	783	992	1125	967	17.81	cps
Zirconium	91-1	117	117	208	147	35.95	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-09	Instrumnet Name :	P8
Client Sample ID :	MW-12A-13-18-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:43:13	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38065	38080	37523	37889	0.84	cps
Antimony	121-1	175	142	175	164	11.74	cps
Arsenic	75-2	60	51	57	56	8.18	cps
Barium	135-1	288226	293409	288739	290124	0.98	cps
Barium	137-1	504131	506478	502652	504420	0.38	cps
Beryllium	9-1	12006	12275	12224	12168	1.17	cps
Bismuth	209-1	5058419	5346702	5356474	5253865	3.22	cps
Bismuth	209-2	2690116	2615780	2627391	2644429	1.51	cps
Boron	10-1	504863	520040	534691	519865	2.87	cps
Boron	11-1	2245724	2281721	2281529	2269658	0.91	cps
Bromine	81-1	178406	188611	201771	189596	6.18	cps
Cadmium	111-1	4191	3918	3965	4025	3.62	cps
Cadmium	106-1	5076	4759	4801	4879	3.53	cps
Cadmium	108-1	83	79	71	78	8.19	cps
Calcium	43-1	861987	855125	864254	860455	0.55	cps
Calcium	44-1	13540303	13368720	13834039	13581021	1.73	cps
Carbon	12-1	7834270	8275010	8604790	8238023	4.69	cps
Carbon	12-2	102557	101256	104907	102907	1.80	cps
Chlorine	35-1	12546586	13661109	14577211	13594969	7.48	cps
Chlorine	35-2	121247	123920	123374	122847	1.15	cps
Chromium	52-2	1533	1443	1443	1473	3.53	cps
Cobalt	59-2	311694	304167	300881	305580	1.81	cps
Copper	63-2	7109	7255	6925	7096	2.33	cps
Dysprosium	156-1	6152	6285	5726	6054	4.82	cps
Dysprosium	156-2	2350	2387	2330	2356	1.22	cps
Erbium	164-1	4701	5460	5168	5109	7.49	cps
Erbium	164-2	2010	2080	2170	2087	3.84	cps
Gadolinium	160-1	5793	5626	5668	5696	1.52	cps
Gadolinium	160-2	2684	2450	2694	2609	5.28	cps
Gold	197-1	8	0	17	8	100.02	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	8590969	9139211	9043309	8924496	3.28	cps
Holmium	165-2	4039962	3882270	3940641	3954291	2.02	cps
Indium	115-1	7321566	7417342	7324987	7354632	0.74	cps
Indium	115-2	1198344	1181472	1164818	1181545	1.42	cps
Iron	56-2	33160384	32824874	32656700	32880653	0.78	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-09	Instrumnet Name :	P8
Client Sample ID :	MW-12A-13-18-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:43:13	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	812182	784719	788668	795190	1.87	cps
Iron	54-2	1881491	1789812	1842765	1838023	2.50	cps
Krypton	83-1	347	347	332	342	2.53	cps
Lead	206-1	2917	3184	3112	3071	4.49	cps
Lead	207-1	2561	2456	2484	2500	2.19	cps
Lead	208-1	11658	12158	12136	11984	2.36	cps
Lithium	6-1	4884599	4962579	4889931	4912370	0.89	cps
Magnesium	24-2	4430242	4595455	4458897	4494865	1.96	cps
Manganese	55-2	3568908	3540581	3627917	3579135	1.24	cps
Molybdenum	94-1	342	408	542	431	23.65	cps
Molybdenum	95-1	583	558	692	611	11.60	cps
Molybdenum	96-1	1809	1809	1525	1714	9.55	cps
Molybdenum	97-1	117	142	192	150	25.46	cps
Molybdenum	98-1	325	250	267	281	14.04	cps
Neodymium	150-1	6902	7389	6942	7078	3.82	cps
Neodymium	150-2	2224	2380	2217	2274	4.07	cps
Nickel	60-2	106328	106265	105065	105886	0.67	cps
Phosphorus	31-2	475	450	417	447	6.54	cps
Potassium	39-2	639266	641768	624901	635312	1.43	cps
Rhodium	103-1	6901511	7147053	7127713	7058759	1.93	cps
Rhodium	103-2	3288287	3302132	3260108	3283509	0.65	cps
Scandium	45-1	5710906	5717432	5888165	5772168	1.74	cps
Scandium	45-2	212142	206352	204861	207785	1.85	cps
Selenium	77-2	17	20	13	17	20.01	cps
Selenium	78-2	100	90	95	95	5.26	cps
Selenium	82-1	121	165	177	155	19.11	cps
Silicon	28-1	81819079	84952487	84724629	83832065	2.08	cps
Silver	107-1	383	483	467	444	12.06	cps
Silver	109-1	342	392	375	369	6.89	cps
Sodium	23-2	68182297	66950822	65476395	66869838	2.03	cps
Strontium	86-1	918786	925909	902136	915610	1.33	cps
Strontium	88-1	7633781	8057553	7782286	7824540	2.75	cps
Sulfur	34-1	974413	972679	975925	974339	0.17	cps
Terbium	159-1	9012325	9363950	9259489	9211922	1.96	cps
Terbium	159-2	3927474	3976690	3944536	3949567	0.63	cps
Thallium	203-1	3000	2917	3075	2998	2.64	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-09	Instrumnet Name :	P8
Client Sample ID :	MW-12A-13-18-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:43:13	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	7102	7452	7352	7302	2.47	cps
Tin	118-1	1217	1250	1292	1253	3.00	cps
Titanium	47-1	1683	2067	1959	1903	10.39	cps
Uranium	238-1	1200	1233	1350	1261	6.25	cps
Vanadium	51-2	97	93	127	106	17.39	cps
Ytterbium	172-1	1567	1492	1533	1531	2.46	cps
Ytterbium	172-2	806	728	722	752	6.20	cps
Ytterbium	176-1	2250	2642	2100	2331	12.00	cps
Ytterbium	176-2	7969	7864	7575	7802	2.62	cps
Yttrium	89-1	12764431	13192941	13052105	13003159	1.68	cps
Yttrium	89-2	1546186	1562524	1504128	1537613	1.96	cps
Zinc	66-2	74294	72810	71751	72951	1.75	cps
Zirconium	90-1	533	733	658	642	15.75	cps
Zirconium	91-1	133	117	117	122	7.87	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-10	Instrumnet Name :	P8
Client Sample ID :	MW-14A-15-20-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:46:18	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2339	2249	2749	2445	10.90	cps
Antimony	121-1	233	317	242	264	17.39	cps
Arsenic	75-2	50	46	33	43	20.68	cps
Barium	135-1	105446	108125	108354	107308	1.51	cps
Barium	137-1	178717	177751	180900	179123	0.90	cps
Beryllium	9-1	175	191	181	182	4.49	cps
Bismuth	209-1	5569100	5670185	4887364	5375550	7.92	cps
Bismuth	209-2	2806323	2385531	2665695	2619183	8.18	cps
Boron	10-1	72516	71386	69600	71167	2.07	cps
Boron	11-1	337553	329437	329949	332313	1.37	cps
Bromine	81-1	100351	104951	107259	104187	3.38	cps
Cadmium	111-1	3810	3813	3246	3623	9.01	cps
Cadmium	106-1	5276	5326	4509	5037	9.09	cps
Cadmium	108-1	13	33	21	22	47.18	cps
Calcium	43-1	630821	623593	632571	628995	0.76	cps
Calcium	44-1	9874369	9928367	9969616	9924117	0.48	cps
Carbon	12-1	7693450	8457665	8763221	8304778	6.64	cps
Carbon	12-2	104856	105972	107424	106084	1.21	cps
Chlorine	35-1	9465099	10211718	10575042	10083953	5.61	cps
Chlorine	35-2	86365	89267	88336	87989	1.68	cps
Chromium	52-2	2660	2807	2834	2767	3.37	cps
Cobalt	59-2	753	763	657	724	8.13	cps
Copper	63-2	2864	2997	2894	2918	2.40	cps
Dysprosium	156-1	4718	4192	4284	4398	6.38	cps
Dysprosium	156-2	1820	1897	1987	1901	4.39	cps
Erbium	164-1	3417	3601	3901	3639	6.71	cps
Erbium	164-2	1423	1487	1367	1426	4.21	cps
Gadolinium	160-1	4784	5043	5201	5009	4.20	cps
Gadolinium	160-2	2294	2200	2170	2221	2.90	cps
Gold	197-1	25	17	8	17	50.01	cps
Gold	197-2	17	0	50	22	114.56	cps
Holmium	165-1	9140386	9176037	8369484	8895302	5.12	cps
Holmium	165-2	4003056	3399515	4023634	3808735	9.31	cps
Indium	115-1	7707660	7742217	6946809	7465562	6.02	cps
Indium	115-2	1198312	1039649	1190766	1142909	7.83	cps
Iron	56-2	81574	78783	80091	80149	1.74	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-10	Instrumnet Name :	P8
Client Sample ID :	MW-14A-15-20-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:46:18	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	3478	3167	3489	3378	5.42	cps
Iron	54-2	5012	5446	4795	5084	6.51	cps
Krypton	83-1	335	365	362	354	4.70	cps
Lead	206-1	1817	1806	1856	1826	1.44	cps
Lead	207-1	1539	1506	1628	1558	4.06	cps
Lead	208-1	7329	7229	7162	7240	1.16	cps
Lithium	6-1	5293538	5039369	4579504	4970804	7.28	cps
Magnesium	24-2	1245602	1229407	1205126	1226712	1.66	cps
Manganese	55-2	2214	2157	2337	2236	4.12	cps
Molybdenum	94-1	525	442	450	472	9.72	cps
Molybdenum	95-1	258	317	225	267	17.40	cps
Molybdenum	96-1	308	342	400	350	13.26	cps
Molybdenum	97-1	100	133	158	131	22.42	cps
Molybdenum	98-1	367	392	358	372	4.66	cps
Neodymium	150-1	6982	7269	7309	7187	2.48	cps
Neodymium	150-2	2184	2334	2100	2206	5.36	cps
Nickel	60-2	640	640	643	641	0.30	cps
Phosphorus	31-2	308	350	442	367	18.60	cps
Potassium	39-2	878843	903160	857992	879998	2.57	cps
Rhodium	103-1	7364132	7790485	6734170	7296263	7.28	cps
Rhodium	103-2	3277995	2895874	3168060	3113977	6.32	cps
Scandium	45-1	5912445	6008442	5417174	5779354	5.49	cps
Scandium	45-2	207586	184622	204445	198884	6.26	cps
Selenium	77-2	10	10	23	14	53.28	cps
Selenium	78-2	101	99	117	106	9.34	cps
Selenium	82-1	144	177	110	144	23.48	cps
Silicon	28-1	11997518	12046699	11806286	11950168	1.06	cps
Silver	107-1	600	575	392	522	21.78	cps
Silver	109-1	467	450	375	431	11.34	cps
Sodium	23-2	60743474	59885616	59302828	59977306	1.21	cps
Strontium	86-1	358776	362250	365803	362276	0.97	cps
Strontium	88-1	3084121	3142431	3045055	3090536	1.59	cps
Sulfur	34-1	979131	969394	945469	964665	1.80	cps
Terbium	159-1	9687923	9651658	8607971	9315851	6.58	cps
Terbium	159-2	4024483	3427938	3944701	3799041	8.52	cps
Thallium	203-1	483	600	808	631	26.11	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-10	Instrumnet Name :	P8
Client Sample ID :	MW-14A-15-20-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:46:18	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1475	1450	1467	1464	0.87	cps
Tin	118-1	1400	1367	1458	1408	3.29	cps
Titanium	47-1	1117	1608	1392	1372	17.96	cps
Uranium	238-1	433	425	358	406	10.14	cps
Vanadium	51-2	280	350	367	332	13.84	cps
Ytterbium	172-1	1175	1292	1100	1189	8.12	cps
Ytterbium	172-2	483	383	561	476	18.73	cps
Ytterbium	176-1	2284	2075	2017	2125	6.60	cps
Ytterbium	176-2	7486	7108	7758	7450	4.38	cps
Yttrium	89-1	14010506	13857664	12121451	13329874	7.87	cps
Yttrium	89-2	1574720	1361220	1568051	1501330	8.09	cps
Zinc	66-2	3540	3577	3547	3555	0.55	cps
Zirconium	90-1	1192	1150	925	1089	13.17	cps
Zirconium	91-1	200	167	150	172	14.79	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-11	Instrumnet Name :	P8
Client Sample ID :	MW-14A-15-20-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:49:22	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	281	337	309	309	9.10	cps
Antimony	121-1	208	242	183	211	13.86	cps
Arsenic	75-2	37	35	40	37	6.74	cps
Barium	135-1	110451	108359	108485	109098	1.07	cps
Barium	137-1	194702	187293	183443	188479	3.04	cps
Beryllium	9-1	152	169	167	163	5.55	cps
Bismuth	209-1	5136969	5414150	5162728	5237949	2.92	cps
Bismuth	209-2	2725356	2725158	2830831	2760448	2.21	cps
Boron	10-1	56098	57783	58223	57368	1.96	cps
Boron	11-1	266517	265998	262888	265134	0.74	cps
Bromine	81-1	98687	102318	103970	101659	2.66	cps
Cadmium	111-1	3920	3567	3528	3672	5.89	cps
Cadmium	106-1	5443	4884	4868	5065	6.46	cps
Cadmium	108-1	21	8	13	14	45.83	cps
Calcium	43-1	652633	653328	645351	650437	0.68	cps
Calcium	44-1	10375424	10459304	10634286	10489671	1.26	cps
Carbon	12-1	7675091	8301959	8593833	8190294	5.73	cps
Carbon	12-2	100435	99562	100224	100074	0.46	cps
Chlorine	35-1	9251222	9789352	10136758	9725777	4.59	cps
Chlorine	35-2	85595	83457	87581	85545	2.41	cps
Chromium	52-2	2337	2310	2274	2307	1.38	cps
Cobalt	59-2	577	703	633	638	9.95	cps
Copper	63-2	2784	2980	2837	2867	3.55	cps
Dysprosium	156-1	3292	2934	3301	3175	6.59	cps
Dysprosium	156-2	1520	1473	1377	1457	5.02	cps
Erbium	164-1	2942	3159	2725	2942	7.37	cps
Erbium	164-2	1147	1050	1160	1119	5.37	cps
Gadolinium	160-1	3851	3901	3692	3815	2.85	cps
Gadolinium	160-2	1723	1777	1707	1736	2.11	cps
Gold	197-1	8	33	8	17	86.62	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9140187	9214366	8892258	9082270	1.86	cps
Holmium	165-2	4012698	4219045	3991530	4074424	3.08	cps
Indium	115-1	7594094	7508485	7288212	7463597	2.11	cps
Indium	115-2	1197319	1236369	1218201	1217297	1.61	cps
Iron	56-2	14925	15153	15971	15349	3.58	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-11	Instrumnet Name :	P8
Client Sample ID :	MW-14A-15-20-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:49:22	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1750	1845	1761	1785	2.89	cps
Iron	54-2	1539	1700	1550	1596	5.64	cps
Krypton	83-1	361	371	355	362	2.26	cps
Lead	206-1	967	1039	1078	1028	5.49	cps
Lead	207-1	1022	783	900	902	13.25	cps
Lead	208-1	4223	4073	4184	4160	1.87	cps
Lithium	6-1	4842542	5162307	5047580	5017476	3.23	cps
Magnesium	24-2	1295867	1242510	1217846	1252074	3.19	cps
Manganese	55-2	1407	1410	1553	1457	5.75	cps
Molybdenum	94-1	242	183	192	206	15.35	cps
Molybdenum	95-1	192	192	242	208	13.86	cps
Molybdenum	96-1	283	342	325	317	9.49	cps
Molybdenum	97-1	108	125	133	122	10.41	cps
Molybdenum	98-1	375	233	325	311	23.09	cps
Neodymium	150-1	5708	6108	5695	5837	4.03	cps
Neodymium	150-2	1793	1833	1697	1775	3.96	cps
Nickel	60-2	560	440	543	514	12.64	cps
Phosphorus	31-2	392	342	358	364	7.00	cps
Potassium	39-2	931932	898257	900407	910198	2.07	cps
Rhodium	103-1	7097589	7510831	6923026	7177149	4.21	cps
Rhodium	103-2	3342283	3536302	3298736	3392440	3.73	cps
Scandium	45-1	5815184	6026786	5713952	5851974	2.73	cps
Scandium	45-2	212245	216354	214871	214490	0.97	cps
Selenium	77-2	13	3	17	11	62.48	cps
Selenium	78-2	109	96	123	109	12.35	cps
Selenium	82-1	152	134	151	146	7.19	cps
Silicon	28-1	12326867	11969258	12341646	12212590	1.73	cps
Silver	107-1	400	375	358	378	5.55	cps
Silver	109-1	267	342	325	311	12.66	cps
Sodium	23-2	62287058	61396426	59405112	61029532	2.42	cps
Strontium	86-1	375626	379250	371686	375520	1.01	cps
Strontium	88-1	3245708	3224145	3213726	3227859	0.51	cps
Sulfur	34-1	990140	976831	973666	980212	0.89	cps
Terbium	159-1	9298565	9456118	8710982	9155221	4.29	cps
Terbium	159-2	4001527	4114248	3976307	4030694	1.82	cps
Thallium	203-1	600	675	467	581	18.18	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-11	Instrumnet Name :	P8
Client Sample ID :	MW-14A-15-20-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:49:22	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1433	1275	1192	1300	9.44	cps
Tin	118-1	1550	1383	1358	1431	7.28	cps
Titanium	47-1	758	842	983	861	13.21	cps
Uranium	238-1	233	242	175	217	16.77	cps
Vanadium	51-2	207	140	167	171	19.61	cps
Ytterbium	172-1	775	1033	783	864	16.99	cps
Ytterbium	172-2	372	389	394	385	3.00	cps
Ytterbium	176-1	2250	2292	2042	2195	6.10	cps
Ytterbium	176-2	7608	7747	7841	7732	1.52	cps
Yttrium	89-1	13223763	13374105	13185293	13261054	0.75	cps
Yttrium	89-2	1589538	1650154	1637924	1625872	1.97	cps
Zinc	66-2	3697	3694	3520	3637	2.78	cps
Zirconium	90-1	700	625	650	658	5.80	cps
Zirconium	91-1	108	100	142	117	18.90	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-13	Instrumnet Name :	P8
Client Sample ID :	MW-12B-45-50-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:52:29	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13003	12787	12943	12911	0.87	cps
Antimony	121-1	325	300	300	308	4.68	cps
Arsenic	75-2	73	62	54	63	15.14	cps
Barium	135-1	697983	688678	694695	693785	0.68	cps
Barium	137-1	1162353	1195536	1182712	1180200	1.42	cps
Beryllium	9-1	5495	5362	5303	5387	1.83	cps
Bismuth	209-1	4767595	4965523	5396560	5043226	6.38	cps
Bismuth	209-2	2516297	2710769	2452944	2560003	5.25	cps
Boron	10-1	273096	292171	294875	286714	4.14	cps
Boron	11-1	1209712	1309127	1268806	1262548	3.96	cps
Bromine	81-1	178199	199734	203347	193760	7.02	cps
Cadmium	111-1	3298	3175	3219	3231	1.93	cps
Cadmium	106-1	4693	4501	4534	4576	2.24	cps
Cadmium	108-1	29	25	13	22	39.04	cps
Calcium	43-1	2330522	2374126	2388819	2364489	1.28	cps
Calcium	44-1	38460494	38083073	36560956	37701508	2.67	cps
Carbon	12-1	7763543	8361615	8619993	8248384	5.33	cps
Carbon	12-2	105058	104513	103304	104292	0.86	cps
Chlorine	35-1	14134898	15371226	16559556	15355227	7.90	cps
Chlorine	35-2	141766	144240	148582	144863	2.38	cps
Chromium	52-2	2027	2097	2120	2081	2.33	cps
Cobalt	59-2	112824	111961	110446	111744	1.08	cps
Copper	63-2	27437	27193	27530	27387	0.64	cps
Dysprosium	156-1	583	492	458	511	12.67	cps
Dysprosium	156-2	230	160	177	189	19.36	cps
Erbium	164-1	392	542	358	431	22.68	cps
Erbium	164-2	167	177	217	187	14.17	cps
Gadolinium	160-1	475	550	425	483	13.02	cps
Gadolinium	160-2	300	257	277	278	7.81	cps
Gold	197-1	8	17	0	8	100.02	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8461044	8492788	8896762	8616865	2.82	cps
Holmium	165-2	3932550	3995778	3783244	3903858	2.80	cps
Indium	115-1	6730932	7431510	7382616	7181686	5.45	cps
Indium	115-2	1174931	1182446	1088972	1148783	4.52	cps
Iron	56-2	172895865	170449143	170060348	171135119	0.90	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-13	Instrumnet Name :	P8
Client Sample ID :	MW-12B-45-50-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:52:29	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4377272	4279628	4210511	4289137	1.95	cps
Iron	54-2	9726885	9375342	9600648	9567625	1.86	cps
Krypton	83-1	381	352	369	367	3.92	cps
Lead	206-1	21691	21924	22414	22010	1.68	cps
Lead	207-1	17256	18558	18369	18061	3.89	cps
Lead	208-1	82700	85021	85918	84546	1.96	cps
Lithium	6-1	4747566	4958510	5188307	4964794	4.44	cps
Magnesium	24-2	7237372	7055466	6947261	7080033	2.07	cps
Manganese	55-2	7968878	7666917	7633233	7756343	2.38	cps
Molybdenum	94-1	1425	1017	1142	1195	17.52	cps
Molybdenum	95-1	1667	1667	1567	1633	3.53	cps
Molybdenum	96-1	8828	8520	9070	8806	3.13	cps
Molybdenum	97-1	567	592	567	575	2.51	cps
Molybdenum	98-1	983	1092	1000	1025	5.69	cps
Neodymium	150-1	580	613	620	604	3.55	cps
Neodymium	150-2	160	127	187	158	19.05	cps
Nickel	60-2	35869	35531	35825	35742	0.51	cps
Phosphorus	31-2	1167	1292	1175	1211	5.77	cps
Potassium	39-2	941890	941715	935993	939866	0.36	cps
Rhodium	103-1	6584100	6885919	7038163	6836060	3.38	cps
Rhodium	103-2	3234851	3402125	3095686	3244221	4.73	cps
Scandium	45-1	5326987	5699791	5925553	5650777	5.35	cps
Scandium	45-2	206072	215401	195082	205518	4.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	84	78	71	78	8.38	cps
Selenium	82-1	81	162	172	139	36.07	cps
Silicon	28-1	90892385	90375581	91287258	90851742	0.50	cps
Silver	107-1	433	433	350	406	11.86	cps
Silver	109-1	333	442	383	386	14.04	cps
Sodium	23-2	33767035	32624835	32107757	32833209	2.59	cps
Strontium	86-1	2738923	2699832	2750879	2729878	0.98	cps
Strontium	88-1	22714497	22789703	23312313	22938838	1.42	cps
Sulfur	34-1	742260	738034	738081	739458	0.33	cps
Terbium	159-1	8109365	8987121	9187449	8761312	6.54	cps
Terbium	159-2	3865484	3948223	3693290	3835665	3.39	cps
Thallium	203-1	742	875	767	794	8.92	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-13	Instrumnet Name :	P8
Client Sample ID :	MW-12B-45-50-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 14:52:29	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1917	1817	1900	1878	2.85	cps
Tin	118-1	2500	2634	2525	2553	2.78	cps
Titanium	47-1	7277	8011	7027	7438	6.87	cps
Uranium	238-1	550	650	650	617	9.36	cps
Vanadium	51-2	1793	1760	1843	1799	2.33	cps
Ytterbium	172-1	392	242	175	269	41.18	cps
Ytterbium	172-2	89	61	106	85	26.36	cps
Ytterbium	176-1	1725	1658	1792	1725	3.86	cps
Ytterbium	176-2	6952	7536	6835	7108	5.28	cps
Yttrium	89-1	12019002	12666390	13699838	12795077	6.63	cps
Yttrium	89-2	1516631	1508775	1395623	1473677	4.59	cps
Zinc	66-2	5338	4894	5071	5101	4.38	cps
Zirconium	90-1	917	942	875	911	3.70	cps
Zirconium	91-1	158	192	233	194	19.32	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:04:02	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3390898	3171210	3145052	3235720	4.17	cps
Antimony	121-1	2504346	2551661	2690504	2582170	3.75	cps
Arsenic	75-2	86950	84450	83869	85090	1.92	cps
Barium	135-1	3499980	3576427	3555170	3543859	1.11	cps
Barium	137-1	5809584	6108007	6137133	6018241	3.01	cps
Beryllium	9-1	1218848	1223349	1222987	1221728	0.20	cps
Bismuth	209-1	5182879	5199746	5303352	5228659	1.25	cps
Bismuth	209-2	2512599	2615918	2771263	2633260	4.94	cps
Boron	10-1	331163	335949	340095	335736	1.33	cps
Boron	11-1	1360065	1368958	1403984	1377669	1.69	cps
Bromine	81-1	63933	61610	62484	62676	1.87	cps
Cadmium	111-1	732177	749278	741230	740895	1.15	cps
Cadmium	106-1	91496	90548	94072	92039	1.98	cps
Cadmium	108-1	58913	60324	61637	60291	2.26	cps
Calcium	43-1	5956111	5927340	5752227	5878559	1.88	cps
Calcium	44-1	91381727	94607219	94354888	93447945	1.92	cps
Carbon	12-1	5414770	5551173	5667542	5544495	2.28	cps
Carbon	12-2	68778	67472	66986	67746	1.37	cps
Chlorine	35-1	1353616	1346109	1342941	1347556	0.41	cps
Chlorine	35-2	10229	10337	9528	10031	4.38	cps
Chromium	52-2	935142	909802	890250	911731	2.47	cps
Cobalt	59-2	1673903	1626545	1650932	1650460	1.43	cps
Copper	63-2	12572634	11790159	11808334	12057042	3.70	cps
Dysprosium	156-1	567	533	442	514	12.60	cps
Dysprosium	156-2	177	167	133	159	14.28	cps
Erbium	164-1	92	75	100	89	14.32	cps
Erbium	164-2	17	37	27	27	37.50	cps
Gadolinium	160-1	417	292	467	392	23.01	cps
Gadolinium	160-2	210	203	253	222	12.22	cps
Gold	197-1	25	17	75	39	81.12	cps
Gold	197-2	67	61	67	65	4.95	cps
Holmium	165-1	9065249	9432830	9602168	9366749	2.93	cps
Holmium	165-2	3799518	3978064	4241211	4006264	5.55	cps
Indium	115-1	7118742	7373573	7500435	7330917	2.65	cps
Indium	115-2	1112160	1147119	1235066	1164782	5.44	cps
Iron	56-2	199459532	190699199	191492065	193883599	2.50	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:04:02	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4958065	4818482	4901188	4892578	1.43	cps
Iron	54-2	11212455	10538039	10792160	10847551	3.14	cps
Krypton	83-1	425	372	386	395	6.90	cps
Lead	206-1	11252674	11817560	11331643	11467292	2.67	cps
Lead	207-1	9969325	10124585	10003886	10032599	0.81	cps
Lead	208-1	45138051	46582594	45731945	45817530	1.58	cps
Lithium	6-1	5074175	5196601	5170643	5147140	1.25	cps
Magnesium	24-2	43107072	42153057	41440644	42233591	1.98	cps
Manganese	55-2	5289567	5043296	4963354	5098739	3.33	cps
Molybdenum	94-1	11322635	11291810	11443626	11352690	0.71	cps
Molybdenum	95-1	16594889	16020127	16059211	16224742	1.98	cps
Molybdenum	96-1	17206625	17748895	18019634	17658385	2.34	cps
Molybdenum	97-1	9850000	9954918	10098745	9967888	1.25	cps
Molybdenum	98-1	25901169	25856448	25950242	25902620	0.18	cps
Neodymium	150-1	327	393	340	353	9.98	cps
Neodymium	150-2	33	17	30	27	33.06	cps
Nickel	60-2	428197	415265	418422	420628	1.60	cps
Phosphorus	31-2	42003	39128	38736	39956	4.46	cps
Potassium	39-2	16122617	14996696	15100941	15406751	4.04	cps
Rhodium	103-1	7024145	7128278	7083828	7078750	0.74	cps
Rhodium	103-2	3077956	3110213	3385305	3191158	5.29	cps
Scandium	45-1	5757628	5926592	6164073	5949431	3.43	cps
Scandium	45-2	205370	210329	219067	211588	3.28	cps
Selenium	77-2	2220	2100	2067	2129	3.79	cps
Selenium	78-2	7525	7270	7115	7303	2.84	cps
Selenium	82-1	65696	66181	66131	66003	0.40	cps
Silicon	28-1	19213406	18991877	19248188	19151157	0.73	cps
Silver	107-1	3664144	3587190	3666538	3639291	1.24	cps
Silver	109-1	3373445	3625780	3407177	3468800	3.95	cps
Sodium	23-2	82455719	82229129	78576218	81087022	2.69	cps
Strontium	86-1	26117728	27223087	26242785	26527867	2.28	cps
Strontium	88-1	226601247	229060605	229257272	228306375	0.65	cps
Sulfur	34-1	913595	913385	913240	913406	0.02	cps
Terbium	159-1	9114574	9522664	9617678	9418305	2.84	cps
Terbium	159-2	3867673	3991125	4170107	4009635	3.79	cps
Thallium	203-1	2736684	2668886	2720822	2708797	1.31	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:04:02	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	6174143	6418537	6396313	6329664	2.14	cps
Tin	118-1	2440642	2586847	2552223	2526571	3.02	cps
Titanium	47-1	5388984	5214667	5342019	5315223	1.70	cps
Uranium	238-1	8993991	8967072	9257686	9072916	1.77	cps
Vanadium	51-2	773682	761337	733694	756238	2.71	cps
Ytterbium	172-1	133	142	117	131	9.75	cps
Ytterbium	172-2	50	56	72	59	19.51	cps
Ytterbium	176-1	8219	7728	8236	8061	3.58	cps
Ytterbium	176-2	10265	10288	11060	10538	4.30	cps
Yttrium	89-1	12961647	13135755	13850016	13315806	3.54	cps
Yttrium	89-2	1542830	1514384	1648884	1568700	4.52	cps
Zinc	66-2	1325164	1308754	1294349	1309422	1.18	cps
Zirconium	90-1	5960060	5774032	5785340	5839811	1.79	cps
Zirconium	91-1	1286067	1261335	1315245	1287549	2.10	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:07:00	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	126	177	156	153	16.79	cps
Antimony	121-1	792	1417	1658	1289	34.70	cps
Arsenic	75-2	14	10	8	11	28.64	cps
Barium	135-1	25	42	50	39	32.73	cps
Barium	137-1	50	75	42	56	31.22	cps
Beryllium	9-1	234	214	216	221	4.92	cps
Bismuth	209-1	5789172	5860256	5871866	5840431	0.77	cps
Bismuth	209-2	2939934	2852395	2813111	2868480	2.26	cps
Boron	10-1	26426	24516	22675	24539	7.64	cps
Boron	11-1	115050	108345	101185	108193	6.41	cps
Bromine	81-1	63100	62677	61066	62281	1.72	cps
Cadmium	111-1	3529	3750	3186	3488	8.14	cps
Cadmium	106-1	4943	5293	4451	4895	8.64	cps
Cadmium	108-1	38	38	42	39	6.19	cps
Calcium	43-1	322	351	277	317	11.72	cps
Calcium	44-1	12469	12936	12351	12585	2.46	cps
Carbon	12-1	3930394	3898345	3837330	3888689	1.22	cps
Carbon	12-2	43005	44284	41384	42891	3.39	cps
Chlorine	35-1	1027999	1016542	1007373	1017305	1.02	cps
Chlorine	35-2	7427	7327	7452	7402	0.89	cps
Chromium	52-2	673	647	677	666	2.47	cps
Cobalt	59-2	57	73	87	72	20.81	cps
Copper	63-2	1803	1660	1603	1689	6.10	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	117	75	50	81	41.81	cps
Gadolinium	160-2	100	100	93	98	3.94	cps
Gold	197-1	0	8	8	6	86.60	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	9121177	9326781	8943645	9130534	2.10	cps
Holmium	165-2	4059154	4026016	3893316	3992829	2.20	cps
Indium	115-1	7538389	7582852	7656984	7592742	0.79	cps
Indium	115-2	1217753	1186104	1192370	1198742	1.40	cps
Iron	56-2	5112	5679	5396	5396	5.25	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:07:00	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	244	228	239	237	3.58	cps
Iron	54-2	1072	911	894	959	10.24	cps
Krypton	83-1	334	326	341	334	2.25	cps
Lead	206-1	911	1006	861	926	7.92	cps
Lead	207-1	839	861	878	859	2.27	cps
Lead	208-1	3634	3889	3606	3710	4.21	cps
Lithium	6-1	5432679	5395390	5389453	5405841	0.43	cps
Magnesium	24-2	417	608	483	503	19.35	cps
Manganese	55-2	157	137	137	143	8.06	cps
Molybdenum	94-1	2275	1859	1608	1914	17.60	cps
Molybdenum	95-1	3451	3184	2850	3162	9.51	cps
Molybdenum	96-1	3892	3317	3067	3426	12.35	cps
Molybdenum	97-1	2192	2000	1517	1903	18.28	cps
Molybdenum	98-1	5576	4476	4501	4851	12.95	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	73	90	60	74	20.19	cps
Phosphorus	31-2	267	300	300	289	6.66	cps
Potassium	39-2	25273	24513	26108	25298	3.15	cps
Rhodium	103-1	7414384	7650359	7613731	7559491	1.68	cps
Rhodium	103-2	3505742	3373123	3433245	3437370	1.93	cps
Scandium	45-1	5781052	5904922	6032792	5906255	2.13	cps
Scandium	45-2	206191	203940	204426	204852	0.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	88	81	81	83	4.85	cps
Selenium	82-1	15	55	44	38	54.40	cps
Silicon	28-1	810866	797983	794800	801216	1.06	cps
Silver	107-1	3334	1775	1283	2131	50.24	cps
Silver	109-1	2534	1525	1158	1739	40.95	cps
Sodium	23-2	50104	50681	50003	50262	0.73	cps
Strontium	86-1	725	967	692	795	18.89	cps
Strontium	88-1	1375	1934	1200	1503	25.50	cps
Sulfur	34-1	351866	352873	357317	354019	0.82	cps
Terbium	159-1	9399599	9272780	9234466	9302282	0.93	cps
Terbium	159-2	4065397	3977019	3822928	3955114	3.10	cps
Thallium	203-1	900	858	867	875	2.52	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:07:00	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2475	2042	2300	2272	9.59	cps
Tin	118-1	1483	1558	1217	1420	12.65	cps
Titanium	47-1	425	367	417	403	7.83	cps
Uranium	238-1	67	67	50	61	15.75	cps
Vanadium	51-2	17	13	3	11	62.48	cps
Ytterbium	172-1	58	108	83	83	30.00	cps
Ytterbium	172-2	28	11	22	20	41.67	cps
Ytterbium	176-1	1467	1617	1700	1595	7.42	cps
Ytterbium	176-2	7363	7680	7408	7484	2.29	cps
Yttrium	89-1	13434071	13558920	13250654	13414548	1.16	cps
Yttrium	89-2	1543618	1501717	1503315	1516217	1.57	cps
Zinc	66-2	260	227	187	224	16.36	cps
Zirconium	90-1	542	692	617	617	12.16	cps
Zirconium	91-1	100	100	192	131	40.54	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-14	Instrumnet Name :	P8
