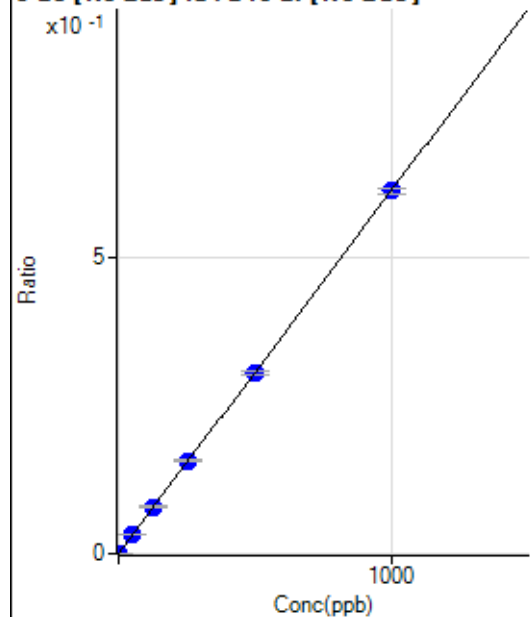


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8052721MS.b\
Analysis File: P8052721MS.batch.bin
DA Date-Time: 2021-05-28 11:05:14
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-05-27 12:55:16
2	005CALS.d	S02	2021-05-27 13:01:26
3	006CALS.d	S03	2021-05-27 13:04:31
4	007CALS.d	S04	2021-05-27 13:07:33
5	008CALS.d	S05	2021-05-27 13:10:37
6	009CALS.d	S06	2021-05-27 13:13:35
7	010CALS.d	S07	2021-05-27 13:16:36
8	011CALS.d	S08	2021-05-27 13:19:35

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.33	0.0000	P	28.1
2	☐	1.000	1.029	851.86	0.0007	P	4.3
3	☐	50.000	51.209	40998.50	0.0315	P	2.1
4	☐	125.000	129.636	104478.24	0.0797	P	1.2
5	☐	250.000	256.207	209518.39	0.1576	P	1.5
6	☐	500.000	497.803	419456.10	0.3061	P	2.4
7	☐	1000.000	998.907	832501.12	0.6143	P	1.9
8	☐			133.31	0.0001	P	13.6

$$y = 6.1491\text{E-}004 * x + 1.9487\text{E-}005$$

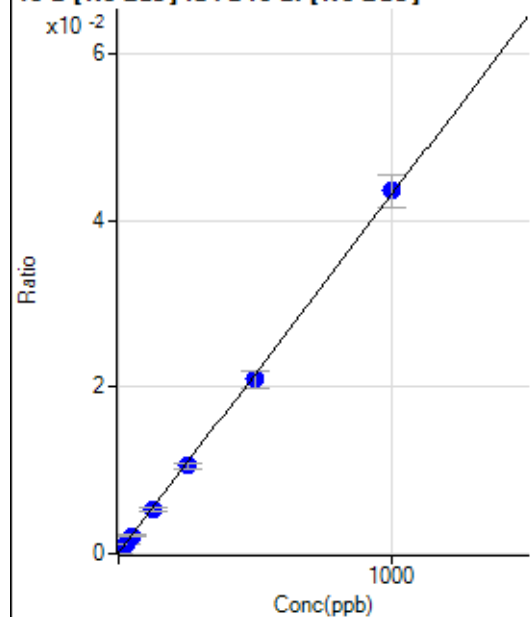
$$R = 1.0000$$

$$DL = 0.02673$$

$$BEC = 0.03169$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.98	0.0001	P	9.4
2	☐	25.000	24.403	1483.12	0.0011	P	11.9
3	☐	50.000	47.339	2758.39	0.0021	P	10.6
4	☐	125.000	119.376	6839.59	0.0052	P	9.2
5	☐	250.000	242.611	13989.25	0.0105	P	7.1
6	☐	500.000	483.819	28582.07	0.0209	P	9.9
7	☐	1000.000	1010.789	58932.45	0.0435	P	9.0
8	☐			7507.78	0.0053	P	9.5

$$y = 4.2954\text{E-}005 * x + 8.7676\text{E-}005$$

$$R = 0.9998$$

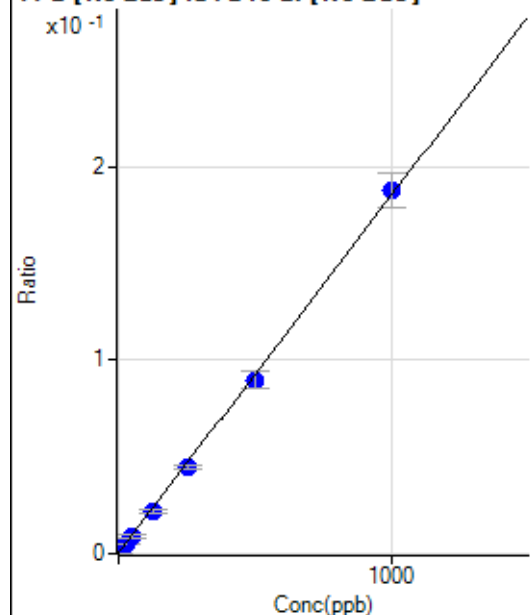
$$DL = 0.5731$$

$$BEC = 2.041$$

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	433.26	0.0003	P	7.1
2	☐	25.000	24.171	6274.79	0.0048	P	8.6
3	☐	50.000	46.439	11606.35	0.0089	P	12.4
4	☐	125.000	118.544	29201.94	0.0223	P	8.8
5	☐	250.000	241.592	59934.53	0.0450	P	5.3
6	☐	500.000	482.325	122676.60	0.0896	P	10.0
7	☐	1000.000	1011.945	254072.25	0.1876	P	9.4
8	☐			31795.45	0.0224	P	10.2

$$y = 1.8503E-004 * x + 3.3317E-004$$

$$R = 0.9997$$

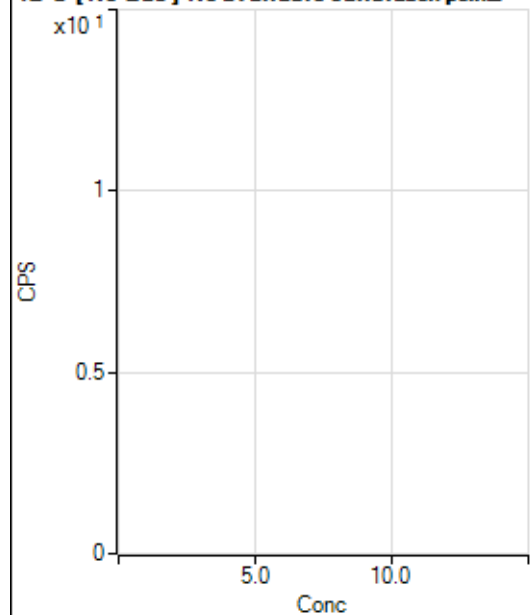
$$DL = 0.3843$$

$$BEC = 1.801$$

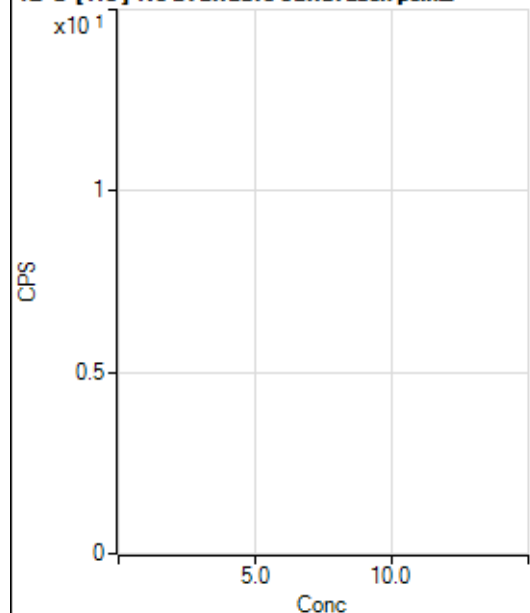
Weight: <None>

Min Conc: 0

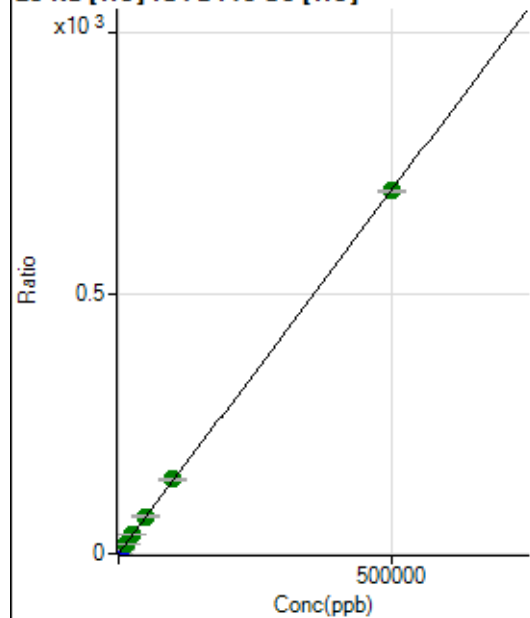
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2203578.80		A	0.9
2	☐			2183422.05		A	1.7
3	☐			2539874.25		A	1.8
4	☐			2597557.13		A	2.6
5	☐			2665242.49		A	3.4
6	☐			2758233.59		A	2.5
7	☐			2932003.43		A	2.7
8	☐			2747328.20		A	1.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25600.57		P	1.1
2	☐			25486.56		P	1.9
3	☐			30986.11		P	1.8
4	☐			31464.86		P	2.4
5	☐			32441.93		P	2.0
6	☐			33641.91		P	1.6
7	☐			35610.32		P	1.4
8	☐			35393.17		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6635.02	0.0961	P	4.6
2	☐	500.000	517.112	54477.16	0.8184	P	1.1
3	☐	5000.000	5224.515	487114.11	7.3933	P	2.1
4	☐	12500.000	12957.100	1231556.16	18.1935	A	2.0
5	☐	25000.000	25776.290	2411808.82	36.0983	A	1.0
6	☐	50000.000	51432.868	4739641.03	71.9333	A	1.2
7	☐	100000.00	102628.44	9203661.14	143.4391	A	2.7
8	☐	500000.00	499278.52	45466833.66	697.4476	A	0.9

$$y = 0.0014 * x + 0.0961$$

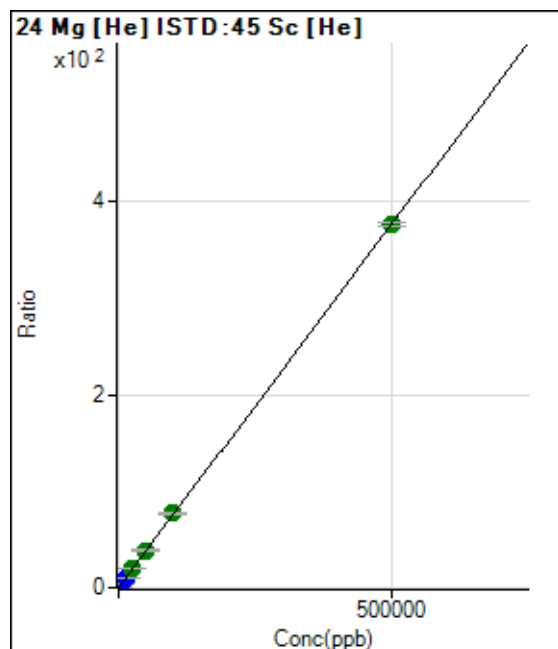
$$R = 1.0000$$

$$DL = 9.501$$

$$BEC = 68.8$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	327.79	0.0047	P	8.6
2	☐	500.000	507.450	25739.80	0.3867	P	1.3
3	☐	5000.000	5225.625	259453.67	3.9377	P	1.2
4	☐	12500.000	12762.316	650535.32	9.6101	P	1.2
5	☐	25000.000	26029.679	1309234.50	19.5955	A	1.4
6	☐	50000.000	51497.944	2554136.67	38.7637	A	0.5
7	☐	100000.00	101962.10	4924739.48	76.7445	A	1.9
8	☐	500000.00	499397.47	24502844.82	375.8663	A	1.0

$$y = 7.5263\text{E-}004 * x + 0.0047$$

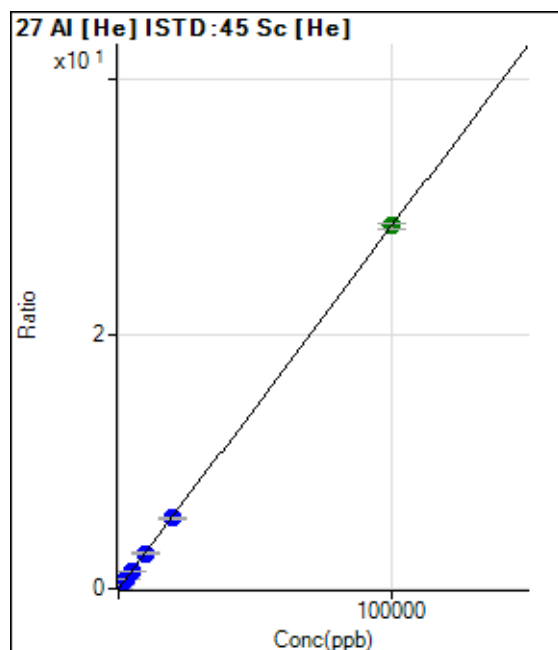
R = 1.0000

DL = 1.625

BEC = 6.309

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	220.81	0.0032	P	10.0
2	☐	20.000	24.887	684.10	0.0103	P	8.2
3	☐	1000.000	988.968	18751.78	0.2846	P	1.7
4	☐	2500.000	2432.288	47067.08	0.6953	P	1.1
5	☐	5000.000	4928.602	93911.89	1.4056	P	0.4
6	☐	10000.000	9804.378	184031.07	2.7930	P	0.5
7	☐	20000.000	19539.801	356973.00	5.5632	P	2.1
8	☐	100000.00	100116.97	1857297.24	28.4912	A	1.6

$$y = 2.8455\text{E-}004 * x + 0.0032$$

R = 1.0000

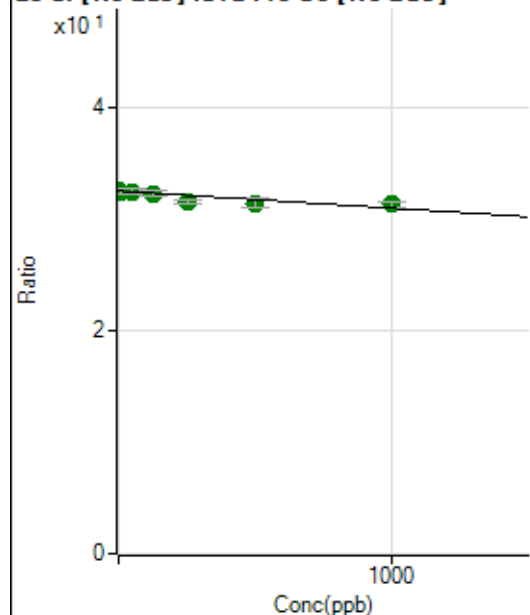
DL = 3.371

BEC = 11.24

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47800856.27	32.5103	A	0.8
2	☐	10.000	31.974	48028378.50	32.4610	A	1.1
3	☐	50.000	22.349	47981734.06	32.4758	A	1.6
4	☐	125.000	145.179	47985175.38	32.2862	A	1.5
5	☐	250.000	641.407	48138894.83	31.5201	A	1.1
6	☐	500.000	724.995	48522280.60	31.3910	A	2.9
7	☐	1000.000	788.291	48589204.21	31.2933	A	1.3
8	☐			46403507.29	28.8548	A	1.7

$$y = -0.0015 * x + 32.5103$$

$$R = -0.8579$$

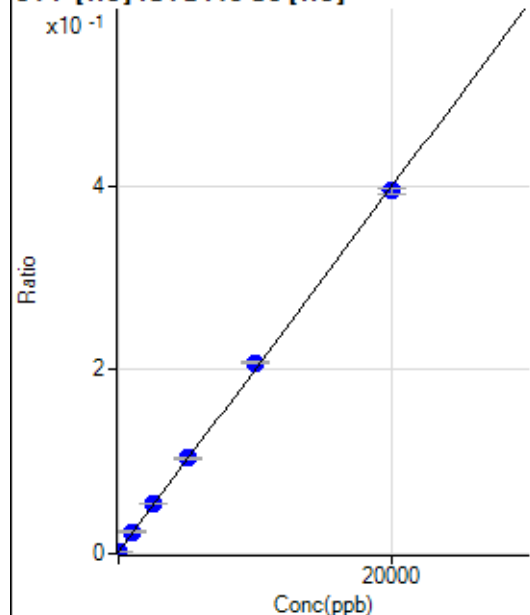
$$DL = -515.3$$

$$BEC = -2.106E+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-4.042	141.67	0.0021	P	28.8
2	☐	0.000	4.042	147.23	0.0022	P	22.5
3	☐	1000.000	1053.070	1516.79	0.0230	P	8.9
4	☐	2500.000	2641.630	3689.47	0.0545	P	0.8
5	☐	5000.000	5132.657	6940.74	0.1039	P	1.8
6	☐	10000.000	10342.725	13651.14	0.2072	P	1.3
7	☐	20000.000	19775.116	25297.60	0.3942	P	1.9
8	☐			147.23	0.0023	P	16.4

$$y = 1.9825E-005 * x + 0.0021$$

$$R = 0.9997$$

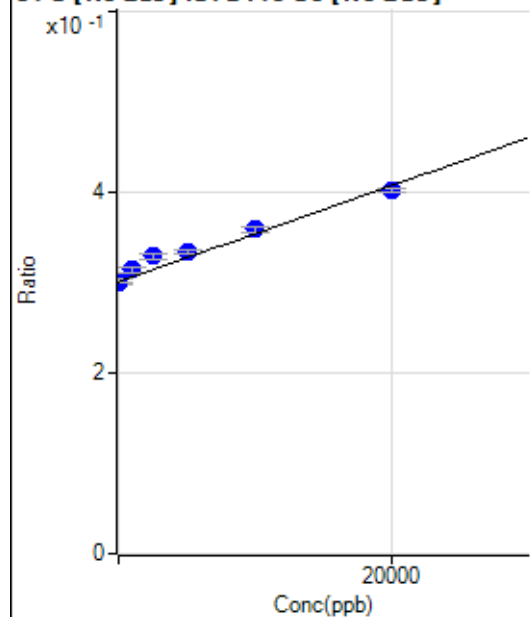
$$DL = 82.29$$

$$BEC = 107.5$$

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	-269.305	439770.16	0.2991	P	0.5
2	☐	0.000	269.305	446731.80	0.3020	P	1.7
3	☐	1000.000	2495.485	463609.36	0.3138	P	1.7
4	☐	2500.000	5224.593	487908.32	0.3283	P	1.4
5	☐	5000.000	6110.905	508547.08	0.3330	P	1.2
6	☐	10000.000	10838.662	553620.42	0.3581	P	1.9
7	☐	20000.000	18887.595	622434.02	0.4009	P	1.2
8	☐			433512.04	0.2696	P	2.5

$$y = 5.3129\text{E-}006 * x + 0.3005$$

$$R = 0.9873$$

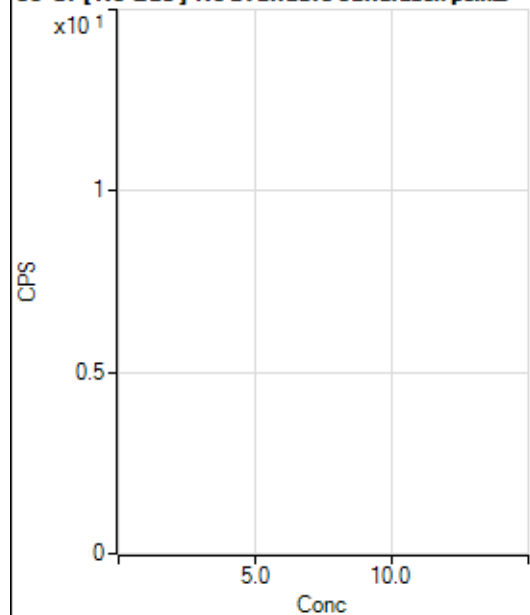
$$DL = 1876$$

$$BEC = 5.656\text{E}+04$$

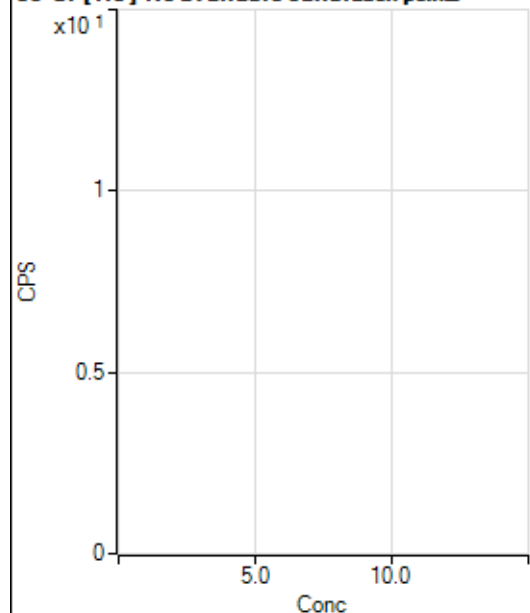
Weight: <None>

Min Conc: 0

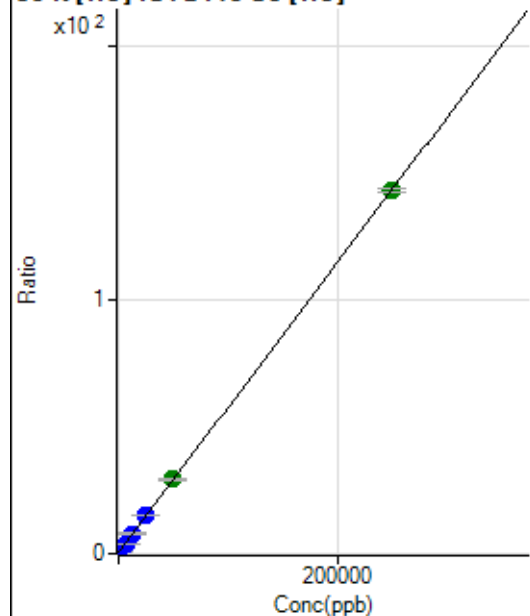
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			175315.65		P	0.9
2	☐			181883.43		P	1.0
3	☐			235848.24		P	2.3
4	☐			218795.41		P	1.4
5	☐			217199.01		P	1.8
6	☐			216328.05		P	1.5
7	☐			215459.07		P	1.1
8	☐			212525.64		P	1.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1708.48		P	5.3
2	☐			1889.06		P	1.3
3	☐			2511.39		P	6.4
4	☐			2441.94		P	0.7
5	☐			2266.90		P	9.6
6	☐			2214.12		P	1.2
7	☐			2158.56		P	3.7
8	☐			1991.85		P	0.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27755.08	0.4019	P	2.8
2	☐	500.000	532.186	46954.82	0.7054	P	1.2
3	☐	2500.000	2698.160	127874.47	1.9407	P	0.7
4	☐	6250.000	6520.551	278940.83	4.1206	P	1.0
5	☐	12500.000	13203.085	529932.94	7.9318	P	1.1
6	☐	25000.000	26107.052	1007529.28	15.2911	P	0.4
7	☐	50000.000	50735.592	1882640.86	29.3372	A	1.7
8	☐	250000.00	249698.21	9309636.93	142.8086	A	0.9

$$y = 5.7032E-004 * x + 0.4019$$

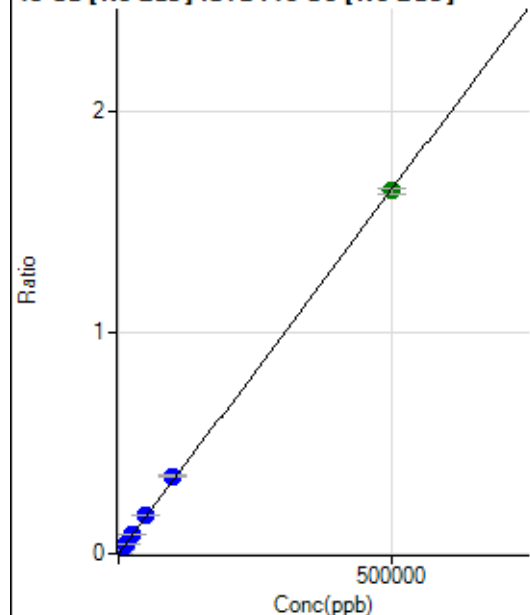
$$R = 1.0000$$

$$DL = 58.73$$

$$BEC = 704.6$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	324.55	0.0002	P	3.9
2	☐	500.000	489.830	2713.26	0.0018	P	1.0
3	☐	5000.000	5241.471	25825.33	0.0175	P	2.0
4	☐	12500.000	13027.846	64091.79	0.0431	P	1.1
5	☐	25000.000	26137.897	131788.82	0.0863	P	0.6
6	☐	50000.000	52376.544	266998.10	0.1727	P	1.4
7	☐	100000.00	105982.44	542157.13	0.3492	P	2.2
8	☐	500000.00	498493.36	2640045.29	1.6416	A	1.7

$$y = 3.2928\text{E-}006 * x + 2.2072\text{E-}004$$

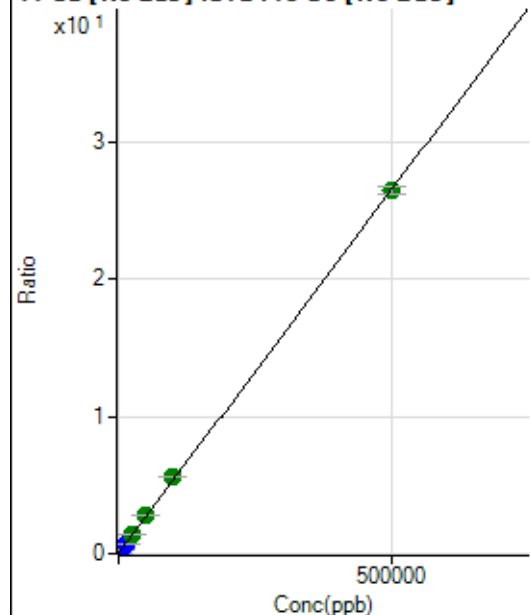
$$R = 0.9999$$

$$DL = 7.885$$

$$BEC = 67.03$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47229.02	0.0321	P	1.3
2	☐	500.000	495.143	86309.77	0.0583	P	1.7
3	☐	5000.000	5234.933	456954.36	0.3093	P	1.8
4	☐	12500.000	13211.840	1087351.52	0.7316	P	2.0
5	☐	25000.000	26786.671	2215147.80	1.4503	A	1.3
6	☐	50000.000	52344.954	4335726.50	2.8035	A	0.4
7	☐	100000.00	105373.59	8712382.73	5.6110	A	1.2
8	☐	500000.00	498581.31	42500090.48	26.4291	A	2.0

$$y = 5.2944\text{E-}005 * x + 0.0321$$

$$R = 0.9999$$

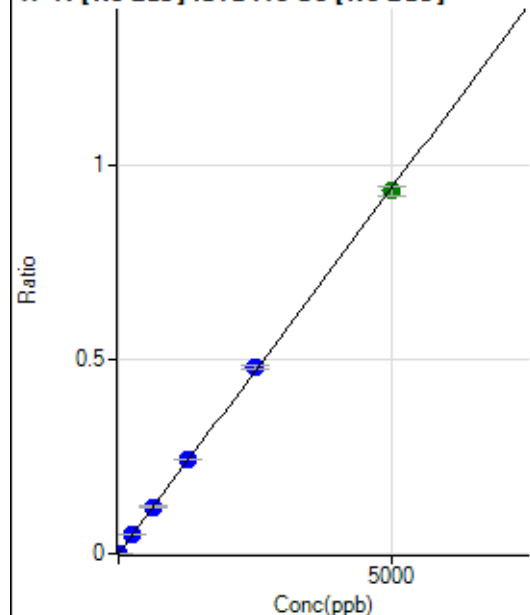
$$DL = 23.03$$

$$BEC = 606.7$$

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	330.57	0.0002	P	14.2
2	☐	5.000	5.021	1727.93	0.0012	P	11.1
3	☐	250.000	255.723	71358.58	0.0483	P	0.3
4	☐	625.000	642.354	179790.94	0.1210	P	1.6
5	☐	1250.000	1284.799	369202.99	0.2417	P	1.0
6	☐	2500.000	2548.354	741011.31	0.4792	P	2.4
7	☐	5000.000	4964.668	1449232.23	0.9334	A	2.4
8	☐			533.36	0.0003	P	33.8

$$y = 1.8797E-004 * x + 2.2509E-004$$

$$R = 0.9999$$

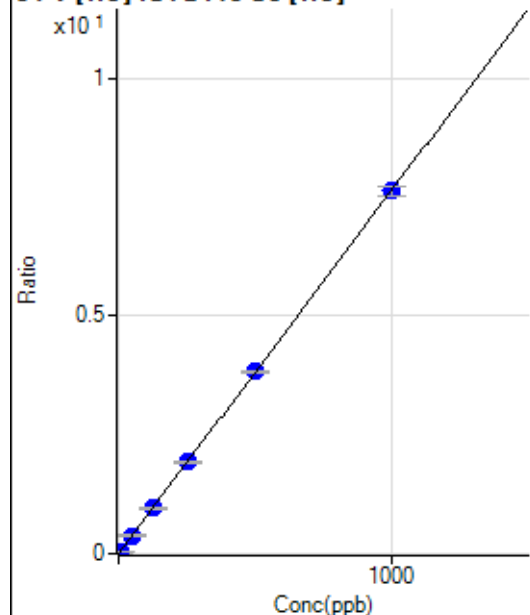
$$DL = 0.5097$$

$$BEC = 1.197$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6.67	0.0001	P	52.2
2	☐	5.000	5.026	2560.26	0.0385	P	5.6
3	☐	50.000	50.179	25240.06	0.3831	P	1.4
4	☐	125.000	124.773	64469.82	0.9524	P	0.8
5	☐	250.000	251.917	128461.37	1.9227	P	0.9
6	☐	500.000	500.731	251811.97	3.8217	P	0.7
7	☐	1000.000	999.175	489322.82	7.6259	P	2.3
8	☐			92.22	0.0014	P	31.7

$$y = 0.0076 * x + 9.7256E-005$$

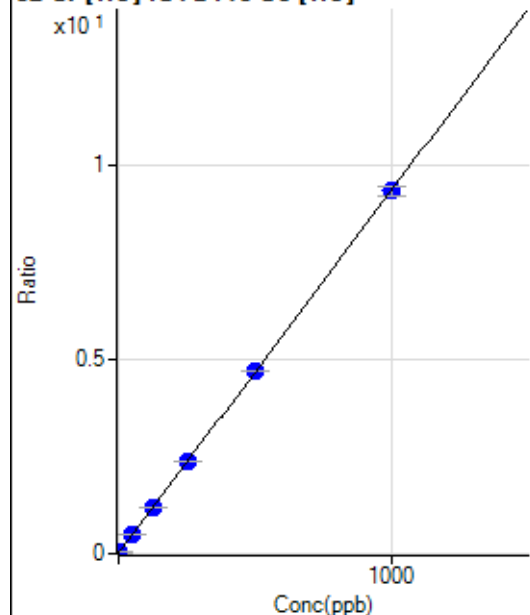
$$R = 1.0000$$

$$DL = 0.01995$$

$$BEC = 0.01274$$

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	620.02	0.0090	P	5.9
2	☐	2.000	1.969	1823.47	0.0274	P	2.4
3	☐	50.000	51.111	32075.95	0.4869	P	2.3
4	☐	125.000	125.884	80284.56	1.1860	P	1.2
5	☐	250.000	251.569	157748.12	2.3611	P	0.2
6	☐	500.000	502.105	309915.50	4.7035	P	0.2
7	☐	1000.000	998.389	599515.55	9.3437	P	2.7
8	☐			4470.75	0.0686	P	4.0

$$y = 0.0093 * x + 0.0090$$

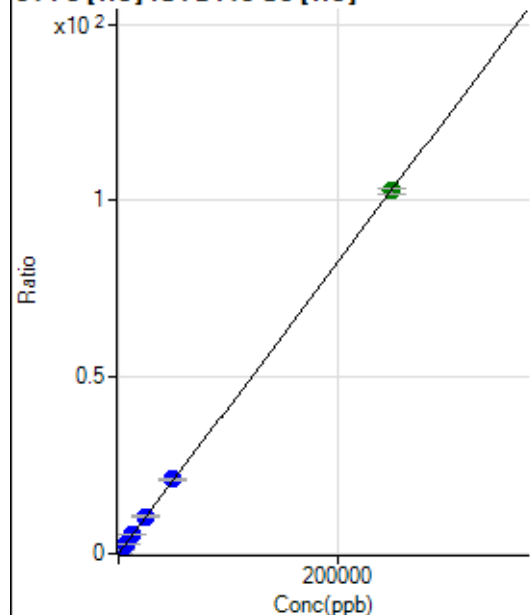
$$R = 1.0000$$

$$DL = 0.1688$$

$$BEC = 0.9604$$

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	388.90	0.0057	P	23.7
2	☐	50.000	53.604	1844.60	0.0277	P	6.2
3	☐	2500.000	2605.574	71025.66	1.0781	P	3.2
4	☐	6250.000	6413.214	179078.72	2.6454	P	0.2
5	☐	12500.000	13018.767	358400.10	5.3643	P	0.5
6	☐	25000.000	25770.704	699293.37	10.6130	P	1.3
7	☐	50000.000	50975.665	1346847.47	20.9875	P	1.2
8	☐	250000.00	249696.72	6700100.38	102.7823	A	1.6

$$y = 4.1161E-004 * x + 0.0057$$

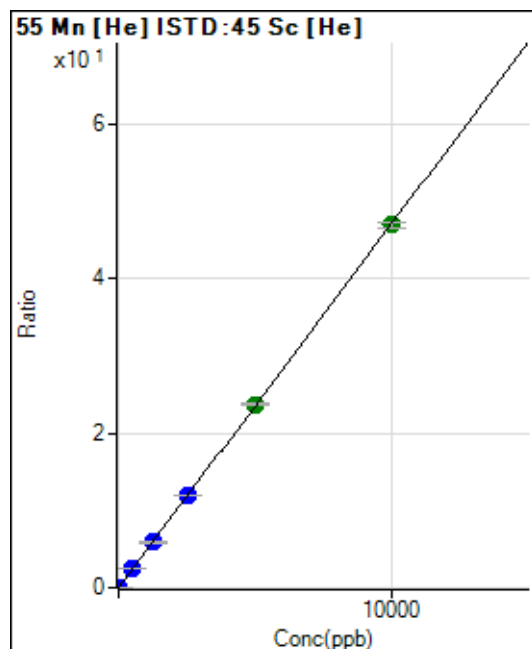
$$R = 1.0000$$

$$DL = 9.754$$

$$BEC = 13.73$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	51.11	0.0007	P	32.2
2	☐	1.000	1.085	388.90	0.0058	P	0.5
3	☐	500.000	507.782	157326.55	2.3878	P	1.4
4	☐	1250.000	1246.015	396560.36	5.8581	P	0.7
5	☐	2500.000	2530.589	794846.66	11.8968	P	0.3
6	☐	5000.000	5039.999	1561147.53	23.6932	A	0.8
7	☐	10000.000	9972.462	3008320.68	46.8802	A	1.6
8	☐			1904.59	0.0292	P	1.8

$$y = 0.0047 * x + 7.4221E-004$$

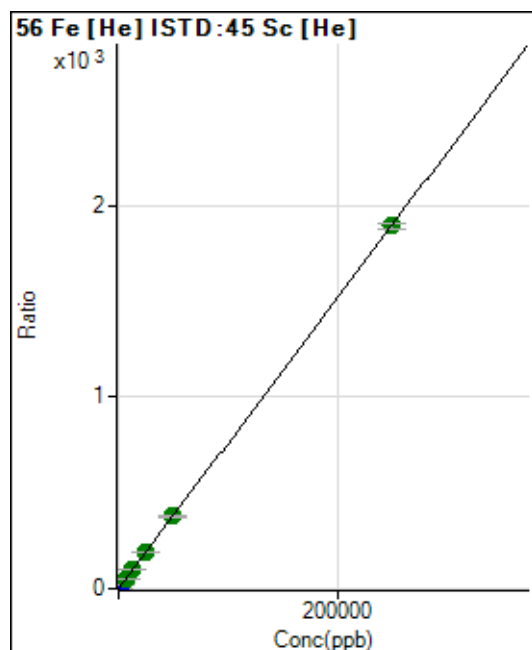
$$R = 1.0000$$

$$DL = 0.1527$$

$$BEC = 0.1579$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1514.93	0.0219	P	7.9
2	☐	50.000	51.611	27474.82	0.4127	P	0.3
3	☐	2500.000	2558.136	1277820.41	19.3934	P	1.3
4	☐	6250.000	6360.479	3261928.92	48.1867	A	1.3
5	☐	12500.000	12665.775	6409499.74	95.9337	A	0.3
6	☐	25000.000	25065.403	12508042.29	189.8300	A	1.0
7	☐	50000.000	49928.206	24261572.07	378.1039	A	2.3
8	☐	250000.00	249996.18	123408250.9	1,893.121	A	1.5

$$y = 0.0076 * x + 0.0219$$

$$R = 1.0000$$

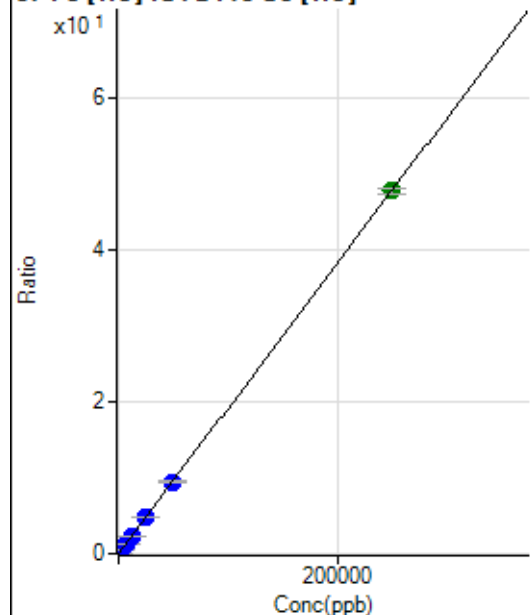
$$DL = 0.6841$$

$$BEC = 2.894$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	179.64	0.0026	P	14.6
2	☐	50.000	44.281	735.22	0.0110	P	2.1
3	☐	2500.000	2484.852	31394.21	0.4765	P	3.7
4	☐	6250.000	6202.816	80263.66	1.1857	P	1.2
5	☐	12500.000	12479.168	159201.66	2.3828	P	0.5
6	☐	25000.000	24817.671	312071.51	4.7362	P	0.7
7	☐	50000.000	49159.095	601804.35	9.3790	P	2.3
8	☐	250000.00	250188.78	3110884.79	47.7225	A	1.8

$$y = 1.9074\text{E-}004 * x + 0.0026$$

$$R = 1.0000$$

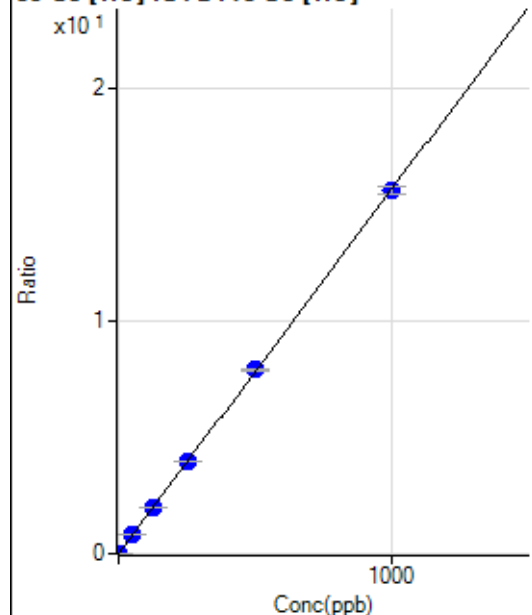
$$DL = 5.959$$

$$BEC = 13.63$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54.44	0.0008	P	8.8
2	☐	1.000	0.977	1070.05	0.0161	P	9.2
3	☐	50.000	51.229	52882.23	0.8026	P	1.4
4	☐	125.000	126.213	133778.32	1.9763	P	1.4
5	☐	250.000	252.661	264268.08	3.9554	P	0.2
6	☐	500.000	506.057	521943.12	7.9215	P	0.9
7	☐	1000.000	996.093	1000472.07	15.5914	P	2.2
8	☐			1600.11	0.0245	P	5.0

$$y = 0.0157 * x + 7.8796\text{E-}004$$

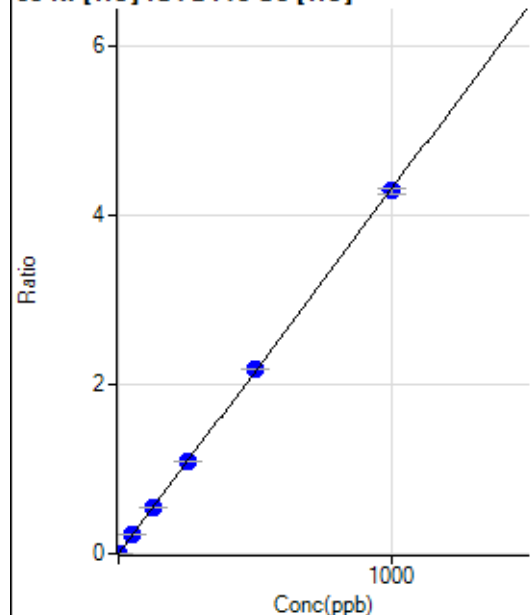
$$R = 1.0000$$

$$DL = 0.01327$$

$$BEC = 0.05034$$

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	23.33	0.0003	P	50.4
2	☐	1.000	1.101	337.78	0.0051	P	6.0
3	☐	50.000	51.885	14738.84	0.2237	P	1.0
4	☐	125.000	127.644	37218.63	0.5498	P	0.6
5	☐	250.000	253.356	72887.77	1.0910	P	1.3
6	☐	500.000	507.702	144024.48	2.1858	P	0.4
7	☐	1000.000	994.885	274834.30	4.2830	P	1.9
8	☐			1013.38	0.0155	P	3.2

$$y = 0.0043 * x + 3.3606E-004$$

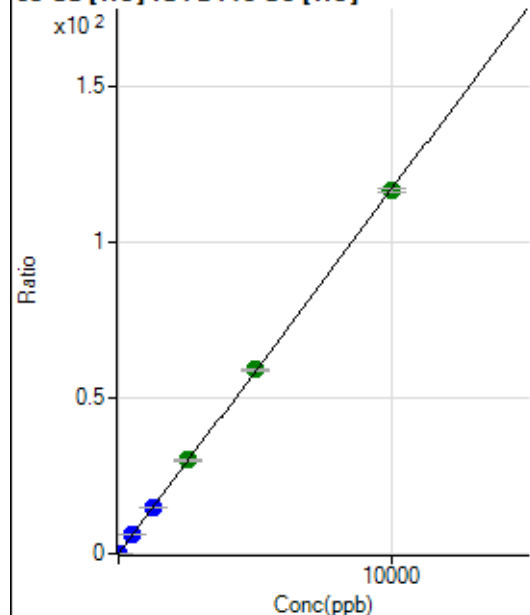
$$R = 0.9999$$

$$DL = 0.118$$

$$BEC = 0.07807$$

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	248.90	0.0036	P	12.5
2	☐	2.000	1.921	1736.79	0.0261	P	0.3
3	☐	500.000	509.796	393534.03	5.9730	P	2.1
4	☐	1250.000	1259.116	998295.55	14.7472	P	0.9
5	☐	2500.000	2574.719	2014506.38	30.1522	A	1.6
6	☐	5000.000	5043.060	3891085.53	59.0552	A	1.7
7	☐	10000.000	9958.161	7483201.14	116.6085	A	1.2
8	☐			5146.53	0.0789	P	1.6

$$y = 0.0117 * x + 0.0036$$

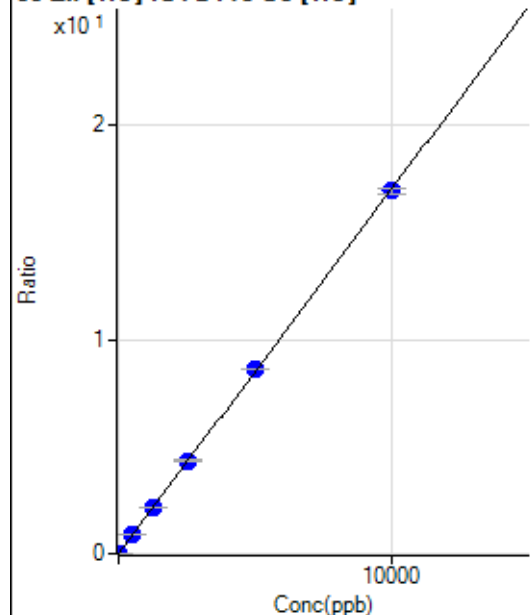
$$R = 1.0000$$

$$DL = 0.1151$$

$$BEC = 0.307$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	127.78	0.0018	P	2.4
2	☐	2.000	1.678	313.34	0.0047	P	11.5
3	☐	500.000	513.500	57723.48	0.8760	P	0.9
4	☐	1250.000	1258.503	145159.67	2.1443	P	0.1
5	☐	2500.000	2551.356	290313.34	4.3453	P	0.6
6	☐	5000.000	5061.074	567823.74	8.6178	P	0.5
7	☐	10000.000	9954.886	1087632.82	16.9490	P	1.6
8	☐			2742.51	0.0421	P	1.8

$$y = 0.0017 * x + 0.0018$$

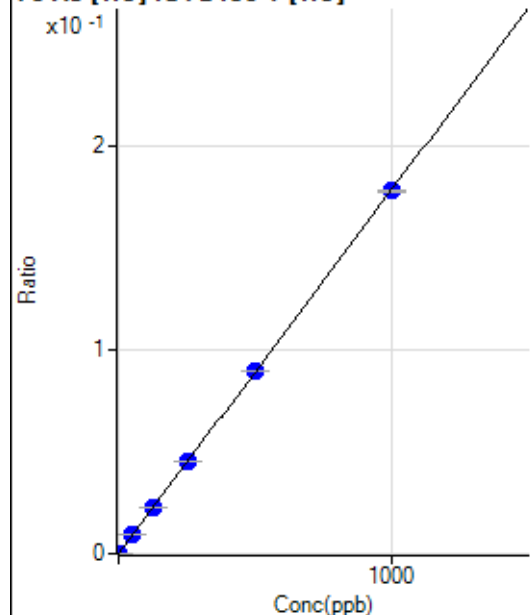
$$R = 1.0000$$

$$DL = 0.07689$$

$$BEC = 1.086$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6.33	0.0000	P	49.0
2	☐	1.000	0.997	91.34	0.0002	P	3.1
3	☐	50.000	51.531	4330.44	0.0092	P	3.9
4	☐	125.000	125.987	10799.21	0.0225	P	2.5
5	☐	250.000	253.154	21758.87	0.0451	P	0.1
6	☐	500.000	502.837	42929.41	0.0896	P	0.4
7	☐	1000.000	997.593	82297.48	0.1778	P	0.6
8	☐			36.00	0.0001	P	8.5

$$y = 1.7823E-004 * x + 1.2804E-005$$

$$R = 1.0000$$

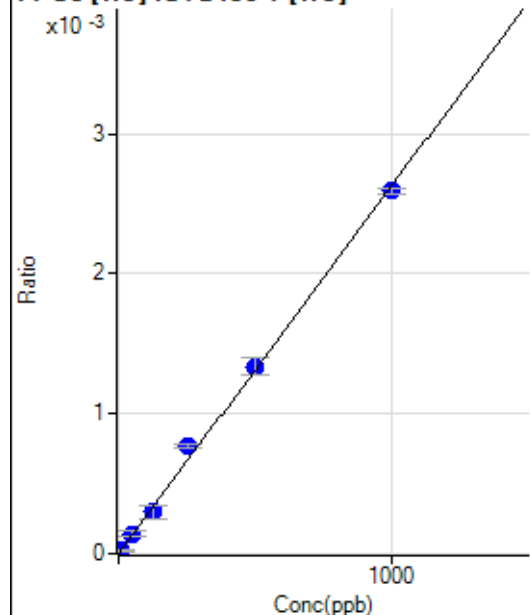
$$DL = 0.1056$$

$$BEC = 0.07184$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	8.807	11.11	0.0000	P	62.2
3	☐	50.000	53.140	65.56	0.0001	P	26.6
4	☐	125.000	112.680	142.23	0.0003	P	29.3
5	☐	250.000	291.224	368.90	0.0008	P	3.6
6	☐	500.000	508.378	640.02	0.0013	P	9.1
7	☐	1000.000	986.869	1200.06	0.0026	P	1.5
8	☐			1.11	0.0000	P	173.2

$$y = 2.6275\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9988$$

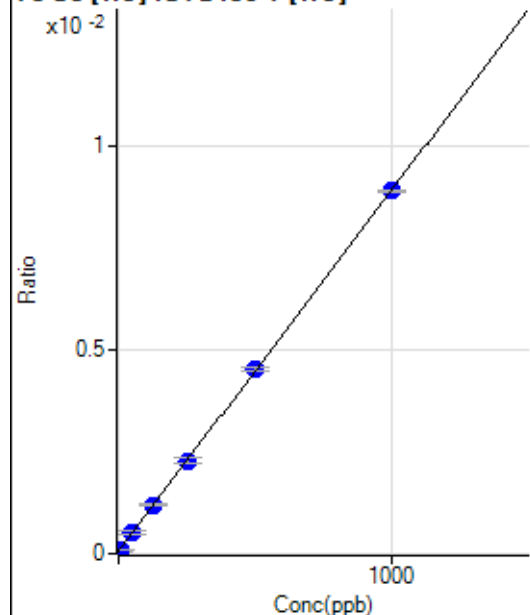
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0001	P	8.9
2	☐	5.000	4.354	47.67	0.0001	P	19.6
3	☐	50.000	50.905	240.36	0.0005	P	14.5
4	☐	125.000	128.114	574.07	0.0012	P	2.3
5	☐	250.000	249.293	1092.49	0.0023	P	6.4
6	☐	500.000	503.342	2162.05	0.0045	P	1.6
7	☐	1000.000	998.074	4115.02	0.0089	P	0.8
8	☐			26.00	0.0001	P	12.5

$$y = 8.8466\text{E-}006 * x + 6.0935\text{E-}005$$

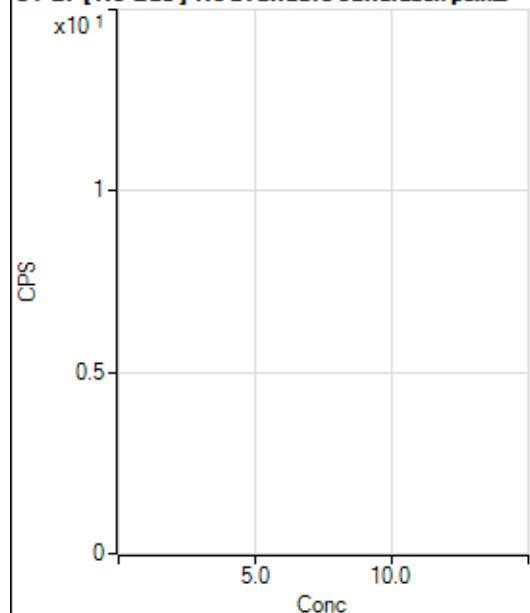
$$R = 1.0000$$

$$DL = 1.841$$

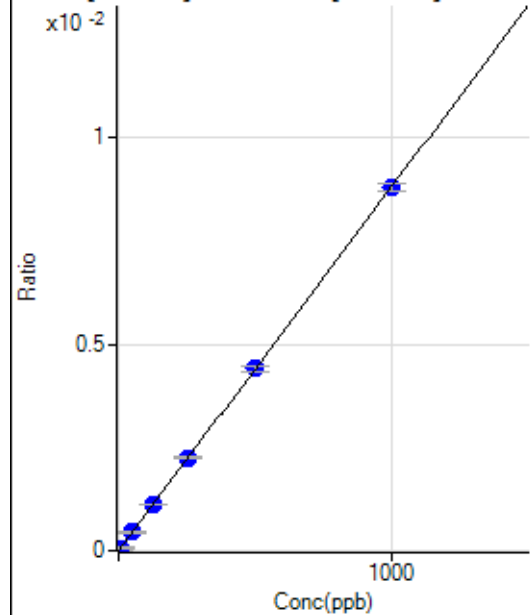
$$BEC = 6.888$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1678.51		P	9.7
2	☐			1865.40		P	5.7
3	☐			1638.45		P	9.8
4	☐			1811.99		P	13.6
5	☐			1591.74		P	8.5
6	☐			1538.34		P	16.3
7	☐			1675.17		P	3.9
8	☐			1741.90		P	5.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-27.80	0.0000	P	-226.
2	☐	5.000	7.266	209.34	0.0001	P	40.6
3	☐	50.000	51.104	1656.93	0.0004	P	8.4
4	☐	125.000	127.764	4184.82	0.0011	P	1.1
5	☐	250.000	255.723	8485.45	0.0022	P	0.8
6	☐	500.000	500.604	16588.66	0.0044	P	2.9
7	☐	1000.000	997.855	32983.51	0.0088	P	2.3
8	☐			35.33	0.0000	P	179.3

$$y = 8.8124E-006 * x - 7.6790E-006$$

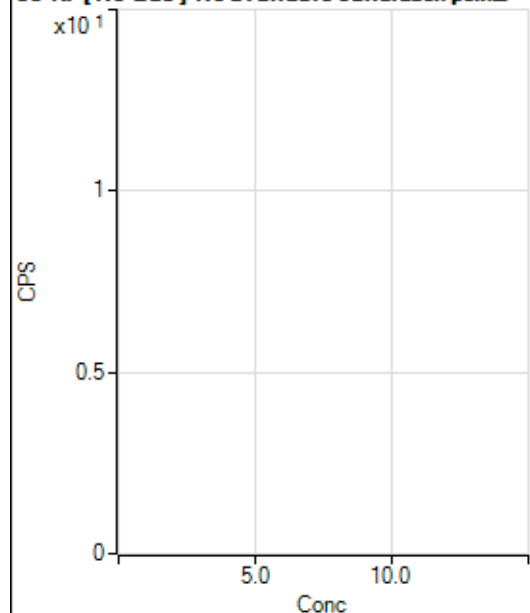
$$R = 1.0000$$

$$DL = 5.913$$

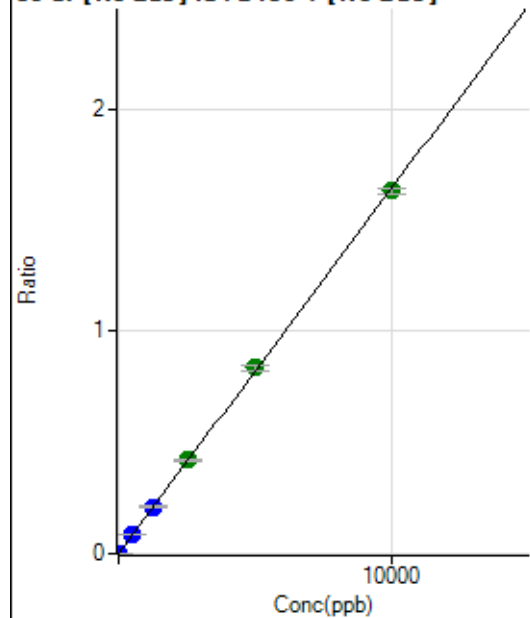
$$BEC = -0.8714$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1495.65		P	3.4
2	☐			1432.31		P	6.0
3	☐			1486.76		P	6.2
4	☐			1458.98		P	5.1
5	☐			1508.99		P	2.9
6	☐			1562.33		P	5.3
7	☐			1436.76		P	4.1
8	☐			1391.19		P	1.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2480.84	0.0007	P	8.5
2	☐	1.000	0.987	3111.54	0.0008	P	3.8
3	☐	500.000	505.242	312992.01	0.0836	P	0.6
4	☐	1250.000	1284.970	791676.11	0.2115	P	1.2
5	☐	2500.000	2565.403	1593289.07	0.4217	A	2.1
6	☐	5000.000	5092.005	3150622.03	0.8363	A	2.7
7	☐	10000.000	9933.013	6122243.15	1.6307	A	1.4
8	☐			4017.33	0.0010	P	6.0

$$y = 1.6410E-004 * x + 6.7596E-004$$

$$R = 0.9999$$

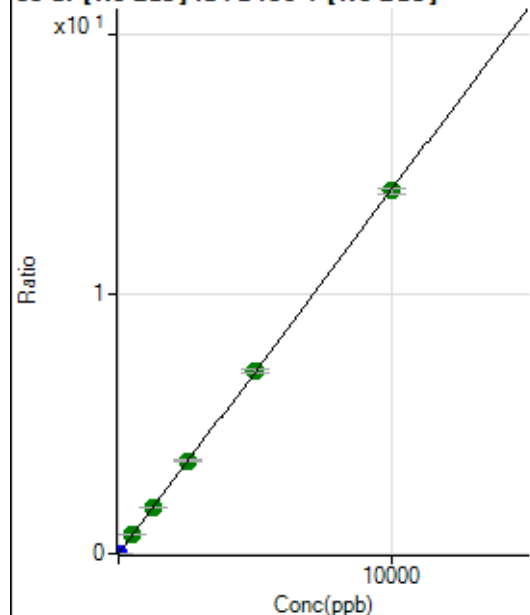
$$DL = 1.048$$

$$BEC = 4.119$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.11	0.0000	P	48.7
2	☐	1.000	1.072	5648.51	0.0015	P	3.6
3	☐	500.000	511.777	2689850.04	0.7183	A	0.9
4	☐	1250.000	1267.674	6658781.88	1.7793	A	0.5
5	☐	2500.000	2557.779	13564321.22	3.5900	A	1.6
6	☐	5000.000	5021.678	26554410.66	7.0482	A	2.1
7	☐	10000.000	9971.918	52546559.51	13.9962	A	1.5
8	☐			16037.34	0.0042	P	3.5

