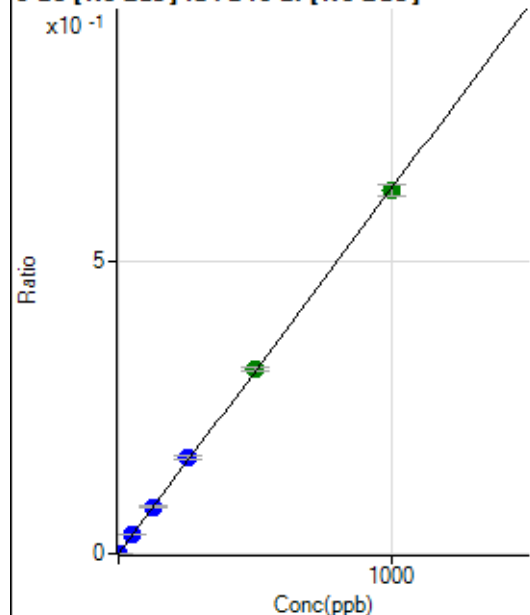


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100222-MS.b\
Analysis File: P7100222-MS.batch.bin
DA Date-Time: 2022-10-02 14:21:01
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2022-10-02 14:11:12
2	005CALS.d	S02	2022-10-02 14:16:56
3	006CALS.d	S03	2022-10-02 14:19:49
4	007CALS.d	S04	2022-10-02 14:22:33
5	008CALS.d	S05	2022-10-02 14:25:19
6	009CALS.d	S06	2022-10-02 14:28:03
7	010CALS.d	S07	2022-10-02 14:30:50
8	011CALS.d	S08	2022-10-02 14:33:34

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	134.45	0.0000	P	17.5
2	☐	1.000	1.096	2946.97	0.0007	P	2.8
3	☐	50.000	51.436	133160.51	0.0321	P	2.5
4	☐	125.000	127.266	334461.63	0.0794	P	4.5
5	☐	250.000	262.607	662603.21	0.1638	P	2.7
6	☐	500.000	505.745	1291596.08	0.3154	A	2.8
7	☐	1000.000	993.621	2495065.55	0.6197	A	3.2
8	☐			1010.05	0.0003	P	5.3

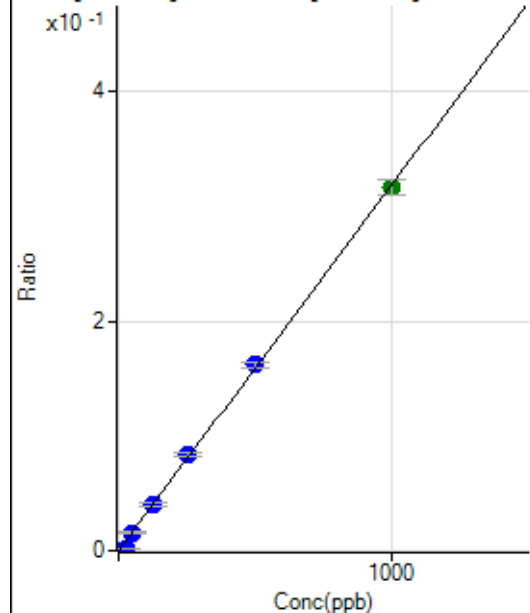
$$y = 6.2363\text{E-}004 * x + 3.3211\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02802$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.34	0.0001	P	17.8
2	☐	25.000	6.540	8797.18	0.0021	P	7.0
3	☐	50.000	49.687	65812.24	0.0159	P	2.8
4	☐	125.000	124.639	167318.07	0.0397	P	7.0
5	☐	250.000	263.599	339564.38	0.0839	P	5.2
6	☐	500.000	507.951	662204.75	0.1617	P	3.3
7	☐	1000.000	993.147	1272798.71	0.3161	A	4.3
8	☐			25304.49	0.0065	P	9.3

$$y = 3.1825\text{E-}004 * x + 5.7771\text{E-}005$$

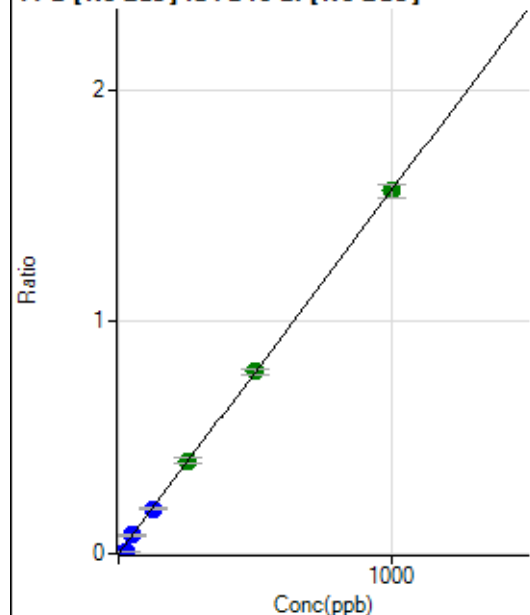
$$R = 0.9996$$

$$DL = 0.09685$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1372.32	0.0003	P	9.2
2	☐	25.000	6.415	42720.83	0.0104	P	6.8
3	☐	50.000	50.481	329382.39	0.0794	P	4.5
4	☐	125.000	123.626	817313.26	0.1940	P	5.7
5	☐	250.000	254.685	1615320.04	0.3994	A	6.2
6	☐	500.000	501.235	3217374.53	0.7857	A	3.2
7	☐	1000.000	998.824	6302840.03	1.5653	A	3.8
8	☐			125135.21	0.0324	P	10.9

$$y = 0.0016 * x + 3.3942E-004$$

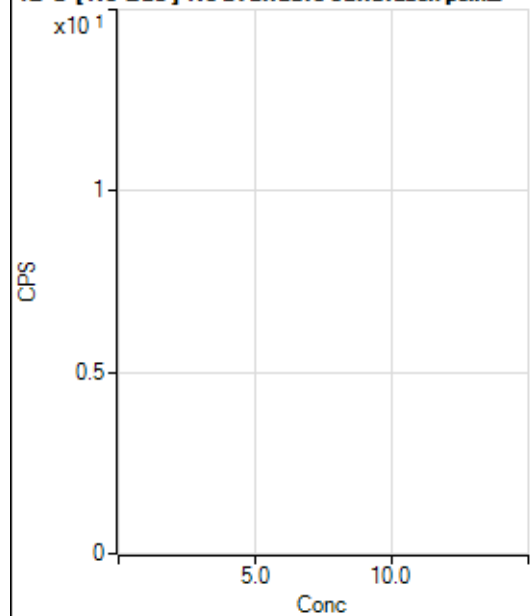
$$R = 0.9998$$

$$DL = 0.06$$

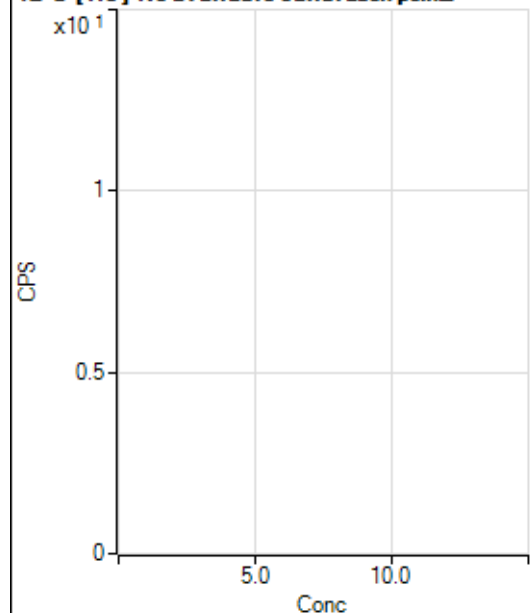
Weight: <None>

Min Conc: 0

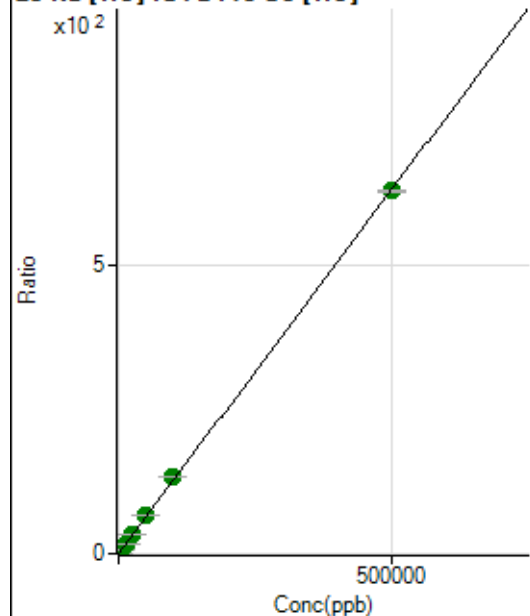
12 C [No Gas] No available calibration points



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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20517.59	0.0328	P	0.9
2	☐	500.000	549.414	453977.95	0.7274	P	0.7
3	☐	5000.000	5476.076	4418614.05	6.9555	A	0.8
4	☐	12500.000	13590.321	10999166.91	17.2132	A	0.6
5	☐	25000.000	26434.937	21971447.71	33.4508	A	1.9
6	☐	50000.000	53570.401	43321647.73	67.7544	A	1.0
7	☐	100000.00	105067.85	86216422.30	132.8554	A	1.3
8	☐	500000.00	498525.57	403587216.4	630.2488	A	0.8

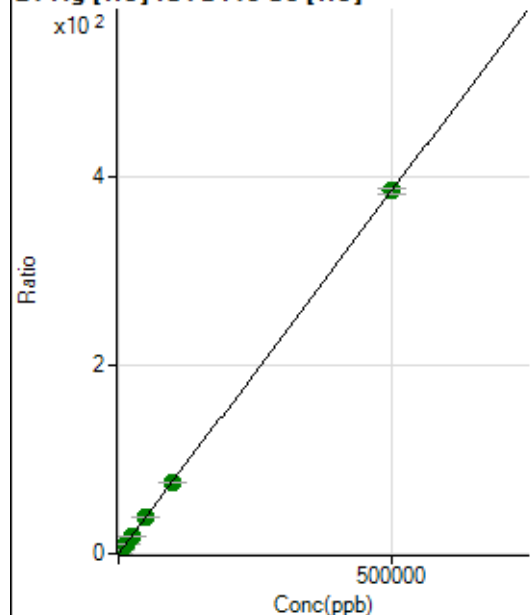
$$y = 0.0013 * x + 0.0328$$

$$R = 0.9999$$

$$DL = 0.7346$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	385.20	0.0006	P	15.2
2	☐	500.000	555.594	267597.56	0.4287	P	0.7
3	☐	5000.000	5236.367	2563604.86	4.0356	A	1.1
4	☐	12500.000	12923.509	6363817.21	9.9591	A	1.0
5	☐	25000.000	24881.645	12592377.94	19.1737	A	2.3
6	☐	50000.000	50668.520	24964660.97	39.0443	A	0.5
7	☐	100000.00	98753.965	49383433.05	76.0976	A	1.1
8	☐	500000.00	500175.26	246806299.9	385.4214	A	1.3

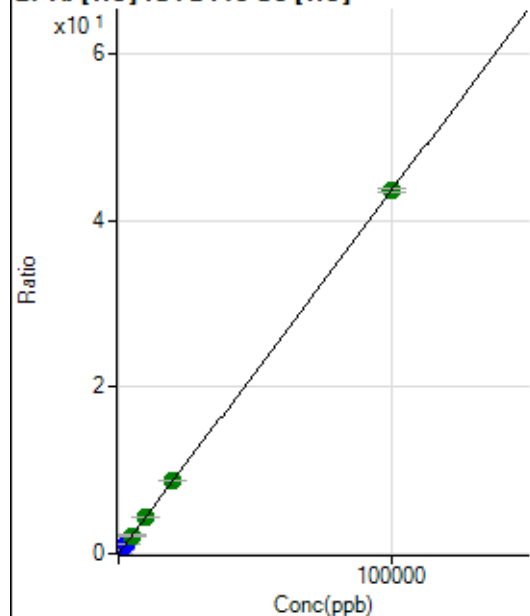
$$y = 7.7057\text{E-}004 * x + 6.1625\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.3658$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	262.97	0.0004	P	12.7
2	☐	20.000	23.068	6536.70	0.0105	P	1.1
3	☐	1000.000	1248.859	345963.90	0.5446	P	0.5
4	☐	2500.000	2588.340	720952.38	1.1283	P	0.6
5	☐	5000.000	4990.545	1428430.11	2.1750	A	2.4
6	☐	10000.000	10267.347	2860875.90	4.4744	A	0.7
7	☐	20000.000	20033.100	5664946.08	8.7297	A	1.3
8	☐	100000.00	99962.420	27893167.98	43.5585	A	1.1