Client Sample ID :	MW-12B-45-50-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:10:08	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	642	650	615	636	2.90	cps
Antimony	121-1	383	492	517	464	15.28	cps
Arsenic	75-2	34	29	36	33	10.93	cps
Barium	135-1	673958	682081	674665	676901	0.66	cps
Barium	137-1	1197116	1184225	1197576	1192972	0.64	cps
Beryllium	9-1	4710	4649	4570	4643	1.51	cps
Bismuth	209-1	5008287	5400957	5156161	5188469	3.82	cps
Bismuth	209-2	2613710	2801816	2707221	2707582	3.47	cps
Boron	10-1	285611	298416	299187	294405	2.59	cps
Boron	11-1	1273681	1334619	1333112	1313804	2.65	cps
Bromine	81-1	173078	192806	200592	188825	7.51	cps
Cadmium	111-1	2994	3459	3336	3263	7.38	cps
Cadmium	106-1	4201	4876	4709	4595	7.65	cps
Cadmium	108-1	13	13	21	15	31.48	cps
Calcium	43-1	2348707	2380579	2435998	2388428	1.85	cps
Calcium	44-1	37210240	38126649	37541531	37626140	1.23	cps
Carbon	12-1	7329302	8109982	8440908	7960064	7.17	cps
Carbon	12-2	105503	104428	105117	105016	0.52	cps
Chlorine	35-1	10071148	11489234	12525076	11361819	10.84	cps
Chlorine	35-2	112336	115249	121112	116232	3.85	cps
Chromium	52-2	1317	1400	1320	1346	3.51	cps
Cobalt	59-2	109424	105505	107859	107596	1.83	cps
Copper	63-2	10934	10731	10170	10612	3.73	cps
Dysprosium	156-1	75	58	83	72	17.62	cps
Dysprosium	156-2	13	17	27	19	36.75	cps
Erbium	164-1	75	92	58	75	22.22	cps
Erbium	164-2	30	43	37	37	18.18	cps
Gadolinium	160-1	92	142	100	111	24.11	cps
Gadolinium	160-2	90	167	123	127	30.35	cps
Gold	197-1	0	17	0	6	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8837650	9633297	8663917	9044955	5.71	cps
Holmium	165-2	4131951	4169412	4244868	4182077	1.38	cps
Indium	115-1	6905783	7674073	7272492	7284116	5.28	cps
Indium	115-2	1199711	1203035	1238371	1213706	1.77	cps
Iron	56-2	170883532	165738109	162529020	166383554	2.53	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-14	Instrumnet Name :	P8
Client Sample ID :	MW-12B-45-50-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:10:08	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4285821	4205554	4181870	4224415	1.29	cps
Iron	54-2	9291446	9347712	8848867	9162675	2.98	cps
Krypton	83-1	361	346	324	344	5.49	cps
Lead	206-1	1967	2000	1817	1928	5.07	cps
Lead	207-1	1650	1717	1500	1622	6.84	cps
Lead	208-1	7768	7840	7129	7579	5.17	cps
Lithium	6-1	4810866	5228778	4996258	5011967	4.18	cps
Magnesium	24-2	6931810	7007193	6929312	6956105	0.64	cps
Manganese	55-2	7709858	7639237	7477031	7608709	1.57	cps
Molybdenum	94-1	1500	1400	1508	1470	4.10	cps
Molybdenum	95-1	2117	2450	2309	2292	7.30	cps
Molybdenum	96-1	8545	9353	8795	8898	4.65	cps
Molybdenum	97-1	1017	1158	942	1039	10.59	cps
Molybdenum	98-1	2234	2275	2167	2225	2.46	cps
Neodymium	150-1	107	100	127	111	12.49	cps
Neodymium	150-2	40	30	10	27	57.28	cps
Nickel	60-2	34562	34225	33994	34260	0.83	cps
Phosphorus	31-2	883	983	842	903	8.06	cps
Potassium	39-2	910362	894448	900667	901826	0.89	cps
Rhodium	103-1	6544134	7456711	7044872	7015239	6.51	cps
Rhodium	103-2	3296898	3327056	3357143	3327032	0.91	cps
Scandium	45-1	5421960	6167708	5798777	5796148	6.43	cps
Scandium	45-2	205299	210717	211710	209242	1.65	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	84	76	67	76	11.24	cps
Selenium	82-1	177	167	266	204	26.68	cps
Silicon	28-1	89185298	90996842	88625512	89602551	1.38	cps
Silver	107-1	317	417	325	353	15.73	cps
Silver	109-1	52293	258	183	17578	171.03	cps
Sodium	23-2	32946923	32738644	31217142	32300903	2.92	cps
Strontium	86-1	2720964	2749342	2644205	2704837	2.01	cps
Strontium	88-1	23175264	22474007	22380641	22676637	1.92	cps
Sulfur	34-1	719812	730386	730134	726777	0.83	cps
Terbium	159-1	8925235	9329952	9245563	9166917	2.33	cps
Terbium	159-2	4006764	4111675	3954080	4024173	1.99	cps
Thallium	203-1	925	975	950	950	2.63	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-14	Instrumnet Name :	P8
Client Sample ID :	MW-12B-45-50-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:10:08	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2492	2534	2417	2481	2.38	cps
Tin	118-1	1500	1500	1633	1545	4.98	cps
Titanium	47-1	2150	1742	2009	1967	10.54	cps
Uranium	238-1	150	125	158	144	12.01	cps
Vanadium	51-2	93	83	130	102	24.04	cps
Ytterbium	172-1	108	92	92	97	9.90	cps
Ytterbium	172-2	78	17	17	37	95.25	cps
Ytterbium	176-1	1525	1725	1642	1631	6.16	cps
Ytterbium	176-2	7613	7536	7408	7519	1.38	cps
Yttrium	89-1	12132569	13379631	12301447	12604549	5.37	cps
Yttrium	89-2	1564342	1604444	1602943	1590576	1.43	cps
Zinc	66-2	2710	2310	2607	2542	8.17	cps
Zirconium	90-1	642	700	1008	783	25.15	cps
Zirconium	91-1	83	92	192	122	49.32	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-15	Instrumnet Name :	P8
Client Sample ID :	MW-06-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:13:11	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24242	23611	23252	23702	2.11	cps
Antimony	121-1	717	817	742	758	6.86	cps
Arsenic	75-2	233	203	220	219	6.88	cps
Barium	135-1	113168	113611	111210	112663	1.13	cps
Barium	137-1	197966	198715	195814	197498	0.76	cps
Beryllium	9-1	612	640	641	631	2.57	cps
Bismuth	209-1	5892036	5372638	5530577	5598417	4.76	cps
Bismuth	209-2	2941708	2819931	2722655	2828098	3.88	cps
Boron	10-1	46498	47190	44552	46080	2.97	cps
Boron	11-1	212902	213808	206357	211022	1.93	cps
Bromine	81-1	94202	97348	95713	95754	1.64	cps
Cadmium	111-1	3858	3492	3174	3508	9.76	cps
Cadmium	106-1	5268	4726	4426	4807	8.88	cps
Cadmium	108-1	42	17	46	35	45.42	cps
Calcium	43-1	106880	107561	106391	106944	0.55	cps
Calcium	44-1	1792852	1782288	1739067	1771402	1.61	cps
Carbon	12-1	7539281	7996915	8342671	7959622	5.06	cps
Carbon	12-2	100191	101869	100535	100865	0.88	cps
Chlorine	35-1	4278193	4265186	4136685	4226688	1.85	cps
Chlorine	35-2	31610	29748	29372	30243	3.96	cps
Chromium	52-2	3560	3697	3490	3583	2.93	cps
Cobalt	59-2	97032	93482	94364	94959	1.95	cps
Copper	63-2	10464	10040	9700	10068	3.80	cps
Dysprosium	156-1	2200	2284	1859	2114	10.65	cps
Dysprosium	156-2	880	820	897	866	4.66	cps
Erbium	164-1	1959	1934	2042	1978	2.87	cps
Erbium	164-2	817	797	760	791	3.63	cps
Gadolinium	160-1	2075	2067	2375	2172	8.09	cps
Gadolinium	160-2	1070	1033	1070	1058	2.00	cps
Gold	197-1	8	0	8	6	86.60	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9840005	8810338	8830650	9160331	6.43	cps
Holmium	165-2	4171794	3987392	3990218	4049802	2.61	cps
Indium	115-1	8268828	7409364	7188143	7622112	7.49	cps
Indium	115-2	1202466	1215730	1184250	1200816	1.32	cps
Iron	56-2	1120392	1104849	1086173	1103805	1.55	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-15	Instrumnet Name :	P8
Client Sample ID :	MW-06-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:13:11	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	27878	27610	27416	27634	0.84	cps
Iron	54-2	65415	60986	61120	62507	4.03	cps
Krypton	83-1	326	384	355	355	8.10	cps
Lead	206-1	4028	4095	4156	4093	1.56	cps
Lead	207-1	3634	3250	3434	3439	5.58	cps
Lead	208-1	16049	15715	16221	15995	1.61	cps
Lithium	6-1	5504399	5226639	5092548	5274529	3.98	cps
Magnesium	24-2	375106	369069	352145	365440	3.26	cps
Manganese	55-2	468401	466582	462492	465825	0.65	cps
Molybdenum	94-1	1558	1683	1909	1717	10.33	cps
Molybdenum	95-1	1017	817	1042	958	12.87	cps
Molybdenum	96-1	1192	1200	1250	1214	2.60	cps
Molybdenum	97-1	592	575	700	622	10.91	cps
Molybdenum	98-1	1658	1358	1475	1497	10.10	cps
Neodymium	150-1	2680	2814	3087	2860	7.25	cps
Neodymium	150-2	847	1020	920	929	9.37	cps
Nickel	60-2	7569	7415	7389	7458	1.30	cps
Phosphorus	31-2	483	408	433	442	8.65	cps
Potassium	39-2	295720	285892	280546	287386	2.68	cps
Rhodium	103-1	8178499	7172642	7300907	7550683	7.25	cps
Rhodium	103-2	3486069	3479173	3390206	3451816	1.55	cps
Scandium	45-1	6514674	5802118	5616846	5977879	7.93	cps
Scandium	45-2	207793	216153	207440	210462	2.34	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	97	84	88	90	7.42	cps
Selenium	82-1	21	57	87	55	59.86	cps
Silicon	28-1	49927558	49340956	49946182	49738232	0.69	cps
Silver	107-1	250	333	408	331	23.96	cps
Silver	109-1	242	225	242	236	4.07	cps
Sodium	23-2	5274245	5223925	4878727	5125633	4.20	cps
Strontium	86-1	112646	113706	112527	112960	0.57	cps
Strontium	88-1	959216	937035	962546	952932	1.46	cps
Sulfur	34-1	616467	618818	606610	613965	1.06	cps
Terbium	159-1	10042721	9116660	8870892	9343424	6.61	cps
Terbium	159-2	4055214	4050962	3959591	4021922	1.34	cps
Thallium	203-1	2017	1975	1934	1975	2.11	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-15	Instrumnet Name :	P8
Client Sample ID :	MW-06-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:13:11	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	4493	5176	4626	4765	7.60	cps
Tin	118-1	3009	2734	3050	2931	5.87	cps
Titanium	47-1	4618	5268	5952	5279	12.64	cps
Uranium	238-1	1809	1825	1475	1703	11.60	cps
Vanadium	51-2	2224	2360	2400	2328	3.98	cps
Ytterbium	172-1	825	842	817	828	1.54	cps
Ytterbium	172-2	383	367	344	365	5.35	cps
Ytterbium	176-1	2467	1900	1867	2078	16.23	cps
Ytterbium	176-2	7758	7591	7619	7656	1.17	cps
Yttrium	89-1	14120240	12127849	12743707	12997266	7.85	cps
Yttrium	89-2	1582156	1566724	1529528	1559470	1.73	cps
Zinc	66-2	16209	15585	15469	15754	2.53	cps
Zirconium	90-1	3409	3317	3659	3462	5.11	cps
Zirconium	91-1	900	875	642	806	17.69	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-16	Instrumnet Name :	P8
Client Sample ID :	MW-06-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:16:16	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6194	6211	6089	6165	1.07	cps
Antimony	121-1	792	775	650	739	10.48	cps
Arsenic	75-2	187	225	172	195	14.03	cps
Barium	135-1	110983	109435	107227	109215	1.73	cps
Barium	137-1	185520	190040	192296	189286	1.82	cps
Beryllium	9-1	540	532	527	533	1.18	cps
Bismuth	209-1	5569061	5537262	5747640	5617987	2.02	cps
Bismuth	209-2	2783299	2551481	2802604	2712462	5.15	cps
Boron	10-1	36215	37360	36354	36643	1.71	cps
Boron	11-1	167175	167929	168614	167906	0.43	cps
Bromine	81-1	89869	99020	99615	96168	5.68	cps
Cadmium	111-1	3256	3617	3345	3406	5.53	cps
Cadmium	106-1	4476	4968	4584	4676	5.53	cps
Cadmium	108-1	33	63	50	49	30.11	cps
Calcium	43-1	107303	106089	106874	106755	0.58	cps
Calcium	44-1	1733310	1743227	1737892	1738143	0.29	cps
Carbon	12-1	8195343	8615527	8949740	8586870	4.40	cps
Carbon	12-2	105764	107618	107576	106986	0.99	cps
Chlorine	35-1	2823370	2824461	2840520	2829450	0.34	cps
Chlorine	35-2	21366	21133	21608	21369	1.11	cps
Chromium	52-2	1603	1600	1507	1570	3.50	cps
Cobalt	59-2	90389	89963	90241	90198	0.24	cps
Copper	63-2	24882	23727	24324	24311	2.38	cps
Dysprosium	156-1	983	925	942	950	3.16	cps
Dysprosium	156-2	393	373	400	389	3.57	cps
Erbium	164-1	983	958	942	961	2.18	cps
Erbium	164-2	457	393	440	430	7.64	cps
Gadolinium	160-1	1183	1133	1033	1117	6.84	cps
Gadolinium	160-2	550	503	577	543	6.83	cps
Gold	197-1	8	17	17	14	34.67	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9168097	9171805	9266097	9201999	0.60	cps
Holmium	165-2	4091406	3657508	4114348	3954420	6.51	cps
Indium	115-1	7665026	7559611	7908113	7710917	2.32	cps
Indium	115-2	1212047	1067519	1182625	1154064	6.62	cps
Iron	56-2	731711	719800	723594	725035	0.84	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-16	Instrumnet Name :	P8
Client Sample ID :	MW-06-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:16:16	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	18445	17923	18807	18392	2.42	cps
Iron	54-2	40463	40240	41081	40595	1.07	cps
Krypton	83-1	309	322	357	330	7.63	cps
Lead	206-1	2634	2973	3073	2893	7.95	cps
Lead	207-1	2523	2534	2523	2526	0.25	cps
Lead	208-1	11030	11397	11374	11267	1.82	cps
Lithium	6-1	5359050	5049448	5381503	5263334	3.53	cps
Magnesium	24-2	352732	349271	351790	351264	0.51	cps
Manganese	55-2	433585	428426	435632	432548	0.86	cps
Molybdenum	94-1	833	850	833	839	1.15	cps
Molybdenum	95-1	458	583	500	514	12.39	cps
Molybdenum	96-1	750	867	750	789	8.54	cps
Molybdenum	97-1	325	333	367	342	6.45	cps
Molybdenum	98-1	883	775	850	836	6.64	cps
Neodymium	150-1	1640	1667	1587	1631	2.50	cps
Neodymium	150-2	513	450	447	470	7.99	cps
Nickel	60-2	7279	7322	7199	7266	0.86	cps
Phosphorus	31-2	325	367	358	350	6.30	cps
Potassium	39-2	280352	278246	287771	282123	1.77	cps
Rhodium	103-1	7277356	7644112	7863827	7595098	3.90	cps
Rhodium	103-2	3453426	3085640	3401233	3313433	6.01	cps
Scandium	45-1	5807577	6002828	5926858	5912421	1.66	cps
Scandium	45-2	205474	186320	202852	198215	5.24	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	87	91	106	95	10.58	cps
Selenium	82-1	115	71	53	80	40.30	cps
Silicon	28-1	50217872	49410910	49224220	49617667	1.06	cps
Silver	107-1	258	292	250	267	8.27	cps
Silver	109-1	233	92	158	161	43.99	cps
Sodium	23-2	5131584	4917694	5055053	5034777	2.15	cps
Strontium	86-1	112175	113176	108546	111299	2.19	cps
Strontium	88-1	932024	979058	930877	947319	2.90	cps
Sulfur	34-1	605442	604043	600502	603329	0.42	cps
Terbium	159-1	9393398	9373180	9101175	9289251	1.76	cps
Terbium	159-2	3977895	3593744	3936872	3836170	5.50	cps
Thallium	203-1	1925	1859	2000	1928	3.68	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-16	Instrumnet Name :	P8
Client Sample ID :	MW-06-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:16:16	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	4476	4743	4868	4695	4.26	cps
Tin	118-1	3150	3134	3034	3106	2.03	cps
Titanium	47-1	1300	1559	1500	1453	9.33	cps
Uranium	238-1	450	475	542	489	9.69	cps
Vanadium	51-2	907	860	897	888	2.77	cps
Ytterbium	172-1	700	567	708	658	12.07	cps
Ytterbium	172-2	239	300	322	287	15.03	cps
Ytterbium	176-1	1992	1967	1917	1959	1.95	cps
Ytterbium	176-2	7374	6946	7552	7291	4.27	cps
Yttrium	89-1	13619741	12976416	13453741	13349966	2.50	cps
Yttrium	89-2	1546220	1366350	1477957	1463509	6.20	cps
Zinc	66-2	4918	4834	4687	4813	2.42	cps
Zirconium	90-1	1425	1550	1683	1553	8.32	cps
Zirconium	91-1	292	333	383	336	13.65	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-01	Instrumnet Name :	P8
Client Sample ID :	MW-09-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:19:24	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2949	3039	2920	2969	2.09	cps
Antimony	121-1	733	800	792	775	4.69	cps
Arsenic	75-2	2988	3035	2973	2998	1.08	cps
Barium	135-1	41899	41832	41473	41735	0.55	cps
Barium	137-1	69479	72923	70829	71077	2.44	cps
Beryllium	9-1	169	161	160	163	2.90	cps
Bismuth	209-1	5678296	5733529	5678471	5696765	0.56	cps
Bismuth	209-2	2814510	2580911	2807867	2734429	4.86	cps
Boron	10-1	46542	47687	47818	47349	1.48	cps
Boron	11-1	206051	213450	215247	211583	2.30	cps
Bromine	81-1	102823	112122	111568	108837	4.79	cps
Cadmium	111-1	3435	3565	3610	3537	2.57	cps
Cadmium	106-1	4893	5051	5109	5018	2.23	cps
Cadmium	108-1	33	13	29	25	44.09	cps
Calcium	43-1	658061	654058	645225	652448	1.01	cps
Calcium	44-1	10310370	10633059	10398382	10447270	1.60	cps
Carbon	12-1	8118474	8822935	9165632	8702347	6.14	cps
Carbon	12-2	106225	106175	107837	106746	0.89	cps
Chlorine	35-1	1971518	2010307	2058601	2013475	2.17	cps
Chlorine	35-2	15525	15634	15634	15598	0.40	cps
Chromium	52-2	2764	2794	2774	2777	0.55	cps
Cobalt	59-2	1960	1897	2037	1965	3.57	cps
Copper	63-2	4471	4377	4207	4352	3.07	cps
Dysprosium	156-1	1792	1800	1734	1775	2.05	cps
Dysprosium	156-2	757	713	660	710	6.82	cps
Erbium	164-1	1617	1725	1742	1695	4.01	cps
Erbium	164-2	660	637	667	654	2.41	cps
Gadolinium	160-1	2017	1775	1884	1892	6.40	cps
Gadolinium	160-2	1007	870	950	942	7.29	cps
Gold	197-1	8	8	0	6	86.60	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8737318	9353841	9339370	9143509	3.85	cps
Holmium	165-2	4032814	3824583	3964321	3940573	2.69	cps
Indium	115-1	7705346	7612165	7485781	7601097	1.45	cps
Indium	115-2	1226326	1155056	1165983	1182455	3.25	cps
Iron	56-2	21571343	21871319	21515628	21652763	0.88	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-01	Instrumnet Name :	P8
Client Sample ID :	MW-09-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:19:24	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	530966	535186	527857	531336	0.69	cps
Iron	54-2	1165430	1187370	1164759	1172520	1.10	cps
Krypton	83-1	367	337	319	341	7.21	cps
Lead	206-1	3701	4095	3717	3838	5.82	cps
Lead	207-1	3395	3562	3323	3426	3.58	cps
Lead	208-1	15476	16032	14881	15463	3.72	cps
Lithium	6-1	5291567	4995298	5175505	5154123	2.90	cps
Magnesium	24-2	424749	418352	417213	420105	0.97	cps
Manganese	55-2	111905	113192	108460	111186	2.20	cps
Molybdenum	94-1	2775	2817	2550	2714	5.29	cps
Molybdenum	95-1	3059	3234	3059	3117	3.24	cps
Molybdenum	96-1	4251	4392	4651	4431	4.58	cps
Molybdenum	97-1	1884	1742	1800	1809	3.94	cps
Molybdenum	98-1	5093	4676	4251	4673	9.01	cps
Neodymium	150-1	2394	2240	2407	2347	3.95	cps
Neodymium	150-2	737	697	587	673	11.54	cps
Nickel	60-2	787	753	790	777	2.61	cps
Phosphorus	31-2	1083	1142	908	1045	11.63	cps
Potassium	39-2	611620	606963	592635	603739	1.64	cps
Rhodium	103-1	7414350	7339571	7475042	7409655	0.92	cps
Rhodium	103-2	3397347	3236426	3248381	3294051	2.72	cps
Scandium	45-1	5733460	5965398	6050715	5916524	2.77	cps
Scandium	45-2	206108	199887	203564	203186	1.54	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	82	90	82	85	5.45	cps
Selenium	82-1	85	76	126	96	27.86	cps
Silicon	28-1	23565718	23782524	23892600	23746947	0.70	cps
Silver	107-1	208	167	275	217	25.22	cps
Silver	109-1	133	125	125	128	3.77	cps
Sodium	23-2	5796993	5734834	5761604	5764477	0.54	cps
Strontium	86-1	559967	549697	546724	552130	1.26	cps
Strontium	88-1	4623650	4725645	4676981	4675425	1.09	cps
Sulfur	34-1	475502	482069	481260	479610	0.75	cps
Terbium	159-1	9446145	9733091	9312382	9497206	2.26	cps
Terbium	159-2	3908003	3851469	3805793	3855088	1.33	cps
Thallium	203-1	317	467	517	433	24.02	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-01	Instrumnet Name :	P8
Client Sample ID :	MW-09-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:19:24	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1017	1258	1075	1117	11.29	cps
Tin	118-1	1617	1567	1450	1545	5.54	cps
Titanium	47-1	1533	1475	1442	1483	3.13	cps
Uranium	238-1	2267	2350	2267	2295	2.10	cps
Vanadium	51-2	3374	3554	3580	3503	3.21	cps
Ytterbium	172-1	983	817	1008	936	11.13	cps
Ytterbium	172-2	367	356	378	367	3.03	cps
Ytterbium	176-1	2025	2317	2000	2114	8.33	cps
Ytterbium	176-2	7702	7919	7841	7821	1.40	cps
Yttrium	89-1	13059671	13488675	13453084	13333810	1.79	cps
Yttrium	89-2	1617749	1534515	1523360	1558541	3.31	cps
Zinc	66-2	2023	1993	2027	2015	0.91	cps
Zirconium	90-1	2917	2784	2967	2889	3.28	cps
Zirconium	91-1	842	658	642	714	15.55	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-02	Instrumnet Name :	P8
Client Sample ID :	MW-09-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:22:29	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	576	490	532	533	8.09	cps
Antimony	121-1	908	800	708	806	12.43	cps
Arsenic	75-2	2699	2651	2670	2673	0.90	cps
Barium	135-1	37545	38481	35990	37339	3.37	cps
Barium	137-1	63333	66598	64187	64706	2.62	cps
Beryllium	9-1	160	117	135	137	15.53	cps
Bismuth	209-1	5716134	5001368	5420365	5379289	6.68	cps
Bismuth	209-2	2814116	2635601	2530560	2660092	5.39	cps
Boron	10-1	43968	44699	45020	44562	1.21	cps
Boron	11-1	196751	200464	205241	200819	2.12	cps
Bromine	81-1	109881	110415	115340	111879	2.69	cps
Cadmium	111-1	3201	3353	3310	3288	2.37	cps
Cadmium	106-1	4559	4801	4709	4690	2.60	cps
Cadmium	108-1	33	29	17	26	32.86	cps
Calcium	43-1	622330	637617	639157	633035	1.47	cps
Calcium	44-1	10434908	10217253	10007438	10219866	2.09	cps
Carbon	12-1	8146504	8654384	8955336	8585408	4.76	cps
Carbon	12-2	104505	105368	108021	105964	1.73	cps
Chlorine	35-1	1755461	1753729	1771212	1760134	0.55	cps
Chlorine	35-2	14232	14015	13573	13940	2.41	cps
Chromium	52-2	4971	4561	4828	4786	4.35	cps
Cobalt	59-2	1577	1807	1737	1707	6.91	cps
Copper	63-2	3087	2784	3100	2990	5.99	cps
Dysprosium	156-1	658	750	733	714	6.84	cps
Dysprosium	156-2	307	277	303	296	5.56	cps
Erbium	164-1	667	775	758	733	7.95	cps
Erbium	164-2	287	347	290	308	10.96	cps
Gadolinium	160-1	867	808	833	836	3.50	cps
Gadolinium	160-2	410	437	377	408	7.37	cps
Gold	197-1	8	0	8	6	86.60	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9393905	8320086	9004854	8906282	6.10	cps
Holmium	165-2	4031466	3754484	3714493	3833481	4.50	cps
Indium	115-1	7766097	6924249	7305229	7331859	5.75	cps
Indium	115-2	1184201	1116576	1076094	1125624	4.85	cps
Iron	56-2	18385991	18559442	17844938	18263457	2.04	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-02	Instrumnet Name :	P8
Client Sample ID :	MW-09-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:22:29	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	435263	447139	440759	441054	1.35	cps
Iron	54-2	983350	969730	974706	975929	0.71	cps
Krypton	83-1	300	341	359	333	9.05	cps
Lead	206-1	1783	1861	1656	1767	5.87	cps
Lead	207-1	1145	1422	1333	1300	10.91	cps
Lead	208-1	6301	6673	6490	6488	2.87	cps
Lithium	6-1	5381294	4759533	5069219	5070016	6.13	cps
Magnesium	24-2	414017	408568	408730	410439	0.76	cps
Manganese	55-2	108080	109035	108103	108406	0.50	cps
Molybdenum	94-1	3217	3342	2959	3173	6.16	cps
Molybdenum	95-1	3759	4009	3884	3884	3.22	cps
Molybdenum	96-1	5159	5685	5593	5479	5.12	cps
Molybdenum	97-1	2650	2467	2759	2625	5.62	cps
Molybdenum	98-1	6377	6468	6527	6457	1.17	cps
Neodymium	150-1	693	840	860	798	11.41	cps
Neodymium	150-2	210	230	260	233	10.79	cps
Nickel	60-2	1433	1503	1467	1468	2.39	cps
Phosphorus	31-2	758	658	708	708	7.06	cps
Potassium	39-2	598239	599912	594482	597544	0.47	cps
Rhodium	103-1	7358758	6477794	7147807	6994786	6.58	cps
Rhodium	103-2	3346099	3139566	3069467	3185044	4.52	cps
Scandium	45-1	6085942	5116382	5701195	5634506	8.66	cps
Scandium	45-2	211160	194425	190311	198632	5.56	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	93	83	87	88	5.74	cps
Selenium	82-1	155	71	91	106	41.32	cps
Silicon	28-1	22349343	22319933	23014450	22561242	1.74	cps
Silver	107-1	133	142	200	158	22.94	cps
Silver	109-1	133	150	142	142	5.88	cps
Sodium	23-2	5810865	5715885	5701454	5742735	1.04	cps
Strontium	86-1	523153	535775	512738	523889	2.20	cps
Strontium	88-1	4544566	4591717	4586360	4574214	0.56	cps
Sulfur	34-1	494928	488425	500654	494669	1.24	cps
Terbium	159-1	9127140	8364489	8765942	8752524	4.36	cps
Terbium	159-2	4060725	3599036	3582813	3747525	7.24	cps
Thallium	203-1	467	383	483	444	12.06	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-02	Instrumnet Name :	P8
Client Sample ID :	MW-09-1.5-11.5-083122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:22:29	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1300	942	908	1050	20.68	cps
Tin	118-1	2192	2050	2142	2128	3.38	cps
Titanium	47-1	925	925	925	925	0.00	cps
Uranium	238-1	1583	1508	1483	1525	3.41	cps
Vanadium	51-2	1507	1417	1547	1490	4.47	cps
Ytterbium	172-1	525	725	517	589	20.03	cps
Ytterbium	172-2	272	322	233	276	16.15	cps
Ytterbium	176-1	2050	1859	1658	1856	10.56	cps
Ytterbium	176-2	7502	7630	7486	7539	1.05	cps
Yttrium	89-1	13581469	11462008	12808525	12617334	8.50	cps
Yttrium	89-2	1518239	1472377	1414842	1468486	3.53	cps
Zinc	66-2	3500	3507	3741	3583	3.82	cps
Zirconium	90-1	2259	2475	2575	2436	6.65	cps
Zirconium	91-1	592	450	592	544	15.02	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-05	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:25:36	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2678550	2571228	2525663	2591813	3.03	cps
Antimony	121-1	1692	1683	1450	1608	8.53	cps
Arsenic	75-2	4111	3892	3962	3988	2.81	cps
Barium	135-1	547081	546851	542975	545636	0.42	cps
Barium	137-1	920800	939169	927790	929253	1.00	cps
Beryllium	9-1	10076	10171	10196	10148	0.62	cps
Bismuth	209-1	5804964	5469305	5773380	5682550	3.26	cps
Bismuth	209-2	2815634	3240469	2578013	2878039	11.66	cps
Boron	10-1	46829	46594	47678	47034	1.21	cps
Boron	11-1	207657	214268	214359	212095	1.81	cps
Bromine	81-1	122045	133166	142709	132640	7.80	cps
Cadmium	111-1	5888	5621	5706	5739	2.38	cps
Cadmium	106-1	6168	5860	6018	6015	2.56	cps
Cadmium	108-1	263	258	242	254	4.34	cps
Calcium	43-1	493178	498378	494010	495189	0.56	cps
Calcium	44-1	7962070	8045260	7793364	7933565	1.62	cps
Carbon	12-1	8391899	8870032	9147427	8803120	4.34	cps
Carbon	12-2	106510	108408	105913	106944	1.22	cps
Chlorine	35-1	1762875	1891324	1929010	1861070	4.68	cps
Chlorine	35-2	15008	15701	14750	15153	3.24	cps
Chromium	52-2	282004	274538	276064	277535	1.42	cps
Cobalt	59-2	127933	122493	123112	124513	2.39	cps
Copper	63-2	164068	159239	156923	160077	2.28	cps
Dysprosium	156-1	182171	179780	177265	179739	1.37	cps
Dysprosium	156-2	73806	69761	69078	70882	3.60	cps
Erbium	164-1	147751	149110	144569	147143	1.58	cps
Erbium	164-2	58686	57186	56787	57553	1.74	cps
Gadolinium	160-1	172529	171465	167454	170483	1.57	cps
Gadolinium	160-2	77169	73707	74340	75072	2.46	cps
Gold	197-1	42	17	25	28	45.82	cps
Gold	197-2	22	17	11	17	33.33	cps
Holmium	165-1	9631923	9328446	9357729	9439366	1.77	cps
Holmium	165-2	4165422	4673613	3918733	4252589	9.05	cps
Indium	115-1	7861883	7537600	7665937	7688473	2.12	cps
Indium	115-2	1257872	1449224	1129638	1278911	12.58	cps
Iron	56-2	103041444	99601030	96883716	99842063	3.09	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-05	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:25:36	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	2621175	2511762	2570865	2567934	2.13	cps
Iron	54-2	5619154	5533017	5423253	5525141	1.78	cps
Krypton	83-1	557	546	530	545	2.54	cps
Lead	206-1	116448	118209	119386	118014	1.25	cps
Lead	207-1	97775	95921	96144	96613	1.05	cps
Lead	208-1	449024	453756	457532	453437	0.94	cps
Lithium	6-1	5281832	5221934	5352029	5285265	1.23	cps
Magnesium	24-2	2178496	2202206	2143679	2174794	1.35	cps
Manganese	55-2	821281	805899	806639	811273	1.07	cps
Molybdenum	94-1	30626	30593	30651	30623	0.10	cps
Molybdenum	95-1	4543	4843	4518	4634	3.90	cps
Molybdenum	96-1	13624	13524	13899	13682	1.42	cps
Molybdenum	97-1	2759	2650	2825	2745	3.22	cps
Molybdenum	98-1	7027	7227	6810	7021	2.97	cps
Neodymium	150-1	249842	252829	245690	249454	1.44	cps
Neodymium	150-2	80146	77125	75565	77612	3.00	cps
Nickel	60-2	65048	64358	63953	64453	0.86	cps
Phosphorus	31-2	8561	8403	8669	8544	1.57	cps
Potassium	39-2	1215190	1214263	1163138	1197531	2.49	cps
Rhodium	103-1	7680517	7216218	7571695	7489477	3.24	cps
Rhodium	103-2	3419680	3977915	3118055	3505217	12.45	cps
Scandium	45-1	6678459	6267705	6248618	6398261	3.80	cps
Scandium	45-2	229377	259321	215312	234670	9.58	cps
Selenium	77-2	320	280	327	309	8.17	cps
Selenium	78-2	332	332	366	343	5.72	cps
Selenium	82-1	341	325	456	374	19.12	cps
Silicon	28-1	276869740	280125498	281742831	279579356	0.89	cps
Silver	107-1	3709	3784	4001	3831	3.95	cps
Silver	109-1	3275	3426	3442	3381	2.72	cps
Sodium	23-2	8325785	8244464	8125519	8231922	1.22	cps
Strontium	86-1	455677	468148	454543	459456	1.64	cps
Strontium	88-1	3965963	4030436	4083488	4026629	1.46	cps
Sulfur	34-1	806211	798640	788706	797852	1.10	cps
Terbium	159-1	10235415	9385909	9537188	9719504	4.66	cps
Terbium	159-2	4058699	4632945	3721192	4137612	11.14	cps
Thallium	203-1	6277	6752	6118	6382	5.17	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-05	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:25:36	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	15877	15827	15034	15579	3.03	cps
Tin	118-1	4042	4034	3926	4001	1.63	cps
Titanium	47-1	611179	623942	619117	618079	1.04	cps
Uranium	238-1	61877	61392	62270	61847	0.71	cps
Vanadium	51-2	250111	240643	242374	244376	2.06	cps
Ytterbium	172-1	37980	38206	35741	37309	3.65	cps
Ytterbium	172-2	17490	16972	16833	17098	2.02	cps
Ytterbium	176-1	24841	24665	23154	24220	3.83	cps
Ytterbium	176-2	18358	19381	17634	18458	4.75	cps