$$y = 0.0014 * x + 1.6704E-005$$

$$R = 1.0000$$

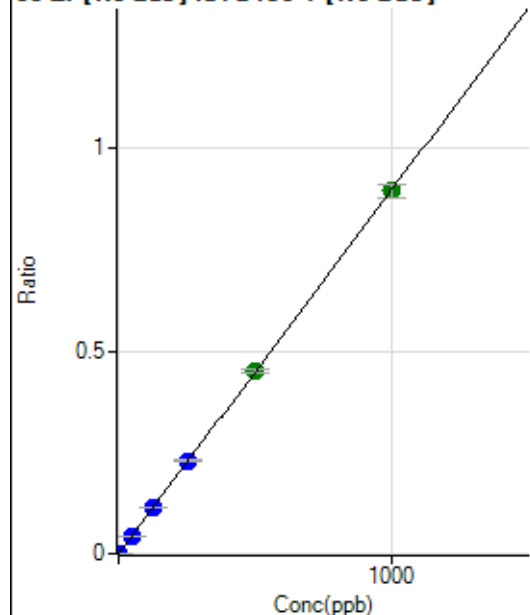
$$DL = 0.0174$$

$$BEC = 0.0119$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	241.68	0.0001	P	19.4
2	☐	1.000	1.020	3636.69	0.0010	P	4.1
3	☐	50.000	49.742	167143.57	0.0446	P	1.5
4	☐	125.000	126.418	424196.01	0.1133	P	1.0
5	☐	250.000	255.839	866470.64	0.2293	P	1.3
6	☐	500.000	501.142	1692034.87	0.4491	A	2.1
7	☐	1000.000	997.805	3356587.21	0.8942	A	3.7
8	☐			763.93	0.0002	P	11.4

$$y = 8.9610E-004 * x + 6.5889E-005$$

$$R = 1.0000$$

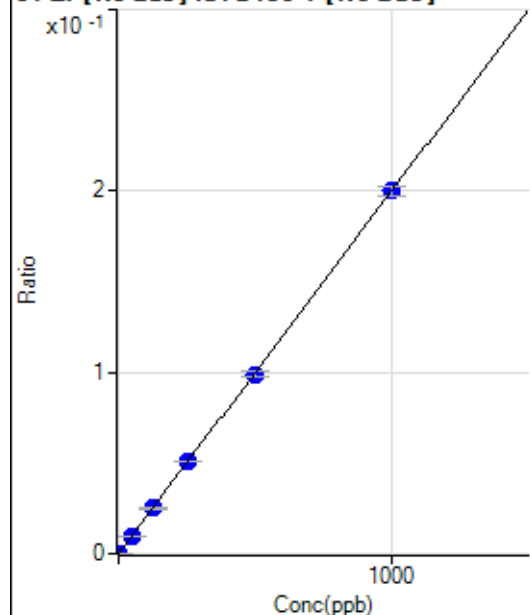
$$DL = 0.04277$$

$$BEC = 0.07353$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0000	P	32.9
2	☐	1.000	0.946	769.49	0.0002	P	8.4
3	☐	50.000	49.078	36788.13	0.0098	P	2.0
4	☐	125.000	125.549	93963.27	0.0251	P	1.7
5	☐	250.000	254.337	192080.33	0.0508	P	0.2
6	☐	500.000	495.954	373390.25	0.0991	P	2.5
7	☐	1000.000	1000.917	750887.71	0.2000	P	2.7
8	☐			161.12	0.0000	P	33.9

$$y = 1.9982\text{E-}004 * x + 1.8159\text{E-}005$$

$$R = 1.0000$$

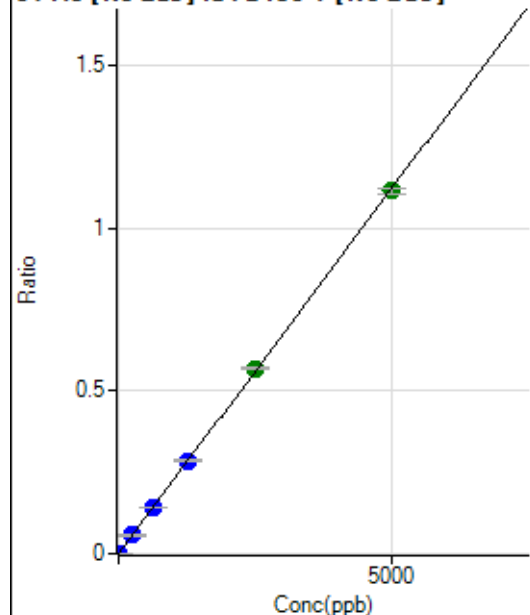
$$DL = 0.0897$$

$$BEC = 0.09088$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	94.45	0.0000	P	39.2
2	☐	5.000	5.049	4300.79	0.0012	P	7.1
3	☐	250.000	250.900	210808.84	0.0563	P	2.1
4	☐	625.000	634.581	532751.19	0.1424	P	2.2
5	☐	1250.000	1274.960	1080506.76	0.2860	P	0.8
6	☐	2500.000	2542.396	2148498.88	0.5703	A	1.0
7	☐	5000.000	4971.319	4186303.13	1.1151	A	1.9
8	☐			1344.55	0.0003	P	13.5

$$y = 2.2430\text{E-}004 * x + 2.5710\text{E-}005$$

$$R = 0.9999$$

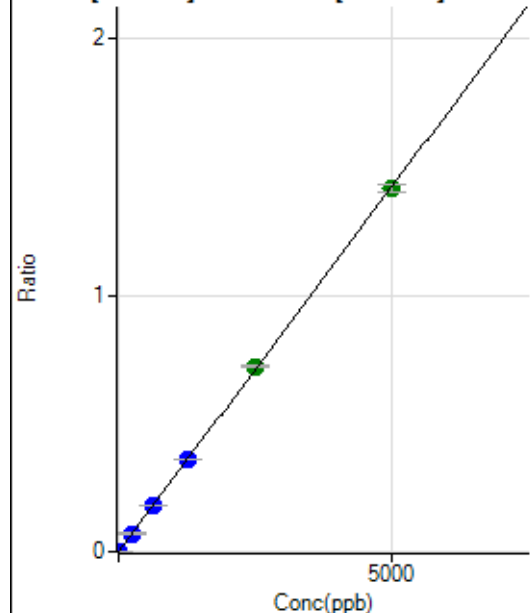
$$DL = 0.1348$$

$$BEC = 0.1146$$

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	5.56	0.0000	P	173.2
2	☐	5.000	5.130	5417.86	0.0015	P	1.2
3	☐	250.000	248.324	264143.82	0.0705	P	2.4
4	☐	625.000	624.683	664157.59	0.1775	P	1.3
5	☐	1250.000	1262.068	1354688.66	0.3586	P	0.5
6	☐	2500.000	2541.887	2720581.66	0.7221	A	1.4
7	☐	5000.000	4976.163	5307380.72	1.4137	A	2.2
8	☐			2011.31	0.0005	P	10.2

$$y = 2.8410E-004 * x + 1.5130E-006$$

$$R = 0.9999$$

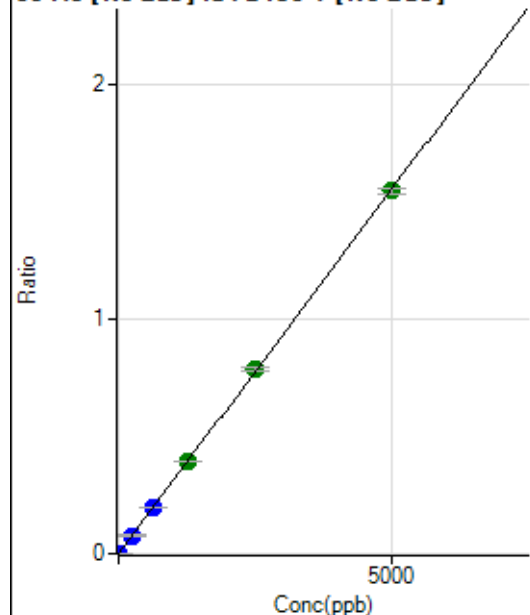
$$DL = 0.02767$$

$$BEC = 0.005326$$

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	36.11	0.0000	P	53.2
2	☐	5.000	5.123	5931.97	0.0016	P	4.9
3	☐	250.000	250.713	290987.59	0.0777	P	2.1
4	☐	625.000	630.308	731157.70	0.1954	P	0.7
5	☐	1250.000	1267.190	1483959.00	0.3928	A	0.8
6	☐	2500.000	2526.639	2950297.55	0.7831	A	2.1
7	☐	5000.000	4981.684	5796956.73	1.5441	A	1.5
8	☐			2491.95	0.0006	P	4.7

$$y = 3.0995E-004 * x + 9.8396E-006$$

$$R = 1.0000$$

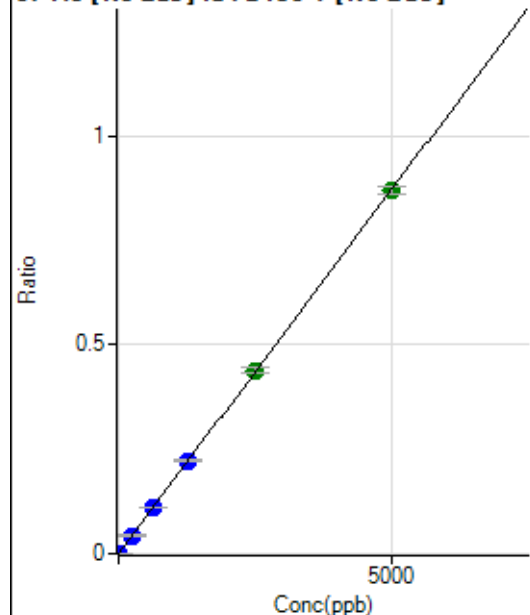
$$DL = 0.05068$$

$$BEC = 0.03175$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	5.000	5.080	3289.38	0.0009	P	2.5
3	☐	250.000	248.236	161816.46	0.0432	P	2.5
4	☐	625.000	629.953	410454.61	0.1097	P	1.3
5	☐	1250.000	1274.222	838190.23	0.2218	P	1.4
6	☐	2500.000	2519.119	1652023.59	0.4386	A	3.0
7	☐	5000.000	4983.854	3257377.33	0.8677	A	2.2
8	☐			1141.75	0.0003	P	7.0

$$y = 1.7410\text{E-}004 * x + 1.5201\text{E-}006$$

$$R = 1.0000$$

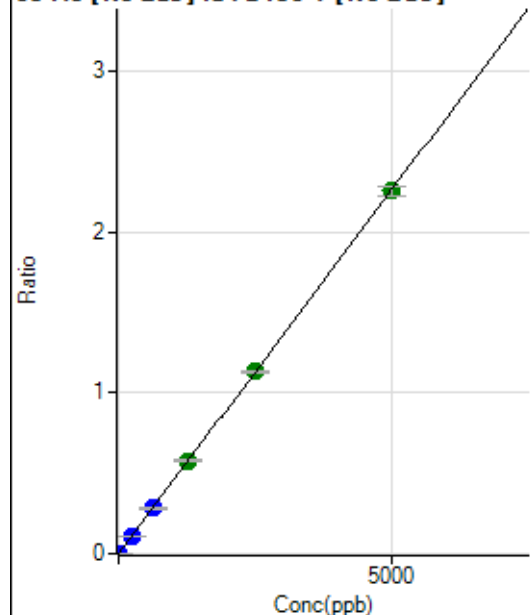
$$DL = 0.02269$$

$$BEC = 0.008732$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	35.2
2	☐	5.000	5.068	8511.13	0.0023	P	1.9
3	☐	250.000	248.732	420605.63	0.1123	P	1.9
4	☐	625.000	624.100	1054704.93	0.2818	P	2.1
5	☐	1250.000	1280.199	2184284.58	0.5781	A	0.9
6	☐	2500.000	2506.205	4263778.48	1.1318	A	1.5
7	☐	5000.000	4989.524	8458367.73	2.2532	A	2.8
8	☐			2905.95	0.0008	P	11.1

$$y = 4.5158\text{E-}004 * x + 3.7922\text{E-}006$$

$$R = 1.0000$$

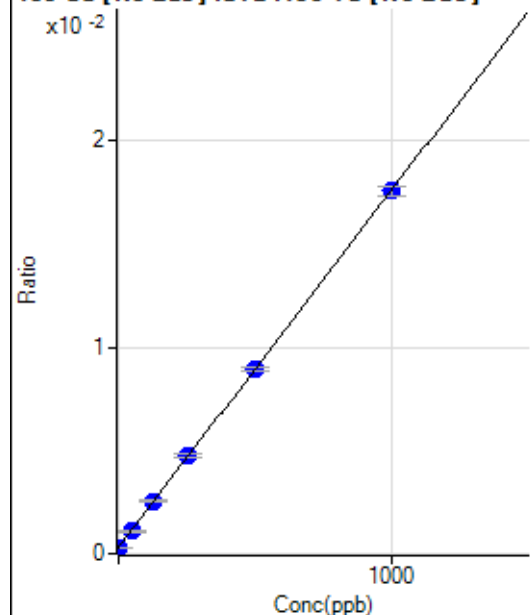
$$DL = 0.008872$$

$$BEC = 0.008398$$

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	838.94	0.0003	P	4.0
2	☐	1.000	-0.928	808.38	0.0003	P	4.0
3	☐	50.000	44.356	2961.51	0.0011	P	2.4
4	☐	125.000	129.605	7077.01	0.0025	P	4.2
5	☐	250.000	257.229	13701.57	0.0048	P	3.7
6	☐	500.000	499.300	25969.35	0.0089	P	2.1
7	☐	1000.000	998.251	51424.27	0.0176	P	2.6
8	☐			894.50	0.0003	P	4.9

$$y = 1.7310E-005 * x + 3.0639E-004$$

$$R = 0.9999$$

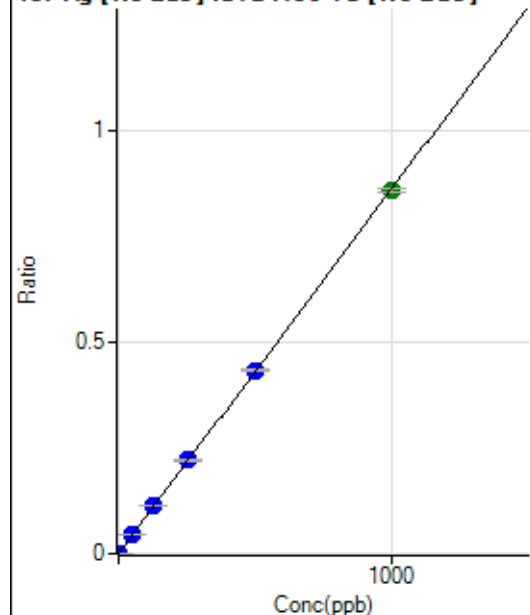
$$DL = 2.122$$

$$BEC = 17.7$$

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	11.11	0.0000	P	86.6
2	☐	1.000	0.972	2344.72	0.0008	P	0.9
3	☐	50.000	51.975	123519.59	0.0448	P	1.6
4	☐	125.000	131.639	314882.70	0.1135	P	0.3
5	☐	250.000	257.149	638030.96	0.2216	P	1.8
6	☐	500.000	503.806	1260142.17	0.4342	P	1.2
7	☐	1000.000	995.381	2509213.34	0.8580	A	1.2
8	☐			816.71	0.0003	P	6.6

$$y = 8.6193E-004 * x + 4.0601E-006$$

$$R = 0.9999$$

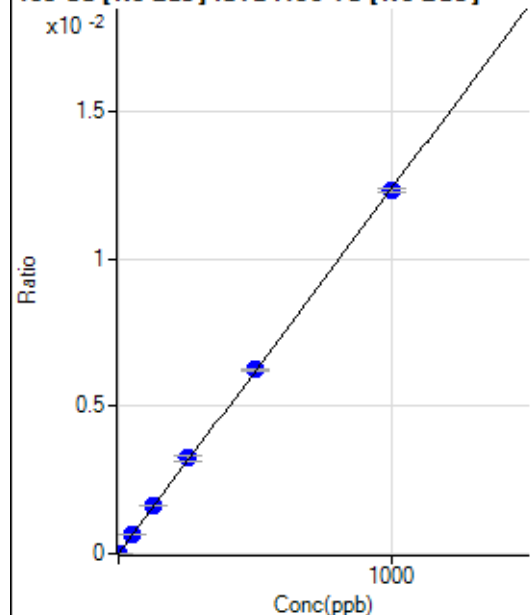
$$DL = 0.01224$$

$$BEC = 0.00471$$

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	16.67	0.0000	P	24.7
2	☐	1.000	0.716	41.67	0.0000	P	29.7
3	☐	50.000	53.161	1833.48	0.0007	P	3.1
4	☐	125.000	131.282	4532.75	0.0016	P	0.3
5	☐	250.000	261.553	9349.09	0.0032	P	5.0
6	☐	500.000	504.018	18145.37	0.0063	P	1.6
7	☐	1000.000	994.160	36059.55	0.0123	P	1.1
8	☐			51.39	0.0000	P	32.1

$$y = 1.2395\text{E-}005 * x + 6.0843\text{E-}006$$

$$R = 0.9999$$

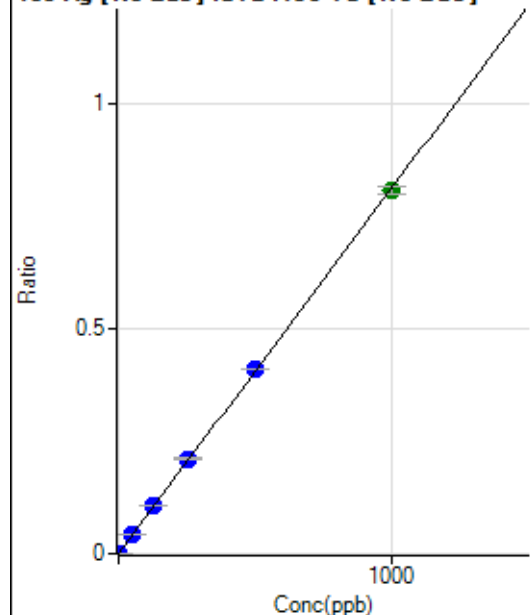
$$DL = 0.3641$$

$$BEC = 0.4909$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	0.7
2	☐	1.000	1.022	2322.49	0.0008	P	3.4
3	☐	50.000	53.137	119099.06	0.0432	P	0.6
4	☐	125.000	132.165	298158.57	0.1074	P	0.8
5	☐	250.000	260.569	609763.45	0.2118	P	2.0
6	☐	500.000	505.954	1193547.43	0.4113	P	0.8
7	☐	1000.000	993.328	2361526.57	0.8075	A	2.3
8	☐			786.16	0.0003	P	4.9

$$y = 8.1293\text{E-}004 * x + 3.0428\text{E-}006$$

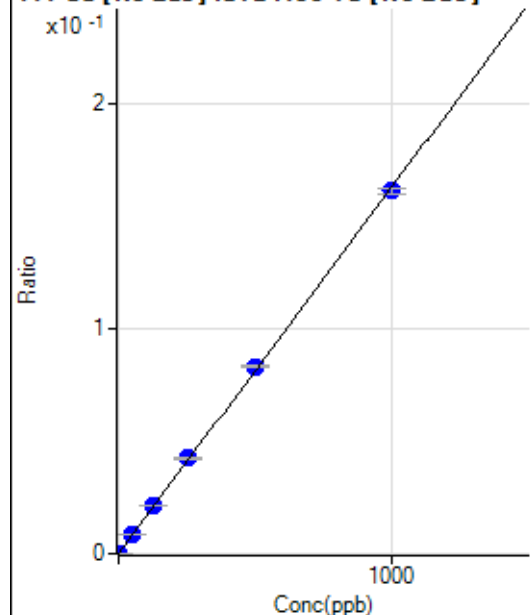
$$R = 0.9999$$

$$DL = 7.845\text{E-}05$$

$$BEC = 0.003743$$

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	165.84	0.0001	P	5.9
2	☐	1.000	1.060	647.80	0.0002	P	5.9
3	☐	50.000	53.036	23907.38	0.0087	P	2.6
4	☐	125.000	131.523	59426.25	0.0214	P	1.4
5	☐	250.000	260.312	121840.33	0.0423	P	1.2
6	☐	500.000	511.244	241044.46	0.0831	P	0.4
7	☐	1000.000	990.833	470647.06	0.1609	P	1.2
8	☐			305.44	0.0001	P	12.5

$$y = 1.6236\text{E-}004 * x + 6.0567\text{E-}005$$

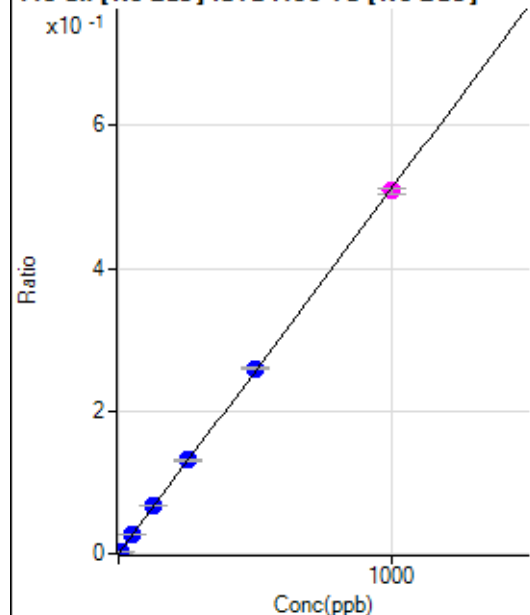
$$R = 0.9998$$

$$DL = 0.06573$$

$$BEC = 0.373$$

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	230.56	0.0001	P	23.9
2	☐	5.000	5.244	7702.35	0.0028	P	4.1
3	☐	50.000	51.762	73229.28	0.0266	P	1.9
4	☐	125.000	131.354	186689.18	0.0673	P	0.9
5	☐	250.000	255.939	377105.99	0.1310	P	1.7
6	☐	500.000	507.094	752942.20	0.2595	P	0.6
7	☐	1000.000	994.085	1487302.99	0.5086	M	1.8
8	☐			1055.62	0.0003	P	6.3

$$y = 5.1152\text{E-}004 * x + 8.4294\text{E-}005$$

$$R = 0.9999$$

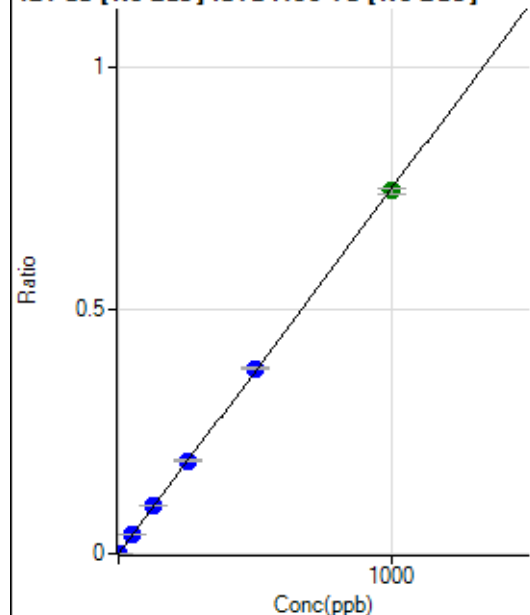
$$DL = 0.118$$

$$BEC = 0.1648$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.9
2	☐	2.000	2.084	4361.93	0.0016	P	3.2
3	☐	50.000	51.986	107333.90	0.0389	P	1.0
4	☐	125.000	131.041	272322.21	0.0981	P	1.1
5	☐	250.000	255.375	550456.79	0.1912	P	2.1
6	☐	500.000	506.974	1101606.43	0.3796	P	0.9
7	☐	1000.000	994.315	2177525.20	0.7445	A	1.7
8	☐			1430.67	0.0005	P	18.6

$$y = 7.4878\text{E-}004 * x + 6.0806\text{E-}006$$

$$R = 0.9999$$

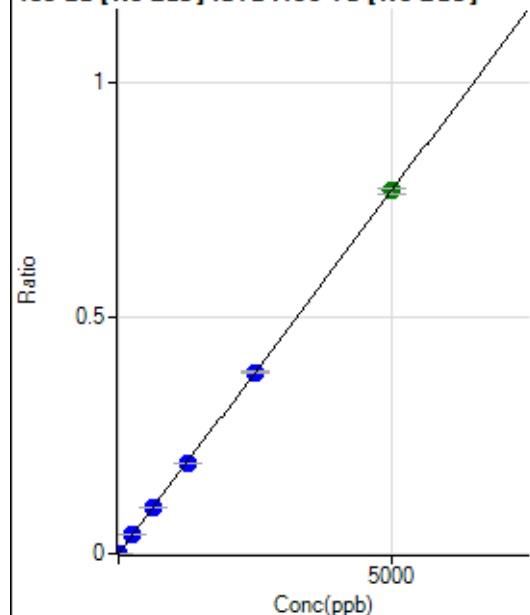
$$DL = 0.01215$$

$$BEC = 0.008121$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	100.2
2	☐	10.000	10.076	4325.80	0.0016	P	1.4
3	☐	250.000	257.834	109392.60	0.0397	P	0.5
4	☐	625.000	634.185	270826.76	0.0976	P	0.6
5	☐	1250.000	1253.394	555236.82	0.1929	P	0.7
6	☐	2500.000	2495.923	1114562.73	0.3841	P	1.4
7	☐	5000.000	4999.650	2250104.39	0.7694	A	1.8
8	☐			908.40	0.0003	P	7.4

$$y = 1.5388\text{E-}004 * x + 3.0365\text{E-}006$$

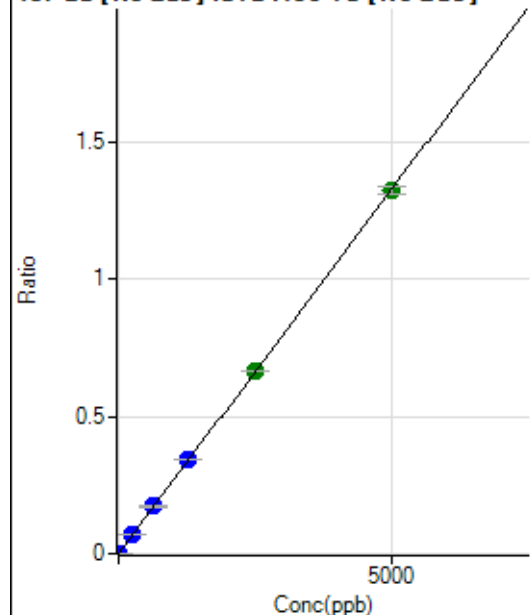
$$R = 1.0000$$

$$DL = 0.05934$$

$$BEC = 0.01973$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	68.7
2	☐	10.000	10.534	7791.33	0.0028	P	3.7
3	☐	250.000	257.832	188480.19	0.0684	P	0.9
4	☐	625.000	651.804	479580.21	0.1728	P	1.7
5	☐	1250.000	1292.178	986237.28	0.3426	P	1.3
6	☐	2500.000	2507.719	1929378.19	0.6649	A	0.7
7	☐	5000.000	4981.853	3863061.67	1.3209	A	2.2
8	☐			1500.13	0.0005	P	5.0

$$y = 2.6513E-004 * x + 5.0587E-006$$

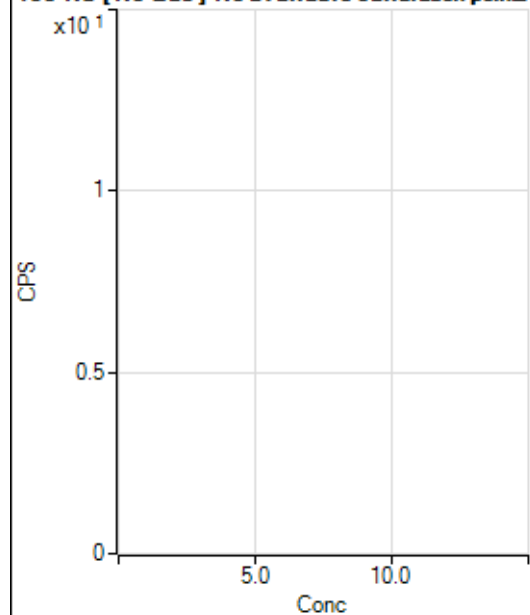
$$R = 1.0000$$

$$DL = 0.0393$$

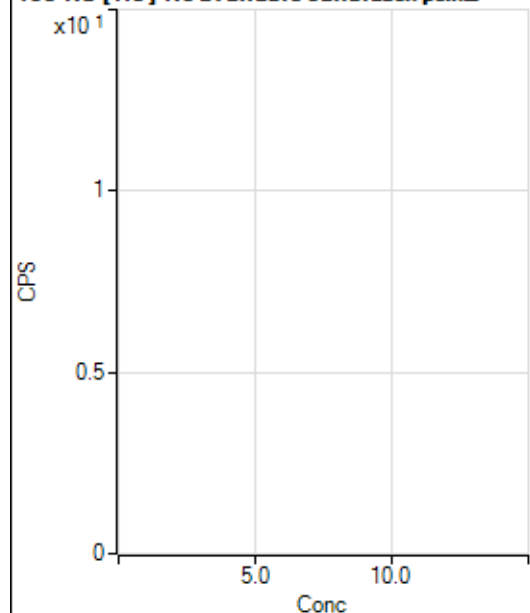
$$BEC = 0.01908$$

Weight: <None>

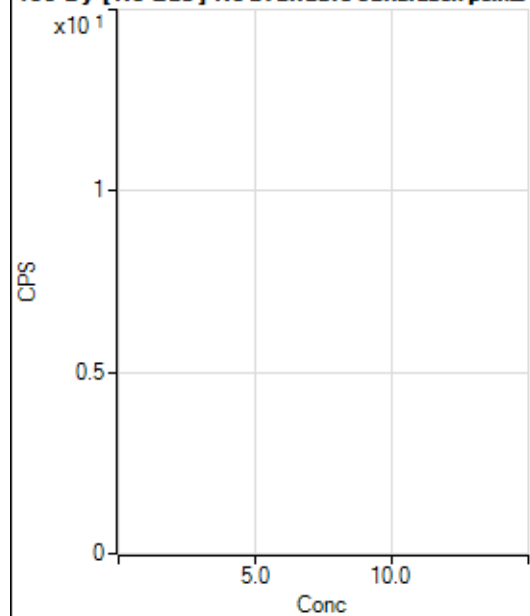
Min Conc: 0

150 Nd [No Gas] No available calibration points

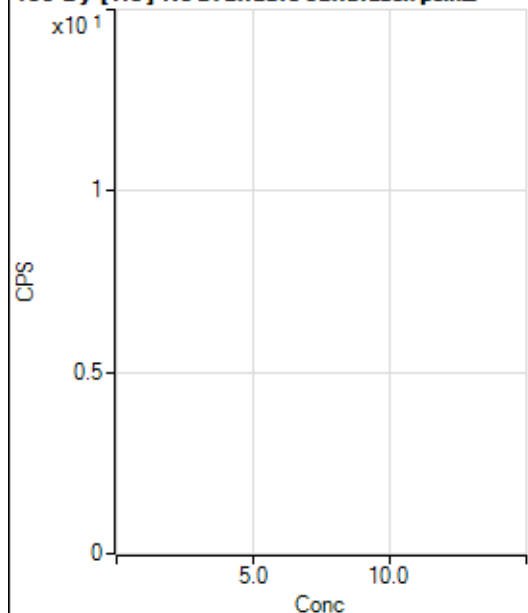
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			6.67		P	0.0
3	☐			15.56		P	49.5
4	☐			26.67		P	50.0
5	☐			33.33		P	20.0
6	☐			44.45		P	8.7
7	☐			91.11		P	18.4
8	☐			31.11		P	24.7

150 Nd [He] No available calibration points

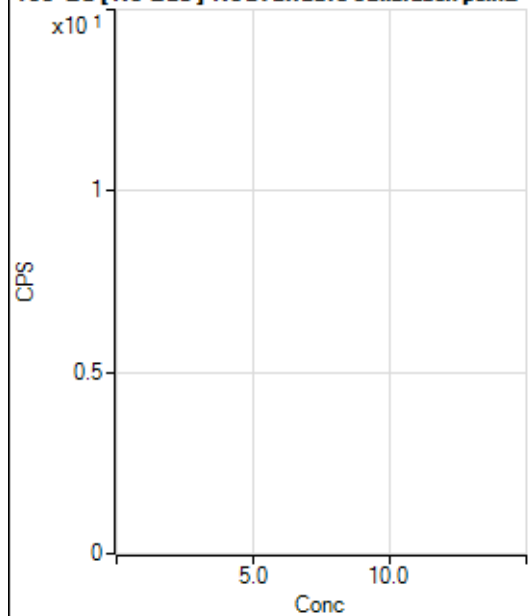
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			3.33		P	100.1
6	☐			2.22		P	173.2
7	☐			3.33		P	100.1
8	☐			5.56		P	91.6

156 Dy [No Gas] No available calibration points

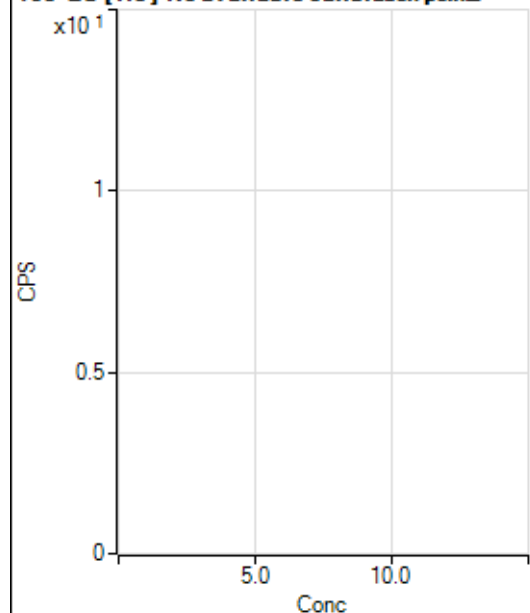
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	99.0
2	☐			5.56		P	173.2
3	☐			19.45		P	107.9
4	☐			22.22		P	57.3
5	☐			13.89		P	34.7
6	☐			80.56		P	21.5
7	☐			91.67		P	9.1
8	☐			477.80		P	18.8

156 Dy [He] No available calibration points

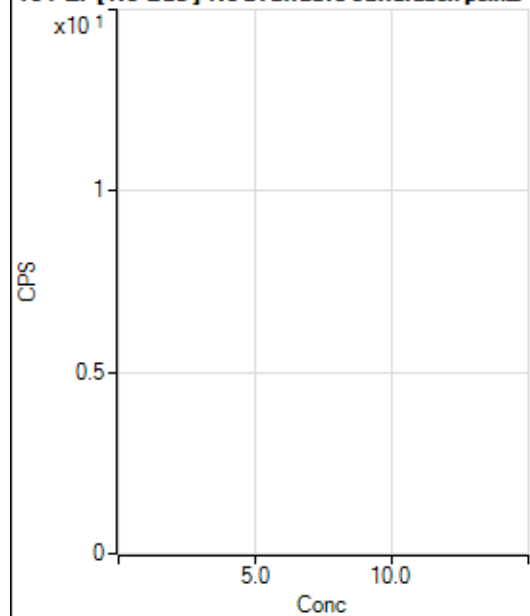
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.2
3	☐			5.56		P	91.6
4	☐			6.67		P	86.6
5	☐			17.78		P	21.7
6	☐			37.78		P	27.0
7	☐			64.44		P	18.2
8	☐			276.67		P	1.2

160 Gd [No Gas] Noavailable calibration poin_

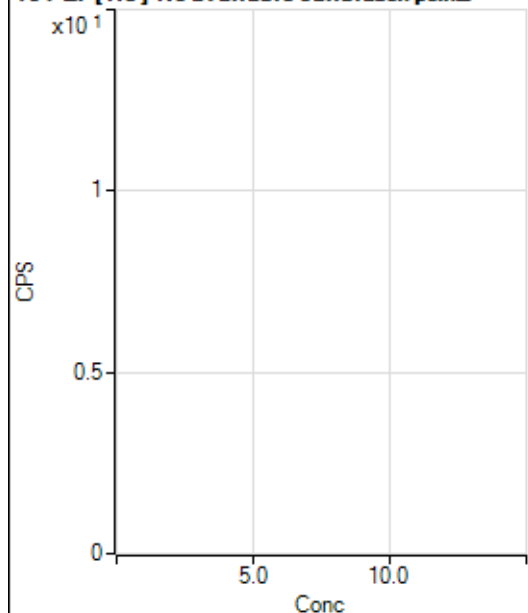
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐			25.00		P	33.3
3	☐			33.33		P	50.0
4	☐			55.56		P	17.3
5	☐			58.34		P	37.8
6	☐			63.89		P	19.9
7	☐			125.00		P	24.0
8	☐			600.03		P	8.4

160 Gd [He] No available calibration points

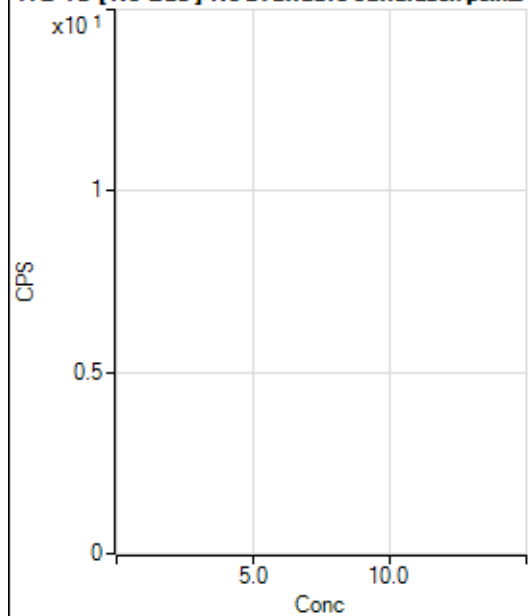
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			8.89		P	78.1
3	☐			7.78		P	89.2
4	☐			17.78		P	43.3
5	☐			33.33		P	26.5
6	☐			38.89		P	43.1
7	☐			78.89		P	17.1
8	☐			366.68		P	9.0

164 Er [No Gas] No available calibration points

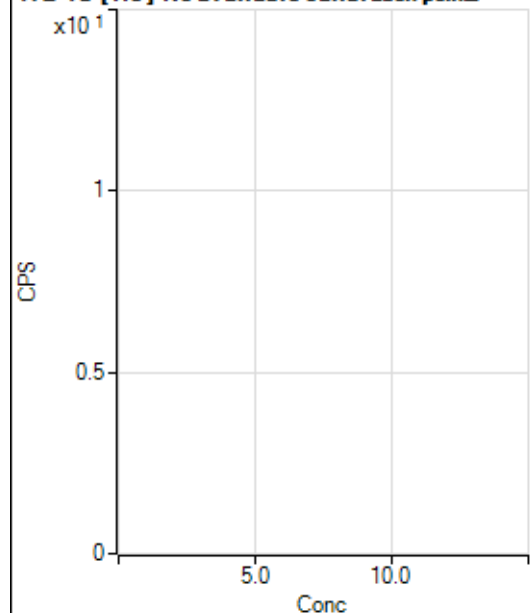
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.66		P	86.6
2	☐			19.44		P	65.5
3	☐			27.78		P	17.3
4	☐			36.11		P	58.1
5	☐			19.45		P	24.7
6	☐			36.11		P	13.3
7	☐			44.45		P	47.2
8	☐			111.12		P	42.6

164 Er [He] No available calibration points

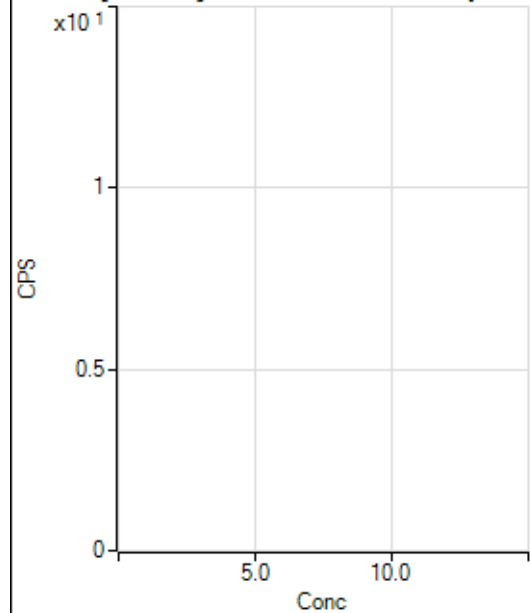
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	31.5
2	☐			8.89		P	21.6
3	☐			6.67		P	50.0
4	☐			10.00		P	33.3
5	☐			7.78		P	24.7
6	☐			12.22		P	83.3
7	☐			14.44		P	58.1
8	☐			53.33		P	22.5

172 Yb [No Gas] No available calibration points

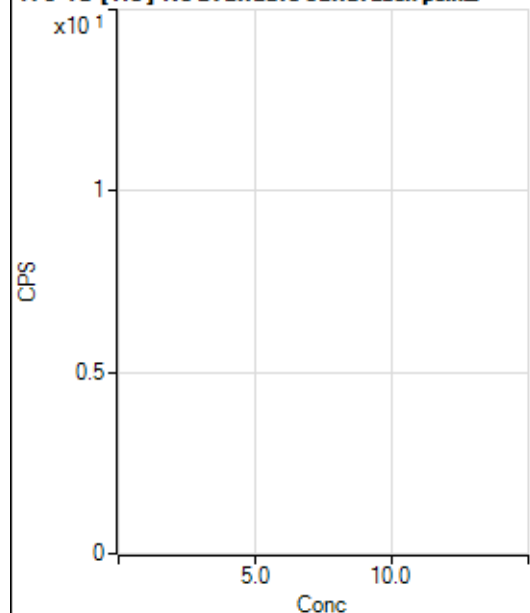
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐			11.11		P	86.6
3	☐			8.33		P	100.0
4	☐			8.33		P	100.0
5	☐			5.56		P	173.2
6	☐			19.44		P	89.2
7	☐			16.67		P	NaN
8	☐			27.78		P	45.8

172 Yb [He] No available calibration points

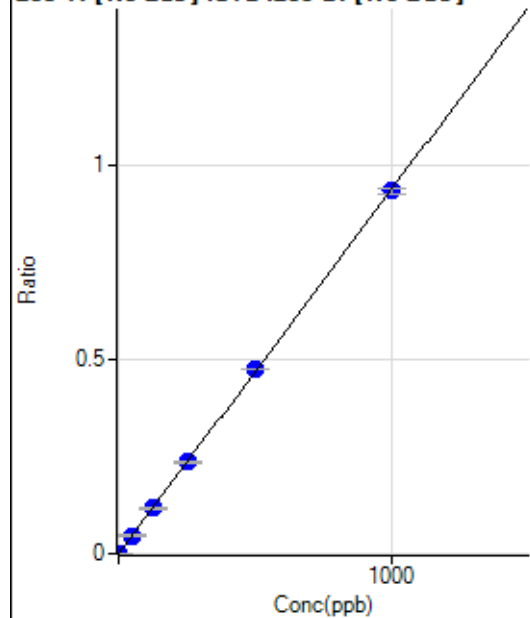
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.70		P	173.2
2	☐			0.00		P	
3	☐			3.71		P	86.6
4	☐			1.85		P	173.2
5	☐			1.85		P	173.2
6	☐			1.85		P	173.2
7	☐			3.70		P	173.2
8	☐			7.41		P	86.6

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			286.12		P	11.0
2	☐			336.13		P	16.5
3	☐			316.68		P	14.7
4	☐			302.79		P	18.3
5	☐			319.46		P	23.4
6	☐			305.57		P	11.4
7	☐			352.79		P	2.7
8	☐			327.79		P	6.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			507.43		P	11.0
2	☐			335.20		P	16.1
3	☐			238.90		P	4.7
4	☐			294.45		P	35.2
5	☐			237.04		P	37.4
6	☐			244.45		P	18.0
7	☐			240.75		P	6.7
8	☐			250.01		P	22.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	83.33	0.0001	P	16.9
2	☐	1.000	0.949	1450.12	0.0009	P	4.9
3	☐	50.000	49.969	71785.23	0.0468	P	0.8
4	☐	125.000	125.296	182223.81	0.1173	P	2.1
5	☐	250.000	251.213	373387.09	0.2351	P	1.4
6	☐	500.000	506.887	758379.61	0.4742	P	0.1
7	☐	1000.000	996.218	1511261.21	0.9320	P	1.7
8	☐			541.69	0.0003	P	8.0

$$y = 9.3545E-004 * x + 5.5026E-005$$

$$R = 1.0000$$

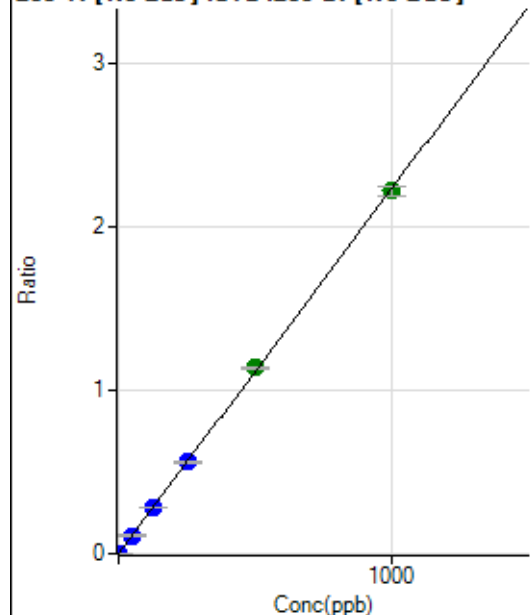
$$DL = 0.02974$$

$$BEC = 0.05882$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	111.11	0.0001	P	15.8
2	☐	1.000	1.019	3603.39	0.0023	P	6.2
3	☐	50.000	49.798	170323.04	0.1110	P	1.7
4	☐	125.000	124.855	432466.39	0.2783	P	0.6
5	☐	250.000	251.321	889779.50	0.5601	P	1.0
6	☐	500.000	509.796	1816943.94	1.1361	A	0.5
7	☐	1000.000	994.800	3594916.23	2.2169	A	3.0
8	☐			1308.44	0.0008	P	16.3

$$y = 0.0022 * x + 7.3424E-005$$

$$R = 0.9999$$

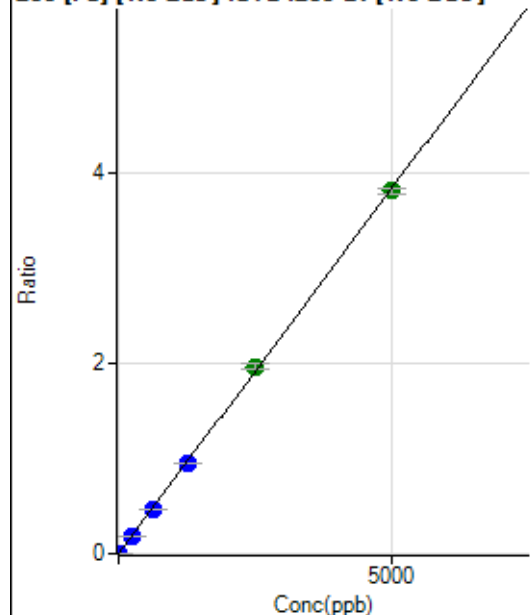
$$DL = 0.01559$$

$$BEC = 0.03295$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	103.71	0.0001	P	24.5
2	☐	1.000	1.030	1316.76	0.0009	P	1.7
3	☐	250.000	245.025	287694.00	0.1876	P	0.2
4	☐	625.000	611.799	727573.85	0.4682	P	1.0
5	☐	1250.000	1234.700	1500918.97	0.9448	P	1.3
6	☐	2500.000	2568.271	3143155.57	1.9653	A	2.3
7	☐	5000.000	4971.589	6168923.81	3.8043	A	1.4
8	☐			12522.89	0.0077	P	3.7

$$y = 7.6519E-004 * x + 6.8426E-005$$

$$R = 0.9999$$

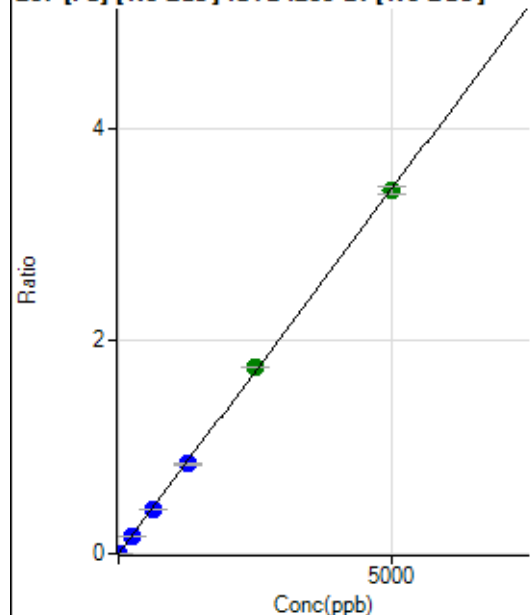
$$DL = 0.06584$$

$$BEC = 0.08942$$

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	96.30	0.0001	P	19.4
2	☐	1.000	0.976	1124.15	0.0007	P	8.5
3	☐	250.000	243.561	255922.01	0.1668	P	1.2
4	☐	625.000	613.510	652920.82	0.4202	P	1.6
5	☐	1250.000	1231.860	1340038.50	0.8436	P	1.8
6	☐	2500.000	2559.960	2803540.02	1.7530	A	0.8
7	☐	5000.000	4976.313	5525873.74	3.4076	A	2.2
8	☐			11525.70	0.0071	P	3.2

$$y = 6.8475E-004 * x + 6.3542E-005$$

$$R = 0.9999$$

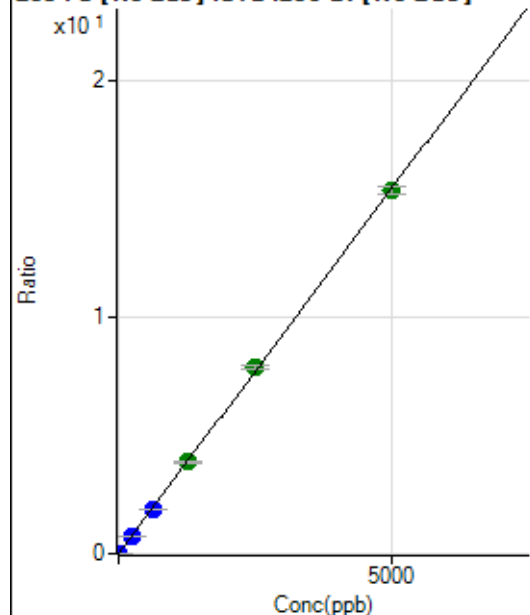
$$DL = 0.05399$$

$$BEC = 0.0928$$

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	398.16	0.0003	P	6.7
2	☐	1.000	0.992	5107.90	0.0033	P	3.1
3	☐	250.000	243.838	1154609.15	0.7527	P	0.5
4	☐	625.000	613.379	2941778.45	1.8931	P	0.6
5	☐	1250.000	1253.911	6147225.31	3.8697	A	1.1
6	☐	2500.000	2559.087	12630523.11	7.8974	A	1.5
7	☐	5000.000	4971.239	24877692.05	15.3411	A	2.2
8	☐			51034.34	0.0315	P	2.8

$$y = 0.0031 * x + 2.6292E-004$$

$$R = 0.9999$$

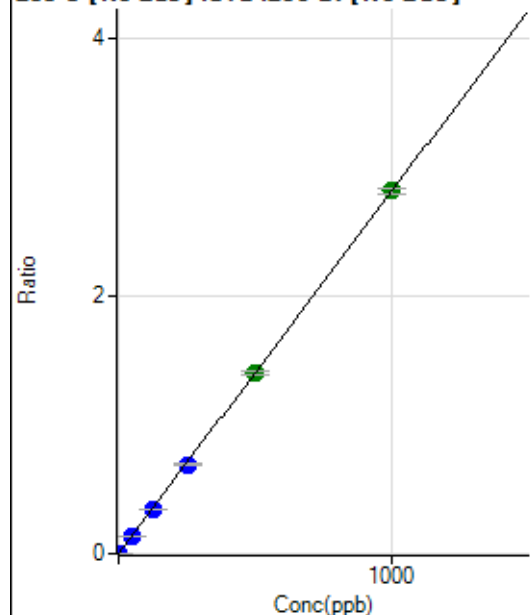
$$DL = 0.0172$$

$$BEC = 0.0852$$

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	13.89	0.0000	P	35.0
2	☐	1.000	0.985	4264.75	0.0028	P	6.5
3	☐	50.000	48.586	209415.06	0.1365	P	1.0
4	☐	125.000	122.220	533655.79	0.3434	P	1.1
5	☐	250.000	246.667	1100993.32	0.6931	P	1.2
6	☐	500.000	498.963	2242207.43	1.4020	A	1.3
7	☐	1000.000	1001.770	4564378.53	2.8147	A	1.9
8	☐			605.59	0.0004	P	2.8

$$y = 0.0028 * x + 9.1862E-006$$

$$R = 1.0000$$

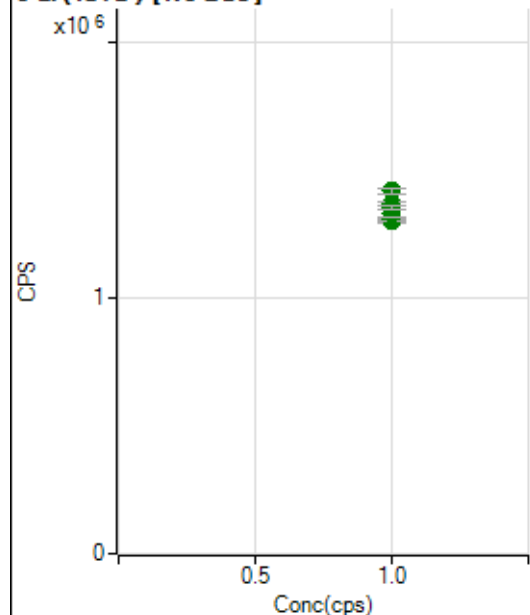
$$DL = 0.003434$$

$$BEC = 0.003269$$

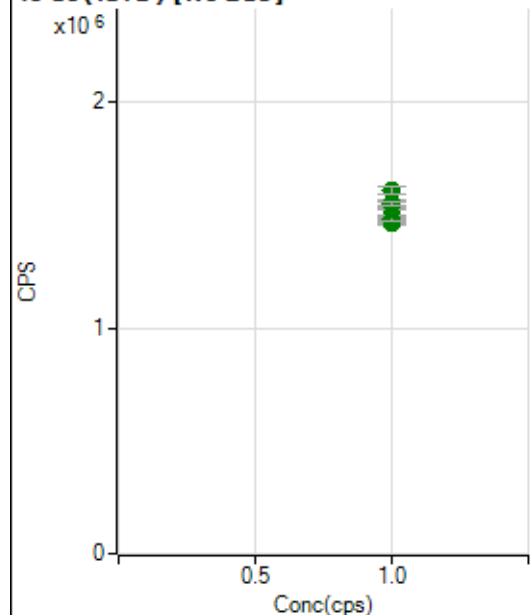
Weight: <None>

Min Conc: 0

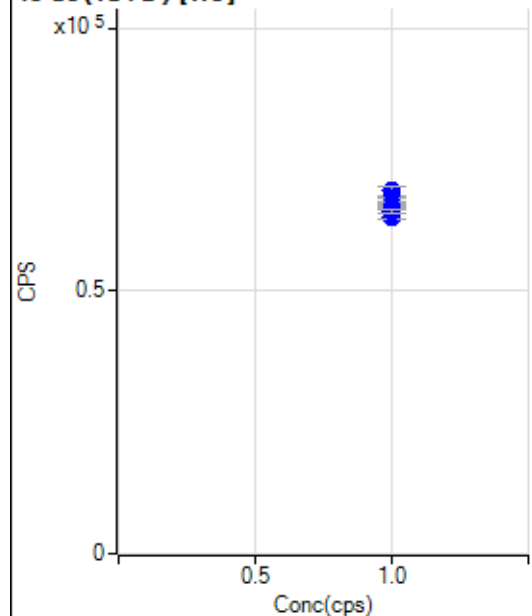
6 Li (ISTD) [No Gas]



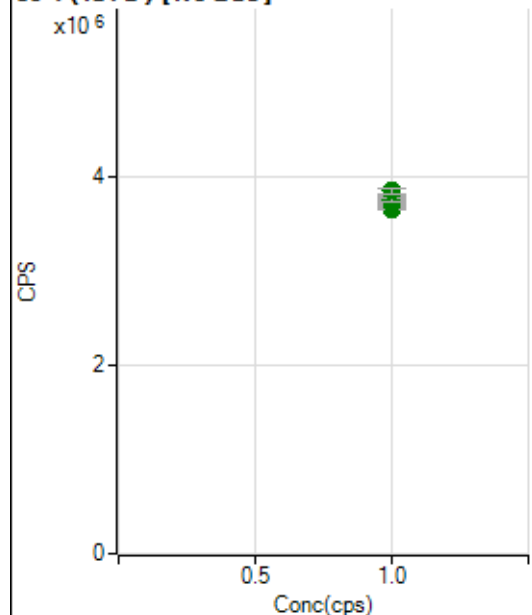
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1300544.61		A	1.0
2	☐	1.000		1305689.05		A	0.4
3	☐	1.000		1301383.21		A	1.0
4	☐	1.000		1310428.85		A	1.4
5	☐	1.000		1329986.94		A	2.0
6	☐	1.000		1370431.30		A	1.0
7	☐	1.000		1355479.90		A	1.1
8	☐	1.000		1419259.71		A	1.3

45 Sc (ISTD) [No Gas]

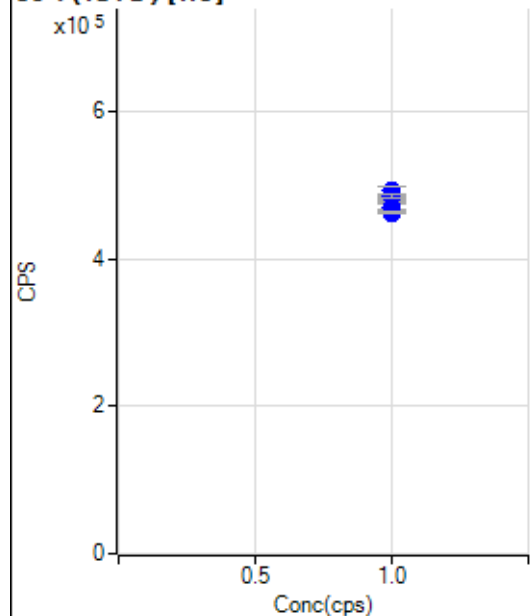
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1470432.81		A	1.3
2	☐	1.000		1479738.96		A	1.6
3	☐	1.000		1477648.66		A	1.2
4	☐	1.000		1486488.38		A	1.6
5	☐	1.000		1527302.16		A	0.6
6	☐	1.000		1546461.54		A	2.4
7	☐	1.000		1552869.60		A	1.2
8	☐	1.000		1608550.81		A	2.1