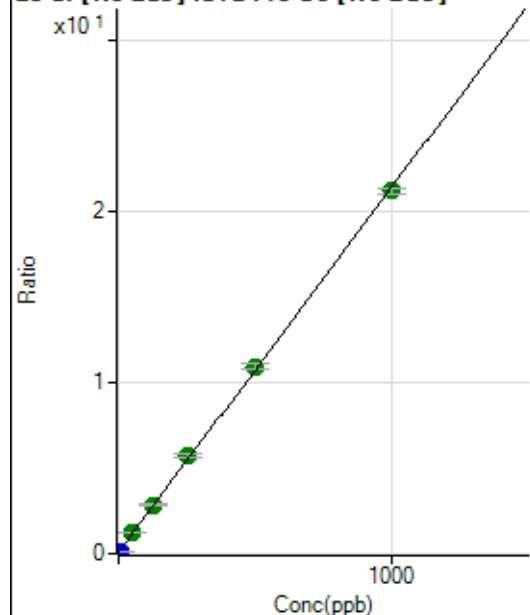
$$y = 4.3574\text{E-}004 * x + 4.2081\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.3689$$

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	695549.15	0.0847	P	0.7
2	☐	10.000	0.419	772019.08	0.0937	P	0.6
3	☐	50.000	52.700	10122127.31	1.2063	A	2.2
4	☐	125.000	128.604	23783459.38	2.8218	A	3.2
5	☐	250.000	266.992	47223600.01	5.7670	A	4.3
6	☐	500.000	509.159	91806669.41	10.9209	A	2.7
7	☐	1000.000	990.683	180674666.5	21.1690	A	1.8
8	☐			2436096.49	0.2900	A	5.7

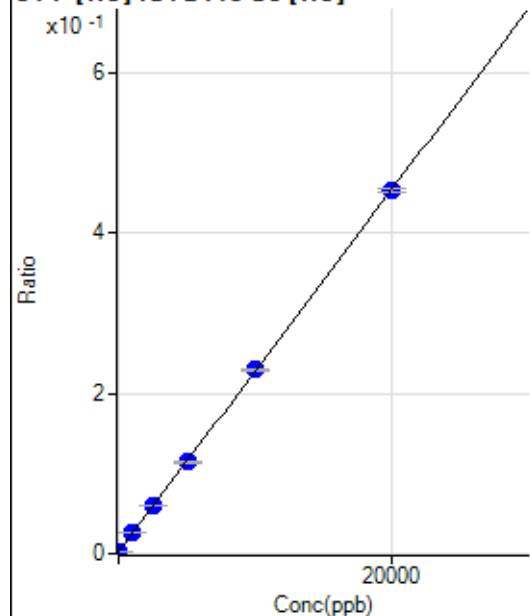
$$y = 0.0213 * x + 0.0847$$

$$R = 0.9997$$

$$DL = 0.07888$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-11.559	1163.97	0.0019	P	4.4
2	☐	0.000	11.559	1486.23	0.0024	P	13.3
3	☐	1000.000	1043.551	16297.91	0.0257	P	2.8
4	☐	2500.000	2554.919	38173.23	0.0597	P	0.7
5	☐	5000.000	4964.161	74922.51	0.1141	P	2.5
6	☐	10000.000	10092.455	146886.92	0.2297	P	1.2
7	☐	20000.000	19953.690	293401.75	0.4521	P	1.1
8	☐			1344.54	0.0021	P	6.9

$$y = 2.2552E-005 * x + 0.0021$$

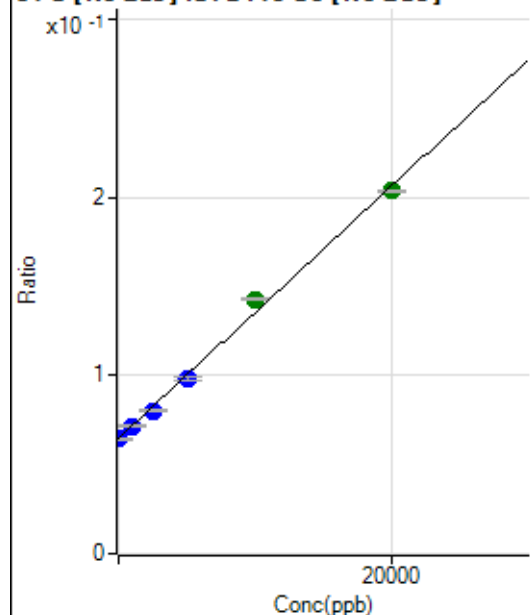
$$R = 1.0000$$

$$DL = 26.48$$

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	13.755	532858.08	0.0649	P	0.4
2	☐	0.000	-13.755	533489.19	0.0647	P	1.8
3	☐	1000.000	930.899	599280.09	0.0714	P	1.1
4	☐	2500.000	2159.163	675328.42	0.0801	P	1.2
5	☐	5000.000	4738.807	805899.74	0.0984	P	1.8
6	☐	10000.000	11026.027	1201515.94	0.1429	A	1.3
7	☐	20000.000	19598.344	1738097.95	0.2036	A	0.9
8	☐			456254.85	0.0543	P	0.8

$$y = 7.0828E-006 * x + 0.0648$$

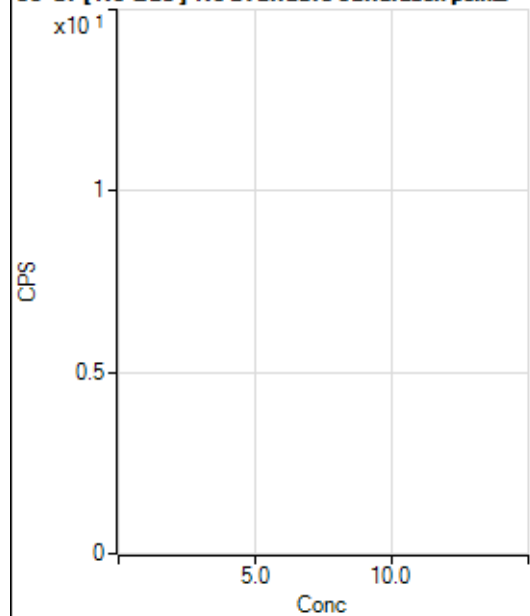
R = 0.9978

DL = 298.1

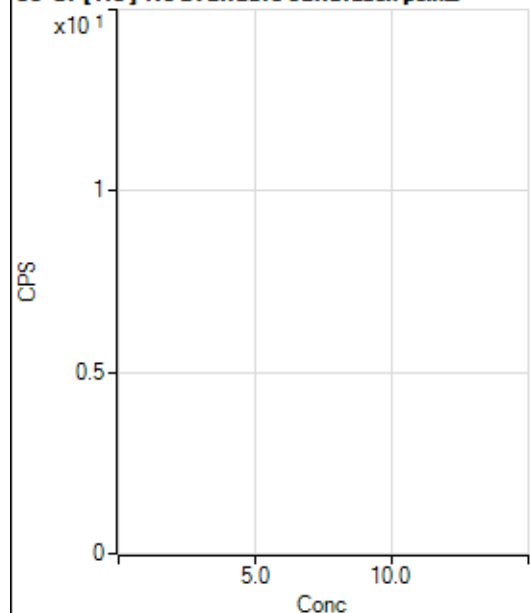
Weight: <None>

Min Conc: 0

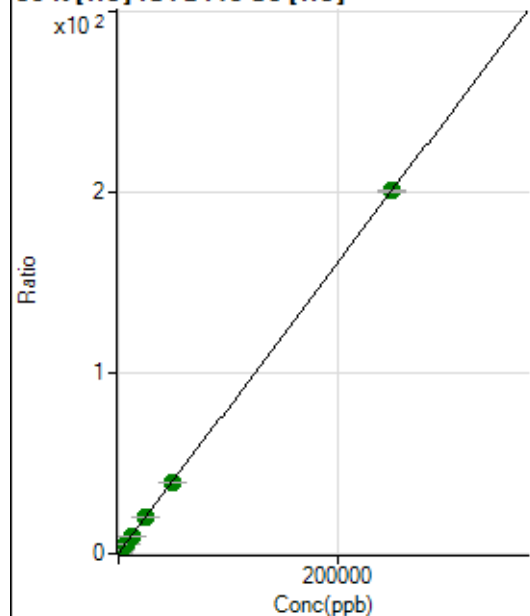
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	98300.21	0.1573	P	0.9
2	☐	500.000	544.391	370365.96	0.5934	P	0.2
3	☐	2500.000	2534.499	1389807.94	2.1877	A	0.9
4	☐	6250.000	6268.394	3309190.11	5.1791	A	1.7
5	☐	12500.000	12222.002	6534526.62	9.9487	A	1.5
6	☐	25000.000	24795.624	12801812.09	20.0218	A	0.9
7	☐	50000.000	49219.621	25689835.12	39.5887	A	1.1
8	☐	250000.00	250189.52	128450484.8	200.5920	A	0.2

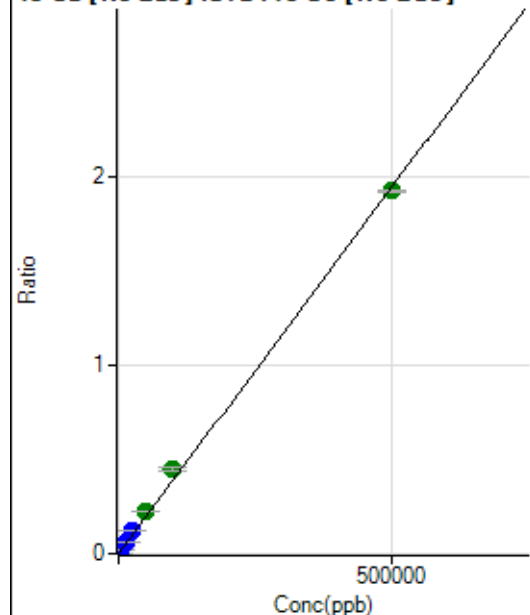
$$y = 8.0113\text{E-}004 * x + 0.1573$$

$$R = 1.0000$$

$$DL = 5.528$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	338.90	0.0000	P	7.1
2	☐	500.000	542.304	17716.26	0.0021	P	1.0
3	☐	5000.000	6017.251	196594.30	0.0234	P	2.4
4	☐	12500.000	15051.856	493444.91	0.0585	P	4.0
5	☐	25000.000	31163.257	992191.20	0.1212	P	4.5
6	☐	50000.000	58120.169	1899507.59	0.2260	A	2.0
7	☐	100000.00	116079.61	3851093.36	0.4512	A	3.3
8	☐	500000.00	495589.88	16173598.97	1.9264	A	0.5

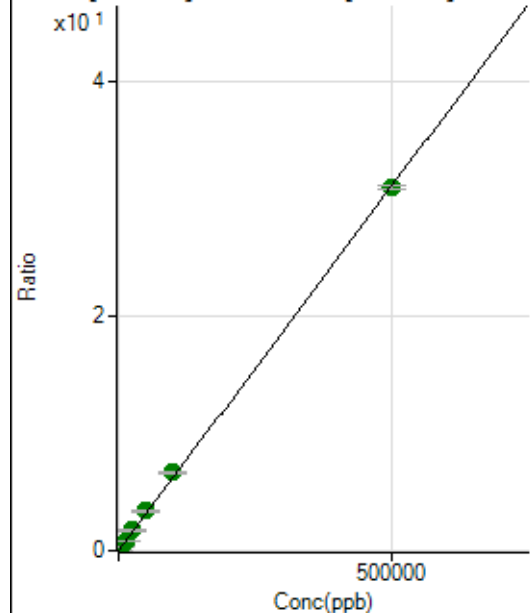
$$y = 3.8869\text{E-}006 * x + 4.1290\text{E-}005$$

$$R = 0.9994$$

$$DL = 2.263$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14499.47	0.0018	P	1.0
2	☐	500.000	540.363	291120.27	0.0353	P	1.6
3	☐	5000.000	5402.990	2829007.14	0.3372	A	3.8
4	☐	12500.000	13312.595	6980307.97	0.8282	A	3.4
5	☐	25000.000	27901.766	14198945.28	1.7339	A	3.7
6	☐	50000.000	54093.880	28244365.04	3.3598	A	2.8
7	☐	100000.00	107622.04	57035817.25	6.6828	A	3.0
8	☐	500000.00	497896.72	259497108.5	30.9105	A	1.1