Yttrium	89-1	15982602	15224625	15389144	15532124	2.57	cps
Yttrium	89-2	1848602	2024640	1655653	1842965	10.01	cps
Zinc	66-2	72963	73011	72401	72792	0.47	cps
Zirconium	90-1	79009	79445	78246	78900	0.77	cps
Zirconium	91-1	16694	17428	17136	17086	2.16	cps

LB Number : LB121958 Operator : Jaswal
 Lab Sample ID : N4492-06 Instrumnet Name : P8
 Client Sample ID : MW-01-1.5-11.5-090122 Dilution Factor : 1
 Date & Time Acquired : 2022-09-09 15:28:38 DataFile Name : 053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3371	3326	3315	3337	0.89	cps
Antimony	121-1	1225	1225	1267	1239	1.94	cps
Arsenic	75-2	113	114	116	114	1.34	cps
Barium	135-1	97654	94118	92099	94624	2.97	cps
Barium	137-1	163283	165272	158175	162243	2.26	cps
Beryllium	9-1	197	202	215	205	4.40	cps
Bismuth	209-1	5615284	5576117	6025388	5738930	4.34	cps
Bismuth	209-2	2812914	2720053	2740064	2757677	1.77	cps
Boron	10-1	38390	39150	39142	38894	1.12	cps
Boron	11-1	174603	179492	179360	177818	1.57	cps
Bromine	81-1	120729	129418	132167	127438	4.68	cps
Cadmium	111-1	3497	3535	3442	3491	1.34	cps
Cadmium	106-1	4568	4701	4643	4637	1.44	cps
Cadmium	108-1	54	50	71	58	18.89	cps
Calcium	43-1	277027	279663	271980	276223	1.41	cps
Calcium	44-1	4557932	4502975	4460696	4507201	1.08	cps
Carbon	12-1	8532101	9152040	9425961	9036701	5.07	cps
Carbon	12-2	109792	114242	111446	111826	2.01	cps
Chlorine	35-1	1731538	1778370	1810052	1773320	2.23	cps
Chlorine	35-2	14674	14583	14449	14569	0.78	cps
Chromium	52-2	2010	1837	1807	1885	5.83	cps
Cobalt	59-2	3547	3527	3317	3464	3.68	cps
Copper	63-2	42728	41614	42079	42141	1.33	cps
Dysprosium	156-1	767	775	717	753	4.19	cps
Dysprosium	156-2	380	313	337	343	9.85	cps
Erbium	164-1	858	967	842	889	7.64	cps
Erbium	164-2	327	370	410	369	11.30	cps
Gadolinium	160-1	1042	850	1083	992	12.55	cps
Gadolinium	160-2	513	527	483	508	4.37	cps
Gold	197-1	17	25	8	17	50.01	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	9384499	8955366	9644349	9328071	3.73	cps
Holmium	165-2	4145675	3847950	4019385	4004337	3.73	cps
Indium	115-1	7754781	7857747	8135097	7915875	2.48	cps
Indium	115-2	1231242	1196888	1155929	1194686	3.16	cps
Iron	56-2	57360	56384	57283	57009	0.95	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-06	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:28:38	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1878	1984	2039	1967	4.16	cps
Iron	54-2	3845	3695	3695	3745	2.31	cps
Krypton	83-1	344	340	364	349	3.66	cps
Lead	206-1	1939	1845	1950	1911	3.04	cps
Lead	207-1	1617	1622	1639	1626	0.71	cps
Lead	208-1	7651	7184	7584	7473	3.38	cps
Lithium	6-1	5000170	5230834	5398708	5209904	3.84	cps
Magnesium	24-2	810572	801976	783209	798586	1.75	cps
Manganese	55-2	35631	35304	35184	35373	0.66	cps
Molybdenum	94-1	1317	1125	1017	1153	13.18	cps
Molybdenum	95-1	858	792	858	836	4.60	cps
Molybdenum	96-1	975	1033	933	981	5.12	cps
Molybdenum	97-1	542	467	308	439	27.14	cps
Molybdenum	98-1	1150	1108	1242	1167	5.85	cps
Neodymium	150-1	907	853	787	849	7.08	cps
Neodymium	150-2	247	240	220	236	5.89	cps
Nickel	60-2	5351	4971	4948	5090	4.45	cps
Phosphorus	31-2	717	875	692	761	13.06	cps
Potassium	39-2	549485	547077	555627	550730	0.80	cps
Rhodium	103-1	7568956	7741808	7975216	7761993	2.63	cps
Rhodium	103-2	3442224	3420923	3228532	3363893	3.50	cps
Scandium	45-1	5988302	6150965	6377513	6172260	3.17	cps
Scandium	45-2	215957	203162	205145	208088	3.31	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	82	83	72	79	7.70	cps
Selenium	82-1	74	81	41	65	32.50	cps
Silicon	28-1	56976722	57673262	56416578	57022187	1.10	cps
Silver	107-1	183	317	267	256	26.36	cps
Silver	109-1	292	217	242	250	15.28	cps
Sodium	23-2	7875360	7808161	7543976	7742499	2.26	cps
Strontium	86-1	246271	245034	243449	244918	0.58	cps
Strontium	88-1	2200142	2134650	2092873	2142555	2.52	cps
Sulfur	34-1	772125	770110	755267	765834	1.20	cps
Terbium	159-1	9124547	9340832	10123937	9529772	5.52	cps
Terbium	159-2	4107770	3902400	3730773	3913648	4.82	cps
Thallium	203-1	525	533	533	531	0.91	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-06	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:28:38	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1392	1300	1108	1267	11.41	cps
Tin	118-1	1709	1700	1717	1708	0.49	cps
Titanium	47-1	2109	1975	1867	1984	6.11	cps
Uranium	238-1	633	583	592	603	4.44	cps
Vanadium	51-2	2147	2084	2094	2108	1.62	cps
Ytterbium	172-1	575	508	517	533	6.81	cps
Ytterbium	172-2	267	244	300	270	10.34	cps
Ytterbium	176-1	1942	1767	1967	1892	5.76	cps
Ytterbium	176-2	7597	7830	7641	7689	1.61	cps
Yttrium	89-1	13687010	13442673	14237870	13789184	2.95	cps
Yttrium	89-2	1555669	1580829	1489491	1541996	3.06	cps
Zinc	66-2	2884	2984	2807	2891	3.06	cps
Zirconium	90-1	2050	1934	2134	2039	4.93	cps
Zirconium	91-1	433	367	392	397	8.48	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-07	Instrumnet Name :	P8
Client Sample ID :	BR-03D-479.5-499.5-090	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:31:45	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8979	8755	8844	8860	1.27	cps
Antimony	121-1	1934	2134	2300	2122	8.65	cps
Arsenic	75-2	465	470	497	477	3.61	cps
Barium	135-1	39107	38205	36425	37912	3.60	cps
Barium	137-1	66121	65535	64346	65334	1.38	cps
Beryllium	9-1	170	154	159	161	5.18	cps
Bismuth	209-1	5205394	5341738	5275931	5274354	1.29	cps
Bismuth	209-2	2849621	2721788	2657253	2742887	3.57	cps
Boron	10-1	304437	315151	316546	312045	2.12	cps
Boron	11-1	1285155	1370000	1349947	1335034	3.32	cps
Bromine	81-1	99920	99899	100915	100245	0.58	cps
Cadmium	111-1	3021	3104	3285	3137	4.30	cps
Cadmium	106-1	4326	4434	4643	4468	3.60	cps
Cadmium	108-1	33	29	21	28	22.92	cps
Calcium	43-1	253115	250509	246684	250103	1.29	cps
Calcium	44-1	3950306	3962632	4026318	3979752	1.03	cps
Carbon	12-1	7666704	8203225	8661665	8177198	6.09	cps
Carbon	12-2	100460	100199	103882	101514	2.02	cps
Chlorine	35-1	3169929	3403765	3538602	3370766	5.53	cps
Chlorine	35-2	30132	30549	30566	30416	0.81	cps
Chromium	52-2	2160	2080	1960	2067	4.87	cps
Cobalt	59-2	200	180	173	184	7.52	cps
Copper	63-2	2670	2470	2567	2569	3.89	cps
Dysprosium	156-1	250	342	525	372	37.62	cps
Dysprosium	156-2	123	100	150	124	20.10	cps
Erbium	164-1	300	283	242	275	10.92	cps
Erbium	164-2	113	87	93	98	14.20	cps
Gadolinium	160-1	367	433	508	436	16.25	cps
Gadolinium	160-2	243	227	203	224	8.95	cps
Gold	197-1	0	0	0	0	0.00	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	8656537	8671496	8930749	8752927	1.76	cps
Holmium	165-2	4257928	4072066	4110967	4146987	2.36	cps
Indium	115-1	7337602	7375052	7364411	7359022	0.26	cps
Indium	115-2	1228941	1234436	1174667	1212682	2.72	cps
Iron	56-2	156931	148803	155493	153743	2.82	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-07	Instrumnet Name :	P8
Client Sample ID :	BR-03D-479.5-499.5-090	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:31:45	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4245	4367	4562	4392	3.64	cps
Iron	54-2	9487	9325	9142	9318	1.85	cps
Krypton	83-1	374	366	355	365	2.59	cps
Lead	206-1	1717	1911	1628	1752	8.27	cps
Lead	207-1	1506	1678	1378	1520	9.90	cps
Lead	208-1	7056	7245	6668	6990	4.22	cps
Lithium	6-1	4791168	4985313	5079006	4951829	2.96	cps
Magnesium	24-2	611479	610626	615285	612463	0.41	cps
Manganese	55-2	40554	39521	39816	39964	1.33	cps
Molybdenum	94-1	21384	21551	21008	21314	1.30	cps
Molybdenum	95-1	38421	36975	36958	37452	2.24	cps
Molybdenum	96-1	38404	39424	38872	38900	1.31	cps
Molybdenum	97-1	22327	23020	22644	22664	1.53	cps
Molybdenum	98-1	58332	59077	56658	58022	2.14	cps
Neodymium	150-1	627	607	507	580	11.08	cps
Neodymium	150-2	207	190	160	186	12.75	cps
Nickel	60-2	597	513	473	528	11.92	cps
Phosphorus	31-2	517	592	567	558	6.84	cps
Potassium	39-2	595196	609872	599210	601426	1.26	cps
Rhodium	103-1	6878354	7152034	7234789	7088392	2.63	cps
Rhodium	103-2	3409091	3421868	3226275	3352411	3.26	cps
Scandium	45-1	5562728	5693672	6062490	5772963	4.49	cps
Scandium	45-2	216698	221540	205497	214578	3.83	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	81	90	103	91	12.11	cps
Selenium	82-1	172	149	164	162	7.43	cps
Silicon	28-1	44261259	42794860	42816958	43291026	1.94	cps
Silver	107-1	183	200	158	181	11.62	cps
Silver	109-1	108	83	100	97	13.09	cps
Sodium	23-2	61330362	62133201	62029647	61831070	0.71	cps
Strontium	86-1	482410	490253	488821	487161	0.86	cps
Strontium	88-1	4359362	4262989	4254607	4292319	1.36	cps
Sulfur	34-1	2080099	2061907	1990504	2044170	2.32	cps
Terbium	159-1	9032598	9317150	8995009	9114919	1.93	cps
Terbium	159-2	4093043	4155508	3933843	4060798	2.81	cps
Thallium	203-1	325	333	300	319	5.43	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-07	Instrumnet Name :	P8
Client Sample ID :	BR-03D-479.5-499.5-090	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:31:45	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1008	992	975	992	1.68	cps
Tin	118-1	4876	4551	4901	4776	4.09	cps
Titanium	47-1	2350	2442	2334	2375	2.46	cps
Uranium	238-1	38392	40557	39003	39317	2.84	cps
Vanadium	51-2	3110	2970	3114	3065	2.67	cps
Ytterbium	172-1	142	100	133	125	17.64	cps
Ytterbium	172-2	33	33	67	44	43.31	cps
Ytterbium	176-1	1550	1525	1583	1553	1.88	cps
Ytterbium	176-2	7747	7969	7741	7819	1.66	cps
Yttrium	89-1	12492791	13115426	13461965	13023394	3.77	cps
Yttrium	89-2	1594578	1629672	1539360	1587870	2.87	cps
Zinc	66-2	8860	8743	8689	8764	0.99	cps
Zirconium	90-1	1675	1708	2350	1911	19.91	cps
Zirconium	91-1	342	408	350	367	9.91	cps

LB Number : LB121958 Operator : Jaswal
 Lab Sample ID : N4492-08 Instrumnet Name : P8
 Client Sample ID : BR-03D-479.5-499.5-090 Dilution Factor : 1
 Date & Time Acquired : 2022-09-09 15:34:49 DataFile Name : 055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	679	641	609	643	5.45	cps
Antimony	121-1	1650	1575	1667	1631	2.99	cps
Arsenic	75-2	463	455	479	466	2.63	cps
Barium	135-1	33551	33242	34679	33824	2.24	cps
Barium	137-1	60445	57841	57574	58620	2.71	cps
Beryllium	9-1	115	104	117	112	6.54	cps
Bismuth	209-1	5604925	5484960	5590188	5560025	1.18	cps
Bismuth	209-2	2665394	2736315	2732695	2711468	1.47	cps
Boron	10-1	303376	308836	321059	311090	2.91	cps
Boron	11-1	1351870	1312027	1385551	1349816	2.73	cps
Bromine	81-1	97854	103234	101401	100830	2.71	cps
Cadmium	111-1	3575	3404	3221	3400	5.22	cps
Cadmium	106-1	5101	4843	4584	4843	5.34	cps
Cadmium	108-1	29	21	25	25	16.68	cps
Calcium	43-1	233533	233228	230641	232468	0.68	cps
Calcium	44-1	3744286	3851083	3688836	3761401	2.19	cps
Carbon	12-1	7352103	7970202	8176788	7833031	5.48	cps
Carbon	12-2	94772	97281	99536	97196	2.45	cps
Chlorine	35-1	3487782	3726684	3818461	3677642	4.64	cps
Chlorine	35-2	31134	31769	32646	31849	2.38	cps
Chromium	52-2	1410	1433	1420	1421	0.82	cps
Cobalt	59-2	103	87	103	98	9.84	cps
Copper	63-2	1877	2030	1793	1900	6.32	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	92	42	67	67	37.50	cps
Erbium	164-2	23	10	40	24	61.49	cps
Gadolinium	160-1	100	108	58	89	30.13	cps
Gadolinium	160-2	103	103	123	110	10.50	cps
Gold	197-1	33	0	8	14	124.91	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	9798186	9241750	9148996	9396311	3.74	cps
Holmium	165-2	4028861	4154893	4025148	4069634	1.81	cps
Indium	115-1	8100759	7640046	7367543	7702783	4.81	cps
Indium	115-2	1186615	1171592	1193554	1183920	0.95	cps
Iron	56-2	19776	18568	18362	18902	4.04	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-08	Instrumnet Name :	P8
Client Sample ID :	BR-03D-479.5-499.5-090	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:34:49	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1067	1028	939	1011	6.48	cps
Iron	54-2	1956	1761	1661	1793	8.35	cps
Krypton	83-1	341	319	352	337	5.09	cps
Lead	206-1	2178	2172	1972	2108	5.56	cps
Lead	207-1	1650	1689	1756	1698	3.14	cps
Lead	208-1	8196	8196	8385	8259	1.32	cps
Lithium	6-1	5132404	5105486	5119498	5119129	0.26	cps
Magnesium	24-2	594001	589468	577054	586841	1.50	cps
Manganese	55-2	33556	32581	32373	32837	1.92	cps
Molybdenum	94-1	20608	20207	19573	20129	2.59	cps
Molybdenum	95-1	35530	34193	34644	34789	1.96	cps
Molybdenum	96-1	37961	37000	37928	37630	1.45	cps
Molybdenum	97-1	22335	21843	22168	22115	1.13	cps
Molybdenum	98-1	55445	55630	55655	55577	0.21	cps
Neodymium	150-1	20	27	20	22	17.33	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	440	423	433	432	1.94	cps
Phosphorus	31-2	542	600	433	525	16.11	cps
Potassium	39-2	579086	571086	571865	574012	0.77	cps
Rhodium	103-1	7810956	7540476	7114191	7488541	4.69	cps
Rhodium	103-2	3330346	3393636	3236549	3320177	2.38	cps
Scandium	45-1	6379197	6021031	5844236	6081488	4.48	cps
Scandium	45-2	205599	206086	205086	205590	0.24	cps
Selenium	77-2	0	13	0	4	173.21	cps
Selenium	78-2	101	80	92	91	11.58	cps
Selenium	82-1	137	157	177	157	12.70	cps
Silicon	28-1	38748234	40334828	39191782	39424948	2.08	cps
Silver	107-1	125	167	142	144	14.52	cps
Silver	109-1	167	83	92	114	40.30	cps
Sodium	23-2	61354112	59240499	59803878	60132830	1.82	cps
Strontium	86-1	458240	457994	452021	456085	0.77	cps
Strontium	88-1	3973966	4030962	3893929	3966286	1.74	cps
Sulfur	34-1	1996320	1985716	1945054	1975697	1.37	cps
Terbium	159-1	9958006	9102081	9394866	9484985	4.59	cps
Terbium	159-2	3800993	3842363	3868695	3837350	0.89	cps
Thallium	203-1	333	375	325	344	7.78	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-08	Instrumnet Name :	P8
Client Sample ID :	BR-03D-479.5-499.5-090	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:34:49	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	908	983	850	914	7.31	cps
Tin	118-1	4292	4484	4443	4406	2.29	cps
Titanium	47-1	1117	1183	1300	1200	7.73	cps
Uranium	238-1	37724	38485	38275	38161	1.03	cps
Vanadium	51-2	2807	2680	2780	2756	2.42	cps
Ytterbium	172-1	83	58	75	72	17.63	cps
Ytterbium	172-2	44	17	17	26	61.85	cps
Ytterbium	176-1	1692	1467	1433	1531	9.18	cps
Ytterbium	176-2	7335	7736	7686	7586	2.88	cps
Yttrium	89-1	14014651	13281656	13189355	13495221	3.35	cps
Yttrium	89-2	1567819	1554891	1561698	1561469	0.41	cps
Zinc	66-2	1813	1740	1610	1721	5.98	cps
Zirconium	90-1	700	775	683	719	6.79	cps
Zirconium	91-1	150	100	158	136	23.18	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-09	Instrumnet Name :	P8
Client Sample ID :	MW-14B-43-48-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:37:54	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5744	5834	5742	5773	0.91	cps
Antimony	121-1	375	433	425	411	7.67	cps
Arsenic	75-2	97	96	97	97	0.60	cps
Barium	135-1	590093	612747	589660	597500	2.21	cps
Barium	137-1	1028020	1039705	1010404	1026043	1.44	cps
Beryllium	9-1	7086	7138	7185	7136	0.69	cps
Bismuth	209-1	5194488	5589641	5280973	5355034	3.88	cps
Bismuth	209-2	2551698	2694862	2592264	2612942	2.82	cps
Boron	10-1	36031	34518	33586	34711	3.56	cps
Boron	11-1	162917	157414	152638	157657	3.26	cps
Bromine	81-1	132306	142251	142198	138918	4.12	cps
Cadmium	111-1	25464	26168	25254	25629	1.87	cps
Cadmium	106-1	6677	7327	6277	6760	7.84	cps
Cadmium	108-1	1438	1667	1533	1546	7.45	cps
Calcium	43-1	816543	817140	802533	812072	1.02	cps
Calcium	44-1	12782812	13209463	12723879	12905385	2.05	cps
Carbon	12-1	7046888	7798162	8081332	7642128	7.00	cps
Carbon	12-2	94125	96063	99604	96597	2.88	cps
Chlorine	35-1	8798378	10138887	10636753	9858006	9.65	cps
Chlorine	35-2	92059	96832	98200	95697	3.37	cps
Chromium	52-2	2044	2040	2097	2060	1.54	cps
Cobalt	59-2	70356	69298	67513	69056	2.08	cps
Copper	63-2	27720	27143	26271	27045	2.70	cps
Dysprosium	156-1	8445	9262	8219	8642	6.35	cps
Dysprosium	156-2	3380	3160	3204	3248	3.59	cps
Erbium	164-1	5476	5443	5376	5432	0.94	cps
Erbium	164-2	2137	2304	2144	2195	4.30	cps
Gadolinium	160-1	8186	8386	7836	8136	3.42	cps
Gadolinium	160-2	3631	3541	3440	3537	2.69	cps
Gold	197-1	0	0	0	0	0.00	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8877390	9544016	8869702	9097036	4.26	cps
Holmium	165-2	3922797	3841633	4023412	3929281	2.32	cps
Indium	115-1	7471146	7637438	7406440	7505008	1.59	cps
Indium	115-2	1133234	1157474	1176097	1155602	1.86	cps
Iron	56-2	282668	275937	274633	277746	1.55	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-09	Instrumnet Name :	P8
Client Sample ID :	MW-14B-43-48-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:37:54	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	8975	8631	8708	8771	2.06	cps
Iron	54-2	15954	15536	15954	15815	1.52	cps
Krypton	83-1	355	342	339	345	2.46	cps
Lead	206-1	82377	83273	81830	82493	0.88	cps
Lead	207-1	67331	71001	69117	69150	2.65	cps
Lead	208-1	320861	329434	322328	324208	1.41	cps
Lithium	6-1	5077107	5405020	5033203	5171777	3.93	cps
Magnesium	24-2	1910438	1893832	1916362	1906877	0.61	cps
Manganese	55-2	366878	356922	356064	359955	1.67	cps
Molybdenum	94-1	1083	942	733	920	19.15	cps
Molybdenum	95-1	958	1158	1058	1058	9.45	cps
Molybdenum	96-1	1283	1108	1192	1195	7.33	cps
Molybdenum	97-1	458	508	583	517	12.18	cps
Molybdenum	98-1	1542	1492	1367	1467	6.15	cps
Neodymium	150-1	10998	10818	11045	10954	1.09	cps
Neodymium	150-2	3614	3571	3504	3563	1.56	cps
Nickel	60-2	28268	27583	27917	27923	1.23	cps
Phosphorus	31-2	325	450	217	331	35.32	cps
Potassium	39-2	2028893	1986109	1956834	1990612	1.82	cps
Rhodium	103-1	7162886	7634955	7137571	7311804	3.83	cps
Rhodium	103-2	3288917	3280603	3293153	3287558	0.19	cps
Scandium	45-1	5719945	6222738	5908333	5950339	4.27	cps
Scandium	45-2	197928	204986	203254	202056	1.82	cps
Selenium	77-2	13	20	10	14	35.26	cps
Selenium	78-2	89	88	82	86	4.38	cps
Selenium	82-1	76	97	105	93	16.05	cps
Silicon	28-1	43750951	42855271	43752470	43452897	1.19	cps
Silver	107-1	408	383	308	367	14.19	cps
Silver	109-1	242	233	292	256	12.35	cps
Sodium	23-2	71294785	69233027	70137095	70221636	1.47	cps
Strontium	86-1	1038941	1098588	1043333	1060287	3.14	cps
Strontium	88-1	8918522	9437402	9112765	9156230	2.86	cps
Sulfur	34-1	492676	494034	495032	493914	0.24	cps
Terbium	159-1	8935934	9892040	9043640	9290538	5.64	cps
Terbium	159-2	3823202	3838695	3858677	3840191	0.46	cps
Thallium	203-1	2359	2350	2000	2236	9.15	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-09	Instrumnet Name :	P8
Client Sample ID :	MW-14B-43-48-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:37:54	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	5176	5210	5235	5207	0.56	cps
Tin	118-1	4267	4351	3951	4190	5.04	cps
Titanium	47-1	2167	2075	1900	2047	6.62	cps
Uranium	238-1	4134	4526	4259	4306	4.65	cps
Vanadium	51-2	573	633	673	627	8.03	cps
Ytterbium	172-1	1292	1225	1133	1217	6.53	cps
Ytterbium	172-2	622	506	483	537	13.89	cps
Ytterbium	176-1	2375	2459	2359	2398	2.23	cps
Ytterbium	176-2	7419	8103	8169	7897	5.26	cps
Yttrium	89-1	13070805	14081392	13120443	13424213	4.24	cps
Yttrium	89-2	1508413	1518320	1556216	1527650	1.65	cps
Zinc	66-2	366396	371719	361563	366559	1.39	cps
Zirconium	90-1	1125	1117	950	1064	9.28	cps
Zirconium	91-1	225	167	200	197	14.84	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:45:21	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3206822	3137453	3083778	3142685	1.96	cps
Antimony	121-1	2516019	2509194	2446505	2490573	1.54	cps
Arsenic	75-2	82796	81102	80475	81457	1.47	cps
Barium	135-1	3507713	3381902	3335062	3408226	2.62	cps
Barium	137-1	5811001	5924412	5609353	5781589	2.76	cps
Beryllium	9-1	1194309	1207462	1217688	1206486	0.97	cps
Bismuth	209-1	5117483	5138200	5297508	5184397	1.90	cps
Bismuth	209-2	2501730	2551146	2595694	2549523	1.84	cps
Boron	10-1	323399	328028	332350	327926	1.37	cps
Boron	11-1	1349806	1390569	1400474	1380283	1.95	cps
Bromine	81-1	65732	62232	65330	64431	2.97	cps
Cadmium	111-1	707894	708458	706691	707681	0.13	cps
Cadmium	106-1	88008	88510	89441	88653	0.82	cps
Cadmium	108-1	58126	58386	58980	58497	0.75	cps
Calcium	43-1	5691472	5601918	5749992	5681127	1.31	cps
Calcium	44-1	90761033	85769746	90031554	88854111	3.03	cps
Carbon	12-1	5411955	5556989	5623129	5530691	1.95	cps
Carbon	12-2	66718	66174	67665	66852	1.13	cps
Chlorine	35-1	1521510	1498039	1471352	1496967	1.68	cps
Chlorine	35-2	11505	10829	10496	10943	4.70	cps
Chromium	52-2	887099	855203	849722	864008	2.34	cps
Cobalt	59-2	1647942	1576224	1550766	1591644	3.17	cps
Copper	63-2	11825970	11785051	11366891	11659304	2.18	cps
Dysprosium	156-1	467	392	525	461	14.50	cps
Dysprosium	156-2	153	170	137	153	10.87	cps
Erbium	164-1	25	92	92	69	55.43	cps
Erbium	164-2	17	13	30	20	44.10	cps
Gadolinium	160-1	342	258	292	297	14.11	cps
Gadolinium	160-2	210	197	200	202	3.43	cps
Gold	197-1	42	42	8	31	62.99	cps
Gold	197-2	100	78	94	91	12.74	cps
Holmium	165-1	9029888	9233448	9096795	9120044	1.14	cps
Holmium	165-2	4127592	4045633	4164868	4112698	1.48	cps
Indium	115-1	7375153	7167090	6974172	7172138	2.80	cps
Indium	115-2	1122946	1149865	1180018	1150943	2.48	cps
Iron	56-2	185206654	180737321	182080804	182674926	1.26	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:45:21	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4680494	4708761	4408400	4599218	3.61	cps
Iron	54-2	10306793	10132326	10024946	10154688	1.40	cps
Krypton	83-1	411	380	389	393	4.10	cps
Lead	206-1	11229086	11079454	10776176	11028239	2.09	cps
Lead	207-1	9924979	9423756	9553197	9633978	2.70	cps
Lead	208-1	45224609	44118558	44165527	44502898	1.41	cps
Lithium	6-1	5304786	5153709	5090096	5182864	2.13	cps
Magnesium	24-2	41740872	41190848	39228874	40720198	3.24	cps
Manganese	55-2	5026596	4971001	4856475	4951357	1.75	cps
Molybdenum	94-1	10870707	11018413	11025391	10971504	0.80	cps
Molybdenum	95-1	15726463	15331093	15818052	15625202	1.66	cps
Molybdenum	96-1	16775860	16899727	16610569	16762052	0.87	cps
Molybdenum	97-1	9662125	9548628	9623743	9611498	0.60	cps
Molybdenum	98-1	24862505	25284234	24538581	24895107	1.50	cps
Neodymium	150-1	340	280	313	311	9.66	cps
Neodymium	150-2	17	20	30	22	31.22	cps
Nickel	60-2	406982	399231	399161	401792	1.12	cps
Phosphorus	31-2	38928	37098	37248	37758	2.69	cps
Potassium	39-2	15166771	14625415	14902727	14898304	1.82	cps
Rhodium	103-1	6770028	6625058	6870275	6755120	1.83	cps
Rhodium	103-2	3181065	3192722	3170878	3181555	0.34	cps
Scandium	45-1	5783732	5823493	5913567	5840264	1.14	cps
Scandium	45-2	205181	203439	210794	206471	1.86	cps
Selenium	77-2	2064	2057	2057	2059	0.19	cps
Selenium	78-2	6989	6961	6879	6943	0.82	cps
Selenium	82-1	64223	64428	63610	64087	0.66	cps
Silicon	28-1	18328636	18637833	18667842	18544770	1.01	cps
Silver	107-1	3386352	3426387	3499399	3437379	1.67	cps
Silver	109-1	3299453	3356408	3374772	3343544	1.17	cps
Sodium	23-2	78260973	78168283	75849987	77426414	1.76	cps
Strontium	86-1	25696951	25373640	25650434	25573675	0.68	cps
Strontium	88-1	223677722	219492538	215067121	219412460	1.96	cps
Sulfur	34-1	901244	902523	892150	898639	0.63	cps
Terbium	159-1	9188337	9415011	9079833	9227727	1.85	cps
Terbium	159-2	3893221	3858275	4111036	3954178	3.46	cps
Thallium	203-1	2620145	2616603	2594601	2610450	0.53	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:45:21	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	6189068	6224973	6114846	6176296	0.91	cps
Tin	118-1	2505399	2545301	2442862	2497854	2.07	cps
Titanium	47-1	5188724	5059832	5174082	5140879	1.37	cps
Uranium	238-1	8737274	8513069	8574541	8608295	1.35	cps
Vanadium	51-2	729463	714559	702732	715584	1.87	cps
Ytterbium	172-1	92	92	117	100	14.43	cps
Ytterbium	172-2	61	33	22	39	51.51	cps
Ytterbium	176-1	7986	7469	7452	7636	3.97	cps
Ytterbium	176-2	10087	10199	10449	10245	1.81	cps
Yttrium	89-1	12807851	13049556	13356556	13071321	2.10	cps
Yttrium	89-2	1535273	1531061	1595771	1554035	2.33	cps
Zinc	66-2	1280239	1254771	1243634	1259548	1.49	cps
Zirconium	90-1	5445816	5548744	5784216	5592925	3.10	cps
Zirconium	91-1	1206035	1229357	1261566	1232319	2.26	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:48:17	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119	141	136	132	8.94	cps
Antimony	121-1	608	1025	1700	1111	49.58	cps
Arsenic	75-2	16	7	11	11	39.79	cps
Barium	135-1	50	67	50	56	17.32	cps
Barium	137-1	92	100	92	94	5.09	cps
Beryllium	9-1	217	207	210	212	2.46	cps
Bismuth	209-1	5735737	5879136	5751119	5788664	1.36	cps
Bismuth	209-2	2651830	2719501	2882652	2751328	4.31	cps
Boron	10-1	27292	24564	22921	24926	8.86	cps
Boron	11-1	118822	112115	102978	111305	7.15	cps
Bromine	81-1	61762	64324	63571	63219	2.08	cps
Cadmium	111-1	3469	3330	3369	3390	2.11	cps
Cadmium	106-1	4876	4726	4776	4793	1.59	cps
Cadmium	108-1	33	46	46	42	17.32	cps
Calcium	43-1	327	300	404	344	15.64	cps
Calcium	44-1	12500	11830	14657	12996	11.37	cps
Carbon	12-1	4025964	3963655	3923203	3970941	1.30	cps
Carbon	12-2	44067	44577	43766	44136	0.93	cps
Chlorine	35-1	1058923	1034528	1031491	1041647	1.44	cps
Chlorine	35-2	7469	7527	7552	7516	0.57	cps
Chromium	52-2	783	647	630	687	12.25	cps
Cobalt	59-2	47	30	33	37	24.06	cps
Copper	63-2	1530	1573	1560	1555	1.43	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	25	58	44	39.03	cps
Erbium	164-2	27	10	10	16	61.87	cps
Gadolinium	160-1	92	117	108	106	12.06	cps
Gadolinium	160-2	87	87	123	99	21.40	cps
Gold	197-1	8	8	8	8	0.00	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9461572	9013663	9513701	9329645	2.95	cps
Holmium	165-2	3740538	3810397	3940105	3830347	2.64	cps
Indium	115-1	7838733	7687790	7922366	7816296	1.52	cps
Indium	115-2	1111987	1127574	1174794	1138118	2.87	cps
Iron	56-2	4718	4790	5095	4868	4.12	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:48:17	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	189	144	261	198	29.72	cps
Iron	54-2	928	883	967	926	4.50	cps
Krypton	83-1	311	301	347	320	7.60	cps
Lead	206-1	889	945	895	909	3.37	cps
Lead	207-1	689	861	806	785	11.20	cps
Lead	208-1	3706	3834	3639	3726	2.65	cps
Lithium	6-1	5367720	5341293	5553937	5420983	2.14	cps
Magnesium	24-2	342	325	342	336	2.86	cps
Manganese	55-2	110	83	147	113	28.06	cps
Molybdenum	94-1	2409	2192	2075	2225	7.60	cps
Molybdenum	95-1	3726	3117	3025	3289	11.57	cps
Molybdenum	96-1	3726	3501	3359	3528	5.24	cps
Molybdenum	97-1	1984	1859	1759	1867	6.04	cps
Molybdenum	98-1	5226	4826	5034	5029	3.98	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	70	63	67	67	5.00	cps
Phosphorus	31-2	258	275	275	269	3.57	cps
Potassium	39-2	25765	26116	25473	25785	1.25	cps
Rhodium	103-1	7457345	7518636	7773746	7583242	2.21	cps
Rhodium	103-2	3125231	3250341	3302884	3226152	2.83	cps
Scandium	45-1	5857246	5966352	6111597	5978399	2.13	cps
Scandium	45-2	187664	193046	201523	194078	3.60	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	73	65	73	70	6.57	cps
Selenium	82-1	21	80	110	70	64.12	cps
Silicon	28-1	828203	813386	811489	817692	1.12	cps
Silver	107-1	942	758	758	819	12.92	cps
Silver	109-1	583	708	775	689	14.13	cps
Sodium	23-2	53014	50915	50480	51469	2.63	cps
Strontium	86-1	708	800	1300	936	34.04	cps
Strontium	88-1	2367	1492	4829	2896	59.75	cps
Sulfur	34-1	355793	363541	358442	359259	1.10	cps
Terbium	159-1	9408756	9452074	9155101	9338643	1.72	cps
Terbium	159-2	3718455	3704513	3879535	3767501	2.58	cps
Thallium	203-1	867	858	833	853	2.03	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:48:17	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2142	2275	1817	2078	11.35	cps
Tin	118-1	1350	1317	1383	1350	2.47	cps
Titanium	47-1	300	275	467	347	30.01	cps
Uranium	238-1	200	58	100	119	60.95	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Ytterbium	172-1	50	50	75	58	24.74	cps
Ytterbium	172-2	17	33	6	19	75.47	cps
Ytterbium	176-1	1850	1508	1492	1617	12.51	cps
Ytterbium	176-2	7058	7102	7391	7184	2.52	cps
Yttrium	89-1	13678951	13472376	13415617	13522314	1.02	cps
Yttrium	89-2	1450546	1461811	1503013	1471790	1.88	cps
Zinc	66-2	230	273	250	251	8.64	cps
Zirconium	90-1	683	483	842	669	26.82	cps