45 Sc (ISTD) [He]

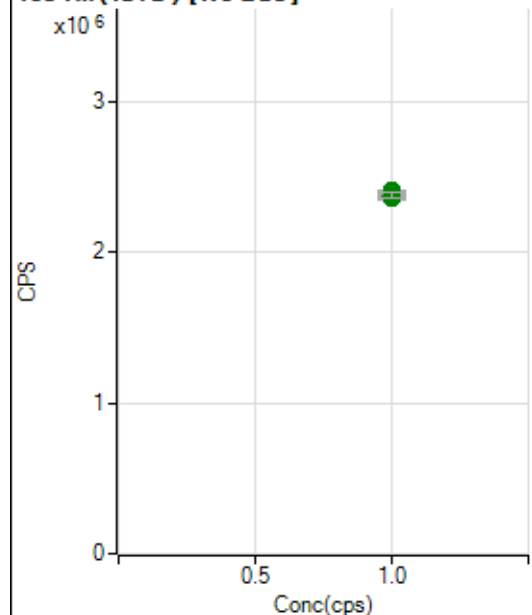
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		69089.46		P	2.4
2	☐	1.000		66567.47		P	0.4
3	☐	1.000		65895.59		P	1.2
4	☐	1.000		67694.92		P	0.3
5	☐	1.000		66812.15		P	0.3
6	☐	1.000		65890.10		P	0.2
7	☐	1.000		64181.45		P	1.6
8	☐	1.000		65192.41		P	0.7

89 Y (ISTD) [No Gas]

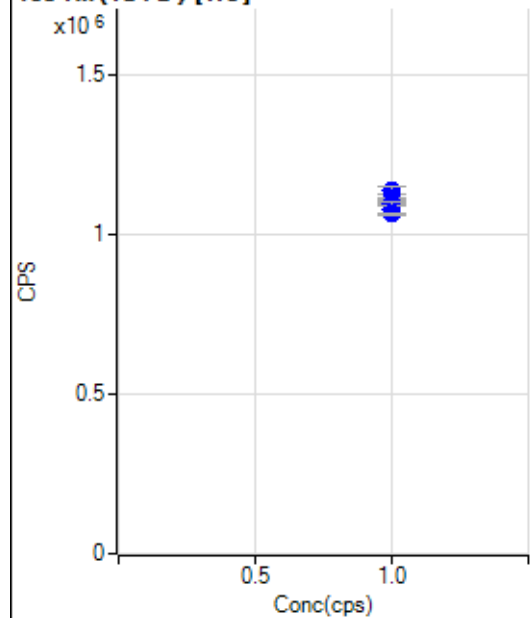
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3669367.65		A	0.9
2	☐	1.000		3713177.03		A	0.4
3	☐	1.000		3744651.12		A	1.0
4	☐	1.000		3742502.03		A	0.6
5	☐	1.000		3778126.30		A	1.0
6	☐	1.000		3767857.86		A	1.4
7	☐	1.000		3754798.90		A	1.2
8	☐	1.000		3857592.75		A	1.6

89 Y (ISTD) [He]

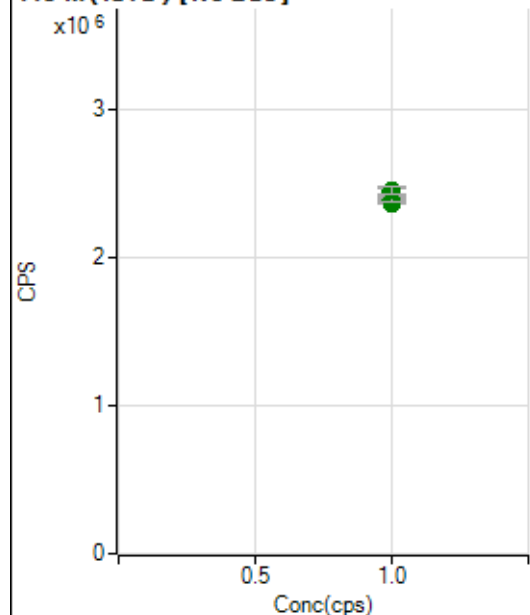
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		492470.06		P	2.3
2	☐	1.000		479618.10		P	0.7
3	☐	1.000		471052.42		P	2.0
4	☐	1.000		480713.13		P	0.7
5	☐	1.000		482124.08		P	0.4
6	☐	1.000		478965.73		P	0.6
7	☐	1.000		462847.96		P	0.7
8	☐	1.000		484372.39		P	1.1

103 Rh (ISTD) [No Gas]

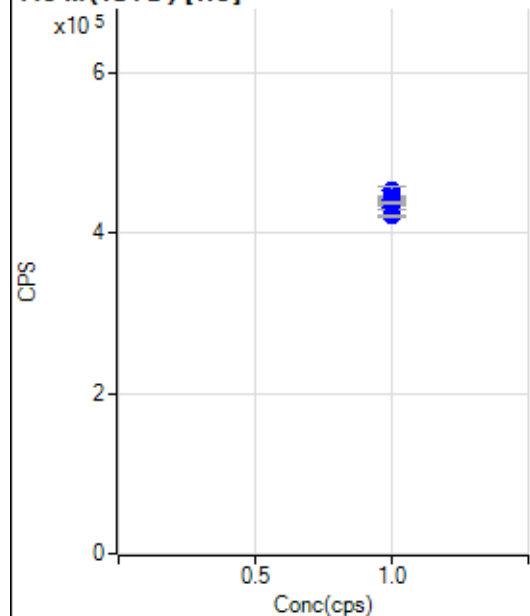
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2379182.52		A	0.6
2	☐	1.000		2403848.53		A	0.7
3	☐	1.000		2371581.41		A	0.4
4	☐	1.000		2356078.55		A	0.9
5	☐	1.000		2402855.83		A	0.4
6	☐	1.000		2392603.50		A	0.2
7	☐	1.000		2369888.27		A	0.4
8	☐	1.000		2372613.57		A	1.6

103 Rh (ISTD) [He]

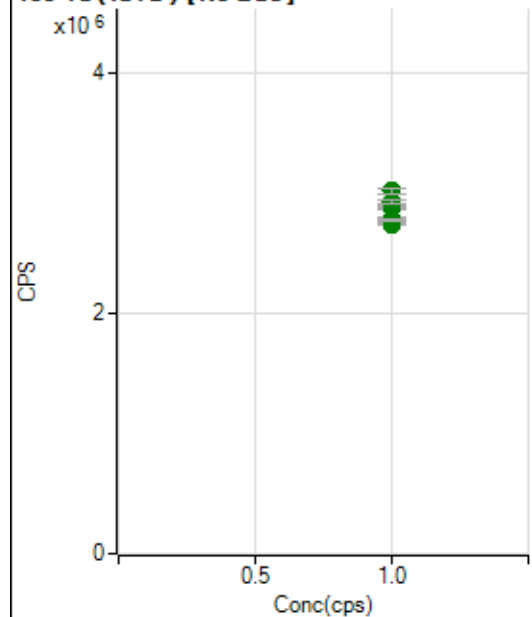
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1134945.84		P	2.2
2	☐	1.000		1098918.95		P	0.6
3	☐	1.000		1076902.59		P	2.0
4	☐	1.000		1103566.97		P	0.3
5	☐	1.000		1110548.69		P	0.2
6	☐	1.000		1096292.14		P	0.9
7	☐	1.000		1061986.37		P	0.9
8	☐	1.000		1063074.37		P	0.5

115 In (ISTD) [No Gas]

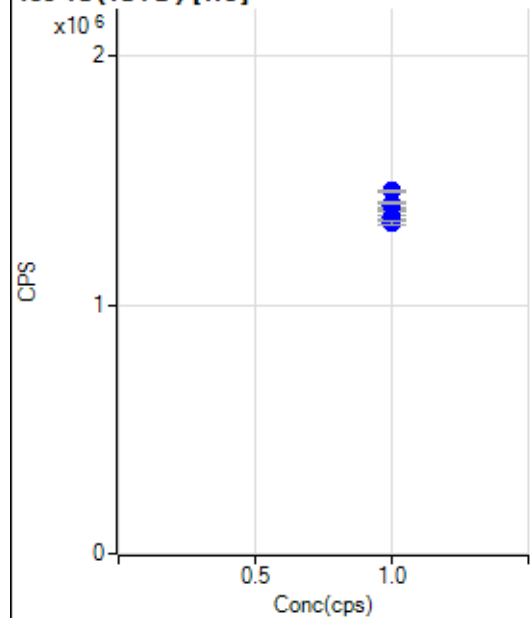
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2364888.30		A	0.3
2	☐	1.000		2397877.60		A	0.7
3	☐	1.000		2396108.72		A	0.5
4	☐	1.000		2424546.65		A	0.5
5	☐	1.000		2443753.23		A	1.7
6	☐	1.000		2416922.41		A	0.7
7	☐	1.000		2388171.94		A	1.6
8	☐	1.000		2447467.24		A	2.1

115 In (ISTD) [He]

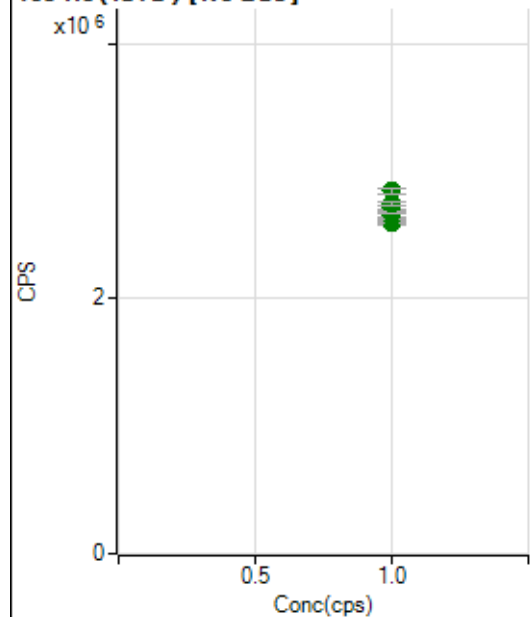
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		451929.87		P	2.3
2	☐	1.000		439489.20		P	0.7
3	☐	1.000		431037.39		P	1.5
4	☐	1.000		441180.40		P	0.9
5	☐	1.000		443026.14		P	0.3
6	☐	1.000		436107.49		P	0.8
7	☐	1.000		421041.03		P	0.3
8	☐	1.000		437935.74		P	0.5

159 Tb (ISTD) [No Gas]

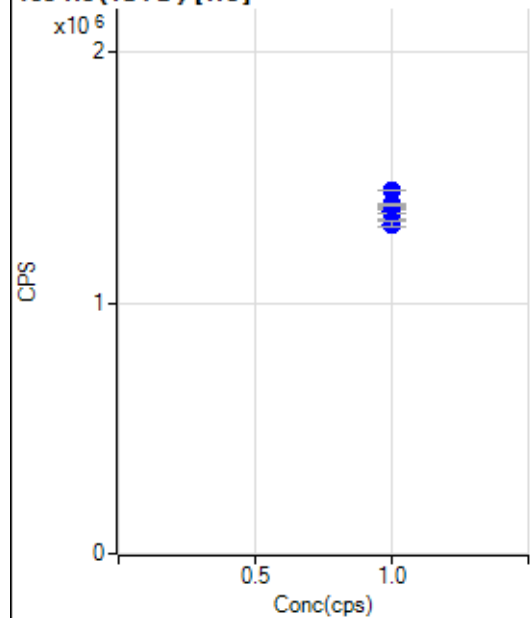
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2737688.15		A	0.7
2	☐	1.000		2784252.36		A	0.7
3	☐	1.000		2756957.01		A	0.0
4	☐	1.000		2775107.56		A	0.7
5	☐	1.000		2878776.87		A	0.6
6	☐	1.000		2901762.80		A	0.6
7	☐	1.000		2924621.79		A	1.0
8	☐	1.000		3018276.03		A	1.8

159 Tb (ISTD) [He]

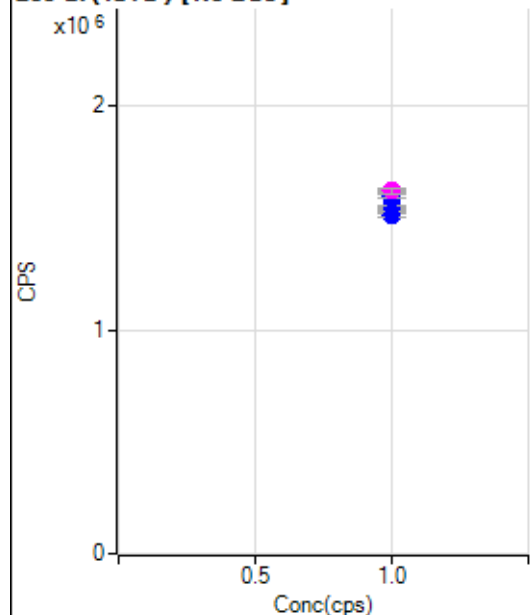
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1392570.66		P	1.7
2	☐	1.000		1351945.19		P	0.9
3	☐	1.000		1331551.57		P	1.2
4	☐	1.000		1376435.10		P	0.6
5	☐	1.000		1399127.62		P	0.7
6	☐	1.000		1399551.00		P	0.9
7	☐	1.000		1408760.68		P	0.3
8	☐	1.000		1457339.67		P	0.3

165 Ho (ISTD) [No Gas]

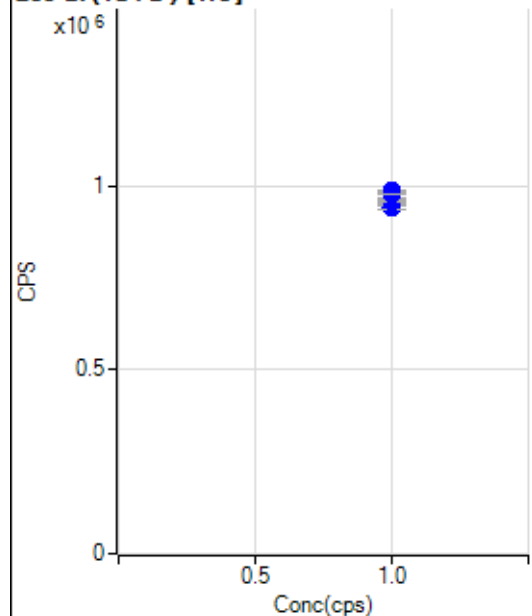
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2593478.68		A	1.1
2	☐	1.000		2593725.88		A	0.1
3	☐	1.000		2632632.79		A	0.5
4	☐	1.000		2652004.81		A	2.1
5	☐	1.000		2714003.79		A	1.1
6	☐	1.000		2674686.93		A	0.5
7	☐	1.000		2739278.53		A	1.0
8	☐	1.000		2845086.20		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1365962.96		P	1.5
2	☐	1.000		1329407.23		P	0.5
3	☐	1.000		1314969.08		P	1.9
4	☐	1.000		1364253.12		P	0.9
5	☐	1.000		1385342.51		P	0.6
6	☐	1.000		1384695.88		P	0.5
7	☐	1.000		1392253.52		P	0.7
8	☐	1.000		1446729.58		P	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1513749.26		P	1.1
2	☐	1.000		1536925.88		P	1.0
3	☐	1.000		1533892.39		P	0.5
4	☐	1.000		1553936.50		P	0.2
5	☐	1.000		1588576.92		P	0.3
6	☐	1.000		1599216.94		P	0.9
7	☐	1.000		1621531.33		P	0.5
8	☐	1.000		1621465.88		M	1.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		979443.54		P	2.2
2	☐	1.000		953508.58		P	0.3
3	☐	1.000		942263.33		P	0.9
4	☐	1.000		960604.39		P	0.3
5	☐	1.000		987677.89		P	0.5
6	☐	1.000		983570.30		P	0.4
7	☐	1.000		981084.60		P	0.6
8	☐	1.000		978311.31		P	0.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8052721MS.b
Acq. Date-Time 2021-05-27 11:21:21
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		3076	30755.90			1.573	5.000
24		12523	125228.61			1.654	5.000
25		1732	17323.77			1.644	5.000
26		2140	21400.11			1.510	5.000
59		3861	38607.52			1.781	5.000
113		1933	19331.74			2.462	5.000
115		5933	59332.97			1.656	5.000
206		2218	22175.98			2.381	5.000
207		1880	18797.54			2.937	5.000
208		4566	45659.24			2.963	5.000
220		1	9.10			14.743	

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

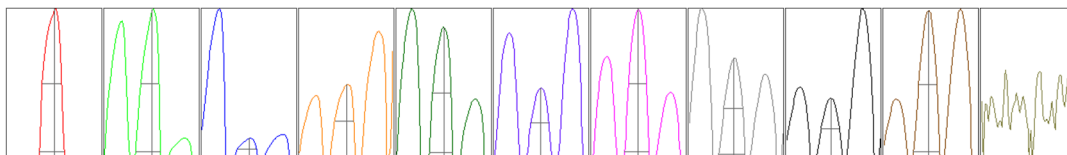
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3020	3089	3091	3141	3036
24	12254	12494	12609	12814	12443
25	1691	1738	1732	1771	1729
26	2093	2146	2140	2184	2138
59	3762	3848	3865	3954	3874
113	1850	1956	1966	1958	1935
115	5862	6032	5967	6005	5801
206	2140	2203	2241	2283	2220
207	1793	1876	1915	1938	1877
208	4351	4571	4668	4694	4547

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	5427.96	9.05	8.90 - 9.10	
24	22792.51	24.05	23.90 - 24.10	
25	3124.56	25.05	24.90 - 25.10	
26	3703.82	26.05	25.90 - 26.10	
59	7031.21	59.05	58.90 - 59.10	
113	3612.40	113.00	112.90 - 113.10	
115	11190.49	115.00	114.90 - 115.10	
206	3961.50	205.95	205.90 - 206.10	
207	3312.23	206.95	206.90 - 207.10	
208	8255.33	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.780	0.900	
24	0.57	0.782	0.900	
25	0.59	0.770	0.900	
26	0.60	0.785	0.900	
59	0.57	0.740	0.900	
113	0.56	0.772	0.900	
115	0.55	0.770	0.900	
206	0.59	0.824	0.900	
207	0.58	0.818	0.900	
208	0.58	0.828	0.900	
220	0.25			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.47 L/min Dilution Gas 0.42 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.9 V	Deflect	16.8 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	180 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9989	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.02		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.7 mm
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EM

Discriminator	3.9 mV	Analog HV	2209 V	Pulse HV	1491 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		916	9163.59			0.715	
89		2734	27341.40			0.555	
205		1936	19359.18			1.271	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	908	910	921	921	921
89	2741	2720	2748	2715	2746
205	1915	1939	1977	1923	1926

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.47 L/min	Dilution Gas	0.42 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.9 V	Deflect	4.8 V
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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	122	Axis Gain	0.9989	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.02		
Hardware Settings					
Torch					
Torch H	1.0 mm	Torch V	-0.7 mm		
EM					
Discriminator	3.9 mV	Analog HV	2209 V	Pulse HV	1491 V

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 12:55:16	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.96	-1.23	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.04	-0.03	0.00	N/A	ppb
Barium	135-1	-0.02	0.00	0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.20	0.18	0.02	0.00	N/A	ppb
Boron	11-1	0.02	-0.14	0.12	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.02	-0.02	0.00	N/A	ppb
Cadmium	106-1	-0.34	0.81	-0.47	0.00	N/A	ppb
Cadmium	108-1	-0.12	0.00	0.12	0.00	N/A	ppb
Calcium	43-1	-3.04	1.53	1.50	0.00	N/A	ppb
Calcium	44-1	-2.67	8.66	-5.98	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	-0.06	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.04	0.02	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	3.75	-1.94	-1.82	0.00	N/A	ppb
Iron	56-2	-0.17	0.26	-0.08	0.00	N/A	ppb
Iron	57-2	-0.62	2.22	-1.60	0.00	N/A	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 12:55:16	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	0.02	-0.01	0.00	N/A	ppb
Lead	207-1	-0.02	0.02	0.00	0.00	N/A	ppb
Lead	208-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.45	-0.60	0.15	0.00	N/A	ppb
Manganese	55-2	0.04	-0.06	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.04	0.05	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.04	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-1.08	-35.23	24.18	-4.04		ppb
Potassium	39-2	19.53	-19.62	0.09	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.73	1.50	-2.23	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.06	-0.58	0.64	0.00	N/A	ppb
Silicon	28-1	-39.07	-148.86	187.92	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	3.16	-3.17	0.01	0.00	N/A	ppb
Strontium	86-1	-0.36	0.34	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	-0.01	0.01	0.00	N/A	ppb
Sulfur	34-1	-381.87	64.78	-490.82	-269.30		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00	N/A	ppb
Tin	118-1	0.04	-0.02	-0.03	0.00	N/A	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 12:55:16	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.15	-0.19	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Zirconium	90-1	0.02	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.03	-0.01	-0.02	0.00	N/A	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:01:26	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.52	27.10	26.04	24.89	11.90	ppb
Antimony	121-1	2.13	2.12	2.01	2.08	3.23	ppb
Arsenic	75-2	1.01	1.02	0.96	1.00	3.38	ppb
Barium	135-1	10.09	9.92	10.21	10.08	1.45	ppb
Barium	137-1	10.74	10.09	10.77	10.53	3.67	ppb
Beryllium	9-1	1.00	1.00	1.08	1.03	4.47	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	21.11	24.74	27.36	24.40	12.85	ppb
Boron	11-1	21.64	25.04	25.83	24.17	9.20	ppb
Bromine	81-1						cps
Cadmium	111-1	1.10	0.96	1.11	1.06	7.92	ppb
Cadmium	106-1	-1.65	-0.79	-0.34	-0.93		ppb
Cadmium	108-1	0.35	0.73	1.07	0.72	50.08	ppb
Calcium	43-1	485.30	495.95	488.24	489.83	1.12	ppb
Calcium	44-1	476.14	496.05	513.24	495.14	3.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	2.04	1.90	1.97	3.59	ppb
Cobalt	59-2	0.88	1.07	0.98	0.98	9.70	ppb
Copper	63-2	1.91	1.93	1.92	1.92	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	50.43	52.09	58.30	53.60	7.74	ppb
Iron	56-2	51.65	51.46	51.73	51.61	0.27	ppb
Iron	57-2	43.84	43.36	45.64	44.28	2.72	ppb

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 13:01:26 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.05	1.04	1.01	1.03	1.88	ppb
Lead	207-1	1.08	0.95	0.90	0.98	9.29	ppb
Lead	208-1	1.03	0.98	0.97	0.99	3.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	507.16	514.04	501.15	507.45	1.27	ppb
Manganese	55-2	1.08	1.08	1.09	1.08	0.62	ppb
Molybdenum	94-1	5.28	4.63	5.24	5.05	7.24	ppb
Molybdenum	95-1	5.18	5.06	5.15	5.13	1.16	ppb
Molybdenum	96-1	5.22	5.31	4.84	5.12	4.90	ppb
Molybdenum	97-1	5.14	5.17	4.94	5.08	2.48	ppb
Molybdenum	98-1	5.10	5.14	4.96	5.07	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.03	1.17	1.10	6.44	ppb
Phosphorus	31-2	30.76	-18.89	0.25	4.04	619.56	ppb
Potassium	39-2	526.91	520.82	548.83	532.19	2.77	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	10.02	4.86	6.92	7.27	35.74	ppb
Selenium	77-2	13.13	10.65	2.65	8.81	62.21	ppb
Selenium	78-2	3.41	6.87	2.79	4.35	50.57	ppb
Silicon	28-1	157.03	183.63	-244.73	31.97	750.63	ppb
Silver	107-1	0.97	0.97	0.98	0.97	0.95	ppb
Silver	109-1	0.99	1.02	1.06	1.02	3.40	ppb
Sodium	23-2	523.10	517.72	510.52	517.11	1.22	ppb
Strontium	86-1	1.05	0.77	1.14	0.99	19.63	ppb
Strontium	88-1	1.06	1.04	1.12	1.07	3.63	ppb
Sulfur	34-1	-307.11	-257.81	1372.82	269.30	354.99	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.96	0.89	0.99	0.95	5.18	ppb
Thallium	205-1	0.98	0.98	1.09	1.02	6.37	ppb
Tin	118-1	5.28	5.45	5.01	5.24	4.21	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:01:26	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.84	4.44	5.79	5.02	13.76	ppb
Uranium	238-1	1.05	0.98	0.92	0.98	6.49	ppb
Vanadium	51-2	5.11	5.26	4.71	5.03	5.59	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	1.96	1.33	1.75	1.68	19.02	ppb
Zirconium	90-1	0.99	1.07	1.00	1.02	4.41	ppb
Zirconium	91-1	0.85	1.03	0.96	0.95	9.23	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:04:31	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1000.38	997.21	969.31	988.97	1.73	ppb
Antimony	121-1	51.46	52.51	51.98	51.99	1.02	ppb
Arsenic	75-2	53.81	49.93	50.86	51.53	3.93	ppb
Barium	135-1	256.46	257.82	259.22	257.83	0.54	ppb
Barium	137-1	255.50	257.80	260.20	257.83	0.91	ppb
Beryllium	9-1	49.97	51.81	51.85	51.21	2.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	41.53	48.88	51.61	47.34	11.02	ppb
Boron	11-1	40.34	46.67	52.31	46.44	12.89	ppb
Bromine	81-1						cps
Cadmium	111-1	51.46	53.85	53.81	53.04	2.58	ppb
Cadmium	106-1	43.42	46.06	43.59	44.36	3.34	ppb
Cadmium	108-1	52.18	52.20	55.10	53.16	3.16	ppb
Calcium	43-1	5164.15	5196.20	5364.06	5241.47	2.05	ppb
Calcium	44-1	5166.42	5185.62	5352.76	5234.93	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.86	51.75	49.72	51.11	2.37	ppb
Cobalt	59-2	51.70	51.61	50.38	51.23	1.43	ppb
Copper	63-2	514.67	517.07	497.65	509.80	2.08	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
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	2663.07	2643.40	2510.26	2605.57	3.19	ppb
Iron	56-2	2590.27	2560.15	2523.99	2558.14	1.30	ppb
Iron	57-2	2506.17	2564.28	2384.11	2484.85	3.70	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:04:31	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	245.25	245.29	244.54	245.03	0.17	ppb
Lead	207-1	240.11	245.72	244.85	243.56	1.24	ppb
Lead	208-1	242.56	244.64	244.31	243.84	0.46	ppb
Lithium	6-1				100		%
Magnesium	24-2	5260.43	5262.84	5153.61	5225.62	1.19	ppb
Manganese	55-2	513.78	509.73	499.84	507.78	1.41	ppb
Molybdenum	94-1	245.69	256.38	250.63	250.90	2.13	ppb
Molybdenum	95-1	247.45	254.76	242.76	248.32	2.44	ppb
Molybdenum	96-1	247.26	256.88	248.00	250.71	2.14	ppb
Molybdenum	97-1	242.87	255.06	246.77	248.24	2.51	ppb
Molybdenum	98-1	243.34	252.07	250.79	248.73	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.47	51.75	51.43	51.88	1.03	ppb
Phosphorus	31-2	1082.20	938.21	1138.80	1053.07	9.82	ppb
Potassium	39-2	2709.18	2716.05	2669.25	2698.16	0.94	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	47.43	55.74	50.14	51.10	8.30	ppb
Selenium	77-2	63.31	59.12	37.00	53.14	26.60	ppb
Selenium	78-2	59.33	50.82	42.56	50.90	16.48	ppb
Silicon	28-1	7.50	363.19	-303.64	22.35	1492.95	ppb
Silver	107-1	51.00	52.57	52.36	51.98	1.64	ppb
Silver	109-1	52.82	53.48	53.11	53.14	0.62	ppb
Sodium	23-2	5343.11	5210.01	5120.43	5224.52	2.14	ppb
Strontium	86-1	502.85	508.47	504.41	505.24	0.58	ppb
Strontium	88-1	506.73	514.16	514.44	511.78	0.85	ppb
Sulfur	34-1	1641.14	2281.39	3563.92	2495.49	39.23	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	49.53	50.26	50.12	49.97	0.78	ppb
Thallium	205-1	49.50	50.75	49.15	49.80	1.69	ppb
Tin	118-1	50.66	52.00	52.62	51.76	1.94	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:04:31	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	256.22	254.94	256.01	255.72	0.27	ppb
Uranium	238-1	48.12	49.11	48.53	48.59	1.02	ppb
Vanadium	51-2	50.22	50.87	49.44	50.18	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	519.05	511.26	510.20	513.50	0.94	ppb
Zirconium	90-1	49.70	50.52	49.01	49.74	1.51	ppb
Zirconium	91-1	48.12	50.05	49.06	49.08	1.97	ppb

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 13:07:33 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2431.71	2460.25	2404.90	2432.29	1.14	ppb
Antimony	121-1	130.20	130.28	132.64	131.04	1.06	ppb
Arsenic	75-2	129.24	122.86	125.85	125.99	2.53	ppb
Barium	135-1	634.81	637.70	630.05	634.18	0.61	ppb
Barium	137-1	656.87	659.15	639.38	651.80	1.66	ppb
Beryllium	9-1	130.82	130.21	127.87	129.64	1.20	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	108.04	119.71	130.38	119.38	9.36	ppb
Boron	11-1	106.76	121.65	127.21	118.54	8.92	ppb
Bromine	81-1						cps
Cadmium	111-1	132.71	132.49	129.37	131.52	1.42	ppb
Cadmium	106-1	125.64	136.77	126.40	129.60	4.79	ppb
Cadmium	108-1	131.61	130.87	131.36	131.28	0.28	ppb
Calcium	43-1	12907.23	12997.93	13178.38	13027.85	1.06	ppb
Calcium	44-1	13092.01	13021.12	13522.39	13211.84	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.53	124.69	125.43	125.88	1.17	ppb
Cobalt	59-2	126.60	127.81	124.24	126.21	1.44	ppb
Copper	63-2	1268.21	1263.44	1245.70	1259.12	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	6417.37	6398.78	6423.49	6413.21	0.20	ppb
Iron	56-2	6421.00	6395.94	6264.49	6360.48	1.32	ppb
Iron	57-2	6219.64	6268.57	6120.24	6202.82	1.22	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:07:33	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	604.87	613.54	616.98	611.80	1.02	ppb
Lead	207-1	603.65	623.43	613.45	613.51	1.61	ppb
Lead	208-1	609.37	616.50	614.26	613.38	0.59	ppb
Lithium	6-1				101		%
Magnesium	24-2	12755.01	12912.75	12619.19	12762.32	1.15	ppb
Manganese	55-2	1251.20	1251.37	1235.48	1246.02	0.73	ppb
Molybdenum	94-1	628.99	650.32	624.43	634.58	2.18	ppb
Molybdenum	95-1	628.17	630.31	615.57	624.68	1.28	ppb
Molybdenum	96-1	632.33	633.55	625.04	630.31	0.73	ppb
Molybdenum	97-1	621.87	637.98	630.01	629.95	1.28	ppb
Molybdenum	98-1	621.37	638.16	612.77	624.10	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.87	128.29	126.77	127.64	0.62	ppb
Phosphorus	31-2	2617.76	2647.04	2660.09	2641.63	0.82	ppb
Potassium	39-2	6542.42	6577.73	6441.50	6520.55	1.08	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	127.33	129.35	126.62	127.76	1.11	ppb
Selenium	77-2	140.95	76.42	120.67	112.68	29.29	ppb
Selenium	78-2	130.33	129.53	124.48	128.11	2.48	ppb
Silicon	28-1	54.96	503.63	-123.06	145.18	222.44	ppb
Silver	107-1	131.72	131.18	132.02	131.64	0.32	ppb
Silver	109-1	133.03	131.02	132.45	132.16	0.78	ppb
Sodium	23-2	13020.09	13184.98	12666.24	12957.10	2.05	ppb
Strontium	86-1	1274.15	1301.90	1278.86	1284.97	1.16	ppb
Strontium	88-1	1271.03	1272.22	1259.77	1267.67	0.54	ppb
Sulfur	34-1	5379.66	4300.22	5993.90	5224.59	16.41	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	122.94	128.05	124.90	125.30	2.06	ppb
Thallium	205-1	125.09	125.45	124.02	124.85	0.60	ppb
Tin	118-1	132.17	129.94	131.95	131.35	0.94	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:07:33	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	651.46	631.09	644.52	642.35	1.61	ppb
Uranium	238-1	120.71	122.82	123.14	122.22	1.08	ppb
Vanadium	51-2	125.33	125.31	123.68	124.77	0.76	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	1258.62	1256.94	1259.94	1258.50	0.12	ppb
Zirconium	90-1	126.29	127.75	125.22	126.42	1.01	ppb
Zirconium	91-1	123.29	125.72	127.64	125.55	1.73	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:10:37	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4936.05	4906.88	4942.88	4928.60	0.39	ppb
Antimony	121-1	250.45	254.56	261.11	255.37	2.11	ppb
Arsenic	75-2	252.84	253.29	253.34	253.15	0.11	ppb
Barium	135-1	1248.80	1247.91	1263.48	1253.39	0.70	ppb
Barium	137-1	1272.46	1299.49	1304.58	1292.18	1.34	ppb
Beryllium	9-1	259.55	256.94	252.13	256.21	1.47	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	223.80	246.32	257.72	242.61	7.11	ppb
Boron	11-1	227.28	245.19	252.30	241.59	5.34	ppb
Bromine	81-1						cps
Cadmium	111-1	257.73	259.23	263.97	260.31	1.25	ppb
Cadmium	106-1	261.19	264.84	245.65	257.23	3.96	ppb
Cadmium	108-1	246.45	269.72	268.49	261.55	5.01	ppb
Calcium	43-1	25971.69	26202.84	26239.16	26137.90	0.56	ppb
Calcium	44-1	26511.15	26661.68	27187.18	26786.67	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	251.59	250.95	252.17	251.57	0.24	ppb
Cobalt	59-2	253.21	252.33	252.45	252.66	0.19	ppb
Copper	63-2	2614.02	2533.05	2577.09	2574.72	1.57	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
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	13002.37	13084.74	12969.19	13018.77	0.46	ppb
Iron	56-2	12688.65	12614.96	12693.72	12665.77	0.35	ppb
Iron	57-2	12555.21	12445.91	12436.38	12479.17	0.53	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:10:37	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1218.33	1234.31	1251.45	1234.70	1.34	ppb
Lead	207-1	1207.26	1239.24	1249.09	1231.86	1.78	ppb
Lead	208-1	1237.76	1260.91	1263.05	1253.91	1.12	ppb
Lithium	6-1				102		%
Magnesium	24-2	25700.51	26423.69	25964.84	26029.68	1.41	ppb
Manganese	55-2	2523.75	2530.22	2537.80	2530.59	0.28	ppb
Molybdenum	94-1	1276.20	1264.55	1284.14	1274.96	0.77	ppb
Molybdenum	95-1	1257.08	1268.53	1260.60	1262.07	0.46	ppb
Molybdenum	96-1	1265.44	1277.75	1258.38	1267.19	0.77	ppb
Molybdenum	97-1	1259.83	1294.11	1268.73	1274.22	1.40	ppb
Molybdenum	98-1	1272.48	1292.66	1275.46	1280.20	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.15	249.54	255.38	253.36	1.31	ppb
Phosphorus	31-2	5045.56	5121.15	5231.26	5132.66	1.82	ppb
Potassium	39-2	13333.37	13026.20	13249.68	13203.08	1.20	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	253.65	255.65	257.87	255.72	0.82	ppb
Selenium	77-2	302.88	287.84	282.96	291.22	3.56	ppb
Selenium	78-2	243.53	267.73	236.62	249.29	6.55	ppb
Silicon	28-1	436.96	874.44	612.81	641.41	34.32	ppb
Silver	107-1	252.03	258.03	261.38	257.15	1.84	ppb
Silver	109-1	254.49	264.52	262.69	260.57	2.05	ppb
Sodium	23-2	25469.36	25963.20	25896.31	25776.29	1.04	ppb
Strontium	86-1	2503.08	2586.66	2606.47	2565.40	2.14	ppb
Strontium	88-1	2525.41	2543.76	2604.17	2557.78	1.61	ppb
Sulfur	34-1	6942.11	5945.93	5444.67	6110.90	12.47	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	247.23	252.72	253.69	251.21	1.39	ppb
Thallium	205-1	249.69	250.21	254.06	251.32	0.95	ppb
Tin	118-1	250.89	259.20	257.73	255.94	1.73	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:10:37	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1271.28	1295.72	1287.39	1284.80	0.97	ppb
Uranium	238-1	243.20	248.84	247.96	246.67	1.23	ppb
Vanadium	51-2	253.89	249.39	252.47	251.92	0.91	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	2547.56	2539.45	2567.06	2551.36	0.56	ppb
Zirconium	90-1	252.88	259.54	255.10	255.84	1.32	ppb
Zirconium	91-1	254.50	254.61	253.89	254.34	0.15	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:13:35	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9839.33	9743.20	9830.61	9804.38	0.54	ppb
Antimony	121-1	502.21	511.58	507.13	506.97	0.92	ppb
Arsenic	75-2	505.17	501.20	502.14	502.84	0.41	ppb
Barium	135-1	2456.03	2515.49	2516.24	2495.92	1.38	ppb
Barium	137-1	2492.54	2501.98	2528.63	2507.72	0.75	ppb
Beryllium	9-1	485.08	499.37	508.96	497.80	2.41	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	431.11	495.72	524.62	483.82	9.90	ppb
Boron	11-1	431.04	488.94	526.99	482.33	10.02	ppb
Bromine	81-1						cps
Cadmium	111-1	509.19	511.25	513.30	511.24	0.40	ppb
Cadmium	106-1	494.76	491.28	511.86	499.30	2.21	ppb
Cadmium	108-1	512.23	496.61	503.21	504.02	1.56	ppb
Calcium	43-1	52805.30	51540.40	52783.94	52376.54	1.38	ppb
Calcium	44-1	52082.08	52451.69	52501.09	52344.95	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.79	501.28	503.25	502.11	0.20	ppb
Cobalt	59-2	508.53	500.64	509.00	506.06	0.93	ppb
Copper	63-2	5070.99	4944.74	5113.45	5043.06	1.74	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
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	26126.32	25449.71	25736.08	25770.70	1.32	ppb
Iron	56-2	24967.59	25360.09	24868.53	25065.40	1.04	ppb
Iron	57-2	25013.35	24762.58	24677.08	24817.67	0.70	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:13:35	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2551.33	2520.33	2633.15	2568.27	2.27	ppb
Lead	207-1	2543.78	2552.17	2583.93	2559.96	0.83	ppb
Lead	208-1	2536.75	2537.52	2602.99	2559.09	1.49	ppb
Lithium	6-1				105		%
Magnesium	24-2	51709.12	51239.59	51545.13	51497.94	0.46	ppb
Manganese	55-2	5076.73	4999.64	5043.64	5040.00	0.77	ppb
Molybdenum	94-1	2533.14	2522.18	2571.86	2542.40	1.03	ppb
Molybdenum	95-1	2527.40	2515.55	2582.71	2541.89	1.41	ppb
Molybdenum	96-1	2478.13	2519.77	2582.01	2526.64	2.07	ppb
Molybdenum	97-1	2472.48	2478.63	2606.24	2519.12	3.00	ppb
Molybdenum	98-1	2474.82	2494.53	2549.26	2506.20	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.62	505.90	509.59	507.70	0.36	ppb
Phosphorus	31-2	10458.27	10371.60	10198.30	10342.73	1.28	ppb
Potassium	39-2	25992.65	26114.65	26213.85	26107.05	0.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				95		%
Selenium	82-1	491.92	492.48	517.41	500.60	2.91	ppb
Selenium	77-2	466.57	558.03	500.53	508.38	9.09	ppb
Selenium	78-2	501.55	512.21	496.26	503.34	1.61	ppb
Silicon	28-1	114.19	1281.15	779.65	724.99	80.74	ppb
Silver	107-1	497.00	505.78	508.64	503.81	1.20	ppb
Silver	109-1	501.75	506.93	509.18	505.95	0.75	ppb
Sodium	23-2	51655.01	50753.94	51889.65	51432.87	1.17	ppb
Strontium	86-1	4935.90	5139.69	5200.43	5092.01	2.72	ppb
Strontium	88-1	4901.34	5057.23	5106.46	5021.68	2.13	ppb
Sulfur	34-1	12249.42	9668.15	10598.41	10838.66	12.06	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	507.49	506.65	506.53	506.89	0.10	ppb
Thallium	205-1	507.22	510.38	511.79	509.80	0.46	ppb
Tin	118-1	504.57	506.20	510.51	507.09	0.61	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:13:35	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2539.04	2491.92	2614.10	2548.35	2.42	ppb
Uranium	238-1	494.77	495.64	506.48	498.96	1.31	ppb
Vanadium	51-2	503.55	496.57	502.07	500.73	0.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	5060.98	5037.95	5084.30	5061.07	0.46	ppb
Zirconium	90-1	491.03	499.93	512.46	501.14	2.15	ppb
Zirconium	91-1	487.31	490.24	510.30	495.95	2.52	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:16:36	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19666.48	19881.16	19071.76	19539.80	2.15	ppb
Antimony	121-1	975.63	999.90	1007.41	994.31	1.67	ppb
Arsenic	75-2	1002.23	990.46	1000.09	997.59	0.63	ppb
Barium	135-1	4898.80	5024.96	5075.18	4999.65	1.82	ppb
Barium	137-1	4862.96	5001.72	5080.88	4981.85	2.21	ppb
Beryllium	9-1	978.50	1001.25	1016.97	998.91	1.94	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	916.63	1018.15	1097.58	1010.79	8.97	ppb
Boron	11-1	913.82	1017.60	1104.41	1011.95	9.43	ppb
Bromine	81-1						cps
Cadmium	111-1	984.39	983.09	1005.01	990.83	1.24	ppb
Cadmium	106-1	1006.83	968.25	1019.68	998.25	2.68	ppb
Cadmium	108-1	982.02	1002.40	998.06	994.16	1.08	ppb
Calcium	43-1	103958.93	105429.61	108558.78	105982.44	2.22	ppb
Calcium	44-1	104187.99	105267.17	106665.64	105373.60	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1005.10	1021.42	968.65	998.39	2.71	ppb
Cobalt	59-2	1010.64	1007.19	970.45	996.09	2.24	ppb
Copper	63-2	10016.80	10036.39	9821.29	9958.16	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	54-2	51244.81	51397.75	50284.43	50975.66	1.18	ppb
Iron	56-2	49490.14	51250.00	49044.49	49928.21	2.34	ppb
Iron	57-2	49330.35	50218.68	47928.26	49159.09	2.35	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:16:36	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4901.83	4976.96	5035.97	4971.59	1.35	ppb
Lead	207-1	4852.32	5051.73	5024.89	4976.31	2.17	ppb
Lead	208-1	4847.04	5043.79	5022.88	4971.24	2.17	ppb
Lithium	6-1				104		%
Magnesium	24-2	103363.16	102781.24	99741.92	101962.10	1.91	ppb
Manganese	55-2	9960.02	10138.62	9818.75	9972.46	1.61	ppb
Molybdenum	94-1	4868.25	4988.28	5057.42	4971.32	1.93	ppb
Molybdenum	95-1	4853.65	5002.44	5072.40	4976.16	2.25	ppb
Molybdenum	96-1	4893.49	5027.48	5024.08	4981.68	1.53	ppb
Molybdenum	97-1	4859.21	5031.24	5061.11	4983.85	2.19	ppb
Molybdenum	98-1	4830.71	5080.40	5057.46	4989.52	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1001.27	1009.87	973.51	994.88	1.91	ppb
Phosphorus	31-2	20210.44	19624.34	19490.56	19775.12	1.94	ppb
Potassium	39-2	50156.99	51712.05	50337.73	50735.59	1.68	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				106		%
Scandium	45-2				93		%
Selenium	82-1	972.58	1003.31	1017.68	997.86	2.31	ppb
Selenium	77-2	974.79	982.35	1003.47	986.87	1.51	ppb
Selenium	78-2	991.77	1007.66	994.80	998.07	0.85	ppb
Silicon	28-1	984.50	892.18	488.19	788.29	33.49	ppb
Silver	107-1	982.39	998.98	1004.78	995.38	1.17	ppb
Silver	109-1	975.07	986.61	1018.30	993.33	2.25	ppb
Sodium	23-2	104018.26	104404.91	99462.17	102628.45	2.68	ppb
Strontium	86-1	9775.30	9999.83	10023.91	9933.01	1.38	ppb
Strontium	88-1	9806.19	10105.32	10004.24	9971.92	1.53	ppb
Sulfur	34-1	18174.93	18620.23	19867.63	18887.59	4.65	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	979.11	997.39	1012.15	996.22	1.66	ppb
Thallium	205-1	969.61	987.46	1027.33	994.80	2.97	ppb
Tin	118-1	983.27	984.02	1014.97	994.09	1.82	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:16:36	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4834.46	4992.58	5066.97	4964.67	2.39	ppb
Uranium	238-1	981.39	1004.64	1019.29	1001.77	1.91	ppb
Vanadium	51-2	1008.44	1016.11	972.97	999.17	2.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	10032.66	10061.67	9770.33	9954.89	1.61	ppb
Zirconium	90-1	959.46	1032.32	1001.62	997.80	3.67	ppb
Zirconium	91-1	970.10	1017.11	1015.54	1000.92	2.67	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:19:35	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100709.96	101379.78	98261.18	100116.97	1.64	ppb
Antimony	121-1	0.49	0.67	0.71	0.62	18.86	ppb
Arsenic	75-2	0.39	0.32	0.33	0.35	10.27	ppb
Barium	135-1	2.05	1.77	2.00	1.94	7.50	ppb
Barium	137-1	1.96	1.84	1.77	1.86	5.05	ppb
Beryllium	9-1	0.14	0.10	0.12	0.12	17.20	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	133.17	120.38	109.74	121.09	9.69	ppb
Boron	11-1	132.49	117.31	108.01	119.27	10.36	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.30	0.29	0.25	31.16	ppb
Cadmium	106-1	-0.15	-0.05	-1.56	-0.59		ppb
Cadmium	108-1	1.20	0.38	1.09	0.89	49.77	ppb
Calcium	43-1	496465.07	491339.40	507675.62	498493.36	1.68	ppb
Calcium	44-1	498301.87	488539.46	508902.60	498581.31	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.64	6.43	6.06	6.38	4.55	ppb
Cobalt	59-2	1.56	1.56	1.43	1.52	5.13	ppb
Copper	63-2	6.47	6.52	6.32	6.44	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	253514.31	249980.21	245595.65	249696.72	1.59	ppb
Iron	56-2	253474.95	250299.18	246214.43	249996.19	1.46	ppb
Iron	57-2	253564.96	251858.61	245142.80	250188.79	1.78	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:19:35	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	9.59	10.10	10.33	10.01	3.77	ppb
Lead	207-1	10.03	10.18	10.66	10.29	3.20	ppb
Lead	208-1	9.87	10.05	10.43	10.12	2.80	ppb
Lithium	6-1				109		%
Magnesium	24-2	500255.38	503888.18	494048.88	499397.48	1.00	ppb
Manganese	55-2	6.00	6.19	5.98	6.06	1.84	ppb
Molybdenum	94-1	1.63	1.47	1.21	1.44	14.53	ppb
Molybdenum	95-1	1.99	1.87	1.63	1.83	10.20	ppb
Molybdenum	96-1	2.14	1.95	2.07	2.05	4.75	ppb
Molybdenum	97-1	1.82	1.66	1.59	1.69	7.01	ppb
Molybdenum	98-1	1.87	1.58	1.53	1.66	11.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.67	3.46	3.47	3.53	3.28	ppb
Phosphorus	31-2	-3.53	27.99	-5.06	6.47	288.47	ppb
Potassium	39-2	252292.82	248901.44	247900.37	249698.21	0.92	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				109		%
Scandium	45-2				94		%
Selenium	82-1	-0.16	3.38	2.47	1.90	96.88	ppb
Selenium	77-2	2.65	0.00	0.00	0.88	173.21	ppb
Selenium	78-2	-0.03	-0.86	-1.55	-0.82		ppb
Silicon	28-1	2442.08	2638.20	2022.93	2367.74	13.27	ppb
Silver	107-1	0.33	0.31	0.29	0.31	6.73	ppb
Silver	109-1	0.33	0.30	0.32	0.32	4.99	ppb
Sodium	23-2	500659.00	502776.18	494400.38	499278.52	0.87	ppb
Strontium	86-1	2.46	1.79	2.45	2.23	17.08	ppb
Strontium	88-1	3.04	2.84	2.98	2.95	3.51	ppb
Sulfur	34-1	-5902.35	-7044.75	-4511.36	-5819.49		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.30	0.32	0.27	0.30	9.58	ppb
Thallium	205-1	0.37	0.35	0.26	0.33	17.97	ppb
Tin	118-1	0.57	0.48	0.51	0.52	8.29	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:19:35	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	1.23	0.35	0.56	106.17	ppb
Uranium	238-1	0.13	0.13	0.13	0.13	2.84	ppb
Vanadium	51-2	0.14	0.13	0.24	0.17	34.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	23.12	23.97	23.78	23.62	1.89	ppb
Zirconium	90-1	0.16	0.16	0.12	0.15	17.08	ppb
Zirconium	91-1	0.05	0.11	0.19	0.12	59.95	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:52:52	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	496.21	492.07	465.17	484.48	3.48	ppb
Antimony	121-1	213.19	203.46	207.51	208.05	2.35	ppb
Arsenic	75-2	205.26	202.29	185.07	197.54	5.52	ppb
Barium	135-1	105.99	101.58	107.22	104.93	2.83	ppb
Barium	137-1	107.32	103.64	108.72	106.56	2.46	ppb
Beryllium	9-1	107.01	108.15	109.68	108.28	1.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	417.29	475.48	526.06	472.94	11.51	ppb
Boron	11-1	415.13	472.14	518.37	468.55	11.04	ppb
Bromine	81-1						cps
Cadmium	111-1	108.06	105.48	109.35	107.63	1.83	ppb
Cadmium	106-1	156.12	151.81	150.45	152.80	1.94	ppb
Cadmium	108-1	148.82	148.84	147.47	148.38	0.53	ppb
Calcium	43-1	2403.50	2388.35	2289.02	2360.29	2.63	ppb
Calcium	44-1	2315.68	2296.70	2269.63	2294.01	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.71	101.09	93.77	99.85	5.58	ppb
Cobalt	59-2	103.95	102.63	94.61	100.40	5.03	ppb
Copper	63-2	106.31	103.63	95.94	101.96	5.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	2085.60	2049.48	1942.51	2025.86	3.67	ppb
Iron	56-2	2023.83	1977.56	1845.81	1949.07	4.74	ppb
Iron	57-2	1964.83	1932.86	1813.06	1903.58	4.20	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:52:52	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	224.11	220.65	220.33	221.69	0.94	ppb
Lead	207-1	212.28	207.46	208.74	209.49	1.19	ppb
Lead	208-1	218.17	214.87	214.54	215.86	0.93	ppb
Lithium	6-1				95		%
Magnesium	24-2	1222.37	1181.95	1097.71	1167.34	5.45	ppb
Manganese	55-2	102.13	97.80	92.56	97.50	4.91	ppb
Molybdenum	94-1	2611.24	2610.07	2515.17	2578.83	2.14	ppb
Molybdenum	95-1	2577.27	2576.23	2461.43	2538.31	2.62	ppb
Molybdenum	96-1	2601.95	2549.49	2511.08	2554.18	1.79	ppb
Molybdenum	97-1	2554.22	2538.24	2489.22	2527.23	1.34	ppb
Molybdenum	98-1	2553.49	2542.38	2457.71	2517.86	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.41	102.38	98.43	102.08	3.43	ppb
Phosphorus	31-2	-16.66	25.39	48.22	18.98	173.39	ppb
Potassium	39-2	2013.72	1908.39	1808.59	1910.23	5.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	208.49	219.76	204.98	211.08	3.66	ppb
Selenium	77-2	208.46	217.06	166.14	197.22	13.82	ppb
Selenium	78-2	194.62	198.66	173.13	188.80	7.27	ppb
Silicon	28-1	-427.25	274.21	498.99	115.32	418.96	ppb
Silver	107-1	52.36	51.62	50.71	51.56	1.61	ppb
Silver	109-1	52.15	50.81	51.63	51.53	1.32	ppb
Sodium	23-2	2042.92	2011.67	1858.65	1971.08	5.00	ppb
Strontium	86-1	526.47	522.69	514.81	521.33	1.14	ppb
Strontium	88-1	530.38	526.98	520.43	525.93	0.96	ppb
Sulfur	34-1	-2769.94	-4921.40	-5777.65	-4489.67		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	223.01	223.45	223.28	223.25	0.10	ppb
Thallium	205-1	224.67	223.33	220.50	222.83	0.95	ppb
Tin	118-1	534.57	519.59	536.04	530.07	1.72	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:52:52	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2576.22	2577.54	2552.63	2568.80	0.55	ppb
Uranium	238-1	524.03	514.79	521.90	520.24	0.93	ppb
Vanadium	51-2	100.43	96.46	92.53	96.48	4.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	208.97	204.93	188.14	200.68	5.51	ppb
Zirconium	90-1	528.58	526.36	519.18	524.71	0.94	ppb
Zirconium	91-1	515.29	519.49	502.23	512.33	1.76	ppb

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 14:02:09 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.53	2.18	1.30	0.98	140.51	ppb
Antimony	121-1	0.01	0.02	0.02	0.01	36.02	ppb
Arsenic	75-2	0.00	0.03	0.00	0.01	226.41	ppb
Barium	135-1	0.02	0.02	0.00	0.01	89.84	ppb
Barium	137-1	0.00	0.00	0.03	0.01	119.81	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	16.75	16.18	14.36	15.76	7.93	ppb
Boron	11-1	15.43	16.48	14.36	15.42	6.87	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.10	-0.02	-0.06		ppb
Cadmium	106-1	-4.25	-5.43	-1.59	-3.76		ppb
Cadmium	108-1	-0.25	-0.01	0.11	-0.05		ppb
Calcium	43-1	-23.03	-23.37	-21.80	-22.73		ppb
Calcium	44-1	26.97	16.87	5.93	16.59	63.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	-0.09	-0.23	-0.09		ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.01		ppb
Copper	63-2	-0.04	-0.01	-0.02	-0.02		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
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	2.52	2.43	1.52	2.16	25.82	ppb
Iron	56-2	0.92	0.72	0.59	0.74	22.56	ppb
Iron	57-2	-2.39	-1.56	-1.63	-1.86		ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:02:09	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.05	0.12	0.10	47.75	ppb
Lead	207-1	0.11	0.20	0.05	0.12	59.18	ppb
Lead	208-1	0.11	0.12	0.10	0.11	10.59	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.55	2.53	1.13	1.73	41.46	ppb
Manganese	55-2	0.06	0.11	0.00	0.06	91.69	ppb
Molybdenum	94-1	0.07	0.05	0.00	0.04	100.59	ppb
Molybdenum	95-1	0.10	0.07	0.03	0.07	47.73	ppb
Molybdenum	96-1	0.08	0.08	0.08	0.08	4.66	ppb
Molybdenum	97-1	0.06	0.06	0.04	0.05	14.99	ppb
Molybdenum	98-1	0.05	0.07	0.05	0.06	21.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	-0.02	0.00	1510.64	ppb
Phosphorus	31-2	2.82	34.49	27.25	21.52	77.11	ppb
Potassium	39-2	-36.62	-40.20	-25.49	-34.10		ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	82-1	-1.33	1.29	3.09	1.02	218.45	ppb
Selenium	77-2	5.23	2.58	2.60	3.47	43.96	ppb
Selenium	78-2	1.26	0.69	0.07	0.68	88.00	ppb
Silicon	28-1	980.41	1148.63	1562.04	1230.36	24.33	ppb
Silver	107-1	0.01	0.01	0.00	0.00	194.19	ppb
Silver	109-1	0.02	0.00	0.00	0.01	133.21	ppb
Sodium	23-2	22.29	22.35	25.92	23.52	8.85	ppb
Strontium	86-1	-0.13	-0.08	-0.55	-0.25		ppb
Strontium	88-1	0.03	0.04	0.03	0.03	20.64	ppb
Sulfur	34-1	-5639.44	-6363.75	-7500.75	-6501.31		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.03	0.03	19.76	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	11.11	ppb
Tin	118-1	-0.01	-0.04	0.02	-0.01		ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:02:09	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.17	-0.49	-0.30	-0.21		ppb
Uranium	238-1	0.01	0.00	0.01	0.01	84.20	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	353.74	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	-0.36	-0.55	-0.43	-0.45		ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	100.51	ppb
Zirconium	91-1	0.07	-0.01	0.02	0.03	151.99	ppb