$$y = 6.2079\text{E-}005 * x + 0.0018$$

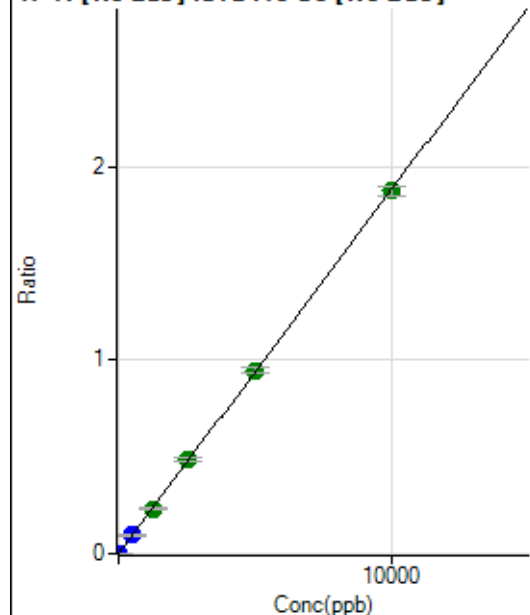
$$R = 0.9999$$

$$DL = 0.8444$$

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	180.56	0.0000	P	6.6
2	☐	5.000	5.036	7994.00	0.0010	P	6.6
3	☐	500.000	504.925	796954.92	0.0950	P	3.7
4	☐	1250.000	1227.372	1945744.42	0.2309	A	3.8
5	☐	2500.000	2585.842	3982913.98	0.4864	A	3.5
6	☐	5000.000	5029.902	7952507.29	0.9460	A	3.5
7	☐	10000.000	9966.171	15997729.70	1.8744	A	2.3
8	☐			3667.21	0.0004	P	3.6

$$y = 1.8808\text{E-}004 * x + 2.1994\text{E-}005$$

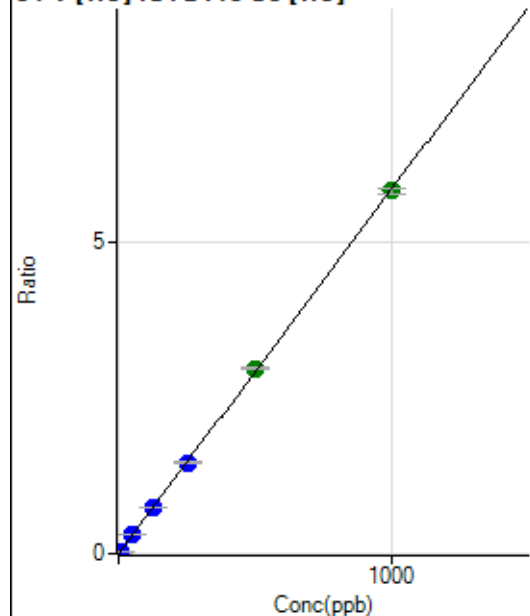
$$R = 0.9999$$

$$DL = 0.02321$$

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	48.89	0.0001	P	43.8
2	☐	5.000	5.233	19150.00	0.0307	P	1.8
3	☐	50.000	50.897	189137.38	0.2977	P	0.9
4	☐	125.000	126.884	474196.56	0.7421	P	0.9
5	☐	250.000	249.705	959068.24	1.4604	P	2.9
6	☐	500.000	507.762	1898742.87	2.9696	A	1.1
7	☐	1000.000	995.911	3779664.04	5.8244	A	1.3
8	☐			2878.08	0.0045	P	5.9

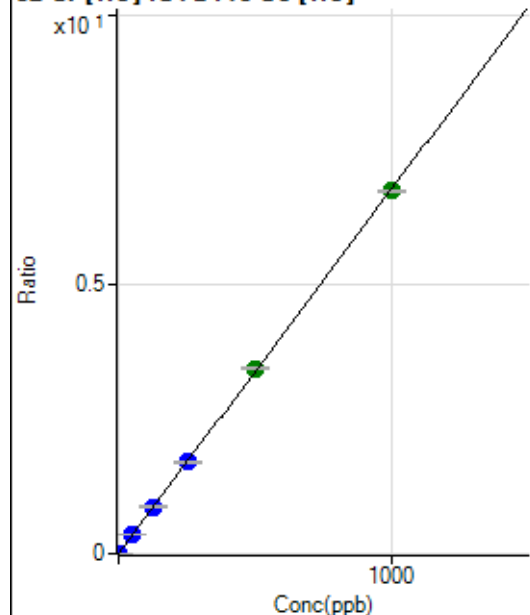
$$y = 0.0058 * x + 7.8326\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01761$$

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	1443.42	0.0023	P	1.7
2	☐	2.000	2.161	10579.37	0.0170	P	2.1
3	☐	50.000	52.307	226569.09	0.3567	P	1.2
4	☐	125.000	128.764	558859.26	0.8746	P	0.7
5	☐	250.000	250.922	1117925.13	1.7022	P	2.2
6	☐	500.000	507.359	2199124.51	3.4394	A	0.8
7	☐	1000.000	995.504	4377976.98	6.7463	A	0.9
8	☐			13787.51	0.0215	P	1.5

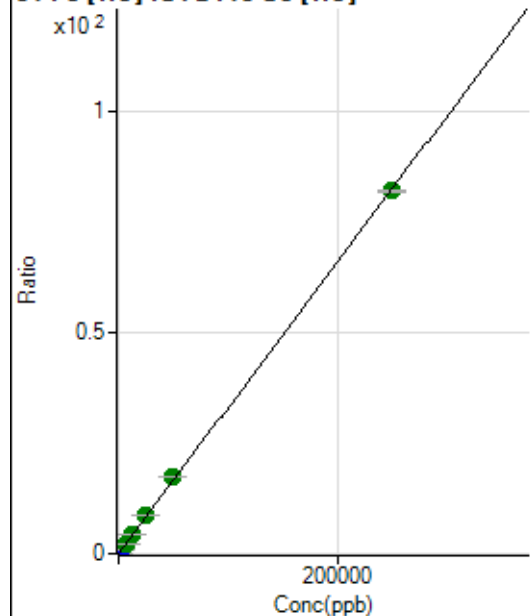
$$y = 0.0068 * x + 0.0023$$

$$R = 1.0000$$

$$DL = 0.01701$$

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	1728.55	0.0028	P	12.9
2	☐	50.000	57.234	13506.60	0.0216	P	3.6
3	☐	2500.000	2857.596	600238.71	0.9449	P	0.7
4	☐	6250.000	6783.854	1430863.21	2.2393	A	1.4
5	☐	12500.000	13178.496	2855673.41	4.3476	A	1.4
6	☐	25000.000	26658.222	5621327.64	8.7917	A	0.9
7	☐	50000.000	53060.774	11353790.89	17.4962	A	0.5
8	☐	250000.00	249171.17	52606237.30	82.1514	A	0.3

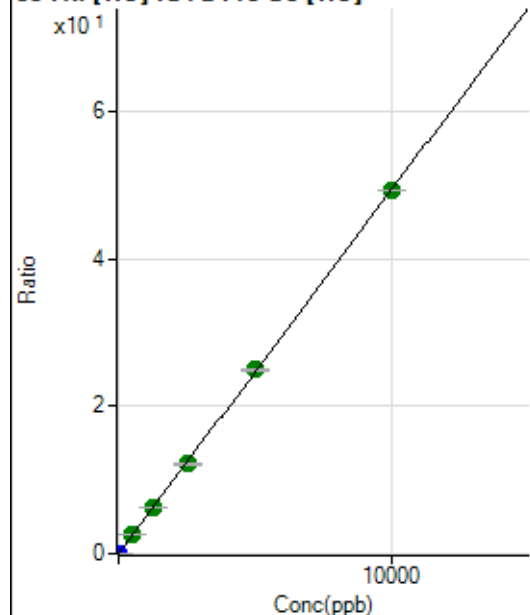
$$y = 3.2969E-004 * x + 0.0028$$

$$R = 0.9999$$

$$DL = 3.259$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	852.25	0.0014	P	8.4
2	☐	1.000	1.171	4459.60	0.0071	P	2.8
3	☐	500.000	510.018	1599976.43	2.5187	A	2.2
4	☐	1250.000	1268.719	4002176.78	6.2635	A	1.4
5	☐	2500.000	2472.708	8017106.55	12.2061	A	1.7
6	☐	5000.000	5067.392	15993059.76	25.0129	A	0.8
7	☐	10000.000	9970.286	31935725.36	49.2125	A	0.1
8	☐			28903.38	0.0451	P	1.4

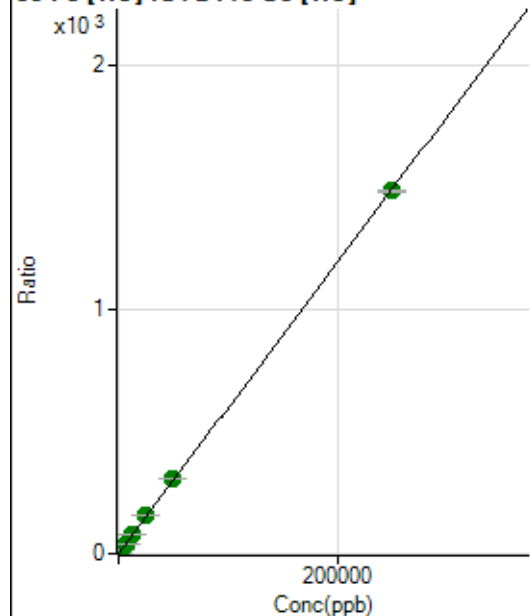
$$y = 0.0049 * x + 0.0014$$

$$R = 1.0000$$

$$DL = 0.06986$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12012.39	0.0192	P	5.2
2	☐	50.000	56.367	221759.40	0.3553	P	1.2
3	☐	2500.000	2692.605	10211024.53	16.0736	A	0.6
4	☐	6250.000	6652.853	25358259.59	39.6861	A	1.2
5	☐	12500.000	12960.847	50769248.36	77.2967	A	1.9
6	☐	25000.000	26445.191	100829524.4	157.6956	A	1.1
7	☐	50000.000	51903.271	200840884.1	309.4863	A	0.9
8	☐	250000.00	249439.78	952384450.9	1487.274	A	0.7

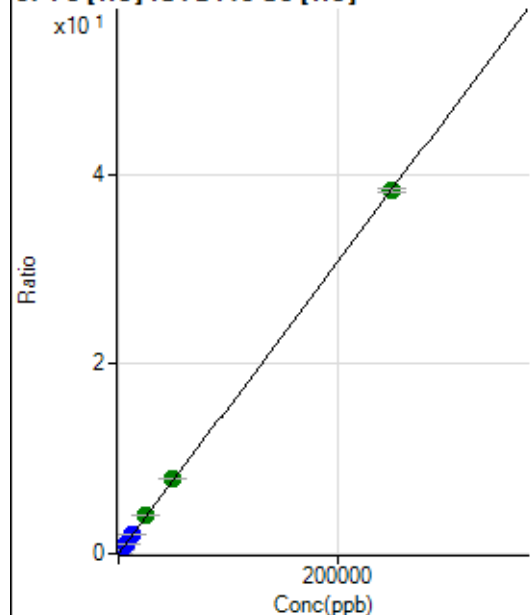
$$y = 0.0060 * x + 0.0192$$

$$R = 1.0000$$

$$DL = 0.5006$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2483.58	0.0040	P	5.6
2	☐	50.000	58.897	8115.27	0.0130	P	2.1
3	☐	2500.000	2760.628	271374.92	0.4272	P	0.8
4	☐	6250.000	6783.784	667077.89	1.0440	P	0.5
5	☐	12500.000	13269.283	1338713.11	2.0382	P	2.0
6	☐	25000.000	26382.385	2588606.40	4.0485	A	0.9
7	☐	50000.000	51840.583	5159870.54	7.9514	A	0.6
8	☐	250000.00	249439.22	24489895.69	38.2444	A	1.1

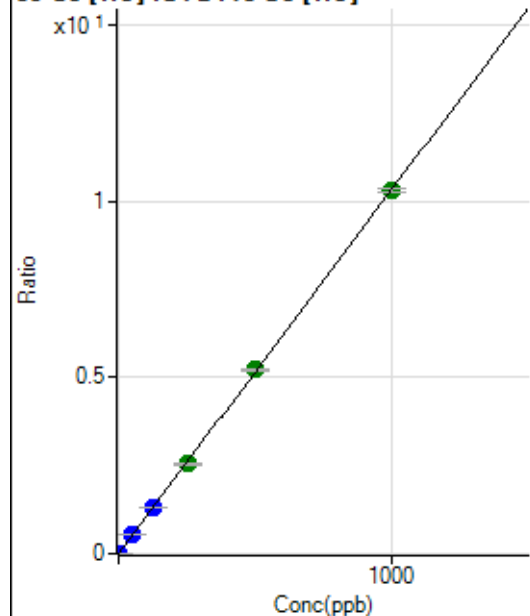
$$y = 1.5331\text{E-}004 * x + 0.0040$$

$$R = 1.0000$$

$$DL = 4.386$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	271.12	0.0004	P	1.2
2	☐	1.000	1.070	7161.76	0.0115	P	0.3
3	☐	50.000	52.167	342056.78	0.5385	P	1.1
4	☐	125.000	127.774	842336.58	1.3182	P	0.8
5	☐	250.000	246.531	1670370.55	2.5431	A	1.4
6	☐	500.000	506.054	3337424.84	5.2197	A	0.8
7	☐	1000.000	997.385	6675562.82	10.2871	A	1.0
8	☐			33631.02	0.0525	P	0.9