Zirconium	91-1	108	50	192	117	61.03	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-10	Instrumnet Name :	P8
Client Sample ID :	MW-14B-43-48-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:56:07	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1514	1381	1267	1387	8.88	cps
Antimony	121-1	458	658	658	592	19.52	cps
Arsenic	75-2	67	53	46	55	19.33	cps
Barium	135-1	585499	577669	569646	577605	1.37	cps
Barium	137-1	1000872	1023693	992468	1005678	1.61	cps
Beryllium	9-1	6597	6576	6538	6570	0.45	cps
Bismuth	209-1	5570057	5367654	5332923	5423545	2.36	cps
Bismuth	209-2	2307277	2567163	2667424	2513955	7.39	cps
Boron	10-1	19113	19017	19811	19314	2.25	cps
Boron	11-1	85614	86529	88086	86743	1.44	cps
Bromine	81-1	123774	130788	139654	131405	6.06	cps
Cadmium	111-1	25454	25323	24912	25230	1.12	cps
Cadmium	106-1	6794	6702	6668	6721	0.96	cps
Cadmium	108-1	1575	1342	1604	1507	9.55	cps
Calcium	43-1	795462	797557	812492	801837	1.16	cps
Calcium	44-1	12581333	12559051	12819210	12653198	1.14	cps
Carbon	12-1	6440144	6967595	7422985	6943575	7.08	cps
Carbon	12-2	92994	94402	95569	94322	1.37	cps
Chlorine	35-1	7408846	8258876	9304646	8324123	11.41	cps
Chlorine	35-2	85796	86199	89845	87280	2.56	cps
Chromium	52-2	10621	10334	10587	10514	1.49	cps
Cobalt	59-2	63461	62316	63591	63123	1.11	cps
Copper	63-2	19280	19046	19166	19164	0.61	cps
Dysprosium	156-1	4776	4601	4626	4668	2.03	cps
Dysprosium	156-2	1880	1813	1937	1877	3.29	cps
Erbium	164-1	2892	2992	2992	2959	1.95	cps
Erbium	164-2	1240	1303	1283	1276	2.54	cps
Gadolinium	160-1	4317	4476	4292	4362	2.28	cps
Gadolinium	160-2	2057	1947	2020	2008	2.79	cps
Gold	197-1	0	17	0	6	173.21	cps
Gold	197-2	0	0	6	2	173.21	cps
Holmium	165-1	9546530	9032456	9249184	9276057	2.78	cps
Holmium	165-2	3501995	3890546	3945369	3779303	6.40	cps
Indium	115-1	7816955	7605933	7666814	7696568	1.41	cps
Indium	115-2	993240	1104637	1167754	1088544	8.12	cps
Iron	56-2	116461	116198	113718	115459	1.31	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-10	Instrumnet Name :	P8
Client Sample ID :	MW-14B-43-48-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:56:07	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4951	4862	4890	4901	0.93	cps
Iron	54-2	7308	7285	7585	7393	2.26	cps
Krypton	83-1	372	350	377	367	4.00	cps
Lead	206-1	34853	37243	36084	36060	3.31	cps
Lead	207-1	28810	31828	30988	30542	5.10	cps
Lead	208-1	139172	145290	144587	143016	2.34	cps
Lithium	6-1	5443665	5428986	5498577	5457076	0.67	cps
Magnesium	24-2	1964157	1927746	1947552	1946485	0.94	cps
Manganese	55-2	358108	359021	354086	357072	0.74	cps
Molybdenum	94-1	1050	1033	1017	1033	1.61	cps
Molybdenum	95-1	1642	1650	1625	1639	0.78	cps
Molybdenum	96-1	1450	1683	1567	1567	7.45	cps
Molybdenum	97-1	867	800	808	825	4.40	cps
Molybdenum	98-1	2125	2109	2134	2122	0.60	cps
Neodymium	150-1	6322	6195	5528	6015	7.09	cps
Neodymium	150-2	2057	1900	1813	1923	6.41	cps
Nickel	60-2	30650	30045	30730	30475	1.23	cps
Phosphorus	31-2	283	283	283	283	0.00	cps
Potassium	39-2	2126851	2064398	2046930	2079393	2.02	cps
Rhodium	103-1	7398022	7272478	7227908	7299469	1.21	cps
Rhodium	103-2	2825583	2989742	3307785	3041037	8.06	cps
Scandium	45-1	6021073	5735032	6045494	5933866	2.91	cps
Scandium	45-2	185098	193799	205806	194901	5.33	cps
Selenium	77-2	27	10	7	14	74.18	cps
Selenium	78-2	96	94	72	87	15.25	cps
Selenium	82-1	71	55	45	57	23.20	cps
Silicon	28-1	41039643	42206307	42255937	41833962	1.65	cps
Silver	107-1	267	208	183	219	19.49	cps
Silver	109-1	117	133	142	131	9.75	cps
Sodium	23-2	73418372	72879764	73377475	73225204	0.41	cps
Strontium	86-1	1051004	1044159	1056664	1050609	0.60	cps
Strontium	88-1	8914989	9047503	8965066	8975852	0.75	cps
Sulfur	34-1	525863	521016	512260	519713	1.33	cps
Terbium	159-1	9776790	9404567	9380523	9520627	2.33	cps
Terbium	159-2	3434489	3654384	3821578	3636817	5.34	cps
Thallium	203-1	2242	2625	2084	2317	12.02	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-10	Instrumnet Name :	P8
Client Sample ID :	MW-14B-43-48-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:56:07	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	5560	5901	5701	5721	3.00	cps
Tin	118-1	3876	3626	4084	3862	5.94	cps
Titanium	47-1	1717	1683	1950	1783	8.15	cps
Uranium	238-1	1750	1859	1825	1811	3.06	cps
Vanadium	51-2	177	117	197	163	25.49	cps
Ytterbium	172-1	592	733	717	681	11.38	cps
Ytterbium	172-2	322	306	228	285	17.68	cps
Ytterbium	176-1	1617	1984	1892	1831	10.42	cps
Ytterbium	176-2	6807	7235	8503	7515	11.73	cps
Yttrium	89-1	13850197	12923638	13303498	13359111	3.49	cps
Yttrium	89-2	1330337	1449323	1534451	1438037	7.13	cps
Zinc	66-2	380784	368743	366543	372023	2.06	cps
Zirconium	90-1	717	742	833	764	8.04	cps
Zirconium	91-1	150	133	217	167	26.46	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-17	Instrumnet Name :	P8
Client Sample ID :	MW-04-7-17-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:59:14	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1822	1700	1716	1746	3.81	cps
Antimony	121-1	342	450	467	419	16.18	cps
Arsenic	75-2	51	29	42	41	27.21	cps
Barium	135-1	253264	253154	252223	252880	0.23	cps
Barium	137-1	430926	450151	441369	440815	2.18	cps
Beryllium	9-1	237	234	259	243	5.54	cps
Bismuth	209-1	5239206	5469227	4951959	5220131	4.96	cps
Bismuth	209-2	2696912	2713075	2701387	2703791	0.31	cps
Boron	10-1	35153	36588	36323	36021	2.12	cps
Boron	11-1	159018	165910	167008	163979	2.64	cps
Bromine	81-1	103910	112596	110294	108933	4.13	cps
Cadmium	111-1	3488	3284	3134	3302	5.38	cps
Cadmium	106-1	4676	4334	4117	4376	6.43	cps
Cadmium	108-1	21	29	33	28	22.92	cps
Calcium	43-1	677331	688879	661673	675961	2.02	cps
Calcium	44-1	11037005	11117599	10847681	11000762	1.26	cps
Carbon	12-1	6875759	7560308	7922535	7452867	7.13	cps
Carbon	12-2	91836	92272	94772	92960	1.70	cps
Chlorine	35-1	7516849	7945872	8324242	7928988	5.09	cps
Chlorine	35-2	70615	71251	71996	71287	0.97	cps
Chromium	52-2	1580	1647	1447	1558	6.54	cps
Cobalt	59-2	1793	1780	1720	1765	2.21	cps
Copper	63-2	2764	2787	2667	2739	2.32	cps
Dysprosium	156-1	2259	2384	2500	2381	5.08	cps
Dysprosium	156-2	1067	1070	1087	1075	1.00	cps
Erbium	164-1	2409	2525	2434	2456	2.50	cps
Erbium	164-2	873	990	943	936	6.28	cps
Gadolinium	160-1	2650	2684	2809	2714	3.08	cps
Gadolinium	160-2	1283	1283	1280	1282	0.15	cps
Gold	197-1	0	17	8	8	100.02	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	8702317	9219394	8396869	8772860	4.74	cps
Holmium	165-2	4051249	4094694	3832582	3992841	3.52	cps
Indium	115-1	7254096	7268024	6615930	7046017	5.29	cps
Indium	115-2	1155142	1150677	1164798	1156872	0.62	cps
Iron	56-2	46538	44893	46493	45975	2.04	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-17	Instrumnet Name :	P8
Client Sample ID :	MW-04-7-17-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:59:14	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	2717	2584	2606	2635	2.71	cps
Iron	54-2	3284	3061	2917	3087	5.98	cps
Krypton	83-1	340	360	352	351	2.88	cps
Lead	206-1	14742	15471	14870	15028	2.59	cps
Lead	207-1	13035	12907	12517	12820	2.10	cps
Lead	208-1	59867	60947	58096	59637	2.41	cps
Lithium	6-1	5113968	5106946	4870733	5030549	2.75	cps
Magnesium	24-2	1443403	1464089	1459433	1455642	0.75	cps
Manganese	55-2	9877	9577	9877	9777	1.77	cps
Molybdenum	94-1	808	917	1017	914	11.40	cps
Molybdenum	95-1	875	783	850	836	5.67	cps
Molybdenum	96-1	1250	1008	1225	1161	11.45	cps
Molybdenum	97-1	500	600	442	514	15.58	cps
Molybdenum	98-1	1442	1333	1325	1367	4.76	cps
Neodymium	150-1	4141	4401	4267	4270	3.05	cps
Neodymium	150-2	1333	1340	1293	1322	1.91	cps
Nickel	60-2	1320	1157	1100	1192	9.58	cps
Phosphorus	31-2	392	308	258	319	21.09	cps
Potassium	39-2	833483	840883	834830	836399	0.47	cps
Rhodium	103-1	7216971	7166172	6634574	7005906	4.60	cps
Rhodium	103-2	3175114	3197010	3288900	3220341	1.87	cps
Scandium	45-1	5846496	5798567	5139455	5594839	7.06	cps
Scandium	45-2	202272	202019	204074	202788	0.55	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	90	94	103	96	6.96	cps
Selenium	82-1	134	76	106	105	27.28	cps
Silicon	28-1	14164342	14277683	13874348	14105458	1.47	cps
Silver	107-1	225	208	217	217	3.85	cps
Silver	109-1	150	158	142	150	5.56	cps
Sodium	23-2	54295569	52578994	52519226	53131263	1.90	cps
Strontium	86-1	379729	378397	375066	377730	0.64	cps
Strontium	88-1	3276474	3340997	3265561	3294344	1.24	cps
Sulfur	34-1	1018946	1016230	1011968	1015714	0.35	cps
Terbium	159-1	8818090	9222499	8545886	8862158	3.84	cps
Terbium	159-2	4003954	3974464	3699403	3892607	4.32	cps
Thallium	203-1	567	650	650	622	7.73	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-17	Instrumnet Name :	P8
Client Sample ID :	MW-04-7-17-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 15:59:14	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1608	1417	1517	1514	6.33	cps
Tin	118-1	1667	1625	1475	1589	6.34	cps
Titanium	47-1	1133	992	1025	1050	7.05	cps
Uranium	238-1	283	358	192	278	30.05	cps
Vanadium	51-2	303	320	330	318	4.24	cps
Ytterbium	172-1	1358	1617	1475	1483	8.72	cps
Ytterbium	172-2	717	611	661	663	7.96	cps
Ytterbium	176-1	2334	2534	2167	2345	7.83	cps
Ytterbium	176-2	7341	7897	7880	7706	4.10	cps
Yttrium	89-1	13199191	13068305	11802724	12690074	6.08	cps
Yttrium	89-2	1536642	1495100	1512584	1514775	1.38	cps
Zinc	66-2	3774	3854	3784	3804	1.15	cps
Zirconium	90-1	1108	1308	1158	1192	8.73	cps
Zirconium	91-1	275	242	250	256	6.79	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-18	Instrumnet Name :	P8
Client Sample ID :	MW-04-7-17-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:02:18	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	649	672	642	655	2.42	cps
Antimony	121-1	233	292	375	300	23.73	cps
Arsenic	75-2	26	32	29	29	10.34	cps
Barium	135-1	255436	255132	251469	254012	0.87	cps
Barium	137-1	437569	436462	431172	435067	0.79	cps
Beryllium	9-1	216	221	225	221	1.99	cps
Bismuth	209-1	4982527	5137242	5029004	5049591	1.57	cps
Bismuth	209-2	2917305	3013497	2892528	2941110	2.17	cps
Boron	10-1	35179	35909	36566	35884	1.93	cps
Boron	11-1	161610	164974	166988	164524	1.65	cps
Bromine	81-1	111012	107482	108558	109018	1.66	cps
Cadmium	111-1	3388	3489	3099	3325	6.08	cps
Cadmium	106-1	4509	4709	4151	4456	6.35	cps
Cadmium	108-1	21	17	21	19	12.35	cps
Calcium	43-1	664773	664665	662143	663860	0.22	cps
Calcium	44-1	10301669	10653521	10526769	10493986	1.70	cps
Carbon	12-1	7615344	8335285	8613363	8187997	6.29	cps
Carbon	12-2	101810	103187	104018	103005	1.08	cps
Chlorine	35-1	7559101	8178053	8501152	8079435	5.92	cps
Chlorine	35-2	71335	72147	74483	72655	2.25	cps
Chromium	52-2	3487	3684	3707	3626	3.33	cps
Cobalt	59-2	837	693	820	783	10.01	cps
Copper	63-2	20966	21072	19881	20640	3.19	cps
Dysprosium	156-1	1575	1834	1525	1645	10.06	cps
Dysprosium	156-2	737	777	753	756	2.66	cps
Erbium	164-1	1667	1717	1692	1692	1.48	cps
Erbium	164-2	683	657	643	661	3.08	cps
Gadolinium	160-1	1892	1533	1825	1750	10.89	cps
Gadolinium	160-2	943	843	957	914	6.77	cps
Gold	197-1	25	0	8	11	114.58	cps
Gold	197-2	0	0	6	2	173.21	cps
Holmium	165-1	8489243	8489406	8326851	8435167	1.11	cps
Holmium	165-2	4234228	4453542	4151512	4279761	3.65	cps
Indium	115-1	6652057	7148578	6836166	6878934	3.65	cps
Indium	115-2	1285425	1298037	1237771	1273744	2.50	cps
Iron	56-2	49852	48421	46693	48322	3.27	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-18	Instrumnet Name :	P8
Client Sample ID :	MW-04-7-17-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:02:18	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	2528	2523	2684	2578	3.55	cps
Iron	54-2	3500	3595	3289	3462	4.52	cps
Krypton	83-1	346	324	344	338	3.65	cps
Lead	206-1	9782	9915	10037	9911	1.29	cps
Lead	207-1	8453	9114	8664	8744	3.86	cps
Lead	208-1	38662	40448	39713	39608	2.27	cps
Lithium	6-1	5045212	5129577	5055259	5076683	0.91	cps
Magnesium	24-2	1452011	1425989	1439256	1439085	0.90	cps
Manganese	55-2	3691	3697	3434	3607	4.16	cps
Molybdenum	94-1	558	533	458	517	10.07	cps
Molybdenum	95-1	558	425	642	542	20.18	cps
Molybdenum	96-1	525	642	550	572	10.73	cps
Molybdenum	97-1	383	233	292	303	24.97	cps
Molybdenum	98-1	825	717	733	758	7.69	cps
Neodymium	150-1	3054	3207	3307	3189	4.00	cps
Neodymium	150-2	1010	1017	843	957	10.27	cps
Nickel	60-2	2527	2450	2407	2461	2.47	cps
Phosphorus	31-2	275	275	200	250	17.32	cps
Potassium	39-2	842743	825343	828654	832247	1.11	cps
Rhodium	103-1	6729053	6785227	6606436	6706905	1.36	cps
Rhodium	103-2	3598962	3635543	3513391	3582632	1.75	cps
Scandium	45-1	5452570	5407322	5523403	5461098	1.07	cps
Scandium	45-2	224383	231701	220472	225519	2.53	cps
Selenium	77-2	13	3	10	9	57.30	cps
Selenium	78-2	77	87	84	83	6.21	cps
Selenium	82-1	95	150	146	130	23.56	cps
Silicon	28-1	13882786	14163014	13902220	13982673	1.12	cps
Silver	107-1	175	175	133	161	14.93	cps
Silver	109-1	142	142	133	139	3.46	cps
Sodium	23-2	53634185	53525543	52421640	53193789	1.26	cps
Strontium	86-1	361518	373359	370171	368349	1.66	cps
Strontium	88-1	3107820	3212361	3201761	3173981	1.81	cps
Sulfur	34-1	882141	1014052	1005788	967327	7.64	cps
Terbium	159-1	8469929	9017384	8692523	8726612	3.15	cps
Terbium	159-2	4259543	4347465	4145252	4250753	2.39	cps
Thallium	203-1	650	658	583	631	6.52	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-18	Instrumnet Name :	P8
Client Sample ID :	MW-04-7-17-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:02:18	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1467	1383	1325	1392	5.12	cps
Tin	118-1	1375	1467	1500	1447	4.47	cps
Titanium	47-1	917	1117	1025	1020	9.82	cps
Uranium	238-1	192	142	158	164	15.54	cps
Vanadium	51-2	243	257	303	268	11.77	cps
Ytterbium	172-1	1350	1358	1267	1325	3.83	cps
Ytterbium	172-2	578	617	456	550	15.29	cps
Ytterbium	176-1	1775	2242	2200	2072	12.46	cps
Ytterbium	176-2	8130	8553	8614	8432	3.12	cps
Yttrium	89-1	12236202	12416708	12106731	12253213	1.27	cps
Yttrium	89-2	1706175	1702584	1669949	1692903	1.18	cps
Zinc	66-2	4241	4054	4147	4147	2.25	cps
Zirconium	90-1	700	767	925	797	14.50	cps
Zirconium	91-1	108	142	150	133	16.53	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-20	Instrumnet Name :	P8
Client Sample ID :	BR-02-133-143-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:05:25	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11394	11454	11356	11401	0.44	cps
Antimony	121-1	1258	1308	1200	1256	4.32	cps
Arsenic	75-2	89	95	87	90	4.61	cps
Barium	135-1	175074	182427	178851	178784	2.06	cps
Barium	137-1	312644	318148	308179	312990	1.60	cps
Beryllium	9-1	151	154	144	150	3.48	cps
Bismuth	209-1	5315391	5562513	5360403	5412769	2.43	cps
Bismuth	209-2	2674071	2783524	2806566	2754721	2.57	cps
Boron	10-1	17983	18154	18324	18154	0.94	cps
Boron	11-1	79433	83185	81172	81264	2.31	cps
Bromine	81-1	83565	82065	85450	83693	2.03	cps
Cadmium	111-1	3377	3263	3095	3245	4.38	cps
Cadmium	106-1	4809	4643	4401	4618	4.45	cps
Cadmium	108-1	8	29	33	24	56.74	cps
Calcium	43-1	434384	441886	429738	435336	1.41	cps
Calcium	44-1	7082468	7165460	6850640	7032856	2.32	cps
Carbon	12-1	7104048	7965305	8380218	7816524	8.33	cps
Carbon	12-2	101668	100863	101181	101237	0.40	cps
Chlorine	35-1	3224495	3080718	2949164	3084792	4.46	cps
Chlorine	35-2	21725	21792	20223	21247	4.18	cps
Chromium	52-2	3247	3257	3120	3208	2.38	cps
Cobalt	59-2	1063	917	1010	997	7.45	cps
Copper	63-2	4051	3917	3761	3909	3.71	cps
Dysprosium	156-1	583	625	592	600	3.68	cps
Dysprosium	156-2	250	257	220	242	8.06	cps
Erbium	164-1	733	392	542	556	30.83	cps
Erbium	164-2	230	207	217	218	5.37	cps
Gadolinium	160-1	625	650	600	625	4.00	cps
Gadolinium	160-2	347	330	400	359	10.19	cps
Gold	197-1	0	0	8	3	173.21	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	8312634	9011167	8746398	8690066	4.06	cps
Holmium	165-2	3743345	3909516	4013086	3888649	3.50	cps
Indium	115-1	6937937	7120990	7200488	7086472	1.90	cps
Indium	115-2	1130933	1163116	1207066	1167039	3.27	cps
Iron	56-2	3783036	3722156	3698773	3734655	1.16	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-20	Instrumnet Name :	P8
Client Sample ID :	BR-02-133-143-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:05:25	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	94462	91862	88491	91605	3.27	cps
Iron	54-2	198502	198177	194902	197194	1.01	cps
Krypton	83-1	337	336	311	328	4.51	cps
Lead	206-1	3678	3612	3778	3689	2.27	cps
Lead	207-1	3100	3128	3312	3180	3.61	cps
Lead	208-1	14654	14492	14448	14531	0.74	cps
Lithium	6-1	5080289	5215027	5058734	5118017	1.65	cps
Magnesium	24-2	575290	565646	558504	566480	1.49	cps
Manganese	55-2	127983	125746	124334	126021	1.46	cps
Molybdenum	94-1	1217	1250	1158	1208	3.84	cps
Molybdenum	95-1	1267	1158	1275	1233	5.28	cps
Molybdenum	96-1	1492	1500	1683	1558	6.95	cps
Molybdenum	97-1	758	742	833	778	6.28	cps
Molybdenum	98-1	2034	1825	1817	1892	6.49	cps
Neodymium	150-1	780	713	807	767	6.27	cps
Neodymium	150-2	207	257	283	249	15.64	cps
Nickel	60-2	543	533	497	524	4.69	cps
Phosphorus	31-2	1317	1342	1008	1222	15.19	cps
Potassium	39-2	890416	888334	890868	889873	0.15	cps
Rhodium	103-1	7085864	7110118	6902110	7032697	1.62	cps
Rhodium	103-2	3229093	3224437	3300084	3251204	1.30	cps
Scandium	45-1	5456246	5661448	5757684	5625126	2.74	cps
Scandium	45-2	202635	197421	202551	200869	1.49	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	83	82	89	85	4.47	cps
Selenium	82-1	41	55	80	59	33.43	cps
Silicon	28-1	59176810	60171935	58352101	59233615	1.54	cps
Silver	107-1	192	208	158	186	13.68	cps
Silver	109-1	117	175	92	128	33.47	cps
Sodium	23-2	2206038	2107967	2128342	2147449	2.41	cps
Strontium	86-1	440703	450955	439223	443627	1.44	cps
Strontium	88-1	3889015	3896033	3885958	3890335	0.13	cps
Sulfur	34-1	492290	491915	486460	490222	0.67	cps
Terbium	159-1	8775080	9087358	9052888	8971775	1.91	cps
Terbium	159-2	3697396	3733127	3879371	3769964	2.56	cps
Thallium	203-1	483	325	408	406	19.53	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-20	Instrumnet Name :	P8
Client Sample ID :	BR-02-133-143-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:05:25	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	767	950	958	892	12.15	cps
Tin	118-1	2192	2642	2434	2423	9.30	cps
Titanium	47-1	10162	9653	9970	9929	2.59	cps
Uranium	238-1	933	1050	925	970	7.21	cps
Vanadium	51-2	1183	1023	1180	1129	8.10	cps
Ytterbium	172-1	267	233	133	211	32.87	cps
Ytterbium	172-2	94	117	89	100	14.70	cps
Ytterbium	176-1	1608	1525	1583	1572	2.72	cps
Ytterbium	176-2	7413	7552	7591	7519	1.24	cps
Yttrium	89-1	12301562	13492343	12962732	12918879	4.62	cps
Yttrium	89-2	1461164	1495150	1525358	1493891	2.15	cps
Zinc	66-2	2634	2484	2494	2537	3.31	cps
Zirconium	90-1	1433	1350	1642	1475	10.19	cps
Zirconium	91-1	208	292	233	244	17.49	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-21	Instrumnet Name :	P8
Client Sample ID :	BR-02-133-143-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:08:30	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	664	676	666	669	0.99	cps
Antimony	121-1	1292	1233	1242	1256	2.51	cps
Arsenic	75-2	91	92	90	91	1.10	cps
Barium	135-1	171082	174287	171282	172217	1.04	cps
Barium	137-1	299457	303324	296391	299724	1.16	cps
Beryllium	9-1	89	109	105	101	10.54	cps
Bismuth	209-1	5343536	5165386	5501182	5336701	3.15	cps
Bismuth	209-2	2705802	2757416	2695900	2719706	1.21	cps
Boron	10-1	16498	16994	16634	16709	1.54	cps
Boron	11-1	73023	76183	73727	74311	2.23	cps
Bromine	81-1	86397	88217	90405	88340	2.27	cps
Cadmium	111-1	3044	2968	3350	3121	6.48	cps
Cadmium	106-1	4326	4234	4751	4437	6.21	cps
Cadmium	108-1	13	29	13	18	53.30	cps
Calcium	43-1	422133	429759	416635	422842	1.56	cps
Calcium	44-1	6958198	6989012	6478396	6808535	4.21	cps
Carbon	12-1	7477184	8211017	8434303	8040835	6.23	cps
Carbon	12-2	102019	100636	101886	101514	0.75	cps
Chlorine	35-1	2070363	2077277	2022159	2056600	1.46	cps
Chlorine	35-2	15333	15208	14816	15119	1.79	cps
Chromium	52-2	2220	2054	2177	2150	4.02	cps
Cobalt	59-2	290	310	287	296	4.27	cps
Copper	63-2	10104	10114	9927	10048	1.05	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	7	7	17	10	57.72	cps
Erbium	164-1	67	50	58	58	14.29	cps
Erbium	164-2	7	30	13	17	72.11	cps
Gadolinium	160-1	75	75	58	69	13.85	cps
Gadolinium	160-2	163	107	103	124	27.10	cps
Gold	197-1	17	0	17	11	86.60	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	8921614	8360928	8960250	8747597	3.83	cps
Holmium	165-2	3766934	3918198	3880737	3855289	2.04	cps
Indium	115-1	7361448	7151154	7381882	7298161	1.75	cps
Indium	115-2	1150459	1150067	1151054	1150527	0.04	cps
Iron	56-2	2276459	2183955	2172046	2210820	2.59	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-21	Instrumnet Name :	P8
Client Sample ID :	BR-02-133-143-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:08:30	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	55676	54739	54889	55101	0.91	cps
Iron	54-2	116796	116953	119071	117607	1.08	cps
Krypton	83-1	326	375	305	335	10.70	cps
Lead	206-1	1850	1911	1839	1867	2.08	cps
Lead	207-1	1450	1561	1550	1520	4.03	cps
Lead	208-1	6806	7245	7151	7068	3.27	cps
Lithium	6-1	5404477	4917319	5238012	5186603	4.77	cps
Magnesium	24-2	553002	551335	554903	553080	0.32	cps
Manganese	55-2	117384	115439	114812	115878	1.16	cps
Molybdenum	94-1	1936	942	975	1284	43.98	cps
Molybdenum	95-1	1092	1200	1283	1192	8.06	cps
Molybdenum	96-1	1458	1433	1308	1400	5.74	cps
Molybdenum	97-1	700	792	783	758	6.68	cps
Molybdenum	98-1	1950	2067	1884	1967	4.72	cps
Neodymium	150-1	40	33	47	40	16.68	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	747	773	730	750	2.91	cps
Phosphorus	31-2	883	1008	908	933	7.09	cps
Potassium	39-2	916403	906778	905752	909644	0.65	cps
Rhodium	103-1	7102998	7129664	7062587	7098416	0.48	cps
Rhodium	103-2	3298438	3201211	3213462	3237704	1.64	cps
Scandium	45-1	5794357	5337372	5665658	5599129	4.21	cps
Scandium	45-2	199601	198536	200310	199482	0.45	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	91	81	73	82	11.04	cps
Selenium	82-1	24	-45	10	-4	-970.11	cps
Silicon	28-1	57315441	58674593	57641449	57877161	1.23	cps
Silver	107-1	183	192	183	186	2.58	cps
Silver	109-1	125	92	92	103	18.72	cps
Sodium	23-2	2096686	2117976	2141157	2118606	1.05	cps
Strontium	86-1	427337	443626	437266	436076	1.88	cps
Strontium	88-1	3704321	3888686	3842587	3811864	2.52	cps
Sulfur	34-1	479705	483076	475649	479477	0.78	cps
Terbium	159-1	8999179	8702115	9149806	8950367	2.55	cps
Terbium	159-2	3831450	3833914	3778967	3814777	0.81	cps
Thallium	203-1	325	433	433	397	15.75	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-21	Instrumnet Name :	P8
Client Sample ID :	BR-02-133-143-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:08:30	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	883	858	758	833	7.94	cps
Tin	118-1	1425	1483	1350	1420	4.71	cps
Titanium	47-1	1633	1683	1375	1564	10.58	cps
Uranium	238-1	525	575	500	533	7.16	cps
Vanadium	51-2	70	133	87	97	33.96	cps
Ytterbium	172-1	58	17	42	39	53.92	cps
Ytterbium	172-2	33	33	39	35	9.12	cps
Ytterbium	176-1	1542	1308	1542	1464	9.20	cps
Ytterbium	176-2	6802	7680	7247	7243	6.06	cps
Yttrium	89-1	12621194	12412580	13417722	12817165	4.14	cps
Yttrium	89-2	1496968	1482825	1451425	1477073	1.58	cps
Zinc	66-2	1757	1633	1797	1729	4.92	cps
Zirconium	90-1	617	583	850	683	21.26	cps
Zirconium	91-1	58	108	192	119	56.39	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-01	Instrumnet Name :	P8
Client Sample ID :	MW-05-3-13-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:11:37	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10825	10269	10265	10453	3.09	cps
Antimony	121-1	183	167	167	172	5.59	cps
Arsenic	75-2	871	870	885	875	0.96	cps
Barium	135-1	141853	135147	136727	137909	2.54	cps
Barium	137-1	233481	236886	234234	234867	0.76	cps
Beryllium	9-1	165	166	160	164	2.02	cps
Bismuth	209-1	5613916	5352292	5294381	5420196	3.14	cps
Bismuth	209-2	2726972	2700480	2882357	2769936	3.55	cps
Boron	10-1	13536	13908	13938	13794	1.62	cps
Boron	11-1	60044	62359	61899	61434	2.00	cps
Bromine	81-1	86313	87471	88692	87492	1.36	cps
Cadmium	111-1	3399	3262	3503	3388	3.56	cps
Cadmium	106-1	4618	4409	4768	4598	3.92	cps
Cadmium	108-1	42	58	38	46	24.05	cps
Calcium	43-1	248775	245532	243307	245871	1.12	cps
Calcium	44-1	3927601	4054776	3984420	3988932	1.60	cps
Carbon	12-1	6946170	7520360	7707986	7391505	5.37	cps
Carbon	12-2	93858	94462	96332	94884	1.36	cps
Chlorine	35-1	1960295	2025635	2014322	2000084	1.75	cps
Chlorine	35-2	15567	15993	15058	15539	3.01	cps
Chromium	52-2	2020	1980	1933	1978	2.19	cps
Cobalt	59-2	3444	3340	3400	3395	1.53	cps
Copper	63-2	3490	3367	3591	3483	3.21	cps
Dysprosium	156-1	725	775	858	786	8.57	cps
Dysprosium	156-2	323	340	347	337	3.57	cps
Erbium	164-1	692	700	583	658	9.89	cps
Erbium	164-2	337	293	280	303	9.77	cps
Gadolinium	160-1	850	833	808	831	2.53	cps
Gadolinium	160-2	443	467	397	436	8.18	cps
Gold	197-1	8	0	0	3	173.21	cps
Gold	197-2	0	0	6	2	173.21	cps
Holmium	165-1	9221890	8334357	8626367	8727538	5.18	cps
Holmium	165-2	3963305	3832471	3945203	3913660	1.81	cps
Indium	115-1	7211726	7091681	7150702	7151370	0.84	cps
Indium	115-2	1165057	1156401	1161819	1161092	0.38	cps
Iron	56-2	15091993	14906004	14539692	14845896	1.89	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-01	Instrumnet Name :	P8
Client Sample ID :	MW-05-3-13-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:11:37	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	368328	366946	356935	364070	1.71	cps
Iron	54-2	823163	811255	794324	809581	1.79	cps
Krypton	83-1	385	321	345	350	9.20	cps
Lead	206-1	9470	10015	9709	9732	2.81	cps
Lead	207-1	8186	7997	7419	7867	5.08	cps
Lead	208-1	37188	38290	36504	37327	2.41	cps
Lithium	6-1	5172834	4966846	5093853	5077844	2.05	cps
Magnesium	24-2	666958	673229	669524	669903	0.47	cps
Manganese	55-2	171037	168511	164641	168063	1.92	cps
Molybdenum	94-1	1425	1592	1367	1461	7.99	cps
Molybdenum	95-1	625	650	558	611	7.75	cps
Molybdenum	96-1	1492	1558	1650	1567	5.07	cps
Molybdenum	97-1	350	292	392	344	14.58	cps
Molybdenum	98-1	908	1117	1050	1025	10.38	cps
Neodymium	150-1	1922	1233	1360	1505	24.34	cps
Neodymium	150-2	383	357	353	364	4.51	cps
Nickel	60-2	1077	1097	1017	1063	3.92	cps
Phosphorus	31-2	325	333	342	333	2.50	cps
Potassium	39-2	548757	528017	526114	534296	2.35	cps
Rhodium	103-1	7178718	6853621	6967167	6999835	2.36	cps
Rhodium	103-2	3344488	3277680	3241905	3288024	1.58	cps
Scandium	45-1	5488148	5576875	5805500	5623507	2.91	cps
Scandium	45-2	205169	205130	202914	204404	0.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	80	81	94	85	9.19	cps
Selenium	82-1	-10	59	41	30	119.10	cps
Silicon	28-1	35467879	36066071	34582740	35372230	2.11	cps
Silver	107-1	175	142	183	167	13.23	cps
Silver	109-1	100	58	117	92	32.78	cps
Sodium	23-2	1858047	1816892	1844067	1839669	1.14	cps
Strontium	86-1	268200	273596	263857	268551	1.82	cps
Strontium	88-1	2400285	2379216	2260146	2346549	3.22	cps
Sulfur	34-1	374662	380564	382454	379227	1.07	cps
Terbium	159-1	9356607	8451506	9010802	8939638	5.11	cps
Terbium	159-2	3957475	3866524	3937036	3920345	1.22	cps
Thallium	203-1	442	392	383	406	7.78	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-01	Instrumnet Name :	P8
Client Sample ID :	MW-05-3-13-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:11:37	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	983	1100	908	997	9.68	cps
Tin	118-1	1500	1475	1533	1503	1.95	cps
Titanium	47-1	2284	3051	2600	2645	14.57	cps
Uranium	238-1	1367	1458	1433	1420	3.34	cps
Vanadium	51-2	1477	1387	1357	1407	4.44	cps
Ytterbium	172-1	192	225	292	236	21.57	cps
Ytterbium	172-2	100	117	150	122	20.83	cps
Ytterbium	176-1	1750	1725	1750	1742	0.83	cps
Ytterbium	176-2	7386	7191	7324	7300	1.36	cps
Yttrium	89-1	12957929	12300707	12729382	12662673	2.63	cps