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 14:05:13 DataFile Name : 014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92938.50	93474.79	92567.00	92993.43	0.49	ppb
Antimony	121-1	1.24	1.12	1.21	1.19	5.44	ppb
Arsenic	75-2	0.41	0.39	0.20	0.33	33.49	ppb
Barium	135-1	1.32	1.46	1.40	1.39	5.07	ppb
Barium	137-1	1.61	1.43	1.61	1.55	6.73	ppb
Beryllium	9-1	0.29	0.26	0.28	0.28	5.69	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	14.56	12.91	11.75	13.07	10.81	ppb
Boron	11-1	13.65	12.83	12.76	13.08	3.80	ppb
Bromine	81-1						cps
Cadmium	111-1	0.44	0.52	0.52	0.49	9.23	ppb
Cadmium	106-1	-2.11	-0.60	-2.27	-1.66		ppb
Cadmium	108-1	10.63	10.18	12.46	11.09	10.87	ppb
Calcium	43-1	98711.04	99122.89	99046.71	98960.21	0.22	ppb
Calcium	44-1	101647.69	101804.07	100259.70	101237.16	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.83	20.10	19.90	19.61	3.47	ppb
Cobalt	59-2	1.17	1.11	1.13	1.13	2.70	ppb
Copper	63-2	7.73	7.86	8.01	7.87	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	101390.69	101654.41	99500.17	100848.42	1.17	ppb
Iron	56-2	99183.18	99342.18	99151.68	99225.68	0.10	ppb
Iron	57-2	96639.67	97536.56	96587.91	96921.38	0.55	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:05:13	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.55	5.05	4.83	4.81	5.23	ppb
Lead	207-1	4.27	4.21	4.35	4.28	1.71	ppb
Lead	208-1	4.40	4.47	4.45	4.44	0.83	ppb
Lithium	6-1				102		%
Magnesium	24-2	95500.91	94954.03	94171.00	94875.31	0.70	ppb
Manganese	55-2	7.28	7.89	7.79	7.65	4.28	ppb
Molybdenum	94-1	1307.82	1335.90	1338.78	1327.50	1.29	ppb
Molybdenum	95-1	1828.56	1889.33	1900.21	1872.70	2.06	ppb
Molybdenum	96-1	1777.37	1827.58	1826.14	1810.36	1.58	ppb
Molybdenum	97-1	1805.46	1860.62	1868.87	1844.98	1.87	ppb
Molybdenum	98-1	1829.33	1860.76	1879.82	1856.64	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.46	5.42	5.14	5.34	3.26	ppb
Phosphorus	31-2	96654.78	97042.09	94784.83	96160.57	1.26	ppb
Potassium	39-2	96138.87	98308.83	96109.09	96852.26	1.30	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				95		%
Selenium	82-1	3.14	-0.65	1.21	1.23	153.91	ppb
Selenium	77-2	2.63	2.61	0.00	1.75	86.60	ppb
Selenium	78-2	2.72	-0.82	-0.85	0.35	585.26	ppb
Silicon	28-1	1577.73	1670.40	1898.73	1715.62	9.63	ppb
Silver	107-1	0.07	0.07	0.08	0.07	9.85	ppb
Silver	109-1	0.05	0.05	0.04	0.05	9.44	ppb
Sodium	23-2	98767.93	98598.21	97096.08	98154.07	0.94	ppb
Strontium	86-1	34.26	32.81	34.90	33.99	3.17	ppb
Strontium	88-1	34.11	34.76	35.75	34.87	2.38	ppb
Sulfur	34-1	76336.98	72371.57	66530.43	71746.33	6.88	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.13	0.05	0.11	44.51	ppb
Thallium	205-1	0.15	0.12	0.17	0.15	15.94	ppb
Tin	118-1	0.19	0.14	0.25	0.19	30.04	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:05:13	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1963.98	2001.03	1959.46	1974.82	1.15	ppb
Uranium	238-1	0.01	0.01	0.05	0.03	89.20	ppb
Vanadium	51-2	0.18	0.10	0.17	0.15	28.42	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	10.15	9.77	10.65	10.19	4.31	ppb
Zirconium	90-1	0.02	0.02	0.10	0.04	111.94	ppb
Zirconium	91-1	0.02	0.04	0.15	0.07	99.60	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:08:10	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94253.05	88626.53	87662.97	90180.85	3.95	ppb
Antimony	121-1	20.20	21.38	20.49	20.69	2.98	ppb
Arsenic	75-2	20.62	19.23	18.74	19.53	4.98	ppb
Barium	135-1	20.49	21.96	21.86	21.44	3.83	ppb
Barium	137-1	20.39	23.00	21.15	21.51	6.24	ppb
Beryllium	9-1	20.24	20.02	20.07	20.11	0.57	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	61.71	63.83	65.87	63.80	3.26	ppb
Boron	11-1	59.32	60.22	64.90	61.48	4.87	ppb
Bromine	81-1						cps
Cadmium	111-1	19.51	20.81	19.41	19.91	3.90	ppb
Cadmium	106-1	20.29	20.02	19.94	20.08	0.91	ppb
Cadmium	108-1	29.71	32.06	31.58	31.11	3.98	ppb
Calcium	43-1	96034.57	100169.43	96774.64	97659.55	2.26	ppb
Calcium	44-1	97654.28	101038.34	100044.10	99578.91	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.35	38.79	36.54	38.56	4.97	ppb
Cobalt	59-2	21.18	20.81	20.43	20.81	1.79	ppb
Copper	63-2	28.33	27.76	26.25	27.45	3.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	101981.71	98949.92	94949.64	98627.09	3.58	ppb
Iron	56-2	99580.08	95472.61	93744.11	96265.60	3.11	ppb
Iron	57-2	97233.30	94290.91	91647.22	94390.48	2.96	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:08:10	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.28	24.84	25.31	24.81	2.09	ppb
Lead	207-1	22.45	23.09	22.78	22.77	1.40	ppb
Lead	208-1	23.12	23.73	23.51	23.45	1.33	ppb
Lithium	6-1				105		%
Magnesium	24-2	94977.80	91094.80	88805.43	91626.01	3.41	ppb
Manganese	55-2	27.78	26.20	25.67	26.55	4.14	ppb
Molybdenum	94-1	1372.18	1428.26	1447.16	1415.86	2.75	ppb
Molybdenum	95-1	1793.58	1934.23	1906.10	1877.97	3.96	ppb
Molybdenum	96-1	1784.50	1906.57	1884.85	1858.64	3.50	ppb
Molybdenum	97-1	1831.12	1897.81	1929.08	1886.01	2.65	ppb
Molybdenum	98-1	1819.97	1917.08	1933.51	1890.19	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.78	24.99	23.64	24.81	4.37	ppb
Phosphorus	31-2	96045.40	94430.70	90109.68	93528.59	3.28	ppb
Potassium	39-2	98626.73	94383.17	91732.29	94914.06	3.66	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				98		%
Selenium	82-1	21.64	22.03	23.39	22.35	4.10	ppb
Selenium	77-2	10.40	10.02	5.00	8.47	35.59	ppb
Selenium	78-2	17.21	18.35	18.26	17.94	3.55	ppb
Silicon	28-1	1742.70	1425.77	2244.69	1804.38	22.88	ppb
Silver	107-1	17.94	19.17	18.29	18.47	3.44	ppb
Silver	109-1	18.49	19.38	19.28	19.05	2.56	ppb
Sodium	23-2	98808.94	95832.29	93423.47	96021.57	2.81	ppb
Strontium	86-1	79.97	85.99	83.92	83.29	3.67	ppb
Strontium	88-1	82.17	86.50	86.01	84.90	2.79	ppb
Sulfur	34-1	63552.50	67708.06	64050.06	65103.54	3.49	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	20.10	20.74	19.66	20.17	2.70	ppb
Thallium	205-1	19.87	20.61	20.40	20.30	1.89	ppb
Tin	118-1	48.78	52.38	51.20	50.79	3.61	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:08:10	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1989.28	2071.04	2023.56	2027.96	2.02	ppb
Uranium	238-1	49.23	51.67	50.50	50.47	2.42	ppb
Vanadium	51-2	20.00	18.90	18.44	19.11	4.19	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	30.94	30.48	28.95	30.12	3.45	ppb
Zirconium	90-1	48.75	51.10	51.44	50.43	2.91	ppb
Zirconium	91-1	48.01	48.70	52.19	49.63	4.52	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:11:05	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49423.86	48962.29	48998.94	49128.36	0.52	ppb
Antimony	121-1	493.62	503.72	502.39	499.91	1.10	ppb
Arsenic	75-2	499.03	490.62	493.63	494.43	0.86	ppb
Barium	135-1	2479.24	2531.26	2513.42	2507.98	1.05	ppb
Barium	137-1	2533.94	2568.24	2515.24	2539.14	1.06	ppb
Beryllium	9-1	519.13	513.08	512.16	514.79	0.74	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	495.77	530.19	548.17	524.71	5.07	ppb
Boron	11-1	485.12	520.93	546.47	517.51	5.95	ppb
Bromine	81-1						cps
Cadmium	111-1	490.96	498.41	495.16	494.84	0.75	ppb
Cadmium	106-1	496.35	504.56	496.62	499.18	0.93	ppb
Cadmium	108-1	487.65	507.64	500.61	498.63	2.03	ppb
Calcium	43-1	262361.71	260007.82	258188.35	260185.96	0.80	ppb
Calcium	44-1	259191.83	260414.25	259473.79	259693.29	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.72	512.34	509.14	510.74	0.31	ppb
Cobalt	59-2	505.46	503.79	501.27	503.50	0.42	ppb
Copper	63-2	4955.84	5048.75	5028.73	5011.10	0.98	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
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	129511.09	127853.56	127488.77	128284.48	0.84	ppb
Iron	56-2	127763.35	126477.19	124980.14	126406.90	1.10	ppb
Iron	57-2	127915.88	127022.78	125659.76	126866.14	0.90	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:11:05	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2585.75	2639.75	2594.03	2606.51	1.12	ppb
Lead	207-1	2610.33	2584.61	2569.08	2588.01	0.80	ppb
Lead	208-1	2599.32	2592.32	2562.08	2584.57	0.77	ppb
Lithium	6-1				102		%
Magnesium	24-2	251294.59	254682.96	247925.78	251301.11	1.34	ppb
Manganese	55-2	5119.72	5053.46	5084.26	5085.82	0.65	ppb
Molybdenum	94-1	2519.56	2604.99	2570.20	2564.91	1.67	ppb
Molybdenum	95-1	2498.28	2582.02	2506.87	2529.06	1.82	ppb
Molybdenum	96-1	2528.04	2590.81	2497.73	2538.86	1.87	ppb
Molybdenum	97-1	2526.89	2553.70	2489.23	2523.27	1.28	ppb
Molybdenum	98-1	2478.48	2557.04	2492.15	2509.22	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.48	501.29	502.06	503.94	0.78	ppb
Phosphorus	31-2	10655.49	10208.73	9858.90	10241.04	3.90	ppb
Potassium	39-2	125267.09	125270.00	126499.82	125678.97	0.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				109		%
Scandium	45-2				95		%
Selenium	82-1	494.96	509.05	501.52	501.85	1.40	ppb
Selenium	77-2	542.77	519.24	495.56	519.19	4.55	ppb
Selenium	78-2	489.41	488.37	492.13	489.97	0.40	ppb
Silicon	28-1	1196.95	2017.27	1983.90	1732.71	26.80	ppb
Silver	107-1	479.14	492.11	488.21	486.49	1.37	ppb
Silver	109-1	491.63	491.05	496.50	493.06	0.61	ppb
Sodium	23-2	256194.52	253080.45	250405.22	253226.73	1.14	ppb
Strontium	86-1	5140.23	5257.13	5058.58	5151.98	1.94	ppb
Strontium	88-1	5070.27	5172.23	5063.24	5101.91	1.20	ppb
Sulfur	34-1	442.89	103.64	515.76	354.10	62.11	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	509.89	515.06	510.63	511.86	0.55	ppb
Thallium	205-1	523.09	525.32	503.35	517.25	2.34	ppb
Tin	118-1	495.55	503.61	503.88	501.02	0.94	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:11:05	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2493.40	2527.03	2507.59	2509.34	0.67	ppb
Uranium	238-1	530.50	521.61	537.45	529.85	1.50	ppb
Vanadium	51-2	514.10	513.81	500.87	509.59	1.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	5001.99	5046.18	5005.29	5017.82	0.49	ppb
Zirconium	90-1	509.70	523.51	515.20	516.14	1.35	ppb
Zirconium	91-1	506.22	513.08	510.57	509.96	0.68	ppb

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P8
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 14:23:59 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	1.61	1.49	1.08	76.09	ppb
Antimony	121-1	0.02	0.04	0.02	0.03	32.84	ppb
Arsenic	75-2	0.05	0.00	-0.01	0.01	317.92	ppb
Barium	135-1	0.02	0.04	0.02	0.02	46.17	ppb
Barium	137-1	0.02	-0.01	0.02	0.01	138.01	ppb
Beryllium	9-1	0.02	0.00	-0.01	0.00	355.61	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	8.75	9.02	9.02	8.93	1.75	ppb
Boron	11-1	9.19	8.91	8.53	8.88	3.70	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	0.01	-0.05	-0.03		ppb
Cadmium	106-1	-4.25	-0.67	-3.31	-2.74		ppb
Cadmium	108-1	-0.14	0.10	-0.37	-0.14		ppb
Calcium	43-1	-20.06	-15.92	-14.50	-16.83		ppb
Calcium	44-1	30.46	15.73	27.99	24.73	31.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.06	0.13	0.02	521.42	ppb
Cobalt	59-2	-0.01	-0.02	0.01	-0.01		ppb
Copper	63-2	0.12	0.02	-0.04	0.03	242.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	3.54	1.37	2.29	2.40	45.44	ppb
Iron	56-2	1.29	1.20	1.35	1.28	5.83	ppb
Iron	57-2	-5.64	1.99	-3.30	-2.32		ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:23:59	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.17	0.14	0.15	9.81	ppb
Lead	207-1	0.22	0.26	0.18	0.22	19.00	ppb
Lead	208-1	0.18	0.21	0.20	0.20	6.75	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.24	1.49	2.05	1.10	108.36	ppb
Manganese	55-2	0.11	0.04	0.09	0.08	47.77	ppb
Molybdenum	94-1	0.07	0.04	0.03	0.05	49.44	ppb
Molybdenum	95-1	0.06	0.04	0.06	0.05	21.83	ppb
Molybdenum	96-1	0.04	0.03	0.07	0.05	42.10	ppb
Molybdenum	97-1	0.03	0.05	0.07	0.05	39.36	ppb
Molybdenum	98-1	0.06	0.05	0.04	0.05	19.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.01	0.02	67.39	ppb
Phosphorus	31-2	26.98	-23.73	35.04	12.76	249.66	ppb
Potassium	39-2	-29.59	-43.70	-36.27	-36.52		ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				94		%
Selenium	82-1	-0.33	0.53	-2.55	-0.78		ppb
Selenium	77-2	0.00	0.00	2.62	0.87	173.21	ppb
Selenium	78-2	-0.28	0.85	-1.27	-0.23		ppb
Silicon	28-1	1162.46	1514.27	1187.99	1288.24	15.23	ppb
Silver	107-1	0.00	0.02	0.01	0.01	86.67	ppb
Silver	109-1	0.01	0.01	0.00	0.01	103.32	ppb
Sodium	23-2	57.64	58.49	56.93	57.69	1.36	ppb
Strontium	86-1	-0.50	-0.55	-0.66	-0.57		ppb
Strontium	88-1	0.03	0.04	0.03	0.04	11.53	ppb
Sulfur	34-1	-8118.23	-9095.25	-8226.70	-8480.06		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.10	0.06	0.06	51.56	ppb
Thallium	205-1	0.11	0.09	0.09	0.10	9.24	ppb
Tin	118-1	-0.04	-0.04	0.03	-0.02		ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:23:59	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.47	-0.37	-0.42	-0.42		ppb
Uranium	238-1	0.00	0.00	0.01	0.01	102.39	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	149.85	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	-0.52	-0.31	-0.33	-0.39		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	3332.63	ppb
Zirconium	91-1	-0.05	0.03	-0.05	-0.02		ppb