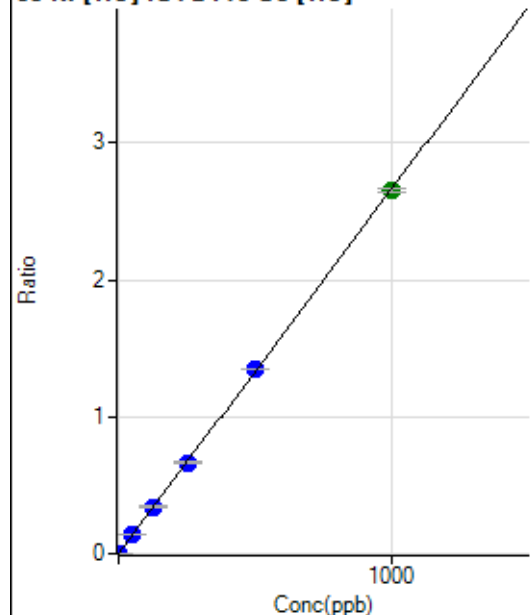
$$y = 0.0103 * x + 4.3372\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.001539$$

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	382.23	0.0006	P	6.2
2	☐	1.000	1.061	2142.40	0.0034	P	4.2
3	☐	50.000	52.837	89671.43	0.1412	P	2.0
4	☐	125.000	128.690	219117.80	0.3429	P	1.5
5	☐	250.000	250.275	437672.65	0.6663	P	1.4
6	☐	500.000	507.760	863977.71	1.3512	P	0.1
7	☐	1000.000	995.448	1718653.03	2.6485	A	1.0
8	☐			9003.88	0.0141	P	2.6

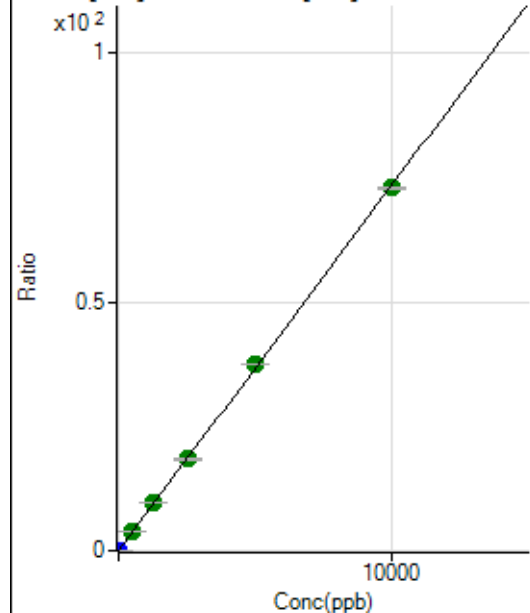
$$y = 0.0027 * x + 6.1140E-004$$

$$R = 1.0000$$

$$DL = 0.04271$$

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	2726.94	0.0044	P	2.3
2	☐	2.000	2.157	12602.07	0.0202	P	0.7
3	☐	500.000	529.108	2469173.47	3.8869	A	0.4
4	☐	1250.000	1303.502	6114342.82	9.5693	A	1.5
5	☐	2500.000	2510.660	12103099.54	18.4272	A	1.7
6	☐	5000.000	5104.726	23953016.03	37.4621	A	0.3
7	☐	10000.000	9936.829	47319838.74	72.9194	A	0.2
8	☐			14221.29	0.0222	P	3.8

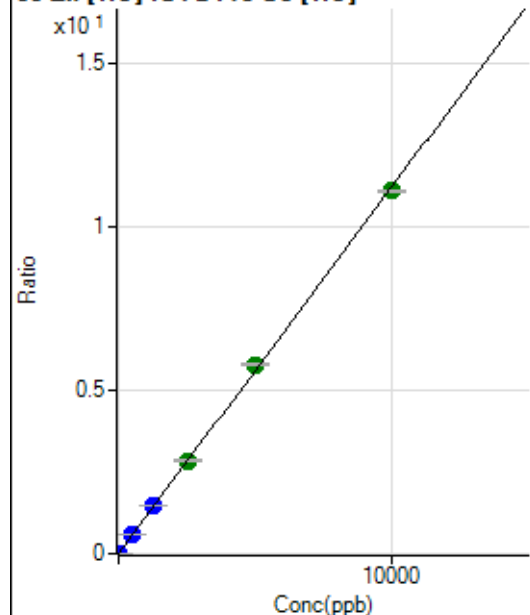
$$y = 0.0073 * x + 0.0044$$

$$R = 0.9999$$

$$DL = 0.0403$$

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	1271.18	0.0020	P	5.3
2	☐	2.000	2.393	2944.77	0.0047	P	3.6
3	☐	500.000	533.593	381703.41	0.6009	P	0.2
4	☐	1250.000	1318.346	946678.17	1.4816	P	0.7
5	☐	2500.000	2528.464	1864938.43	2.8396	A	2.2
6	☐	5000.000	5160.593	3704342.27	5.7935	A	0.4
7	☐	10000.000	9902.364	7212765.45	11.1150	A	0.8
8	☐			8299.04	0.0130	P	4.1

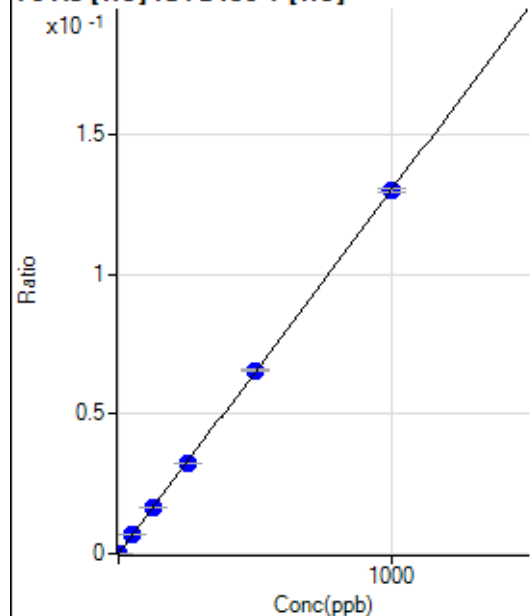
$$y = 0.0011 * x + 0.0020$$

$$R = 0.9998$$

$$DL = 0.2883$$

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	6.17	0.0000	P	62.0
2	☐	1.000	1.171	546.31	0.0002	P	3.3
3	☐	50.000	50.818	23885.86	0.0066	P	1.5
4	☐	125.000	125.598	59372.11	0.0163	P	0.6
5	☐	250.000	248.389	119960.11	0.0323	P	1.7
6	☐	500.000	504.982	238880.63	0.0657	P	1.0
7	☐	1000.000	997.796	482030.78	0.1299	P	0.9
8	☐			427.79	0.0001	P	11.5

$$y = 1.3016E-004 * x + 1.7320E-006$$

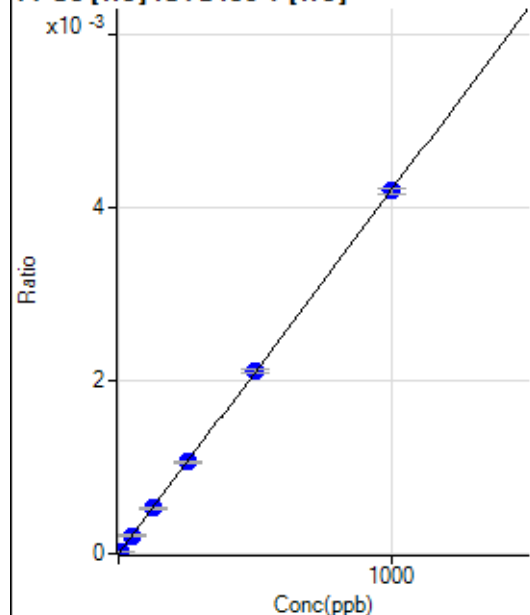
$$R = 1.0000$$

$$DL = 0.02476$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.041	60.00	0.0000	P	16.3
3	☐	50.000	48.828	740.03	0.0002	P	6.5
4	☐	125.000	125.983	1920.14	0.0005	P	3.9
5	☐	250.000	252.213	3929.45	0.0011	P	2.2
6	☐	500.000	502.883	7670.94	0.0021	P	1.5
7	☐	1000.000	997.946	15546.02	0.0042	P	1.4
8	☐			10.00	0.0000	P	32.8

$$y = 4.1973\text{E-}006 * x + 0.0000\text{E+}000$$

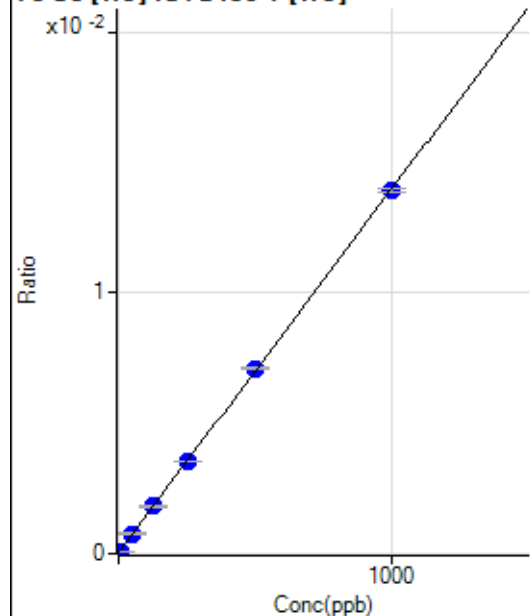
$$R = 1.0000$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	151.24	0.0000	P	18.2
2	☐	5.000	4.411	368.53	0.0001	P	12.2
3	☐	50.000	51.518	2745.33	0.0008	P	4.1
4	☐	125.000	128.467	6656.46	0.0018	P	3.2
5	☐	250.000	250.994	13135.47	0.0035	P	1.7
6	☐	500.000	507.602	25863.26	0.0071	P	0.6
7	☐	1000.000	995.444	51644.92	0.0139	P	0.9
8	☐			200.00	0.0001	P	8.4

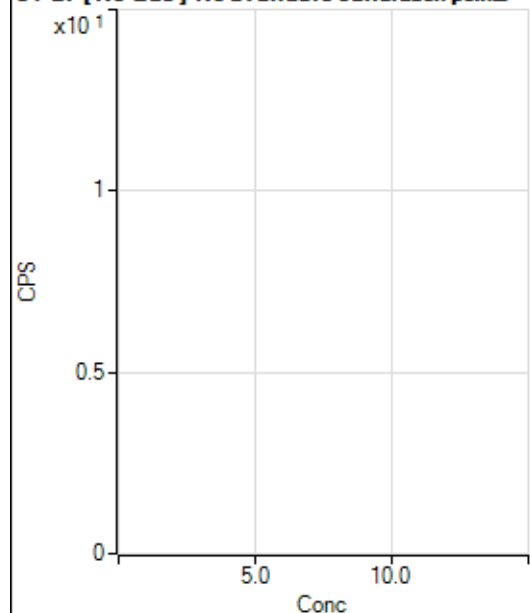
$$y = 1.3936\text{E-}005 * x + 4.2592\text{E-}005$$

$$R = 1.0000$$

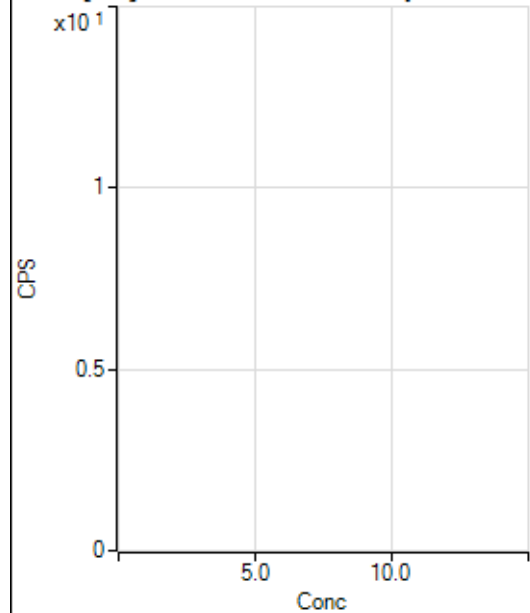
$$DL = 1.672$$

Weight: <None>

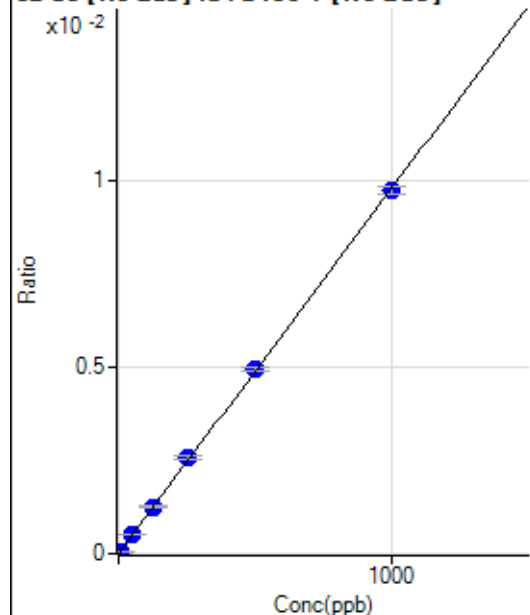
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14360.13		P	2.8
2	☐			14777.17		P	3.1
3	☐			14576.98		P	1.6
4	☐			14476.94		P	1.6
5	☐			14571.48		P	4.4
6	☐			14988.58		P	3.9
7	☐			15458.47		P	0.7
8	☐			16164.79		P	2.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			93.43		P	6.2
2	☐			70.07		P	28.6
3	☐			43.38		P	26.6
4	☐			56.72		P	27.0
5	☐			83.42		P	50.0
6	☐			90.09		P	0.0
7	☐			73.41		P	15.7
8	☐			90.09		P	67.6