Yttrium	89-2	1493504	1496311	1538569	1509461	1.67	cps
Zinc	66-2	4047	4187	3977	4071	2.63	cps
Zirconium	90-1	3142	3859	3601	3534	10.28	cps
Zirconium	91-1	950	592	717	753	24.16	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-02	Instrumnet Name :	P8
Client Sample ID :	MW-05-3-13-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:14:42	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	399	357	395	384	5.94	cps
Antimony	121-1	142	100	150	131	20.52	cps
Arsenic	75-2	888	878	862	876	1.50	cps
Barium	135-1	131296	129276	131950	130841	1.07	cps
Barium	137-1	224347	228185	225462	225998	0.87	cps
Beryllium	9-1	132	116	127	125	6.63	cps
Bismuth	209-1	4982898	5073136	5353484	5136506	3.76	cps
Bismuth	209-2	2850129	2813111	2741460	2801566	1.97	cps
Boron	10-1	12713	12957	13149	12940	1.69	cps
Boron	11-1	56306	58932	59008	58082	2.65	cps
Bromine	81-1	88973	95824	96027	93608	4.29	cps
Cadmium	111-1	3144	3055	2936	3045	3.41	cps
Cadmium	106-1	4493	4326	4167	4329	3.76	cps
Cadmium	108-1	38	21	8	22	65.86	cps
Calcium	43-1	237771	244023	237390	239728	1.55	cps
Calcium	44-1	3834230	3911229	3899961	3881807	1.07	cps
Carbon	12-1	7386877	8103499	8361884	7950753	6.35	cps
Carbon	12-2	98412	97992	99478	98627	0.78	cps
Chlorine	35-1	1738046	1786541	1819416	1781334	2.30	cps
Chlorine	35-2	14316	13932	14057	14102	1.39	cps
Chromium	52-2	1217	1110	1237	1188	5.73	cps
Cobalt	59-2	3514	3464	3214	3397	4.73	cps
Copper	63-2	1990	2057	2117	2055	3.08	cps
Dysprosium	156-1	83	125	150	119	28.19	cps
Dysprosium	156-2	57	43	63	54	18.71	cps
Erbium	164-1	67	100	158	108	42.83	cps
Erbium	164-2	63	43	57	54	18.71	cps
Gadolinium	160-1	225	158	208	197	17.59	cps
Gadolinium	160-2	83	190	147	140	38.31	cps
Gold	197-1	0	0	17	6	173.21	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	7754643	8018598	8791129	8188123	6.58	cps
Holmium	165-2	4178943	3880072	3858701	3972572	4.51	cps
Indium	115-1	6601846	6856703	7170064	6876204	4.14	cps
Indium	115-2	1206092	1183586	1177303	1188994	1.27	cps
Iron	56-2	14567420	14207239	14366127	14380262	1.26	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-02	Instrumnet Name :	P8
Client Sample ID :	MW-05-3-13-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:14:42	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	351310	347328	343686	347442	1.10	cps
Iron	54-2	783904	755127	759304	766111	2.03	cps
Krypton	83-1	332	306	347	329	6.35	cps
Lead	206-1	1300	1317	1317	1311	0.73	cps
Lead	207-1	1028	1139	1111	1093	5.29	cps
Lead	208-1	4845	4906	4939	4897	0.98	cps
Lithium	6-1	4746763	4758949	5102178	4869297	4.14	cps
Magnesium	24-2	644904	647579	645450	645978	0.22	cps
Manganese	55-2	167136	162310	161724	163724	1.81	cps
Molybdenum	94-1	683	617	825	708	15.02	cps
Molybdenum	95-1	992	1183	1125	1100	8.93	cps
Molybdenum	96-1	1725	1700	1817	1747	3.52	cps
Molybdenum	97-1	708	875	550	711	22.85	cps
Molybdenum	98-1	1567	1784	1642	1664	6.61	cps
Neodymium	150-1	160	220	107	162	34.95	cps
Neodymium	150-2	53	37	43	44	18.87	cps
Nickel	60-2	1133	1263	1140	1179	6.21	cps
Phosphorus	31-2	325	292	300	306	5.68	cps
Potassium	39-2	529446	521781	521831	524353	0.84	cps
Rhodium	103-1	6520121	6685648	7153609	6786459	4.84	cps
Rhodium	103-2	3468811	3297003	3334774	3366863	2.68	cps
Scandium	45-1	5179398	5287872	5519894	5329055	3.26	cps
Scandium	45-2	212136	205041	206243	207806	1.83	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	94	72	81	82	13.43	cps
Selenium	82-1	35	84	33	50	57.30	cps
Silicon	28-1	33682922	33706317	34007586	33798942	0.54	cps
Silver	107-1	167	150	133	150	11.11	cps
Silver	109-1	108	75	117	100	22.05	cps
Sodium	23-2	1845874	1831633	1771245	1816251	2.18	cps
Strontium	86-1	258042	257809	260335	258729	0.54	cps
Strontium	88-1	2276909	2279243	2241624	2265925	0.93	cps
Sulfur	34-1	387579	388374	393105	389686	0.77	cps
Terbium	159-1	8086246	8491996	8692451	8423564	3.67	cps
Terbium	159-2	4104102	3781796	3844954	3910284	4.37	cps
Thallium	203-1	333	400	325	353	11.65	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-02	Instrumnet Name :	P8
Client Sample ID :	MW-05-3-13-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:14:42	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	783	775	875	811	6.84	cps
Tin	118-1	1325	1033	1192	1183	12.34	cps
Titanium	47-1	983	792	958	911	11.44	cps
Uranium	238-1	333	375	350	353	5.95	cps
Vanadium	51-2	80	113	127	107	22.54	cps
Ytterbium	172-1	50	58	33	47	26.96	cps
Ytterbium	172-2	44	44	56	48	13.32	cps
Ytterbium	176-1	1392	1617	1658	1556	9.22	cps
Ytterbium	176-2	7119	7714	7291	7374	4.15	cps
Yttrium	89-1	11538601	11670079	12880448	12029709	6.15	cps
Yttrium	89-2	1585003	1481015	1509878	1525299	3.52	cps
Zinc	66-2	3480	3487	3490	3486	0.15	cps
Zirconium	90-1	425	617	792	611	30.01	cps
Zirconium	91-1	108	108	75	97	19.80	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-05	Instrumnet Name :	P8
Client Sample ID :	BR-01-180-200-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:17:49	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13058	12660	12106	12608	3.79	cps
Antimony	121-1	15401	14867	14091	14786	4.45	cps
Arsenic	75-2	298	290	283	290	2.58	cps
Barium	135-1	48940	52352	51926	51073	3.64	cps
Barium	137-1	88481	93105	89295	90294	2.73	cps
Beryllium	9-1	216	225	161	201	17.21	cps
Bismuth	209-1	5224431	5359738	5354422	5312864	1.44	cps
Bismuth	209-2	2599203	2598079	2586743	2594675	0.27	cps
Boron	10-1	33752	35335	35187	34758	2.52	cps
Boron	11-1	149267	157415	159356	155346	3.45	cps
Bromine	81-1	81289	87179	87412	85293	4.07	cps
Cadmium	111-1	2943	3166	3408	3172	7.33	cps
Cadmium	106-1	4126	4509	4843	4493	7.98	cps
Cadmium	108-1	29	58	46	44	32.92	cps
Calcium	43-1	431170	435024	431634	432609	0.49	cps
Calcium	44-1	7033843	7044561	6774262	6950889	2.20	cps
Carbon	12-1	7931263	8326240	8680642	8312715	4.51	cps
Carbon	12-2	104797	103615	104522	104311	0.59	cps
Chlorine	35-1	2086358	2218412	2285728	2196833	4.62	cps
Chlorine	35-2	18229	17753	18546	18176	2.19	cps
Chromium	52-2	6061	5728	5881	5890	2.83	cps
Cobalt	59-2	1867	1757	1800	1808	3.07	cps
Copper	63-2	23226	23553	22425	23068	2.52	cps
Dysprosium	156-1	725	642	717	694	6.61	cps
Dysprosium	156-2	190	207	223	207	8.07	cps
Erbium	164-1	600	617	492	569	11.92	cps
Erbium	164-2	230	223	243	232	4.39	cps
Gadolinium	160-1	658	792	775	742	9.80	cps
Gadolinium	160-2	287	410	340	346	17.90	cps
Gold	197-1	8	8	17	11	43.34	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8537881	8628791	8661367	8609346	0.74	cps
Holmium	165-2	3827835	3755740	3857555	3813710	1.37	cps
Indium	115-1	7021903	7244661	7317820	7194795	2.14	cps
Indium	115-2	1122028	1110536	1136451	1123005	1.16	cps
Iron	56-2	845135	841861	817332	834776	1.82	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-05	Instrumnet Name :	P8
Client Sample ID :	BR-01-180-200-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:17:49	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	21678	21466	20637	21261	2.59	cps
Iron	54-2	46537	47591	44726	46285	3.13	cps
Krypton	83-1	369	325	361	352	6.65	cps
Lead	206-1	5168	5212	4868	5083	3.69	cps
Lead	207-1	4223	4345	4301	4290	1.44	cps
Lead	208-1	19295	20257	19645	19732	2.47	cps
Lithium	6-1	5104589	5101260	5169913	5125254	0.76	cps
Magnesium	24-2	357721	354700	342391	351604	2.31	cps
Manganese	55-2	53222	52885	51907	52671	1.30	cps
Molybdenum	94-1	31979	31202	30985	31389	1.66	cps
Molybdenum	95-1	54584	52768	52350	53234	2.23	cps
Molybdenum	96-1	55135	55219	54441	54932	0.78	cps
Molybdenum	97-1	34544	33592	32255	33464	3.44	cps
Molybdenum	98-1	84743	85800	81113	83886	2.93	cps
Neodymium	150-1	747	833	1060	880	18.39	cps
Neodymium	150-2	270	237	267	258	7.12	cps
Nickel	60-2	2010	1957	2007	1991	1.50	cps
Phosphorus	31-2	1800	1517	1592	1636	8.97	cps
Potassium	39-2	1553725	1467188	1426746	1482553	4.38	cps
Rhodium	103-1	6868324	7177502	7106763	7050863	2.30	cps
Rhodium	103-2	3333917	3167920	3206164	3236000	2.69	cps
Scandium	45-1	5438661	5634670	5750428	5607920	2.81	cps
Scandium	45-2	200177	193206	194019	195801	1.95	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	86	83	76	82	6.28	cps
Selenium	82-1	11	88	75	58	70.61	cps
Silicon	28-1	21030740	20899194	20416671	20782202	1.56	cps
Silver	107-1	158	142	133	144	8.81	cps
Silver	109-1	25	100	100	75	57.74	cps
Sodium	23-2	22456552	22614167	22322629	22464449	0.65	cps
Strontium	86-1	1007446	1018524	1008774	1011581	0.60	cps
Strontium	88-1	8985856	9100373	8762047	8949425	1.92	cps
Sulfur	34-1	1041199	1061095	1034311	1045535	1.33	cps
Terbium	159-1	8624545	9086995	9078527	8930022	2.96	cps
Terbium	159-2	3616993	3776467	3784551	3726004	2.54	cps
Thallium	203-1	350	392	392	378	6.37	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-05	Instrumnet Name :	P8
Client Sample ID :	BR-01-180-200-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:17:49	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	933	850	792	858	8.29	cps
Tin	118-1	3025	3092	3292	3137	4.43	cps
Titanium	47-1	4909	5418	5059	5129	5.09	cps
Uranium	238-1	5443	5201	5443	5362	2.60	cps
Vanadium	51-2	3470	3847	3224	3514	8.94	cps
Ytterbium	172-1	208	283	233	242	15.80	cps
Ytterbium	172-2	106	128	106	113	11.36	cps
Ytterbium	176-1	1675	1508	1750	1645	7.52	cps
Ytterbium	176-2	6757	7224	7180	7054	3.65	cps
Yttrium	89-1	12321562	12690715	12799315	12603864	1.99	cps
Yttrium	89-2	1453390	1475660	1468331	1465794	0.77	cps
Zinc	66-2	4644	4541	4427	4537	2.39	cps
Zirconium	90-1	2600	3109	2867	2859	8.90	cps
Zirconium	91-1	683	600	533	606	12.41	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-06	Instrumnet Name :	P8
Client Sample ID :	BR-01-180-200-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:20:54	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4018	4079	3969	4022	1.37	cps
Antimony	121-1	9945	10296	10096	10112	1.74	cps
Arsenic	75-2	261	290	259	270	6.42	cps
Barium	135-1	87895	87559	86477	87311	0.85	cps
Barium	137-1	147984	153902	153377	151754	2.16	cps
Beryllium	9-1	112	115	101	110	6.68	cps
Bismuth	209-1	5507300	5649682	5482205	5546396	1.63	cps
Bismuth	209-2	3070995	2696752	2671116	2812954	7.96	cps
Boron	10-1	34782	36857	37538	36392	3.94	cps
Boron	11-1	163558	165473	168121	165717	1.38	cps
Bromine	81-1	84915	83705	85305	84642	0.99	cps
Cadmium	111-1	3627	3165	2891	3228	11.53	cps
Cadmium	106-1	5051	4334	4001	4462	12.03	cps
Cadmium	108-1	96	75	38	69	42.57	cps
Calcium	43-1	407137	419099	405174	410470	1.84	cps
Calcium	44-1	6653814	6830432	6695557	6726601	1.37	cps
Carbon	12-1	8312184	8794741	9025844	8710923	4.18	cps
Carbon	12-2	104412	106887	107349	106216	1.49	cps
Chlorine	35-1	2119093	2240949	2299709	2219917	4.15	cps
Chlorine	35-2	18129	18354	17853	18112	1.38	cps
Chromium	52-2	5638	5291	5131	5353	4.84	cps
Cobalt	59-2	457	383	440	427	9.01	cps
Copper	63-2	3871	4027	4044	3981	2.40	cps
Dysprosium	156-1	308	208	175	231	30.10	cps
Dysprosium	156-2	63	67	83	71	15.07	cps
Erbium	164-1	167	167	158	164	2.93	cps
Erbium	164-2	70	77	63	70	9.53	cps
Gadolinium	160-1	258	175	217	217	19.23	cps
Gadolinium	160-2	170	200	193	188	8.39	cps
Gold	197-1	0	8	8	6	86.60	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	8938237	9022218	8823831	8928096	1.12	cps
Holmium	165-2	4364361	4021214	3741406	4042327	7.72	cps
Indium	115-1	7282305	7372813	7249158	7301425	0.88	cps
Indium	115-2	1306001	1152434	1149459	1202631	7.44	cps
Iron	56-2	131711	130262	130622	130865	0.58	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-06	Instrumnet Name :	P8
Client Sample ID :	BR-01-180-200-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:20:54	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4190	3923	4156	4090	3.55	cps
Iron	54-2	7891	8158	8425	8158	3.27	cps
Krypton	83-1	332	347	356	345	3.48	cps
Lead	206-1	4384	4462	4723	4523	3.93	cps
Lead	207-1	3623	3895	4012	3843	5.19	cps
Lead	208-1	17994	18072	18033	18033	0.22	cps
Lithium	6-1	5299319	5056250	5014840	5123470	3.00	cps
Magnesium	24-2	273903	281775	275309	276995	1.52	cps
Manganese	55-2	27710	28024	27323	27686	1.27	cps
Molybdenum	94-1	33499	33499	34452	33817	1.63	cps
Molybdenum	95-1	58942	59186	56408	58179	2.64	cps
Molybdenum	96-1	61462	62726	59688	61292	2.49	cps
Molybdenum	97-1	35622	36499	34769	35630	2.43	cps
Molybdenum	98-1	90236	91476	90262	90658	0.78	cps
Neodymium	150-1	307	293	253	284	9.76	cps
Neodymium	150-2	83	87	110	93	15.57	cps
Nickel	60-2	1137	1123	1063	1108	3.53	cps
Phosphorus	31-2	1475	1617	1558	1550	4.59	cps
Potassium	39-2	1467254	1491446	1502014	1486905	1.20	cps
Rhodium	103-1	7247300	7256937	7050487	7184908	1.62	cps
Rhodium	103-2	3668168	3325008	3278275	3423817	6.22	cps
Scandium	45-1	5764701	5807620	5820573	5797631	0.50	cps
Scandium	45-2	229316	204235	199402	210984	7.61	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	85	88	80	84	4.79	cps
Selenium	82-1	160	73	69	100	51.42	cps
Silicon	28-1	20417609	20567689	19596870	20194056	2.59	cps
Silver	107-1	183	233	217	211	12.06	cps
Silver	109-1	175	183	175	178	2.71	cps
Sodium	23-2	23404036	23702303	22770486	23292275	2.04	cps
Strontium	86-1	987249	987565	988082	987632	0.04	cps
Strontium	88-1	8581478	8644193	8710294	8645321	0.75	cps
Sulfur	34-1	1079176	1043126	1040533	1054278	2.05	cps
Terbium	159-1	9081719	9115372	9019887	9072326	0.53	cps
Terbium	159-2	4214195	3998662	3740444	3984434	5.95	cps
Thallium	203-1	417	325	367	369	12.42	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-06	Instrumnet Name :	P8
Client Sample ID :	BR-01-180-200-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:20:54	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	675	650	800	708	11.35	cps
Tin	118-1	8720	9495	9120	9112	4.26	cps
Titanium	47-1	2750	2575	2675	2667	3.29	cps
Uranium	238-1	4751	4601	4626	4659	1.73	cps
Vanadium	51-2	2947	2954	2727	2876	4.49	cps
Ytterbium	172-1	100	75	33	69	48.50	cps
Ytterbium	172-2	44	39	11	31	56.73	cps
Ytterbium	176-1	1533	1442	1442	1472	3.60	cps
Ytterbium	176-2	7919	7936	7269	7708	4.94	cps
Yttrium	89-1	12846271	12847998	13125097	12939789	1.24	cps
Yttrium	89-2	1732543	1478517	1502498	1571186	8.93	cps
Zinc	66-2	7255	6998	6992	7082	2.12	cps
Zirconium	90-1	3526	3367	3359	3417	2.75	cps
Zirconium	91-1	867	908	708	828	12.75	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-11	Instrumnet Name :	P8
Client Sample ID :	BR-03-117-137-090222	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:24:01	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8293	8168	7996	8152	1.83	cps
Antimony	121-1	9737	9745	9946	9809	1.20	cps
Arsenic	75-2	2605	2675	2737	2672	2.47	cps
Barium	135-1	147797	146619	144000	146139	1.33	cps
Barium	137-1	248741	250973	255510	251741	1.37	cps
Beryllium	9-1	111	106	132	117	11.94	cps
Bismuth	209-1	5313378	5909880	5505854	5576371	5.46	cps
Bismuth	209-2	2782302	2730476	2779483	2764087	1.05	cps
Boron	10-1	24704	24538	24401	24548	0.62	cps
Boron	11-1	111009	109998	110387	110465	0.46	cps
Bromine	81-1	84047	88973	87654	86892	2.93	cps
Cadmium	111-1	3201	3537	3136	3291	6.53	cps
Cadmium	106-1	4493	4968	4418	4626	6.45	cps
Cadmium	108-1	8	17	33	19	65.47	cps
Calcium	43-1	959404	975397	937117	957306	2.01	cps
Calcium	44-1	15503779	15566450	14826347	15298859	2.68	cps
Carbon	12-1	7217781	7680215	8044956	7647651	5.42	cps
Carbon	12-2	95955	96281	97548	96594	0.87	cps
Chlorine	35-1	2293180	2421578	2500926	2405228	4.36	cps
Chlorine	35-2	19856	20106	20348	20103	1.22	cps
Chromium	52-2	3554	3671	3384	3536	4.08	cps
Cobalt	59-2	1780	1703	1710	1731	2.45	cps
Copper	63-2	4854	4981	4814	4883	1.78	cps
Dysprosium	156-1	317	275	250	281	12.00	cps
Dysprosium	156-2	87	80	103	90	13.35	cps
Erbium	164-1	283	233	258	258	9.68	cps
Erbium	164-2	97	70	97	88	17.54	cps
Gadolinium	160-1	325	267	350	314	13.62	cps
Gadolinium	160-2	213	197	163	191	13.32	cps
Gold	197-1	25	8	0	11	114.58	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	8385419	9609313	9191249	9061994	6.86	cps
Holmium	165-2	4076665	3908980	3926528	3970725	2.32	cps
Indium	115-1	6878711	8069534	7776125	7574790	8.19	cps
Indium	115-2	1199955	1161637	1147978	1169857	2.30	cps
Iron	56-2	315749	308739	312328	312272	1.12	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-11	Instrumnet Name :	P8
Client Sample ID :	BR-03-117-137-090222	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:24:01	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	10209	9798	9648	9885	2.94	cps
Iron	54-2	17989	17778	18201	17989	1.18	cps
Krypton	83-1	325	340	304	323	5.64	cps
Lead	206-1	4240	4395	4418	4351	2.23	cps
Lead	207-1	3740	3823	3673	3745	2.01	cps
Lead	208-1	17427	17088	17299	17271	0.99	cps
Lithium	6-1	5047455	5491211	5020067	5186244	5.10	cps
Magnesium	24-2	1913149	1882887	1854157	1883398	1.57	cps
Manganese	55-2	222690	217823	218928	219814	1.16	cps
Molybdenum	94-1	10938	10571	10254	10588	3.23	cps
Molybdenum	95-1	18037	17203	17712	17651	2.38	cps
Molybdenum	96-1	18296	18354	19239	18630	2.84	cps
Molybdenum	97-1	11005	10471	11013	10830	2.87	cps
Molybdenum	98-1	28021	26935	26418	27124	3.02	cps
Neodymium	150-1	247	280	300	276	9.78	cps
Neodymium	150-2	60	113	73	82	33.76	cps
Nickel	60-2	593	517	570	560	7.02	cps
Phosphorus	31-2	1358	908	1158	1142	19.75	cps
Potassium	39-2	1315696	1318753	1283307	1305918	1.50	cps
Rhodium	103-1	7034997	7867267	7440897	7447720	5.59	cps
Rhodium	103-2	3579271	3210645	3281793	3357236	5.82	cps
Scandium	45-1	5684282	6453708	5818286	5985425	6.87	cps
Scandium	45-2	206375	204199	197245	202606	2.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	63	89	89	80	18.68	cps
Selenium	82-1	80	40	109	76	45.28	cps
Silicon	28-1	46784800	46323239	45888736	46332258	0.97	cps
Silver	107-1	125	208	133	156	29.51	cps
Silver	109-1	100	100	67	89	21.65	cps
Sodium	23-2	6530243	6515098	6348889	6464743	1.56	cps
Strontium	86-1	860026	865978	857344	861116	0.51	cps
Strontium	88-1	7442135	7473937	7316557	7410876	1.12	cps
Sulfur	34-1	588023	586996	577923	584314	0.95	cps
Terbium	159-1	9053939	10038677	9167322	9419980	5.72	cps
Terbium	159-2	3988588	3990541	3784770	3921300	3.02	cps
Thallium	203-1	425	308	358	364	16.08	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-11	Instrumnet Name :	P8
Client Sample ID :	BR-03-117-137-090222	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:24:01	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	933	892	842	889	5.16	cps
Tin	118-1	2342	2767	2409	2506	9.12	cps
Titanium	47-1	8027	9938	7727	8564	14.00	cps
Uranium	238-1	11039	10905	10363	10769	3.32	cps
Vanadium	51-2	1733	1693	1730	1719	1.29	cps
Ytterbium	172-1	125	50	92	89	42.27	cps
Ytterbium	172-2	67	50	72	63	18.37	cps
Ytterbium	176-1	1633	1792	1517	1647	8.38	cps
Ytterbium	176-2	7875	7091	7547	7504	5.25	cps
Yttrium	89-1	12583250	13869259	13571568	13341359	5.05	cps
Yttrium	89-2	1566533	1499750	1472484	1512922	3.20	cps
Zinc	66-2	2217	2100	2164	2160	2.70	cps
Zirconium	90-1	942	1067	958	989	6.86	cps
Zirconium	91-1	175	192	267	211	23.13	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:30:48	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3211556	3156873	3198914	3189115	0.90	cps
Antimony	121-1	2467440	2488402	2502736	2486193	0.71	cps
Arsenic	75-2	82749	82043	80724	81839	1.26	cps
Barium	135-1	3363010	3382767	3390570	3378782	0.42	cps
Barium	137-1	5523198	5633932	5749424	5635518	2.01	cps
Beryllium	9-1	1219683	1222416	1191496	1211198	1.41	cps
Bismuth	209-1	4803381	5207505	5202775	5071221	4.57	cps
Bismuth	209-2	2501257	2458570	2469797	2476542	0.89	cps
Boron	10-1	294823	314732	320163	309906	4.31	cps
Boron	11-1	1272958	1317240	1328650	1306283	2.25	cps
Bromine	81-1	62344	61580	60805	61576	1.25	cps
Cadmium	111-1	709645	706142	694696	703494	1.11	cps
Cadmium	106-1	87562	88711	90274	88849	1.53	cps
Cadmium	108-1	55892	56520	57315	56576	1.26	cps
Calcium	43-1	5541052	5669726	5656765	5622514	1.26	cps
Calcium	44-1	88608134	87125359	88248592	87994028	0.88	cps
Carbon	12-1	5271151	5504466	5461534	5412384	2.29	cps
Carbon	12-2	65354	66376	65806	65845	0.78	cps
Chlorine	35-1	855923	845210	833790	844974	1.31	cps
Chlorine	35-2	6510	6677	6235	6474	3.45	cps
Chromium	52-2	897970	882359	887049	889126	0.90	cps
Cobalt	59-2	1641216	1612711	1598328	1617418	1.35	cps
Copper	63-2	12287813	11596422	11810298	11898177	2.98	cps
Dysprosium	156-1	458	500	550	503	9.13	cps
Dysprosium	156-2	140	177	137	151	14.69	cps
Erbium	164-1	108	67	67	81	29.86	cps
Erbium	164-2	43	17	33	31	43.29	cps
Gadolinium	160-1	250	308	342	300	15.47	cps
Gadolinium	160-2	203	190	200	198	3.51	cps
Gold	197-1	25	50	17	31	56.77	cps
Gold	197-2	72	83	67	74	11.46	cps
Holmium	165-1	8340381	8990366	9231241	8853996	5.20	cps
Holmium	165-2	4006289	3948528	3919269	3958029	1.12	cps
Indium	115-1	6785241	7122893	7138687	7015607	2.85	cps
Indium	115-2	1118779	1106055	1110219	1111684	0.58	cps
Iron	56-2	187441893	186260915	182031060	185244623	1.54	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:30:48	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4795530	4716384	4662076	4724664	1.42	cps
Iron	54-2	10582060	10268486	10292738	10381095	1.68	cps
Krypton	83-1	374	355	364	364	2.58	cps
Lead	206-1	10762703	10731962	11332577	10942414	3.09	cps
Lead	207-1	9552785	9703996	9703879	9653553	0.90	cps
Lead	208-1	43637952	44080176	44646199	44121442	1.15	cps
Lithium	6-1	4775236	5251325	5089648	5038736	4.80	cps
Magnesium	24-2	41706907	41581496	40525162	41271188	1.57	cps
Manganese	55-2	5181598	4923510	4980164	5028424	2.70	cps
Molybdenum	94-1	10890509	10910390	11227101	11009333	1.72	cps
Molybdenum	95-1	15801651	15685929	15949611	15812397	0.84	cps
Molybdenum	96-1	16272583	16766334	17277614	16772177	3.00	cps
Molybdenum	97-1	9504980	9625039	9702811	9610943	1.04	cps
Molybdenum	98-1	24860475	25299845	24437559	24865959	1.73	cps
Neodymium	150-1	320	333	247	300	15.56	cps
Neodymium	150-2	23	33	17	24	34.31	cps
Nickel	60-2	414026	408950	405659	409545	1.03	cps
Phosphorus	31-2	38811	39003	37691	38502	1.84	cps
Potassium	39-2	15285389	14615468	14693473	14864777	2.46	cps
Rhodium	103-1	6451795	6929564	6867109	6749489	3.85	cps
Rhodium	103-2	3112891	3003796	3108113	3074934	2.01	cps
Scandium	45-1	5443279	5701166	5812349	5652265	3.35	cps
Scandium	45-2	202771	194882	200686	199446	2.05	cps
Selenium	77-2	2090	2270	2060	2140	5.31	cps
Selenium	78-2	7115	6942	6752	6936	2.61	cps
Selenium	82-1	62622	62511	63594	62909	0.95	cps
Silicon	28-1	17756938	19157325	18577847	18497370	3.80	cps
Silver	107-1	3593436	3604903	3668861	3622400	1.12	cps
Silver	109-1	3492520	3531954	3495819	3506764	0.62	cps
Sodium	23-2	80765410	78191606	79010787	79322601	1.66	cps
Strontium	86-1	25250283	25226909	25019923	25165705	0.50	cps
Strontium	88-1	219907338	212715705	221191705	217938249	2.10	cps
Sulfur	34-1	918697	920433	914748	917959	0.32	cps
Terbium	159-1	8590093	9171946	9221465	8994501	3.90	cps
Terbium	159-2	3847983	3961836	3782891	3864237	2.34	cps
Thallium	203-1	2540143	2582743	2638163	2587016	1.90	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:30:48	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	6020717	6168338	6308870	6165975	2.34	cps
Tin	118-1	2437234	2461636	2514819	2471230	1.61	cps
Titanium	47-1	5107690	5109464	5126471	5114542	0.20	cps
Uranium	238-1	8603275	8816087	8797904	8739088	1.35	cps
Vanadium	51-2	737715	734398	713126	728413	1.83	cps
Ytterbium	172-1	117	100	208	142	41.18	cps
Ytterbium	172-2	44	61	61	56	17.31	cps
Ytterbium	176-1	7377	7561	7552	7497	1.38	cps
Ytterbium	176-2	9993	9954	9648	9865	1.91	cps
Yttrium	89-1	12505012	12969886	13177399	12884099	2.67	cps
Yttrium	89-2	1540652	1443041	1497428	1493707	3.27	cps
Zinc	66-2	1283155	1250653	1241275	1258361	1.75	cps
Zirconium	90-1	5647016	5530800	5452547	5543454	1.77	cps
Zirconium	91-1	1209129	1217556	1233403	1220030	1.01	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:33:44	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	147	140	152	147	4.29	cps
Antimony	121-1	683	950	1350	995	33.74	cps
Arsenic	75-2	13	8	10	10	24.35	cps
Barium	135-1	50	42	33	42	20.00	cps
Barium	137-1	142	117	100	119	17.56	cps
Beryllium	9-1	200	186	172	186	7.38	cps
Bismuth	209-1	5736206	5567067	5939920	5747731	3.25	cps
Bismuth	209-2	2847133	2786678	2891306	2841705	1.85	cps
Boron	10-1	17885	15973	15467	16442	7.76	cps
Boron	11-1	78933	72758	67002	72898	8.18	cps
Bromine	81-1	60172	64688	64797	63219	4.18	cps
Cadmium	111-1	3172	3303	3236	3237	2.02	cps
Cadmium	106-1	4484	4709	4634	4609	2.49	cps
Cadmium	108-1	42	50	71	54	27.73	cps
Calcium	43-1	334	372	329	345	6.94	cps
Calcium	44-1	12784	12306	12567	12552	1.91	cps
Carbon	12-1	3973318	3964477	3902664	3946820	0.98	cps
Carbon	12-2	44267	43281	42228	43259	2.36	cps
Chlorine	35-1	677291	664486	659502	667093	1.38	cps
Chlorine	35-2	5159	4809	4859	4943	3.83	cps
Chromium	52-2	647	673	620	647	4.12	cps
Cobalt	59-2	57	57	57	57	0.00	cps
Copper	63-2	1467	1630	1483	1527	5.89	cps
Dysprosium	156-1	33	0	17	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	7	20	20	16	49.47	cps
Gadolinium	160-1	117	58	67	81	39.17	cps
Gadolinium	160-2	117	127	77	107	24.80	cps
Gold	197-1	8	0	0	3	173.21	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	9225073	9202463	8992030	9139856	1.41	cps
Holmium	165-2	3922114	3959703	4198393	4026737	3.72	cps
Indium	115-1	7625293	7583496	7377414	7528734	1.76	cps
Indium	115-2	1197641	1177377	1180258	1185092	0.93	cps
Iron	56-2	5296	5346	4818	5153	5.66	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:33:44	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	183	194	183	187	3.43	cps
Iron	54-2	933	844	944	907	6.04	cps
Krypton	83-1	345	355	341	347	2.05	cps
Lead	206-1	945	911	906	920	2.29	cps
Lead	207-1	778	672	800	750	9.10	cps
Lead	208-1	3823	3389	3667	3626	6.05	cps
Lithium	6-1	5308990	5318881	5282677	5303516	0.35	cps
Magnesium	24-2	467	492	433	464	6.31	cps
Manganese	55-2	113	93	120	109	12.75	cps
Molybdenum	94-1	2075	1592	1758	1809	13.58	cps
Molybdenum	95-1	3242	2842	2492	2859	13.13	cps
Molybdenum	96-1	3626	3000	2659	3095	15.84	cps
Molybdenum	97-1	1867	1717	1717	1767	4.90	cps
Molybdenum	98-1	5126	4351	4159	4545	11.26	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	67	100	53	73	32.78	cps
Phosphorus	31-2	217	400	208	275	39.40	cps
Potassium	39-2	25039	24263	23803	24368	2.56	cps
Rhodium	103-1	7197493	7423866	7317783	7313048	1.55	cps
Rhodium	103-2	3437341	3405748	3283176	3375422	2.41	cps
Scandium	45-1	5746611	5813738	5630081	5730143	1.62	cps
Scandium	45-2	206182	203200	201419	203600	1.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	70	84	78	9.41	cps
Selenium	82-1	-16	-21	29	-3	-944.15	cps
Silicon	28-1	814898	800710	791643	802417	1.46	cps
Silver	107-1	675	800	767	747	8.66	cps
Silver	109-1	650	658	667	658	1.27	cps
Sodium	23-2	44084	42764	44009	43619	1.70	cps
Strontium	86-1	850	867	958	892	6.55	cps
Strontium	88-1	2642	2267	2818	2576	10.93	cps
Sulfur	34-1	373126	372341	377306	374258	0.71	cps
Terbium	159-1	9395700	9312726	9531295	9413240	1.17	cps
Terbium	159-2	3882692	3895630	3820811	3866378	1.03	cps
Thallium	203-1	792	617	667	692	13.03	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:33:44	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1508	1483	1717	1570	8.16	cps
Tin	118-1	1217	1158	1342	1239	7.56	cps
Titanium	47-1	300	342	342	328	7.34	cps
Uranium	238-1	142	42	108	97	52.37	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Ytterbium	172-1	50	33	42	42	20.00	cps
Ytterbium	172-2	28	22	11	20	41.67	cps
Ytterbium	176-1	1633	1675	1567	1625	3.36	cps
Ytterbium	176-2	7608	7608	7158	7458	3.49	cps
Yttrium	89-1	13028274	13336079	13348119	13237490	1.37	cps
Yttrium	89-2	1498305	1535704	1479789	1504600	1.89	cps
Zinc	66-2	217	210	210	212	1.81	cps
Zirconium	90-1	542	733	842	706	21.53	cps
Zirconium	91-1	117	158	150	142	15.56	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-12	Instrumnet Name :	P8