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 14:27:02 DataFile Name : 018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.77	25.00	21.93	21.90	14.21	ppb
Antimony	121-1	2.00	2.02	2.17	2.06	4.38	ppb
Arsenic	75-2	1.19	0.89	1.22	1.10	16.51	ppb
Barium	135-1	10.82	10.03	10.16	10.34	4.08	ppb
Barium	137-1	10.07	10.23	10.21	10.17	0.85	ppb
Beryllium	9-1	0.95	1.05	1.05	1.02	5.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	26.22	28.90	31.34	28.82	8.89	ppb
Boron	11-1	25.78	28.88	30.95	28.53	9.12	ppb
Bromine	81-1						cps
Cadmium	111-1	0.84	0.88	0.79	0.84	5.02	ppb
Cadmium	106-1	-2.44	-0.23	-1.25	-1.31		ppb
Cadmium	108-1	1.17	1.02	1.50	1.23	20.11	ppb
Calcium	43-1	506.30	470.92	487.82	488.35	3.62	ppb
Calcium	44-1	539.74	515.98	510.02	521.91	3.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	1.98	1.82	1.96	6.58	ppb
Cobalt	59-2	1.08	1.02	1.02	1.04	3.04	ppb
Copper	63-2	1.92	2.12	2.17	2.07	6.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	57.84	57.36	54.16	56.45	3.54	ppb
Iron	56-2	51.74	52.58	53.71	52.68	1.88	ppb
Iron	57-2	41.76	46.55	46.78	45.03	6.30	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:27:02	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.18	1.22	1.15	1.18	2.86	ppb
Lead	207-1	0.91	1.07	1.15	1.04	11.59	ppb
Lead	208-1	1.09	1.16	1.11	1.12	3.06	ppb
Lithium	6-1				102		%
Magnesium	24-2	508.47	481.72	513.00	501.06	3.37	ppb
Manganese	55-2	0.97	1.11	0.91	1.00	10.38	ppb
Molybdenum	94-1	4.78	4.82	4.61	4.74	2.29	ppb
Molybdenum	95-1	5.00	4.84	4.71	4.85	3.02	ppb
Molybdenum	96-1	4.84	5.09	4.99	4.97	2.61	ppb
Molybdenum	97-1	4.87	5.20	4.89	4.99	3.68	ppb
Molybdenum	98-1	4.79	4.65	4.89	4.78	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	0.85	1.12	1.06	17.94	ppb
Phosphorus	31-2	35.50	16.62	9.64	20.59	64.98	ppb
Potassium	39-2	479.37	468.60	454.17	467.38	2.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				93		%
Selenium	82-1	6.69	3.63	5.67	5.33	29.21	ppb
Selenium	77-2	0.00	10.64	0.00	3.55	173.21	ppb
Selenium	78-2	4.54	6.86	5.70	5.70	20.37	ppb
Silicon	28-1	934.23	1680.72	1581.20	1398.72	28.98	ppb
Silver	107-1	0.85	0.98	1.01	0.95	9.06	ppb
Silver	109-1	0.91	0.99	0.97	0.96	4.05	ppb
Sodium	23-2	552.09	555.80	549.55	552.48	0.57	ppb
Strontium	86-1	0.51	1.08	0.43	0.67	52.16	ppb
Strontium	88-1	1.03	1.08	1.10	1.07	3.34	ppb
Sulfur	34-1	-7067.66	-9351.51	-9098.70	-8505.96		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	1.01	1.05	1.01	1.02	2.20	ppb
Thallium	205-1	1.07	1.03	1.09	1.07	2.71	ppb
Tin	118-1	5.23	5.29	4.66	5.06	6.84	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:27:02	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.02	4.87	5.15	5.01	2.74	ppb
Uranium	238-1	1.01	0.98	1.01	1.00	1.55	ppb
Vanadium	51-2	4.96	5.14	4.87	4.99	2.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	1.94	2.17	2.10	2.07	5.63	ppb
Zirconium	90-1	1.02	0.92	1.04	0.99	6.41	ppb
Zirconium	91-1	0.92	0.95	0.91	0.93	2.48	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	PB136625BL	Instrumnet Name :	P8
Client Sample ID :	PB136625BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:30:07	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.29	1.29	0.39	0.46	172.31	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	37.34	ppb
Arsenic	75-2	-0.01	-0.04	0.03	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.03	0.01	124.20	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	9.23	8.73	9.32	9.09	3.47	ppb
Boron	11-1	9.25	8.65	8.66	8.86	3.84	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	-0.07	-0.02		ppb
Cadmium	106-1	-1.05	-1.90	-4.65	-2.53		ppb
Cadmium	108-1	-0.37	-0.26	-0.25	-0.29		ppb
Calcium	43-1	-14.42	-27.97	-21.83	-21.41		ppb
Calcium	44-1	23.16	35.97	41.97	33.70	28.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.12	0.05	-0.06	-0.04		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.02		ppb
Copper	63-2	0.00	-0.01	-0.05	-0.02		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
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	3.74	3.27	1.85	2.95	33.32	ppb
Iron	56-2	0.49	0.40	0.09	0.33	65.21	ppb
Iron	57-2	-9.44	-6.11	-3.77	-6.44		ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	PB136625BL	Instrumnet Name :	P8
Client Sample ID :	PB136625BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:30:07	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.17	0.19	0.16	26.15	ppb
Lead	207-1	0.11	0.17	0.08	0.12	40.69	ppb
Lead	208-1	0.14	0.14	0.13	0.14	2.77	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.59	-0.26	0.68	0.33	155.12	ppb
Manganese	55-2	-0.01	-0.05	-0.01	-0.02		ppb
Molybdenum	94-1	-0.08	-0.01	-0.03	-0.04		ppb
Molybdenum	95-1	0.02	0.00	0.03	0.02	76.42	ppb
Molybdenum	96-1	0.03	0.01	0.00	0.02	97.04	ppb
Molybdenum	97-1	0.03	0.02	0.04	0.03	42.73	ppb
Molybdenum	98-1	0.05	0.01	0.01	0.02	118.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.02	0.01	66.96	ppb
Phosphorus	31-2	6.68	26.47	-42.78	-3.21		ppb
Potassium	39-2	-23.75	-49.03	-33.67	-35.48		ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	82-1	3.19	-1.66	-2.78	-0.42		ppb
Selenium	77-2	0.00	0.00	2.65	0.88	173.21	ppb
Selenium	78-2	-1.28	-0.94	-0.02	-0.75		ppb
Silicon	28-1	1441.33	823.63	675.63	980.20	41.44	ppb
Silver	107-1	0.02	0.01	0.02	0.02	38.42	ppb
Silver	109-1	0.00	0.01	0.03	0.02	82.64	ppb
Sodium	23-2	46.93	44.21	41.31	44.15	6.37	ppb
Strontium	86-1	-0.33	-0.29	-0.36	-0.33		ppb
Strontium	88-1	0.02	0.00	0.02	0.01	66.33	ppb
Sulfur	34-1	-8624.46	-6499.38	-5671.77	-6931.87		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.07	0.03	0.06	44.22	ppb
Thallium	205-1	0.07	0.06	0.08	0.07	13.68	ppb
Tin	118-1	-0.05	0.03	-0.08	-0.03		ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	PB136625BL	Instrumnet Name :	P8
Client Sample ID :	PB136625BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:30:07	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.57	-0.35	-0.57	-0.50		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	-0.46	-0.11	-0.18	-0.25		ppb
Zirconium	90-1	-0.03	0.00	-0.01	-0.01		ppb
Zirconium	91-1	0.00	-0.02	-0.04	-0.02		ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	PB136625BS	Instrumnet Name :	P8
Client Sample ID :	PB136625BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:33:10	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9709.76	9749.52	9944.20	9801.16	1.28	ppb
Antimony	121-1	491.36	503.37	501.26	498.66	1.29	ppb
Arsenic	75-2	493.18	500.75	494.24	496.06	0.83	ppb
Barium	135-1	2446.53	2489.51	2478.13	2471.39	0.90	ppb
Barium	137-1	2546.26	2573.99	2603.49	2574.58	1.11	ppb
Beryllium	9-1	514.53	514.83	505.77	511.71	1.01	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	428.93	478.50	496.09	467.84	7.44	ppb
Boron	11-1	419.95	471.97	491.74	461.22	8.04	ppb
Bromine	81-1						cps
Cadmium	111-1	495.22	506.03	501.76	501.00	1.09	ppb
Cadmium	106-1	487.35	511.90	507.37	502.20	2.60	ppb
Cadmium	108-1	497.38	503.28	503.00	501.22	0.66	ppb
Calcium	43-1	53460.47	52427.02	51699.25	52528.92	1.68	ppb
Calcium	44-1	53761.70	53257.42	53054.58	53357.90	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.04	500.48	511.72	503.41	1.45	ppb
Cobalt	59-2	500.35	499.61	511.13	503.70	1.28	ppb
Copper	63-2	5053.77	5039.70	5121.86	5071.78	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	25568.81	25350.85	25943.40	25621.02	1.17	ppb
Iron	56-2	25268.79	25155.24	25669.32	25364.45	1.06	ppb
Iron	57-2	24722.88	24633.85	25260.73	24872.49	1.36	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	PB136625BS	Instrumnet Name :	P8
Client Sample ID :	PB136625BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:33:10	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2601.78	2620.75	2645.65	2622.73	0.84	ppb
Lead	207-1	2534.80	2577.82	2566.94	2559.85	0.87	ppb
Lead	208-1	2529.99	2588.69	2599.25	2572.64	1.45	ppb
Lithium	6-1				102		%
Magnesium	24-2	52035.03	50624.14	51793.00	51484.06	1.47	ppb
Manganese	55-2	5120.65	4997.80	5146.55	5088.34	1.56	ppb
Molybdenum	94-1	2469.18	2553.77	2574.66	2532.54	2.21	ppb
Molybdenum	95-1	2453.16	2581.62	2571.46	2535.42	2.82	ppb
Molybdenum	96-1	2506.17	2608.06	2617.99	2577.40	2.40	ppb
Molybdenum	97-1	2522.36	2590.53	2559.06	2557.32	1.33	ppb
Molybdenum	98-1	2472.10	2578.80	2530.24	2527.05	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.56	496.26	509.77	501.53	1.44	ppb
Phosphorus	31-2	10026.66	9327.05	10119.94	9824.55	4.41	ppb
Potassium	39-2	25515.24	25570.49	26172.20	25752.64	1.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				94		%
Selenium	82-1	496.39	508.24	512.61	505.75	1.66	ppb
Selenium	77-2	484.17	476.97	496.09	485.74	1.99	ppb
Selenium	78-2	487.63	491.33	502.58	493.85	1.58	ppb
Silicon	28-1	540.44	1216.44	1473.19	1076.69	44.75	ppb
Silver	107-1	490.93	507.14	493.02	497.03	1.77	ppb
Silver	109-1	506.26	506.27	504.42	505.65	0.21	ppb
Sodium	23-2	50823.78	50668.67	51025.68	50839.37	0.35	ppb
Strontium	86-1	5010.43	5097.27	5171.73	5093.14	1.59	ppb
Strontium	88-1	4935.83	5034.44	5086.60	5018.96	1.53	ppb
Sulfur	34-1	4391.81	2950.03	1878.37	3073.40	41.04	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	491.56	505.59	497.24	498.13	1.42	ppb
Thallium	205-1	502.44	516.11	517.02	511.86	1.60	ppb
Tin	118-1	500.65	516.49	507.92	508.35	1.56	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	PB136625BS	Instrumnet Name :	P8
Client Sample ID :	PB136625BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:33:10	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2513.98	2525.63	2451.85	2497.15	1.59	ppb
Uranium	238-1	498.97	507.69	504.37	503.68	0.87	ppb
Vanadium	51-2	495.54	491.81	506.55	497.97	1.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	4984.83	5038.14	5077.06	5033.34	0.92	ppb
Zirconium	90-1	492.84	502.53	504.63	500.00	1.26	ppb
Zirconium	91-1	487.10	494.54	496.82	492.82	1.03	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01RE	Instrumnet Name :	P8
Client Sample ID :	MW-2RE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:44:22	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.34	11.47	13.95	11.92	15.52	ppb
Antimony	121-1	1.68	1.73	2.18	1.86	14.76	ppb
Arsenic	75-2	0.64	0.58	0.58	0.60	5.91	ppb
Barium	135-1	88.14	80.90	84.59	84.54	4.28	ppb
Barium	137-1	89.18	81.47	84.94	85.20	4.53	ppb
Beryllium	9-1	-0.01	0.00	0.03	0.01	343.10	ppb
Bismuth	209-1				111		%
Bismuth	209-2				91		%
Boron	10-1	87.12	77.25	78.40	80.93	6.67	ppb
Boron	11-1	85.23	82.40	87.58	85.07	3.05	ppb
Bromine	81-1						cps
Cadmium	111-1	1.03	1.21	1.73	1.32	27.28	ppb
Cadmium	106-1	-4.22	-5.45	-1.93	-3.87		ppb
Cadmium	108-1	1.06	1.59	1.55	1.40	21.27	ppb
Calcium	43-1	29241.45	27072.06	27262.39	27858.63	4.31	ppb
Calcium	44-1	30706.11	28500.77	28586.03	29264.30	4.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.59	0.76	0.45	0.60	25.66	ppb
Cobalt	59-2	9.94	10.31	10.18	10.14	1.86	ppb
Copper	63-2	7.54	7.51	7.77	7.61	1.89	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
Holmium	165-1				103		%
Holmium	165-2				91		%
Indium	115-1				101		%
Indium	115-2				86		%
Iron	54-2	3091.89	3121.75	3055.56	3089.73	1.07	ppb
Iron	56-2	3048.10	3119.89	3181.87	3116.62	2.15	ppb
Iron	57-2	2981.14	3042.05	3021.63	3014.94	1.03	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01RE	Instrumnet Name :	P8
Client Sample ID :	MW-2RE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:44:22	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.29	2.24	2.48	2.34	5.40	ppb
Lead	207-1	2.09	2.24	2.36	2.23	6.11	ppb
Lead	208-1	2.26	2.33	2.47	2.35	4.58	ppb
Lithium	6-1				165		%
Magnesium	24-2	10753.88	11106.47	10831.82	10897.39	1.70	ppb
Manganese	55-2	2207.00	2246.84	2276.13	2243.32	1.55	ppb
Molybdenum	94-1	0.62	0.50	1.11	0.74	43.33	ppb
Molybdenum	95-1	0.85	0.68	2.08	1.20	63.54	ppb
Molybdenum	96-1	0.75	0.82	2.37	1.31	69.77	ppb
Molybdenum	97-1	0.81	0.68	3.18	1.56	90.47	ppb
Molybdenum	98-1	0.81	0.73	3.02	1.52	85.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.57	8.96	8.12	8.55	4.96	ppb
Phosphorus	31-2	-13.00	-17.20	-10.75	-13.65		ppb
Potassium	39-2	2518.27	2624.23	2574.25	2572.25	2.06	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				89		%
Selenium	82-1	1.08	0.25	4.39	1.91	114.73	ppb
Selenium	77-2	0.00	5.93	11.99	5.97	100.38	ppb
Selenium	78-2	1.22	-0.29	1.93	0.95	118.81	ppb
Silicon	28-1	-8191.07	-4215.46	-2611.63	-5006.05		ppb
Silver	107-1	0.83	1.00	0.92	0.92	9.27	ppb
Silver	109-1	0.89	1.01	1.02	0.97	7.81	ppb
Sodium	23-2	10925.13	11243.05	11135.99	11101.39	1.46	ppb
Strontium	86-1	207.62	189.66	186.12	194.47	5.93	ppb
Strontium	88-1	206.48	187.40	187.88	193.92	5.61	ppb
Sulfur	34-1	9880.42	1653.68	-1134.11	3466.66	165.19	ppb
Terbium	159-1				103		%
Terbium	159-2				90		%
Thallium	203-1	2.73	3.13	2.76	2.87	7.88	ppb
Thallium	205-1	2.91	3.29	2.69	2.96	10.25	ppb
Tin	118-1	4.97	6.51	7.27	6.25	18.77	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01RE	Instrumnet Name :	P8
Client Sample ID :	MW-2RE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:44:22	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.50	0.26	0.83	0.53	53.03	ppb
Uranium	238-1	0.04	0.04	0.13	0.07	73.64	ppb
Vanadium	51-2	0.93	0.92	0.85	0.90	4.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				87		%
Zinc	66-2	16.20	15.80	15.71	15.90	1.65	ppb
Zirconium	90-1	0.07	0.08	0.09	0.08	12.29	ppb
Zirconium	91-1	0.06	0.05	0.21	0.11	84.38	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01DUPRE	Instrumnet Name :	P8
Client Sample ID :	MW-2DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:47:23	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.45	5.74	7.76	5.98	27.93	ppb
Antimony	121-1	1.16	1.03	1.14	1.11	6.22	ppb
Arsenic	75-2	0.71	0.68	0.62	0.67	6.67	ppb
Barium	135-1	80.97	80.69	83.97	81.87	2.22	ppb
Barium	137-1	80.18	81.57	83.83	81.86	2.25	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				108		%
Bismuth	209-2				90		%
Boron	10-1	87.46	92.57	103.06	94.36	8.43	ppb
Boron	11-1	96.08	103.50	111.30	103.63	7.34	ppb
Bromine	81-1						cps
Cadmium	111-1	0.43	0.31	0.54	0.43	26.78	ppb
Cadmium	106-1	-5.35	-6.87	-2.47	-4.90		ppb
Cadmium	108-1	0.31	1.11	0.32	0.58	79.06	ppb
Calcium	43-1	27471.41	28460.89	27527.91	27820.07	2.00	ppb
Calcium	44-1	28825.51	29255.26	28351.07	28810.61	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.63	0.53	0.53	19.58	ppb
Cobalt	59-2	10.46	10.53	11.04	10.67	3.01	ppb
Copper	63-2	7.03	6.93	6.86	6.94	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				90		%
Indium	115-1				102		%
Indium	115-2				85		%
Iron	54-2	3107.77	3114.48	3102.03	3108.09	0.20	ppb
Iron	56-2	3107.80	3190.25	3130.57	3142.88	1.35	ppb
Iron	57-2	3072.41	2978.48	3153.13	3068.00	2.85	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01DUPRE	Instrumnet Name :	P8
Client Sample ID :	MW-2DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:47:23	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.68	0.79	0.86	0.78	11.97	ppb
Lead	207-1	0.69	0.85	0.87	0.80	12.07	ppb
Lead	208-1	0.76	0.81	0.84	0.80	5.35	ppb
Lithium	6-1				135		%
Magnesium	24-2	10856.41	10975.07	11055.66	10962.38	0.91	ppb
Manganese	55-2	2246.56	2252.93	2276.04	2258.51	0.69	ppb
Molybdenum	94-1	0.42	0.47	0.59	0.49	17.73	ppb
Molybdenum	95-1	0.74	0.54	0.79	0.69	18.85	ppb
Molybdenum	96-1	0.63	0.55	0.61	0.60	7.20	ppb
Molybdenum	97-1	0.64	0.48	0.72	0.62	19.76	ppb
Molybdenum	98-1	0.60	0.81	0.60	0.67	18.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.40	8.85	8.95	8.73	3.40	ppb
Phosphorus	31-2	-17.54	4.59	-29.63	-14.19		ppb
Potassium	39-2	2467.32	2513.39	2514.67	2498.46	1.08	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				106		%
Scandium	45-2				87		%
Selenium	82-1	-1.19	-0.67	4.36	0.83	367.59	ppb
Selenium	77-2	5.98	15.12	9.02	10.04	46.39	ppb
Selenium	78-2	0.03	4.70	1.95	2.23	105.36	ppb
Silicon	28-1	-1258.50	-1412.56	-417.89	-1029.65		ppb
Silver	107-1	0.31	0.29	0.28	0.29	5.01	ppb
Silver	109-1	0.22	0.28	0.29	0.26	14.28	ppb
Sodium	23-2	11058.16	11074.65	11181.10	11104.64	0.60	ppb
Strontium	86-1	189.14	183.69	184.60	185.81	1.57	ppb
Strontium	88-1	186.24	188.61	184.72	186.52	1.05	ppb
Sulfur	34-1	-2621.52	-2759.94	-5351.87	-3577.78		ppb
Terbium	159-1				107		%
Terbium	159-2				90		%
Thallium	203-1	0.23	0.42	0.37	0.34	29.36	ppb
Thallium	205-1	0.30	0.33	0.42	0.35	18.52	ppb
Tin	118-1	4.68	5.21	5.37	5.08	7.07	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01DUPRE	Instrumnet Name :	P8
Client Sample ID :	MW-2DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:47:23	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.12	0.41	0.59	0.37	63.26	ppb
Uranium	238-1	0.03	0.05	0.03	0.04	25.13	ppb
Vanadium	51-2	0.86	0.75	0.82	0.81	6.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				86		%
Zinc	66-2	15.93	14.67	16.12	15.57	5.05	ppb
Zirconium	90-1	0.00	-0.02	-0.02	-0.01		ppb
Zirconium	91-1	-0.03	-0.06	-0.01	-0.03		ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-2L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 14:50:27	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.58	5.41	4.27	4.75	12.38	ppb
Antimony	121-1	0.24	0.24	0.30	0.26	12.76	ppb
Arsenic	75-2	0.22	0.07	0.18	0.15	51.19	ppb
Barium	135-1	15.97	15.40	16.08	15.82	2.29	ppb
Barium	137-1	14.99	15.28	16.17	15.48	3.96	ppb
Beryllium	9-1	0.01	-0.01	-0.01	0.00		ppb
Bismuth	209-1				117		%
Bismuth	209-2				94		%
Boron	10-1	39.89	39.61	38.24	39.25	2.25	ppb
Boron	11-1	44.70	44.33	45.66	44.90	1.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	-0.03	0.11	0.06	127.95	ppb
Cadmium	106-1	-2.53	-6.00	-2.43	-3.65		ppb
Cadmium	108-1	-0.16	0.04	0.18	0.02	887.88	ppb
Calcium	43-1	5339.11	5347.38	5468.10	5384.86	1.34	ppb
Calcium	44-1	5531.78	5365.17	5639.62	5512.19	2.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.23	0.35	0.31	22.06	ppb
Cobalt	59-2	2.16	2.18	1.98	2.11	5.18	ppb
Copper	63-2	1.61	1.49	1.56	1.55	3.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				94		%
Indium	115-1				108		%
Indium	115-2				90		%
Iron	54-2	620.54	614.60	598.31	611.15	1.88	ppb
Iron	56-2	612.01	603.66	609.06	608.24	0.70	ppb
Iron	57-2	581.57	599.52	619.70	600.26	3.18	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-2L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 14:50:27	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.17	0.13	27.33	ppb
Lead	207-1	0.12	0.17	0.17	0.15	19.62	ppb
Lead	208-1	0.14	0.16	0.14	0.15	10.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	2123.04	2165.16	2116.56	2134.92	1.24	ppb
Manganese	55-2	445.32	445.52	441.21	444.01	0.55	ppb
Molybdenum	94-1	0.09	0.17	0.13	0.13	29.91	ppb
Molybdenum	95-1	0.19	0.18	0.14	0.17	15.84	ppb
Molybdenum	96-1	0.14	0.13	0.15	0.14	5.22	ppb
Molybdenum	97-1	0.10	0.11	0.13	0.12	11.56	ppb
Molybdenum	98-1	0.12	0.13	0.15	0.13	12.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.53	1.53	1.72	1.59	6.68	ppb
Phosphorus	31-2	12.56	7.79	11.82	10.72	23.97	ppb
Potassium	39-2	421.68	477.16	422.57	440.47	7.22	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				111		%
Scandium	45-2				91		%
Selenium	82-1	-4.89	-0.26	-0.43	-1.86		ppb
Selenium	77-2	0.00	2.84	5.62	2.82	99.60	ppb
Selenium	78-2	1.03	0.47	1.37	0.96	47.71	ppb
Silicon	28-1	3988.16	4449.05	3814.21	4083.81	8.03	ppb
Silver	107-1	0.09	0.07	0.10	0.09	12.86	ppb
Silver	109-1	0.11	0.10	0.08	0.10	14.42	ppb
Sodium	23-2	2208.91	2246.93	2199.53	2218.45	1.13	ppb
Strontium	86-1	36.78	35.43	36.45	36.22	1.95	ppb
Strontium	88-1	36.25	35.97	37.11	36.44	1.63	ppb
Sulfur	34-1	-14887.59	-16243.73	-14285.85	-15139.06		ppb
Terbium	159-1				113		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.04	0.05	0.04	29.07	ppb
Thallium	205-1	0.08	0.06	0.08	0.07	16.43	ppb
Tin	118-1	0.52	0.42	0.46	0.46	10.51	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-2L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 14:50:27	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.17	0.03	-0.07	-0.07		ppb
Uranium	238-1	0.01	0.00	0.01	0.01	46.52	ppb
Vanadium	51-2	0.24	0.31	0.25	0.27	15.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				91		%
Zinc	66-2	3.08	3.15	2.96	3.06	3.11	ppb
Zirconium	90-1	0.00	-0.02	-0.01	-0.01		ppb
Zirconium	91-1	0.01	0.02	0.06	0.03	89.54	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-02	Instrumnet Name :	P8
Client Sample ID :	MW-3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:53:29	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.42	7.21	6.38	6.34	14.15	ppb
Antimony	121-1	0.41	0.59	0.53	0.51	17.98	ppb
Arsenic	75-2	0.17	0.10	0.10	0.12	31.74	ppb
Barium	135-1	230.84	235.36	246.83	237.68	3.47	ppb
Barium	137-1	236.78	244.90	251.70	244.46	3.06	ppb
Beryllium	9-1	-0.01	0.00	-0.02	-0.01		ppb
Bismuth	209-1				106		%
Bismuth	209-2				89		%
Boron	10-1	15.46	15.67	17.11	16.08	5.60	ppb
Boron	11-1	20.71	19.41	19.95	20.02	3.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.24	0.31	0.24	27.94	ppb
Cadmium	106-1	-4.64	-3.20	-4.24	-4.03		ppb
Cadmium	108-1	-0.14	0.56	0.83	0.42	121.45	ppb
Calcium	43-1	55170.32	55346.22	57281.81	55932.78	2.09	ppb
Calcium	44-1	58381.80	56649.14	59559.33	58196.76	2.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.19	1.43	1.34	1.32	8.89	ppb
Cobalt	59-2	0.18	0.18	0.16	0.17	7.37	ppb
Copper	63-2	3.78	3.88	4.09	3.92	4.06	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
Holmium	165-1				106		%
Holmium	165-2				90		%
Indium	115-1				100		%
Indium	115-2				85		%
Iron	54-2	46.83	46.13	51.83	48.26	6.45	ppb
Iron	56-2	45.74	44.98	45.88	45.53	1.06	ppb
Iron	57-2	45.05	44.37	53.41	47.61	10.57	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-02	Instrumnet Name :	P8
Client Sample ID :	MW-3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:53:29	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.31	0.29	0.37	0.32	13.59	ppb
Lead	207-1	0.40	0.35	0.48	0.41	16.15	ppb
Lead	208-1	0.35	0.37	0.42	0.38	9.80	ppb
Lithium	6-1				111		%
Magnesium	24-2	22406.69	22109.57	21906.14	22140.80	1.14	ppb
Manganese	55-2	9.78	9.67	8.99	9.48	4.54	ppb
Molybdenum	94-1	0.15	0.16	0.06	0.13	44.54	ppb
Molybdenum	95-1	0.18	0.17	0.24	0.20	19.68	ppb
Molybdenum	96-1	0.21	0.13	0.17	0.17	23.22	ppb
Molybdenum	97-1	0.23	0.21	0.14	0.19	24.98	ppb
Molybdenum	98-1	0.11	0.14	0.18	0.15	21.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.38	14.77	13.81	14.32	3.36	ppb
Phosphorus	31-2	-14.94	-16.01	-0.75	-10.57		ppb
Potassium	39-2	3253.72	3204.42	3225.48	3227.87	0.77	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				106		%
Scandium	45-2				86		%
Selenium	82-1	0.24	3.54	3.70	2.49	78.21	ppb
Selenium	77-2	6.03	8.98	6.00	7.00	24.49	ppb
Selenium	78-2	0.09	2.98	1.12	1.40	104.90	ppb
Silicon	28-1	-1598.17	-1374.62	-1819.07	-1597.29		ppb
Silver	107-1	0.24	0.23	0.26	0.25	6.15	ppb
Silver	109-1	0.23	0.26	0.30	0.26	14.59	ppb
Sodium	23-2	18598.79	18504.01	18521.79	18541.53	0.27	ppb
Strontium	86-1	587.29	569.20	607.30	587.93	3.24	ppb
Strontium	88-1	601.09	594.43	614.01	603.18	1.65	ppb
Sulfur	34-1	-6773.05	-6856.58	-5293.43	-6307.69		ppb
Terbium	159-1				105		%
Terbium	159-2				89		%
Thallium	203-1	0.08	0.07	0.08	0.08	7.72	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	2.84	ppb
Tin	118-1	3.47	4.50	4.87	4.28	16.92	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-02	Instrumnet Name :	P8
Client Sample ID :	MW-3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:53:29	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.21	0.40	0.22	0.28	39.27	ppb
Uranium	238-1	0.01	0.01	0.03	0.02	63.64	ppb
Vanadium	51-2	0.81	0.99	0.89	0.90	10.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				86		%
Zinc	66-2	5.84	5.99	5.38	5.74	5.60	ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	181.58	ppb
Zirconium	91-1	0.07	0.00	0.05	0.04	94.61	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-2MS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:56:33	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8611.64	8762.77	8801.48	8725.30	1.15	ppb
Antimony	121-1	402.67	395.52	387.10	395.10	1.97	ppb
Arsenic	75-2	497.31	499.49	494.77	497.19	0.47	ppb
Barium	135-1	2509.17	2499.02	2426.09	2478.10	1.83	ppb
Barium	137-1	2550.78	2557.64	2530.69	2546.37	0.55	ppb
Beryllium	9-1	328.50	320.06	306.95	318.50	3.41	ppb
Bismuth	209-1				108		%
Bismuth	209-2				89		%
Boron	10-1	395.06	425.79	436.14	418.99	5.10	ppb
Boron	11-1	444.68	477.78	495.07	472.51	5.42	ppb
Bromine	81-1						cps
Cadmium	111-1	458.81	448.69	439.80	449.10	2.12	ppb
Cadmium	106-1	434.84	442.17	438.17	438.40	0.84	ppb
Cadmium	108-1	462.85	438.75	451.74	451.11	2.67	ppb
Calcium	43-1	78080.14	74181.98	74225.90	75496.00	2.96	ppb
Calcium	44-1	78982.44	74370.03	74979.74	76110.74	3.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.21	486.80	489.76	487.92	0.33	ppb
Cobalt	59-2	499.48	510.98	512.81	507.75	1.42	ppb
Copper	63-2	5565.70	5669.53	5767.74	5667.66	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				92		%
Indium	115-1				100		%
Indium	115-2				83		%
Iron	54-2	27448.77	27991.62	27846.48	27762.29	1.01	ppb
Iron	56-2	27533.78	27891.59	27676.34	27700.57	0.65	ppb
Iron	57-2	26796.14	26988.32	27406.08	27063.51	1.15	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-2MS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:56:33	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2545.99	2492.70	2477.81	2505.50	1.43	ppb
Lead	207-1	2542.26	2524.25	2522.13	2529.54	0.44	ppb
Lead	208-1	2553.35	2497.58	2487.52	2512.82	1.41	ppb
Lithium	6-1				108		%
Magnesium	24-2	57311.99	58375.92	59669.85	58452.59	2.02	ppb
Manganese	55-2	7277.54	7355.78	7281.83	7305.05	0.60	ppb
Molybdenum	94-1	2428.95	2399.95	2379.73	2402.87	1.03	ppb
Molybdenum	95-1	2408.82	2425.32	2390.62	2408.25	0.72	ppb
Molybdenum	96-1	2393.75	2401.46	2398.57	2397.93	0.16	ppb
Molybdenum	97-1	2395.54	2348.95	2368.64	2371.04	0.99	ppb
Molybdenum	98-1	2389.53	2349.72	2368.16	2369.13	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.88	511.31	518.11	509.77	1.81	ppb
Phosphorus	31-2	-52.41	26.23	56.79	10.20	552.07	ppb
Potassium	39-2	26091.79	26550.31	26571.56	26404.55	1.03	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				106		%
Scandium	45-2				87		%
Selenium	82-1	480.77	461.41	474.83	472.34	2.10	ppb
Selenium	77-2	389.98	480.06	445.17	438.40	10.36	ppb
Selenium	78-2	453.58	467.42	455.22	458.74	1.65	ppb
Silicon	28-1	-1852.76	-86.00	177.97	-586.93		ppb
Silver	107-1	453.47	443.09	431.37	442.64	2.50	ppb
Silver	109-1	461.31	457.23	445.37	454.64	1.82	ppb
Sodium	23-2	58369.31	60214.06	61583.29	60055.55	2.69	ppb
Strontium	86-1	5032.05	4816.13	5005.22	4951.13	2.38	ppb
Strontium	88-1	5024.49	4762.79	4928.06	4905.11	2.70	ppb
Sulfur	34-1	2344.46	-2452.20	-3117.38	-1075.04		ppb
Terbium	159-1				107		%
Terbium	159-2				91		%
Thallium	203-1	469.95	472.41	472.48	471.61	0.31	ppb
Thallium	205-1	480.39	477.71	471.53	476.55	0.95	ppb
Tin	118-1	490.72	479.98	464.87	478.52	2.71	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-2MS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:56:33	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2475.23	2314.05	2304.95	2364.74	4.05	ppb
Uranium	238-1	485.42	487.47	467.06	479.98	2.34	ppb
Vanadium	51-2	485.82	494.24	493.16	491.07	0.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				86		%
Zinc	66-2	5232.76	5341.48	5392.50	5322.25	1.53	ppb
Zirconium	90-1	480.13	467.45	480.85	476.14	1.58	ppb
Zirconium	91-1	465.21	465.40	473.88	468.16	1.06	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:59:25	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8769.96	8715.89	8996.39	8827.41	1.69	ppb
Antimony	121-1	401.29	389.02	394.68	394.99	1.55	ppb
Arsenic	75-2	502.17	499.17	497.62	499.65	0.46	ppb
Barium	135-1	2502.77	2451.68	2508.43	2487.63	1.26	ppb
Barium	137-1	2561.10	2561.52	2552.93	2558.52	0.19	ppb
Beryllium	9-1	333.19	313.69	318.31	321.73	3.17	ppb
Bismuth	209-1				110		%
Bismuth	209-2				90		%
Boron	10-1	442.27	461.12	492.22	465.20	5.42	ppb
Boron	11-1	492.88	517.45	549.52	519.95	5.46	ppb
Bromine	81-1						cps
Cadmium	111-1	445.93	438.40	456.82	447.05	2.07	ppb
Cadmium	106-1	449.71	433.89	435.78	439.79	1.96	ppb
Cadmium	108-1	447.04	443.14	449.28	446.49	0.70	ppb
Calcium	43-1	75955.14	75004.90	75965.71	75641.92	0.73	ppb
Calcium	44-1	77743.89	76020.03	75818.39	76527.44	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.97	487.51	504.30	492.92	2.00	ppb
Cobalt	59-2	508.13	506.82	518.50	511.15	1.25	ppb
Copper	63-2	5763.71	5701.16	5774.27	5746.38	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				93		%
Indium	115-1				99		%
Indium	115-2				84		%
Iron	54-2	27954.00	27917.48	28340.97	28070.82	0.84	ppb
Iron	56-2	27670.40	28114.15	28137.11	27973.89	0.94	ppb
Iron	57-2	27275.54	27157.27	27820.93	27417.91	1.29	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:59:25	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2477.18	2364.76	2539.20	2460.38	3.59	ppb
Lead	207-1	2491.98	2390.21	2526.57	2469.59	2.87	ppb
Lead	208-1	2474.11	2393.84	2520.73	2462.89	2.61	ppb
Lithium	6-1				107		%
Magnesium	24-2	58941.70	58199.48	59670.78	58937.32	1.25	ppb
Manganese	55-2	7403.97	7475.64	7500.66	7460.09	0.67	ppb
Molybdenum	94-1	2371.53	2333.62	2407.87	2371.01	1.57	ppb
Molybdenum	95-1	2353.13	2342.13	2462.79	2386.02	2.80	ppb
Molybdenum	96-1	2368.23	2311.80	2428.71	2369.58	2.47	ppb
Molybdenum	97-1	2374.34	2314.19	2392.37	2360.30	1.73	ppb
Molybdenum	98-1	2347.42	2347.29	2428.13	2374.28	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.63	508.61	512.37	509.54	0.49	ppb
Phosphorus	31-2	-3.15	-17.49	0.00	-6.88		ppb
Potassium	39-2	26264.81	26721.19	27616.36	26867.45	2.56	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				87		%
Selenium	82-1	452.46	457.85	461.43	457.25	0.99	ppb
Selenium	77-2	418.22	493.33	484.53	465.36	8.82	ppb
Selenium	78-2	432.09	468.75	456.87	452.57	4.13	ppb
Silicon	28-1	-928.19	-423.12	-313.96	-555.09		ppb
Silver	107-1	443.91	436.81	443.34	441.35	0.89	ppb
Silver	109-1	454.78	450.21	448.75	451.25	0.70	ppb
Sodium	23-2	60636.47	60729.22	62297.71	61221.13	1.52	ppb
Strontium	86-1	4924.35	4766.94	5008.61	4899.97	2.50	ppb
Strontium	88-1	4838.08	4765.89	4950.64	4851.54	1.92	ppb
Sulfur	34-1	-981.06	-2836.14	-3661.32	-2492.84		ppb
Terbium	159-1				108		%
Terbium	159-2				91		%
Thallium	203-1	463.24	444.66	471.22	459.71	2.97	ppb
Thallium	205-1	462.23	445.02	472.43	459.89	3.01	ppb
Tin	118-1	486.40	472.83	475.17	478.14	1.52	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:59:25	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2336.15	2315.32	2337.54	2329.67	0.53	ppb
Uranium	238-1	478.27	459.29	477.34	471.63	2.27	ppb
Vanadium	51-2	488.70	491.76	506.44	495.63	1.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				86		%
Zinc	66-2	5284.49	5313.52	5495.76	5364.59	2.13	ppb
Zirconium	90-1	468.17	466.95	483.84	472.99	1.99	ppb
Zirconium	91-1	466.40	465.02	471.22	467.55	0.70	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01A	Instrumnet Name :	P8
Client Sample ID :	MW-2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:02:19	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8851.57	8778.82	8599.86	8743.42	1.48	ppb
Antimony	121-1	384.42	394.09	403.86	394.12	2.47	ppb
Arsenic	75-2	513.72	507.94	496.25	505.97	1.76	ppb
Barium	135-1	2464.49	2510.68	2523.03	2499.40	1.23	ppb
Barium	137-1	2563.06	2547.17	2583.37	2564.53	0.71	ppb
Beryllium	9-1	341.29	334.90	320.51	332.23	3.20	ppb
Bismuth	209-1				113		%
Bismuth	209-2				89		%
Boron	10-1	467.12	492.33	508.29	489.24	4.24	ppb
Boron	11-1	517.59	558.80	571.73	549.37	5.15	ppb
Bromine	81-1						cps
Cadmium	111-1	447.48	453.77	455.46	452.24	0.93	ppb
Cadmium	106-1	447.03	438.87	447.02	444.31	1.06	ppb
Cadmium	108-1	428.14	461.64	444.77	444.85	3.77	ppb
Calcium	43-1	73243.61	76128.58	73600.01	74324.07	2.12	ppb
Calcium	44-1	75154.04	76120.52	76443.70	75906.09	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.51	490.10	476.72	486.11	1.68	ppb
Cobalt	59-2	516.27	505.73	501.74	507.91	1.48	ppb
Copper	63-2	5749.67	5625.88	5612.95	5662.83	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				91		%
Indium	115-1				100		%
Indium	115-2				82		%
Iron	54-2	28381.42	27853.62	27652.46	27962.50	1.35	ppb
Iron	56-2	27995.02	27204.29	27130.66	27443.32	1.75	ppb
Iron	57-2	27470.30	26904.14	26609.34	26994.59	1.62	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01A	Instrumnet Name :	P8
Client Sample ID :	MW-2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:02:19	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2437.01	2378.53	2410.01	2408.52	1.22	ppb
Lead	207-1	2395.73	2417.92	2425.68	2413.11	0.64	ppb
Lead	208-1	2404.76	2403.67	2411.45	2406.63	0.17	ppb
Lithium	6-1				105		%
Magnesium	24-2	59050.64	59656.37	57630.43	58779.15	1.77	ppb
Manganese	55-2	7426.11	7366.39	7319.42	7370.64	0.73	ppb
Molybdenum	94-1	2318.03	2348.26	2455.48	2373.92	3.04	ppb
Molybdenum	95-1	2349.93	2337.15	2459.48	2382.19	2.82	ppb
Molybdenum	96-1	2347.30	2369.26	2505.69	2407.42	3.56	ppb
Molybdenum	97-1	2329.33	2327.25	2475.41	2377.33	3.57	ppb
Molybdenum	98-1	2330.05	2346.36	2439.19	2371.86	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.80	510.26	503.15	508.74	0.98	ppb
Phosphorus	31-2	41.28	-9.52	10.52	14.09	181.58	ppb
Potassium	39-2	26795.38	26514.75	25872.53	26394.22	1.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				91		%
Scandium	45-1				108		%
Scandium	45-2				87		%
Selenium	82-1	449.99	459.72	474.37	461.36	2.66	ppb
Selenium	77-2	444.12	441.92	457.42	447.82	1.87	ppb
Selenium	78-2	446.89	439.79	443.92	443.53	0.80	ppb
Silicon	28-1	-130.22	-448.39	200.79	-125.94		ppb
Silver	107-1	433.54	446.01	451.50	443.68	2.07	ppb
Silver	109-1	448.36	447.54	453.27	449.72	0.69	ppb
Sodium	23-2	60000.46	59867.69	58579.96	59482.70	1.32	ppb
Strontium	86-1	4792.57	4886.02	4848.68	4842.42	0.97	ppb
Strontium	88-1	4773.98	4814.09	4877.38	4821.82	1.08	ppb
Sulfur	34-1	-4734.80	-3797.78	-4694.35	-4408.98		ppb
Terbium	159-1				108		%
Terbium	159-2				90		%
Thallium	203-1	460.00	448.52	460.27	456.26	1.47	ppb
Thallium	205-1	459.42	459.36	461.57	460.11	0.27	ppb
Tin	118-1	464.99	473.26	476.98	471.74	1.30	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01A	Instrumnet Name :	P8
Client Sample ID :	MW-2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:02:19	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2275.24	2324.12	2272.16	2290.51	1.27	ppb
Uranium	238-1	466.54	459.20	466.61	464.12	0.92	ppb
Vanadium	51-2	495.90	493.83	479.47	489.73	1.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				85		%
Zinc	66-2	5416.40	5321.50	5203.92	5313.94	2.00	ppb
Zirconium	90-1	463.86	464.28	483.58	470.58	2.39	ppb
Zirconium	91-1	450.53	456.21	477.44	461.39	3.07	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:12:14	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46426.91	46874.67	46500.80	46600.79	0.52	ppb
Antimony	121-1	460.64	459.54	456.03	458.73	0.52	ppb
Arsenic	75-2	502.40	504.07	511.30	505.92	0.94	ppb
Barium	135-1	2491.09	2487.61	2456.96	2478.55	0.76	ppb
Barium	137-1	2555.48	2593.14	2483.91	2544.18	2.18	ppb
Beryllium	9-1	482.13	469.36	471.71	474.40	1.43	ppb
Bismuth	209-1				117		%
Bismuth	209-2				97		%
Boron	10-1	476.99	505.16	540.29	507.48	6.25	ppb
Boron	11-1	517.09	539.00	562.52	539.53	4.21	ppb
Bromine	81-1						cps
Cadmium	111-1	478.33	472.56	475.44	475.44	0.61	ppb
Cadmium	106-1	483.50	478.26	461.02	474.26	2.48	ppb
Cadmium	108-1	479.50	480.57	458.10	472.73	2.68	ppb
Calcium	43-1	261195.13	250048.78	251152.37	254132.10	2.42	ppb
Calcium	44-1	264640.14	252231.94	253294.60	256722.23	2.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.37	510.38	515.47	512.74	0.50	ppb
Cobalt	59-2	514.25	509.31	508.66	510.74	0.60	ppb
Copper	63-2	5153.83	5152.93	5209.00	5171.92	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				90		%
Iron	54-2	127453.39	128122.26	127738.63	127771.43	0.26	ppb
Iron	56-2	123702.40	126846.61	123930.85	124826.62	1.40	ppb
Iron	57-2	126006.14	126859.19	126551.78	126472.37	0.34	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:12:14	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2601.64	2504.47	2517.45	2541.19	2.08	ppb
Lead	207-1	2549.79	2500.69	2433.38	2494.62	2.34	ppb
Lead	208-1	2542.89	2482.29	2460.76	2495.32	1.71	ppb
Lithium	6-1				96		%
Magnesium	24-2	253674.60	250517.97	254882.31	253024.96	0.89	ppb
Manganese	55-2	4974.73	4953.25	5034.57	4987.52	0.84	ppb
Molybdenum	94-1	2518.77	2512.49	2514.03	2515.10	0.13	ppb
Molybdenum	95-1	2507.79	2508.79	2537.05	2517.88	0.66	ppb
Molybdenum	96-1	2548.25	2518.45	2581.16	2549.29	1.23	ppb
Molybdenum	97-1	2537.10	2456.38	2541.15	2511.54	1.90	ppb
Molybdenum	98-1	2508.17	2490.78	2510.05	2503.00	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.70	511.13	510.84	508.89	0.71	ppb
Phosphorus	31-2	9396.83	9773.98	9592.08	9587.63	1.97	ppb
Potassium	39-2	122534.60	122221.72	122026.48	122260.93	0.21	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				110		%
Scandium	45-2				92		%
Selenium	82-1	492.75	484.92	481.58	486.41	1.18	ppb
Selenium	77-2	463.58	463.67	470.14	465.80	0.81	ppb
Selenium	78-2	489.35	481.47	495.86	488.89	1.47	ppb
Silicon	28-1	3207.47	4596.23	4507.93	4103.88	18.95	ppb
Silver	107-1	469.80	469.40	460.28	466.49	1.15	ppb
Silver	109-1	475.05	479.25	470.47	474.92	0.93	ppb
Sodium	23-2	261708.19	259042.73	261846.97	260865.96	0.61	ppb
Strontium	86-1	5093.40	5125.41	5085.86	5101.56	0.41	ppb
Strontium	88-1	5099.63	5084.11	5027.67	5070.47	0.75	ppb
Sulfur	34-1	2325.28	-1572.12	-1832.25	-359.69		ppb
Terbium	159-1				114		%
Terbium	159-2				98		%
Thallium	203-1	486.34	484.50	475.29	482.04	1.23	ppb
Thallium	205-1	504.45	494.53	493.55	497.51	1.21	ppb
Tin	118-1	490.15	495.76	484.42	490.11	1.16	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:12:14	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2580.42	2401.41	2420.24	2467.36	3.99	ppb
Uranium	238-1	511.41	503.35	497.96	504.24	1.34	ppb
Vanadium	51-2	519.93	511.78	515.95	515.89	0.79	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	4922.01	4931.99	4939.48	4931.16	0.18	ppb
Zirconium	90-1	508.97	512.43	504.39	508.60	0.79	ppb
Zirconium	91-1	498.01	504.42	498.83	500.42	0.70	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:26:26	DataFile Name :	029LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.04	18.77	21.70	20.84	8.62	ppb
Antimony	121-1	1.92	1.98	1.92	1.94	1.92	ppb
Arsenic	75-2	1.04	0.85	1.02	0.97	10.69	ppb
Barium	135-1	9.22	9.86	9.63	9.57	3.41	ppb
Barium	137-1	10.11	10.61	10.28	10.33	2.49	ppb
Beryllium	9-1	0.93	1.08	0.95	0.98	8.08	ppb
Bismuth	209-1				118		%
Bismuth	209-2				98		%
Boron	10-1	30.91	33.76	37.52	34.06	9.74	ppb
Boron	11-1	32.56	34.22	36.97	34.58	6.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.91	0.83	0.88	0.87	4.81	ppb
Cadmium	106-1	-4.33	-1.73	-0.89	-2.32		ppb
Cadmium	108-1	1.05	1.37	0.70	1.04	31.89	ppb
Calcium	43-1	472.11	468.61	461.53	467.42	1.15	ppb
Calcium	44-1	497.33	471.65	497.77	488.91	3.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	1.98	2.22	2.12	5.84	ppb
Cobalt	59-2	0.94	1.04	1.12	1.03	9.00	ppb
Copper	63-2	2.09	2.17	2.27	2.18	4.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				97		%
Indium	115-1				108		%
Indium	115-2				93		%
Iron	54-2	62.76	60.74	59.03	60.84	3.07	ppb
Iron	56-2	52.73	53.61	52.92	53.09	0.87	ppb
Iron	57-2	47.57	46.40	51.52	48.49	5.53	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:26:26	DataFile Name :	029LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.00	1.14	1.14	1.09	7.09	ppb
Lead	207-1	1.09	1.07	1.03	1.07	2.83	ppb
Lead	208-1	1.08	1.09	1.11	1.09	1.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	530.78	534.77	511.29	525.61	2.39	ppb
Manganese	55-2	1.17	1.01	1.26	1.15	10.89	ppb
Molybdenum	94-1	4.80	4.62	5.01	4.81	4.04	ppb
Molybdenum	95-1	4.79	4.89	4.70	4.79	1.94	ppb
Molybdenum	96-1	5.05	4.85	4.75	4.88	3.08	ppb
Molybdenum	97-1	4.92	4.79	4.97	4.90	1.87	ppb
Molybdenum	98-1	5.17	4.79	4.92	4.96	3.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.25	1.12	0.99	1.12	11.55	ppb
Phosphorus	31-2	6.28	5.82	0.76	4.29	71.49	ppb
Potassium	39-2	453.56	429.15	425.38	436.03	3.51	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				108		%
Scandium	45-2				91		%
Selenium	82-1	7.20	6.22	9.77	7.73	23.72	ppb
Selenium	77-2	8.39	11.00	8.44	9.28	16.09	ppb
Selenium	78-2	3.57	5.86	6.41	5.28	28.46	ppb
Silicon	28-1	3164.02	3681.28	3546.81	3464.04	7.75	ppb
Silver	107-1	0.83	0.97	0.92	0.91	7.83	ppb
Silver	109-1	0.87	0.84	0.98	0.90	8.06	ppb
Sodium	23-2	564.76	556.22	561.82	560.93	0.77	ppb
Strontium	86-1	0.95	0.79	0.40	0.71	39.85	ppb
Strontium	88-1	1.06	1.11	1.07	1.08	2.44	ppb
Sulfur	34-1	-9374.25	-11076.08	-10690.60	-10380.31		ppb
Terbium	159-1				112		%
Terbium	159-2				96		%
Thallium	203-1	1.05	1.28	0.93	1.09	16.10	ppb
Thallium	205-1	1.00	1.03	0.99	1.00	1.96	ppb
Tin	118-1	4.99	5.14	5.23	5.12	2.32	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:26:26	DataFile Name :	029LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.26	4.93	4.49	4.56	7.48	ppb
Uranium	238-1	0.90	0.93	0.89	0.91	2.22	ppb
Vanadium	51-2	4.97	5.24	5.32	5.18	3.52	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	2.22	1.77	2.03	2.01	11.22	ppb
Zirconium	90-1	1.09	1.12	0.96	1.05	8.02	ppb
Zirconium	91-1	1.13	0.88	1.10	1.04	12.81	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:30:14	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	0.63	0.46	0.31	134.08	ppb
Antimony	121-1	0.02	0.04	0.03	0.03	36.58	ppb
Arsenic	75-2	-0.02	-0.05	0.02	-0.02		ppb
Barium	135-1	0.10	-0.02	-0.02	0.02	354.02	ppb
Barium	137-1	0.03	0.03	0.03	0.03	14.93	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	54.82	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	10-1	13.07	13.18	11.73	12.66	6.36	ppb
Boron	11-1	15.38	14.25	13.75	14.46	5.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.01	0.03	0.01	205.92	ppb
Cadmium	106-1	-2.07	-3.06	-0.49	-1.87		ppb
Cadmium	108-1	-0.01	-0.15	-0.05	-0.07		ppb
Calcium	43-1	-22.21	-19.29	-26.62	-22.71		ppb
Calcium	44-1	39.26	7.22	1.30	15.93	128.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.10	0.16	0.09	75.56	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.10	0.07	0.05	0.07	32.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	1.05	1.54	0.03	0.87	87.97	ppb
Iron	56-2	0.63	0.37	0.66	0.55	28.93	ppb
Iron	57-2	-2.54	-5.85	-2.10	-3.50		ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:30:14	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.14	0.14	0.14	2.85	ppb
Lead	207-1	0.16	0.11	0.12	0.13	22.38	ppb
Lead	208-1	0.15	0.14	0.15	0.15	4.91	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.42	3.26	-0.75	1.31	153.20	ppb
Manganese	55-2	0.09	0.10	-0.05	0.05	181.06	ppb
Molybdenum	94-1	0.03	-0.04	-0.06	-0.02		ppb
Molybdenum	95-1	0.04	0.02	0.01	0.02	74.56	ppb
Molybdenum	96-1	0.07	0.01	0.03	0.04	77.88	ppb
Molybdenum	97-1	0.05	0.03	0.00	0.03	80.16	ppb
Molybdenum	98-1	0.05	0.03	0.03	0.03	40.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.03	0.01	117.13	ppb
Phosphorus	31-2	-0.77	57.65	-37.09	6.60	724.74	ppb
Potassium	39-2	-55.38	-72.14	-96.92	-74.81		ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				93		%
Selenium	82-1	2.92	0.85	2.46	2.08	52.26	ppb
Selenium	77-2	0.00	5.54	2.64	2.72	101.64	ppb
Selenium	78-2	2.24	2.48	-1.95	0.92	269.54	ppb
Silicon	28-1	1843.21	3041.96	3047.16	2644.11	26.23	ppb
Silver	107-1	0.02	0.03	0.02	0.03	30.67	ppb
Silver	109-1	0.04	0.03	0.03	0.03	16.37	ppb
Sodium	23-2	18.39	23.37	15.03	18.93	22.19	ppb
Strontium	86-1	0.21	-0.32	-0.57	-0.23		ppb
Strontium	88-1	0.06	0.03	0.04	0.04	35.44	ppb
Sulfur	34-1	-5833.45	-9268.47	-9044.39	-8048.77		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.02	0.01	0.03	80.42	ppb
Thallium	205-1	0.05	0.03	0.07	0.05	35.46	ppb
Tin	118-1	-0.05	-0.04	-0.06	-0.05		ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:30:14	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.41	-0.66	-0.40	-0.49		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	82.30	ppb
Vanadium	51-2	0.00	0.03	0.01	0.01	117.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	-0.56	-0.56	-0.34	-0.49		ppb
Zirconium	90-1	0.01	-0.01	-0.01	0.00		ppb
Zirconium	91-1	0.06	0.01	0.02	0.03	97.46	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-03	Instrumnet Name :	P8
Client Sample ID :	MW-102	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:33:19	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.44	7.03	7.63	6.70	16.86	ppb
Antimony	121-1	0.95	1.06	1.09	1.04	7.11	ppb
Arsenic	75-2	0.22	0.23	0.19	0.21	10.72	ppb
Barium	135-1	84.05	86.69	86.03	85.59	1.61	ppb
Barium	137-1	85.60	83.27	85.93	84.93	1.71	ppb
Beryllium	9-1	0.01	0.01	-0.02	0.00		ppb
Bismuth	209-1				117		%
Bismuth	209-2				91		%
Boron	10-1	11.12	11.56	10.57	11.08	4.47	ppb
Boron	11-1	13.63	12.35	11.81	12.60	7.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.30	0.25	0.26	13.88	ppb
Cadmium	106-1	-6.92	-3.71	-0.99	-3.88		ppb
Cadmium	108-1	1.74	0.20	0.21	0.72	123.96	ppb
Calcium	43-1	10934.45	11284.23	11079.54	11099.41	1.58	ppb
Calcium	44-1	11242.01	11369.80	11299.21	11303.67	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.85	1.48	1.75	13.42	ppb
Cobalt	59-2	0.09	0.13	0.07	0.10	32.80	ppb
Copper	63-2	4.84	4.93	4.83	4.86	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				88		%
Indium	115-1				101		%
Indium	115-2				83		%
Iron	54-2	10.71	10.69	7.27	9.56	20.70	ppb
Iron	56-2	5.83	6.04	5.82	5.90	2.14	ppb
Iron	57-2	4.46	5.12	-6.73	0.95	699.67	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-03	Instrumnet Name :	P8
Client Sample ID :	MW-102	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:33:19	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.68	0.72	0.61	0.67	8.52	ppb
Lead	207-1	0.74	0.67	0.52	0.65	17.53	ppb
Lead	208-1	0.73	0.72	0.57	0.67	13.48	ppb
Lithium	6-1				116		%
Magnesium	24-2	4110.26	3961.60	3890.70	3987.52	2.81	ppb
Manganese	55-2	0.74	0.94	0.85	0.84	12.17	ppb
Molybdenum	94-1	0.16	0.11	0.14	0.14	20.55	ppb
Molybdenum	95-1	0.14	0.15	0.12	0.14	10.00	ppb
Molybdenum	96-1	0.05	0.14	0.12	0.11	44.69	ppb
Molybdenum	97-1	0.09	0.13	0.11	0.11	18.47	ppb
Molybdenum	98-1	0.09	0.11	0.12	0.11	13.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.03	4.99	4.56	4.86	5.40	ppb
Phosphorus	31-2	41.74	97.31	70.27	69.77	39.83	ppb
Potassium	39-2	2401.66	2313.64	2224.45	2313.25	3.83	ppb
Rhodium	103-1				97		%
Rhodium	103-2				90		%
Scandium	45-1				103		%
Scandium	45-2				83		%
Selenium	82-1	-1.49	1.56	1.12	0.40	414.56	ppb
Selenium	77-2	6.35	9.21	3.06	6.21	49.55	ppb
Selenium	78-2	1.88	-1.69	0.76	0.32	579.34	ppb
Silicon	28-1	-2383.75	-1381.28	-473.10	-1412.71		ppb
Silver	107-1	0.24	0.22	0.26	0.24	8.34	ppb
Silver	109-1	0.30	0.23	0.25	0.26	12.67	ppb
Sodium	23-2	4861.48	4747.95	4564.44	4724.62	3.17	ppb
Strontium	86-1	179.36	183.36	176.06	179.59	2.04	ppb
Strontium	88-1	179.00	183.37	178.35	180.24	1.52	ppb
Sulfur	34-1	-2942.98	-4732.42	-8060.43	-5245.28		ppb
Terbium	159-1				106		%
Terbium	159-2				88		%
Thallium	203-1	0.56	0.62	0.62	0.60	5.23	ppb
Thallium	205-1	0.47	0.62	0.57	0.55	13.98	ppb
Tin	118-1	3.63	4.62	5.72	4.66	22.48	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-03	Instrumnet Name :	P8
Client Sample ID :	MW-102	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:33:19	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.36	0.14	0.12	0.20	64.28	ppb
Uranium	238-1	0.01	0.02	0.00	0.01	77.22	ppb
Vanadium	51-2	0.96	1.07	1.16	1.06	9.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				83		%
Zinc	66-2	4.82	4.88	4.44	4.71	4.99	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	85.72	ppb
Zirconium	91-1	-0.03	0.04	0.04	0.01	270.04	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-04	Instrumnet Name :	P8
Client Sample ID :	MW-103	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:36:22	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.73	6.76	7.89	7.13	9.26	ppb
Antimony	121-1	0.97	0.88	0.93	0.93	4.89	ppb
Arsenic	75-2	1.40	1.21	1.39	1.33	7.79	ppb
Barium	135-1	421.13	417.45	416.04	418.21	0.63	ppb
Barium	137-1	430.00	422.76	428.56	427.11	0.90	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	98.59	ppb
Bismuth	209-1				113		%
Bismuth	209-2				90		%
Boron	10-1	11.15	9.72	9.01	9.96	10.96	ppb
Boron	11-1	11.64	11.38	11.30	11.44	1.51	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.04	-0.07	-0.04		ppb
Cadmium	106-1	-6.23	-6.58	-5.37	-6.06		ppb
Cadmium	108-1	-0.14	-0.15	-0.26	-0.18		ppb
Calcium	43-1	86696.12	90651.36	89271.67	88873.05	2.26	ppb
Calcium	44-1	89824.74	93821.69	91874.60	91840.34	2.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.67	1.05	0.77	0.83	23.77	ppb
Cobalt	59-2	8.96	9.45	9.38	9.26	2.90	ppb
Copper	63-2	2.80	3.08	3.02	2.97	4.95	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
Holmium	165-1				108		%
Holmium	165-2				90		%
Indium	115-1				100		%
Indium	115-2				83		%
Iron	54-2	23528.51	24598.71	24509.95	24212.39	2.45	ppb
Iron	56-2	23384.08	24976.94	24715.18	24358.73	3.51	ppb
Iron	57-2	23026.54	24320.55	24175.24	23840.78	2.97	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-04	Instrumnet Name :	P8
Client Sample ID :	MW-103	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:36:22	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.16	0.27	0.23	24.80	ppb
Lead	207-1	0.29	0.29	0.26	0.28	4.81	ppb
Lead	208-1	0.28	0.24	0.28	0.27	8.60	ppb
Lithium	6-1				109		%
Magnesium	24-2	36139.74	37757.66	37081.83	36993.08	2.20	ppb
Manganese	55-2	8480.82	8660.72	8621.31	8587.62	1.10	ppb
Molybdenum	94-1	1.03	0.73	0.99	0.92	18.09	ppb
Molybdenum	95-1	1.34	1.42	1.22	1.33	7.78	ppb
Molybdenum	96-1	1.12	1.15	1.25	1.17	5.99	ppb
Molybdenum	97-1	1.19	1.21	1.31	1.24	5.26	ppb
Molybdenum	98-1	1.26	1.23	1.29	1.26	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	1.24	0.96	1.05	16.01	ppb
Phosphorus	31-2	278.49	367.01	271.71	305.74	17.39	ppb
Potassium	39-2	3249.87	3423.28	3376.76	3349.97	2.68	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				105		%
Scandium	45-2				84		%
Selenium	82-1	-1.19	-3.06	0.28	-1.32		ppb
Selenium	77-2	8.81	6.19	3.09	6.03	47.51	ppb
Selenium	78-2	2.80	0.55	2.21	1.85	62.77	ppb
Silicon	28-1	-4819.73	-5236.33	-4587.31	-4881.12		ppb
Silver	107-1	0.16	0.17	0.17	0.17	2.41	ppb
Silver	109-1	0.19	0.19	0.17	0.19	5.39	ppb
Sodium	23-2	16304.33	17377.36	16852.32	16844.67	3.19	ppb
Strontium	86-1	542.56	577.46	570.88	563.63	3.29	ppb
Strontium	88-1	554.76	580.39	577.79	570.98	2.47	ppb
Sulfur	34-1	-13700.56	-12993.49	-13287.10	-13327.05		ppb
Terbium	159-1				106		%
Terbium	159-2				89		%
Thallium	203-1	0.14	0.11	0.12	0.13	9.70	ppb
Thallium	205-1	0.12	0.17	0.14	0.14	18.93	ppb
Tin	118-1	3.49	4.21	4.86	4.19	16.27	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-04	Instrumnet Name :	P8
Client Sample ID :	MW-103	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:36:22	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.45	0.31	0.53	0.43	26.00	ppb
Uranium	238-1	0.10	0.11	0.11	0.10	4.73	ppb
Vanadium	51-2	0.96	1.06	1.00	1.01	4.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				85		%
Zinc	66-2	2.15	2.69	2.75	2.53	13.07	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	56.73	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	717.80	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-05	Instrumnet Name :	P8
Client Sample ID :	MW-104	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:39:23	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.67	4.76	3.24	4.56	26.87	ppb
Antimony	121-1	0.77	0.92	0.96	0.88	11.32	ppb
Arsenic	75-2	0.17	0.13	0.18	0.16	18.38	ppb
Barium	135-1	93.33	94.14	92.62	93.36	0.82	ppb
Barium	137-1	96.78	101.28	95.44	97.83	3.13	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				115		%
Bismuth	209-2				88		%
Boron	10-1	14.09	13.93	13.73	13.92	1.33	ppb
Boron	11-1	14.73	14.77	15.00	14.83	0.98	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.08	0.00	-0.03		ppb
Cadmium	106-1	-1.27	-5.41	-3.33	-3.33		ppb
Cadmium	108-1	0.45	0.55	-0.04	0.32	98.80	ppb
Calcium	43-1	21487.94	21395.34	21906.38	21596.55	1.26	ppb
Calcium	44-1	22716.45	22199.38	22599.76	22505.20	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.12	0.89	0.86	0.96	15.11	ppb
Cobalt	59-2	0.02	0.05	0.05	0.04	39.21	ppb
Copper	63-2	3.91	3.43	3.22	3.52	10.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				88		%
Indium	115-1				101		%
Indium	115-2				81		%
Iron	54-2	5.12	8.29	5.74	6.38	26.30	ppb
Iron	56-2	5.12	4.73	4.54	4.80	6.20	ppb
Iron	57-2	7.26	6.96	-3.62	3.53	175.54	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-05	Instrumnet Name :	P8
Client Sample ID :	MW-104	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:39:23	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.17	0.18	0.23	0.19	16.66	ppb
Lead	207-1	0.16	0.21	0.14	0.17	23.26	ppb
Lead	208-1	0.18	0.18	0.18	0.18	0.91	ppb
Lithium	6-1				102		%
Magnesium	24-2	9263.97	8641.50	8118.91	8674.79	6.61	ppb
Manganese	55-2	4.22	3.74	3.52	3.82	9.34	ppb
Molybdenum	94-1	0.04	0.05	0.17	0.09	83.89	ppb
Molybdenum	95-1	0.08	0.15	0.08	0.10	39.79	ppb
Molybdenum	96-1	0.07	0.09	0.09	0.08	13.17	ppb
Molybdenum	97-1	0.08	0.18	0.11	0.12	39.42	ppb
Molybdenum	98-1	0.12	0.15	0.09	0.12	26.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.53	1.48	1.12	1.38	16.28	ppb
Phosphorus	31-2	35.30	60.13	-56.92	12.84	480.49	ppb
Potassium	39-2	2118.15	1974.12	1772.40	1954.89	8.88	ppb
Rhodium	103-1				97		%
Rhodium	103-2				87		%
Scandium	45-1				107		%
Scandium	45-2				80		%
Selenium	82-1	-4.02	3.84	4.35	1.39	338.39	ppb
Selenium	77-2	0.00	9.57	6.04	5.20	93.01	ppb
Selenium	78-2	1.52	1.64	0.64	1.27	42.96	ppb
Silicon	28-1	-142.00	660.40	591.34	369.92	120.21	ppb
Silver	107-1	0.06	0.13	0.06	0.08	51.63	ppb
Silver	109-1	0.07	0.09	0.15	0.10	38.17	ppb
Sodium	23-2	9307.09	8713.75	8289.52	8770.12	5.83	ppb
Strontium	86-1	180.60	192.01	181.95	184.85	3.37	ppb
Strontium	88-1	183.40	188.43	187.44	186.42	1.43	ppb
Sulfur	34-1	-553.76	-3328.73	-2823.85	-2235.44		ppb
Terbium	159-1				107		%
Terbium	159-2				86		%
Thallium	203-1	0.07	0.08	0.04	0.06	31.02	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	1.81	ppb
Tin	118-1	3.63	4.09	3.89	3.87	5.88	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-05	Instrumnet Name :	P8
Client Sample ID :	MW-104	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:39:23	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.28	0.50	-0.07	0.05	757.80	ppb
Uranium	238-1	0.00	0.01	0.02	0.01	69.03	ppb
Vanadium	51-2	0.93	0.91	0.66	0.83	17.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				81		%
Zinc	66-2	5.16	5.19	4.66	5.01	5.92	ppb
Zirconium	90-1	-0.02	0.04	0.03	0.02	185.25	ppb
Zirconium	91-1	-0.01	0.06	0.06	0.04	112.33	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-06	Instrumnet Name :	P8
Client Sample ID :	MW-804	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:42:25	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.66	4.64	5.17	5.16	9.89	ppb
Antimony	121-1	0.86	0.82	0.94	0.87	7.03	ppb
Arsenic	75-2	0.68	0.72	0.70	0.70	2.98	ppb
Barium	135-1	750.40	735.35	756.09	747.28	1.43	ppb
Barium	137-1	772.42	741.72	783.46	765.87	2.82	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	29.92	ppb
Bismuth	209-1				113		%
Bismuth	209-2				92		%
Boron	10-1	11.40	11.51	10.96	11.29	2.56	ppb
Boron	11-1	14.15	13.94	14.60	14.23	2.40	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.11	-0.06	-0.07		ppb
Cadmium	106-1	-4.47	-5.96	-4.70	-5.04		ppb
Cadmium	108-1	0.09	-0.16	0.07	0.00		ppb
Calcium	43-1	57770.55	58873.16	58180.19	58274.63	0.96	ppb
Calcium	44-1	60706.19	61173.76	59985.17	60621.71	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.07	1.51	1.29	1.29	17.01	ppb
Cobalt	59-2	3.26	3.36	3.31	3.31	1.49	ppb
Copper	63-2	2.85	2.82	2.97	2.88	2.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				91		%
Indium	115-1				100		%
Indium	115-2				83		%
Iron	54-2	12505.12	12430.34	12314.30	12416.59	0.77	ppb
Iron	56-2	12792.40	12519.43	12390.18	12567.34	1.63	ppb
Iron	57-2	12494.93	12248.18	12097.85	12280.32	1.63	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-06	Instrumnet Name :	P8
Client Sample ID :	MW-804	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:42:25	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.17	0.20	0.22	0.19	13.66	ppb
Lead	207-1	0.18	0.10	0.13	0.14	28.30	ppb
Lead	208-1	0.19	0.17	0.18	0.18	5.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	26116.44	25768.05	24848.97	25577.82	2.56	ppb
Manganese	55-2	6522.45	6202.60	6327.04	6350.70	2.54	ppb
Molybdenum	94-1	1.22	1.35	0.94	1.17	17.86	ppb
Molybdenum	95-1	1.57	1.84	1.83	1.75	8.86	ppb
Molybdenum	96-1	1.68	1.63	1.71	1.67	2.18	ppb
Molybdenum	97-1	1.57	1.61	1.68	1.62	3.43	ppb
Molybdenum	98-1	1.64	1.82	1.72	1.73	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.45	7.71	8.22	8.13	4.71	ppb
Phosphorus	31-2	46.19	51.72	-28.95	22.99	196.03	ppb
Potassium	39-2	6049.28	5977.76	5928.78	5985.27	1.01	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				107		%
Scandium	45-2				84		%
Selenium	82-1	-0.30	-0.15	0.00	-0.15		ppb
Selenium	77-2	9.42	9.10	3.00	7.18	50.44	ppb
Selenium	78-2	-2.41	0.68	-0.20	-0.64		ppb
Silicon	28-1	-1896.99	-1401.13	-897.52	-1398.55		ppb
Silver	107-1	0.11	0.07	0.11	0.10	24.81	ppb
Silver	109-1	0.11	0.12	0.05	0.09	38.95	ppb
Sodium	23-2	16984.81	16692.21	16496.49	16724.50	1.47	ppb
Strontium	86-1	513.70	524.97	525.45	521.37	1.28	ppb
Strontium	88-1	523.57	535.25	530.44	529.75	1.11	ppb
Sulfur	34-1	-15292.71	-16153.25	-16633.11	-16026.36		ppb
Terbium	159-1				109		%
Terbium	159-2				91		%
Thallium	203-1	0.02	0.04	0.04	0.03	31.22	ppb
Thallium	205-1	0.07	0.06	0.03	0.05	44.97	ppb
Tin	118-1	2.99	3.25	3.46	3.23	7.33	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-06	Instrumnet Name :	P8
Client Sample ID :	MW-804	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:42:25	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.49	0.23	-0.12	0.20	154.19	ppb
Uranium	238-1	0.12	0.11	0.12	0.11	3.53	ppb
Vanadium	51-2	0.82	0.83	0.81	0.82	1.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				84		%
Zinc	66-2	2.53	2.28	1.77	2.19	17.54	ppb
Zirconium	90-1	-0.01	0.05	-0.01	0.01	276.92	ppb
Zirconium	91-1	0.01	0.06	-0.02	0.02	249.04	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01	Instrumnet Name :	P8
Client Sample ID :	MW-2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:45:27	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.04	12.63	11.21	11.29	11.49	ppb
Antimony	121-1	0.91	0.99	1.13	1.01	10.98	ppb
Arsenic	75-2	0.67	0.60	0.60	0.63	6.71	ppb
Barium	135-1	76.20	79.98	80.68	78.95	3.06	ppb
Barium	137-1	79.41	80.54	80.46	80.13	0.79	ppb
Beryllium	9-1	-0.01	-0.01	0.01	0.00		ppb
Bismuth	209-1				116		%
Bismuth	209-2				91		%
Boron	10-1	95.85	110.61	122.78	109.75	12.29	ppb
Boron	11-1	114.46	125.61	137.86	125.97	9.29	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.26	0.31	0.29	8.56	ppb
Cadmium	106-1	-3.34	-4.25	-3.89	-3.83		ppb
Cadmium	108-1	0.18	0.28	0.17	0.21	29.14	ppb
Calcium	43-1	26298.00	27602.68	28455.92	27452.20	3.96	ppb
Calcium	44-1	27937.44	28644.20	29127.11	28569.58	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.50	0.52	0.66	0.56	15.33	ppb
Cobalt	59-2	10.98	11.36	10.83	11.06	2.50	ppb
Copper	63-2	5.78	5.77	5.97	5.84	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				91		%
Indium	115-1				104		%
Indium	115-2				83		%
Iron	54-2	3183.34	3111.43	3105.73	3133.50	1.38	ppb
Iron	56-2	3219.54	3140.46	3196.05	3185.35	1.27	ppb
Iron	57-2	3125.34	3141.80	3087.33	3118.16	0.90	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01	Instrumnet Name :	P8
Client Sample ID :	MW-2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:45:27	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.19	0.24	0.18	0.20	14.89	ppb
Lead	207-1	0.19	0.20	0.12	0.17	27.03	ppb
Lead	208-1	0.18	0.21	0.17	0.19	12.12	ppb
Lithium	6-1				96		%
Magnesium	24-2	10884.67	10977.75	10998.60	10953.67	0.55	ppb
Manganese	55-2	2275.52	2282.24	2304.97	2287.57	0.67	ppb
Molybdenum	94-1	0.60	0.61	0.49	0.56	11.74	ppb
Molybdenum	95-1	0.54	0.60	0.67	0.60	10.55	ppb
Molybdenum	96-1	0.58	0.67	0.64	0.63	7.81	ppb
Molybdenum	97-1	0.58	0.53	0.60	0.57	6.48	ppb
Molybdenum	98-1	0.60	0.65	0.61	0.62	3.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.76	8.59	9.28	8.88	4.00	ppb
Phosphorus	31-2	-12.92	60.92	9.45	19.15	197.72	ppb
Potassium	39-2	2338.96	2360.63	2356.62	2352.07	0.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				108		%
Scandium	45-2				83		%
Selenium	82-1	-0.96	1.68	3.97	1.56	158.00	ppb
Selenium	77-2	3.06	9.29	0.00	4.12	115.00	ppb
Selenium	78-2	1.58	1.39	-0.64	0.78	158.23	ppb
Silicon	28-1	802.31	437.56	106.22	448.70	77.60	ppb
Silver	107-1	0.05	0.08	0.03	0.05	44.10	ppb
Silver	109-1	0.06	0.08	0.03	0.06	38.63	ppb
Sodium	23-2	10993.46	11253.79	11104.86	11117.37	1.17	ppb
Strontium	86-1	177.45	186.89	185.76	183.37	2.81	ppb
Strontium	88-1	177.95	186.43	188.09	184.15	2.95	ppb
Sulfur	34-1	-3205.89	-2592.29	-2368.09	-2722.09		ppb
Terbium	159-1				111		%
Terbium	159-2				90		%
Thallium	203-1	0.04	0.01	0.06	0.04	62.89	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	15.53	ppb
Tin	118-1	2.48	2.89	3.03	2.80	10.22	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01	Instrumnet Name :	P8
Client Sample ID :	MW-2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:45:27	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	0.53	0.48	0.32	100.98	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	11.38	ppb
Vanadium	51-2	0.61	0.73	0.79	0.71	13.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				84		%
Zinc	66-2	14.26	16.34	15.59	15.40	6.85	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	21.16	ppb
Zirconium	91-1	0.09	0.07	0.06	0.07	22.38	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:48:27	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.31	6.91	5.55	5.26	34.59	ppb
Antimony	121-1	0.89	0.99	1.12	1.00	11.40	ppb
Arsenic	75-2	0.46	0.58	0.54	0.53	11.10	ppb
Barium	135-1	79.25	79.46	81.93	80.21	1.85	ppb
Barium	137-1	78.36	80.61	79.20	79.39	1.43	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	104.64	ppb
Bismuth	209-1				115		%
Bismuth	209-2				91		%
Boron	10-1	114.07	120.81	126.51	120.46	5.17	ppb
Boron	11-1	130.90	137.87	143.03	137.27	4.43	ppb
Bromine	81-1						cps
Cadmium	111-1	0.32	0.32	0.36	0.34	6.27	ppb
Cadmium	106-1	-4.96	-3.74	-6.59	-5.10		ppb
Cadmium	108-1	-0.05	0.28	0.06	0.10	172.89	ppb
Calcium	43-1	27790.47	27846.04	27481.33	27705.95	0.71	ppb
Calcium	44-1	28905.96	29013.49	29170.01	29029.82	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.68	0.47	0.53	23.21	ppb
Cobalt	59-2	10.53	10.79	10.84	10.72	1.55	ppb
Copper	63-2	5.74	5.85	5.67	5.75	1.56	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
Holmium	165-1				109		%
Holmium	165-2				92		%
Indium	115-1				102		%
Indium	115-2				84		%
Iron	54-2	3164.49	3196.83	3089.81	3150.38	1.74	ppb
Iron	56-2	3080.42	3143.63	3087.23	3103.76	1.12	ppb
Iron	57-2	3005.92	3139.74	3066.10	3070.58	2.18	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:48:27	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.17	0.16	0.18	15.85	ppb
Lead	207-1	0.18	0.17	0.19	0.18	5.11	ppb
Lead	208-1	0.19	0.19	0.19	0.19	1.26	ppb
Lithium	6-1				94		%
Magnesium	24-2	10812.27	10795.48	10663.28	10757.01	0.76	ppb
Manganese	55-2	2236.25	2259.69	2226.59	2240.84	0.76	ppb
Molybdenum	94-1	0.50	0.43	0.37	0.43	14.75	ppb
Molybdenum	95-1	0.69	0.56	0.66	0.64	10.48	ppb
Molybdenum	96-1	0.59	0.66	0.73	0.66	10.29	ppb
Molybdenum	97-1	0.60	0.60	0.60	0.60	0.46	ppb
Molybdenum	98-1	0.72	0.66	0.62	0.67	7.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.91	8.75	8.88	8.85	0.95	ppb
Phosphorus	31-2	-20.88	-26.48	-19.84	-22.40		ppb
Potassium	39-2	2323.85	2377.25	2370.25	2357.11	1.23	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				107		%
Scandium	45-2				83		%
Selenium	82-1	2.64	0.20	3.31	2.05	79.87	ppb
Selenium	77-2	9.06	0.00	6.10	5.05	91.42	ppb
Selenium	78-2	5.22	1.56	-1.45	1.78	188.12	ppb
Silicon	28-1	245.26	477.09	894.82	539.06	61.07	ppb
Silver	107-1	0.02	0.05	0.04	0.04	38.14	ppb
Silver	109-1	0.05	0.05	0.07	0.06	17.46	ppb
Sodium	23-2	10832.98	11018.21	10815.95	10889.05	1.03	ppb
Strontium	86-1	181.43	181.59	181.28	181.43	0.09	ppb
Strontium	88-1	181.28	184.95	187.69	184.64	1.74	ppb
Sulfur	34-1	-3715.64	-3881.32	-5094.31	-4230.42		ppb
Terbium	159-1				111		%
Terbium	159-2				90		%
Thallium	203-1	0.01	0.02	0.02	0.01	38.13	ppb
Thallium	205-1	0.02	0.02	0.06	0.03	66.70	ppb
Tin	118-1	2.03	2.63	2.62	2.43	14.00	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:48:27	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.18	0.58	0.25	117.63	ppb
Uranium	238-1	0.03	0.04	0.03	0.03	14.70	ppb
Vanadium	51-2	0.66	0.71	0.83	0.73	11.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				85		%
Zinc	66-2	16.46	15.20	15.38	15.68	4.34	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	119.77	ppb
Zirconium	91-1	-0.03	0.00	0.01	-0.01		ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:52:39	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45611.73	45360.81	45537.64	45503.39	0.28	ppb
Antimony	121-1	363.07	373.04	372.63	369.58	1.53	ppb
Arsenic	75-2	507.71	513.41	501.07	507.40	1.22	ppb
Barium	135-1	2381.21	2480.00	2431.07	2430.76	2.03	ppb
Barium	137-1	2467.90	2532.10	2534.94	2511.65	1.51	ppb
Beryllium	9-1	474.23	479.88	488.64	480.92	1.51	ppb
Bismuth	209-1				116		%
Bismuth	209-2				96		%
Boron	10-1	457.35	503.61	551.65	504.20	9.35	ppb
Boron	11-1	514.48	565.92	601.89	560.76	7.83	ppb
Bromine	81-1						cps
Cadmium	111-1	456.50	475.06	469.14	466.90	2.03	ppb
Cadmium	106-1	446.06	461.95	460.80	456.27	1.94	ppb
Cadmium	108-1	465.40	472.55	461.81	466.59	1.17	ppb
Calcium	43-1	247476.54	251619.56	251077.97	250058.02	0.90	ppb
Calcium	44-1	246228.87	254984.39	259090.97	253434.74	2.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.36	517.35	524.75	519.49	0.88	ppb
Cobalt	59-2	521.65	516.80	522.55	520.33	0.59	ppb
Copper	63-2	5293.27	5183.04	5175.75	5217.35	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				90		%
Iron	54-2	128506.88	127904.73	127892.04	128101.22	0.27	ppb
Iron	56-2	126244.28	125610.45	127138.03	126330.92	0.61	ppb
Iron	57-2	125602.65	125397.69	127925.57	126308.64	1.11	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:52:39	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2458.89	2573.26	2533.54	2521.90	2.30	ppb
Lead	207-1	2460.46	2602.46	2495.78	2519.57	2.93	ppb
Lead	208-1	2461.81	2569.12	2510.10	2513.68	2.14	ppb
Lithium	6-1				85		%
Magnesium	24-2	252882.22	251854.40	254945.68	253227.44	0.62	ppb
Manganese	55-2	5088.04	4960.31	4882.69	4977.01	2.08	ppb
Molybdenum	94-1	2452.88	2570.69	2455.13	2492.90	2.70	ppb
Molybdenum	95-1	2490.77	2503.11	2435.62	2476.50	1.45	ppb
Molybdenum	96-1	2519.57	2540.11	2474.02	2511.23	1.35	ppb
Molybdenum	97-1	2488.64	2510.38	2458.15	2485.72	1.06	ppb
Molybdenum	98-1	2474.10	2513.46	2445.05	2477.54	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.90	516.60	522.75	521.75	0.91	ppb
Phosphorus	31-2	9792.96	9717.35	9700.72	9737.01	0.50	ppb
Potassium	39-2	122506.89	122082.22	122385.83	122324.98	0.18	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				115		%
Scandium	45-2				93		%
Selenium	82-1	477.19	491.91	476.94	482.01	1.78	ppb
Selenium	77-2	461.24	415.11	407.02	427.79	6.84	ppb
Selenium	78-2	488.29	483.14	460.49	477.31	3.10	ppb
Silicon	28-1	6038.48	6064.49	5579.93	5894.30	4.62	ppb
Silver	107-1	447.65	466.11	459.12	457.63	2.04	ppb
Silver	109-1	458.98	467.05	462.02	462.68	0.88	ppb
Sodium	23-2	263978.22	260157.72	264494.94	262876.96	0.90	ppb
Strontium	86-1	5009.03	5164.62	4982.61	5052.09	1.95	ppb
Strontium	88-1	4904.38	5168.36	5066.70	5046.48	2.64	ppb
Sulfur	34-1	-3433.78	-2832.55	-1663.35	-2643.23		ppb
Terbium	159-1				118		%
Terbium	159-2				99		%
Thallium	203-1	477.57	494.42	493.34	488.44	1.93	ppb
Thallium	205-1	487.63	498.64	508.45	498.24	2.09	ppb
Tin	118-1	477.14	485.26	485.68	482.69	1.00	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:52:39	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2321.32	2426.82	2461.88	2403.34	3.04	ppb
Uranium	238-1	502.85	515.90	504.25	507.66	1.41	ppb
Vanadium	51-2	527.01	515.58	523.59	522.06	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				94		%
Zinc	66-2	4925.71	4955.02	4948.33	4943.02	0.31	ppb
Zirconium	90-1	500.79	508.60	502.01	503.80	0.83	ppb
Zirconium	91-1	483.66	509.06	485.89	492.87	2.85	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:18:41	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.45	5.06	3.63	4.38	16.42	ppb
Antimony	121-1	0.03	0.04	0.01	0.03	43.53	ppb
Arsenic	75-2	-0.01	0.06	0.04	0.03	117.68	ppb
Barium	135-1	0.05	0.02	-0.02	0.02	225.57	ppb
Barium	137-1	0.06	0.01	0.07	0.05	66.46	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00		ppb
Bismuth	209-1				115		%
Bismuth	209-2				97		%
Boron	10-1	6.08	5.02	5.57	5.55	9.57	ppb
Boron	11-1	6.31	6.03	6.28	6.21	2.52	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.08	-0.02	-0.05		ppb
Cadmium	106-1	-3.17	-6.45	-2.62	-4.08		ppb
Cadmium	108-1	-0.05	0.06	-0.38	-0.12		ppb
Calcium	43-1	-19.57	-21.12	-12.95	-17.88		ppb
Calcium	44-1	-3.00	-12.10	12.45	-0.88		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.14	0.16	0.13	22.83	ppb
Cobalt	59-2	-0.03	-0.03	-0.01	-0.02		ppb
Copper	63-2	0.00	0.00	0.11	0.03	185.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				96		%
Indium	115-1				106		%
Indium	115-2				92		%
Iron	54-2	3.43	3.82	4.37	3.87	12.23	ppb
Iron	56-2	0.59	0.58	0.60	0.59	1.03	ppb
Iron	57-2	-6.60	-6.70	-6.19	-6.50		ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:18:41	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.06	0.06	0.05	45.64	ppb
Lead	207-1	0.00	0.06	0.03	0.03	107.04	ppb
Lead	208-1	0.02	0.04	0.06	0.04	48.27	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.97	2.99	0.58	0.87	229.11	ppb
Manganese	55-2	-0.01	0.03	0.10	0.04	134.53	ppb
Molybdenum	94-1	0.00	-0.03	-0.03	-0.02		ppb
Molybdenum	95-1	0.01	0.02	0.03	0.02	60.64	ppb
Molybdenum	96-1	0.00	0.02	0.02	0.01	63.23	ppb
Molybdenum	97-1	0.00	0.02	-0.01	0.00	343.91	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	100.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	0.09	-0.04	0.00		ppb
Phosphorus	31-2	54.85	59.16	53.58	55.86	5.23	ppb
Potassium	39-2	-56.27	-72.63	-100.81	-76.57		ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				108		%
Scandium	45-2				91		%
Selenium	82-1	1.79	1.46	1.99	1.75	15.16	ppb
Selenium	77-2	0.00	2.81	0.00	0.94	173.21	ppb
Selenium	78-2	0.15	-0.37	-1.05	-0.43		ppb
Silicon	28-1	3382.28	3620.88	3067.47	3356.88	8.27	ppb
Silver	107-1	0.01	0.00	0.02	0.01	53.71	ppb
Silver	109-1	0.02	0.00	0.03	0.02	102.53	ppb
Sodium	23-2	4.07	5.48	7.60	5.72	31.08	ppb
Strontium	86-1	-0.38	0.11	-0.29	-0.19		ppb
Strontium	88-1	0.05	0.05	0.05	0.05	6.32	ppb
Sulfur	34-1	-8612.44	-10105.81	-7804.21	-8840.82		ppb
Terbium	159-1				112		%
Terbium	159-2				96		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.02		ppb
Thallium	205-1	0.02	0.00	0.01	0.01	65.46	ppb
Tin	118-1	0.04	-0.02	0.00	0.01	439.90	ppb

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:18:41	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.58	-0.38	-0.43	-0.46		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.01	0.02	46.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				91		%
Zinc	66-2	-0.30	-0.34	-0.43	-0.36		ppb
Zirconium	90-1	-0.02	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.03	-0.03	0.03	-0.01		ppb