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.29	0.0000	P	155.
2	☐	5.000	5.547	993.19	0.0001	P	6.0
3	☐	50.000	51.408	8863.78	0.0005	P	3.0
4	☐	125.000	127.751	22165.33	0.0012	P	2.3
5	☐	250.000	262.804	44656.70	0.0026	P	3.0
6	☐	500.000	505.101	88067.15	0.0049	P	1.5
7	☐	1000.000	993.831	175939.73	0.0097	P	2.0
8	☐			278.81	0.0000	P	20.5

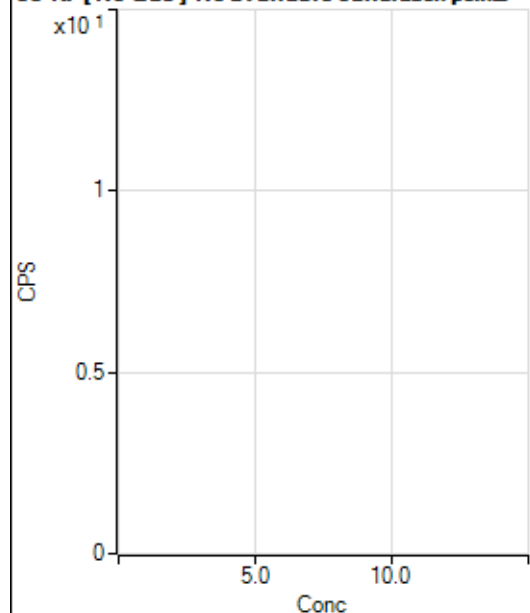
$$y = 9.7580E-006 * x + 3.1726E-006$$

$$R = 0.9999$$

$$DL = 1.513$$

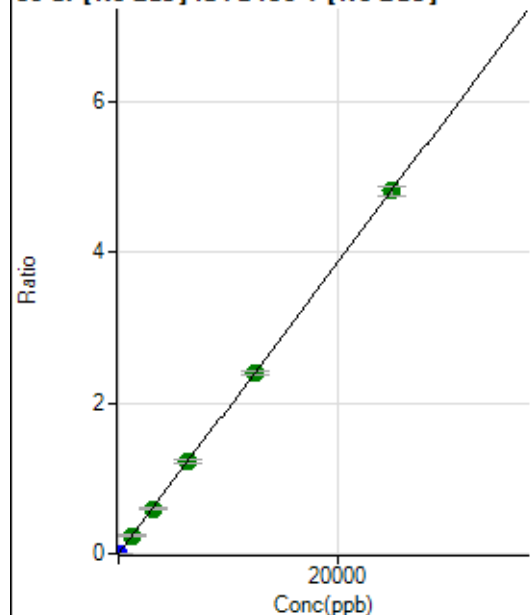
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			450.01		P	15.5
2	☐			423.34		P	5.5
3	☐			484.46		P	4.2
4	☐			458.90		P	5.5
5	☐			422.23		P	13.4
6	☐			485.57		P	2.6
7	☐			450.01		P	8.1
8	☐			450.01		P	5.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	777.82	0.0000	P	1.8
2	☐	1.000	1.044	4284.08	0.0002	P	6.9
3	☐	1250.000	1250.243	4233485.64	0.2411	A	3.2
4	☐	3125.000	3094.834	10584611.78	0.5968	A	3.8
5	☐	6250.000	6406.026	21482084.16	1.2353	A	4.0
6	☐	12500.000	12443.809	42848455.47	2.3996	A	2.7
7	☐	25000.000	24992.847	87405810.98	4.8194	A	2.6
8	☐			31450.85	0.0018	P	3.6

$$y = 1.9283E-004 * x + 4.5711E-005$$

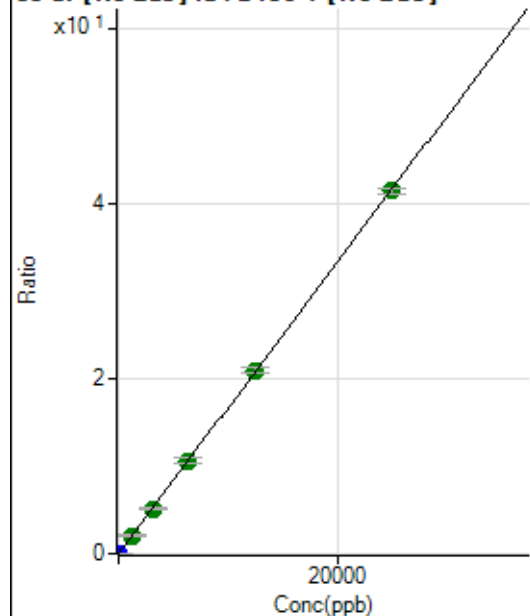
$$R = 1.0000$$

$$DL = 0.01311$$

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	391.68	0.0000	P	6.3
2	☐	1.000	1.058	30972.20	0.0018	P	1.5
3	☐	1250.000	1251.340	36619975.47	2.0856	A	2.5
4	☐	3125.000	3079.775	91036512.45	5.1330	A	2.9
5	☐	6250.000	6403.662	185592915.2	10.6729	A	4.4
6	☐	12500.000	12596.459	374883755.6	20.9943	A	2.9
7	☐	25000.000	24918.941	753239244.6	41.5320	A	1.9
8	☐			273224.50	0.0160	P	0.9

$$y = 0.0017 * x + 2.3003E-005$$

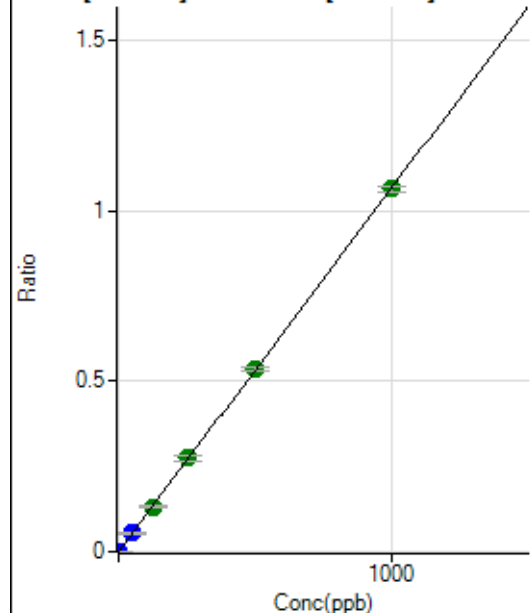
$$R = 1.0000$$

$$DL = 0.002627$$

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	766.71	0.0000	P	5.0
2	☐	1.000	0.936	18075.45	0.0010	P	3.9
3	☐	50.000	50.643	948950.25	0.0541	P	3.7
4	☐	125.000	124.011	2346215.92	0.1323	A	4.1
5	☐	250.000	257.093	4768045.03	0.2742	A	4.9
6	☐	500.000	500.232	9526725.47	0.5335	A	2.2
7	☐	1000.000	998.202	19306959.98	1.0645	A	1.9
8	☐			10373.34	0.0006	P	3.0

$$y = 0.0011 * x + 4.5028E-005$$

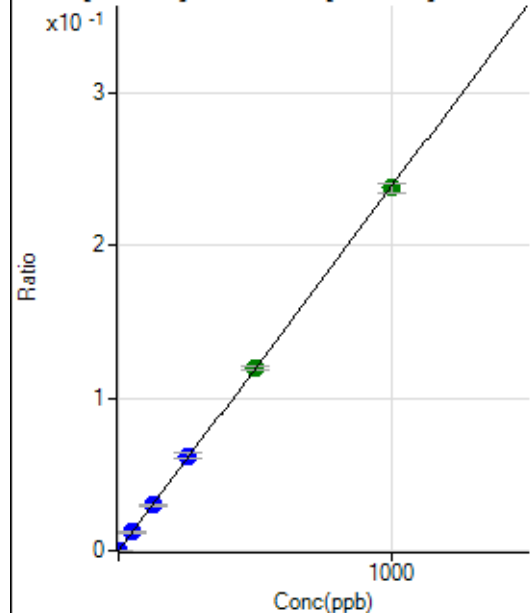
$$R = 1.0000$$

$$DL = 0.006336$$

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	166.67	0.0000	P	16.6
2	☐	1.000	0.921	3978.42	0.0002	P	2.5
3	☐	50.000	50.621	212266.87	0.0121	P	3.6
4	☐	125.000	125.005	529266.36	0.0298	P	3.2
5	☐	250.000	260.776	1082343.05	0.0622	P	5.1
6	☐	500.000	502.205	2140314.74	0.1199	A	2.3
7	☐	1000.000	996.172	4311901.83	0.2377	A	2.3
8	☐			2222.46	0.0001	P	12.5

$$y = 2.3865E-004 * x + 9.7796E-006$$

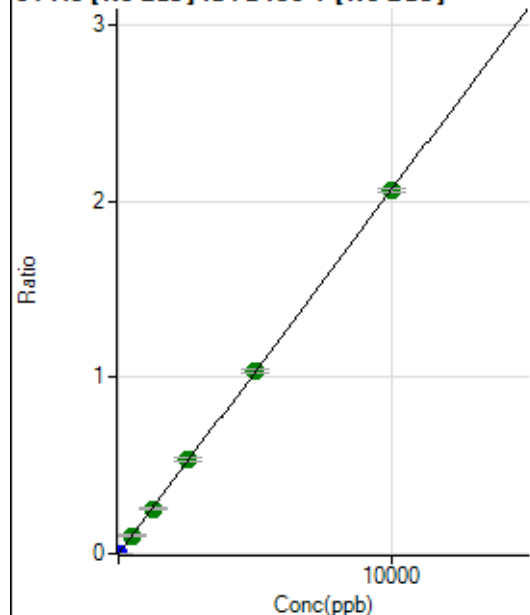
$$R = 0.9999$$

$$DL = 0.02039$$

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	316.68	0.0000	P	10.5
2	☐	5.000	5.952	21649.93	0.0012	P	1.4
3	☐	500.000	500.113	1815866.99	0.1034	A	4.7
4	☐	1250.000	1232.283	4519954.92	0.2549	A	2.7
5	☐	2500.000	2575.961	9263589.96	0.5327	A	4.7
6	☐	5000.000	5025.840	18559418.99	1.0394	A	2.0
7	☐	10000.000	9970.298	37394471.67	2.0619	A	1.2
8	☐			12730.87	0.0007	P	1.2

$$y = 2.0680E-004 * x + 1.8621E-005$$

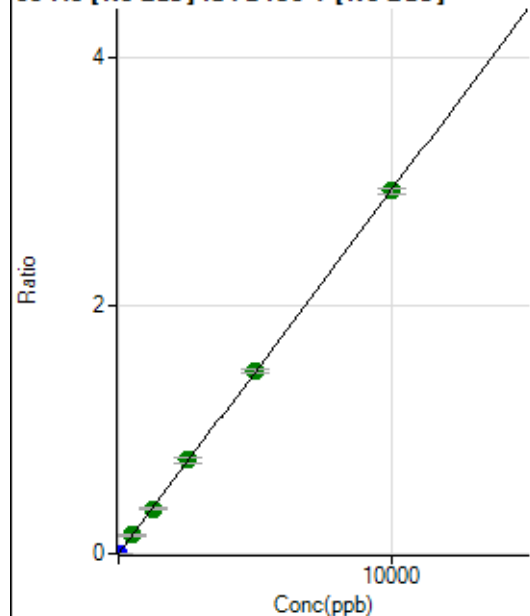
$$R = 1.0000$$

$$DL = 0.02843$$

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	58.34	0.0000	P	78.1
2	☐	5.000	5.283	26900.38	0.0016	P	2.6
3	☐	500.000	506.072	2605808.48	0.1484	A	2.6
4	☐	1250.000	1235.993	6428295.15	0.3625	A	3.1
5	☐	2500.000	2571.706	13113344.82	0.7542	A	5.0
6	☐	5000.000	5007.888	26223833.05	1.4686	A	2.0
7	☐	10000.000	9979.576	53075792.16	2.9265	A	1.6
8	☐			15222.19	0.0009	P	3.0