Client Sample ID :	BR-03-117-137-090222	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:36:56	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	724	671	682	692	3.99	cps
Antimony	121-1	6102	5951	6068	6040	1.30	cps
Arsenic	75-2	1945	1980	1841	1922	3.76	cps
Barium	135-1	100431	94002	94691	96375	3.66	cps
Barium	137-1	169116	166167	164537	166607	1.39	cps
Beryllium	9-1	131	131	126	130	2.22	cps
Bismuth	209-1	5696355	5696570	5545021	5645982	1.55	cps
Bismuth	209-2	2908843	2801718	2977346	2895969	3.06	cps
Boron	10-1	21928	22391	22298	22206	1.10	cps
Boron	11-1	100428	102162	100644	101078	0.93	cps
Bromine	81-1	78510	81178	80816	80168	1.81	cps
Cadmium	111-1	3615	3340	3357	3437	4.48	cps
Cadmium	106-1	5126	4726	4793	4882	4.39	cps
Cadmium	108-1	33	38	33	35	6.93	cps
Calcium	43-1	617450	609390	599581	608807	1.47	cps
Calcium	44-1	9524506	9845812	9601843	9657387	1.74	cps
Carbon	12-1	5879912	6171729	6475805	6175816	4.82	cps
Carbon	12-2	78117	79189	79365	78890	0.86	cps
Chlorine	35-1	1479350	1590719	1624193	1564754	4.85	cps
Chlorine	35-2	13623	13665	13348	13546	1.27	cps
Chromium	52-2	1863	1990	1870	1908	3.74	cps
Cobalt	59-2	287	330	377	331	13.59	cps
Copper	63-2	1720	1793	1817	1777	2.84	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	83	75	67	75	11.11	cps
Erbium	164-2	33	20	10	21	55.45	cps
Gadolinium	160-1	108	133	75	106	27.73	cps
Gadolinium	160-2	117	113	90	107	13.62	cps
Gold	197-1	0	0	0	0	0.00	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9343205	9496843	9040125	9293391	2.50	cps
Holmium	165-2	4016651	4100088	4111558	4076099	1.27	cps
Indium	115-1	8048941	7591953	7567340	7736078	3.51	cps
Indium	115-2	1213406	1198677	1222520	1211534	0.99	cps
Iron	56-2	29826	30739	28701	29755	3.43	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-12	Instrumnet Name :	P8
Client Sample ID :	BR-03-117-137-090222	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:36:56	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	2061	2184	1867	2037	7.84	cps
Iron	54-2	2389	2406	2350	2382	1.20	cps
Krypton	83-1	331	379	347	352	6.85	cps
Lead	206-1	1278	1300	1167	1248	5.72	cps
Lead	207-1	1072	995	1067	1045	4.15	cps
Lead	208-1	4956	4867	4912	4912	0.91	cps
Lithium	6-1	5454422	5378707	5240505	5357878	2.02	cps
Magnesium	24-2	1257905	1246081	1196057	1233348	2.66	cps
Manganese	55-2	129839	129389	126566	128598	1.38	cps
Molybdenum	94-1	7586	8244	8078	7969	4.30	cps
Molybdenum	95-1	13549	13290	12923	13254	2.37	cps
Molybdenum	96-1	13957	13765	14374	14032	2.22	cps
Molybdenum	97-1	8144	7686	8078	7969	3.11	cps
Molybdenum	98-1	21091	20466	21359	20972	2.19	cps
Neodymium	150-1	20	53	27	33	52.92	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	543	487	460	497	8.57	cps
Phosphorus	31-2	1017	850	783	883	13.61	cps
Potassium	39-2	872961	859281	857893	863378	0.96	cps
Rhodium	103-1	7754731	7472338	7191691	7472920	3.77	cps
Rhodium	103-2	3438251	3375941	3383117	3399103	1.00	cps
Scandium	45-1	6075682	5892305	5858608	5942198	1.97	cps
Scandium	45-2	208054	210545	213787	210795	1.36	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	83	93	87	88	5.74	cps
Selenium	82-1	56	-15	92	45	122.67	cps
Silicon	28-1	34244623	34046951	33458606	33916726	1.21	cps
Silver	107-1	242	142	125	169	37.24	cps
Silver	109-1	108	108	33	83	51.97	cps
Sodium	23-2	4617764	4475115	4384058	4492312	2.62	cps
Strontium	86-1	557218	542754	551664	550545	1.33	cps
Strontium	88-1	4961122	4781967	4675831	4806306	3.00	cps
Sulfur	34-1	539581	527542	533247	533457	1.13	cps
Terbium	159-1	9463316	9338492	9336044	9379284	0.78	cps
Terbium	159-2	4033991	4096419	4031400	4053936	0.91	cps
Thallium	203-1	608	517	433	519	16.85	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4508-12	Instrumnet Name :	P8
Client Sample ID :	BR-03-117-137-090222	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:36:56	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1283	1142	1183	1203	6.05	cps
Tin	118-1	1717	1483	1533	1578	7.79	cps
Titanium	47-1	1433	867	917	1072	29.26	cps
Uranium	238-1	6877	7002	6769	6883	1.70	cps
Vanadium	51-2	710	727	597	678	10.44	cps
Ytterbium	172-1	58	75	33	56	37.75	cps
Ytterbium	172-2	39	17	6	20	83.30	cps
Ytterbium	176-1	1625	1425	1433	1495	7.57	cps
Ytterbium	176-2	8030	7891	7992	7971	0.90	cps
Yttrium	89-1	13963352	13575219	13490221	13676264	1.84	cps
Yttrium	89-2	1584273	1545208	1595069	1574850	1.67	cps
Zinc	66-2	3290	3150	3104	3182	3.05	cps
Zirconium	90-1	650	733	842	742	12.96	cps
Zirconium	91-1	133	183	150	156	16.37	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:45:23	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18802	18309	18323	18478	1.52	cps
Antimony	121-1	625	767	725	706	10.32	cps
Arsenic	75-2	131	111	125	122	8.39	cps
Barium	135-1	102164	100641	102036	101614	0.83	cps
Barium	137-1	175407	172881	175309	174532	0.82	cps
Beryllium	9-1	1244	1259	1255	1252	0.62	cps
Bismuth	209-1	5409890	5605883	5709333	5575035	2.73	cps
Bismuth	209-2	2790482	2702136	2763734	2752117	1.65	cps
Boron	10-1	35490	37087	37480	36686	2.87	cps
Boron	11-1	155058	166769	166284	162703	4.07	cps
Bromine	81-1	104185	107573	111587	107782	3.44	cps
Cadmium	111-1	3335	3494	3442	3424	2.38	cps
Cadmium	106-1	4593	4768	4809	4723	2.44	cps
Cadmium	108-1	67	79	71	72	8.81	cps
Calcium	43-1	603065	617522	603031	607873	1.37	cps
Calcium	44-1	9608993	9889318	9885567	9794626	1.64	cps
Carbon	12-1	7217025	7758874	8292621	7756173	6.93	cps
Carbon	12-2	99050	99570	102514	100378	1.86	cps
Chlorine	35-1	6322760	6546540	6570706	6480002	2.11	cps
Chlorine	35-2	51517	51433	50990	51314	0.55	cps
Chromium	52-2	10047	10074	9880	10000	1.05	cps
Cobalt	59-2	88970	89554	87853	88792	0.97	cps
Copper	63-2	6445	6472	6101	6339	3.26	cps
Dysprosium	156-1	3292	3901	3492	3562	8.71	cps
Dysprosium	156-2	1570	1393	1377	1447	7.41	cps
Erbium	164-1	3526	3601	3676	3601	2.08	cps
Erbium	164-2	1463	1450	1307	1407	6.17	cps
Gadolinium	160-1	3459	3826	3592	3626	5.12	cps
Gadolinium	160-2	1657	1797	1640	1698	5.07	cps
Gold	197-1	0	8	8	6	86.60	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8687811	9090645	8991054	8923170	2.35	cps
Holmium	165-2	3851534	4010703	4010445	3957561	2.32	cps
Indium	115-1	7592995	7440296	7488202	7507164	1.04	cps
Indium	115-2	1169134	1181630	1187682	1179482	0.80	cps
Iron	56-2	11996151	11505615	11709193	11736986	2.10	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:45:23	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	290533	281974	282806	285104	1.66	cps
Iron	54-2	640125	619684	630503	630104	1.62	cps
Krypton	83-1	356	342	331	343	3.65	cps
Lead	206-1	3673	3473	3867	3671	5.37	cps
Lead	207-1	3145	3556	3234	3312	6.53	cps
Lead	208-1	15054	14776	14726	14852	1.19	cps
Lithium	6-1	5119029	5370308	5304671	5264669	2.48	cps
Magnesium	24-2	1798292	1775792	1766097	1780060	0.93	cps
Manganese	55-2	1133521	1111762	1112372	1119218	1.11	cps
Molybdenum	94-1	1700	1884	2734	2106	26.19	cps
Molybdenum	95-1	833	650	875	786	15.23	cps
Molybdenum	96-1	1675	1608	1517	1600	4.97	cps
Molybdenum	97-1	375	450	383	403	10.21	cps
Molybdenum	98-1	1008	1017	1050	1025	2.15	cps
Neodymium	150-1	4461	4814	4501	4592	4.21	cps
Neodymium	150-2	1437	1433	1543	1471	4.25	cps
Nickel	60-2	26645	25964	26341	26317	1.30	cps
Phosphorus	31-2	275	267	267	269	1.79	cps
Potassium	39-2	607565	596506	594511	599528	1.17	cps
Rhodium	103-1	7377363	7227737	7297586	7300895	1.03	cps
Rhodium	103-2	3267004	3299979	3397592	3321525	2.04	cps
Scandium	45-1	5708885	5967812	5758175	5811624	2.37	cps
Scandium	45-2	205418	198369	208644	204144	2.57	cps
Selenium	77-2	10	10	0	7	86.60	cps
Selenium	78-2	88	87	89	88	1.14	cps
Selenium	82-1	43	90	84	72	35.80	cps
Silicon	28-1	31757499	31894217	31285830	31645849	1.01	cps
Silver	107-1	467	442	458	456	2.80	cps
Silver	109-1	350	317	358	342	6.45	cps
Sodium	23-2	20873853	20162594	20535287	20523912	1.73	cps
Strontium	86-1	538662	545219	538730	540871	0.70	cps
Strontium	88-1	4770544	4825469	4700384	4765466	1.32	cps
Sulfur	34-1	1130949	1118769	1080090	1109936	2.39	cps
Terbium	159-1	9359580	9280378	9374014	9337991	0.54	cps
Terbium	159-2	4002111	3817928	4011180	3943739	2.77	cps
Thallium	203-1	2092	1900	2017	2003	4.82	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:45:23	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	4309	4351	3884	4181	6.18	cps
Tin	118-1	1567	1784	1784	1711	7.31	cps
Titanium	47-1	1875	1725	1717	1772	5.03	cps
Uranium	238-1	1017	1067	1100	1061	3.95	cps
Vanadium	51-2	927	757	943	876	11.80	cps
Ytterbium	172-1	2092	1967	1900	1986	4.90	cps
Ytterbium	172-2	911	889	872	891	2.19	cps
Ytterbium	176-1	2867	2684	2917	2823	4.35	cps
Ytterbium	176-2	8353	7708	8725	8262	6.23	cps
Yttrium	89-1	13416785	13328744	13226575	13324035	0.71	cps
Yttrium	89-2	1547620	1543777	1594912	1562103	1.82	cps
Zinc	66-2	243181	246125	238202	242502	1.65	cps
Zirconium	90-1	3325	4276	7169	4923	40.66	cps
Zirconium	91-1	833	850	1433	1039	32.89	cps

LB Number : LB121958 Operator : Jaswal
 Lab Sample ID : N4492-11DUP Instrumnet Name : P8
 Client Sample ID : MW-02-4-14-090122DUF Dilution Factor : 1
 Date & Time Acquired : 2022-09-09 16:48:30 DataFile Name : 075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18488	18238	18273	18333	0.74	cps
Antimony	121-1	808	700	658	722	10.72	cps
Arsenic	75-2	120	113	142	125	12.11	cps
Barium	135-1	100172	99989	100148	100103	0.10	cps
Barium	137-1	173494	174277	180086	175952	2.05	cps
Beryllium	9-1	1194	1201	1187	1194	0.58	cps
Bismuth	209-1	5578755	5289319	5435161	5434411	2.66	cps
Bismuth	209-2	2725238	2738267	2997432	2820312	5.44	cps
Boron	10-1	36318	37582	38250	37383	2.63	cps
Boron	11-1	159750	166027	169726	165168	3.05	cps
Bromine	81-1	111334	114273	120661	115423	4.13	cps
Cadmium	111-1	3381	3449	3274	3368	2.62	cps
Cadmium	106-1	4668	4759	4609	4679	1.62	cps
Cadmium	108-1	75	71	88	78	11.15	cps
Calcium	43-1	604308	602139	613507	606651	0.99	cps
Calcium	44-1	9989641	9722459	9957657	9889919	1.48	cps
Carbon	12-1	7792753	8368001	8837308	8332687	6.28	cps
Carbon	12-2	100643	102222	103438	102101	1.37	cps
Chlorine	35-1	5264497	5442061	5490367	5398975	2.20	cps
Chlorine	35-2	44661	43257	44352	44090	1.67	cps
Chromium	52-2	10107	9837	9884	9942	1.45	cps
Cobalt	59-2	89345	89982	88598	89308	0.78	cps
Copper	63-2	6421	6625	6578	6542	1.63	cps
Dysprosium	156-1	3676	3451	3851	3659	5.48	cps
Dysprosium	156-2	1357	1483	1473	1438	4.90	cps
Erbium	164-1	3676	3684	3876	3745	3.02	cps
Erbium	164-2	1400	1607	1413	1473	7.85	cps
Gadolinium	160-1	3542	3367	3651	3520	4.06	cps
Gadolinium	160-2	1733	1590	1717	1680	4.67	cps
Gold	197-1	0	0	8	3	173.21	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	8875490	8631667	8784726	8763961	1.41	cps
Holmium	165-2	4122918	4012347	4136587	4090618	1.67	cps
Indium	115-1	7351493	7349693	7193818	7298334	1.24	cps
Indium	115-2	1218867	1178002	1264737	1220535	3.56	cps
Iron	56-2	12202867	12070549	12124140	12132519	0.55	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11DUP	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122DUF	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:48:30	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	292430	298404	293622	294819	1.07	cps
Iron	54-2	636036	636836	637574	636815	0.12	cps
Krypton	83-1	365	352	350	356	2.26	cps
Lead	206-1	3751	3478	3473	3567	4.45	cps
Lead	207-1	2917	2906	3073	2965	3.14	cps
Lead	208-1	13842	13842	14137	13940	1.22	cps
Lithium	6-1	5046099	5162651	5219576	5142775	1.72	cps
Magnesium	24-2	1779477	1782703	1716758	1759646	2.11	cps
Manganese	55-2	1149263	1135794	1140879	1141978	0.60	cps
Molybdenum	94-1	1325	1442	1750	1506	14.59	cps
Molybdenum	95-1	725	750	833	769	7.37	cps
Molybdenum	96-1	1275	1350	1408	1345	4.97	cps
Molybdenum	97-1	325	392	417	378	12.54	cps
Molybdenum	98-1	1150	892	858	967	16.52	cps
Neodymium	150-1	4467	4981	4014	4488	10.78	cps
Neodymium	150-2	1470	1453	1577	1500	4.46	cps
Nickel	60-2	26598	26271	27293	26721	1.95	cps
Phosphorus	31-2	300	267	300	289	6.66	cps
Potassium	39-2	607398	610079	605828	607768	0.35	cps
Rhodium	103-1	7379382	7075082	7309807	7254757	2.20	cps
Rhodium	103-2	3407603	3366192	3500263	3424686	2.00	cps
Scandium	45-1	5827717	5652283	5819675	5766559	1.72	cps
Scandium	45-2	210267	204958	216822	210683	2.82	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	76	88	84	83	7.39	cps
Selenium	82-1	82	95	129	102	23.44	cps
Silicon	28-1	31734921	30886209	31105523	31242217	1.41	cps
Silver	107-1	475	533	475	494	6.81	cps
Silver	109-1	442	367	308	372	17.96	cps
Sodium	23-2	20339170	20455357	20110563	20301697	0.86	cps
Strontium	86-1	542843	550134	543349	545442	0.75	cps
Strontium	88-1	4735407	4734601	4644407	4704805	1.11	cps
Sulfur	34-1	1110178	1069003	1086592	1088591	1.90	cps
Terbium	159-1	9209897	9064075	8817728	9030567	2.19	cps
Terbium	159-2	4069138	3847490	4019009	3978546	2.92	cps
Thallium	203-1	1575	1500	1283	1453	10.43	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11DUP	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122DUF	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:48:30	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3576	3292	3342	3403	4.45	cps
Tin	118-1	1725	1675	1475	1625	8.14	cps
Titanium	47-1	1608	1650	1875	1711	8.38	cps
Uranium	238-1	1242	1033	975	1083	12.94	cps
Vanadium	51-2	923	827	837	862	6.17	cps
Ytterbium	172-1	2125	1792	1900	1939	8.77	cps
Ytterbium	172-2	961	844	967	924	7.47	cps
Ytterbium	176-1	2617	2800	2759	2725	3.53	cps
Ytterbium	176-2	8053	7752	9020	8275	8.00	cps
Yttrium	89-1	13273910	12757029	12655847	12895596	2.57	cps
Yttrium	89-2	1555794	1530194	1630015	1572001	3.30	cps
Zinc	66-2	248067	244164	243650	245294	0.98	cps
Zirconium	90-1	2567	3034	3592	3064	16.75	cps
Zirconium	91-1	542	667	833	681	21.50	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11LX5	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122L	Dilution Factor :	5
Date & Time Acquired :	2022-09-09 16:51:34	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3926	4048	3955	3976	1.59	cps
Antimony	121-1	175	225	233	211	14.94	cps
Arsenic	75-2	23	35	35	31	22.35	cps
Barium	135-1	20616	20842	19865	20441	2.50	cps
Barium	137-1	35540	34587	34837	34988	1.41	cps
Beryllium	9-1	369	392	362	375	4.23	cps
Bismuth	209-1	5635825	5736460	5802443	5724910	1.47	cps
Bismuth	209-2	3212542	2616963	2951445	2926983	10.20	cps
Boron	10-1	11372	11322	11358	11351	0.23	cps
Boron	11-1	50179	50771	49884	50278	0.90	cps
Bromine	81-1	78029	82134	80101	80088	2.56	cps
Cadmium	111-1	3230	3441	3179	3283	4.23	cps
Cadmium	106-1	4551	4851	4476	4626	4.29	cps
Cadmium	108-1	38	13	42	31	51.63	cps
Calcium	43-1	124410	123802	122055	123423	0.99	cps
Calcium	44-1	2073785	2005769	2046243	2041932	1.68	cps
Carbon	12-1	5359977	5422099	5361108	5381061	0.66	cps
Carbon	12-2	59187	60517	61044	60249	1.59	cps
Chlorine	35-1	2869201	2788211	2803527	2820313	1.53	cps
Chlorine	35-2	21742	20866	19939	20849	4.32	cps
Chromium	52-2	2630	2530	2674	2611	2.82	cps
Cobalt	59-2	17604	18722	18412	18246	3.16	cps
Copper	63-2	2587	2630	2527	2581	2.01	cps
Dysprosium	156-1	758	925	692	792	15.18	cps
Dysprosium	156-2	250	353	303	302	17.10	cps
Erbium	164-1	833	783	758	792	4.82	cps
Erbium	164-2	310	350	300	320	8.27	cps
Gadolinium	160-1	858	767	775	800	6.34	cps
Gadolinium	160-2	417	443	500	453	9.39	cps
Gold	197-1	0	8	17	8	100.02	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9345430	9230192	9245983	9273868	0.67	cps
Holmium	165-2	4680170	3619973	4250188	4183444	12.75	cps
Indium	115-1	7325076	7732343	7663179	7573533	2.88	cps
Indium	115-2	1414820	1105927	1224297	1248348	12.48	cps
Iron	56-2	2505239	2479828	2546631	2510566	1.34	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11LX5	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122L	Dilution Factor :	5
Date & Time Acquired :	2022-09-09 16:51:34	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	60222	59686	59312	59740	0.77	cps
Iron	54-2	129781	133733	129876	131130	1.72	cps
Krypton	83-1	301	391	351	348	12.96	cps
Lead	206-1	1339	1417	1233	1330	6.92	cps
Lead	207-1	1078	1072	1039	1063	1.98	cps
Lead	208-1	4962	4973	4828	4921	1.63	cps
Lithium	6-1	5177790	5342398	5398499	5306229	2.16	cps
Magnesium	24-2	349090	360595	352992	354226	1.65	cps
Manganese	55-2	230534	234824	230479	231945	1.07	cps
Molybdenum	94-1	450	358	542	450	20.37	cps
Molybdenum	95-1	267	250	242	253	5.04	cps
Molybdenum	96-1	508	467	433	469	8.01	cps
Molybdenum	97-1	133	150	100	128	19.93	cps
Molybdenum	98-1	333	358	358	350	4.12	cps
Neodymium	150-1	1047	1153	1167	1122	5.86	cps
Neodymium	150-2	310	307	330	316	4.00	cps
Nickel	60-2	5491	5421	5564	5492	1.31	cps
Phosphorus	31-2	267	333	325	308	11.78	cps
Potassium	39-2	140037	141853	142037	141309	0.78	cps
Rhodium	103-1	7605567	7590488	7542752	7579602	0.43	cps
Rhodium	103-2	3862327	3037892	3494085	3464768	11.92	cps
Scandium	45-1	5732660	6151414	6084496	5989523	3.76	cps
Scandium	45-2	235326	187201	214842	212456	11.37	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	89	95	87	90	4.61	cps
Selenium	82-1	101	-18	44	42	139.73	cps
Silicon	28-1	6893480	7029589	6855084	6926051	1.32	cps
Silver	107-1	625	583	492	567	12.04	cps
Silver	109-1	500	550	492	514	6.14	cps
Sodium	23-2	4105560	4281778	4269867	4219069	2.33	cps
Strontium	86-1	113125	111377	110235	111579	1.30	cps
Strontium	88-1	972218	958001	924652	951624	2.57	cps
Sulfur	34-1	571708	566387	563063	567052	0.77	cps
Terbium	159-1	9138237	9338764	9223206	9233403	1.09	cps
Terbium	159-2	4520023	3563981	4077240	4053748	11.80	cps
Thallium	203-1	792	817	708	772	7.35	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11LX5	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122L	Dilution Factor :	5
Date & Time Acquired :	2022-09-09 16:51:34	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1592	2067	1950	1870	13.24	cps
Tin	118-1	1300	1392	1300	1331	3.98	cps
Titanium	47-1	708	525	583	606	15.47	cps
Uranium	238-1	200	192	242	211	12.69	cps
Vanadium	51-2	240	180	200	207	14.78	cps
Ytterbium	172-1	425	500	458	461	8.15	cps
Ytterbium	172-2	222	139	217	193	24.19	cps
Ytterbium	176-1	2034	1909	1967	1970	3.18	cps
Ytterbium	176-2	8787	7180	7891	7953	10.12	cps
Yttrium	89-1	13151396	13801629	13938303	13630443	3.08	cps
Yttrium	89-2	1721291	1417409	1586704	1575134	9.67	cps
Zinc	66-2	50286	53173	51059	51506	2.90	cps
Zirconium	90-1	2541	983	1058	1528	57.51	cps
Zirconium	91-1	183	208	192	194	6.55	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-12	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:54:41	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9267	9123	9045	9145	1.23	cps
Antimony	121-1	583	658	608	617	6.19	cps
Arsenic	75-2	84	81	74	80	6.44	cps
Barium	135-1	100701	99517	97915	99378	1.41	cps
Barium	137-1	170994	173390	166531	170305	2.04	cps
Beryllium	9-1	995	959	985	979	1.91	cps
Bismuth	209-1	5754461	5661194	5319144	5578266	4.11	cps
Bismuth	209-2	2917620	2907134	2795804	2873519	2.35	cps
Boron	10-1	34349	35562	36061	35324	2.49	cps
Boron	11-1	153959	156838	163266	158021	3.02	cps
Bromine	81-1	111036	119831	123538	118135	5.44	cps
Cadmium	111-1	3622	3676	3407	3568	3.98	cps
Cadmium	106-1	5076	5143	4684	4968	4.99	cps
Cadmium	108-1	33	17	25	25	33.32	cps
Calcium	43-1	589574	592204	593449	591742	0.33	cps
Calcium	44-1	9435929	9847561	9714830	9666107	2.17	cps
Carbon	12-1	7904274	8483036	9042137	8476482	6.71	cps
Carbon	12-2	107400	106997	110682	108360	1.87	cps
Chlorine	35-1	4018151	4218342	4462862	4233118	5.26	cps
Chlorine	35-2	36580	36848	38527	37318	2.83	cps
Chromium	52-2	2134	1953	1893	1993	6.27	cps
Cobalt	59-2	85975	86377	86254	86202	0.24	cps
Copper	63-2	23583	23560	23399	23514	0.42	cps
Dysprosium	156-1	2450	2175	2292	2306	5.99	cps
Dysprosium	156-2	917	983	803	901	10.10	cps
Erbium	164-1	2334	2250	2092	2225	5.52	cps
Erbium	164-2	943	937	927	936	0.90	cps
Gadolinium	160-1	2125	2184	2275	2195	3.45	cps
Gadolinium	160-2	1117	1197	1180	1165	3.62	cps
Gold	197-1	8	0	8	6	86.60	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9276551	9545391	8868490	9230144	3.69	cps
Holmium	165-2	4177705	4314672	3942155	4144844	4.55	cps
Indium	115-1	7512900	7993573	7171073	7559182	5.47	cps
Indium	115-2	1258203	1237872	1195746	1230607	2.59	cps
Iron	56-2	9524868	9759056	9753230	9679052	1.38	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-12	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:54:41	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	244553	239164	234229	239315	2.16	cps
Iron	54-2	533706	520789	508931	521142	2.38	cps
Krypton	83-1	375	367	351	365	3.33	cps
Lead	206-1	1761	1667	1595	1674	4.99	cps
Lead	207-1	1417	1439	1367	1408	2.63	cps
Lead	208-1	6795	6567	6451	6605	2.65	cps
Lithium	6-1	5163882	5438647	5166010	5256180	3.01	cps
Magnesium	24-2	1813667	1774180	1758780	1782209	1.59	cps
Manganese	55-2	1122223	1093798	1099011	1105011	1.37	cps
Molybdenum	94-1	950	842	1033	942	10.21	cps
Molybdenum	95-1	433	525	592	517	15.39	cps
Molybdenum	96-1	925	1033	1175	1045	12.00	cps
Molybdenum	97-1	375	308	367	350	10.38	cps
Molybdenum	98-1	633	575	617	608	4.94	cps
Neodymium	150-1	2914	2807	2874	2865	1.88	cps
Neodymium	150-2	943	933	870	916	4.34	cps
Nickel	60-2	26805	25984	26057	26282	1.73	cps
Phosphorus	31-2	258	292	217	256	14.71	cps
Potassium	39-2	613874	591806	595904	600528	1.95	cps
Rhodium	103-1	7245948	7833942	7222568	7434153	4.66	cps
Rhodium	103-2	3481605	3512655	3303864	3432708	3.28	cps
Scandium	45-1	5677532	6267846	5580776	5842051	6.37	cps
Scandium	45-2	219313	217029	212169	216170	1.69	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	98	85	92	92	7.10	cps
Selenium	82-1	74	61	81	72	14.02	cps
Silicon	28-1	30775685	30032337	30104426	30304149	1.35	cps
Silver	107-1	475	383	308	389	21.47	cps
Silver	109-1	325	292	333	317	6.96	cps
Sodium	23-2	21323280	20639719	20167611	20710203	2.81	cps
Strontium	86-1	549497	547567	544526	547197	0.46	cps
Strontium	88-1	4731084	4727058	4783791	4747311	0.67	cps
Sulfur	34-1	1084815	1097158	1104670	1095548	0.92	cps
Terbium	159-1	9370478	9801994	8992561	9388345	4.31	cps
Terbium	159-2	4116730	4030323	3987895	4044983	1.62	cps
Thallium	203-1	975	1192	1008	1058	11.02	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-12	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 16:54:41	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2284	2775	2559	2539	9.71	cps
Tin	118-1	1350	1258	1183	1264	6.60	cps
Titanium	47-1	967	1125	883	992	12.38	cps
Uranium	238-1	508	492	567	522	7.54	cps
Vanadium	51-2	357	303	357	339	9.09	cps
Ytterbium	172-1	1567	1825	1608	1667	8.32	cps
Ytterbium	172-2	800	961	850	870	9.48	cps
Ytterbium	176-1	2392	2600	2717	2570	6.41	cps
Ytterbium	176-2	8042	8703	8292	8345	4.00	cps
Yttrium	89-1	13229272	14071672	13000182	13433709	4.20	cps
Yttrium	89-2	1651648	1626154	1545188	1607663	3.46	cps
Zinc	66-2	15559	14971	15015	15182	2.16	cps
Zirconium	90-1	1567	1875	2242	1895	17.84	cps
Zirconium	91-1	317	417	517	417	24.00	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147466BS	Instrumnet Name :	P8
Client Sample ID :	PB147466BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:06:17	DataFile Name :	079LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	646018	643905	629219	639714	1.43	cps
Antimony	121-1	467	450	517	478	7.26	cps
Arsenic	75-2	16	17	29	21	35.00	cps
Barium	135-1	242	383	450	358	29.69	cps
Barium	137-1	683	667	817	722	11.38	cps
Beryllium	9-1	189	209	220	206	7.69	cps
Bismuth	209-1	5791948	5532962	5623121	5649344	2.33	cps
Bismuth	209-2	2779739	2809444	2699511	2762898	2.06	cps
Boron	10-1	2198	2152	2196	2182	1.19	cps
Boron	11-1	9563	9651	9695	9637	0.70	cps
Bromine	81-1	63640	64648	61840	63376	2.24	cps
Cadmium	111-1	3456	3555	3233	3415	4.83	cps
Cadmium	106-1	4859	5018	4501	4793	5.53	cps
Cadmium	108-1	29	17	25	24	26.95	cps
Calcium	43-1	1208460	1172563	1169788	1183604	1.82	cps
Calcium	44-1	19476015	19357625	19072026	19301889	1.08	cps
Carbon	12-1	3970406	3886607	3887730	3914914	1.23	cps
Carbon	12-2	43523	43808	45212	44181	2.05	cps
Chlorine	35-1	1775381	1746777	1708065	1743408	1.94	cps
Chlorine	35-2	13290	12889	12447	12876	3.27	cps
Chromium	52-2	1367	1360	1333	1353	1.30	cps
Cobalt	59-2	2230	2044	1913	2062	7.72	cps
Copper	63-2	2100	2074	2130	2101	1.35	cps
Dysprosium	156-1	75	67	92	78	16.37	cps
Dysprosium	156-2	23	27	30	27	12.51	cps
Erbium	164-1	42	8	92	47	88.83	cps
Erbium	164-2	13	10	23	16	44.60	cps
Gadolinium	160-1	100	217	158	158	36.84	cps
Gadolinium	160-2	140	97	97	111	22.51	cps
Gold	197-1	0	8	17	8	100.02	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	9699173	9486497	9479985	9555218	1.31	cps
Holmium	165-2	4215424	4120887	4089393	4141901	1.58	cps
Indium	115-1	7746705	7354677	7575340	7558908	2.60	cps
Indium	115-2	1207493	1234935	1192936	1211788	1.76	cps
Iron	56-2	42236575	42631437	40931209	41933074	2.12	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147466BS	Instrumnet Name :	P8
Client Sample ID :	PB147466BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:06:17	DataFile Name :	079LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1036558	1036617	1000718	1024631	2.02	cps
Iron	54-2	2418127	2424578	2306826	2383177	2.78	cps
Krypton	83-1	375	374	351	367	3.65	cps
Lead	206-1	1145	1039	1139	1107	5.36	cps
Lead	207-1	978	1022	872	957	8.05	cps
Lead	208-1	4500	4173	4473	4382	4.15	cps
Lithium	6-1	5398165	5291003	5325913	5338361	1.02	cps
Magnesium	24-2	9383084	9050838	9017527	9150483	2.21	cps
Manganese	55-2	4937239	4914694	4925105	4925679	0.23	cps
Molybdenum	94-1	767	842	1067	892	17.51	cps
Molybdenum	95-1	1167	917	1050	1045	11.98	cps
Molybdenum	96-1	2300	2709	2550	2520	8.17	cps
Molybdenum	97-1	325	192	408	308	35.45	cps
Molybdenum	98-1	592	583	592	589	0.82	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	543	407	450	467	14.97	cps
Phosphorus	31-2	217	208	267	231	13.69	cps
Potassium	39-2	3383296	3301658	3283224	3322726	1.60	cps
Rhodium	103-1	7355540	7538662	7565807	7486670	1.53	cps
Rhodium	103-2	3435363	3452201	3409967	3432510	0.62	cps
Scandium	45-1	6012624	5989032	5974015	5991891	0.32	cps
Scandium	45-2	217016	216377	206850	213414	2.67	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	84	71	98	84	16.01	cps
Selenium	82-1	16	23	19	19	16.41	cps
Silicon	28-1	792714	780828	781038	784860	0.87	cps
Silver	107-1	5076	2850	2400	3442	41.62	cps
Silver	109-1	4818	2925	2250	3331	39.95	cps
Sodium	23-2	17235015	16967977	17001880	17068291	0.85	cps
Strontium	86-1	1834	1759	1800	1797	2.09	cps
Strontium	88-1	11130	10679	10963	10924	2.08	cps
Sulfur	34-1	393980	388425	395024	392476	0.90	cps
Terbium	159-1	9484223	9259924	9568920	9437689	1.69	cps
Terbium	159-2	4142150	4185180	4051163	4126164	1.66	cps
Thallium	203-1	1158	1125	1108	1131	2.25	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147466BS	Instrumnet Name :	P8
Client Sample ID :	PB147466BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:06:17	DataFile Name :	079LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2550	2809	2817	2725	5.56	cps
Tin	118-1	1300	1850	1508	1553	17.88	cps
Titanium	47-1	333	442	433	403	14.97	cps
Uranium	238-1	58	158	108	108	46.15	cps
Vanadium	51-2	43	47	87	59	40.95	cps
Ytterbium	172-1	42	50	75	56	31.22	cps
Ytterbium	172-2	44	28	11	28	60.01	cps
Ytterbium	176-1	1542	1500	1558	1533	1.96	cps
Ytterbium	176-2	7886	8381	8836	8368	5.68	cps
Yttrium	89-1	13449761	13480665	13512030	13480819	0.23	cps
Yttrium	89-2	1597075	1578206	1563614	1579632	1.06	cps
Zinc	66-2	577	653	537	589	10.07	cps
Zirconium	90-1	1117	1275	1717	1370	22.71	cps
Zirconium	91-1	208	267	333	269	23.21	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147467BS	Instrumnet Name :	P8
Client Sample ID :	PB147467BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:09:21	DataFile Name :	080LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	673921	655793	654663	661459	1.63	cps