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 12:55:16 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220	242	200	221	9.63	cps
Antimony	121-1	8	17	25	17	50.01	cps
Arsenic	75-2	5	10	4	6	50.76	cps
Barium	135-1	0	8	17	8	100.02	cps
Barium	137-1	8	25	8	14	69.31	cps
Beryllium	9-1	26	18	32	25	27.71	cps
Bismuth	209-1	1495236	1524444	1521568	1513749	1.06	cps
Bismuth	209-2	955463	997351	985516	979444	2.20	cps
Boron	10-1	104	124	114	114	8.77	cps
Boron	11-1	442	400	458	433	6.91	cps
Bromine	81-1	1792	1752	1492	1679	9.72	cps
Cadmium	111-1	163	178	157	166	6.34	cps
Cadmium	106-1	817	883	817	839	4.59	cps
Cadmium	108-1	13	17	21	17	24.99	cps
Calcium	43-1	310	327	336	325	4.12	cps
Calcium	44-1	47043	47256	47388	47229	0.37	cps
Carbon	12-1	2198525	2186307	2225905	2203579	0.92	cps
Carbon	12-2	25857	25289	25656	25601	1.12	cps
Chlorine	35-1	176655	173668	175624	175316	0.87	cps
Chlorine	35-2	1733	1783	1608	1708	5.28	cps
Chromium	52-2	633	587	640	620	4.69	cps
Cobalt	59-2	53	50	60	54	9.35	cps
Copper	63-2	207	270	270	249	14.69	cps
Dysprosium	156-1	42	8	8	19	99.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	33	8	17	86.62	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	2563368	2599128	2617939	2593479	1.07	cps
Holmium	165-2	1343246	1373255	1381387	1365963	1.47	cps
Indium	115-1	2372089	2356297	2366279	2364888	0.34	cps
Indium	115-2	439951	458892	456947	451930	2.31	cps
Iron	54-2	483	339	344	389	21.04	cps
Iron	56-2	1383	1667	1495	1515	9.42	cps
Iron	57-2	167	211	161	180	15.26	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 12:55:16	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1477	1457	1553	1496	3.41	cps
Lead	206-1	83	133	94	104	25.32	cps
Lead	207-1	78	117	94	96	20.26	cps
Lead	208-1	367	428	400	398	7.68	cps
Lithium	6-1	1313974	1298265	1289395	1300545	0.96	cps
Magnesium	24-2	342	300	342	328	7.34	cps
Manganese	55-2	63	33	57	51	30.82	cps
Molybdenum	94-1	58	133	92	94	39.79	cps
Molybdenum	95-1	17	0	0	6	173.21	cps
Molybdenum	96-1	58	25	25	36	53.30	cps
Molybdenum	97-1	8	0	8	6	86.60	cps
Molybdenum	98-1	17	8	17	14	34.67	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	37	20	23	51.52	cps
Phosphorus	31-2	142	100	183	142	29.41	cps
Potassium	39-2	27744	27285	28237	27755	1.72	cps
Rhodium	103-1	2391189	2382993	2363366	2379183	0.60	cps
Rhodium	103-2	1106628	1146688	1151521	1134946	2.17	cps
Scandium	45-1	1470977	1450406	1489916	1470433	1.34	cps
Scandium	45-2	67176	69839	70254	69089	2.42	cps
Selenium	82-1	-5	21	-99	-28	-227.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	28	33	30	8.82	cps
Silicon	28-1	47910683	47486503	48005382	47800856	0.58	cps
Silver	107-1	17	17	0	11	86.60	cps
Silver	109-1	8	8	8	8	0.00	cps
Sodium	23-2	6752	6402	6752	6635	3.05	cps
Strontium	86-1	2267	2709	2467	2481	8.92	cps
Strontium	88-1	58	33	92	61	47.90	cps
Sulfur	34-1	439073	436374	443863	439770	0.86	cps
Terbium	159-1	2718256	2756479	2738329	2737688	0.70	cps
Terbium	159-2	1365545	1406092	1406074	1392571	1.68	cps
Thallium	203-1	75	75	100	83	17.32	cps
Thallium	205-1	117	125	92	111	15.61	cps
Tin	118-1	292	208	192	231	23.24	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 12:55:16	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	367	283	331	12.94	cps
Uranium	238-1	17	17	8	14	34.67	cps
Vanadium	51-2	10	7	3	7	50.03	cps
Ytterbium	172-1	0	17	25	14	91.65	cps
Ytterbium	172-2	11	0	0	4	173.21	cps
Ytterbium	176-1	250	308	300	286	11.03	cps
Ytterbium	176-2	456	567	500	507	11.02	cps
Yttrium	89-1	3672586	3701500	3634018	3669368	0.92	cps
Yttrium	89-2	479855	502031	495524	492470	2.31	cps
Zinc	66-2	123	127	133	128	3.98	cps
Zirconium	90-1	292	200	233	242	19.20	cps
Zirconium	91-1	92	58	50	67	33.08	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 13:01:26 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	624	725	704	684	7.80	cps
Antimony	121-1	4468	4392	4226	4362	2.84	cps
Arsenic	75-2	93	93	88	91	3.16	cps
Barium	135-1	4342	4226	4409	4326	2.15	cps
Barium	137-1	7961	7402	8011	7791	4.34	cps
Beryllium	9-1	828	836	892	852	4.09	cps
Bismuth	209-1	1534359	1522618	1553800	1536926	1.02	cps
Bismuth	209-2	952453	951488	956585	953509	0.28	cps
Boron	10-1	1296	1510	1644	1483	11.83	cps
Boron	11-1	5652	6518	6654	6275	8.66	cps
Bromine	81-1	1742	1932	1922	1865	5.74	cps
Cadmium	111-1	668	599	676	648	6.53	cps
Cadmium	106-1	775	808	842	808	4.12	cps
Cadmium	108-1	29	42	54	42	30.00	cps
Calcium	43-1	2726	2755	2659	2713	1.82	cps
Calcium	44-1	85939	86768	86222	86310	0.49	cps
Carbon	12-1	2220504	2185461	2144302	2183422	1.75	cps
Carbon	12-2	25940	25556	24963	25487	1.93	cps
Chlorine	35-1	183074	182821	179756	181883	1.02	cps
Chlorine	35-2	1917	1867	1884	1889	1.35	cps
Chromium	52-2	1827	1867	1777	1823	2.47	cps
Cobalt	59-2	973	1163	1073	1070	8.88	cps
Copper	63-2	1740	1737	1733	1737	0.19	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	17	33	19	65.47	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	17	3	7	9	78.08	cps
Holmium	165-1	2596469	2590374	2594335	2593726	0.12	cps
Holmium	165-2	1333291	1333091	1321839	1329407	0.49	cps
Indium	115-1	2415356	2393360	2384917	2397878	0.66	cps
Indium	115-2	442490	436380	439598	439489	0.70	cps
Iron	54-2	1767	1800	1967	1845	5.81	cps
Iron	56-2	27633	27349	27443	27475	0.53	cps
Iron	57-2	733	722	750	735	1.90	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:01:26	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1333	1480	1483	1432	5.98	cps
Lead	206-1	1333	1311	1306	1317	1.12	cps
Lead	207-1	1228	1089	1056	1124	8.13	cps
Lead	208-1	5284	4984	5056	5108	3.07	cps
Lithium	6-1	1302965	1312308	1301794	1305689	0.44	cps
Magnesium	24-2	25857	26024	25339	25740	1.39	cps
Manganese	55-2	390	387	390	389	0.49	cps
Molybdenum	94-1	4493	3934	4476	4301	7.39	cps
Molybdenum	95-1	5468	5326	5460	5418	1.47	cps
Molybdenum	96-1	6043	6126	5626	5932	4.52	cps
Molybdenum	97-1	3326	3334	3209	3289	2.13	cps
Molybdenum	98-1	8570	8603	8361	8511	1.54	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	340	317	357	338	5.95	cps
Phosphorus	31-2	183	117	142	147	22.88	cps
Potassium	39-2	46994	46442	47429	46955	1.05	cps
Rhodium	103-1	2401749	2421483	2388313	2403849	0.69	cps
Rhodium	103-2	1103702	1101038	1092017	1098919	0.56	cps
Scandium	45-1	1498984	1486121	1454112	1479739	1.56	cps
Scandium	45-2	66908	66449	66345	66567	0.45	cps
Selenium	82-1	299	130	199	209	40.69	cps
Selenium	77-2	17	13	3	11	62.48	cps
Selenium	78-2	44	58	41	48	19.05	cps
Silicon	28-1	48369062	47892995	47823079	48028379	0.62	cps
Silver	107-1	2334	2317	2384	2345	1.48	cps
Silver	109-1	2250	2300	2417	2322	3.68	cps
Sodium	23-2	55314	54435	53683	54477	1.50	cps
Strontium	86-1	3150	2967	3217	3112	4.16	cps
Strontium	88-1	5568	5476	5901	5649	3.96	cps
Sulfur	34-1	448028	444573	447595	446732	0.42	cps
Terbium	159-1	2790006	2762336	2800414	2784252	0.71	cps
Terbium	159-2	1366104	1343261	1346471	1351945	0.91	cps
Thallium	203-1	1467	1358	1525	1450	5.83	cps
Thallium	205-1	3476	3434	3901	3603	7.17	cps
Tin	118-1	7769	7927	7411	7702	3.44	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:01:26	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1700	1575	1909	1728	9.75	cps
Uranium	238-1	4534	4226	4034	4265	5.92	cps
Vanadium	51-2	2614	2674	2394	2560	5.76	cps
Ytterbium	172-1	17	0	17	11	86.60	cps
Ytterbium	172-2	0	0	0	0	0.00	cps
Ytterbium	176-1	300	400	308	336	16.51	cps
Ytterbium	176-2	394	289	322	335	16.10	cps
Yttrium	89-1	3713309	3698769	3727453	3713177	0.39	cps
Yttrium	89-2	483194	476572	479088	479618	0.70	cps
Zinc	66-2	347	273	320	313	11.85	cps
Zirconium	90-1	3526	3792	3592	3637	3.82	cps
Zirconium	91-1	700	825	783	769	8.27	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 13:04:31 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18817	18804	18635	18752	0.54	cps
Antimony	121-1	106253	108395	107354	107334	1.00	cps
Arsenic	75-2	4426	4207	4358	4330	2.59	cps
Barium	135-1	108819	109356	110002	109393	0.54	cps
Barium	137-1	186793	188400	190247	188480	0.92	cps
Beryllium	9-1	40475	41299	41221	40998	1.11	cps
Bismuth	209-1	1528712	1529719	1543247	1533892	0.53	cps
Bismuth	209-2	932704	944964	949122	942263	0.91	cps
Boron	10-1	2464	2834	2978	2758	9.61	cps
Boron	11-1	10266	11618	12935	11606	11.50	cps
Bromine	81-1	1652	1472	1792	1638	9.80	cps
Cadmium	111-1	23202	24263	24257	23907	2.55	cps
Cadmium	106-1	2917	3042	2925	2962	2.36	cps
Cadmium	108-1	1800	1800	1900	1833	3.15	cps
Calcium	43-1	25476	25908	26093	25825	1.23	cps
Calcium	44-1	452058	458442	460363	456954	0.95	cps
Carbon	12-1	2488243	2556189	2575191	2539874	1.80	cps
Carbon	12-2	31610	30825	30524	30986	1.81	cps
Chlorine	35-1	229595	238815	239135	235848	2.30	cps
Chlorine	35-2	2334	2550	2650	2511	6.45	cps
Chromium	52-2	32286	32296	31645	32076	1.16	cps
Cobalt	59-2	52945	52982	52720	52882	0.27	cps
Copper	63-2	394195	396983	389424	393534	0.97	cps
Dysprosium	156-1	42	17	0	19	107.85	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	17	33	50	33	50.00	cps
Gadolinium	160-2	10	13	0	8	89.21	cps
Holmium	165-1	2633839	2618609	2645451	2632633	0.51	cps
Holmium	165-2	1288586	1317973	1338348	1314969	1.90	cps
Indium	115-1	2381254	2401281	2405791	2396109	0.55	cps
Indium	115-2	424812	430507	437794	431037	1.51	cps
Iron	54-2	72025	71668	69385	71026	2.02	cps
Iron	56-2	1283673	1271823	1277965	1277820	0.46	cps
Iron	57-2	31418	32220	30544	31394	2.67	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:04:31	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1560	1383	1517	1487	6.19	cps
Lead	206-1	286984	287221	288877	287694	0.36	cps
Lead	207-1	251438	257487	258841	255922	1.54	cps
Lead	208-1	1144675	1155253	1163900	1154609	0.83	cps
Lithium	6-1	1316520	1295562	1292068	1301383	1.02	cps
Magnesium	24-2	259124	259868	259369	259454	0.15	cps
Manganese	55-2	157934	157067	156979	157327	0.34	cps
Molybdenum	94-1	206983	213157	212287	210809	1.59	cps
Molybdenum	95-1	263923	268174	260334	264144	1.49	cps
Molybdenum	96-1	287747	295039	290177	290988	1.28	cps
Molybdenum	97-1	158742	164535	162173	161816	1.80	cps
Molybdenum	98-1	412554	421769	427494	420606	1.79	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	14788	14621	14808	14739	0.70	cps
Phosphorus	31-2	1542	1358	1650	1517	9.72	cps
Potassium	39-2	127274	127838	128511	127874	0.48	cps
Rhodium	103-1	2362092	2382157	2370496	2371581	0.42	cps
Rhodium	103-2	1052924	1083086	1094698	1076903	2.00	cps
Scandium	45-1	1478985	1494900	1459061	1477649	1.22	cps
Scandium	45-2	65371	65528	66787	65896	1.18	cps
Selenium	82-1	1540	1792	1639	1657	7.64	cps
Selenium	77-2	77	73	47	66	25.08	cps
Selenium	78-2	270	241	210	240	12.49	cps
Silicon	28-1	48065149	47761491	48118563	47981734	0.40	cps
Silver	107-1	121213	124896	124450	123520	1.63	cps
Silver	109-1	118399	119836	119062	119099	0.60	cps
Sodium	23-2	494133	483142	484067	487114	1.25	cps
Strontium	86-1	312322	311665	314989	312992	0.56	cps
Strontium	88-1	2670145	2673875	2725530	2689850	1.15	cps
Sulfur	34-1	457359	467366	466103	463609	1.18	cps
Terbium	159-1	2757205	2756153	2757513	2756957	0.03	cps
Terbium	159-2	1313697	1337778	1343180	1331552	1.18	cps
Thallium	203-1	70912	72008	72436	71785	1.10	cps
Thallium	205-1	168740	173096	169133	170323	1.41	cps
Tin	118-1	71680	73548	74461	73229	1.94	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:04:31	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	71563	71973	70541	71359	1.03	cps
Uranium	238-1	206704	211075	210467	209415	1.13	cps
Vanadium	51-2	25062	25449	25209	25240	0.77	cps
Ytterbium	172-1	8	0	17	8	100.02	cps
Ytterbium	172-2	6	6	0	4	86.60	cps
Ytterbium	176-1	267	358	325	317	14.65	cps
Ytterbium	176-2	239	250	228	239	4.65	cps
Yttrium	89-1	3754179	3705151	3774623	3744651	0.95	cps
Yttrium	89-2	460943	472091	480123	471052	2.04	cps
Zinc	66-2	57884	57155	58132	57723	0.88	cps
Zirconium	90-1	167431	167970	166030	167144	0.60	cps
Zirconium	91-1	36164	37125	37075	36788	1.47	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 13:07:33 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47076	47442	46683	47067	0.81	cps
Antimony	121-1	268243	271905	276818	272322	1.58	cps
Arsenic	75-2	10994	10549	10854	10799	2.11	cps
Barium	135-1	268769	273504	270207	270827	0.90	cps
Barium	137-1	479178	487101	472462	479580	1.53	cps
Beryllium	9-1	103771	105700	103964	104478	1.02	cps
Bismuth	209-1	1551629	1557170	1553011	1553937	0.19	cps
Bismuth	209-2	963166	960603	958044	960604	0.27	cps
Boron	10-1	6098	6902	7518	6840	10.41	cps
Boron	11-1	25906	30147	31553	29202	10.07	cps
Bromine	81-1	1992	1912	1532	1812	13.58	cps
Cadmium	111-1	59447	60122	58709	59426	1.19	cps
Cadmium	106-1	6827	7452	6952	7077	4.68	cps
Cadmium	108-1	4505	4538	4555	4533	0.56	cps
Calcium	43-1	63212	65083	63979	64092	1.47	cps
Calcium	44-1	1073143	1091556	1097355	1087352	1.16	cps
Carbon	12-1	2525506	2604645	2662520	2597557	2.65	cps
Carbon	12-2	31042	32344	31008	31465	2.42	cps
Chlorine	35-1	215250	220935	220201	218795	1.41	cps
Chlorine	35-2	2442	2459	2425	2442	0.68	cps
Chromium	52-2	81359	79251	80243	80285	1.31	cps
Cobalt	59-2	134242	135000	132093	133778	1.13	cps
Copper	63-2	1005920	998266	990701	998296	0.76	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	33	17	58	36	58.08	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	13	27	13	18	43.33	cps
Holmium	165-1	2620960	2717024	2618030	2652005	2.12	cps
Holmium	165-2	1349559	1372464	1370737	1364253	0.93	cps
Indium	115-1	2435269	2426794	2411577	2424547	0.50	cps
Indium	115-2	438474	439530	445538	441180	0.86	cps
Iron	54-2	179265	178057	179914	179079	0.53	cps
Iron	56-2	3294335	3268811	3222640	3261929	1.11	cps
Iron	57-2	80515	80834	79442	80264	0.91	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:07:33	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1443	1540	1393	1459	5.11	cps
Lead	206-1	718268	731158	733296	727574	1.12	cps
Lead	207-1	641462	664847	652453	652921	1.79	cps
Lead	208-1	2918192	2962894	2944250	2941778	0.76	cps
Lithium	6-1	1289655	1319785	1321846	1310429	1.38	cps
Magnesium	24-2	650438	655936	645231	650535	0.82	cps
Manganese	55-2	398373	396890	394418	396560	0.50	cps
Molybdenum	94-1	526124	544181	527948	532751	1.87	cps
Molybdenum	95-1	665416	667958	659099	664158	0.69	cps
Molybdenum	96-1	730800	732509	730164	731158	0.17	cps
Molybdenum	97-1	403679	414310	413375	410455	1.43	cps
Molybdenum	98-1	1046250	1074955	1042910	1054705	1.67	cps
Neodymium	150-1	27	40	13	27	50.01	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	37299	37279	37078	37219	0.33	cps
Phosphorus	31-2	3659	3684	3726	3689	0.91	cps
Potassium	39-2	279902	280180	276740	278941	0.69	cps
Rhodium	103-1	2331506	2367843	2368887	2356079	0.90	cps
Rhodium	103-2	1106084	1104344	1100273	1103567	0.27	cps
Scandium	45-1	1479651	1512868	1466946	1486488	1.60	cps
Scandium	45-2	67722	67460	67902	67695	0.33	cps
Selenium	82-1	4155	4223	4176	4185	0.83	cps
Selenium	77-2	177	97	153	142	28.93	cps
Selenium	78-2	579	581	562	574	1.82	cps
Silicon	28-1	47978381	48007525	47969620	47985175	0.04	cps
Silver	107-1	312379	315134	317135	314883	0.76	cps
Silver	109-1	297541	296863	300072	298159	0.57	cps
Sodium	23-2	1238057	1248813	1207798	1231556	1.73	cps
Strontium	86-1	782125	799427	793476	791676	1.11	cps
Strontium	88-1	6651720	6660677	6663948	6658782	0.10	cps
Sulfur	34-1	486954	489210	487560	487908	0.24	cps
Terbium	159-1	2751294	2787105	2786924	2775108	0.74	cps
Terbium	159-2	1368043	1377191	1384072	1376435	0.58	cps
Thallium	203-1	178531	186609	181531	182224	2.24	cps
Thallium	205-1	432644	435432	429323	432466	0.71	cps
Tin	118-1	186246	185487	188335	186689	0.79	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:07:33	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	181522	179803	178048	179791	0.97	cps
Uranium	238-1	526270	537368	537330	533656	1.20	cps
Vanadium	51-2	64782	64524	64103	64470	0.53	cps
Ytterbium	172-1	0	17	8	8	100.02	cps
Ytterbium	172-2	0	0	6	2	173.21	cps
Ytterbium	176-1	350	317	242	303	18.33	cps
Ytterbium	176-2	183	389	311	294	35.25	cps
Yttrium	89-1	3728588	3730101	3768817	3742502	0.61	cps
Yttrium	89-2	477033	481468	483638	480713	0.70	cps
Zinc	66-2	145231	144477	145771	145160	0.45	cps
Zirconium	90-1	422188	427271	423129	424196	0.64	cps
Zirconium	91-1	91927	93773	96190	93963	2.27	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 13:10:37 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94071	93742	93923	93912	0.18	cps
Antimony	121-1	543163	548213	559994	550457	1.57	cps
Arsenic	75-2	21713	21694	21870	21759	0.44	cps
Barium	135-1	556579	552275	556856	555237	0.46	cps
Barium	137-1	977149	990898	990665	986237	0.80	cps
Beryllium	9-1	208130	210128	210297	209518	0.58	cps
Bismuth	209-1	1593899	1588717	1583115	1588577	0.34	cps
Bismuth	209-2	981730	990830	990474	987678	0.52	cps
Boron	10-1	12649	14186	15133	13989	8.96	cps
Boron	11-1	55269	60770	63765	59935	7.19	cps
Bromine	81-1	1442	1702	1632	1592	8.46	cps
Cadmium	111-1	121375	121220	122926	121840	0.77	cps
Cadmium	106-1	13982	14066	13056	13702	4.09	cps
Cadmium	108-1	8865	9633	9549	9349	4.50	cps
Calcium	43-1	130031	132643	132693	131789	1.16	cps
Calcium	44-1	2177400	2213820	2254223	2215148	1.73	cps
Carbon	12-1	2593599	2636718	2765411	2665242	3.35	cps
Carbon	12-2	32011	33188	32127	32442	2.00	cps
Chlorine	35-1	212918	220868	217811	217199	1.85	cps
Chlorine	35-2	2325	2025	2450	2267	9.64	cps
Chromium	52-2	157790	157769	157686	157748	0.03	cps
Cobalt	59-2	264886	264607	263310	264268	0.32	cps
Copper	63-2	2045652	1987066	2010802	2014506	1.46	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	20	13	20	18	21.66	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	42	83	50	58	37.80	cps
Gadolinium	160-2	40	23	37	33	26.47	cps
Holmium	165-1	2694125	2749329	2698557	2714004	1.13	cps
Holmium	165-2	1394603	1382687	1378737	1385343	0.60	cps
Indium	115-1	2473496	2460413	2397350	2443753	1.67	cps
Indium	115-2	441446	444191	443441	443026	0.32	cps
Iron	54-2	358012	361144	356044	358400	0.72	cps
Iron	56-2	6422283	6400348	6405868	6409500	0.18	cps
Iron	57-2	160200	159189	158217	159202	0.62	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:10:37	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1470	1500	1557	1509	2.92	cps
Lead	206-1	1486032	1500628	1516097	1500919	1.00	cps
Lead	207-1	1317724	1348233	1354158	1340039	1.46	cps
Lead	208-1	6088539	6182237	6170899	6147225	0.83	cps
Lithium	6-1	1303923	1329780	1356258	1329987	1.97	cps
Magnesium	24-2	1292900	1332468	1302335	1309235	1.58	cps
Manganese	55-2	792845	796790	794905	794847	0.25	cps
Molybdenum	94-1	1069713	1078794	1093013	1080507	1.09	cps
Molybdenum	95-1	1334506	1370613	1358947	1354689	1.36	cps
Molybdenum	96-1	1465643	1506221	1480014	1483959	1.39	cps
Molybdenum	97-1	819580	856853	838137	838190	2.22	cps
Molybdenum	98-1	2147226	2220081	2185546	2184285	1.67	cps
Neodymium	150-1	33	40	27	33	20.00	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	73419	71977	73267	72888	1.09	cps
Phosphorus	31-2	6827	6944	7052	6941	1.62	cps
Potassium	39-2	535003	524554	530242	529933	0.99	cps
Rhodium	103-1	2410786	2406901	2390881	2402856	0.44	cps
Rhodium	103-2	1108237	1113481	1109928	1110549	0.24	cps
Scandium	45-1	1516578	1533433	1531896	1527302	0.61	cps
Scandium	45-2	66824	66985	66627	66812	0.27	cps
Selenium	82-1	8324	8539	8594	8485	1.68	cps
Selenium	77-2	383	363	360	369	3.42	cps
Selenium	78-2	1067	1167	1043	1092	6.02	cps
Silicon	28-1	48281335	47782226	48353123	48138895	0.65	cps
Silver	107-1	629182	639645	645265	638031	1.28	cps
Silver	109-1	599212	618451	611627	609763	1.60	cps
Sodium	23-2	2383600	2435536	2416290	2411809	1.09	cps
Strontium	86-1	1537406	1616903	1625559	1593289	3.05	cps
Strontium	88-1	13245048	13578526	13869389	13564321	2.30	cps
Sulfur	34-1	511696	509267	504678	508547	0.70	cps
Terbium	159-1	2896299	2875954	2864077	2878777	0.57	cps
Terbium	159-2	1393141	1411145	1393097	1399128	0.74	cps
Thallium	203-1	368711	375670	375780	373387	1.08	cps
Thallium	205-1	886996	885930	896412	889780	0.65	cps
Tin	118-1	371945	381549	377824	377106	1.28	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:10:37	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	362744	373820	371046	369203	1.56	cps
Uranium	238-1	1089199	1110800	1102980	1100993	0.99	cps
Vanadium	51-2	129493	127505	128387	128461	0.78	cps
Ytterbium	172-1	0	17	0	6	173.21	cps
Ytterbium	172-2	0	0	6	2	173.21	cps
Ytterbium	176-1	233	367	358	319	23.38	cps
Ytterbium	176-2	178	194	339	237	37.38	cps
Yttrium	89-1	3736713	3803159	3794507	3778126	0.96	cps
Yttrium	89-2	481708	480426	484239	482124	0.40	cps
Zinc	66-2	289938	289710	291292	290313	0.29	cps
Zirconium	90-1	847013	884753	867646	866471	2.18	cps
Zirconium	91-1	190100	193564	192577	192080	0.93	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 13:13:35 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	184865	183127	184101	184031	0.47	cps
Antimony	121-1	1083799	1116641	1104380	1101606	1.51	cps
Arsenic	75-2	42849	43060	42879	42929	0.27	cps
Barium	135-1	1089226	1128368	1126094	1114563	1.97	cps
Barium	137-1	1904615	1933723	1949797	1929378	1.19	cps
Beryllium	9-1	413058	420320	424990	419456	1.43	cps
Bismuth	209-1	1583310	1602388	1611952	1599217	0.91	cps
Bismuth	209-2	979083	984604	987024	983570	0.41	cps
Boron	10-1	25763	29265	30718	28582	8.91	cps
Boron	11-1	110895	124282	132853	122677	9.02	cps
Bromine	81-1	1782	1552	1281	1538	16.29	cps
Cadmium	111-1	238437	242143	242553	241044	0.94	cps
Cadmium	106-1	25566	25683	26660	25969	2.31	cps
Cadmium	108-1	18316	17962	18158	18145	0.98	cps
Calcium	43-1	262566	269134	269295	266998	1.44	cps
Calcium	44-1	4207123	4449048	4351009	4335727	2.81	cps
Carbon	12-1	2689794	2759172	2825735	2758234	2.46	cps
Carbon	12-2	33038	33915	33973	33642	1.56	cps
Chlorine	35-1	212849	216629	219507	216328	1.54	cps
Chlorine	35-2	2184	2234	2225	2214	1.21	cps
Chromium	52-2	310020	309819	309908	309916	0.03	cps
Cobalt	59-2	525005	517041	523783	521943	0.82	cps
Copper	63-2	3916471	3820350	3936436	3891086	1.60	cps
Dysprosium	156-1	75	67	100	81	21.53	cps
Dysprosium	156-2	40	27	47	38	26.95	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	23	10	3	12	83.33	cps
Gadolinium	160-1	75	67	50	64	19.92	cps
Gadolinium	160-2	37	57	23	39	43.15	cps
Holmium	165-1	2673831	2662001	2688229	2674687	0.49	cps
Holmium	165-2	1384895	1378252	1390941	1384696	0.46	cps
Indium	115-1	2397494	2432763	2420511	2416922	0.74	cps
Indium	115-2	431923	437897	438502	436107	0.83	cps
Iron	54-2	709622	691502	696756	699293	1.33	cps
Iron	56-2	12471125	12671710	12381292	12508042	1.19	cps
Iron	57-2	314832	311790	309593	312072	0.84	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:13:35	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1637	1577	1473	1562	5.29	cps
Lead	206-1	3091125	3090370	3247971	3143156	2.89	cps
Lead	207-1	2757989	2800430	2852202	2803540	1.68	cps
Lead	208-1	12394880	12548067	12948623	12630523	2.26	cps
Lithium	6-1	1384697	1368743	1357854	1370431	0.99	cps
Magnesium	24-2	2567085	2544694	2550631	2554137	0.45	cps
Manganese	55-2	1574042	1550699	1558702	1561148	0.76	cps
Molybdenum	94-1	2148430	2157590	2139477	2148499	0.42	cps
Molybdenum	95-1	2714975	2725544	2721226	2720582	0.20	cps
Molybdenum	96-1	2904283	2978562	2968048	2950298	1.36	cps
Molybdenum	97-1	1627591	1645710	1682770	1652024	1.70	cps
Molybdenum	98-1	4225740	4296142	4269453	4263778	0.83	cps
Neodymium	150-1	40	47	47	44	8.66	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	144141	143704	144229	144024	0.20	cps
Phosphorus	31-2	13815	13707	13431	13651	1.45	cps
Potassium	39-2	1004202	1009154	1009232	1007529	0.29	cps
Rhodium	103-1	2389717	2388758	2399336	2392604	0.24	cps
Rhodium	103-2	1088147	1093318	1107412	1096292	0.91	cps
Scandium	45-1	1508165	1583780	1547439	1546462	2.45	cps
Scandium	45-2	65954	65977	65739	65890	0.20	cps
Selenium	82-1	16362	16522	16882	16589	1.60	cps
Selenium	77-2	583	707	630	640	9.73	cps
Selenium	78-2	2140	2213	2132	2162	2.07	cps
Silicon	28-1	48765074	48356619	48445149	48522281	0.44	cps
Silver	107-1	1234606	1270799	1275021	1260142	1.76	cps
Silver	109-1	1175552	1201275	1203816	1193547	1.31	cps
Sodium	23-2	4764727	4683406	4770790	4739641	1.03	cps
Strontium	86-1	3065211	3219187	3167469	3150622	2.49	cps
Strontium	88-1	26011695	27070524	26581013	26554411	2.00	cps
Sulfur	34-1	551384	557309	552169	553620	0.58	cps
Terbium	159-1	2882011	2915012	2908266	2901763	0.60	cps
Terbium	159-2	1400931	1386542	1411180	1399551	0.88	cps
Thallium	203-1	751726	759531	763882	758380	0.81	cps
Thallium	205-1	1789738	1822581	1838513	1816944	1.37	cps
Tin	118-1	744083	755039	759705	752942	1.07	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:13:35	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	720124	742200	760710	741011	2.74	cps
Uranium	238-1	2201098	2231564	2293960	2242207	2.11	cps
Vanadium	51-2	253476	250050	251910	251812	0.68	cps
Ytterbium	172-1	33	0	25	19	89.21	cps
Ytterbium	172-2	0	0	6	2	173.21	cps
Ytterbium	176-1	333	317	267	306	11.35	cps
Ytterbium	176-2	228	294	211	244	18.04	cps
Yttrium	89-1	3781136	3813750	3708687	3767858	1.43	cps
Yttrium	89-2	475852	481987	479057	478966	0.64	cps
Zinc	66-2	568363	565981	569127	567824	0.29	cps
Zirconium	90-1	1664009	1708770	1703326	1692035	1.44	cps
Zirconium	91-1	368260	373670	378241	373390	1.34	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:16:36	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358961	357590	354368	356973	0.66	cps
Antimony	121-1	2126462	2215089	2191025	2177525	2.10	cps
Arsenic	75-2	83002	82081	81810	82297	0.76	cps
Barium	135-1	2194266	2287663	2268384	2250104	2.19	cps
Barium	137-1	3753027	3923379	3912778	3863062	2.47	cps
Beryllium	9-1	823191	837444	836869	832501	0.97	cps
Bismuth	209-1	1613476	1628750	1622368	1621531	0.47	cps
Bismuth	209-2	977368	977459	988427	981085	0.65	cps
Boron	10-1	53986	59604	63208	58932	7.89	cps
Boron	11-1	231771	256545	273901	254072	8.33	cps
Bromine	81-1	1672	1742	1612	1675	3.89	cps
Cadmium	111-1	465403	472409	474129	470647	0.98	cps
Cadmium	106-1	51622	50493	52158	51424	1.65	cps
Cadmium	108-1	35450	36778	35951	36060	1.86	cps
Calcium	43-1	537162	541623	547686	542157	0.97	cps
Calcium	44-1	8700819	8739854	8696475	8712383	0.27	cps
Carbon	12-1	2850398	2935100	3010513	2932003	2.73	cps
Carbon	12-2	35761	35059	36011	35610	1.39	cps
Chlorine	35-1	212731	216164	217482	215459	1.14	cps
Chlorine	35-2	2100	2250	2125	2159	3.72	cps
Chromium	52-2	603034	603886	591627	599516	1.14	cps
Cobalt	59-2	1014144	995956	991316	1000472	1.21	cps
Copper	63-2	7519643	7424582	7505378	7483201	0.69	cps
Dysprosium	156-1	83	100	92	92	9.09	cps
Dysprosium	156-2	77	53	63	64	18.17	cps
Erbium	164-1	25	67	42	44	47.19	cps
Erbium	164-2	7	13	23	14	58.06	cps
Gadolinium	160-1	158	100	117	125	24.04	cps
Gadolinium	160-2	87	63	87	79	17.08	cps
Holmium	165-1	2761484	2709952	2746399	2739279	0.97	cps
Holmium	165-2	1403605	1385457	1387698	1392254	0.71	cps
Indium	115-1	2381917	2429755	2352844	2388172	1.63	cps
Indium	115-2	422624	420786	419714	421041	0.35	cps
Iron	54-2	1352588	1336858	1351097	1346847	0.64	cps
Iron	56-2	24027111	24518950	24238655	24261572	1.02	cps
Iron	57-2	603370	605283	596760	601804	0.74	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:16:36	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1390	1503	1417	1437	4.12	cps
Lead	206-1	6051994	6202917	6251861	6168924	1.69	cps
Lead	207-1	5361072	5634220	5582329	5525874	2.63	cps
Lead	208-1	24134131	25351488	25147457	24877692	2.62	cps
Lithium	6-1	1368080	1360149	1338210	1355480	1.14	cps
Magnesium	24-2	4987596	4887261	4899361	4924739	1.11	cps
Manganese	55-2	3001685	3010991	3012286	3008321	0.19	cps
Molybdenum	94-1	4156099	4164622	4238188	4186303	1.08	cps
Molybdenum	95-1	5248303	5289868	5383971	5307381	1.31	cps
Molybdenum	96-1	5772862	5800094	5817914	5796957	0.39	cps
Molybdenum	97-1	3219860	3260306	3291966	3257377	1.11	cps
Molybdenum	98-1	8302896	8539442	8532766	8458368	1.59	cps
Neodymium	150-1	107	93	73	91	18.42	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	276342	274654	273507	274834	0.52	cps
Phosphorus	31-2	25823	24713	25356	25298	2.20	cps
Potassium	39-2	1859614	1888549	1899759	1882641	1.10	cps
Rhodium	103-1	2379217	2358361	2372087	2369888	0.45	cps
Rhodium	103-2	1068164	1050570	1067225	1061986	0.93	cps
Scandium	45-1	1568205	1559184	1531220	1552870	1.24	cps
Scandium	45-2	64109	63175	65261	64181	1.63	cps
Selenium	82-1	32592	32881	33478	32984	1.37	cps
Selenium	77-2	1190	1200	1210	1200	0.83	cps
Selenium	78-2	4105	4173	4067	4115	1.31	cps
Silicon	28-1	48599280	48541947	48626385	48589204	0.09	cps
Silver	107-1	2464726	2547433	2515481	2509213	1.66	cps
Silver	109-1	2307306	2372856	2404418	2361527	2.10	cps
Sodium	23-2	9320154	9218481	9072349	9203661	1.35	cps
Strontium	86-1	6108079	6110483	6148168	6122243	0.37	cps
Strontium	88-1	52385826	52792919	52460933	52546560	0.41	cps
Sulfur	34-1	622704	622810	621788	622434	0.09	cps
Terbium	159-1	2910805	2958511	2904549	2924622	1.01	cps
Terbium	159-2	1409638	1411976	1404668	1408761	0.26	cps
Thallium	203-1	1477880	1519729	1536175	1511261	1.99	cps
Thallium	205-1	3486367	3584136	3714246	3594916	3.18	cps
Tin	118-1	1464271	1489414	1508224	1487303	1.48	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:16:36	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1425417	1463560	1458720	1449232	1.43	cps
Uranium	238-1	4449105	4597640	4646390	4564379	2.25	cps
Vanadium	51-2	493421	489926	484621	489323	0.91	cps
Ytterbium	172-1	17	17	17	17	0.00	cps
Ytterbium	172-2	11	0	0	4	173.21	cps
Ytterbium	176-1	358	358	342	353	2.73	cps
Ytterbium	176-2	222	250	250	241	6.66	cps
Yttrium	89-1	3806119	3722157	3736121	3754799	1.20	cps
Yttrium	89-2	464647	464946	458951	462848	0.73	cps
Zinc	66-2	1095066	1082232	1085600	1087633	0.61	cps
Zirconium	90-1	3272659	3443482	3353620	3356587	2.55	cps
Zirconium	91-1	737871	756565	758227	750888	1.51	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:19:35	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1854818	1880290	1836783	1857297	1.18	cps
Antimony	121-1	1117	1567	1608	1431	19.06	cps
Arsenic	75-2	39	34	35	36	7.35	cps
Barium	135-1	950	850	925	908	5.73	cps
Barium	137-1	1567	1517	1417	1500	5.09	cps
Beryllium	9-1	150	116	134	133	12.76	cps
Bismuth	209-1	1640625	1635950	1587823	1621466	1.80	cps
Bismuth	209-2	980495	977516	976923	978311	0.20	cps
Boron	10-1	8209	7568	6746	7508	9.76	cps
Boron	11-1	35119	31720	28548	31795	10.33	cps
Bromine	81-1	1672	1842	1712	1742	5.11	cps
Cadmium	111-1	259	336	322	305	13.43	cps
Cadmium	106-1	908	942	833	895	6.20	cps
Cadmium	108-1	63	33	58	51	30.70	cps
Calcium	43-1	2630692	2658346	2631097	2640045	0.60	cps
Calcium	44-1	42501139	42546732	42452401	42500090	0.11	cps
Carbon	12-1	2727009	2729490	2785486	2747328	1.20	cps
Carbon	12-2	35418	35026	35736	35393	1.01	cps
Chlorine	35-1	209511	212461	215605	212526	1.43	cps
Chlorine	35-2	1984	2000	1992	1992	0.42	cps
Chromium	52-2	4597	4501	4314	4471	3.22	cps
Cobalt	59-2	1633	1647	1520	1600	4.35	cps
Copper	63-2	5138	5208	5094	5147	1.11	cps
Dysprosium	156-1	375	517	542	478	18.81	cps
Dysprosium	156-2	273	280	277	277	1.21	cps
Erbium	164-1	150	125	58	111	42.65	cps
Erbium	164-2	63	40	57	53	22.53	cps
Gadolinium	160-1	567	658	575	600	8.45	cps
Gadolinium	160-2	377	393	330	367	8.95	cps
Holmium	165-1	2843513	2891554	2800192	2845086	1.61	cps
Holmium	165-2	1448581	1447411	1444196	1446730	0.16	cps
Indium	115-1	2425610	2504991	2411801	2447467	2.05	cps
Indium	115-2	435806	437522	440479	437936	0.54	cps
Iron	54-2	6753566	6706279	6640456	6700100	0.85	cps
Iron	56-2	124223992	123530714	122470047	123408251	0.72	cps
Iron	57-2	3130185	3130998	3071472	3110885	1.10	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:19:35	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1420	1373	1380	1391	1.81	cps
Lead	206-1	12156	12751	12662	12523	2.56	cps
Lead	207-1	11377	11505	11694	11526	1.38	cps
Lead	208-1	50406	51190	51507	51034	1.11	cps
Lithium	6-1	1413415	1439323	1405041	1419260	1.26	cps
Magnesium	24-2	24367123	24716766	24424646	24502845	0.77	cps
Manganese	55-2	1873	1943	1897	1905	1.87	cps
Molybdenum	94-1	1492	1400	1142	1345	13.50	cps
Molybdenum	95-1	2167	2092	1775	2011	10.34	cps
Molybdenum	96-1	2567	2409	2500	2492	3.19	cps
Molybdenum	97-1	1217	1142	1067	1142	6.57	cps
Molybdenum	98-1	3242	2809	2667	2906	10.31	cps
Neodymium	150-1	27	27	40	31	24.74	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	1043	993	1003	1013	2.61	cps
Phosphorus	31-2	133	175	133	147	16.34	cps
Potassium	39-2	9338061	9277708	9313142	9309637	0.33	cps
Rhodium	103-1	2369216	2412138	2336487	2372614	1.60	cps
Rhodium	103-2	1069166	1060851	1059206	1063074	0.50	cps
Scandium	45-1	1609021	1642894	1573737	1608551	2.15	cps
Scandium	45-2	64718	65173	65686	65192	0.74	cps
Selenium	82-1	-35	87	54	35	177.73	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	29	26	23	26	11.54	cps
Silicon	28-1	46243370	46719453	46247699	46403507	0.59	cps
Silver	107-1	858	842	750	817	7.14	cps
Silver	109-1	808	758	792	786	3.24	cps
Sodium	23-2	45262236	45773429	45364835	45466834	0.59	cps
Strontium	86-1	4117	3809	4126	4017	4.49	cps
Strontium	88-1	16335	15701	16076	16037	1.99	cps
Sulfur	34-1	433086	432232	435219	433512	0.35	cps
Terbium	159-1	2990080	3082429	2982319	3018276	1.85	cps
Terbium	159-2	1451719	1459044	1461257	1457340	0.34	cps
Thallium	203-1	558	583	483	542	9.61	cps
Thallium	205-1	1483	1400	1042	1308	17.94	cps
Tin	118-1	1117	1017	1033	1056	5.08	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:19:35	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392	750	458	533	35.73	cps
Uranium	238-1	625	592	600	606	2.86	cps
Vanadium	51-2	77	73	127	92	32.40	cps
Ytterbium	172-1	17	25	42	28	45.82	cps
Ytterbium	172-2	11	0	11	7	86.60	cps
Ytterbium	176-1	350	308	325	328	6.40	cps
Ytterbium	176-2	311	239	200	250	22.55	cps
Yttrium	89-1	3816201	3927202	3829375	3857593	1.57	cps
Yttrium	89-2	478157	487860	487101	484372	1.11	cps
Zinc	66-2	2667	2780	2780	2743	2.39	cps
Zirconium	90-1	808	825	658	764	12.02	cps
Zirconium	91-1	108	158	217	161	33.65	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 13:52:52 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9359	9517	9517	9464	0.96	cps
Antimony	121-1	428119	429801	428983	428967	0.20	cps
Arsenic	75-2	17595	17497	17385	17492	0.60	cps
Barium	135-1	43746	44106	45561	44471	2.16	cps
Barium	137-1	76323	77531	79593	77816	2.12	cps
Beryllium	9-1	80741	82150	83641	82177	1.76	cps
Bismuth	209-1	1492566	1550802	1550265	1531211	2.19	cps
Bismuth	209-2	986654	1007224	1083225	1025701	4.96	cps
Boron	10-1	22094	25331	28125	25183	11.98	cps
Boron	11-1	94627	108294	119329	107417	11.52	cps
Bromine	81-1	1432	1512	1432	1458	3.17	cps
Cadmium	111-1	47214	48484	49182	48293	2.07	cps
Cadmium	106-1	8069	8278	8036	8128	1.61	cps
Cadmium	108-1	4963	5222	5064	5083	2.56	cps
Calcium	43-1	11686	11811	11514	11670	1.28	cps
Calcium	44-1	222262	224560	226026	224283	0.85	cps
Carbon	12-1	2464329	2555758	2573149	2531078	2.31	cps
Carbon	12-2	29981	29021	30215	29739	2.13	cps
Chlorine	35-1	208976	214306	216780	213354	1.87	cps
Chlorine	35-2	2250	2209	2192	2217	1.36	cps
Chromium	52-2	64039	63403	62178	63207	1.50	cps
Cobalt	59-2	105510	106793	104020	105441	1.32	cps
Copper	63-2	80925	80875	79119	80307	1.28	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	17	25	14	91.65	cps
Erbium	164-2	3	20	13	12	68.66	cps
Gadolinium	160-1	25	50	25	33	43.30	cps
Gadolinium	160-2	20	30	17	22	31.22	cps
Holmium	165-1	2522020	2646591	2639301	2602637	2.69	cps
Holmium	165-2	1400458	1404455	1530675	1445196	5.12	cps
Indium	115-1	2281098	2323694	2387135	2330642	2.29	cps
Indium	115-2	444939	448204	486189	459778	4.99	cps
Iron	54-2	56009	56433	56528	56324	0.49	cps
Iron	56-2	994800	996589	982807	991398	0.76	cps
Iron	57-2	24460	24672	24460	24531	0.50	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:52:52	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1537	1297	1463	1432	8.59	cps
Lead	206-1	256052	261939	261473	259821	1.26	cps
Lead	207-1	217054	220408	221683	219715	1.09	cps
Lead	208-1	1005255	1028720	1026754	1020243	1.28	cps
Lithium	6-1	1226642	1234947	1239850	1233813	0.54	cps
Magnesium	24-2	59941	59430	58334	59235	1.39	cps
Manganese	55-2	31167	30600	30600	30789	1.06	cps
Molybdenum	94-1	2094346	2126733	2088571	2103217	0.98	cps
Molybdenum	95-1	2618134	2658733	2588797	2621888	1.34	cps
Molybdenum	96-1	2883725	2870571	2881344	2878547	0.24	cps
Molybdenum	97-1	1590046	1605253	1604332	1599877	0.53	cps
Molybdenum	98-1	4123191	4170608	4108750	4134183	0.78	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	29434	29310	29771	29505	0.81	cps
Phosphorus	31-2	117	175	217	169	29.64	cps
Potassium	39-2	100490	99031	100626	100049	0.88	cps
Rhodium	103-1	2298421	2361339	2402040	2353933	2.22	cps
Rhodium	103-2	1106119	1113893	1203683	1141232	4.75	cps
Scandium	45-1	1436504	1460840	1484217	1460520	1.63	cps
Scandium	45-2	64819	66453	70204	67158	4.11	cps
Selenium	82-1	6542	7007	6659	6736	3.59	cps
Selenium	77-2	263	277	230	257	9.37	cps
Selenium	78-2	857	882	839	859	2.51	cps
Silicon	28-1	47648761	46873964	47108994	47210573	0.84	cps
Silver	107-1	121045	125517	120675	122412	2.20	cps
Silver	109-1	113709	116532	115876	115372	1.28	cps
Sodium	23-2	191181	193100	188996	191092	1.07	cps
Strontium	86-1	311336	314042	315255	313544	0.64	cps
Strontium	88-1	2661911	2686908	2704230	2684350	0.79	cps
Sulfur	34-1	410557	400814	400477	403949	1.42	cps
Terbium	159-1	2681756	2821085	2760795	2754545	2.54	cps
Terbium	159-2	1398441	1414012	1560596	1457683	6.14	cps
Thallium	203-1	311456	324242	323883	319860	2.28	cps
Thallium	205-1	747363	771916	761864	760381	1.62	cps
Tin	118-1	733539	750034	757239	746937	1.63	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 13:52:52	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	695946	708098	712481	705509	1.21	cps
Uranium	238-1	2197684	2243162	2273362	2238069	1.70	cps
Vanadium	51-2	49689	48930	49586	49402	0.83	cps
Ytterbium	172-1	8	0	8	6	86.60	cps
Ytterbium	172-2	6	11	6	7	43.24	cps
Ytterbium	176-1	300	383	333	339	12.38	cps
Ytterbium	176-2	461	489	456	469	3.81	cps
Yttrium	89-1	3575713	3632636	3702042	3636797	1.74	cps
Yttrium	89-2	480798	485118	526885	497600	5.12	cps
Zinc	66-2	23179	23306	22615	23033	1.60	cps
Zirconium	90-1	1693917	1713652	1722557	1710042	0.86	cps
Zirconium	91-1	368241	377150	371589	372327	1.21	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 14:02:09 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	197	249	234	227	11.62	cps
Antimony	121-1	33	50	50	44	21.66	cps
Arsenic	75-2	6	9	6	7	24.74	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	17	17	33	22	43.28	cps
Beryllium	9-1	22	26	22	23	9.87	cps
Bismuth	209-1	1563145	1548611	1562281	1558012	0.52	cps
Bismuth	209-2	1003222	999733	1011394	1004783	0.60	cps
Boron	10-1	1006	964	868	946	7.48	cps
Boron	11-1	3972	4166	3684	3940	6.16	cps
Bromine	81-1	1341	1552	1592	1495	8.99	cps
Cadmium	111-1	143	123	163	143	13.85	cps
Cadmium	106-1	658	592	783	678	14.36	cps
Cadmium	108-1	8	17	21	15	41.67	cps
Calcium	43-1	216	216	227	220	2.95	cps
Calcium	44-1	50074	49659	49536	49757	0.57	cps
Carbon	12-1	2090282	2072305	2080667	2081085	0.43	cps
Carbon	12-2	23319	23277	24554	23717	3.06	cps
Chlorine	35-1	146850	145729	145603	146060	0.47	cps
Chlorine	35-2	1642	1617	1650	1636	1.06	cps
Chromium	52-2	603	530	450	528	14.53	cps
Cobalt	59-2	33	27	50	37	32.78	cps
Copper	63-2	200	230	223	218	7.24	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	13	0	10	8	89.21	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	13	27	3	14	81.07	cps
Holmium	165-1	2644348	2635430	2699968	2659915	1.31	cps
Holmium	165-2	1397078	1391410	1392431	1393640	0.22	cps
Indium	115-1	2417252	2419055	2409341	2415216	0.21	cps
Indium	115-2	453816	457552	452325	454564	0.59	cps
Iron	54-2	433	433	411	426	3.01	cps
Iron	56-2	1872	1783	1728	1795	4.06	cps
Iron	57-2	139	150	150	146	4.38	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:02:09	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1493	1443	1310	1416	6.70	cps
Lead	206-1	272	161	250	228	25.81	cps
Lead	207-1	222	306	156	228	33.00	cps
Lead	208-1	950	1000	894	948	5.57	cps
Lithium	6-1	1245979	1231731	1231973	1236561	0.66	cps
Magnesium	24-2	383	433	367	394	8.80	cps
Manganese	55-2	67	83	50	67	25.00	cps
Molybdenum	94-1	150	133	92	125	24.04	cps
Molybdenum	95-1	108	75	42	75	44.44	cps
Molybdenum	96-1	133	125	125	128	3.77	cps
Molybdenum	97-1	42	42	33	39	12.38	cps
Molybdenum	98-1	100	133	100	111	17.32	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	23	17	22	22.91	cps
Phosphorus	31-2	142	183	175	167	13.23	cps
Potassium	39-2	24688	24688	25381	24919	1.61	cps
Rhodium	103-1	2387765	2408150	2357282	2384399	1.07	cps
Rhodium	103-2	1111474	1108938	1121300	1113904	0.59	cps
Scandium	45-1	1492519	1504102	1527170	1507930	1.17	cps
Scandium	45-2	64802	65150	65528	65160	0.56	cps
Selenium	82-1	-72	13	73	5	1561.82	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	35	33	30	33	7.70	cps
Silicon	28-1	46263158	46231575	45965887	46153540	0.35	cps
Silver	107-1	25	42	0	22	94.38	cps
Silver	109-1	50	17	8	25	88.19	cps
Sodium	23-2	8244	8294	8669	8403	2.77	cps
Strontium	86-1	2434	2425	2175	2345	6.26	cps
Strontium	88-1	200	267	233	233	14.29	cps
Sulfur	34-1	403813	401158	398086	401019	0.71	cps
Terbium	159-1	2828284	2785437	2808755	2807492	0.76	cps
Terbium	159-2	1409475	1414013	1438016	1420501	1.08	cps
Thallium	203-1	142	142	125	136	7.07	cps
Thallium	205-1	283	308	325	306	6.86	cps
Tin	118-1	225	175	258	219	19.11	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:02:09	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	383	200	258	281	33.39	cps
Uranium	238-1	50	17	67	44	57.28	cps
Vanadium	51-2	13	3	7	8	65.47	cps
Ytterbium	172-1	25	25	25	25	0.00	cps
Ytterbium	172-2	0	6	0	2	173.21	cps
Ytterbium	176-1	350	267	208	275	25.89	cps
Ytterbium	176-2	417	411	344	391	10.29	cps
Yttrium	89-1	3719147	3655908	3716220	3697092	0.97	cps
Yttrium	89-2	485470	492136	487163	488256	0.71	cps
Zinc	66-2	80	60	73	71	14.32	cps
Zirconium	90-1	250	258	300	269	9.94	cps
Zirconium	91-1	117	58	83	86	33.98	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 14:05:13 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1742789	1741449	1727887	1737375	0.47	cps
Antimony	121-1	2684	2467	2684	2611	4.79	cps
Arsenic	75-2	41	40	24	35	27.26	cps
Barium	135-1	592	667	642	633	6.03	cps
Barium	137-1	1242	1125	1267	1211	6.24	cps
Beryllium	9-1	258	238	256	251	4.39	cps
Bismuth	209-1	1575021	1592123	1689921	1619021	3.83	cps
Bismuth	209-2	1003834	1002691	1001075	1002533	0.14	cps
Boron	10-1	924	850	796	857	7.50	cps
Boron	11-1	3704	3582	3620	3635	1.72	cps
Bromine	81-1	1642	1632	1762	1679	4.31	cps
Cadmium	111-1	378	423	423	408	6.37	cps
Cadmium	106-1	775	867	783	808	6.27	cps
Cadmium	108-1	396	388	471	418	10.98	cps
Calcium	43-1	496539	506582	518393	507171	2.16	cps
Calcium	44-1	8264790	8409776	8482600	8385722	1.32	cps
Carbon	12-1	8493667	8741730	8868227	8701208	2.19	cps
Carbon	12-2	104495	102908	101188	102864	1.61	cps
Chlorine	35-1	4196780	5572960	6337909	5369216	20.21	cps
Chlorine	35-2	76159	82678	86491	81776	6.39	cps
Chromium	52-2	12195	12893	12792	12627	2.99	cps
Cobalt	59-2	1257	1187	1210	1218	2.93	cps
Copper	63-2	6205	6258	6392	6285	1.53	cps
Dysprosium	156-1	0	33	0	11	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	25	67	67	53	45.58	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	2711960	2805474	2822476	2779970	2.14	cps
Holmium	165-2	1431058	1452076	1437140	1440091	0.75	cps
Indium	115-1	2405566	2417030	2473928	2432174	1.51	cps
Indium	115-2	445933	444885	448232	446350	0.38	cps
Iron	54-2	2750301	2739528	2686687	2725505	1.25	cps
Iron	56-2	49491696	49248784	49249783	49330088	0.28	cps
Iron	57-2	1214759	1218061	1208558	1213793	0.40	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:05:13	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1320	1457	1417	1398	5.03	cps
Lead	206-1	5590	6263	6357	6070	6.89	cps
Lead	207-1	4701	4690	5146	4845	5.37	cps
Lead	208-1	21808	22397	23670	22625	4.21	cps
Lithium	6-1	1295310	1323531	1343384	1320742	1.83	cps
Magnesium	24-2	4736520	4678784	4649213	4688172	0.95	cps
Manganese	55-2	2304	2477	2450	2410	3.87	cps
Molybdenum	94-1	1104763	1129732	1131185	1121893	1.32	cps
Molybdenum	95-1	1956334	2023591	2033464	2004463	2.09	cps
Molybdenum	96-1	2074605	2135582	2132040	2114076	1.62	cps
Molybdenum	97-1	1183703	1221215	1225560	1210159	1.90	cps
Molybdenum	98-1	3110956	3167908	3197570	3158811	1.39	cps
Neodymium	150-1	27	0	0	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1570	1550	1473	1531	3.33	cps
Phosphorus	31-2	126406	126086	123396	125296	1.32	cps
Potassium	39-2	3639378	3696737	3621626	3652580	1.07	cps
Rhodium	103-1	2375220	2398292	2383846	2385786	0.49	cps
Rhodium	103-2	1101012	1095585	1099084	1098560	0.25	cps
Scandium	45-1	1526623	1551032	1588417	1555357	2.00	cps
Scandium	45-2	65893	65465	65592	65650	0.34	cps
Selenium	82-1	75	-51	11	12	525.69	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	41	26	26	31	27.94	cps
Silicon	28-1	45912456	46424627	46983671	46440251	1.15	cps
Silver	107-1	183	183	217	194	9.90	cps
Silver	109-1	125	125	108	119	8.05	cps
Sodium	23-2	9096385	9021732	8901634	9006584	1.09	cps
Strontium	86-1	23721	22844	24122	23562	2.77	cps
Strontium	88-1	180329	184002	189076	184469	2.38	cps
Sulfur	34-1	1077931	1062489	1038804	1059741	1.86	cps
Terbium	159-1	2871965	2928502	2933253	2911240	1.17	cps
Terbium	159-2	1456930	1449394	1457893	1454739	0.32	cps
Thallium	203-1	292	275	175	247	25.52	cps
Thallium	205-1	650	550	758	653	15.96	cps
Tin	118-1	525	450	625	533	16.46	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:05:13	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	563919	583738	585396	577684	2.07	cps
Uranium	238-1	75	67	267	136	83.13	cps
Vanadium	51-2	97	57	90	81	26.42	cps
Ytterbium	172-1	42	25	33	33	25.01	cps
Ytterbium	172-2	17	0	0	6	173.21	cps
Ytterbium	176-1	258	300	417	325	25.26	cps
Ytterbium	176-2	333	289	311	311	7.14	cps
Yttrium	89-1	3765857	3770034	3766745	3767545	0.06	cps
Yttrium	89-2	482152	484703	486456	484437	0.45	cps
Zinc	66-2	1260	1210	1310	1260	3.97	cps
Zirconium	90-1	300	300	583	394	41.48	cps
Zirconium	91-1	83	100	183	122	43.83	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:08:10	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1774622	1713376	1727255	1738418	1.85	cps
Antimony	121-1	45643	46822	46346	46270	1.28	cps
Arsenic	75-2	1799	1741	1703	1748	2.77	cps
Barium	135-1	9520	9887	10162	9857	3.27	cps
Barium	137-1	16319	17837	16944	17033	4.48	cps
Beryllium	9-1	16760	17024	16854	16880	0.79	cps
Bismuth	209-1	1634149	1616894	1643202	1631415	0.82	cps
Bismuth	209-2	999972	1035546	1044182	1026566	2.28	cps
Boron	10-1	3682	3906	3978	3855	4.00	cps
Boron	11-1	15205	15841	16828	15958	5.13	cps
Bromine	81-1	1912	1772	1482	1722	12.75	cps
Cadmium	111-1	9739	10052	9699	9830	1.97	cps
Cadmium	106-1	1984	1909	1967	1953	2.02	cps
Cadmium	108-1	1129	1179	1200	1170	3.11	cps
Calcium	43-1	505795	517077	517423	513432	1.29	cps
Calcium	44-1	8315375	8430873	8646849	8464366	1.99	cps
Carbon	12-1	8839813	9255247	9204652	9099904	2.49	cps
Carbon	12-2	106383	108314	104882	106526	1.62	cps
Chlorine	35-1	7133117	8378783	9326991	8279630	13.29	cps
Chlorine	35-2	106263	109144	114257	109888	3.68	cps
Chromium	52-2	25553	25246	24274	25024	2.67	cps
Cobalt	59-2	21984	22177	22197	22119	0.53	cps
Copper	63-2	22187	22324	21530	22014	1.93	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	20	17	13	17	20.01	cps
Holmium	165-1	2837435	2836621	2843910	2839322	0.14	cps
Holmium	165-2	1443647	1484089	1505420	1477719	2.12	cps
Indium	115-1	2465938	2433201	2477914	2459018	0.94	cps
Indium	115-2	445805	465064	462961	457943	2.31	cps
Iron	54-2	2777578	2767173	2706248	2750333	1.40	cps
Iron	56-2	49891772	49114633	49150409	49385605	0.89	cps
Iron	57-2	1227190	1221922	1210446	1219853	0.70	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:08:10	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1413	1440	1403	1419	1.34	cps
Lead	206-1	30469	30848	31940	31086	2.46	cps
Lead	207-1	25225	25665	25737	25542	1.08	cps
Lead	208-1	117006	118851	119641	118499	1.14	cps
Lithium	6-1	1344571	1380471	1363648	1362897	1.32	cps
Magnesium	24-2	4729729	4657835	4627875	4671813	1.12	cps
Manganese	55-2	8689	8416	8406	8504	1.89	cps
Molybdenum	94-1	1216380	1246434	1252169	1238328	1.55	cps
Molybdenum	95-1	2013694	2137885	2088853	2080144	3.01	cps
Molybdenum	96-1	2185815	2299075	2253536	2246142	2.54	cps
Molybdenum	97-1	1259825	1285433	1295488	1280249	1.44	cps
Molybdenum	98-1	3247910	3368100	3368035	3328015	2.08	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	7365	7332	7068	7255	2.24	cps
Phosphorus	31-2	126120	127322	123833	125759	1.41	cps
Potassium	39-2	3748050	3683993	3649979	3694007	1.35	cps
Rhodium	103-1	2453267	2444573	2424838	2440893	0.60	cps
Rhodium	103-2	1111321	1144863	1161323	1139169	2.24	cps
Scandium	45-1	1598390	1566637	1622642	1595890	1.76	cps
Scandium	45-2	66161	67933	69236	67777	2.28	cps
Selenium	82-1	723	725	765	738	3.21	cps
Selenium	77-2	13	13	7	11	34.61	cps
Selenium	78-2	104	113	113	110	4.72	cps
Silicon	28-1	47663718	47483401	47129329	47425483	0.57	cps
Silver	107-1	46646	48310	47616	47524	1.76	cps
Silver	109-1	45350	46070	47323	46248	2.16	cps
Sodium	23-2	9137159	9099369	9040955	9092494	0.53	cps
Strontium	86-1	54532	57527	55728	55929	2.70	cps
Strontium	88-1	455863	472415	465752	464677	1.79	cps
Sulfur	34-1	1020038	1034362	1039804	1031401	0.99	cps
Terbium	159-1	3016427	2923062	3018965	2986151	1.83	cps
Terbium	159-2	1441640	1500882	1513169	1485231	2.58	cps
Thallium	203-1	30813	31464	30311	30862	1.87	cps
Thallium	205-1	72478	74397	74833	73902	1.70	cps
Tin	118-1	75525	78568	79321	77805	2.58	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:08:10	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	598032	610228	617559	608606	1.62	cps
Uranium	238-1	226040	234754	233182	231325	2.01	cps
Vanadium	51-2	10104	9803	9750	9886	1.93	cps
Ytterbium	172-1	8	0	8	6	86.60	cps
Ytterbium	172-2	0	0	22	7	173.21	cps
Ytterbium	176-1	283	275	333	297	10.62	cps
Ytterbium	176-2	283	261	411	319	25.42	cps
Yttrium	89-1	3951873	3890509	3857385	3899922	1.23	cps
Yttrium	89-2	487960	506098	508001	500686	2.21	cps
Zinc	66-2	3607	3651	3540	3599	1.54	cps
Zirconium	90-1	172881	178408	178068	176452	1.76	cps
Zirconium	91-1	37986	37927	40301	38738	3.50	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:11:05	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	924499	914604	922106	920403	0.56	cps
Antimony	121-1	1109455	1132853	1131069	1124459	1.16	cps
Arsenic	75-2	43039	42523	42801	42788	0.60	cps
Barium	135-1	1145155	1169882	1162886	1159308	1.10	cps
Barium	137-1	2016611	2045134	2005084	2022276	1.02	cps
Beryllium	9-1	415169	424334	425964	421822	1.38	cps
Bismuth	209-1	1590827	1615526	1628561	1611638	1.19	cps
Bismuth	209-2	1010278	984823	995234	996778	1.28	cps
Boron	10-1	27809	30746	31964	30173	7.08	cps
Boron	11-1	117166	130075	137201	128147	7.92	cps
Bromine	81-1	1542	1582	1542	1555	1.49	cps
Cadmium	111-1	239452	243226	241900	241526	0.79	cps
Cadmium	106-1	26710	27152	26768	26877	0.89	cps
Cadmium	108-1	18162	18917	18675	18585	2.07	cps
Calcium	43-1	1361302	1385906	1375594	1374267	0.90	cps
Calcium	44-1	21668893	22364940	22274375	22102736	1.71	cps
Carbon	12-1	2739300	2847608	2955720	2847543	3.80	cps
Carbon	12-2	36947	36195	37056	36733	1.28	cps
Chlorine	35-1	2935491	2763417	2678964	2792624	4.68	cps
Chlorine	35-2	24638	23837	22201	23559	5.27	cps
Chromium	52-2	314425	314983	315354	314921	0.15	cps
Cobalt	59-2	520007	517572	518820	518800	0.23	cps
Copper	63-2	3814146	3880295	3893692	3862711	1.10	cps
Dysprosium	156-1	242	342	208	264	26.29	cps
Dysprosium	156-2	120	167	130	139	17.69	cps
Erbium	164-1	50	75	33	53	39.74	cps
Erbium	164-2	17	27	43	29	46.62	cps
Gadolinium	160-1	300	292	250	281	9.55	cps
Gadolinium	160-2	167	133	190	163	17.43	cps
Holmium	165-1	2776642	2840022	2880755	2832473	1.85	cps
Holmium	165-2	1455772	1431585	1436204	1441187	0.89	cps
Indium	115-1	2411507	2450188	2420181	2427292	0.84	cps
Indium	115-2	443919	436839	438248	439669	0.85	cps
Iron	54-2	3503891	3454284	3470083	3476086	0.73	cps
Iron	56-2	63587554	62860675	62579285	63009171	0.83	cps
Iron	57-2	1603684	1590293	1584947	1592974	0.61	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:11:05	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1447	1493	1457	1466	1.68	cps
Lead	206-1	3147699	3263332	3232690	3214574	1.86	cps
Lead	207-1	2843576	2859275	2865032	2855961	0.39	cps
Lead	208-1	12760896	12924107	12876451	12853818	0.65	cps
Lithium	6-1	1300505	1344876	1352481	1332621	2.11	cps
Magnesium	24-2	12430584	12580823	12338257	12449888	0.98	cps
Manganese	55-2	1581818	1559193	1580379	1573796	0.80	cps
Molybdenum	94-1	2184799	2252598	2247899	2228432	1.70	cps
Molybdenum	95-1	2743829	2827927	2776969	2782908	1.52	cps
Molybdenum	96-1	3029171	3095754	3018625	3047850	1.37	cps
Molybdenum	97-1	1700684	1713953	1689760	1701466	0.71	cps
Molybdenum	98-1	4326827	4451582	4388165	4388858	1.42	cps
Neodymium	150-1	40	67	67	58	26.65	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	143879	141650	142923	142817	0.78	cps
Phosphorus	31-2	14024	13423	13065	13504	3.59	cps
Potassium	39-2	4721762	4715362	4796859	4744661	0.96	cps
Rhodium	103-1	2363478	2308622	2357180	2343093	1.28	cps
Rhodium	103-2	1095643	1087028	1095873	1092848	0.46	cps
Scandium	45-1	1575368	1618357	1617632	1603786	1.53	cps
Scandium	45-2	65723	65632	66121	65825	0.40	cps
Selenium	82-1	16832	17264	17203	17100	1.37	cps
Selenium	77-2	690	663	633	662	4.28	cps
Selenium	78-2	2124	2130	2147	2134	0.56	cps
Silicon	28-1	48304573	47573109	47635130	47837604	0.85	cps
Silver	107-1	1239634	1273945	1265223	1259601	1.42	cps
Silver	109-1	1199630	1198933	1213544	1204036	0.68	cps
Sodium	23-2	23524004	23206111	23131886	23287334	0.89	cps
Strontium	86-1	3263528	3328413	3239386	3277109	1.40	cps
Strontium	88-1	27511221	27986501	27709656	27735793	0.86	cps
Sulfur	34-1	477136	487239	490562	484979	1.44	cps
Terbium	159-1	3001630	3003426	3006653	3003903	0.08	cps
Terbium	159-2	1458027	1436831	1457460	1450773	0.83	cps
Thallium	203-1	758876	778466	778003	771782	1.45	cps
Thallium	205-1	1854478	1891315	1826835	1857543	1.74	cps
Tin	118-1	761126	773966	775213	770102	1.01	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:11:05	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	738696	769086	762830	756871	2.12	cps
Uranium	238-1	2371251	2367745	2459319	2399439	2.16	cps
Vanadium	51-2	257881	257377	252765	256008	1.10	cps
Ytterbium	172-1	25	8	25	19	49.50	cps
Ytterbium	172-2	11	6	0	6	99.97	cps
Ytterbium	176-1	333	333	325	331	1.46	cps
Ytterbium	176-2	272	261	228	254	9.12	cps
Yttrium	89-1	3865871	3855131	3899160	3873387	0.59	cps
Yttrium	89-2	483852	486235	486425	485504	0.30	cps
Zinc	66-2	559775	563940	563538	562418	0.41	cps
Zirconium	90-1	1765961	1808775	1800390	1791709	1.27	cps
Zirconium	91-1	391118	395315	397873	394769	0.86	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P8
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 14:23:59 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	212	239	235	229	6.20	cps
Antimony	121-1	67	100	67	78	24.74	cps
Arsenic	75-2	10	6	5	7	37.80	cps
Barium	135-1	17	25	17	19	24.73	cps
Barium	137-1	33	8	33	25	57.74	cps
Beryllium	9-1	42	26	18	29	42.62	cps
Bismuth	209-1	1659026	1601546	1586717	1615763	2.36	cps
Bismuth	209-2	992041	1008113	1007199	1002451	0.90	cps
Boron	10-1	604	610	618	611	1.15	cps
Boron	11-1	2648	2544	2486	2559	3.21	cps
Bromine	81-1	1662	1432	1412	1502	9.26	cps
Cadmium	111-1	155	179	149	161	9.79	cps
Cadmium	106-1	675	842	717	744	11.65	cps
Cadmium	108-1	13	21	4	13	66.64	cps
Calcium	43-1	236	262	265	255	6.26	cps
Calcium	44-1	51526	51400	51475	51467	0.12	cps
Carbon	12-1	2151614	2139803	2142992	2144803	0.28	cps
Carbon	12-2	24003	23678	23945	23875	0.73	cps
Chlorine	35-1	546168	544118	530858	540381	1.54	cps
Chlorine	35-2	5418	5209	4868	5165	5.38	cps
Chromium	52-2	580	550	663	598	9.82	cps
Cobalt	59-2	43	27	60	43	38.46	cps
Copper	63-2	327	250	203	260	23.95	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	42	8	25	66.68	cps
Erbium	164-2	0	3	17	7	132.33	cps
Gadolinium	160-1	8	17	33	19	65.47	cps
Gadolinium	160-2	17	10	13	13	25.01	cps
Holmium	165-1	2726738	2703205	2670521	2700155	1.05	cps
Holmium	165-2	1399653	1402385	1408430	1403489	0.32	cps
Indium	115-1	2421631	2495851	2438349	2451944	1.59	cps
Indium	115-2	448416	447920	450450	448929	0.30	cps
Iron	54-2	467	406	428	433	7.14	cps
Iron	56-2	2078	2022	2084	2061	1.64	cps
Iron	57-2	100	194	128	141	34.49	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:23:59	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1457	1420	1523	1467	3.57	cps
Lead	206-1	294	317	283	298	5.69	cps
Lead	207-1	356	389	294	346	13.83	cps
Lead	208-1	1372	1456	1378	1402	3.32	cps
Lithium	6-1	1302510	1283104	1300125	1295246	0.82	cps
Magnesium	24-2	300	383	408	364	15.59	cps
Manganese	55-2	83	60	77	73	16.39	cps
Molybdenum	94-1	158	133	117	136	15.41	cps
Molybdenum	95-1	75	50	67	64	19.92	cps
Molybdenum	96-1	83	75	117	92	24.05	cps
Molybdenum	97-1	25	42	50	39	32.73	cps
Molybdenum	98-1	117	92	83	97	17.84	cps
Neodymium	150-1	27	7	20	18	57.27	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	30	27	23	27	12.51	cps
Phosphorus	31-2	175	108	183	156	26.43	cps
Potassium	39-2	25281	24605	24739	24875	1.44	cps
Rhodium	103-1	2423640	2457632	2415510	2432261	0.92	cps
Rhodium	103-2	1109514	1118860	1115941	1114772	0.43	cps
Scandium	45-1	1527341	1559677	1531797	1539605	1.14	cps
Scandium	45-2	65666	65274	64899	65280	0.59	cps
Selenium	82-1	-40	-11	-111	-54	-94.94	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	28	33	24	28	15.91	cps
Silicon	28-1	46913271	47059357	46989764	46987464	0.16	cps
Silver	107-1	17	58	33	36	58.08	cps
Silver	109-1	25	42	8	25	66.68	cps
Sodium	23-2	11597	11605	11396	11533	1.02	cps
Strontium	86-1	2242	2200	2100	2181	3.34	cps
Strontium	88-1	233	275	242	250	8.82	cps
Sulfur	34-1	393120	393347	393384	393283	0.04	cps
Terbium	159-1	2898493	2855410	2877441	2877115	0.75	cps
Terbium	159-2	1431489	1413099	1423988	1422859	0.65	cps
Thallium	203-1	142	233	175	183	25.31	cps
Thallium	205-1	517	442	442	467	9.28	cps
Tin	118-1	192	175	292	219	28.75	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:23:59	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	242	225	225	7.41	cps
Uranium	238-1	25	25	67	39	61.86	cps
Vanadium	51-2	13	7	7	9	43.25	cps
Ytterbium	172-1	17	8	0	8	100.02	cps
Ytterbium	172-2	6	11	6	7	43.24	cps
Ytterbium	176-1	217	367	300	294	25.53	cps
Ytterbium	176-2	283	333	294	304	8.65	cps
Yttrium	89-1	3772929	3760199	3695348	3742825	1.11	cps
Yttrium	89-2	478773	482366	483078	481406	0.48	cps
Zinc	66-2	63	87	83	78	16.23	cps
Zirconium	90-1	258	258	225	247	7.78	cps
Zirconium	91-1	33	92	33	53	63.82	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 14:27:02 DataFile Name : 018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	552	664	610	609	9.14	cps
Antimony	121-1	4276	4384	4668	4443	4.55	cps
Arsenic	75-2	109	82	112	101	16.36	cps
Barium	135-1	4734	4476	4493	4568	3.17	cps
Barium	137-1	7594	7861	7777	7744	1.76	cps
Beryllium	9-1	796	898	866	853	6.11	cps
Bismuth	209-1	1591227	1600841	1652138	1614735	2.03	cps
Bismuth	209-2	1004776	1004033	1004880	1004563	0.05	cps
Boron	10-1	1604	1790	1862	1752	7.60	cps
Boron	11-1	6742	7642	7869	7418	8.03	cps
Bromine	81-1	1472	1542	1402	1472	4.76	cps
Cadmium	111-1	559	587	543	563	3.97	cps
Cadmium	106-1	750	875	817	814	7.69	cps
Cadmium	108-1	58	54	71	61	14.20	cps
Calcium	43-1	2880	2769	2872	2840	2.19	cps
Calcium	44-1	92596	92907	92957	92820	0.21	cps
Carbon	12-1	2198712	2216306	2203527	2206182	0.41	cps
Carbon	12-2	24654	24137	25556	24782	2.90	cps
Chlorine	35-1	479719	476543	470789	475684	0.95	cps
Chlorine	35-2	4693	4726	4442	4620	3.35	cps
Chromium	52-2	1837	1767	1680	1761	4.46	cps
Cobalt	59-2	1140	1083	1080	1101	3.06	cps
Copper	63-2	1687	1827	1873	1796	5.41	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	0	8	0	3	173.21	cps
Gadolinium	160-2	3	13	3	7	86.65	cps
Holmium	165-1	2701776	2720913	2720841	2714510	0.41	cps
Holmium	165-2	1397187	1396969	1392419	1395525	0.19	cps
Indium	115-1	2394704	2426498	2510406	2443870	2.45	cps
Indium	115-2	451818	446123	452881	450274	0.81	cps
Iron	54-2	1906	1883	1806	1865	2.82	cps
Iron	56-2	26764	27043	27699	27169	1.77	cps
Iron	57-2	683	739	744	722	4.68	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:27:02	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1393	1470	1430	1431	2.68	cps
Lead	206-1	1545	1606	1572	1574	1.94	cps
Lead	207-1	1095	1272	1406	1257	12.41	cps
Lead	208-1	5795	6156	6101	6017	3.23	cps
Lithium	6-1	1321329	1346493	1298515	1322112	1.82	cps
Magnesium	24-2	25064	23645	25256	24655	3.57	cps
Manganese	55-2	343	383	323	350	8.73	cps
Molybdenum	94-1	4092	4151	4009	4084	1.74	cps
Molybdenum	95-1	5301	5159	5059	5173	2.35	cps
Molybdenum	96-1	5626	5960	5885	5824	3.00	cps
Molybdenum	97-1	3167	3401	3225	3264	3.72	cps
Molybdenum	98-1	8078	7886	8369	8111	3.00	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	360	257	333	317	16.94	cps
Phosphorus	31-2	183	158	150	164	10.58	cps
Potassium	39-2	43683	43073	42705	43154	1.14	cps
Rhodium	103-1	2389563	2409023	2418163	2405583	0.61	cps
Rhodium	103-2	1122941	1122507	1115234	1120227	0.39	cps
Scandium	45-1	1525504	1563032	1572215	1553583	1.59	cps
Scandium	45-2	64691	64373	64618	64561	0.26	cps
Selenium	82-1	191	91	160	148	34.67	cps
Selenium	77-2	0	13	0	4	173.21	cps
Selenium	78-2	49	58	54	54	8.40	cps
Silicon	28-1	47394347	46758889	47275180	47142805	0.72	cps
Silver	107-1	2092	2450	2517	2353	9.72	cps
Silver	109-1	2117	2334	2267	2239	4.96	cps
Sodium	23-2	56100	56159	55807	56022	0.34	cps
Strontium	86-1	2834	3200	2825	2953	7.25	cps
Strontium	88-1	5443	5735	5885	5687	3.95	cps
Sulfur	34-1	401161	392065	396480	396569	1.15	cps
Terbium	159-1	2839055	2893652	2868212	2866973	0.95	cps
Terbium	159-2	1421002	1415403	1414415	1416940	0.25	cps
Thallium	203-1	1592	1659	1650	1633	2.22	cps
Thallium	205-1	3909	3809	4142	3953	4.33	cps
Tin	118-1	7836	8078	7085	7666	6.75	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:27:02	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1783	1783	1875	1814	2.92	cps
Uranium	238-1	4526	4426	4684	4545	2.87	cps
Vanadium	51-2	2454	2530	2410	2465	2.47	cps
Ytterbium	172-1	8	25	17	17	50.01	cps
Ytterbium	172-2	0	6	6	4	86.60	cps
Ytterbium	176-1	275	258	333	289	13.63	cps
Ytterbium	176-2	261	256	272	263	3.23	cps
Yttrium	89-1	3729788	3751943	3780577	3754103	0.68	cps
Yttrium	89-2	484755	476833	484964	482184	0.96	cps
Zinc	66-2	333	357	350	347	3.47	cps
Zirconium	90-1	3659	3342	3767	3589	6.15	cps
Zirconium	91-1	750	783	758	764	2.27	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : PB136625BL Instrumnet Name : P8
 Client Sample ID : PB136625BL Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 14:30:07 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195	235	215	215	9.30	cps
Antimony	121-1	50	42	67	53	24.12	cps
Arsenic	75-2	5	3	9	6	53.91	cps
Barium	135-1	8	8	8	8	0.00	cps
Barium	137-1	17	17	33	22	43.28	cps
Beryllium	9-1	18	16	18	17	6.66	cps
Bismuth	209-1	1578878	1578209	1592524	1583203	0.51	cps
Bismuth	209-2	971578	983818	1013352	989583	2.17	cps
Boron	10-1	626	608	640	625	2.57	cps
Boron	11-1	2644	2542	2540	2575	2.31	cps
Bromine	81-1	1482	1402	1582	1488	6.07	cps
Cadmium	111-1	173	176	138	162	13.16	cps
Cadmium	106-1	817	783	633	744	13.12	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	269	195	222	229	16.29	cps
Calcium	44-1	51731	51583	51340	51551	0.38	cps
Carbon	12-1	2186063	2155974	2146173	2162737	0.96	cps
Carbon	12-2	24412	24888	24229	24510	1.39	cps
Chlorine	35-1	409443	403404	399731	404193	1.21	cps
Chlorine	35-2	3809	3759	3992	3853	3.19	cps
Chromium	52-2	490	620	550	553	11.76	cps
Cobalt	59-2	33	37	37	36	5.42	cps
Copper	63-2	227	227	193	216	8.93	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	2664081	2658547	2687198	2669942	0.57	cps
Holmium	165-2	1334411	1379729	1410905	1375015	2.80	cps
Indium	115-1	2387722	2419412	2393273	2400136	0.71	cps
Indium	115-2	435247	445321	448723	443097	1.58	cps
Iron	54-2	450	461	417	443	5.23	cps
Iron	56-2	1606	1645	1467	1572	5.94	cps
Iron	57-2	50	94	122	89	40.98	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	PB136625BL	Instrumnet Name :	P8
Client Sample ID :	PB136625BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:30:07	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1400	1503	1563	1489	5.55	cps
Lead	206-1	244	317	344	302	17.10	cps
Lead	207-1	217	283	183	228	22.35	cps
Lead	208-1	1106	1083	1078	1089	1.35	cps
Lithium	6-1	1293233	1313889	1311784	1306302	0.87	cps
Magnesium	24-2	325	300	342	322	6.51	cps
Manganese	55-2	43	33	47	41	16.89	cps
Molybdenum	94-1	25	92	75	64	54.31	cps
Molybdenum	95-1	25	8	33	22	57.29	cps
Molybdenum	96-1	75	50	42	56	31.22	cps
Molybdenum	97-1	25	17	33	25	33.32	cps
Molybdenum	98-1	92	25	25	47	81.51	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	23	23	27	24	7.89	cps
Phosphorus	31-2	142	175	83	133	34.80	cps
Potassium	39-2	24313	24647	24872	24610	1.14	cps
Rhodium	103-1	2419909	2393140	2409947	2407665	0.56	cps
Rhodium	103-2	1078568	1112412	1121771	1104250	2.06	cps
Scandium	45-1	1551223	1515948	1494836	1520669	1.87	cps
Scandium	45-2	62609	65917	64996	64507	2.65	cps
Selenium	82-1	75	-84	-121	-44	-238.85	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	23	25	29	26	11.90	cps
Silicon	28-1	46978932	47356326	47038391	47124550	0.43	cps
Silver	107-1	58	33	58	50	28.87	cps
Silver	109-1	17	42	75	44	65.84	cps
Sodium	23-2	10120	10404	9995	10173	2.06	cps
Strontium	86-1	2267	2367	2325	2320	2.17	cps
Strontium	88-1	175	83	150	136	34.81	cps
Sulfur	34-1	395094	403226	404183	400834	1.25	cps
Terbium	159-1	2833071	2863824	2803678	2833524	1.06	cps
Terbium	159-2	1367447	1399836	1426995	1398093	2.13	cps
Thallium	203-1	208	192	133	178	22.15	cps
Thallium	205-1	375	342	417	378	9.95	cps
Tin	118-1	167	283	125	192	42.82	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	PB136625BL	Instrumnet Name :	P8
Client Sample ID :	PB136625BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:30:07	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	242	175	200	18.16	cps
Uranium	238-1	0	17	8	8	100.02	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Ytterbium	172-1	8	25	8	14	69.31	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	325	267	283	292	10.30	cps
Ytterbium	176-2	239	289	267	265	9.46	cps
Yttrium	89-1	3650497	3770084	3767929	3729503	1.83	cps
Yttrium	89-2	463202	475386	477517	472035	1.64	cps
Zinc	66-2	67	110	100	92	24.60	cps
Zirconium	90-1	150	258	217	208	26.23	cps
Zirconium	91-1	67	50	42	53	24.12	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : PB136625BS Instrumnet Name : P8
 Client Sample ID : PB136625BS Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 14:33:10 DataFile Name : 020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	182165	181859	180194	181406	0.58	cps
Antimony	121-1	1069617	1084456	1099549	1084541	1.38	cps
Arsenic	75-2	41925	41786	41681	41797	0.29	cps
Barium	135-1	1094478	1102194	1117126	1104600	1.04	cps
Barium	137-1	1962638	1963509	2022159	1982769	1.72	cps
Beryllium	9-1	412793	414515	419340	415549	0.82	cps
Bismuth	209-1	1617216	1584342	1614014	1605191	1.13	cps
Bismuth	209-2	1002597	1002860	1006954	1004137	0.24	cps
Boron	10-1	24151	27025	28848	26675	8.88	cps
Boron	11-1	101805	114772	123120	113233	9.49	cps
Bromine	81-1	1742	1402	1392	1512	13.20	cps
Cadmium	111-1	233925	236559	238832	236439	1.04	cps
Cadmium	106-1	25416	26376	26626	26139	2.44	cps
Cadmium	108-1	17941	17966	18283	18063	1.06	cps
Calcium	43-1	268643	271503	270482	270209	0.54	cps
Calcium	44-1	4387350	4479410	4508264	4458341	1.42	cps
Carbon	12-1	2587392	2596250	2697384	2627009	2.33	cps
Carbon	12-2	32336	31910	32044	32097	0.68	cps
Chlorine	35-1	403699	408866	411505	408023	0.97	cps
Chlorine	35-2	4267	4017	3967	4084	3.94	cps
Chromium	52-2	307257	306980	304912	306383	0.42	cps
Cobalt	59-2	515801	512079	508938	512273	0.67	cps
Copper	63-2	3897428	3864240	3815189	3858952	1.07	cps
Dysprosium	156-1	67	58	58	61	7.88	cps
Dysprosium	156-2	23	30	20	24	20.83	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	75	58	83	72	17.63	cps
Gadolinium	160-2	47	37	43	42	12.06	cps
Holmium	165-1	2700583	2763058	2806107	2756583	1.92	cps
Holmium	165-2	1409671	1404205	1413936	1409271	0.35	cps
Indium	115-1	2428533	2409353	2414142	2417343	0.41	cps
Indium	115-2	439441	432522	435220	435728	0.80	cps
Iron	54-2	693465	683604	679615	685561	1.04	cps
Iron	56-2	12602976	12474230	12365971	12481059	0.95	cps
Iron	57-2	310720	307822	306646	308396	0.68	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	PB136625BS	Instrumnet Name :	P8
Client Sample ID :	PB136625BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:33:10	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1423	1477	1430	1443	2.01	cps
Lead	206-1	3219753	3177308	3267564	3221542	1.40	cps
Lead	207-1	2807109	2796715	2837073	2813632	0.74	cps
Lead	208-1	12626607	12656894	12946533	12743344	1.39	cps
Lithium	6-1	1304606	1309300	1348271	1320726	1.81	cps
Magnesium	24-2	2579461	2495104	2479879	2518148	2.13	cps
Manganese	55-2	1585324	1538397	1538988	1554236	1.73	cps
Molybdenum	94-1	2095318	2133153	2157956	2128809	1.48	cps
Molybdenum	95-1	2636645	2731247	2729813	2699235	2.01	cps
Molybdenum	96-1	2938725	3010298	3032103	2993709	1.63	cps
Molybdenum	97-1	1661319	1679490	1664769	1668526	0.58	cps
Molybdenum	98-1	4223385	4336655	4269550	4276530	1.33	cps
Neodymium	150-1	27	27	40	31	24.74	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	141361	139900	139607	140289	0.67	cps
Phosphorus	31-2	13231	12247	12898	12792	3.91	cps
Potassium	39-2	984792	981195	975031	980339	0.50	cps
Rhodium	103-1	2365737	2372584	2396837	2378386	0.69	cps
Rhodium	103-2	1102000	1088523	1096676	1095733	0.62	cps
Scandium	45-1	1524185	1570736	1586829	1560583	2.08	cps
Scandium	45-2	65857	65478	63610	64981	1.85	cps
Selenium	82-1	16520	16650	16851	16674	1.00	cps
Selenium	77-2	607	587	617	603	2.53	cps
Selenium	78-2	2086	2063	2132	2094	1.68	cps
Silicon	28-1	48280025	48115270	47979218	48124838	0.31	cps
Silver	107-1	1230163	1257654	1244893	1244236	1.11	cps
Silver	109-1	1196467	1184112	1201268	1193949	0.74	cps
Sodium	23-2	4681254	4640159	4539497	4620303	1.58	cps
Strontium	86-1	3113134	3117436	3173766	3134778	1.08	cps
Strontium	88-1	26208864	26313767	26677386	26400005	0.93	cps
Sulfur	34-1	493611	496655	492709	494325	0.42	cps
Terbium	159-1	2907160	2877115	2929481	2904585	0.90	cps
Terbium	159-2	1434792	1412846	1441164	1429601	1.04	cps
Thallium	203-1	743725	749403	750837	747988	0.50	cps
Thallium	205-1	1810829	1822275	1859685	1830930	1.40	cps
Tin	118-1	744748	760369	761357	755491	1.23	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	PB136625BS	Instrumnet Name :	P8
Client Sample ID :	PB136625BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:33:10	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	720592	746040	731678	732770	1.74	cps
Uranium	238-1	2267334	2260059	2287308	2271567	0.62	cps
Vanadium	51-2	249078	245780	245926	246928	0.75	cps
Ytterbium	172-1	8	25	0	11	114.58	cps
Ytterbium	172-2	6	11	0	6	99.97	cps
Ytterbium	176-1	292	325	283	300	7.35	cps
Ytterbium	176-2	206	267	239	237	12.91	cps
Yttrium	89-1	3783175	3723917	3736663	3747919	0.83	cps
Yttrium	89-2	476906	468139	473116	472720	0.93	cps
Zinc	66-2	558990	561718	549908	556872	1.11	cps
Zirconium	90-1	1671015	1677177	1689947	1679379	0.57	cps
Zirconium	91-1	368296	368068	371029	369131	0.45	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01RE	Instrumnet Name :	P8
Client Sample ID :	MW-2RE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:44:22	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	382	391	436	403	7.15	cps
Antimony	121-1	3292	3776	4843	3970	19.99	cps
Arsenic	75-2	55	50	49	51	6.26	cps
Barium	135-1	35364	36207	38556	36709	4.51	cps
Barium	137-1	61650	62821	66707	63726	4.15	cps
Beryllium	9-1	28	38	88	51	62.63	cps
Bismuth	209-1	1553580	1707895	1784562	1682012	6.99	cps
Bismuth	209-2	905710	896749	885927	896129	1.11	cps
Boron	10-1	7424	7646	7827	7632	2.64	cps
Boron	11-1	31215	34976	37460	34550	9.10	cps
Bromine	81-1	7119	8321	9353	8264	13.53	cps
Cadmium	111-1	595	746	1009	783	26.76	cps
Cadmium	106-1	608	617	808	678	16.69	cps
Cadmium	108-1	50	75	75	67	21.65	cps
Calcium	43-1	133339	138205	143950	138498	3.84	cps
Calcium	44-1	2290565	2383358	2472372	2382098	3.82	cps
Carbon	12-1	3326033	3629214	3845098	3600115	7.24	cps
Carbon	12-2	44409	46399	46273	45694	2.44	cps
Chlorine	35-1	173853941	217618826	243839872	211770880	16.70	cps
Chlorine	35-2	2713098	2839393	2924701	2825731	3.77	cps
Chromium	52-2	903	973	803	893	9.56	cps
Cobalt	59-2	9740	9817	9747	9768	0.44	cps
Copper	63-2	5721	5544	5758	5675	2.01	cps
Dysprosium	156-1	0	42	17	19	107.85	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	50	33	17	33	50.00	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	17	58	8	28	96.44	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	2420656	2700275	2890993	2670641	8.86	cps