$$y = 2.9325E-004 * x + 3.4057E-006$$

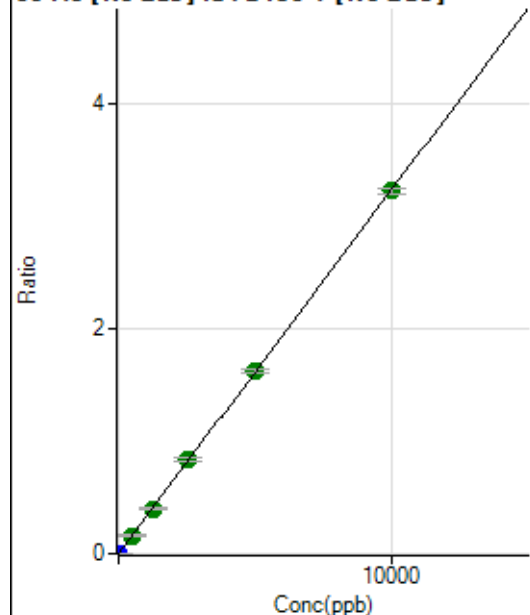
$$R = 1.0000$$

$$DL = 0.02722$$

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	116.67	0.0000	P	6.9
2	☐	5.000	5.299	29750.22	0.0017	P	0.6
3	☐	500.000	500.713	2837144.57	0.1616	A	3.6
4	☐	1250.000	1232.947	7057078.59	0.3979	A	3.7
5	☐	2500.000	2582.558	14494102.93	0.8335	A	4.1
6	☐	5000.000	5016.097	28907647.87	1.6188	A	2.1
7	☐	10000.000	9973.408	58375123.53	3.2187	A	1.5
8	☐			23859.02	0.0014	P	1.8

$$y = 3.2273\text{E-}004 * x + 6.8550\text{E-}006$$

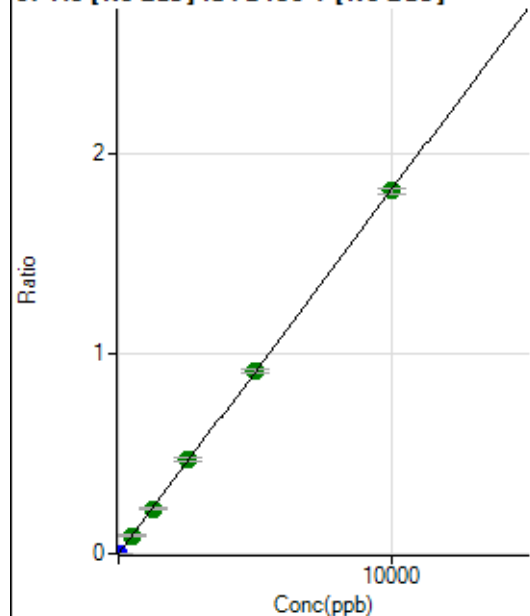
$$R = 1.0000$$

$$DL = 0.00437$$

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	27.78	0.0000	P	15.7
2	☐	5.000	5.255	16601.49	0.0010	P	3.6
3	☐	500.000	494.904	1581247.35	0.0901	A	3.0
4	☐	1250.000	1240.242	4002741.76	0.2257	A	3.3
5	☐	2500.000	2574.972	8149251.14	0.4686	A	3.7
6	☐	5000.000	5022.067	16319412.52	0.9139	A	2.4
7	☐	10000.000	9971.698	32909743.79	1.8146	A	1.4
8	☐			9105.87	0.0005	P	2.3

$$y = 1.8197\text{E-}004 * x + 1.6295\text{E-}006$$

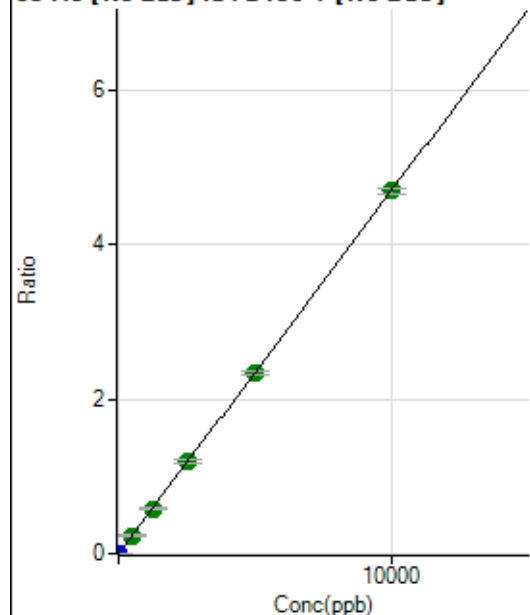
$$R = 1.0000$$

$$DL = 0.004207$$

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	130.56	0.0000	P	9.2
2	☐	5.000	5.215	42548.81	0.0025	P	3.6
3	☐	500.000	497.845	4101586.59	0.2336	A	3.4
4	☐	1250.000	1226.369	10206255.78	0.5755	A	3.2
5	☐	2500.000	2556.489	20861079.11	1.1996	A	4.3
6	☐	5000.000	4990.374	41815998.85	2.3417	A	2.1
7	☐	10000.000	9993.752	85050582.46	4.6895	A	1.8
8	☐			23249.59	0.0014	P	2.0

$$y = 4.6925E-004 * x + 7.6690E-006$$

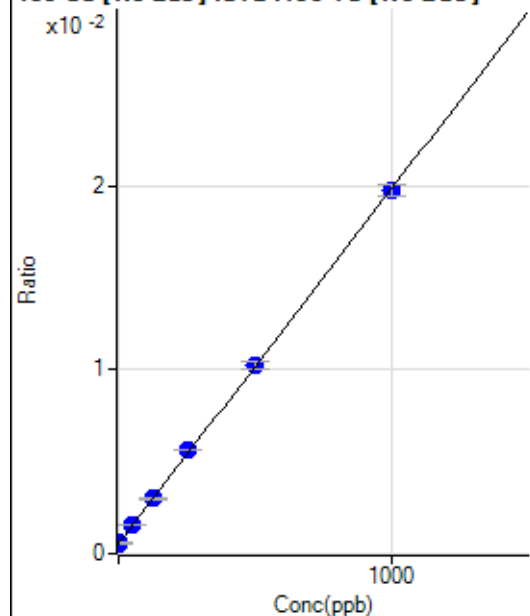
$$R = 1.0000$$

$$DL = 0.004491$$

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	7591.09	0.0005	P	4.5
2	☐	1.000	2.144	8249.76	0.0006	P	6.1
3	☐	50.000	52.842	22387.17	0.0016	P	1.4
4	☐	125.000	127.745	43864.11	0.0030	P	3.8
5	☐	250.000	264.335	79791.46	0.0056	P	0.9
6	☐	500.000	502.784	151140.70	0.0102	P	3.3
7	☐	1000.000	994.538	292096.58	0.0197	P	3.0
8	☐			8127.49	0.0006	P	2.7

$$y = 1.9275E-005 * x + 5.4618E-004$$

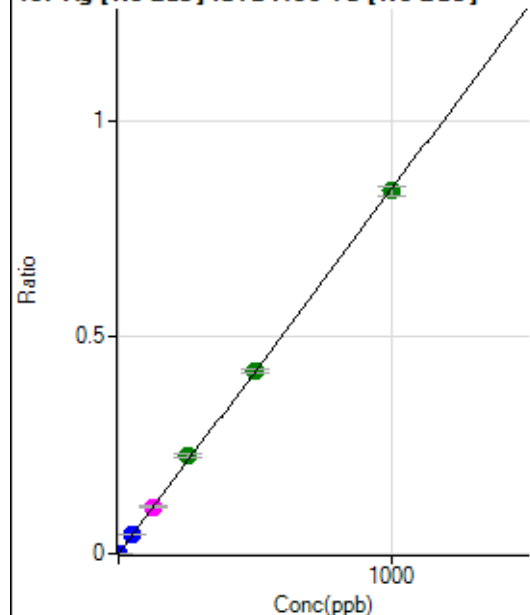
$$R = 0.9999$$

$$DL = 3.812$$

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	105.56	0.0000	P	27.8
2	☐	1.000	0.865	10354.02	0.0007	P	13.3
3	☐	50.000	51.717	623304.18	0.0436	P	4.7
4	☐	125.000	128.344	1576062.83	0.1081	M	4.2
5	☐	250.000	268.037	3193086.07	0.2258	A	3.9
6	☐	500.000	499.614	6212788.68	0.4208	A	2.5
7	☐	1000.000	995.180	12418319.11	0.8382	A	2.8
8	☐			7821.74	0.0006	P	8.3

$$y = 8.4226E-004 * x + 7.5978E-006$$

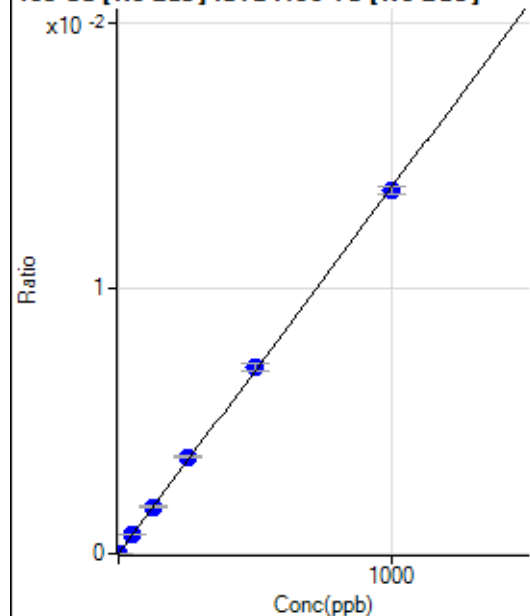
$$R = 0.9998$$

$$DL = 0.007534$$

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	37.50	0.0000	P	52.8
2	☐	1.000	1.049	241.67	0.0000	P	16.5
3	☐	50.000	53.394	10574.79	0.0007	P	2.3
4	☐	125.000	127.176	25610.24	0.0018	P	3.9
5	☐	250.000	264.782	51687.61	0.0037	P	3.2
6	☐	500.000	509.739	103825.13	0.0070	P	3.5
7	☐	1000.000	990.993	202529.91	0.0137	P	2.2
8	☐			138.89	0.0000	P	10.0

$$y = 1.3791E-005 * x + 2.7123E-006$$

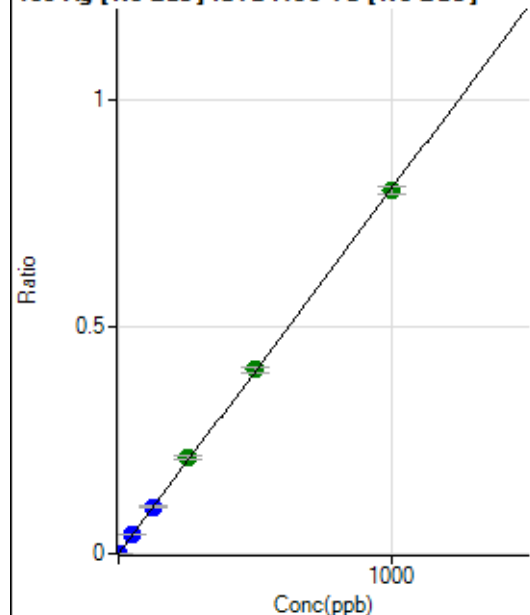
$$R = 0.9998$$

$$DL = 0.3113$$

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	36.11	0.0000	P	52.5
2	☐	1.000	0.844	9589.57	0.0007	P	11.0
3	☐	50.000	51.820	596705.97	0.0417	P	4.9
4	☐	125.000	128.568	1508490.87	0.1035	P	4.4
5	☐	250.000	264.049	3005657.23	0.2125	A	3.5
6	☐	500.000	503.414	5981460.46	0.4051	A	2.5
7	☐	1000.000	994.244	11855085.94	0.8002	A	2.0
8	☐			7560.50	0.0006	P	8.5

$$y = 8.0479E-004 * x + 2.5905E-006$$

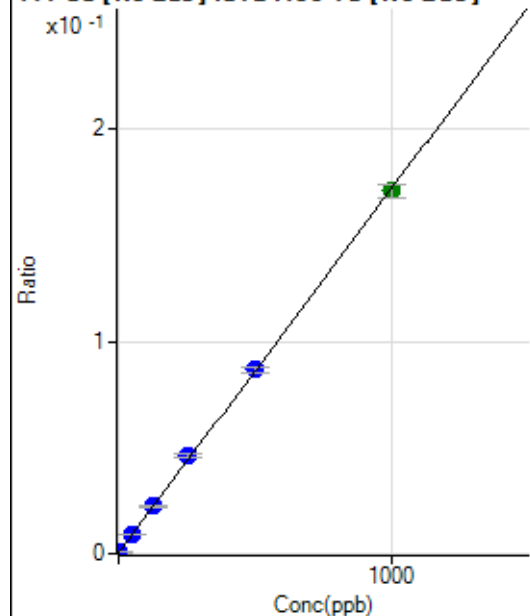
$$R = 0.9999$$

$$DL = 0.005068$$

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	5306.96	0.0004	P	4.0
2	☐	1.000	1.188	8225.38	0.0006	P	3.8
3	☐	50.000	52.275	133787.11	0.0094	P	2.6
4	☐	125.000	127.356	324136.49	0.0222	P	4.3
5	☐	250.000	266.504	652139.80	0.0461	P	2.7
6	☐	500.000	502.844	1279391.60	0.0867	P	2.7
7	☐	1000.000	994.044	2532421.05	0.1709	A	3.4
8	☐			6342.05	0.0005	P	2.7