Antimony	121-1	550	392	542	494	18.02	cps
Arsenic	75-2	22	19	26	22	15.72	cps
Barium	135-1	442	317	358	372	17.10	cps
Barium	137-1	675	717	692	694	3.02	cps
Beryllium	9-1	211	199	192	201	4.75	cps
Bismuth	209-1	5595583	5681833	5686563	5654660	0.91	cps
Bismuth	209-2	2811672	2719056	2380268	2636999	8.61	cps
Boron	10-1	1924	1868	1812	1868	3.00	cps
Boron	11-1	8283	8081	8041	8135	1.60	cps
Bromine	81-1	62405	58965	63752	61707	4.00	cps
Cadmium	111-1	3530	3554	3539	3541	0.35	cps
Cadmium	106-1	4984	4968	4984	4979	0.19	cps
Cadmium	108-1	25	21	29	25	16.68	cps
Calcium	43-1	1218883	1183424	1209412	1203906	1.52	cps
Calcium	44-1	19230761	18798356	18932244	18987120	1.17	cps
Carbon	12-1	3924708	3872022	3879978	3892236	0.73	cps
Carbon	12-2	43849	44309	43574	43911	0.85	cps
Chlorine	35-1	1340182	1325020	1271332	1312178	2.76	cps
Chlorine	35-2	9745	9845	9528	9706	1.67	cps
Chromium	52-2	1363	1523	1447	1445	5.54	cps
Cobalt	59-2	2050	2250	2100	2134	4.88	cps
Copper	63-2	2264	2150	1913	2109	8.47	cps
Dysprosium	156-1	58	133	58	83	51.96	cps
Dysprosium	156-2	13	27	27	22	34.66	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	17	17	7	13	43.29	cps
Gadolinium	160-1	142	75	67	94	43.53	cps
Gadolinium	160-2	123	127	97	116	14.23	cps
Gold	197-1	8	0	0	3	173.21	cps
Gold	197-2	0	11	0	4	173.21	cps
Holmium	165-1	9513375	9378838	9346569	9412927	0.94	cps
Holmium	165-2	4124304	4163390	3540527	3942740	8.85	cps
Indium	115-1	7830062	7656471	7492765	7659766	2.20	cps
Indium	115-2	1219573	1212220	1003386	1145060	10.72	cps
Iron	56-2	42412861	42755370	41235741	42134657	1.89	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147467BS	Instrumnet Name :	P8
Client Sample ID :	PB147467BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:09:21	DataFile Name :	080LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1056937	1033584	1042395	1044305	1.13	cps
Iron	54-2	2417631	2363333	2396981	2392648	1.15	cps
Krypton	83-1	362	377	365	368	2.18	cps
Lead	206-1	1028	1022	1111	1054	4.73	cps
Lead	207-1	867	789	922	859	7.79	cps
Lead	208-1	3989	3978	4467	4145	6.74	cps
Lithium	6-1	5300873	5208819	5307884	5272525	1.05	cps
Magnesium	24-2	9307964	9043407	9247630	9199667	1.51	cps
Manganese	55-2	5004162	5000813	5002882	5002619	0.03	cps
Molybdenum	94-1	558	733	967	753	27.21	cps
Molybdenum	95-1	867	942	1092	967	11.85	cps
Molybdenum	96-1	2517	2417	2409	2448	2.46	cps
Molybdenum	97-1	442	317	492	417	21.63	cps
Molybdenum	98-1	742	783	733	753	3.56	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	13	3	6	124.93	cps
Nickel	60-2	597	520	520	546	8.11	cps
Phosphorus	31-2	267	208	317	264	20.55	cps
Potassium	39-2	3436312	3333629	3372795	3380912	1.53	cps
Rhodium	103-1	7730888	7192838	7208139	7377289	4.15	cps
Rhodium	103-2	3364809	3334687	2870950	3190149	8.68	cps
Scandium	45-1	6120481	5840896	6229082	6063486	3.30	cps
Scandium	45-2	211743	209722	179438	200301	9.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	86	78	91	85	7.71	cps
Selenium	82-1	18	-38	26	2	1658.79	cps
Silicon	28-1	784328	781494	770433	778752	0.94	cps
Silver	107-1	1884	1142	1117	1381	31.55	cps
Silver	109-1	1592	1042	1033	1222	26.18	cps
Sodium	23-2	17560005	16905676	17104397	17190026	1.95	cps
Strontium	86-1	1692	2075	1884	1884	10.18	cps
Strontium	88-1	10788	11222	10838	10949	2.17	cps
Sulfur	34-1	395392	394907	395890	395396	0.12	cps
Terbium	159-1	9814089	9323388	9131275	9422917	3.74	cps
Terbium	159-2	4029027	3861159	3370291	3753492	9.12	cps
Thallium	203-1	1142	1117	1133	1131	1.13	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	PB147467BS	Instrumnet Name :	P8
Client Sample ID :	PB147467BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:09:21	DataFile Name :	080LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2609	2917	2525	2684	7.69	cps
Tin	118-1	1508	1475	1650	1545	6.02	cps
Titanium	47-1	350	358	333	347	3.67	cps
Uranium	238-1	58	92	92	81	23.89	cps
Vanadium	51-2	40	100	37	59	60.52	cps
Ytterbium	172-1	58	100	92	83	26.45	cps
Ytterbium	172-2	39	22	28	30	28.65	cps
Ytterbium	176-1	1709	1533	1617	1620	5.41	cps
Ytterbium	176-2	7747	8086	6741	7525	9.30	cps
Yttrium	89-1	13462952	13618623	13218286	13433287	1.50	cps
Yttrium	89-2	1610663	1550367	1336820	1499283	9.60	cps
Zinc	66-2	663	687	690	680	2.14	cps
Zirconium	90-1	1042	1200	1367	1203	13.51	cps
Zirconium	91-1	192	283	283	253	20.94	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11MS	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122MS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:13:04	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	736255	735693	718110	730019	1.41	cps
Antimony	121-1	858	1075	1033	989	11.63	cps
Arsenic	75-2	137	133	139	136	2.24	cps
Barium	135-1	97879	97651	96705	97412	0.64	cps
Barium	137-1	164964	169940	169611	168172	1.65	cps
Beryllium	9-1	1137	1085	1132	1118	2.59	cps
Bismuth	209-1	5490902	5334448	5406547	5410632	1.45	cps
Bismuth	209-2	2716170	2740408	2706472	2721017	0.64	cps
Boron	10-1	30822	32343	32852	32006	3.30	cps
Boron	11-1	137100	139567	143910	140193	2.46	cps
Bromine	81-1	96812	104980	107269	103020	5.34	cps
Cadmium	111-1	3626	3481	3470	3526	2.46	cps
Cadmium	106-1	5009	4893	4834	4912	1.81	cps
Cadmium	108-1	50	63	79	64	22.91	cps
Calcium	43-1	1788066	1794079	1871731	1817959	2.57	cps
Calcium	44-1	28077582	28815977	28299058	28397539	1.33	cps
Carbon	12-1	6866185	7423693	7905567	7398482	7.03	cps
Carbon	12-2	93229	95720	95862	94937	1.56	cps
Chlorine	35-1	3047278	3278048	3480073	3268466	6.63	cps
Chlorine	35-2	27602	30499	31552	29884	6.84	cps
Chromium	52-2	10634	10491	10404	10510	1.11	cps
Cobalt	59-2	89724	88007	88517	88749	0.99	cps
Copper	63-2	6805	6528	6795	6709	2.34	cps
Dysprosium	156-1	3426	3617	3392	3478	3.49	cps
Dysprosium	156-2	1450	1407	1560	1472	5.37	cps
Erbium	164-1	3175	3751	3567	3498	8.40	cps
Erbium	164-2	1423	1337	1430	1397	3.73	cps
Gadolinium	160-1	3701	3526	3842	3690	4.30	cps
Gadolinium	160-2	1643	1813	1750	1736	4.95	cps
Gold	197-1	8	0	8	6	86.60	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9333022	9022617	9168169	9174602	1.69	cps
Holmium	165-2	3981740	4204249	3921707	4035899	3.69	cps
Indium	115-1	7763407	7358943	7564448	7562266	2.67	cps
Indium	115-2	1158078	1183951	1186181	1176070	1.33	cps
Iron	56-2	54495126	55084892	55130773	54903597	0.65	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11MS	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122MS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:13:04	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1407967	1412382	1406717	1409022	0.21	cps
Iron	54-2	3107191	3106646	3047210	3087016	1.12	cps
Krypton	83-1	359	331	339	343	4.15	cps
Lead	206-1	4012	3801	3906	3906	2.70	cps
Lead	207-1	3639	3289	3156	3362	7.43	cps
Lead	208-1	15721	15209	14815	15248	2.98	cps
Lithium	6-1	5332695	5252692	5171112	5252166	1.54	cps
Magnesium	24-2	10737699	11094169	10355134	10729001	3.44	cps
Manganese	55-2	5962294	6111134	6073359	6048929	1.28	cps
Molybdenum	94-1	2009	1884	2334	2075	11.20	cps
Molybdenum	95-1	1667	1600	1608	1625	2.24	cps
Molybdenum	96-1	3576	3584	3559	3573	0.36	cps
Molybdenum	97-1	508	708	775	664	20.90	cps
Molybdenum	98-1	1233	1583	1133	1317	17.95	cps
Neodymium	150-1	4354	4087	4394	4279	3.90	cps
Neodymium	150-2	1470	1350	1510	1443	5.77	cps
Nickel	60-2	25346	25753	25667	25589	0.84	cps
Phosphorus	31-2	317	267	317	300	9.62	cps
Potassium	39-2	4011838	4143341	4064669	4073283	1.62	cps
Rhodium	103-1	7355968	7401616	7087850	7281811	2.33	cps
Rhodium	103-2	3267336	3344593	3249588	3287173	1.54	cps
Scandium	45-1	6015207	5999754	5763270	5926077	2.38	cps
Scandium	45-2	206219	211448	209157	208941	1.25	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	84	96	85	88	7.54	cps
Selenium	82-1	70	131	147	116	35.16	cps
Silicon	28-1	30203327	30347325	30045039	30198564	0.50	cps
Silver	107-1	333	633	525	497	30.55	cps
Silver	109-1	408	483	367	419	14.10	cps
Sodium	23-2	36400781	37464060	36900670	36921837	1.44	cps
Strontium	86-1	521932	519556	522604	521364	0.31	cps
Strontium	88-1	4598669	4680991	4614332	4631331	0.94	cps
Sulfur	34-1	1090747	1089755	1081903	1087468	0.45	cps
Terbium	159-1	9339544	9506508	9417078	9421043	0.89	cps
Terbium	159-2	3844589	3952529	3932273	3909797	1.47	cps
Thallium	203-1	1283	1542	1292	1372	10.70	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11MS	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122MS	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:13:04	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3567	3351	3334	3417	3.81	cps
Tin	118-1	1825	1975	1809	1870	4.91	cps
Titanium	47-1	1783	1767	1567	1706	7.07	cps
Uranium	238-1	1000	1225	942	1056	14.17	cps
Vanadium	51-2	850	953	917	907	5.78	cps
Ytterbium	172-1	1875	2117	2225	2072	8.65	cps
Ytterbium	172-2	867	967	995	943	7.13	cps
Ytterbium	176-1	2634	2609	2384	2542	5.42	cps
Ytterbium	176-2	8142	8219	8447	8269	1.92	cps
Yttrium	89-1	13484876	13408644	13169850	13354456	1.23	cps
Yttrium	89-2	1549564	1565456	1533208	1549409	1.04	cps
Zinc	66-2	223807	227402	222991	224733	1.04	cps
Zirconium	90-1	3117	3676	4584	3792	19.53	cps
Zirconium	91-1	625	675	933	744	22.23	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11MSD	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122MSE	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:16:03	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	609055	595156	580118	594776	2.43	cps
Antimony	121-1	1092	1017	1083	1064	3.87	cps
Arsenic	75-2	125	118	130	124	4.85	cps
Barium	135-1	98157	100616	97956	98910	1.50	cps
Barium	137-1	176183	172513	167324	172007	2.59	cps
Beryllium	9-1	1150	1207	1132	1163	3.37	cps
Bismuth	209-1	5420717	5756982	5633246	5603648	3.04	cps
Bismuth	209-2	2886831	2579274	2671544	2712550	5.82	cps
Boron	10-1	33015	34485	35113	34204	3.15	cps
Boron	11-1	147881	151011	151919	150270	1.41	cps
Bromine	81-1	107581	109840	118218	111880	5.01	cps
Cadmium	111-1	3473	4216	3555	3748	10.88	cps
Cadmium	106-1	4884	5901	4918	5234	11.04	cps
Cadmium	108-1	96	63	42	67	40.98	cps
Calcium	43-1	1785338	1866412	1811719	1821156	2.27	cps
Calcium	44-1	28915201	29857206	28673135	29148514	2.15	cps
Carbon	12-1	7651875	8277353	8508553	8145927	5.44	cps
Carbon	12-2	104270	102944	103858	103691	0.65	cps
Chlorine	35-1	3619399	3836778	3832648	3762942	3.30	cps
Chlorine	35-2	32053	32796	33297	32715	1.91	cps
Chromium	52-2	10661	10387	10250	10433	2.00	cps
Cobalt	59-2	91100	89651	89155	89968	1.12	cps
Copper	63-2	6442	6602	6355	6466	1.94	cps
Dysprosium	156-1	3626	3759	3317	3567	6.35	cps
Dysprosium	156-2	1597	1483	1467	1516	4.67	cps
Erbium	164-1	3209	3467	3426	3367	4.12	cps
Erbium	164-2	1380	1433	1377	1397	2.28	cps
Gadolinium	160-1	3601	3751	3551	3634	2.87	cps
Gadolinium	160-2	1737	1747	1807	1763	2.15	cps
Gold	197-1	8	17	17	14	34.67	cps
Gold	197-2	0	11	0	4	173.21	cps
Holmium	165-1	9063350	9180632	9264650	9169544	1.10	cps
Holmium	165-2	4155669	4104151	3946570	4068797	2.68	cps
Indium	115-1	7584655	7704258	7611356	7633423	0.82	cps
Indium	115-2	1225108	1175130	1200256	1200165	2.08	cps
Iron	56-2	54806367	56250180	54306821	55121123	1.83	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11MSD	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122MSE	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:16:03	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1436798	1431871	1360202	1409624	3.04	cps
Iron	54-2	3146009	3053213	3053069	3084097	1.74	cps
Krypton	83-1	371	315	331	339	8.53	cps
Lead	206-1	3684	3767	3556	3669	2.90	cps
Lead	207-1	3078	3478	3312	3289	6.11	cps
Lead	208-1	14565	15137	14448	14717	2.51	cps
Lithium	6-1	5176913	5422590	5189329	5262944	2.63	cps
Magnesium	24-2	10878411	11245350	10549102	10890954	3.20	cps
Manganese	55-2	6264761	6146855	6004034	6138550	2.13	cps
Molybdenum	94-1	1608	1342	1917	1622	17.74	cps
Molybdenum	95-1	1600	1767	1633	1667	5.29	cps
Molybdenum	96-1	3642	3859	3559	3687	4.20	cps
Molybdenum	97-1	617	658	600	625	4.81	cps
Molybdenum	98-1	1517	1608	1317	1481	10.07	cps
Neodymium	150-1	4568	4588	4601	4585	0.37	cps
Neodymium	150-2	1427	1483	1303	1405	6.55	cps
Nickel	60-2	26181	26408	26104	26231	0.60	cps
Phosphorus	31-2	333	217	233	261	24.17	cps
Potassium	39-2	4122907	4029576	3899917	4017467	2.79	cps
Rhodium	103-1	7304210	7585302	7465098	7451537	1.89	cps
Rhodium	103-2	3392639	3364512	3371635	3376262	0.43	cps
Scandium	45-1	6021775	6273263	5968808	6087949	2.67	cps
Scandium	45-2	217771	207580	207326	210892	2.83	cps
Selenium	77-2	0	13	3	6	124.93	cps
Selenium	78-2	104	90	93	96	7.70	cps
Selenium	82-1	109	137	111	119	13.36	cps
Silicon	28-1	30381388	31218814	30540115	30713439	1.45	cps
Silver	107-1	417	417	492	442	9.80	cps
Silver	109-1	450	317	367	378	17.83	cps
Sodium	23-2	37512882	37894622	36914506	37440670	1.32	cps
Strontium	86-1	527690	535925	533790	532468	0.80	cps
Strontium	88-1	4607018	4593903	4573935	4591619	0.36	cps
Sulfur	34-1	1074780	1080615	1079578	1078324	0.29	cps
Terbium	159-1	9524242	9667415	9570026	9587228	0.76	cps
Terbium	159-2	4203812	3940558	4040633	4061668	3.27	cps
Thallium	203-1	1242	1133	1000	1125	10.76	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11MSD	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122MSE	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:16:03	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2900	3217	3025	3048	5.24	cps
Tin	118-1	2050	1825	2050	1975	6.58	cps
Titanium	47-1	1617	1750	1408	1592	10.82	cps
Uranium	238-1	1108	1008	1083	1067	4.88	cps
Vanadium	51-2	933	927	913	924	1.10	cps
Ytterbium	172-1	1892	1859	2034	1928	4.82	cps
Ytterbium	172-2	950	956	906	937	2.92	cps
Ytterbium	176-1	2584	2842	2875	2767	5.77	cps
Ytterbium	176-2	8475	8197	8514	8395	2.06	cps
Yttrium	89-1	13684016	13887893	13379681	13650530	1.87	cps
Yttrium	89-2	1598106	1562233	1604359	1588233	1.43	cps
Zinc	66-2	234563	232604	228172	231780	1.41	cps
Zirconium	90-1	2675	3392	3451	3173	13.61	cps
Zirconium	91-1	792	550	717	686	18.03	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11A	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122A	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:19:05	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667701	663781	651266	660916	1.30	cps
Antimony	121-1	1125	1200	1117	1147	4.00	cps
Arsenic	75-2	128	134	114	125	8.19	cps
Barium	135-1	99308	99577	97326	98737	1.24	cps
Barium	137-1	175582	177221	168770	173857	2.58	cps
Beryllium	9-1	1117	1116	1082	1105	1.80	cps
Bismuth	209-1	5028027	5163588	5173263	5121626	1.59	cps
Bismuth	209-2	2613375	2703156	2638389	2651640	1.75	cps
Boron	10-1	32766	34786	35432	34328	4.05	cps
Boron	11-1	148366	155418	158062	153949	3.26	cps
Bromine	81-1	107219	108268	114935	110140	3.80	cps
Cadmium	111-1	3244	3376	3362	3327	2.18	cps
Cadmium	106-1	4584	4701	4768	4684	1.98	cps
Cadmium	108-1	75	75	83	78	6.18	cps
Calcium	43-1	1806104	1868419	1794456	1822993	2.18	cps
Calcium	44-1	28192458	29087094	28512525	28597359	1.59	cps
Carbon	12-1	7703455	8228921	8586821	8173066	5.44	cps
Carbon	12-2	101198	103513	104178	102963	1.52	cps
Chlorine	35-1	3816203	4101616	4096139	4004653	4.08	cps
Chlorine	35-2	34417	33957	34366	34247	0.74	cps
Chromium	52-2	10747	10584	10704	10679	0.79	cps
Cobalt	59-2	88725	89429	87531	88562	1.08	cps
Copper	63-2	6215	6518	6718	6484	3.91	cps
Dysprosium	156-1	3742	3376	3659	3592	5.35	cps
Dysprosium	156-2	1780	1567	1593	1647	7.06	cps
Erbium	164-1	3417	3726	3601	3581	4.33	cps
Erbium	164-2	1413	1373	1287	1358	4.77	cps
Gadolinium	160-1	3892	3834	3626	3784	3.71	cps
Gadolinium	160-2	1717	1687	1640	1681	2.30	cps
Gold	197-1	0	17	17	11	86.60	cps
Gold	197-2	0	0	6	2	173.21	cps
Holmium	165-1	8705610	8841594	8935650	8827618	1.31	cps
Holmium	165-2	3986302	4081745	4079824	4049291	1.35	cps
Indium	115-1	6878413	7308747	7124394	7103851	3.04	cps
Indium	115-2	1160697	1178598	1187706	1175667	1.17	cps
Iron	56-2	55747672	55457110	52863680	54689487	2.90	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11A	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122A	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:19:05	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1384091	1329437	1367214	1360248	2.06	cps
Iron	54-2	3056575	3067924	3038326	3054275	0.49	cps
Krypton	83-1	341	361	356	353	2.95	cps
Lead	206-1	3462	3662	3967	3697	6.89	cps
Lead	207-1	3289	2906	3234	3143	6.59	cps
Lead	208-1	14209	14120	14759	14363	2.41	cps
Lithium	6-1	4796437	5034716	5068812	4966655	2.99	cps
Magnesium	24-2	10918639	10766077	10880621	10855112	0.73	cps
Manganese	55-2	6163301	6159525	6102997	6141941	0.55	cps
Molybdenum	94-1	1734	1700	1867	1767	4.99	cps
Molybdenum	95-1	1500	1492	1775	1589	10.15	cps
Molybdenum	96-1	3726	3642	3751	3706	1.53	cps
Molybdenum	97-1	558	675	608	614	9.53	cps
Molybdenum	98-1	1417	1467	1400	1428	2.43	cps
Neodymium	150-1	4754	4341	4581	4559	4.55	cps
Neodymium	150-2	1400	1360	1387	1382	1.47	cps
Nickel	60-2	26024	26128	25269	25807	1.82	cps
Phosphorus	31-2	317	325	275	306	8.77	cps
Potassium	39-2	4056467	4032981	4074957	4054802	0.52	cps
Rhodium	103-1	6734769	7188764	6838799	6920778	3.44	cps
Rhodium	103-2	3196030	3273060	3370970	3280020	2.67	cps
Scandium	45-1	5455517	5846987	6038701	5780401	5.14	cps
Scandium	45-2	207767	203782	207119	206223	1.04	cps
Selenium	77-2	3	17	13	11	62.48	cps
Selenium	78-2	80	89	94	88	8.09	cps
Selenium	82-1	112	116	151	127	16.87	cps
Silicon	28-1	31104684	30998472	30218086	30773747	1.57	cps
Silver	107-1	467	558	533	519	9.12	cps
Silver	109-1	367	342	308	339	8.63	cps
Sodium	23-2	37898355	37458937	37210157	37522483	0.93	cps
Strontium	86-1	529229	527070	537088	531129	0.99	cps
Strontium	88-1	4620117	4644736	4600001	4621618	0.48	cps
Sulfur	34-1	1091443	1103511	1072002	1088985	1.46	cps
Terbium	159-1	8749713	9053468	9189534	8997572	2.50	cps
Terbium	159-2	3841359	4015870	3850428	3902553	2.52	cps
Thallium	203-1	983	1042	1125	1050	6.78	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-11A	Instrumnet Name :	P8
Client Sample ID :	MW-02-4-14-090122A	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:19:05	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2692	2842	2650	2728	3.70	cps
Tin	118-1	2117	2017	1642	1925	13.01	cps
Titanium	47-1	1859	1767	1892	1839	3.52	cps
Uranium	238-1	1208	958	992	1053	12.89	cps
Vanadium	51-2	940	820	853	871	7.11	cps
Ytterbium	172-1	1917	2084	2200	2067	6.89	cps
Ytterbium	172-2	772	989	906	889	12.30	cps
Ytterbium	176-1	2517	2609	2884	2670	7.15	cps
Ytterbium	176-2	8075	8458	8581	8371	3.15	cps
Yttrium	89-1	12808229	12812998	13384121	13001783	2.55	cps
Yttrium	89-2	1492101	1556335	1546148	1531528	2.25	cps
Zinc	66-2	226638	229217	223768	226541	1.20	cps
Zirconium	90-1	2875	3125	3484	3162	9.67	cps
Zirconium	91-1	642	708	817	722	12.23	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:23:11	DataFile Name :	084CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3268257	3157263	3141837	3189119	2.16	cps
Antimony	121-1	2538893	2500636	2457793	2499107	1.62	cps
Arsenic	75-2	83079	81920	80545	81848	1.55	cps
Barium	135-1	3414087	3465164	3320302	3399851	2.16	cps
Barium	137-1	5820868	5901845	5671928	5798214	2.01	cps
Beryllium	9-1	1179906	1204892	1203034	1195944	1.16	cps
Bismuth	209-1	5042295	5092407	5319222	5151308	2.86	cps
Bismuth	209-2	2618056	2586507	2618231	2607598	0.70	cps
Boron	10-1	302512	314351	318213	311692	2.62	cps
Boron	11-1	1249964	1290214	1344140	1294772	3.65	cps
Bromine	81-1	68038	70944	68055	69012	2.42	cps
Cadmium	111-1	719220	711430	696376	709009	1.64	cps
Cadmium	106-1	88995	89600	88283	88960	0.74	cps
Cadmium	108-1	57670	57197	56612	57160	0.93	cps
Calcium	43-1	5567239	5688260	5595633	5617044	1.13	cps
Calcium	44-1	90545195	85788769	89083395	88472453	2.75	cps
Carbon	12-1	5460371	5582076	5779673	5607373	2.87	cps
Carbon	12-2	67949	65580	65714	66414	2.00	cps
Chlorine	35-1	1492436	1452077	1424257	1456257	2.35	cps
Chlorine	35-2	11029	10846	10329	10735	3.38	cps
Chromium	52-2	899225	877852	870961	882679	1.67	cps
Cobalt	59-2	1600286	1631371	1594743	1608800	1.23	cps
Copper	63-2	12288960	11589246	11755929	11878045	3.08	cps
Dysprosium	156-1	500	458	533	497	7.56	cps
Dysprosium	156-2	163	160	173	166	4.19	cps
Erbium	164-1	133	42	50	75	67.59	cps
Erbium	164-2	27	37	20	28	30.20	cps
Gadolinium	160-1	358	333	417	369	11.58	cps
Gadolinium	160-2	207	197	220	208	5.63	cps
Gold	197-1	42	17	42	33	43.30	cps
Gold	197-2	83	111	67	87	25.79	cps
Holmium	165-1	9094118	9022110	9199877	9105368	0.98	cps
Holmium	165-2	4113276	4065971	4202051	4127099	1.67	cps
Indium	115-1	7330222	6998883	7398277	7242460	2.95	cps
Indium	115-2	1164842	1165767	1191019	1173876	1.27	cps
Iron	56-2	192746299	183750904	182608287	186368497	2.98	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:23:11	DataFile Name :	084CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4859754	4724024	4602388	4728722	2.72	cps
Iron	54-2	10513979	10361907	10003368	10293085	2.55	cps
Krypton	83-1	367	384	376	376	2.16	cps
Lead	206-1	10779475	11043725	11179646	11000949	1.85	cps
Lead	207-1	9533745	9680792	9553433	9589324	0.83	cps
Lead	208-1	43643110	43917540	44123521	43894724	0.55	cps
Lithium	6-1	5112330	4922588	5322356	5119091	3.91	cps
Magnesium	24-2	40997370	41160625	39422252	40526749	2.37	cps
Manganese	55-2	5007132	4932783	4842667	4927528	1.67	cps
Molybdenum	94-1	10817229	10902839	10665620	10795229	1.11	cps
Molybdenum	95-1	16286709	15778017	15687653	15917460	2.03	cps
Molybdenum	96-1	17258465	17330362	16826518	17138448	1.59	cps
Molybdenum	97-1	9681491	9540673	9386105	9536090	1.55	cps
Molybdenum	98-1	25534214	25134886	24388031	25019044	2.33	cps
Neodymium	150-1	460	367	393	407	11.82	cps
Neodymium	150-2	33	33	40	36	10.83	cps
Nickel	60-2	417263	400634	407231	408376	2.05	cps
Phosphorus	31-2	38285	37859	37324	37822	1.27	cps
Potassium	39-2	15133139	14935919	14961363	15010140	0.71	cps
Rhodium	103-1	6804482	6631185	6905003	6780223	2.04	cps
Rhodium	103-2	3258165	3170493	3380229	3269629	3.22	cps
Scandium	45-1	5734892	5549732	5899603	5728075	3.06	cps
Scandium	45-2	213797	206630	214499	211642	2.06	cps
Selenium	77-2	2097	2134	1994	2075	3.50	cps
Selenium	78-2	7060	6988	6865	6971	1.42	cps
Selenium	82-1	63996	63965	62820	63593	1.05	cps
Silicon	28-1	18268381	18321526	18628076	18405995	1.05	cps
Silver	107-1	3787073	3684647	3668212	3713311	1.73	cps
Silver	109-1	3464813	3477528	3451202	3464514	0.38	cps
Sodium	23-2	78834889	79511102	75159318	77835103	3.01	cps
Strontium	86-1	26364246	26493018	25420991	26092752	2.24	cps
Strontium	88-1	218457322	227786105	214517271	220253566	3.09	cps
Sulfur	34-1	904858	899143	900229	901410	0.34	cps
Terbium	159-1	8946287	8987774	9131419	9021827	1.08	cps
Terbium	159-2	4122624	3866998	4202480	4064034	4.31	cps
Thallium	203-1	2521083	2596487	2530076	2549215	1.62	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:23:11	DataFile Name :	084CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	6124234	6211657	6214109	6183333	0.83	cps
Tin	118-1	2421591	2413428	2411366	2415462	0.22	cps
Titanium	47-1	5146997	5170782	5141869	5153216	0.30	cps
Uranium	238-1	8672042	8782171	8654233	8702815	0.80	cps
Vanadium	51-2	753055	720500	723607	732387	2.45	cps
Ytterbium	172-1	125	183	75	128	42.44	cps
Ytterbium	172-2	56	33	72	54	36.33	cps
Ytterbium	176-1	8236	7277	7569	7694	6.39	cps
Ytterbium	176-2	10465	10354	10654	10491	1.45	cps
Yttrium	89-1	12420786	13000544	13310504	12910611	3.50	cps
Yttrium	89-2	1590473	1548668	1575687	1571609	1.35	cps
Zinc	66-2	1265728	1246148	1224721	1245532	1.65	cps
Zirconium	90-1	5572041	5729513	5573023	5624859	1.61	cps
Zirconium	91-1	1207275	1259056	1199898	1222077	2.64	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:27:45	DataFile Name :	085CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	186	169	190	182	6.24	cps
Antimony	121-1	367	458	592	472	23.96	cps
Arsenic	75-2	7	6	10	8	27.15	cps
Barium	135-1	50	67	50	56	17.32	cps
Barium	137-1	83	167	50	100	60.09	cps
Beryllium	9-1	161	197	169	176	10.88	cps
Bismuth	209-1	6077651	5736441	5731262	5848451	3.39	cps
Bismuth	209-2	2823258	2806957	2764364	2798193	1.09	cps
Boron	10-1	10452	9927	9093	9824	6.97	cps
Boron	11-1	44841	43411	40265	42839	5.47	cps
Bromine	81-1	64186	66135	66377	65566	1.83	cps
Cadmium	111-1	3399	3359	3392	3383	0.64	cps
Cadmium	106-1	4868	4743	4776	4795	1.35	cps
Cadmium	108-1	42	46	50	46	9.09	cps
Calcium	43-1	332	401	331	355	11.29	cps
Calcium	44-1	12800	13504	12335	12880	4.57	cps
Carbon	12-1	3950111	3939870	3836175	3908719	1.61	cps
Carbon	12-2	44159	43598	44058	43939	0.68	cps
Chlorine	35-1	939149	924965	909154	924423	1.62	cps
Chlorine	35-2	6969	6793	7102	6955	2.22	cps
Chromium	52-2	673	687	610	657	6.24	cps
Cobalt	59-2	90	57	63	70	25.20	cps
Copper	63-2	1570	1423	1427	1473	5.68	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	17	10	23	17	39.99	cps
Gadolinium	160-1	58	33	125	72	65.62	cps
Gadolinium	160-2	100	117	140	119	16.90	cps
Gold	197-1	33	8	8	17	86.62	cps
Gold	197-2	6	6	6	6	0.00	cps
Holmium	165-1	9355939	9418848	9124324	9299704	1.67	cps
Holmium	165-2	3940585	3908906	3955326	3934939	0.60	cps
Indium	115-1	7563724	7860544	7736762	7720344	1.93	cps
Indium	115-2	1201378	1211899	1157997	1190425	2.40	cps
Iron	56-2	5568	5557	5129	5418	4.62	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:27:45	DataFile Name :	085CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	261	228	200	230	13.33	cps
Iron	54-2	861	1028	856	915	10.70	cps
Krypton	83-1	322	342	330	332	3.05	cps
Lead	206-1	872	972	850	898	7.25	cps
Lead	207-1	744	600	744	696	11.98	cps
Lead	208-1	3222	3478	3322	3341	3.86	cps
Lithium	6-1	5611456	5369546	5290346	5423783	3.08	cps
Magnesium	24-2	533	625	558	572	8.28	cps
Manganese	55-2	150	143	150	148	2.60	cps
Molybdenum	94-1	1050	833	625	836	25.42	cps
Molybdenum	95-1	1333	1217	1108	1220	9.23	cps
Molybdenum	96-1	1383	1233	1308	1308	5.73	cps
Molybdenum	97-1	817	692	617	708	14.26	cps
Molybdenum	98-1	1900	1700	1667	1756	7.19	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	63	73	68	7.51	cps
Phosphorus	31-2	192	200	233	208	10.58	cps
Potassium	39-2	24588	25849	23578	24672	4.61	cps
Rhodium	103-1	7784478	7765839	7653354	7734557	0.92	cps
Rhodium	103-2	3343543	3453303	3328438	3375095	2.02	cps
Scandium	45-1	6106699	5862804	5816433	5928646	2.63	cps
Scandium	45-2	207595	203547	202978	204707	1.23	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	70	82	91	81	13.01	cps
Selenium	82-1	46	6	3	18	132.27	cps
Silicon	28-1	801063	795713	794766	797181	0.43	cps
Silver	107-1	692	517	558	589	15.52	cps
Silver	109-1	533	492	467	497	6.77	cps
Sodium	23-2	43415	43682	42170	43089	1.87	cps
Strontium	86-1	775	950	667	797	17.93	cps
Strontium	88-1	2150	3459	1617	2409	39.36	cps
Sulfur	34-1	374070	378221	377328	376540	0.58	cps
Terbium	159-1	9484912	9403008	9253868	9380596	1.25	cps
Terbium	159-2	3949920	3942638	3902437	3931665	0.65	cps
Thallium	203-1	700	842	708	750	10.60	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:27:45	DataFile Name :	085CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1667	1717	1592	1658	3.79	cps
Tin	118-1	1375	1033	1233	1214	14.14	cps
Titanium	47-1	467	342	417	408	15.41	cps
Uranium	238-1	42	117	25	61	79.90	cps
Vanadium	51-2	13	3	7	8	65.47	cps
Ytterbium	172-1	33	25	25	28	17.31	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	1700	1458	1450	1536	9.24	cps
Ytterbium	176-2	7402	7536	7736	7558	2.22	cps
Yttrium	89-1	14174121	13486126	13320175	13660140	3.31	cps
Yttrium	89-2	1554458	1598372	1482131	1544987	3.80	cps
Zinc	66-2	320	327	297	314	5.01	cps
Zirconium	90-1	725	592	575	631	13.04	cps