Holmium	165-2	1253338	1235831	1230971	1240046	0.95	cps
Indium	115-1	2182948	2442003	2511231	2378727	7.27	cps
Indium	115-2	392427	389899	388404	390243	0.52	cps
Iron	54-2	79643	78141	76884	78223	1.77	cps
Iron	56-2	1439460	1431770	1467692	1446307	1.31	cps
Iron	57-2	35589	35288	35233	35370	0.54	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01RE	Instrumnet Name :	P8
Client Sample ID :	MW-2RE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:44:22	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1423	1440	1403	1422	1.29	cps
Lead	206-1	2828	3050	3512	3130	11.15	cps
Lead	207-1	2322	2728	3001	2684	12.72	cps
Lead	208-1	11230	12753	14072	12685	11.21	cps
Lithium	6-1	1938495	2244955	2265183	2149544	8.52	cps
Magnesium	24-2	504568	506402	496424	502465	1.06	cps
Manganese	55-2	646445	639549	651216	645737	0.91	cps
Molybdenum	94-1	533	508	1034	692	42.83	cps
Molybdenum	95-1	783	717	2228	1243	68.72	cps
Molybdenum	96-1	783	967	2796	1515	73.43	cps
Molybdenum	97-1	458	442	2086	995	94.90	cps
Molybdenum	98-1	1200	1225	5136	2520	89.88	cps
Neodymium	150-1	27	7	27	20	57.73	cps
Neodymium	150-2	10	0	13	8	89.21	cps
Nickel	60-2	2320	2357	2147	2275	4.93	cps
Phosphorus	31-2	117	108	117	114	4.22	cps
Potassium	39-2	114520	114949	113804	114424	0.51	cps
Rhodium	103-1	2082415	2313654	2387440	2261170	7.04	cps
Rhodium	103-2	1055601	1031774	1031110	1039495	1.34	cps
Scandium	45-1	1381664	1546559	1599634	1509286	7.53	cps
Scandium	45-2	62304	60547	60858	61236	1.53	cps
Selenium	82-1	6	-20	117	34	212.15	cps
Selenium	77-2	0	7	13	7	99.98	cps
Selenium	78-2	31	25	33	30	14.03	cps
Silicon	28-1	62390843	60344389	58454412	60396548	3.26	cps
Silver	107-1	1875	2517	2350	2247	14.82	cps
Silver	109-1	1884	2400	2467	2250	14.19	cps
Sodium	23-2	956710	956608	952423	955247	0.26	cps
Strontium	86-1	112341	116852	117382	115525	2.40	cps
Strontium	88-1	937023	966584	991601	965069	2.83	cps
Sulfur	34-1	487745	478359	471083	479062	1.74	cps
Terbium	159-1	2606705	2907704	2961394	2825268	6.77	cps
Terbium	159-2	1263581	1262951	1243548	1256693	0.91	cps
Thallium	203-1	4051	5101	4701	4618	11.48	cps
Thallium	205-1	10188	12657	10839	11228	11.40	cps
Tin	118-1	6844	9921	11263	9343	24.25	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01RE	Instrumnet Name :	P8
Client Sample ID :	MW-2RE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:44:22	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442	425	608	492	20.62	cps
Uranium	238-1	200	208	683	364	76.05	cps
Vanadium	51-2	447	430	400	426	5.56	cps
Ytterbium	172-1	8	33	17	19	65.47	cps
Ytterbium	172-2	0	11	11	7	86.60	cps
Ytterbium	176-1	275	300	258	278	7.55	cps
Ytterbium	176-2	350	178	256	261	33.03	cps
Yttrium	89-1	3233138	3674691	3760018	3555949	7.95	cps
Yttrium	89-2	432258	428204	423024	427829	1.08	cps
Zinc	66-2	1833	1740	1740	1771	3.04	cps
Zirconium	90-1	417	500	550	489	13.78	cps
Zirconium	91-1	100	100	225	142	50.95	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : M2504-01DUPRE Instrumnet Name : P8
 Client Sample ID : MW-2DUPRE Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 14:47:23 DataFile Name : 022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	271	290	321	294	8.59	cps
Antimony	121-1	2550	2284	2509	2448	5.86	cps
Arsenic	75-2	59	56	52	56	6.31	cps
Barium	135-1	36433	36442	37586	36820	1.80	cps
Barium	137-1	62160	63474	64655	63430	1.97	cps
Beryllium	9-1	18	24	32	25	28.46	cps
Bismuth	209-1	1675533	1638413	1602958	1638968	2.21	cps
Bismuth	209-2	874256	884690	871910	876952	0.78	cps
Boron	10-1	6670	7264	7931	7288	8.65	cps
Boron	11-1	31421	34828	36758	34336	7.87	cps
Bromine	81-1	8041	9112	9413	8855	8.15	cps
Cadmium	111-1	380	328	433	380	13.87	cps
Cadmium	106-1	625	550	767	647	17.00	cps
Cadmium	108-1	29	58	29	39	43.29	cps
Calcium	43-1	140326	144663	144259	143082	1.67	cps
Calcium	44-1	2411450	2434789	2434084	2426774	0.55	cps
Carbon	12-1	3376547	3587249	3703740	3555846	4.66	cps
Carbon	12-2	44652	45872	45964	45496	1.61	cps
Chlorine	35-1	230398905	264932073	275267964	256866314	9.15	cps
Chlorine	35-2	2931689	3015478	3014833	2987333	1.61	cps
Chromium	52-2	787	893	830	837	6.41	cps
Cobalt	59-2	9994	9937	10317	10083	2.03	cps
Copper	63-2	5221	5084	4984	5097	2.33	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	25	17	8	17	50.01	cps
Gadolinium	160-2	3	37	10	17	105.85	cps
Holmium	165-1	2752133	2723210	2745893	2740412	0.56	cps
Holmium	165-2	1237999	1228716	1224553	1230423	0.56	cps
Indium	115-1	2403517	2439813	2424835	2422722	0.75	cps
Indium	115-2	384240	383163	385250	384218	0.27	cps
Iron	54-2	78085	77292	76202	77193	1.22	cps
Iron	56-2	1431594	1451488	1409899	1430993	1.45	cps
Iron	57-2	35773	34258	35890	35307	2.58	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01DUPRE	Instrumnet Name :	P8
Client Sample ID :	MW-2DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:47:23	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1477	1460	1350	1429	4.82	cps
Lead	206-1	983	1106	1167	1085	8.60	cps
Lead	207-1	900	1056	1056	1004	8.95	cps
Lead	208-1	4350	4512	4584	4482	2.67	cps
Lithium	6-1	1734985	1787576	1756601	1759721	1.50	cps
Magnesium	24-2	496869	496128	494694	495897	0.22	cps
Manganese	55-2	641877	635791	635790	637819	0.55	cps
Molybdenum	94-1	433	483	592	503	16.10	cps
Molybdenum	95-1	758	575	842	725	18.82	cps
Molybdenum	96-1	742	667	742	717	6.04	cps
Molybdenum	97-1	408	317	475	400	19.87	cps
Molybdenum	98-1	983	1358	1017	1120	18.54	cps
Neodymium	150-1	13	27	33	24	41.66	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	2217	2307	2310	2278	2.33	cps
Phosphorus	31-2	108	133	92	111	18.88	cps
Potassium	39-2	109943	110169	109094	109735	0.52	cps
Rhodium	103-1	2289172	2311549	2304355	2301692	0.50	cps
Rhodium	103-2	1040356	1042258	1043056	1041890	0.13	cps
Scandium	45-1	1547523	1540014	1587641	1558393	1.64	cps
Scandium	45-2	60775	60028	59419	60074	1.13	cps
Selenium	82-1	-65	-50	115	0	-42172.07	cps
Selenium	77-2	7	17	10	11	45.82	cps
Selenium	78-2	26	43	33	34	25.13	cps
Silicon	28-1	53317277	53424870	52639036	53127061	0.80	cps
Silver	107-1	792	742	717	750	5.09	cps
Silver	109-1	533	683	692	636	14.01	cps
Sodium	23-2	944512	934293	933642	937483	0.65	cps
Strontium	86-1	113920	113828	115483	114411	0.81	cps
Strontium	88-1	939051	977778	966885	961238	2.08	cps
Sulfur	34-1	443507	440223	431974	438568	1.35	cps
Terbium	159-1	2923425	2934268	2908303	2921999	0.45	cps
Terbium	159-2	1246255	1239589	1253648	1246497	0.56	cps
Thallium	203-1	450	733	650	611	23.83	cps
Thallium	205-1	1225	1342	1625	1397	14.72	cps
Tin	118-1	7244	8061	8228	7844	6.71	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01DUPRE	Instrumnet Name :	P8
Client Sample ID :	MW-2DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:47:23	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	383	467	533	461	16.30	cps
Uranium	238-1	175	250	167	197	23.27	cps
Vanadium	51-2	407	350	377	378	7.50	cps
Ytterbium	172-1	8	42	0	17	132.30	cps
Ytterbium	172-2	11	17	0	9	91.66	cps
Ytterbium	176-1	317	308	275	300	7.35	cps
Ytterbium	176-2	244	206	172	207	17.43	cps
Yttrium	89-1	3592110	3693325	3729114	3671517	1.94	cps
Yttrium	89-2	424858	419588	421964	422137	0.63	cps
Zinc	66-2	1760	1610	1740	1703	4.78	cps
Zirconium	90-1	225	183	192	200	11.02	cps
Zirconium	91-1	42	25	58	42	40.00	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-2L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 14:50:27	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	284	294	280	286	2.49	cps
Antimony	121-1	567	592	683	614	10.01	cps
Arsenic	75-2	23	11	20	18	34.69	cps
Barium	135-1	7577	7519	7419	7505	1.07	cps
Barium	137-1	12256	12848	12856	12653	2.72	cps
Beryllium	9-1	34	16	20	23	40.49	cps
Bismuth	209-1	1765308	1820064	1730447	1771939	2.55	cps
Bismuth	209-2	918765	916865	928409	921346	0.67	cps
Boron	10-1	2384	2440	2390	2404	1.28	cps
Boron	11-1	11388	11638	12129	11718	3.21	cps
Bromine	81-1	3865	3704	3995	3855	3.77	cps
Cadmium	111-1	240	176	237	218	16.54	cps
Cadmium	106-1	808	642	792	747	12.28	cps
Cadmium	108-1	13	21	25	19	32.73	cps
Calcium	43-1	29069	29732	29296	29366	1.15	cps
Calcium	44-1	530722	527280	531574	529859	0.43	cps
Carbon	12-1	2642469	2688916	2674616	2668667	0.89	cps
Carbon	12-2	32019	32094	31234	31782	1.50	cps
Chlorine	35-1	78809429	81563139	81898421	80756996	2.10	cps
Chlorine	35-2	823439	817300	807439	816059	0.99	cps
Chromium	52-2	770	690	777	746	6.47	cps
Cobalt	59-2	2180	2164	2017	2120	4.24	cps
Copper	63-2	1413	1307	1387	1369	4.06	cps
Dysprosium	156-1	42	0	0	14	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	30	3	10	14	96.09	cps
Gadolinium	160-1	42	17	17	25	57.73	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	2888171	2974595	2858363	2907043	2.08	cps
Holmium	165-2	1266702	1283706	1310860	1287089	1.73	cps
Indium	115-1	2537728	2598147	2502609	2546161	1.90	cps
Indium	115-2	403657	403687	410088	405810	0.91	cps
Iron	54-2	16460	16037	15981	16159	1.62	cps
Iron	56-2	293574	284818	293980	290790	1.78	cps
Iron	57-2	7157	7252	7663	7358	3.66	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-2L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 14:50:27	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1540	1480	1520	1513	2.02	cps
Lead	206-1	272	267	339	293	13.74	cps
Lead	207-1	256	333	306	298	13.22	cps
Lead	208-1	1211	1395	1178	1261	9.25	cps
Lithium	6-1	1323483	1363675	1381239	1356132	2.18	cps
Magnesium	24-2	101040	101343	101359	101248	0.18	cps
Manganese	55-2	132031	129915	131624	131190	0.86	cps
Molybdenum	94-1	175	250	208	211	17.80	cps
Molybdenum	95-1	217	208	158	194	16.22	cps
Molybdenum	96-1	200	200	208	203	2.37	cps
Molybdenum	97-1	75	83	92	83	10.00	cps
Molybdenum	98-1	225	242	275	247	10.30	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	437	430	490	452	7.27	cps
Phosphorus	31-2	150	142	150	147	3.27	cps
Potassium	39-2	40499	41795	40783	41026	1.66	cps
Rhodium	103-1	2464728	2511957	2420662	2465782	1.85	cps
Rhodium	103-2	1092322	1083682	1105123	1093709	0.99	cps
Scandium	45-1	1633000	1667675	1607386	1636020	1.85	cps
Scandium	45-2	63047	62010	63439	62832	1.18	cps
Selenium	82-1	-194	-39	-43	-92	-95.58	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	31	29	33	31	6.45	cps
Silicon	28-1	43034637	42761778	42791305	42862574	0.35	cps
Silver	107-1	258	217	258	244	9.84	cps
Silver	109-1	283	258	208	250	15.27	cps
Sodium	23-2	200574	200565	200989	200709	0.12	cps
Strontium	86-1	25632	25707	25248	25529	0.96	cps
Strontium	88-1	194399	200063	197591	197351	1.44	cps
Sulfur	34-1	361585	357247	361052	359961	0.66	cps
Terbium	159-1	3079056	3168032	2995465	3080851	2.80	cps
Terbium	159-2	1296510	1300110	1306094	1300905	0.37	cps
Thallium	203-1	142	167	175	161	10.77	cps
Thallium	205-1	442	367	417	408	9.35	cps
Tin	118-1	1075	950	950	992	7.28	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-2L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 14:50:27	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	317	383	342	347	9.70	cps
Uranium	238-1	58	33	42	44	28.65	cps
Vanadium	51-2	120	153	127	133	13.23	cps
Ytterbium	172-1	25	8	0	11	114.58	cps
Ytterbium	172-2	6	6	0	4	86.60	cps
Ytterbium	176-1	308	308	267	294	8.17	cps
Ytterbium	176-2	206	183	206	198	6.47	cps
Yttrium	89-1	3819441	3961543	3792517	3857834	2.35	cps
Yttrium	89-2	442321	445756	451792	446623	1.07	cps
Zinc	66-2	447	447	437	443	1.30	cps
Zirconium	90-1	267	175	225	222	20.65	cps
Zirconium	91-1	75	92	117	94	22.21	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-02	Instrumnet Name :	P8
Client Sample ID :	MW-3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:53:29	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280	314	296	297	5.69	cps
Antimony	121-1	917	1300	1133	1117	17.21	cps
Arsenic	75-2	18	13	13	15	19.68	cps
Barium	135-1	103477	104611	105971	104686	1.19	cps
Barium	137-1	182876	187551	186188	185539	1.30	cps
Beryllium	9-1	20	28	14	21	33.97	cps
Bismuth	209-1	1636250	1626134	1552486	1604956	2.85	cps
Bismuth	209-2	872939	864218	875818	870992	0.69	cps
Boron	10-1	1080	1120	1168	1122	3.92	cps
Boron	11-1	5982	5776	5712	5823	2.42	cps
Bromine	81-1	5647	7039	7179	6622	12.79	cps
Cadmium	111-1	260	285	310	285	8.76	cps
Cadmium	106-1	658	725	650	678	6.07	cps
Cadmium	108-1	13	38	46	32	54.30	cps
Calcium	43-1	281322	288105	288928	286119	1.46	cps
Calcium	44-1	4830543	4786459	4873865	4830289	0.90	cps
Carbon	12-1	3008235	3172499	3356789	3179174	5.48	cps
Carbon	12-2	40214	41150	43289	41551	3.79	cps
Chlorine	35-1	216919147	242870839	265694281	241828089	10.09	cps
Chlorine	35-2	2836128	2923182	2952156	2903822	2.08	cps
Chromium	52-2	1190	1333	1273	1266	5.69	cps
Cobalt	59-2	213	217	193	208	6.07	cps
Copper	63-2	2827	2930	3044	2934	3.69	cps
Dysprosium	156-1	50	33	67	50	33.34	cps
Dysprosium	156-2	7	27	27	20	57.73	cps
Erbium	164-1	50	83	67	67	25.00	cps
Erbium	164-2	17	20	20	19	10.18	cps
Gadolinium	160-1	58	67	50	58	14.29	cps
Gadolinium	160-2	17	23	7	16	53.90	cps
Holmium	165-1	2744844	2792197	2682061	2739701	2.02	cps
Holmium	165-2	1229489	1235403	1235422	1233438	0.28	cps
Indium	115-1	2357153	2398124	2333285	2362854	1.39	cps
Indium	115-2	380524	385153	380934	382204	0.67	cps
Iron	54-2	1472	1472	1595	1513	4.66	cps
Iron	56-2	21756	21667	21822	21748	0.36	cps
Iron	57-2	661	661	756	693	7.87	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-02	Instrumnet Name :	P8
Client Sample ID :	MW-3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:53:29	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1507	1387	1313	1402	6.96	cps
Lead	206-1	494	467	544	502	7.85	cps
Lead	207-1	550	494	611	552	10.58	cps
Lead	208-1	2206	2272	2433	2304	5.08	cps
Lithium	6-1	1436516	1472071	1419396	1442661	1.86	cps
Magnesium	24-2	996449	994772	974524	988582	1.23	cps
Manganese	55-2	2760	2760	2540	2687	4.73	cps
Molybdenum	94-1	217	233	142	197	24.76	cps
Molybdenum	95-1	192	183	250	208	17.44	cps
Molybdenum	96-1	275	192	225	231	18.19	cps
Molybdenum	97-1	150	142	92	128	24.69	cps
Molybdenum	98-1	200	258	300	253	19.87	cps
Neodymium	150-1	80	87	100	89	11.46	cps
Neodymium	150-2	23	13	10	16	44.60	cps
Nickel	60-2	3677	3821	3534	3677	3.90	cps
Phosphorus	31-2	108	108	125	114	8.45	cps
Potassium	39-2	133354	133237	132447	133012	0.37	cps
Rhodium	103-1	2322024	2263574	2203258	2262952	2.62	cps
Rhodium	103-2	1035361	1029768	1033494	1032874	0.28	cps
Scandium	45-1	1546716	1578979	1530045	1551913	1.60	cps
Scandium	45-2	59071	59764	59091	59308	0.66	cps
Selenium	82-1	-20	88	89	52	119.66	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	26	37	30	31	17.96	cps
Silicon	28-1	54100573	54684124	54039268	54274655	0.66	cps
Silver	107-1	617	592	642	617	4.05	cps
Silver	109-1	542	617	692	617	12.16	cps
Sodium	23-2	1540178	1550330	1534341	1541616	0.52	cps
Strontium	86-1	350927	351965	360008	354300	1.40	cps
Strontium	88-1	3050676	3121313	3092272	3088087	1.15	cps
Sulfur	34-1	409161	416995	416778	414311	1.08	cps
Terbium	159-1	2912854	2888212	2789753	2863606	2.27	cps
Terbium	159-2	1236014	1253207	1249564	1246261	0.73	cps
Thallium	203-1	208	200	208	206	2.34	cps
Thallium	205-1	467	458	425	450	4.90	cps
Tin	118-1	5418	6885	7185	6496	14.56	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-02	Instrumnet Name :	P8
Client Sample ID :	MW-3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:53:29	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	408	475	408	431	8.94	cps
Uranium	238-1	83	42	125	83	50.00	cps
Vanadium	51-2	370	457	407	411	10.58	cps
Ytterbium	172-1	42	33	33	36	13.33	cps
Ytterbium	172-2	6	22	11	13	65.44	cps
Ytterbium	176-1	317	267	233	272	15.41	cps
Ytterbium	176-2	144	228	261	211	28.46	cps
Yttrium	89-1	3615909	3741071	3588097	3648359	2.23	cps
Yttrium	89-2	421257	423781	423362	422800	0.32	cps
Zinc	66-2	697	720	650	689	5.17	cps
Zirconium	90-1	250	308	225	261	16.38	cps
Zirconium	91-1	117	67	100	94	26.96	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-2MS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:56:33	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149898	149157	147608	148887	0.78	cps
Antimony	121-1	842669	872908	879590	865056	2.27	cps
Arsenic	75-2	38067	37648	37198	37638	1.15	cps
Barium	135-1	1079095	1133412	1132899	1115136	2.80	cps
Barium	137-1	1890094	1998664	2036119	1974959	3.84	cps
Beryllium	9-1	269573	276990	275424	273995	1.43	cps
Bismuth	209-1	1562795	1635787	1689120	1629234	3.89	cps
Bismuth	209-2	880594	869043	866612	872083	0.86	cps
Boron	10-1	22761	25862	27462	25362	9.42	cps
Boron	11-1	110235	124875	134140	123083	9.79	cps
Bromine	81-1	7640	8752	9743	8712	12.08	cps
Cadmium	111-1	208358	214895	216870	213374	2.09	cps
Cadmium	106-1	21893	23462	23946	23100	4.65	cps
Cadmium	108-1	16051	16047	17011	16370	3.39	cps
Calcium	43-1	373088	389865	394278	385744	2.90	cps
Calcium	44-1	6109551	6330054	6449952	6296519	2.74	cps
Carbon	12-1	3336925	3562627	3742817	3547457	5.73	cps
Carbon	12-2	45697	48029	48280	47335	3.01	cps
Chlorine	35-1	223550255	251128997	264901331	246526861	8.54	cps
Chlorine	35-2	2749745	2799494	2842484	2797241	1.66	cps
Chromium	52-2	278843	272458	270069	273790	1.66	cps
Cobalt	59-2	477653	477856	472503	476004	0.64	cps
Copper	63-2	3981717	3966409	3975670	3974598	0.19	cps
Dysprosium	156-1	117	117	75	103	23.41	cps
Dysprosium	156-2	30	27	37	31	16.37	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	20	20	17	19	10.18	cps
Gadolinium	160-1	125	58	108	97	35.68	cps
Gadolinium	160-2	33	40	40	38	10.19	cps
Holmium	165-1	2658619	2822314	2865200	2782044	3.92	cps
Holmium	165-2	1263430	1255389	1251958	1256925	0.47	cps
Indium	115-1	2271686	2405764	2424499	2367316	3.52	cps
Indium	115-2	379647	375654	374769	376690	0.69	cps
Iron	54-2	690574	688672	675010	684752	1.24	cps
Iron	56-2	12739140	12619664	12337808	12565537	1.64	cps
Iron	57-2	312402	307692	307850	309315	0.86	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-2MS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:56:33	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1310	1460	1303	1358	6.52	cps
Lead	206-1	3044686	3120197	3202684	3122522	2.53	cps
Lead	207-1	2720624	2827524	2917257	2821801	3.49	cps
Lead	208-1	12314323	12607998	12966609	12629643	2.59	cps
Lithium	6-1	1334413	1407277	1459082	1400257	4.47	cps
Magnesium	24-2	2635503	2625135	2643787	2634808	0.35	cps
Manganese	55-2	2090081	2065893	2014997	2056990	1.86	cps
Molybdenum	94-1	1924863	1994159	1972477	1963833	1.81	cps
Molybdenum	95-1	2417767	2552435	2509710	2493304	2.76	cps
Molybdenum	96-1	2621281	2757315	2747190	2708595	2.80	cps
Molybdenum	97-1	1473446	1514887	1523817	1504050	1.79	cps
Molybdenum	98-1	3812344	3930699	3951767	3898270	1.93	cps
Neodymium	150-1	53	40	67	53	25.00	cps
Neodymium	150-2	13	7	17	12	41.65	cps
Nickel	60-2	131481	131518	131303	131434	0.09	cps
Phosphorus	31-2	67	158	192	139	46.60	cps
Potassium	39-2	933643	928646	915678	925989	1.00	cps
Rhodium	103-1	2221283	2300116	2287279	2269559	1.86	cps
Rhodium	103-2	1052313	1036706	1040866	1043295	0.77	cps
Scandium	45-1	1449898	1594641	1611738	1552092	5.73	cps
Scandium	45-2	61093	59743	58863	59900	1.87	cps
Selenium	82-1	14941	15034	15434	15136	1.73	cps
Selenium	77-2	440	533	493	489	9.58	cps
Selenium	78-2	1749	1774	1724	1749	1.43	cps
Silicon	28-1	51284005	52054030	51955296	51764444	0.81	cps
Silver	107-1	1092366	1125627	1128291	1115428	1.79	cps
Silver	109-1	1048080	1095533	1098675	1080763	2.62	cps
Sodium	23-2	4986475	5030280	5068747	5028501	0.82	cps
Strontium	86-1	2919789	2930191	3037618	2962533	2.20	cps
Strontium	88-1	24915215	24763407	25559426	25079349	1.69	cps
Sulfur	34-1	453782	458445	457665	456631	0.55	cps
Terbium	159-1	2794739	2947342	3034559	2925547	4.15	cps
Terbium	159-2	1275887	1260623	1271337	1269282	0.62	cps
Thallium	203-1	687112	722968	746654	718911	4.17	cps
Thallium	205-1	1673116	1741482	1775012	1729870	3.00	cps
Tin	118-1	701754	723888	721848	715830	1.71	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-2MS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:56:33	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	674912	693975	698659	689182	1.83	cps
Uranium	238-1	2131511	2240491	2216696	2196233	2.61	cps
Vanadium	51-2	226525	225364	221555	224481	1.16	cps
Ytterbium	172-1	25	25	33	28	17.31	cps
Ytterbium	172-2	11	6	6	7	43.24	cps
Ytterbium	176-1	275	300	250	275	9.09	cps
Ytterbium	176-2	122	189	150	154	21.78	cps
Yttrium	89-1	3532983	3704394	3695250	3644209	2.65	cps
Yttrium	89-2	429424	422848	421785	424686	0.97	cps
Zinc	66-2	544339	543374	540483	542732	0.37	cps
Zirconium	90-1	1520265	1551961	1592497	1554908	2.33	cps
Zirconium	91-1	328486	344561	349979	341009	3.28	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:59:25	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151044	150837	150400	150760	0.22	cps
Antimony	121-1	860184	869940	886460	872194	1.52	cps
Arsenic	75-2	38015	37985	37626	37875	0.57	cps
Barium	135-1	1102500	1126692	1157822	1129005	2.46	cps
Barium	137-1	1943864	2028243	2030305	2000804	2.47	cps
Beryllium	9-1	275160	274724	278165	276016	0.68	cps
Bismuth	209-1	1614116	1715798	1670599	1666837	3.06	cps
Bismuth	209-2	881842	886405	879169	882472	0.41	cps
Boron	10-1	25629	28331	30169	28043	8.14	cps
Boron	11-1	122914	136817	144954	134895	8.26	cps
Bromine	81-1	7740	8361	9182	8428	8.58	cps
Cadmium	111-1	207435	212753	222658	214282	3.61	cps
Cadmium	106-1	23162	23345	23546	23351	0.82	cps
Cadmium	108-1	15880	16422	16723	16342	2.61	cps
Calcium	43-1	381085	389806	397786	389559	2.14	cps
Calcium	44-1	6315106	6397477	6428968	6380517	0.92	cps
Carbon	12-1	3419366	3621999	3798513	3613293	5.25	cps
Carbon	12-2	46909	48338	50203	48483	3.41	cps
Chlorine	35-1	226548247	254613706	268303398	249821783	8.52	cps
Chlorine	35-2	2750108	2831424	2883848	2821793	2.39	cps
Chromium	52-2	275773	277407	277200	276793	0.32	cps
Cobalt	59-2	480812	481887	476252	479650	0.62	cps
Copper	63-2	4079975	4055146	3967712	4034278	1.46	cps
Dysprosium	156-1	67	108	92	89	23.59	cps
Dysprosium	156-2	43	33	43	40	14.43	cps
Erbium	164-1	92	75	67	78	16.37	cps
Erbium	164-2	23	13	10	16	44.60	cps
Gadolinium	160-1	75	33	83	64	41.93	cps
Gadolinium	160-2	30	33	50	38	28.37	cps
Holmium	165-1	2777980	2906096	2848776	2844284	2.26	cps
Holmium	165-2	1282523	1278284	1266876	1275894	0.63	cps
Indium	115-1	2285827	2391953	2377597	2351793	2.45	cps
Indium	115-2	378673	379563	377164	378467	0.32	cps
Iron	54-2	695879	698318	684840	693012	1.04	cps
Iron	56-2	12667638	12932773	12503938	12701450	1.70	cps
Iron	57-2	314642	314788	311529	313653	0.59	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:59:25	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1620	1350	1513	1495	9.10	cps
Lead	206-1	3059689	3104837	3246043	3136856	3.10	cps
Lead	207-1	2754393	2808347	2890358	2817699	2.43	cps
Lead	208-1	12324046	12675359	12995644	12665016	2.65	cps
Lithium	6-1	1342904	1424081	1421003	1395996	3.30	cps
Magnesium	24-2	2681918	2660907	2635553	2659459	0.87	cps
Manganese	55-2	2104016	2134618	2069053	2102562	1.56	cps
Molybdenum	94-1	1924545	1969755	1991070	1961790	1.73	cps
Molybdenum	95-1	2418653	2503926	2579340	2500640	3.21	cps
Molybdenum	96-1	2655674	2696402	2775119	2709065	2.24	cps
Molybdenum	97-1	1495513	1516109	1535434	1515685	1.32	cps
Molybdenum	98-1	3835183	3988820	4042231	3955411	2.72	cps
Neodymium	150-1	93	47	53	64	39.17	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	132113	133008	129443	131521	1.41	cps
Phosphorus	31-2	125	108	125	119	8.05	cps
Potassium	39-2	929784	950073	947777	942545	1.18	cps
Rhodium	103-1	2234803	2347098	2302991	2294964	2.47	cps
Rhodium	103-2	1050179	1057509	1048542	1052076	0.45	cps
Scandium	45-1	1522370	1576923	1588866	1562720	2.27	cps
Scandium	45-2	60450	60741	58679	59957	1.86	cps
Selenium	82-1	14398	15154	14962	14838	2.65	cps
Selenium	77-2	467	553	540	520	8.97	cps
Selenium	78-2	1649	1796	1740	1729	4.29	cps
Silicon	28-1	51674326	52296394	52424704	52131808	0.77	cps
Silver	107-1	1095322	1124403	1146200	1121975	2.28	cps
Silver	109-1	1058336	1093019	1094247	1081867	1.88	cps
Sodium	23-2	5125427	5157986	5111435	5131616	0.47	cps
Strontium	86-1	2926037	2946220	3032466	2968241	1.90	cps
Strontium	88-1	24567603	25171927	25615650	25118393	2.09	cps
Sulfur	34-1	449567	450135	446578	448760	0.43	cps
Terbium	159-1	2862663	2986435	2999527	2949542	2.56	cps
Terbium	159-2	1282101	1268274	1271822	1274066	0.56	cps
Thallium	203-1	699544	713785	736501	716610	2.60	cps
Thallium	205-1	1662719	1701655	1758868	1707747	2.83	cps
Tin	118-1	712487	722562	729324	721458	1.17	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 14:59:25	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	668847	686642	698478	684656	2.18	cps
Uranium	238-1	2169099	2214225	2240657	2207994	1.64	cps
Vanadium	51-2	225473	227978	226809	226753	0.55	cps
Ytterbium	172-1	25	42	33	33	25.01	cps
Ytterbium	172-2	17	0	17	11	86.60	cps
Ytterbium	176-1	258	300	250	269	9.94	cps
Ytterbium	176-2	228	172	233	211	16.01	cps
Yttrium	89-1	3617916	3763061	3686483	3689153	1.97	cps
Yttrium	89-2	424691	426903	424183	425259	0.34	cps
Zinc	66-2	543935	549557	549106	547533	0.57	cps
Zirconium	90-1	1518065	1574822	1598584	1563823	2.65	cps
Zirconium	91-1	337242	349738	347186	344722	1.92	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01A	Instrumnet Name :	P8
Client Sample ID :	MW-2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:02:19	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149679	150300	148422	149467	0.64	cps
Antimony	121-1	843410	874155	889549	869038	2.70	cps
Arsenic	75-2	38191	37949	37047	37729	1.60	cps
Barium	135-1	1111185	1144473	1142036	1132565	1.64	cps
Barium	137-1	1991127	2000567	2014769	2002154	0.59	cps
Beryllium	9-1	275915	281228	276419	277854	1.06	cps
Bismuth	209-1	1665397	1733484	1717264	1705382	2.09	cps
Bismuth	209-2	860382	879083	879742	873069	1.26	cps
Boron	10-1	26493	28997	30742	28744	7.43	cps
Boron	11-1	126335	141638	148821	138931	8.27	cps
Bromine	81-1	8001	8792	9212	8668	7.10	cps
Cadmium	111-1	213057	218426	217700	216394	1.35	cps
Cadmium	106-1	23571	23412	23662	23548	0.54	cps
Cadmium	108-1	15567	16969	16235	16257	4.31	cps
Calcium	43-1	380579	393431	388875	387628	1.68	cps
Calcium	44-1	6323807	6370076	6539868	6411250	1.77	cps
Carbon	12-1	3445501	3640586	3768847	3618312	4.50	cps
Carbon	12-2	47845	48221	49091	48386	1.32	cps
Chlorine	35-1	229815022	254941239	268431881	251062714	7.81	cps
Chlorine	35-2	2773276	2854579	2934000	2853951	2.82	cps
Chromium	52-2	273286	275895	270533	273238	0.98	cps
Cobalt	59-2	479641	475707	475741	477030	0.47	cps
Copper	63-2	3996121	3958815	3981404	3978780	0.47	cps
Dysprosium	156-1	67	67	50	61	15.75	cps
Dysprosium	156-2	33	27	27	29	13.31	cps
Erbium	164-1	33	58	25	39	44.62	cps
Erbium	164-2	23	20	30	24	20.83	cps
Gadolinium	160-1	50	92	125	89	42.27	cps
Gadolinium	160-2	50	20	40	37	41.66	cps
Holmium	165-1	2792414	2829006	2813342	2811588	0.65	cps
Holmium	165-2	1228864	1247009	1264790	1246888	1.44	cps
Indium	115-1	2381375	2348983	2380183	2370180	0.77	cps
Indium	115-2	368852	371513	370944	370436	0.38	cps
Iron	54-2	693682	689272	689787	690914	0.35	cps
Iron	56-2	12583471	12380471	12446019	12469987	0.83	cps
Iron	57-2	311133	308521	307590	309081	0.59	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01A	Instrumnet Name :	P8
Client Sample ID :	MW-2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:02:19	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1420	1393	1557	1457	6.02	cps
Lead	206-1	3105711	3155112	3166955	3142593	1.03	cps
Lead	207-1	2732152	2870180	2852457	2818263	2.66	cps
Lead	208-1	12359193	12858633	12779528	12665785	2.12	cps
Lithium	6-1	1314615	1365512	1402412	1360846	3.24	cps
Magnesium	24-2	2638076	2698347	2627633	2654685	1.44	cps
Manganese	55-2	2071980	2080934	2084251	2079055	0.31	cps
Molybdenum	94-1	1922380	1994811	1988820	1968670	2.04	cps
Molybdenum	95-1	2468322	2514608	2523082	2502004	1.18	cps
Molybdenum	96-1	2689922	2781129	2804393	2758481	2.19	cps
Molybdenum	97-1	1499335	1534434	1556165	1529978	1.87	cps
Molybdenum	98-1	3890267	4012796	3977417	3960160	1.59	cps
Neodymium	150-1	67	53	87	69	24.36	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	131037	132012	131218	131422	0.39	cps
Phosphorus	31-2	175	117	142	144	20.26	cps
Potassium	39-2	930857	932840	918137	927278	0.86	cps
Rhodium	103-1	2318908	2323598	2279491	2307332	1.05	cps
Rhodium	103-2	1028371	1040765	1032196	1033777	0.61	cps
Scandium	45-1	1576581	1568112	1603157	1582617	1.16	cps
Scandium	45-2	59352	60092	60574	60006	1.03	cps
Selenium	82-1	14633	15314	15067	15005	2.30	cps
Selenium	77-2	487	487	503	492	1.96	cps
Selenium	78-2	1674	1656	1670	1667	0.57	cps
Silicon	28-1	51572133	52065383	51622194	51753237	0.52	cps
Silver	107-1	1094896	1138803	1144734	1126144	2.42	cps
Silver	109-1	1067959	1077740	1083874	1076525	0.75	cps
Sodium	23-2	4979616	5030529	4961939	4990695	0.71	cps
Strontium	86-1	2910237	3039106	2875546	2941630	2.93	cps
Strontium	88-1	24773613	25589436	24719329	25027459	1.95	cps
Sulfur	34-1	434134	439608	441796	438513	0.90	cps
Terbium	159-1	2930025	2962283	2941503	2944604	0.56	cps
Terbium	159-2	1248188	1255362	1266345	1256632	0.73	cps
Thallium	203-1	716725	727403	739475	727868	1.56	cps
Thallium	205-1	1705108	1774596	1766448	1748717	2.17	cps
Tin	118-1	697166	717370	717927	710821	1.66	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01A	Instrumnet Name :	P8
Client Sample ID :	MW-2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:02:19	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	674615	685398	685059	681691	0.90	cps
Uranium	238-1	2183131	2236627	2251435	2223731	1.62	cps
Vanadium	51-2	224639	226489	221664	224264	1.09	cps
Ytterbium	172-1	42	8	42	31	62.99	cps
Ytterbium	172-2	6	17	11	11	49.99	cps
Ytterbium	176-1	250	175	308	244	27.34	cps
Ytterbium	176-2	139	189	194	174	17.58	cps
Yttrium	89-1	3697240	3787172	3610926	3698446	2.38	cps
Yttrium	89-2	417064	419140	418812	418339	0.27	cps
Zinc	66-2	547385	544497	536741	542874	1.01	cps
Zirconium	90-1	1537064	1575877	1564982	1559307	1.28	cps
Zirconium	91-1	332915	345309	344555	340927	2.04	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:12:14	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	844248	851093	838324	844555	0.76	cps
Antimony	121-1	1049284	1071898	1089267	1070150	1.87	cps
Arsenic	75-2	40683	40811	41072	40855	0.49	cps
Barium	135-1	1166134	1192441	1206052	1188209	1.71	cps
Barium	137-1	2061166	2141721	2100804	2101230	1.92	cps
Beryllium	9-1	352062	367940	370705	363569	2.77	cps
Bismuth	209-1	1698542	1778768	1816175	1764495	3.41	cps
Bismuth	209-2	941510	951007	949043	947187	0.53	cps
Boron	10-1	24433	27773	29770	27325	9.87	cps
Boron	11-1	114004	127554	133433	124997	7.97	cps
Bromine	81-1	1722	1922	1922	1855	6.23	cps
Cadmium	111-1	236441	239195	246433	240690	2.14	cps
Cadmium	106-1	26393	26743	26434	26523	0.72	cps
Cadmium	108-1	18100	18575	18133	18269	1.45	cps
Calcium	43-1	1325827	1367626	1370712	1354722	1.85	cps
Calcium	44-1	21643001	22229346	22274854	22049067	1.60	cps
Carbon	12-1	2991113	3136358	3176094	3101188	3.14	cps
Carbon	12-2	38585	38008	39520	38704	1.97	cps
Chlorine	35-1	8421856	8338480	8287749	8349362	0.81	cps
Chlorine	35-2	77416	74131	71117	74221	4.24	cps
Chromium	52-2	306646	304994	305844	305828	0.27	cps
Cobalt	59-2	514310	508590	504339	509080	0.98	cps
Copper	63-2	3855970	3849436	3863754	3856387	0.19	cps
Dysprosium	156-1	292	283	275	283	2.94	cps
Dysprosium	156-2	150	97	130	126	21.46	cps
Erbium	164-1	92	108	67	89	23.59	cps
Erbium	164-2	23	3	30	19	73.49	cps
Gadolinium	160-1	325	258	308	297	11.67	cps
Gadolinium	160-2	147	143	220	170	25.49	cps
Holmium	165-1	2851363	3003409	3043835	2966202	3.42	cps
Holmium	165-2	1365765	1368951	1361101	1365272	0.29	cps
Indium	115-1	2411092	2504285	2520214	2478530	2.38	cps
Indium	115-2	406962	407123	403498	405861	0.50	cps
Iron	54-2	3352123	3364593	3330753	3349156	0.51	cps
Iron	56-2	59850592	61278556	59445832	60191660	1.60	cps
Iron	57-2	1535716	1543762	1529110	1536196	0.48	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:12:14	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1433	1577	1660	1557	7.37	cps
Lead	206-1	3381487	3408950	3498669	3429702	1.79	cps
Lead	207-1	2965709	3045972	3026323	3012668	1.39	cps
Lead	208-1	13329168	13626115	13791986	13582423	1.73	cps
Lithium	6-1	1187454	1274757	1277930	1246714	4.12	cps
Magnesium	24-2	12198585	12028490	12151330	12126135	0.72	cps
Manganese	55-2	1494184	1485473	1499162	1492939	0.46	cps
Molybdenum	94-1	2173154	2206427	2224210	2201264	1.18	cps
Molybdenum	95-1	2740446	2790486	2842909	2791280	1.84	cps
Molybdenum	96-1	3038065	3056128	3155533	3083242	2.05	cps
Molybdenum	97-1	1698979	1674291	1744961	1706077	2.10	cps
Molybdenum	98-1	4356684	4403711	4470799	4410398	1.30	cps
Neodymium	150-1	60	73	13	49	64.45	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	138830	140385	139311	139508	0.57	cps
Phosphorus	31-2	12039	12497	12180	12239	1.92	cps
Potassium	39-2	4490598	4472392	4433652	4465547	0.65	cps
Rhodium	103-1	2325806	2384958	2422836	2377867	2.06	cps
Rhodium	103-2	1070058	1064437	1071706	1068734	0.36	cps
Scandium	45-1	1541166	1660601	1657036	1619601	4.20	cps
Scandium	45-2	63891	63794	63342	63676	0.46	cps
Selenium	82-1	16673	16700	16708	16694	0.11	cps
Selenium	77-2	553	553	557	554	0.35	cps
Selenium	78-2	1994	1962	2004	1987	1.10	cps
Silicon	28-1	42472055	42203073	42338354	42337827	0.32	cps
Silver	107-1	1231867	1260326	1265539	1252577	1.45	cps
Silver	109-1	1174814	1213635	1220015	1202821	2.03	cps
Sodium	23-2	23360409	23087416	23171935	23206587	0.60	cps
Strontium	86-1	3217584	3295586	3294506	3269225	1.37	cps
Strontium	88-1	27531618	27937836	27833229	27767561	0.76	cps
Sulfur	34-1	482190	485173	481841	483068	0.38	cps
Terbium	159-1	3042084	3115067	3189918	3115690	2.37	cps
Terbium	159-2	1370294	1361696	1365096	1365695	0.32	cps
Thallium	203-1	772833	806274	807583	795563	2.48	cps
Thallium	205-1	1909485	1960357	1997612	1955818	2.26	cps
Tin	118-1	762972	790215	790703	781297	2.03	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:12:14	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	747867	749950	754205	750674	0.43	cps
Uranium	238-1	2440697	2515710	2541114	2499174	2.09	cps
Vanadium	51-2	253536	249184	249432	250718	0.97	cps
Ytterbium	172-1	8	8	25	14	69.31	cps
Ytterbium	172-2	11	6	6	7	43.24	cps
Ytterbium	176-1	308	250	283	281	10.43	cps
Ytterbium	176-2	261	233	222	239	8.39	cps
Yttrium	89-1	3846464	3915130	3944258	3901950	1.29	cps
Yttrium	89-2	454295	454209	450658	453054	0.46	cps
Zinc	66-2	535474	535744	532756	534658	0.31	cps
Zirconium	90-1	1754562	1798055	1783002	1778540	1.24	cps
Zirconium	91-1	382846	394693	393222	390254	1.65	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P8
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 15:26:26 DataFile Name : 029LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	595	539	582	572	5.16	cps
Antimony	121-1	4409	4584	4468	4487	1.99	cps
Arsenic	75-2	90	76	88	85	8.94	cps
Barium	135-1	4351	4676	4593	4540	3.72	cps
Barium	137-1	8219	8670	8444	8445	2.67	cps
Beryllium	9-1	774	898	790	821	8.22	cps
Bismuth	209-1	1786469	1777777	1794644	1786296	0.47	cps
Bismuth	209-2	958533	957523	951517	955857	0.40	cps
Boron	10-1	1858	2028	2220	2035	8.90	cps
Boron	11-1	8345	8789	9369	8834	5.81	cps
Bromine	81-1	1472	1432	1472	1458	1.59	cps
Cadmium	111-1	638	600	627	622	3.21	cps
Cadmium	106-1	708	850	900	819	12.13	cps
Cadmium	108-1	58	71	46	58	21.43	cps
Calcium	43-1	2784	2832	2766	2794	1.23	cps
Calcium	44-1	91656	91689	92940	92095	0.80	cps
Carbon	12-1	2465654	2437071	2458935	2453887	0.61	cps
Carbon	12-2	27977	28436	28253	28222	0.82	cps
Chlorine	35-1	2861261	2827552	2781195	2823336	1.42	cps
Chlorine	35-2	27218	26667	25924	26603	2.44	cps
Chromium	52-2	1833	1737	1850	1807	3.39	cps
Cobalt	59-2	970	1077	1140	1062	8.09	cps
Copper	63-2	1760	1830	1877	1822	3.22	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	0	8	8	100.02	cps
Erbium	164-2	27	10	7	14	74.18	cps
Gadolinium	160-1	17	8	33	19	65.47	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	2882401	2873611	2915683	2890565	0.77	cps
Holmium	165-2	1338075	1335846	1316965	1330295	0.87	cps
Indium	115-1	2530877	2549012	2570610	2550166	0.78	cps
Indium	115-2	419305	419494	415781	418193	0.50	cps
Iron	54-2	1978	1933	1861	1924	3.06	cps
Iron	56-2	26464	26992	26269	26575	1.41	cps
Iron	57-2	733	722	772	743	3.54	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:26:26	DataFile Name :	029LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1420	1420	1357	1399	2.61	cps
Lead	206-1	1495	1672	1683	1617	6.56	cps
Lead	207-1	1450	1417	1383	1417	2.35	cps
Lead	208-1	6417	6473	6612	6501	1.54	cps
Lithium	6-1	1312692	1318617	1306144	1312484	0.48	cps
Magnesium	24-2	25398	25690	24213	25100	3.12	cps
Manganese	55-2	393	347	413	384	8.90	cps
Molybdenum	94-1	4267	4084	4493	4281	4.78	cps
Molybdenum	95-1	5276	5351	5234	5287	1.12	cps
Molybdenum	96-1	6102	5818	5801	5907	2.86	cps
Molybdenum	97-1	3326	3217	3392	3312	2.67	cps
Molybdenum	98-1	9070	8344	8711	8709	4.17	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	360	327	287	324	11.32	cps
Phosphorus	31-2	142	142	133	139	3.46	cps
Potassium	39-2	41502	40792	40056	40783	1.77	cps
Rhodium	103-1	2514388	2470349	2539890	2508209	1.40	cps
Rhodium	103-2	1085967	1089664	1085120	1086917	0.22	cps
Scandium	45-1	1568027	1605930	1589361	1587773	1.20	cps
Scandium	45-2	62830	63084	62154	62689	0.77	cps
Selenium	82-1	216	181	307	235	27.58	cps
Selenium	77-2	10	13	10	11	17.30	cps
Selenium	78-2	42	52	53	49	12.42	cps
Silicon	28-1	43317509	43082119	42967580	43122403	0.41	cps
Silver	107-1	2209	2592	2467	2423	8.07	cps
Silver	109-1	2175	2109	2467	2250	8.47	cps
Sodium	23-2	55598	55071	54745	55138	0.78	cps
Strontium	86-1	3225	3100	2900	3075	5.33	cps
Strontium	88-1	5835	6051	5918	5935	1.84	cps
Sulfur	34-1	393128	388111	387362	389534	0.80	cps
Terbium	159-1	3060633	3075031	3093072	3076245	0.53	cps
Terbium	159-2	1335710	1343616	1327695	1335674	0.60	cps
Thallium	203-1	1859	2225	1667	1917	14.80	cps
Thallium	205-1	4101	4201	4092	4131	1.46	cps
Tin	118-1	8078	8344	8536	8319	2.77	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:26:26	DataFile Name :	029LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1608	1850	1700	1720	7.10	cps
Uranium	238-1	4551	4643	4484	4559	1.74	cps
Vanadium	51-2	2390	2527	2530	2482	3.22	cps
Ytterbium	172-1	17	17	8	14	34.67	cps
Ytterbium	172-2	0	0	0	0	0.00	cps
Ytterbium	176-1	225	308	250	261	16.38	cps
Ytterbium	176-2	311	300	250	287	11.34	cps
Yttrium	89-1	3875197	3847270	3911643	3878036	0.83	cps
Yttrium	89-2	453809	461177	450741	455243	1.18	cps
Zinc	66-2	353	307	330	330	7.07	cps
Zirconium	90-1	4042	4101	3617	3920	6.73	cps
Zirconium	91-1	942	750	933	875	12.38	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P8
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 15:30:14 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	199	215	219	211	5.04	cps
Antimony	121-1	58	108	83	83	30.00	cps
Arsenic	75-2	4	2	8	5	65.47	cps
Barium	135-1	50	0	0	17	173.21	cps
Barium	137-1	33	42	42	39	12.38	cps
Beryllium	9-1	32	34	28	31	9.75	cps
Bismuth	209-1	1582300	1707058	1733427	1674262	4.82	cps
Bismuth	209-2	958882	969548	1004854	977761	2.46	cps
Boron	10-1	810	828	772	803	3.56	cps
Boron	11-1	3966	3760	3754	3826	3.15	cps
Bromine	81-1	1722	1482	1612	1605	7.49	cps
Cadmium	111-1	173	173	199	182	8.27	cps
Cadmium	106-1	758	742	908	803	11.43	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Calcium	43-1	215	245	207	222	8.92	cps
Calcium	44-1	49822	50654	50192	50223	0.83	cps
Carbon	12-1	2399572	2424926	2358469	2394322	1.40	cps
Carbon	12-2	27142	27268	26574	26995	1.37	cps
Chlorine	35-1	2351158	2354519	2327441	2344373	0.63	cps
Chlorine	35-2	23144	22318	22293	22585	2.14	cps
Chromium	52-2	577	633	687	632	8.70	cps
Cobalt	59-2	30	40	37	36	14.32	cps
Copper	63-2	300	280	277	286	4.42	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	58	42	39	53.93	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	0	33	17	17	99.99	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	2697761	2808079	2843024	2782955	2.72	cps
Holmium	165-2	1330237	1330085	1379085	1346469	2.10	cps
Indium	115-1	2309965	2440965	2506930	2419287	4.14	cps
Indium	115-2	421347	423718	437975	427680	2.10	cps
Iron	54-2	383	400	372	385	3.63	cps
Iron	56-2	1683	1572	1767	1674	5.83	cps
Iron	57-2	133	94	144	124	21.16	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:30:14	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1373	1460	1397	1410	3.18	cps
Lead	206-1	289	306	306	300	3.21	cps
Lead	207-1	278	233	256	256	8.70	cps
Lead	208-1	1172	1189	1239	1200	2.89	cps
Lithium	6-1	1247654	1266130	1304536	1272773	2.28	cps
Magnesium	24-2	367	458	275	367	25.00	cps
Manganese	55-2	73	77	33	61	39.46	cps
Molybdenum	94-1	117	67	50	78	44.61	cps
Molybdenum	95-1	50	25	17	31	56.77	cps
Molybdenum	96-1	108	50	75	78	37.63	cps
Molybdenum	97-1	33	25	8	22	57.29	cps
Molybdenum	98-1	92	58	58	69	27.71	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	27	30	26	19.92	cps
Phosphorus	31-2	133	208	92	144	40.93	cps
Potassium	39-2	23344	22960	22777	23027	1.26	cps
Rhodium	103-1	2285602	2446592	2449998	2394064	3.92	cps
Rhodium	103-2	1094439	1095550	1134119	1108036	2.04	cps
Scandium	45-1	1456745	1558358	1559172	1524758	3.86	cps
Scandium	45-2	63044	63650	65716	64137	2.18	cps
Selenium	82-1	64	-1	53	39	89.18	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	37	38	21	32	29.81	cps
Silicon	28-1	43213836	43344072	43354187	43304032	0.18	cps
Silver	107-1	58	100	75	78	26.97	cps
Silver	109-1	92	92	75	86	11.18	cps
Sodium	23-2	7677	8194	7694	7855	3.74	cps
Strontium	86-1	2525	2375	2217	2372	6.50	cps
Strontium	88-1	358	233	258	283	23.35	cps
Sulfur	34-1	392632	391580	393641	392618	0.26	cps
Terbium	159-1	2803370	2926181	3049446	2926332	4.20	cps
Terbium	159-2	1353763	1349292	1412658	1371904	2.58	cps
Thallium	203-1	167	133	108	136	21.50	cps
Thallium	205-1	292	250	392	311	23.40	cps
Tin	118-1	158	192	167	172	10.07	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:30:14	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	158	233	203	19.42	cps
Uranium	238-1	33	33	17	28	34.63	cps
Vanadium	51-2	7	20	10	12	56.76	cps
Ytterbium	172-1	33	50	8	31	68.64	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	233	317	233	261	18.43	cps
Ytterbium	176-2	156	228	239	207	21.82	cps
Yttrium	89-1	3551075	3806941	3810955	3722990	4.00	cps
Yttrium	89-2	458150	458545	480584	465760	2.76	cps
Zinc	66-2	57	57	83	66	23.48	cps
Zirconium	90-1	258	208	225	231	11.04	cps
Zirconium	91-1	108	75	83	89	19.52	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-03	Instrumnet Name :	P8
Client Sample ID :	MW-102	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:33:19	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	299	317	295	8.58	cps
Antimony	121-1	2059	2350	2375	2261	7.79	cps
Arsenic	75-2	21	22	19	21	7.39	cps
Barium	135-1	36984	39040	38146	38057	2.71	cps
Barium	137-1	64898	64613	65651	65054	0.82	cps
Beryllium	9-1	36	36	14	29	44.30	cps
Bismuth	209-1	1793648	1769231	1741517	1768132	1.48	cps
Bismuth	209-2	878671	888273	907814	891586	1.67	cps
Boron	10-1	820	894	840	851	4.50	cps
Boron	11-1	4142	4006	3904	4017	2.97	cps
Bromine	81-1	5697	7179	6628	6502	11.52	cps
Cadmium	111-1	280	320	291	297	6.91	cps
Cadmium	106-1	533	708	833	692	21.79	cps
Cadmium	108-1	79	25	25	43	72.64	cps
Calcium	43-1	53759	55952	56725	55479	2.77	cps
Calcium	44-1	930959	949207	974217	951461	2.28	cps
Carbon	12-1	3135065	3335713	3409987	3293588	4.32	cps
Carbon	12-2	41376	42729	43156	42420	2.19	cps
Chlorine	35-1	177380379	218433547	241564530	212459485	15.30	cps
Chlorine	35-2	2597675	2709282	2787937	2698298	3.54	cps
Chromium	52-2	1517	1510	1350	1459	6.47	cps
Cobalt	59-2	123	167	113	134	21.08	cps
Copper	63-2	3394	3524	3554	3490	2.44	cps
Dysprosium	156-1	33	8	50	31	68.64	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	8	67	50	42	72.12	cps
Erbium	164-2	27	10	10	16	61.87	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	23	7	17	16	53.90	cps
Holmium	165-1	2655888	2771306	2748678	2725291	2.24	cps
Holmium	165-2	1186610	1199382	1237304	1207766	2.18	cps
Indium	115-1	2344692	2350114	2440333	2378380	2.26	cps
Indium	115-2	372023	376617	380177	376272	1.09	cps
Iron	54-2	567	578	511	552	6.47	cps
Iron	56-2	3723	3889	3901	3838	2.60	cps
Iron	57-2	194	206	78	159	44.45	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-03	Instrumnet Name :	P8
Client Sample ID :	MW-102	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:33:19	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1503	1430	1383	1439	4.20	cps
Lead	206-1	1056	1095	928	1026	8.50	cps
Lead	207-1	1028	928	733	896	16.71	cps
Lead	208-1	4489	4423	3511	4141	13.19	cps
Lithium	6-1	1450329	1530181	1550399	1510303	3.50	cps
Magnesium	24-2	174586	171660	173433	173226	0.85	cps
Manganese	55-2	237	297	280	271	11.42	cps
Molybdenum	94-1	217	175	208	200	11.02	cps
Molybdenum	95-1	142	158	133	144	8.81	cps
Molybdenum	96-1	92	192	175	153	35.07	cps
Molybdenum	97-1	58	83	75	72	17.63	cps
Molybdenum	98-1	158	183	208	183	13.64	cps
Neodymium	150-1	40	20	53	38	44.41	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	1240	1253	1180	1225	3.19	cps
Phosphorus	31-2	167	233	208	203	16.61	cps
Potassium	39-2	99828	98946	98780	99185	0.57	cps
Rhodium	103-1	2259669	2331797	2331249	2307572	1.80	cps
Rhodium	103-2	1001119	1028833	1032495	1020815	1.68	cps
Scandium	45-1	1484023	1496967	1545519	1508836	2.15	cps
Scandium	45-2	56350	57481	59131	57654	2.43	cps
Selenium	82-1	-73	21	8	-14	-351.88	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	31	19	28	26	24.02	cps
Silicon	28-1	53707602	51859217	51374220	52313680	2.35	cps
Silver	107-1	608	575	667	617	7.52	cps
Silver	109-1	700	567	592	619	11.44	cps
Sodium	23-2	388037	386712	382659	385803	0.73	cps
Strontium	86-1	105262	108627	106538	106809	1.59	cps
Strontium	88-1	878383	908802	902033	896406	1.78	cps
Sulfur	34-1	422774	412230	398273	411092	2.99	cps
Terbium	159-1	2858964	2926054	2880796	2888605	1.18	cps
Terbium	159-2	1212484	1201372	1249449	1221101	2.06	cps
Thallium	203-1	1042	1117	1100	1086	3.63	cps
Thallium	205-1	2000	2567	2350	2306	12.40	cps
Tin	118-1	5551	7160	8678	7130	21.93	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-03	Instrumnet Name :	P8
Client Sample ID :	MW-102	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:33:19	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	433	375	383	397	7.94	cps
Uranium	238-1	50	100	33	61	56.78	cps
Vanadium	51-2	417	473	530	473	11.97	cps
Ytterbium	172-1	17	0	0	6	173.21	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	250	233	258	247	5.15	cps
Ytterbium	176-2	144	178	189	170	13.57	cps
Yttrium	89-1	3496060	3530813	3603196	3543356	1.54	cps
Yttrium	89-2	399692	413315	413952	408986	1.97	cps
Zinc	66-2	567	583	557	569	2.37	cps
Zirconium	90-1	275	233	275	261	9.21	cps
Zirconium	91-1	42	92	92	75	38.49	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-04	Instrumnet Name :	P8
Client Sample ID :	MW-103	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:36:22	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306	295	314	305	3.09	cps
Antimony	121-1	2092	1959	2050	2034	3.35	cps
Arsenic	75-2	113	94	107	105	9.28	cps
Barium	135-1	184971	189160	187436	187189	1.12	cps
Barium	137-1	325418	330064	332670	329384	1.12	cps
Beryllium	9-1	28	34	30	31	9.97	cps
Bismuth	209-1	1709974	1742947	1657272	1703397	2.54	cps
Bismuth	209-2	903777	877179	868762	883239	2.07	cps
Boron	10-1	780	716	696	731	6.01	cps
Boron	11-1	3422	3458	3556	3478	1.99	cps
Bromine	81-1	8351	9193	9203	8915	5.48	cps
Cadmium	111-1	163	159	144	155	6.34	cps
Cadmium	106-1	567	567	625	586	5.75	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	444665	456407	459594	453555	1.73	cps
Calcium	44-1	7452019	7638648	7649718	7580128	1.47	cps
Carbon	12-1	3629222	3876675	4028664	3844854	5.24	cps
Carbon	12-2	47678	49735	49425	48946	2.27	cps
Chlorine	35-1	229919830	259193464	277446115	255519803	9.38	cps
Chlorine	35-2	2852200	2912620	2941109	2901976	1.56	cps
Chromium	52-2	913	1083	933	977	9.51	cps
Cobalt	59-2	8446	8566	8513	8508	0.71	cps
Copper	63-2	2180	2284	2247	2237	2.34	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	67	67	50	61	15.75	cps
Erbium	164-2	20	20	7	16	49.47	cps
Gadolinium	160-1	58	42	58	53	18.23	cps
Gadolinium	160-2	17	17	7	13	43.29	cps
Holmium	165-1	2824828	2759621	2810683	2798377	1.23	cps
Holmium	165-2	1261990	1215274	1213983	1230416	2.22	cps
Indium	115-1	2354836	2346062	2378737	2359878	0.72	cps
Indium	115-2	386128	371438	369046	375537	2.46	cps
Iron	54-2	580482	583402	581910	581931	0.25	cps
Iron	56-2	10608968	10893351	10790531	10764283	1.34	cps
Iron	57-2	263255	267289	265972	265505	0.77	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-04	Instrumnet Name :	P8
Client Sample ID :	MW-103	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:36:22	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1467	1547	1410	1475	4.66	cps
Lead	206-1	433	339	461	411	15.58	cps
Lead	207-1	444	456	406	435	6.03	cps
Lead	208-1	1950	1761	1867	1859	5.09	cps
Lithium	6-1	1376414	1417406	1466454	1420091	3.17	cps
Magnesium	24-2	1629677	1636783	1609181	1625214	0.88	cps
Manganese	55-2	2388283	2344631	2336415	2356443	1.18	cps
Molybdenum	94-1	942	675	883	833	16.82	cps
Molybdenum	95-1	1408	1450	1233	1364	8.43	cps
Molybdenum	96-1	1308	1317	1417	1347	4.47	cps
Molybdenum	97-1	767	758	817	781	4.04	cps
Molybdenum	98-1	2109	2009	2084	2067	2.52	cps
Neodymium	150-1	40	40	47	42	9.12	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	263	327	257	282	13.69	cps
Phosphorus	31-2	458	542	433	478	11.87	cps
Potassium	39-2	135104	135575	134188	134955	0.52	cps
Rhodium	103-1	2276068	2254485	2293389	2274648	0.86	cps
Rhodium	103-2	1057830	1016807	1011290	1028642	2.47	cps
Scandium	45-1	1556455	1527903	1562333	1548897	1.19	cps
Scandium	45-2	59904	57588	57649	58380	2.26	cps
Selenium	82-1	-67	-124	-19	-70	-75.56	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	37	27	33	32	15.57	cps
Silicon	28-1	62182539	62024572	61856764	62021292	0.26	cps
Silver	107-1	417	450	442	436	3.98	cps
Silver	109-1	442	475	425	447	5.69	cps
Sodium	23-2	1369934	1403268	1362468	1378557	1.58	cps
Strontium	86-1	329582	341985	335654	335740	1.85	cps
Strontium	88-1	2860640	2919099	2884882	2888207	1.02	cps
Sulfur	34-1	354452	353689	359222	355788	0.84	cps
Terbium	159-1	2854195	2944568	2927595	2908786	1.65	cps
Terbium	159-2	1292069	1219097	1224856	1245341	3.26	cps
Thallium	203-1	317	283	283	294	6.54	cps
Thallium	205-1	583	800	625	669	17.17	cps
Tin	118-1	5343	6585	7519	6482	16.84	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-04	Instrumnet Name :	P8
Client Sample ID :	MW-103	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:36:22	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	483	433	508	475	8.04	cps
Uranium	238-1	483	533	508	508	4.92	cps
Vanadium	51-2	443	470	447	453	3.21	cps
Ytterbium	172-1	33	50	50	44	21.66	cps
Ytterbium	172-2	11	11	6	9	34.60	cps
Ytterbium	176-1	333	292	208	278	22.91	cps
Ytterbium	176-2	144	194	144	161	17.92	cps
Yttrium	89-1	3673819	3583344	3557259	3604808	1.70	cps
Yttrium	89-2	431780	410100	410174	417351	2.99	cps
Zinc	66-2	330	370	377	359	7.03	cps
Zirconium	90-1	258	275	250	261	4.88	cps
Zirconium	91-1	58	67	75	67	12.50	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-05	Instrumnet Name :	P8
Client Sample ID :	MW-104	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:39:23	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	255	251	240	249	3.14	cps
Antimony	121-1	1675	2025	2159	1953	12.78	cps
Arsenic	75-2	16	14	19	16	15.41	cps
Barium	135-1	41247	41999	42493	41913	1.50	cps
Barium	137-1	73693	77848	75444	75662	2.76	cps
Beryllium	9-1	16	28	16	20	34.62	cps
Bismuth	209-1	1740100	1717821	1761986	1739969	1.27	cps
Bismuth	209-2	811216	859040	906871	859042	5.57	cps
Boron	10-1	890	910	918	906	1.59	cps
Boron	11-1	3926	4066	4212	4068	3.52	cps
Bromine	81-1	6398	6889	7580	6956	8.54	cps
Cadmium	111-1	165	139	178	161	12.53	cps
Cadmium	106-1	817	617	742	725	13.94	cps
Cadmium	108-1	33	38	17	29	37.79	cps
Calcium	43-1	109226	112437	113543	111735	2.01	cps
Calcium	44-1	1900298	1921057	1928094	1916483	0.75	cps
Carbon	12-1	3163161	3418650	3469058	3350290	4.90	cps
Carbon	12-2	43850	44225	43833	43969	0.51	cps
Chlorine	35-1	255726014	284868173	296947107	279180431	7.59	cps
Chlorine	35-2	2977689	2992847	2986115	2985550	0.25	cps
Chromium	52-2	1033	957	990	993	3.87	cps
Cobalt	59-2	60	87	90	79	20.84	cps
Copper	63-2	2620	2417	2407	2481	4.85	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	17	3	7	9	78.08	cps
Erbium	164-1	67	25	33	42	52.92	cps
Erbium	164-2	10	7	23	13	66.12	cps
Gadolinium	160-1	58	25	58	47	40.76	cps
Gadolinium	160-2	3	20	7	10	88.20	cps
Holmium	165-1	2726322	2822458	2911071	2819950	3.28	cps
Holmium	165-2	1132002	1191663	1265130	1196265	5.57	cps
Indium	115-1	2326753	2406170	2464743	2399222	2.89	cps
Indium	115-2	343501	363890	384410	363933	5.62	cps
Iron	54-2	411	500	467	459	9.78	cps
Iron	56-2	3217	3184	3278	3226	1.48	cps
Iron	57-2	211	217	111	180	33.07	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-05	Instrumnet Name :	P8
Client Sample ID :	MW-104	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:39:23	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1560	1293	1277	1377	11.55	cps
Lead	206-1	344	350	428	374	12.45	cps
Lead	207-1	300	361	278	313	13.79	cps
Lead	208-1	1400	1383	1433	1406	1.81	cps
Lithium	6-1	1283865	1326483	1355235	1321861	2.72	cps
Magnesium	24-2	369798	359163	356119	361694	1.99	cps
Manganese	55-2	1090	1010	1007	1036	4.56	cps
Molybdenum	94-1	125	133	233	164	36.78	cps
Molybdenum	95-1	83	158	92	111	37.00	cps
Molybdenum	96-1	117	133	142	131	9.75	cps
Molybdenum	97-1	58	117	75	83	36.06	cps
Molybdenum	98-1	217	258	158	211	23.79	cps
Neodymium	150-1	7	53	13	24	103.26	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	367	370	300	346	11.43	cps
Phosphorus	31-2	150	183	58	131	49.58	cps
Potassium	39-2	85327	84305	82267	83966	1.86	cps
Rhodium	103-1	2242846	2274288	2398771	2305302	3.58	cps
Rhodium	103-2	933003	983860	1047105	987990	5.79	cps
Scandium	45-1	1538920	1591003	1569281	1566402	1.67	cps
Scandium	45-2	53002	55183	58234	55473	4.74	cps
Selenium	82-1	-157	94	112	16	913.99	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	28	30	28	29	4.03	cps
Silicon	28-1	50368184	50101894	49585179	50018419	0.80	cps
Silver	107-1	158	342	158	219	48.23	cps
Silver	109-1	175	225	367	256	38.90	cps
Sodium	23-2	694085	676914	679840	683613	1.34	cps
Strontium	86-1	110131	115802	111702	112545	2.60	cps
Strontium	88-1	935314	951653	962480	949816	1.44	cps
Sulfur	34-1	457948	449990	448056	451998	1.16	cps
Terbium	159-1	2871494	2898584	2980923	2917000	1.95	cps
Terbium	159-2	1122590	1198139	1274327	1198352	6.33	cps
Thallium	203-1	208	225	167	200	15.02	cps
Thallium	205-1	442	425	442	436	2.21	cps
Tin	118-1	5576	6302	6177	6018	6.44	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-05	Instrumnet Name :	P8
Client Sample ID :	MW-104	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:39:23	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	508	333	369	33.78	cps
Uranium	238-1	33	58	100	64	52.72	cps
Vanadium	51-2	380	390	300	357	13.83	cps
Ytterbium	172-1	25	17	8	17	50.01	cps
Ytterbium	172-2	17	17	6	13	49.47	cps
Ytterbium	176-1	225	267	258	250	8.82	cps
Ytterbium	176-2	172	156	250	193	26.17	cps
Yttrium	89-1	3633277	3598081	3658277	3629878	0.83	cps
Yttrium	89-2	376285	397719	420301	398102	5.53	cps
Zinc	66-2	563	590	570	574	2.42	cps
Zirconium	90-1	183	350	333	289	31.78	cps
Zirconium	91-1	58	108	108	92	31.50	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-06	Instrumnet Name :	P8
Client Sample ID :	MW-804	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:42:25	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	276	262	275	271	2.80	cps
Antimony	121-1	1892	1875	2125	1964	7.12	cps
Arsenic	75-2	54	59	58	57	4.64	cps
Barium	135-1	336248	343364	349037	342883	1.87	cps
Barium	137-1	596349	596743	623149	605413	2.54	cps
Beryllium	9-1	28	34	32	31	9.75	cps
Bismuth	209-1	1673875	1759432	1716668	1716658	2.49	cps
Bismuth	209-2	874820	912028	911174	899341	2.36	cps
Boron	10-1	712	776	724	737	4.61	cps
Boron	11-1	3640	3882	3934	3818	4.11	cps
Bromine	81-1	8071	9062	9483	8872	8.17	cps
Cadmium	111-1	152	131	154	146	8.60	cps
Cadmium	106-1	667	617	675	653	4.83	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	295301	306993	308652	303649	2.40	cps
Calcium	44-1	5033433	5173976	5162568	5123325	1.52	cps
Carbon	12-1	3367551	3566694	3743574	3559273	5.29	cps
Carbon	12-2	46006	46900	48288	47065	2.44	cps
Chlorine	35-1	254943664	282854298	301590415	279796126	8.39	cps
Chlorine	35-2	2968873	3073371	3165908	3069384	3.21	cps
Chromium	52-2	1090	1340	1237	1222	10.28	cps
Cobalt	59-2	2977	3100	3100	3059	2.33	cps
Copper	63-2	2124	2130	2264	2172	3.64	cps
Dysprosium	156-1	75	33	25	44	60.28	cps
Dysprosium	156-2	23	13	33	23	42.86	cps
Erbium	164-1	83	75	83	81	5.98	cps
Erbium	164-2	23	27	20	23	14.29	cps
Gadolinium	160-1	58	50	58	56	8.66	cps
Gadolinium	160-2	20	17	23	20	16.65	cps
Holmium	165-1	2741606	2857205	2903257	2834022	2.94	cps
Holmium	165-2	1214828	1258962	1271785	1248525	2.39	cps
Indium	115-1	2318108	2413115	2389387	2373537	2.08	cps
Indium	115-2	365506	380707	382920	376378	2.52	cps
Iron	54-2	296035	297576	298876	297495	0.48	cps
Iron	56-2	5566561	5509077	5527567	5534402	0.53	cps
Iron	57-2	137068	135875	136064	136336	0.47	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-06	Instrumnet Name :	P8
Client Sample ID :	MW-804	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:42:25	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1493	1390	1340	1408	5.55	cps
Lead	206-1	328	383	406	372	10.76	cps
Lead	207-1	311	233	267	270	14.43	cps
Lead	208-1	1400	1372	1428	1400	1.98	cps
Lithium	6-1	1233024	1333160	1295965	1287383	3.93	cps
Magnesium	24-2	1129529	1126998	1101832	1119453	1.37	cps
Manganese	55-2	1761563	1694022	1751892	1735826	2.10	cps
Molybdenum	94-1	1083	1192	867	1047	15.80	cps
Molybdenum	95-1	1625	1900	1909	1811	8.90	cps
Molybdenum	96-1	1925	1867	1967	1920	2.62	cps
Molybdenum	97-1	1000	1017	1075	1031	3.82	cps
Molybdenum	98-1	2709	2984	2859	2850	4.83	cps
Neodymium	150-1	47	80	60	62	26.96	cps
Neodymium	150-2	7	13	13	11	34.61	cps
Nickel	60-2	2110	1947	2104	2054	4.50	cps
Phosphorus	31-2	175	183	92	150	33.79	cps
Potassium	39-2	221293	221412	222827	221844	0.38	cps
Rhodium	103-1	2254912	2278824	2285430	2273055	0.71	cps
Rhodium	103-2	1020434	1051410	1062994	1044946	2.11	cps
Scandium	45-1	1550581	1581813	1609286	1580560	1.86	cps
Scandium	45-2	57451	58097	58900	58149	1.25	cps
Selenium	82-1	-37	-33	-28	-33	-14.27	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	16	28	25	23	27.15	cps
Silicon	28-1	54951122	54847007	54548347	54782159	0.38	cps
Silver	107-1	283	192	300	258	22.58	cps
Silver	109-1	258	300	133	231	37.62	cps
Sodium	23-2	1368428	1360075	1362771	1363758	0.31	cps
Strontium	86-1	308429	314025	317396	313283	1.45	cps
Strontium	88-1	2667334	2717214	2719235	2701261	1.09	cps
Sulfur	34-1	339998	339614	341410	340341	0.28	cps
Terbium	159-1	2911875	3034359	2999853	2982029	2.12	cps
Terbium	159-2	1242748	1268243	1271657	1260883	1.25	cps
Thallium	203-1	125	158	158	147	13.07	cps
Thallium	205-1	383	383	225	331	27.65	cps
Tin	118-1	4693	5293	5560	5182	8.57	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-06	Instrumnet Name :	P8
Client Sample ID :	MW-804	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:42:25	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	492	425	325	414	20.27	cps
Uranium	238-1	567	558	575	567	1.47	cps
Vanadium	51-2	363	373	370	369	1.38	cps
Ytterbium	172-1	67	42	33	47	36.74	cps
Ytterbium	172-2	17	6	17	13	49.47	cps
Ytterbium	176-1	358	300	283	314	12.55	cps
Ytterbium	176-2	133	156	206	165	22.44	cps
Yttrium	89-1	3629659	3616830	3652323	3632938	0.49	cps
Yttrium	89-2	403890	418049	422395	414778	2.33	cps
Zinc	66-2	353	333	287	324	10.54	cps
Zirconium	90-1	217	400	217	278	38.11	cps
Zirconium	91-1	75	108	50	78	37.63	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01	Instrumnet Name :	P8
Client Sample ID :	MW-2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:45:27	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	390	367	369	5.43	cps
Antimony	121-1	2067	2275	2575	2306	11.08	cps
Arsenic	75-2	55	49	50	51	6.26	cps
Barium	135-1	35397	37469	37669	36845	3.41	cps
Barium	137-1	63558	65006	64722	64429	1.19	cps
Beryllium	9-1	16	16	30	21	39.09	cps
Bismuth	209-1	1761273	1749623	1765706	1758867	0.47	cps
Bismuth	209-2	899530	895600	889820	894983	0.55	cps
Boron	10-1	5174	6128	6612	5971	12.26	cps
Boron	11-1	26469	29854	31868	29397	9.28	cps
Bromine	81-1	8341	8652	9793	8929	8.57	cps
Cadmium	111-1	324	313	336	324	3.54	cps
Cadmium	106-1	750	708	725	728	2.88	cps
Cadmium	108-1	25	29	25	26	9.12	cps
Calcium	43-1	141049	145180	146876	144368	2.08	cps
Calcium	44-1	2455364	2467732	2461866	2461654	0.25	cps
Carbon	12-1	3405351	3464243	3675661	3515085	4.04	cps
Carbon	12-2	44267	45822	45187	45092	1.73	cps
Chlorine	35-1	251313156	284125731	295509657	276982848	8.28	cps
Chlorine	35-2	2915240	3005775	3043564	2988193	2.21	cps
Chromium	52-2	790	793	870	818	5.53	cps
Cobalt	59-2	9984	10257	9793	10011	2.33	cps
Copper	63-2	4117	4087	4227	4144	1.78	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	8	33	8	17	86.62	cps
Gadolinium	160-2	7	17	17	13	43.29	cps
Holmium	165-1	2857350	2858109	2804190	2839883	1.09	cps
Holmium	165-2	1253168	1252791	1241564	1249174	0.53	cps
Indium	115-1	2468724	2426377	2474028	2456376	1.06	cps
Indium	115-2	372415	377357	379395	376389	0.95	cps
Iron	54-2	76068	73862	73874	74601	1.70	cps
Iron	56-2	1410566	1366792	1393719	1390359	1.59	cps
Iron	57-2	34609	34559	34030	34399	0.93	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01	Instrumnet Name :	P8
Client Sample ID :	MW-2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:45:27	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1453	1363	1353	1390	3.96	cps
Lead	206-1	378	439	367	394	9.86	cps
Lead	207-1	344	356	256	319	17.21	cps
Lead	208-1	1439	1606	1383	1476	7.84	cps
Lithium	6-1	1230461	1266445	1233294	1243400	1.61	cps
Magnesium	24-2	473824	474694	476537	475018	0.29	cps
Manganese	55-2	618386	616084	623453	619308	0.61	cps
Molybdenum	94-1	600	592	500	564	9.84	cps
Molybdenum	95-1	583	625	708	639	9.96	cps
Molybdenum	96-1	708	800	775	761	6.23	cps
Molybdenum	97-1	383	342	392	372	7.20	cps
Molybdenum	98-1	1033	1083	1033	1050	2.75	cps
Neodymium	150-1	40	60	33	44	31.23	cps
Neodymium	150-2	17	3	3	8	99.04	cps
Nickel	60-2	2200	2144	2317	2220	3.98	cps
Phosphorus	31-2	108	192	133	144	29.60	cps
Potassium	39-2	100339	100382	100449	100390	0.06	cps
Rhodium	103-1	2288340	2296282	2309923	2298182	0.47	cps
Rhodium	103-2	1035673	1033563	1047377	1038871	0.72	cps
Scandium	45-1	1624728	1593457	1563851	1594012	1.91	cps
Scandium	45-2	57805	57421	57535	57587	0.34	cps
Selenium	82-1	-61	26	101	22	364.99	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	31	30	23	28	15.57	cps
Silicon	28-1	50807956	50727394	50584869	50706740	0.22	cps
Silver	107-1	142	225	100	156	40.92	cps
Silver	109-1	158	200	92	150	36.43	cps
Sodium	23-2	893144	908080	897910	899711	0.85	cps
Strontium	86-1	111964	114870	115466	114100	1.64	cps
Strontium	88-1	938577	958976	978351	958635	2.07	cps
Sulfur	34-1	460589	456919	450292	455933	1.14	cps
Terbium	159-1	3018113	3043607	3033290	3031670	0.42	cps
Terbium	159-2	1258636	1256552	1262015	1259068	0.22	cps
Thallium	203-1	158	117	192	156	24.16	cps
Thallium	205-1	308	358	308	325	8.88	cps
Tin	118-1	4084	4759	4959	4601	9.97	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01	Instrumnet Name :	P8
Client Sample ID :	MW-2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:45:27	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	517	492	453	19.85	cps
Uranium	238-1	233	192	233	219	10.96	cps
Vanadium	51-2	273	323	353	317	12.76	cps
Ytterbium	172-1	8	8	25	14	69.31	cps
Ytterbium	172-2	6	11	0	6	99.97	cps
Ytterbium	176-1	317	267	208	264	20.55	cps
Ytterbium	176-2	122	161	156	146	14.38	cps
Yttrium	89-1	3757699	3664757	3705644	3709367	1.26	cps
Yttrium	89-2	413956	409530	416028	413171	0.80	cps
Zinc	66-2	1510	1703	1633	1616	6.06	cps
Zirconium	90-1	367	392	425	394	7.42	cps
Zirconium	91-1	133	117	108	119	10.66	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:48:27	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	241	295	275	270	10.05	cps
Antimony	121-1	2034	2267	2592	2297	12.21	cps
Arsenic	75-2	40	48	45	44	9.13	cps
Barium	135-1	36884	37110	38790	37595	2.77	cps
Barium	137-1	62838	64864	64613	64105	1.72	cps
Beryllium	9-1	28	24	26	26	7.68	cps
Bismuth	209-1	1723999	1764821	1718298	1735706	1.46	cps
Bismuth	209-2	891689	897655	886933	892092	0.60	cps
Boron	10-1	5960	6506	6752	6406	6.33	cps
Boron	11-1	29343	31862	32768	31324	5.66	cps
Bromine	81-1	7730	9303	9683	8905	11.63	cps
Cadmium	111-1	343	343	366	351	3.88	cps
Cadmium	106-1	667	733	592	664	10.68	cps
Cadmium	108-1	17	29	21	22	28.64	cps
Calcium	43-1	142917	144929	145162	144336	0.86	cps
Calcium	44-1	2434479	2472823	2522844	2476715	1.79	cps
Carbon	12-1	3279277	3498797	3593887	3457321	4.67	cps
Carbon	12-2	43832	45404	45329	44855	1.98	cps
Chlorine	35-1	249991481	280024515	294903898	274973298	8.32	cps
Chlorine	35-2	2956053	3016083	2971252	2981129	1.05	cps
Chromium	52-2	770	873	770	804	7.42	cps
Cobalt	59-2	9650	9687	9817	9718	0.90	cps
Copper	63-2	4124	4114	4027	4088	1.30	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	17	8	25	17	50.01	cps
Gadolinium	160-2	20	30	17	22	31.22	cps
Holmium	165-1	2812383	2855722	2803086	2823731	0.99	cps
Holmium	165-2	1265291	1251300	1253201	1256597	0.60	cps
Indium	115-1	2370552	2441779	2401723	2404684	1.48	cps
Indium	115-2	378572	377402	376928	377634	0.22	cps
Iron	54-2	76219	75465	73544	75076	1.84	cps
Iron	56-2	1360372	1360675	1347170	1356072	0.57	cps
Iron	57-2	33556	34347	33818	33907	1.19	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:48:27	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1357	1433	1350	1380	3.36	cps
Lead	206-1	400	350	328	359	10.30	cps
Lead	207-1	317	322	333	324	2.62	cps
Lead	208-1	1467	1500	1483	1483	1.12	cps
Lithium	6-1	1195057	1232944	1222824	1216942	1.61	cps
Magnesium	24-2	474408	464259	462312	466993	1.39	cps
Manganese	55-2	612537	606656	602639	607278	0.82	cps
Molybdenum	94-1	508	450	400	453	11.98	cps
Molybdenum	95-1	733	600	700	678	10.24	cps
Molybdenum	96-1	717	800	867	794	9.46	cps
Molybdenum	97-1	392	392	392	392	0.00	cps
Molybdenum	98-1	1217	1125	1050	1131	7.38	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	2254	2170	2220	2215	1.89	cps
Phosphorus	31-2	100	92	100	97	4.95	cps
Potassium	39-2	100633	100373	100960	100655	0.29	cps
Rhodium	103-1	2290377	2323044	2292670	2302030	0.79	cps
Rhodium	103-2	1036570	1040992	1038762	1038775	0.21	cps
Scandium	45-1	1558043	1576837	1600278	1578386	1.34	cps
Scandium	45-2	58264	57106	57571	57647	1.01	cps
Selenium	82-1	58	-22	79	38	138.99	cps
Selenium	77-2	10	0	7	6	91.64	cps
Selenium	78-2	45	31	20	32	39.16	cps
Silicon	28-1	50062521	50102063	49814787	49993123	0.31	cps
Silver	107-1	75	150	108	111	33.82	cps
Silver	109-1	125	142	175	147	17.30	cps
Sodium	23-2	887170	884314	875252	882245	0.71	cps
Strontium	86-1	113046	113265	112139	112817	0.53	cps
Strontium	88-1	944728	964836	971056	960207	1.43	cps
Sulfur	34-1	437465	441354	437602	438807	0.50	cps
Terbium	159-1	3023770	3034051	3076137	3044653	0.91	cps
Terbium	159-2	1257412	1258749	1258857	1258339	0.06	cps
Thallium	203-1	108	125	125	119	8.05	cps
Thallium	205-1	192	225	350	256	32.66	cps
Tin	118-1	3401	4334	4376	4037	13.66	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	M2504-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:48:27	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	408	533	431	21.76	cps
Uranium	238-1	150	200	183	178	14.32	cps
Vanadium	51-2	300	313	370	328	11.34	cps
Ytterbium	172-1	17	33	0	17	99.99	cps
Ytterbium	172-2	11	0	11	7	86.60	cps
Ytterbium	176-1	242	258	208	236	10.78	cps
Ytterbium	176-2	156	167	133	152	11.18	cps
Yttrium	89-1	3712733	3716647	3685891	3705091	0.45	cps
Yttrium	89-2	420036	414645	416033	416905	0.67	cps
Zinc	66-2	1740	1583	1613	1646	5.05	cps
Zirconium	90-1	250	250	242	247	1.95	cps
Zirconium	91-1	42	67	75	61	28.38	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : CCV09 Instrumnet Name : P8
 Client Sample ID : CCV09 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 15:52:39 DataFile Name : 037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	841469	835545	825217	834077	0.99	cps
Antimony	121-1	879374	893250	902019	891548	1.28	cps
Arsenic	75-2	42069	41953	41482	41835	0.74	cps
Barium	135-1	1185238	1220369	1209365	1204991	1.49	cps
Barium	137-1	2116498	2146852	2172749	2145366	1.31	cps
Beryllium	9-1	319281	329955	334538	327925	2.39	cps
Bismuth	209-1	1760385	1723267	1780170	1754608	1.65	cps
Bismuth	209-2	939985	933387	952804	942059	1.05	cps
Boron	10-1	21604	24285	26478	24122	10.12	cps
Boron	11-1	104582	117448	124356	115462	8.69	cps
Bromine	81-1	2393	2333	1952	2226	10.73	cps
Cadmium	111-1	239940	246848	246435	244408	1.59	cps
Cadmium	106-1	25967	26551	26777	26431	1.58	cps
Cadmium	108-1	18679	18750	18525	18652	0.62	cps
Calcium	43-1	1389459	1412447	1377649	1393185	1.27	cps
Calcium	44-1	22277110	23062947	22905452	22748503	1.83	cps
Carbon	12-1	2963448	3050615	3086804	3033622	2.09	cps
Carbon	12-2	39662	38058	39445	39055	2.23	cps
Chlorine	35-1	32494398	30812141	29996693	31101077	4.10	cps
Chlorine	35-2	270086	254416	242422	255641	5.43	cps
Chromium	52-2	313515	313628	312953	313366	0.12	cps
Cobalt	59-2	529276	523545	520794	524539	0.83	cps
Copper	63-2	4017788	3928026	3858975	3934930	2.02	cps
Dysprosium	156-1	300	275	242	272	10.75	cps
Dysprosium	156-2	153	173	130	152	14.25	cps
Erbium	164-1	42	108	117	89	46.24	cps
Erbium	164-2	23	33	23	27	21.65	cps
Gadolinium	160-1	267	258	417	314	28.39	cps
Gadolinium	160-2	143	147	170	153	9.47	cps
Holmium	165-1	3062520	2985520	3035261	3027767	1.29	cps
Holmium	165-2	1376292	1363212	1372402	1370635	0.49	cps
Indium	115-1	2559473	2480731	2609765	2549989	2.55	cps
Indium	115-2	406074	405695	410202	407323	0.61	cps
Iron	54-2	3428896	3407542	3352027	3396155	1.17	cps
Iron	56-2	61967149	61560490	61300087	61609242	0.55	cps
Iron	57-2	1553022	1548086	1553715	1551608	0.20	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:52:39	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1440	1520	1590	1517	4.95	cps
Lead	206-1	3312315	3393291	3451236	3385614	2.06	cps
Lead	207-1	2966004	3071023	3042396	3026474	1.79	cps
Lead	208-1	13373989	13662695	13789614	13608766	1.57	cps
Lithium	6-1	1094814	1118103	1113317	1108745	1.11	cps
Magnesium	24-2	12337027	12267844	12217312	12274061	0.49	cps
Manganese	55-2	1550402	1509138	1461467	1507002	2.95	cps
Molybdenum	94-1	2213250	2280715	2250814	2248260	1.50	cps
Molybdenum	95-1	2846534	2812750	2828152	2829146	0.60	cps
Molybdenum	96-1	3141471	3114060	3134149	3129893	0.45	cps
Molybdenum	97-1	1742871	1728664	1749131	1740222	0.60	cps
Molybdenum	98-1	4494353	4489431	4512838	4498874	0.27	cps
Neodymium	150-1	87	67	53	69	24.35	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	146761	143943	143296	144667	1.27	cps
Phosphorus	31-2	12722	12606	12381	12570	1.38	cps
Potassium	39-2	4554768	4532035	4469667	4518823	0.98	cps
Rhodium	103-1	2393568	2358361	2405977	2385968	1.04	cps
Rhodium	103-2	1096554	1099718	1104357	1100210	0.36	cps
Scandium	45-1	1704642	1704320	1665915	1691626	1.32	cps
Scandium	45-2	64819	64718	63670	64402	0.99	cps
Selenium	82-1	16885	17116	17147	17049	0.84	cps
Selenium	77-2	563	500	497	520	7.22	cps
Selenium	78-2	2036	1987	1920	1981	2.94	cps
Silicon	28-1	39526681	39450777	39808078	39595179	0.48	cps
Silver	107-1	1248060	1284731	1279315	1270702	1.56	cps
Silver	109-1	1206901	1214139	1214185	1211742	0.35	cps
Sodium	23-2	23905066	23522672	23527451	23651730	0.93	cps
Strontium	86-1	3309276	3354877	3344638	3336264	0.72	cps
Strontium	88-1	27690378	28692391	29065707	28482825	2.50	cps
Sulfur	34-1	481180	486533	485918	484544	0.60	cps
Terbium	159-1	3234596	3197806	3232747	3221716	0.64	cps
Terbium	159-2	1378976	1379948	1372459	1377127	0.30	cps
Thallium	203-1	786533	797107	821637	801759	2.25	cps
Thallium	205-1	1913039	1914993	2017149	1948394	3.06	cps
Tin	118-1	789731	794041	803404	795726	0.88	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:52:39	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	744176	777833	771283	764431	2.33	cps
Uranium	238-1	2487238	2497975	2522182	2502465	0.72	cps
Vanadium	51-2	260720	254671	254435	256609	1.39	cps
Ytterbium	172-1	17	25	0	14	91.65	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	275	250	233	253	8.30	cps
Ytterbium	176-2	200	150	167	172	14.79	cps
Yttrium	89-1	4022660	3955327	4087182	4021723	1.64	cps
Yttrium	89-2	464854	458431	464436	462574	0.78	cps
Zinc	66-2	543657	546043	536475	542058	0.92	cps
Zirconium	90-1	1805470	1802917	1838898	1815762	1.11	cps
Zirconium	91-1	388845	402411	396905	396054	1.72	cps