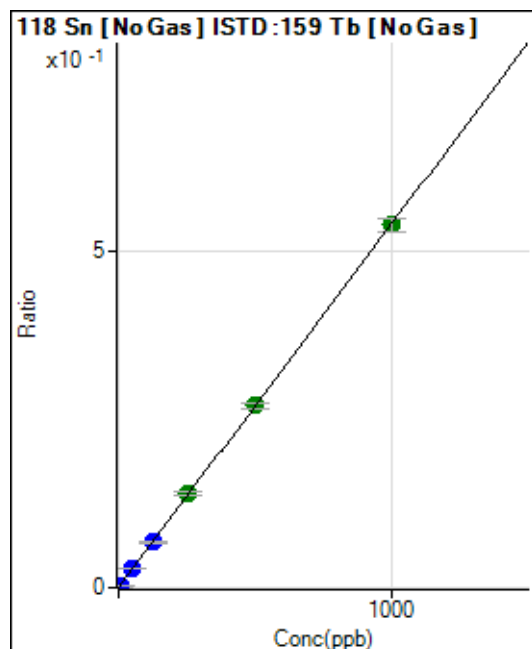
$$y = 1.7158E-004 * x + 3.8182E-004$$

$$R = 0.9998$$

$$DL = 0.2672$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5237.25	0.0004	P	5.6
2	☐	5.000	5.150	44444.18	0.0032	P	2.4
3	☐	50.000	50.983	400061.12	0.0280	P	2.8
4	☐	125.000	124.578	988154.99	0.0678	P	4.5
5	☐	250.000	260.033	1995357.84	0.1411	A	3.3
6	☐	500.000	499.754	3997749.05	0.2708	A	3.4
7	☐	1000.000	997.618	8002343.76	0.5402	A	3.6
8	☐			10423.48	0.0008	P	2.5

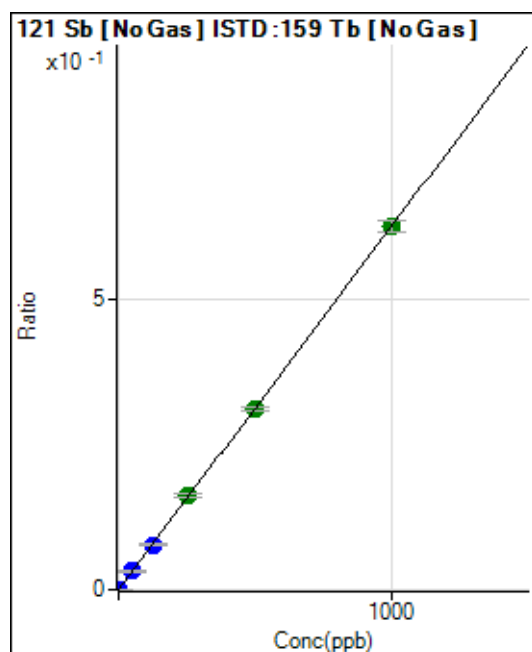
$$y = 5.4107\text{E-}004 * x + 3.7656\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1177$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	29.3
2	☐	2.000	2.053	18092.34	0.0013	P	2.9
3	☐	50.000	50.411	449883.18	0.0314	P	2.5
4	☐	125.000	124.015	1127580.55	0.0773	P	4.4
5	☐	250.000	259.139	2285804.91	0.1616	A	2.6
6	☐	500.000	498.593	4590397.63	0.3109	A	2.7
7	☐	1000.000	998.521	9225382.07	0.6227	A	3.1
8	☐			10990.55	0.0008	P	0.9

$$y = 6.2361\text{E-}004 * x + 7.3647\text{E-}006$$

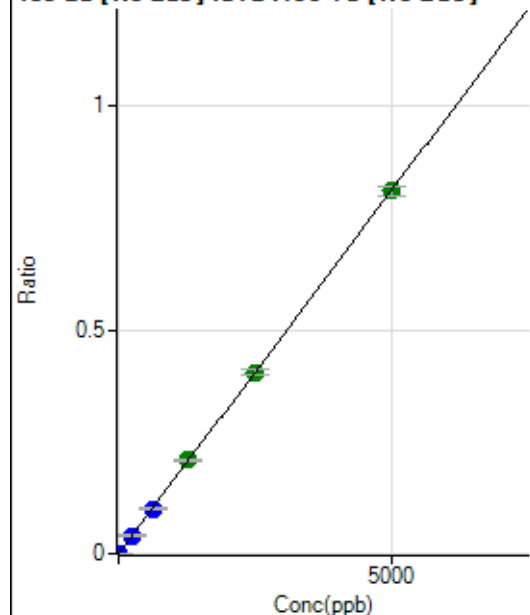
$$R = 0.9999$$

$$DL = 0.01037$$

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	80.56	0.0000	P	20.5
2	☐	10.000	10.011	22918.98	0.0016	P	1.1
3	☐	250.000	249.600	579908.96	0.0405	P	1.6
4	☐	625.000	615.665	1457467.92	0.1000	P	3.3
5	☐	1250.000	1285.957	2953101.37	0.2088	A	3.5
6	☐	2500.000	2495.172	5980981.69	0.4051	A	3.0
7	☐	5000.000	4994.612	12014767.81	0.8109	A	2.3
8	☐			6710.09	0.0005	P	2.2

$$y = 1.6236E-004 * x + 5.7849E-006$$

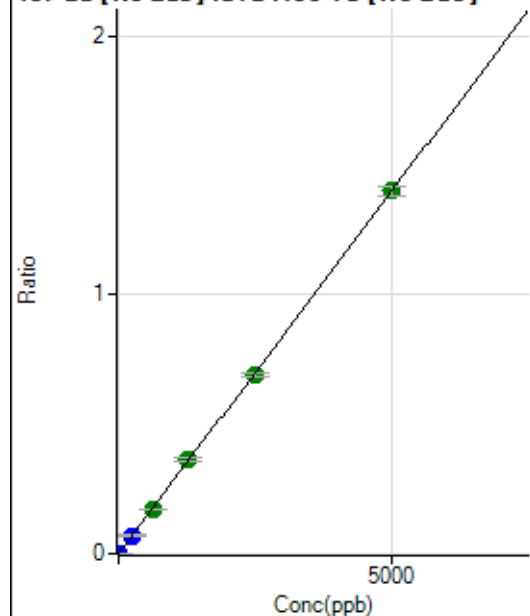
$$R = 1.0000$$

$$DL = 0.02192$$

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	116.67	0.0000	P	36.5
2	☐	10.000	9.996	39399.55	0.0028	P	2.2
3	☐	250.000	250.658	1003133.40	0.0701	P	2.5
4	☐	625.000	613.942	2503592.76	0.1717	A	3.0
5	☐	1250.000	1295.751	5125750.46	0.3624	A	3.4
6	☐	2500.000	2465.208	10179576.88	0.6895	A	2.1
7	☐	5000.000	5007.308	20748381.71	1.4005	A	2.7
8	☐			11491.02	0.0008	P	0.3

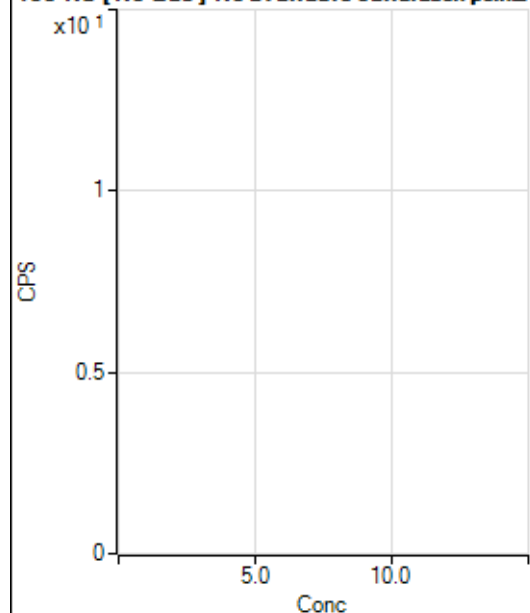
$$y = 2.7968E-004 * x + 8.3527E-006$$

$$R = 0.9999$$

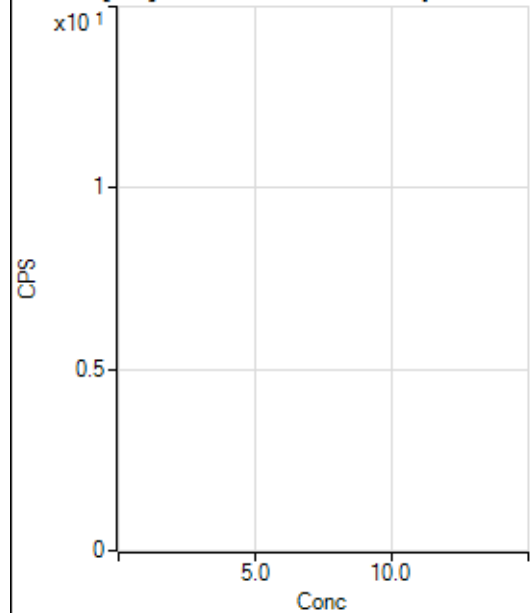
$$DL = 0.03268$$

Weight: <None>

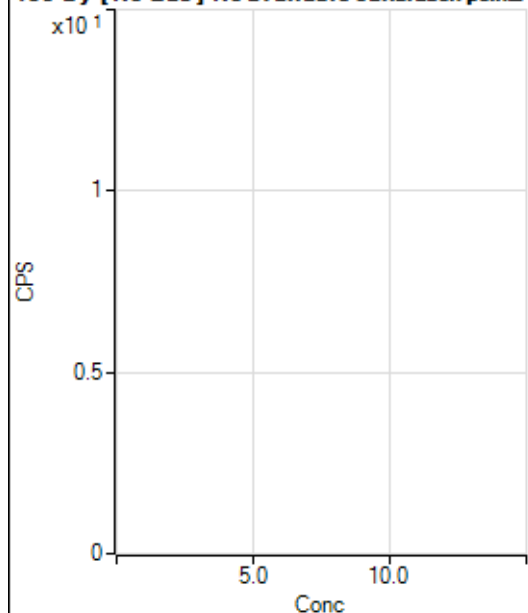
Min Conc: 0

150 Nd [No Gas] No available calibration points

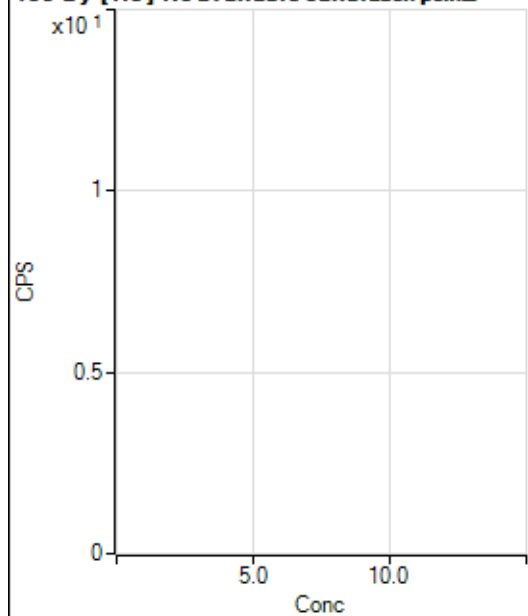
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			13.33		P	50.0
3	☐			51.11		P	15.1
4	☐			162.23		P	4.7
5	☐			295.57		P	6.9
6	☐			644.47		P	8.4
7	☐			1175.63		P	6.5
8	☐			95.56		P	28.2