Zirconium	91-1	225	158	167	183	19.81	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022M	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:30:53	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	676217	666614	655548	666126	1.55	cps
Antimony	121-1	883	767	725	792	10.37	cps
Arsenic	75-2	606	569	572	582	3.53	cps
Barium	135-1	321313	324612	314376	320100	1.63	cps
Barium	137-1	558965	560745	547910	555873	1.25	cps
Beryllium	9-1	287	256	249	264	7.78	cps
Bismuth	209-1	5183113	5349360	5504544	5345673	3.01	cps
Bismuth	209-2	2602987	2654572	2630070	2629210	0.98	cps
Boron	10-1	26703	27486	27274	27154	1.49	cps
Boron	11-1	119269	123964	120334	121189	2.03	cps
Bromine	81-1	76949	79647	75554	77383	2.69	cps
Cadmium	111-1	3367	3122	3360	3283	4.25	cps
Cadmium	106-1	4709	4417	4768	4631	4.05	cps
Cadmium	108-1	42	58	63	54	20.35	cps
Calcium	43-1	1729923	1753311	1752105	1745113	0.75	cps
Calcium	44-1	27813078	27629156	27109078	27517104	1.33	cps
Carbon	12-1	6323637	6926973	7502652	6917754	8.52	cps
Carbon	12-2	91660	95174	94906	93913	2.08	cps
Chlorine	35-1	1238182	1249210	1264668	1250687	1.06	cps
Chlorine	35-2	9695	10129	9503	9776	3.28	cps
Chromium	52-2	4014	3824	3917	3918	2.43	cps
Cobalt	59-2	5051	4714	4741	4835	3.87	cps
Copper	63-2	3324	3260	2977	3187	5.79	cps
Dysprosium	156-1	1025	942	833	933	10.30	cps
Dysprosium	156-2	400	317	337	351	12.39	cps
Erbium	164-1	692	833	892	806	12.77	cps
Erbium	164-2	310	320	297	309	3.79	cps
Gadolinium	160-1	850	867	867	861	1.12	cps
Gadolinium	160-2	450	543	563	519	11.66	cps
Gold	197-1	17	8	0	8	100.02	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8209551	9203603	9496282	8969812	7.52	cps
Holmium	165-2	3857426	3717282	3955363	3843357	3.11	cps
Indium	115-1	6980186	7452885	7552334	7328468	4.17	cps
Indium	115-2	1127213	1119541	1152616	1133123	1.53	cps
Iron	56-2	48451996	49330859	49441823	49074893	1.11	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022M	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:30:53	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1182612	1166247	1174973	1174611	0.70	cps
Iron	54-2	2815020	2778154	2726225	2773133	1.61	cps
Krypton	83-1	340	381	367	363	5.79	cps
Lead	206-1	4984	5285	5512	5260	5.03	cps
Lead	207-1	4451	4195	4945	4531	8.42	cps
Lead	208-1	20334	20423	21240	20666	2.42	cps
Lithium	6-1	5031972	5200430	5317786	5183396	2.77	cps
Magnesium	24-2	10686803	10484149	10358900	10509951	1.57	cps
Manganese	55-2	5302111	5275316	5289172	5288866	0.25	cps
Molybdenum	94-1	1283	1550	1300	1378	10.84	cps
Molybdenum	95-1	2092	1825	2100	2006	7.80	cps
Molybdenum	96-1	3476	3867	3809	3717	5.69	cps
Molybdenum	97-1	900	975	917	931	4.23	cps
Molybdenum	98-1	2459	2159	1875	2164	13.48	cps
Neodymium	150-1	1140	1160	1000	1100	7.93	cps
Neodymium	150-2	370	380	343	364	5.20	cps
Nickel	60-2	2520	2374	2437	2444	3.01	cps
Phosphorus	31-2	1725	1733	1675	1711	1.84	cps
Potassium	39-2	3885528	3985003	3808870	3893134	2.27	cps
Rhodium	103-1	7068167	7054406	7390166	7170913	2.65	cps
Rhodium	103-2	3118947	3201928	3146724	3155867	1.34	cps
Scandium	45-1	5709096	5875295	6089984	5891458	3.24	cps
Scandium	45-2	199433	201079	199255	199922	0.50	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	83	80	64	76	13.50	cps
Selenium	82-1	61	34	25	40	47.29	cps
Silicon	28-1	83773160	84171998	82492902	83479353	1.05	cps
Silver	107-1	442	342	375	386	13.19	cps
Silver	109-1	375	267	358	333	17.50	cps
Sodium	23-2	20049153	19527499	19213197	19596616	2.15	cps
Strontium	86-1	500324	502028	492871	498408	0.98	cps
Strontium	88-1	4213816	4537433	4259307	4336852	4.04	cps
Sulfur	34-1	521325	524692	526090	524036	0.47	cps
Terbium	159-1	8679413	9073305	9546127	9099615	4.77	cps
Terbium	159-2	3781394	3717050	3937584	3812009	2.98	cps
Thallium	203-1	1033	1075	967	1025	5.33	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022M	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:30:53	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2292	2375	2250	2306	2.76	cps
Tin	118-1	4859	4551	4659	4690	3.34	cps
Titanium	47-1	6685	6727	7060	6824	3.01	cps
Uranium	238-1	692	800	700	731	8.25	cps
Vanadium	51-2	653	613	653	640	3.61	cps
Ytterbium	172-1	333	250	167	250	33.33	cps
Ytterbium	172-2	67	122	133	107	33.25	cps
Ytterbium	176-1	1442	1692	1709	1614	9.26	cps
Ytterbium	176-2	7202	7402	7641	7415	2.96	cps
Yttrium	89-1	12479683	13252364	13559381	13097143	4.25	cps
Yttrium	89-2	1479615	1502775	1501804	1494731	0.88	cps
Zinc	66-2	7572	8112	7442	7709	4.61	cps
Zirconium	90-1	1450	1492	1734	1558	9.82	cps
Zirconium	91-1	250	242	317	269	15.26	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022M	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:33:56	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	688597	679025	674263	680628	1.07	cps
Antimony	121-1	783	883	908	858	7.71	cps
Arsenic	75-2	559	558	554	557	0.47	cps
Barium	135-1	318499	328337	321210	322682	1.57	cps
Barium	137-1	548060	557698	551551	552436	0.88	cps
Beryllium	9-1	262	252	249	255	2.79	cps
Bismuth	209-1	5937301	5331301	6067702	5778768	6.80	cps
Bismuth	209-2	2707221	2764384	2793084	2754896	1.59	cps
Boron	10-1	25161	26485	26679	26108	3.16	cps
Boron	11-1	116748	117680	119867	118098	1.36	cps
Bromine	81-1	80343	80937	82359	81213	1.28	cps
Cadmium	111-1	3452	3303	3599	3451	4.29	cps
Cadmium	106-1	4868	4643	5084	4865	4.54	cps
Cadmium	108-1	50	25	50	42	34.64	cps
Calcium	43-1	1722766	1723386	1719623	1721925	0.12	cps
Calcium	44-1	27700839	27237803	26886939	27275194	1.50	cps
Carbon	12-1	7053510	7529397	7952510	7511806	5.99	cps
Carbon	12-2	95082	97808	97884	96925	1.65	cps
Chlorine	35-1	1204272	1228247	1244617	1225712	1.66	cps
Chlorine	35-2	9370	9845	9311	9509	3.08	cps
Chromium	52-2	4144	3807	4121	4024	4.67	cps
Cobalt	59-2	5008	4701	4921	4876	3.24	cps
Copper	63-2	3120	3114	3010	3081	2.00	cps
Dysprosium	156-1	1167	1033	933	1045	11.21	cps
Dysprosium	156-2	403	390	423	406	4.14	cps
Erbium	164-1	758	892	833	828	8.07	cps
Erbium	164-2	293	327	347	322	8.36	cps
Gadolinium	160-1	933	950	900	928	2.74	cps
Gadolinium	160-2	493	463	467	474	3.47	cps
Gold	197-1	0	0	8	3	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9410419	9124668	10472716	9669268	7.35	cps
Holmium	165-2	3967831	3907540	4214999	4030123	4.04	cps
Indium	115-1	7931639	7537193	8889309	8119380	8.56	cps
Indium	115-2	1182358	1178200	1236668	1199075	2.72	cps
Iron	56-2	49291482	49475314	50872232	49879676	1.73	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022M	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:33:56	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1225392	1211637	1204130	1213720	0.89	cps
Iron	54-2	2795810	2857536	2812202	2821850	1.13	cps
Krypton	83-1	334	336	324	331	2.00	cps
Lead	206-1	5562	5046	5679	5429	6.21	cps
Lead	207-1	4862	4351	4584	4599	5.57	cps
Lead	208-1	21507	20401	21285	21064	2.78	cps
Lithium	6-1	5585143	5159020	5733152	5492438	5.43	cps
Magnesium	24-2	10892193	10804710	10551311	10749405	1.65	cps
Manganese	55-2	5431060	5420033	5400948	5417347	0.28	cps
Molybdenum	94-1	1292	1350	1458	1367	6.19	cps
Molybdenum	95-1	1683	1758	1825	1756	4.04	cps
Molybdenum	96-1	3367	3451	3551	3456	2.66	cps
Molybdenum	97-1	667	683	758	703	6.95	cps
Molybdenum	98-1	1633	1675	1567	1625	3.36	cps
Neodymium	150-1	1180	1140	1167	1162	1.75	cps
Neodymium	150-2	390	350	403	381	7.28	cps
Nickel	60-2	2267	2450	2350	2356	3.90	cps
Phosphorus	31-2	1984	1967	1867	1939	3.26	cps
Potassium	39-2	3957218	3975467	3874970	3935885	1.36	cps
Rhodium	103-1	7806591	7350372	8366259	7841074	6.49	cps
Rhodium	103-2	3260930	3256624	3373211	3296922	2.00	cps
Scandium	45-1	6363226	6216956	6755847	6445343	4.32	cps
Scandium	45-2	204677	205249	218062	209329	3.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	85	89	79	84	5.97	cps
Selenium	82-1	84	86	65	78	14.83	cps
Silicon	28-1	83936269	84102591	84305652	84114837	0.22	cps
Silver	107-1	475	392	508	458	13.11	cps
Silver	109-1	375	383	450	403	10.21	cps
Sodium	23-2	19994602	19845213	19784065	19874626	0.54	cps
Strontium	86-1	496347	491536	492956	493613	0.50	cps
Strontium	88-1	4273523	4325967	4208343	4269278	1.38	cps
Sulfur	34-1	529691	534036	532417	532048	0.41	cps
Terbium	159-1	9613725	9491422	10763142	9956096	7.05	cps
Terbium	159-2	3901306	3794259	4120215	3938593	4.22	cps
Thallium	203-1	1000	808	742	850	15.78	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022M	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:33:56	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2292	2167	2317	2259	3.56	cps
Tin	118-1	4209	4868	4568	4548	7.25	cps
Titanium	47-1	7027	7060	6760	6949	2.37	cps
Uranium	238-1	867	725	625	739	16.43	cps
Vanadium	51-2	687	653	733	691	5.81	cps
Ytterbium	172-1	167	300	267	244	28.39	cps
Ytterbium	172-2	183	89	117	130	37.44	cps
Ytterbium	176-1	1917	1550	1817	1761	10.76	cps
Ytterbium	176-2	7619	7664	8308	7864	4.91	cps
Yttrium	89-1	14269250	12981695	14849633	14033526	6.81	cps
Yttrium	89-2	1538236	1544395	1612106	1564912	2.62	cps
Zinc	66-2	7689	7565	7826	7693	1.69	cps
Zirconium	90-1	1258	1425	1667	1450	14.16	cps
Zirconium	91-1	250	292	442	328	30.76	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01A	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022A	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:36:57	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	692804	668958	669942	677235	1.99	cps
Antimony	121-1	650	750	858	753	13.84	cps
Arsenic	75-2	633	581	575	596	5.35	cps
Barium	135-1	326477	332763	329712	329651	0.95	cps
Barium	137-1	581510	563018	562758	569095	1.89	cps
Beryllium	9-1	260	266	277	268	3.31	cps
Bismuth	209-1	5505932	5316603	5421206	5414580	1.75	cps
Bismuth	209-2	2512394	2794365	2796516	2701092	6.05	cps
Boron	10-1	25996	26563	26360	26306	1.09	cps
Boron	11-1	116237	121443	119947	119209	2.25	cps
Bromine	81-1	77756	80695	82157	80203	2.79	cps
Cadmium	111-1	3164	3489	3489	3381	5.54	cps
Cadmium	106-1	4468	4884	4934	4762	5.38	cps
Cadmium	108-1	54	38	63	51	24.77	cps
Calcium	43-1	1748806	1806914	1797445	1784388	1.75	cps
Calcium	44-1	27966977	28837342	27931467	28245262	1.82	cps
Carbon	12-1	7293211	7952030	8220494	7821911	6.10	cps
Carbon	12-2	98328	100066	98245	98879	1.04	cps
Chlorine	35-1	1188965	1248422	1224322	1220570	2.45	cps
Chlorine	35-2	9520	9837	9962	9773	2.33	cps
Chromium	52-2	4071	4227	4137	4145	1.90	cps
Cobalt	59-2	5114	4824	5224	5054	4.09	cps
Copper	63-2	3360	3214	3427	3334	3.27	cps
Dysprosium	156-1	1017	942	1092	1017	7.38	cps
Dysprosium	156-2	390	367	347	368	5.90	cps
Erbium	164-1	817	758	808	794	3.97	cps
Erbium	164-2	333	373	337	348	6.38	cps
Gadolinium	160-1	867	933	892	897	3.75	cps
Gadolinium	160-2	540	517	553	537	3.46	cps
Gold	197-1	17	8	17	14	34.67	cps
Gold	197-2	0	0	6	2	173.21	cps
Holmium	165-1	9351869	9340058	9391499	9361142	0.29	cps
Holmium	165-2	3721807	4044839	4048072	3938239	4.76	cps
Indium	115-1	7523729	7715142	7607552	7615475	1.26	cps
Indium	115-2	1118504	1175048	1212442	1168665	4.05	cps
Iron	56-2	51413637	50122564	51236114	50924105	1.37	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01A	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022A	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:36:57	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1228032	1231698	1220617	1226782	0.46	cps
Iron	54-2	2842184	2760354	2818253	2806930	1.50	cps
Krypton	83-1	299	327	394	340	14.33	cps
Lead	206-1	5529	5401	5518	5483	1.29	cps
Lead	207-1	4690	4957	4484	4710	5.03	cps
Lead	208-1	21252	21368	21024	21215	0.83	cps
Lithium	6-1	5210551	5449957	5466379	5375629	2.66	cps
Magnesium	24-2	11073334	10926885	10638255	10879491	2.03	cps
Manganese	55-2	5563580	5325493	5624248	5504440	2.87	cps
Molybdenum	94-1	1350	1058	1158	1189	12.47	cps
Molybdenum	95-1	1975	1517	1759	1750	13.10	cps
Molybdenum	96-1	3751	3309	3676	3578	6.61	cps
Molybdenum	97-1	733	708	675	706	4.15	cps
Molybdenum	98-1	1700	1542	1733	1658	6.18	cps
Neodymium	150-1	1247	1253	1320	1273	3.18	cps
Neodymium	150-2	420	303	373	366	16.06	cps
Nickel	60-2	2600	2427	2530	2519	3.46	cps
Phosphorus	31-2	1792	1750	1684	1742	3.14	cps
Potassium	39-2	4084621	3904770	3909864	3966418	2.58	cps
Rhodium	103-1	7015450	7200044	7337500	7184331	2.25	cps
Rhodium	103-2	3118317	3312388	3326898	3252535	3.58	cps
Scandium	45-1	5845836	5906971	5990772	5914527	1.23	cps
Scandium	45-2	198350	207650	215188	207062	4.07	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	97	90	81	89	8.98	cps
Selenium	82-1	131	104	10	82	77.84	cps
Silicon	28-1	87608050	85409787	84618396	85878744	1.80	cps
Silver	107-1	425	400	483	436	9.81	cps
Silver	109-1	408	392	425	408	4.08	cps
Sodium	23-2	20617263	19858979	19870580	20115607	2.16	cps
Strontium	86-1	510530	507075	488816	502140	2.32	cps
Strontium	88-1	4536677	4499765	4209839	4415427	4.05	cps
Sulfur	34-1	543333	550144	542418	545299	0.77	cps
Terbium	159-1	9552546	9280849	9539364	9457586	1.62	cps
Terbium	159-2	3718254	3930248	4086090	3911531	4.72	cps
Thallium	203-1	792	933	867	864	8.20	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4471-01A	Instrumnet Name :	P8
Client Sample ID :	MW-10B-40-45-083022A	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:36:57	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1950	2509	1834	2097	17.20	cps
Tin	118-1	5026	4934	4751	4904	2.86	cps
Titanium	47-1	7244	7227	7010	7160	1.82	cps
Uranium	238-1	525	883	575	661	29.36	cps
Vanadium	51-2	690	630	663	661	4.55	cps
Ytterbium	172-1	283	267	317	289	8.81	cps
Ytterbium	172-2	106	94	94	98	6.54	cps
Ytterbium	176-1	1667	1592	1692	1650	3.15	cps
Ytterbium	176-2	7146	7708	8453	7769	8.43	cps
Yttrium	89-1	13395519	13722568	13604610	13574232	1.22	cps
Yttrium	89-2	1464880	1561483	1579647	1535336	4.02	cps
Zinc	66-2	7919	7776	7425	7707	3.29	cps
Zirconium	90-1	1408	1325	1558	1431	8.27	cps
Zirconium	91-1	267	300	250	272	9.35	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-05DLX2	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122I	Dilution Factor :	2
Date & Time Acquired :	2022-09-09 17:40:00	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1328207	1344383	1343725	1338772	0.68	cps
Antimony	121-1	800	867	983	883	10.51	cps
Arsenic	75-2	2200	2093	2175	2156	2.60	cps
Barium	135-1	276409	284762	283927	281699	1.63	cps
Barium	137-1	481868	492012	470556	481479	2.23	cps
Beryllium	9-1	5248	5224	5285	5252	0.59	cps
Bismuth	209-1	5933451	6027714	5911697	5957621	1.04	cps
Bismuth	209-2	2935361	2916359	2747393	2866371	3.61	cps
Boron	10-1	23090	24329	23780	23733	2.62	cps
Boron	11-1	105925	107568	108898	107463	1.39	cps
Bromine	81-1	93689	97964	99442	97032	3.08	cps
Cadmium	111-1	4294	4722	4715	4577	5.36	cps
Cadmium	106-1	5043	5543	5685	5423	6.22	cps
Cadmium	108-1	129	196	146	157	22.11	cps
Calcium	43-1	257322	258782	251677	255927	1.47	cps
Calcium	44-1	4187295	4116050	4232267	4178538	1.40	cps
Carbon	12-1	6757650	6840562	6883780	6827331	0.94	cps
Carbon	12-2	77447	78912	74900	77086	2.63	cps
Chlorine	35-1	1098576	1147769	1150690	1132345	2.59	cps
Chlorine	35-2	9487	9653	9095	9412	3.05	cps
Chromium	52-2	140467	144544	143591	142867	1.49	cps
Cobalt	59-2	63354	64342	64204	63967	0.84	cps
Copper	63-2	86089	84775	85617	85494	0.78	cps
Dysprosium	156-1	92731	92932	91666	92443	0.74	cps
Dysprosium	156-2	36965	37102	37379	37149	0.57	cps
Erbium	164-1	75272	75793	76195	75753	0.61	cps
Erbium	164-2	29813	30709	30936	30486	1.95	cps
Gadolinium	160-1	87295	89797	86155	87749	2.12	cps
Gadolinium	160-2	40144	39820	40301	40088	0.61	cps
Gold	197-1	0	17	25	14	91.65	cps
Gold	197-2	6	6	6	6	0.00	cps
Holmium	165-1	9622770	9813253	9554905	9663643	1.39	cps
Holmium	165-2	4312400	4128922	4224882	4222068	2.17	cps
Indium	115-1	7929865	8064657	7700712	7898411	2.33	cps
Indium	115-2	1277718	1269783	1248011	1265171	1.22	cps
Iron	56-2	52761810	51648984	51998994	52136596	1.09	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-05DLX2	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122I	Dilution Factor :	2
Date & Time Acquired :	2022-09-09 17:40:00	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1237357	1327668	1231924	1265650	4.25	cps
Iron	54-2	2860225	2929586	2919725	2903179	1.29	cps
Krypton	83-1	437	475	397	437	8.88	cps
Lead	206-1	60580	61574	60452	60869	1.01	cps
Lead	207-1	49925	48837	50755	49839	1.93	cps
Lead	208-1	232628	233164	236321	234038	0.85	cps
Lithium	6-1	5456613	5454725	5587188	5499509	1.38	cps
Magnesium	24-2	1130543	1156923	1108817	1132094	2.13	cps
Manganese	55-2	420990	422117	414892	419333	0.93	cps
Molybdenum	94-1	15609	15459	15659	15576	0.67	cps
Molybdenum	95-1	2334	2425	2092	2284	7.54	cps
Molybdenum	96-1	7019	7827	6710	7185	8.03	cps
Molybdenum	97-1	1442	1417	1567	1475	5.45	cps
Molybdenum	98-1	3242	3334	3392	3323	2.28	cps
Neodymium	150-1	128150	132767	126514	129143	2.51	cps
Neodymium	150-2	39645	40287	40257	40063	0.90	cps
Nickel	60-2	33212	34204	33326	33581	1.62	cps
Phosphorus	31-2	4451	4342	4743	4512	4.59	cps
Potassium	39-2	623583	626156	611846	620528	1.23	cps
Rhodium	103-1	7498987	7839539	8029524	7789350	3.45	cps
Rhodium	103-2	3545246	3596844	3436378	3526156	2.32	cps
Scandium	45-1	6407098	6132495	6320350	6286648	2.23	cps
Scandium	45-2	227452	219974	222209	223212	1.72	cps
Selenium	77-2	147	180	183	170	11.93	cps
Selenium	78-2	193	241	206	213	11.64	cps
Selenium	82-1	106	181	329	205	55.11	cps
Silicon	28-1	145873416	146733095	145044620	145883710	0.58	cps
Silver	107-1	2142	2409	2025	2192	8.97	cps
Silver	109-1	1792	1800	1675	1756	3.98	cps
Sodium	23-2	4286938	4307634	4239519	4278030	0.82	cps
Strontium	86-1	235356	236711	234564	235543	0.46	cps
Strontium	88-1	2084967	2090893	2142538	2106133	1.50	cps
Sulfur	34-1	611044	596070	588408	598507	1.92	cps
Terbium	159-1	10075069	10065459	9797407	9979312	1.58	cps
Terbium	159-2	4245090	4165618	4179906	4196871	1.01	cps
Thallium	203-1	3517	3501	3551	3523	0.72	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	N4492-05DLX2	Instrumnet Name :	P8
Client Sample ID :	MW-01-1.5-11.5-090122I	Dilution Factor :	2
Date & Time Acquired :	2022-09-09 17:40:00	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	8528	8595	8503	8542	0.55	cps
Tin	118-1	2867	2617	2784	2756	4.62	cps
Titanium	47-1	315598	313118	318163	315626	0.80	cps
Uranium	238-1	29836	30755	31273	30621	2.38	cps
Vanadium	51-2	126088	125895	124914	125632	0.50	cps
Ytterbium	172-1	19248	19198	20166	19537	2.79	cps
Ytterbium	172-2	8792	9092	9198	9027	2.33	cps
Ytterbium	176-1	13207	13466	13349	13340	0.97	cps
Ytterbium	176-2	13490	13819	13023	13444	2.97	cps
Yttrium	89-1	15104150	14542057	15093558	14913255	2.16	cps
Yttrium	89-2	1729092	1758356	1698734	1728727	1.72	cps
Zinc	66-2	39950	38770	38970	39230	1.61	cps
Zirconium	90-1	40986	40711	40352	40683	0.78	cps
Zirconium	91-1	8778	9220	9312	9103	3.14	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:45:29	DataFile Name :	090CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3289479	3172837	3179414	3213910	2.04	cps
Antimony	121-1	2523685	2486302	2503576	2504521	0.75	cps
Arsenic	75-2	83768	81610	79904	81761	2.37	cps
Barium	135-1	3454747	3431901	3433172	3439940	0.37	cps
Barium	137-1	5757681	5734170	5814448	5768766	0.72	cps
Beryllium	9-1	1192019	1228690	1224766	1215158	1.66	cps
Bismuth	209-1	5300010	5260315	5319808	5293377	0.57	cps
Bismuth	209-2	2565393	2602554	2678359	2615435	2.20	cps
Boron	10-1	304300	317105	323119	314841	3.05	cps
Boron	11-1	1262186	1298480	1370049	1310238	4.19	cps
Bromine	81-1	67552	65007	64385	65648	2.56	cps
Cadmium	111-1	704390	714703	719963	713019	1.11	cps
Cadmium	106-1	89717	89609	91095	90140	0.92	cps
Cadmium	108-1	58491	57394	58352	58079	1.03	cps
Calcium	43-1	5674516	5516247	5742003	5644256	2.05	cps
Calcium	44-1	90027422	90041760	88393386	89487523	1.06	cps
Carbon	12-1	5302468	5257746	5373870	5311361	1.10	cps
Carbon	12-2	65346	64794	65144	65095	0.43	cps
Chlorine	35-1	697897	696249	689989	694712	0.60	cps
Chlorine	35-2	5176	5176	4843	5065	3.80	cps
Chromium	52-2	903291	867661	863485	878146	2.49	cps
Cobalt	59-2	1669058	1605156	1583652	1619289	2.74	cps
Copper	63-2	12121008	11639808	11680363	11813726	2.26	cps
Dysprosium	156-1	433	500	550	494	11.84	cps
Dysprosium	156-2	153	143	177	158	10.84	cps
Erbium	164-1	58	83	117	86	33.98	cps
Erbium	164-2	23	40	13	26	52.73	cps
Gadolinium	160-1	333	350	375	353	5.95	cps
Gadolinium	160-2	277	173	217	222	23.35	cps
Gold	197-1	25	25	25	25	0.00	cps
Gold	197-2	94	111	61	89	28.64	cps
Holmium	165-1	9139464	9185407	9422538	9249136	1.64	cps
Holmium	165-2	3976272	3782210	4130326	3962936	4.40	cps
Indium	115-1	7492379	7286917	7538144	7439147	1.80	cps
Indium	115-2	1156156	1137582	1167647	1153795	1.31	cps
Iron	56-2	197075971	179166504	184541449	186927975	4.92	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:45:29	DataFile Name :	090CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4759704	4777276	4671066	4736015	1.20	cps
Iron	54-2	10970613	10373176	10401174	10581654	3.19	cps
Krypton	83-1	384	394	351	376	5.91	cps
Lead	206-1	11224198	11245381	10733988	11067856	2.61	cps
Lead	207-1	9690970	9980053	9785438	9818820	1.50	cps
Lead	208-1	44552911	44457861	44750738	44587170	0.34	cps
Lithium	6-1	5104829	5244793	5216550	5188724	1.43	cps
Magnesium	24-2	41369717	40623778	40698798	40897431	1.00	cps
Manganese	55-2	5162165	5026265	5040894	5076441	1.47	cps
Molybdenum	94-1	11120638	11161149	11266736	11182841	0.67	cps
Molybdenum	95-1	15800201	15578584	16134576	15837787	1.77	cps
Molybdenum	96-1	17103154	17403717	17407961	17304944	1.01	cps
Molybdenum	97-1	9835643	9989186	9562377	9795735	2.21	cps
Molybdenum	98-1	25330595	25077707	25328597	25245633	0.58	cps
Neodymium	150-1	347	347	400	364	8.45	cps
Neodymium	150-2	13	33	23	23	42.86	cps
Nickel	60-2	419696	403547	398921	407388	2.68	cps
Phosphorus	31-2	39830	37173	37349	38117	3.90	cps
Potassium	39-2	15544495	14570711	14604045	14906417	3.71	cps
Rhodium	103-1	7221900	7013807	7315763	7183824	2.15	cps
Rhodium	103-2	3223754	3167098	3203153	3198002	0.90	cps
Scandium	45-1	5983222	6010295	6013354	6002290	0.28	cps
Scandium	45-2	206014	201885	215206	207702	3.28	cps
Selenium	77-2	1943	1957	2060	1987	3.21	cps
Selenium	78-2	7106	7018	6848	6991	1.87	cps
Selenium	82-1	64031	63548	62830	63470	0.95	cps
Silicon	28-1	18372625	18676260	18720188	18589691	1.02	cps
Silver	107-1	3719029	3706051	3796308	3740462	1.30	cps
Silver	109-1	3623233	3528941	3643085	3598420	1.69	cps
Sodium	23-2	81904516	77029902	76807312	78580577	3.67	cps
Strontium	86-1	26353190	26122192	25831529	26102304	1.00	cps
Strontium	88-1	222243213	218307047	219825455	220125238	0.90	cps
Sulfur	34-1	949152	917964	923170	930095	1.80	cps
Terbium	159-1	9568739	9712420	9709338	9663499	0.85	cps
Terbium	159-2	3910448	3831030	4010833	3917437	2.30	cps
Thallium	203-1	2640954	2703131	2513887	2619324	3.68	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:45:29	DataFile Name :	090CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	6170522	6223095	6248673	6214097	0.64	cps
Tin	118-1	2570313	2505084	2410212	2495203	3.23	cps
Titanium	47-1	5186854	5185603	5181822	5184760	0.05	cps
Uranium	238-1	8679899	8612498	8411153	8567850	1.63	cps
Vanadium	51-2	741771	721733	715017	726174	1.92	cps
Ytterbium	172-1	117	117	192	142	30.56	cps
Ytterbium	172-2	72	39	78	63	33.40	cps
Ytterbium	176-1	7594	8236	7828	7886	4.12	cps
Ytterbium	176-2	9387	10632	10232	10084	6.30	cps
Yttrium	89-1	13611797	13629922	13619889	13620536	0.07	cps
Yttrium	89-2	1574674	1544802	1574246	1564574	1.09	cps
Zinc	66-2	1272245	1242991	1226419	1247218	1.86	cps
Zirconium	90-1	5617352	5682523	5721040	5673638	0.92	cps
Zirconium	91-1	1238156	1278804	1252637	1256532	1.64	cps

LB Number : LB121958 Operator : Jaswal
 Lab Sample ID : CCB30 Instrumnet Name : P8
 Client Sample ID : CCB30 Dilution Factor : 1
 Date & Time Acquired : 2022-09-09 17:49:05 DataFile Name : 091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185	165	145	165	12.12	cps
Antimony	121-1	458	758	1000	739	36.73	cps
Arsenic	75-2	15	11	16	14	18.90	cps
Barium	135-1	75	92	42	69	36.66	cps
Barium	137-1	50	108	67	75	40.06	cps
Beryllium	9-1	176	167	195	180	7.82	cps
Bismuth	209-1	5945294	5873058	6421323	6079892	4.90	cps
Bismuth	209-2	2842678	2968712	2901773	2904388	2.17	cps
Boron	10-1	14212	13043	12315	13190	7.26	cps
Boron	11-1	61763	57018	53307	57363	7.39	cps
Bromine	81-1	65915	61470	63311	63565	3.51	cps
Cadmium	111-1	3279	3365	3558	3401	4.20	cps
Cadmium	106-1	4701	4776	5034	4837	3.62	cps
Cadmium	108-1	100	88	58	82	26.10	cps
Calcium	43-1	360	440	292	364	20.28	cps
Calcium	44-1	12244	12782	11992	12339	3.27	cps
Carbon	12-1	4020294	3910904	3945223	3958807	1.41	cps
Carbon	12-2	44100	43281	42053	43145	2.39	cps
Chlorine	35-1	549689	544608	540537	544945	0.84	cps
Chlorine	35-2	3851	4209	4026	4028	4.45	cps
Chromium	52-2	633	693	660	662	4.54	cps
Cobalt	59-2	80	50	40	57	36.74	cps
Copper	63-2	1677	1410	1503	1530	8.84	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	20	13	10	14	35.26	cps
Gadolinium	160-1	125	117	133	125	6.67	cps
Gadolinium	160-2	150	80	110	113	30.99	cps
Gold	197-1	8	17	8	11	43.34	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9298094	9502956	9831775	9544275	2.82	cps
Holmium	165-2	3988667	4114846	4099404	4067639	1.69	cps
Indium	115-1	7648355	7993444	8521177	8054325	5.46	cps
Indium	115-2	1196715	1281113	1192010	1223279	4.10	cps
Iron	56-2	7196	4912	5668	5925	19.64	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:49:05	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	250	172	233	219	18.74	cps
Iron	54-2	1078	850	883	937	13.13	cps
Krypton	83-1	381	349	302	344	11.50	cps
Lead	206-1	883	1028	833	915	11.04	cps
Lead	207-1	756	867	667	763	13.13	cps
Lead	208-1	3378	3956	3284	3539	10.28	cps
Lithium	6-1	5497054	5407420	5738108	5547527	3.08	cps
Magnesium	24-2	792	392	683	622	33.25	cps
Manganese	55-2	190	113	157	153	25.07	cps
Molybdenum	94-1	1225	1408	992	1208	17.28	cps
Molybdenum	95-1	2075	2042	1642	1920	12.56	cps
Molybdenum	96-1	2292	2259	1950	2167	8.69	cps
Molybdenum	97-1	1275	1175	967	1139	13.81	cps
Molybdenum	98-1	3451	3100	2325	2959	19.46	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	87	73	70	77	11.51	cps
Phosphorus	31-2	233	175	150	186	22.98	cps
Potassium	39-2	25064	25698	23711	24825	4.09	cps
Rhodium	103-1	7538644	7831289	8510185	7960040	6.26	cps
Rhodium	103-2	3363042	3563414	3431460	3452638	2.95	cps
Scandium	45-1	5932697	5959138	6413372	6101736	4.43	cps
Scandium	45-2	203006	212860	208553	208140	2.37	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	95	78	76	83	12.58	cps
Selenium	82-1	-28	29	30	10	315.36	cps
Silicon	28-1	804774	811188	801833	805932	0.59	cps
Silver	107-1	675	567	467	569	18.30	cps
Silver	109-1	492	400	575	489	17.90	cps
Sodium	23-2	43942	40766	40950	41886	4.26	cps
Strontium	86-1	817	1008	600	808	25.27	cps
Strontium	88-1	1450	3493	1317	2087	58.46	cps
Sulfur	34-1	384849	385979	386150	385659	0.18	cps
Terbium	159-1	9429753	9543679	9893400	9622277	2.51	cps
Terbium	159-2	3969701	4101802	4022440	4031314	1.65	cps
Thallium	203-1	617	758	808	728	13.66	cps

LB Number :	LB121958	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired :	2022-09-09 17:49:05	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1667	1583	1642	1631	2.62	cps
Tin	118-1	1200	1325	1225	1250	5.29	cps
Titanium	47-1	358	367	325	350	6.30	cps
Uranium	238-1	75	117	25	72	63.55	cps
Vanadium	51-2	27	10	3	13	90.16	cps
Ytterbium	172-1	8	25	75	36	96.08	cps
Ytterbium	172-2	22	11	11	15	43.30	cps
Ytterbium	176-1	1608	1667	1859	1711	7.64	cps
Ytterbium	176-2	7641	8169	7891	7901	3.34	cps
Yttrium	89-1	13389877	13519382	14935469	13948243	6.15	cps
Yttrium	89-2	1514648	1606014	1560737	1560466	2.93	cps
Zinc	66-2	280	223	217	240	14.50	cps
Zirconium	90-1	608	700	850	719	16.96	cps
Zirconium	91-1	108	150	133	131	16.06	cps