LB Number : LB114689 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P8
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 16:18:41 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	292	265	278	4.95	cps
Antimony	121-1	83	100	50	78	32.73	cps
Arsenic	75-2	5	11	9	8	36.66	cps
Barium	135-1	33	17	0	17	99.99	cps
Barium	137-1	67	25	75	56	48.22	cps
Beryllium	9-1	14	30	26	23	35.67	cps
Bismuth	209-1	1748828	1776025	1713218	1746024	1.80	cps
Bismuth	209-2	955741	941032	941775	946182	0.88	cps
Boron	10-1	442	394	424	420	5.77	cps
Boron	11-1	1902	1882	1940	1908	1.54	cps
Bromine	81-1	1732	1712	1542	1662	6.29	cps
Cadmium	111-1	160	145	174	160	8.87	cps
Cadmium	106-1	775	592	800	722	15.75	cps
Cadmium	108-1	17	21	4	14	62.43	cps
Calcium	43-1	249	245	277	257	6.92	cps
Calcium	44-1	50869	51020	51075	50988	0.21	cps
Carbon	12-1	2573255	2548453	2549193	2556967	0.55	cps
Carbon	12-2	28821	28319	29756	28965	2.52	cps
Chlorine	35-1	3190401	3185219	3181063	3185561	0.15	cps
Chlorine	35-2	30742	30750	30383	30625	0.68	cps
Chromium	52-2	617	650	657	641	3.34	cps
Cobalt	59-2	23	23	43	30	38.49	cps
Copper	63-2	220	227	303	250	18.52	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	2968391	2884518	2784438	2879115	3.20	cps
Holmium	165-2	1316895	1319807	1298943	1311882	0.86	cps
Indium	115-1	2491587	2562748	2489233	2514523	1.66	cps
Indium	115-2	412639	417637	410989	413755	0.84	cps
Iron	54-2	439	456	467	454	3.08	cps
Iron	56-2	1639	1661	1656	1652	0.70	cps
Iron	57-2	83	83	89	85	3.76	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:18:41	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1377	1377	1467	1407	3.69	cps
Lead	206-1	150	206	194	183	16.04	cps
Lead	207-1	111	189	139	146	26.94	cps
Lead	208-1	572	689	767	676	14.48	cps
Lithium	6-1	1266828	1299295	1297261	1287795	1.41	cps
Magnesium	24-2	250	442	325	339	28.50	cps
Manganese	55-2	43	57	77	59	28.49	cps
Molybdenum	94-1	100	75	67	81	21.53	cps
Molybdenum	95-1	17	25	42	28	45.82	cps
Molybdenum	96-1	42	58	58	53	18.23	cps
Molybdenum	97-1	8	17	0	8	100.02	cps
Molybdenum	98-1	25	17	17	19	24.73	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3	47	10	20	116.68	cps
Phosphorus	31-2	200	208	200	203	2.37	cps
Potassium	39-2	22985	22735	21575	22432	3.36	cps
Rhodium	103-1	2445959	2546480	2435296	2475911	2.48	cps
Rhodium	103-2	1102195	1087106	1081478	1090260	0.98	cps
Scandium	45-1	1591457	1620602	1558032	1590030	1.97	cps
Scandium	45-2	62160	63074	62649	62628	0.73	cps
Selenium	82-1	31	21	37	29	27.58	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	28	26	23	26	9.80	cps
Silicon	28-1	43428496	43626848	43273645	43442996	0.41	cps
Silver	107-1	50	25	58	44	39.03	cps
Silver	109-1	50	8	92	50	83.34	cps
Sodium	23-2	6327	6543	6685	6518	2.77	cps
Strontium	86-1	2334	2750	2342	2475	9.62	cps
Strontium	88-1	342	325	308	325	5.13	cps
Sulfur	34-1	405444	400011	403619	403024	0.69	cps
Terbium	159-1	3082048	3038095	3065112	3061752	0.72	cps
Terbium	159-2	1350796	1334237	1324279	1336437	1.00	cps
Thallium	203-1	67	67	50	61	15.75	cps
Thallium	205-1	200	150	158	169	15.81	cps
Tin	118-1	325	225	258	269	18.90	cps

LB Number :	LB114689	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:18:41	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	250	225	219	15.35	cps
Uranium	238-1	8	17	8	11	43.34	cps
Vanadium	51-2	17	13	10	13	25.01	cps
Ytterbium	172-1	17	17	0	11	86.60	cps
Ytterbium	172-2	11	0	11	7	86.60	cps
Ytterbium	176-1	308	242	308	286	13.45	cps
Ytterbium	176-2	283	228	261	257	10.86	cps
Yttrium	89-1	3805182	3962941	3728226	3832116	3.12	cps
Yttrium	89-2	449861	451245	445350	448819	0.69	cps
Zinc	66-2	83	80	70	78	8.92	cps
Zirconium	90-1	192	225	200	206	8.44	cps
Zirconium	91-1	50	50	92	64	37.66	cps