150 Nd [He] No available calibration points

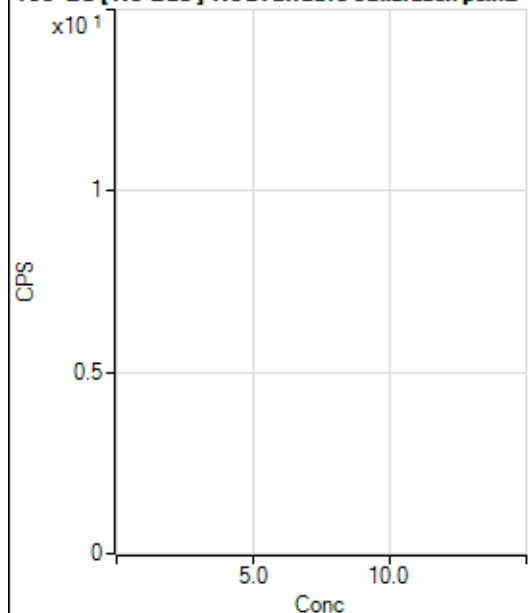
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			4.44		P	114.
3	☐			16.67		P	20.0
4	☐			46.66		P	12.4
5	☐			73.33		P	16.4
6	☐			144.45		P	5.8
7	☐			282.23		P	18.0
8	☐			66.66		P	48.2

156 Dy [No Gas] No available calibration points

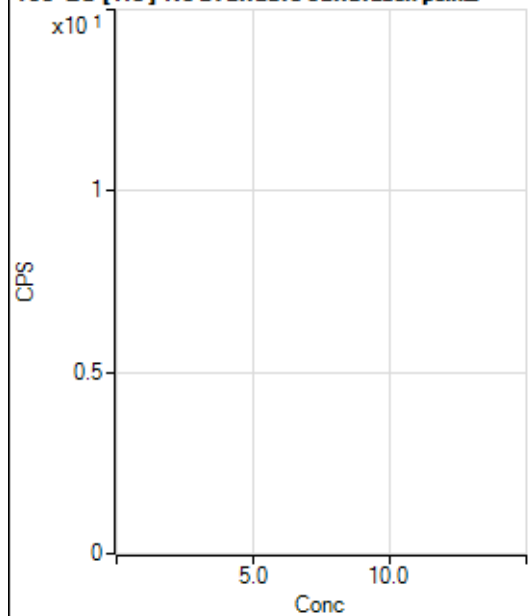
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐			25.00		P	88.2
3	☐			36.11		P	48.0
4	☐			72.23		P	37.1
5	☐			177.78		P	24.1
6	☐			294.46		P	15.6
7	☐			636.14		P	24.3
8	☐			1213.98		P	11.5

156 Dy [He] No available calibration points

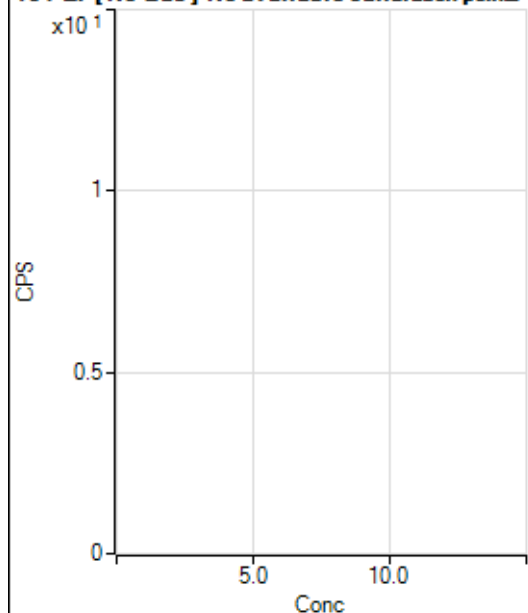
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	41.7
2	☐			16.67		P	60.0
3	☐			67.78		P	15.8
4	☐			221.11		P	8.3
5	☐			372.23		P	12.2
6	☐			667.80		P	1.3
7	☐			1490.09		P	4.2
8	☐			1090.06		P	6.9

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

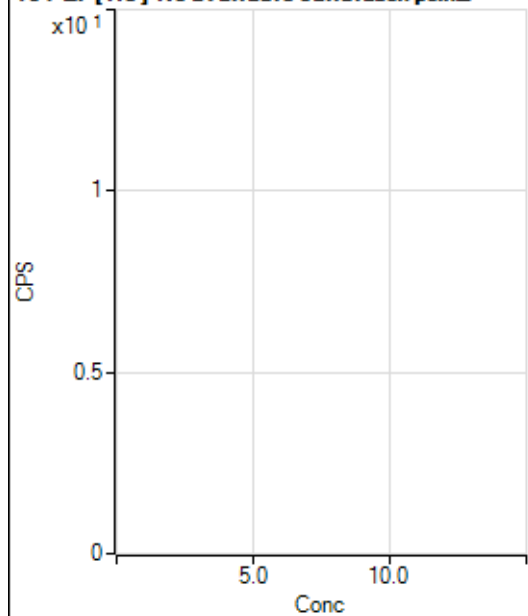
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.23		P	50.2
2	☐			125.00		P	35.3
3	☐			133.34		P	6.3
4	☐			141.67		P	50.3
5	☐			238.90		P	26.2
6	☐			269.46		P	3.6
7	☐			425.02		P	8.5
8	☐			816.71		P	11.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1223.40		P	1.7
2	☐			1180.06		P	4.3
3	☐			1227.85		P	1.1
4	☐			1242.29		P	4.1
5	☐			1273.40		P	8.2
6	☐			1305.63		P	3.6
7	☐			1472.31		P	4.2
8	☐			1812.36		P	5.2

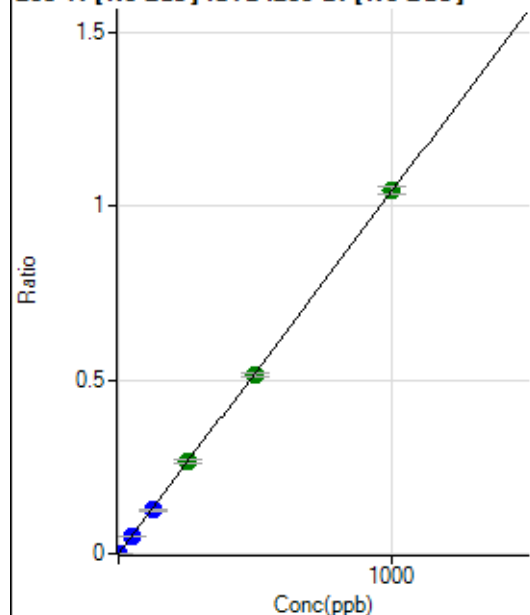
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.34		P	36.1
2	☐			66.67		P	12.5
3	☐			102.78		P	48.9
4	☐			108.34		P	42.8
5	☐			150.00		P	25.5
6	☐			127.78		P	41.9
7	☐			266.68		P	3.1
8	☐			91.67		P	9.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	22.9
2	☐			35.56		P	48.1
3	☐			41.11		P	40.0
4	☐			45.56		P	21.1
5	☐			67.78		P	34.5
6	☐			96.66		P	6.0
7	☐			157.78		P	12.0
8	☐			57.78		P	43.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	26.4
2	☐	1.000	0.962	9164.38	0.0010	P	3.4
3	☐	50.000	47.918	460000.42	0.0499	P	2.9
4	☐	125.000	119.600	1156781.87	0.1246	P	3.2
5	☐	250.000	254.810	2392464.44	0.2654	A	2.9
6	☐	500.000	495.080	4759428.58	0.5157	A	1.8
7	☐	1000.000	1002.037	9560596.65	1.0437	A	2.1
8	☐			3639.47	0.0005	P	1.9

$$y = 0.0010 * x + 1.2041E-005$$

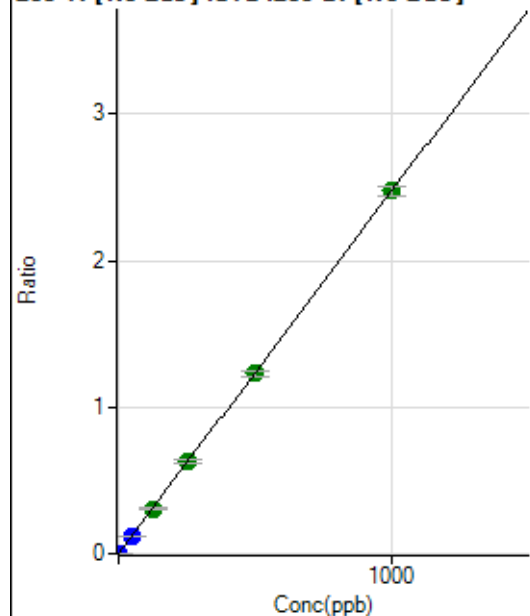
$$R = 1.0000$$

$$DL = 0.009144$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.57	0.0000	P	8.2
2	☐	1.000	0.999	22622.12	0.0025	P	1.8
3	☐	50.000	47.876	1091101.88	0.1184	P	2.3
4	☐	125.000	122.747	2818309.96	0.3035	A	3.2
5	☐	250.000	255.073	5684090.41	0.6307	A	4.8
6	☐	500.000	496.345	11326823.43	1.2273	A	2.3
7	☐	1000.000	1000.947	22671023.42	2.4749	A	2.3
8	☐			8639.06	0.0011	P	3.4

$$y = 0.0025 * x + 3.4066E-005$$

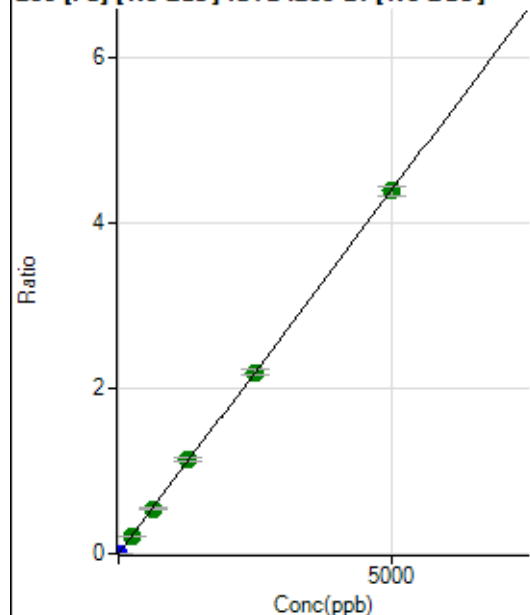
$$R = 1.0000$$

$$DL = 0.003395$$

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	435.20	0.0000	P	1.4
2	☐	1.000	0.940	7896.84	0.0009	P	2.4
3	☐	250.000	245.757	1989377.69	0.2159	A	1.9
4	☐	625.000	612.881	4998153.99	0.5383	A	3.3
5	☐	1250.000	1288.832	10203327.19	1.1320	A	3.4
6	☐	2500.000	2497.630	20247173.83	2.1937	A	2.5
7	☐	5000.000	4993.204	40172262.94	4.3855	A	2.4
8	☐			11354.93	0.0014	P	1.7

$$y = 8.7828\text{E-}004 * x + 4.8477\text{E-}005$$

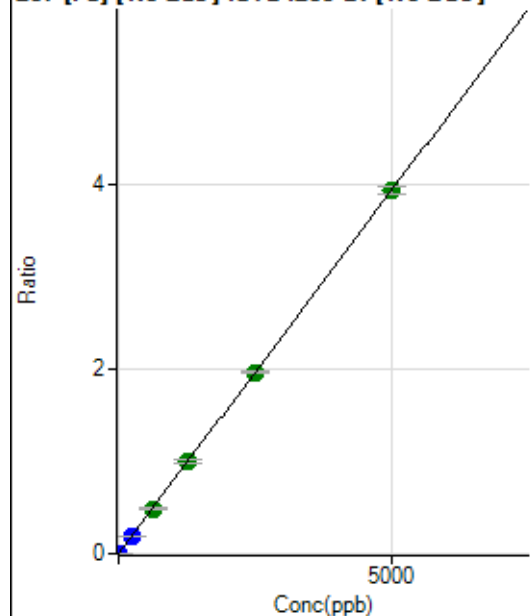
$$R = 1.0000$$

$$DL = 0.002324$$

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	409.27	0.0000	P	17.0
2	☐	1.000	0.882	6696.20	0.0007	P	1.4
3	☐	250.000	231.800	1683400.25	0.1827	P	2.6
4	☐	625.000	611.821	4476274.06	0.4821	A	3.7
5	☐	1250.000	1276.830	9068300.26	1.0061	A	3.9
6	☐	2500.000	2498.910	18174061.17	1.9690	A	1.8
7	☐	5000.000	4996.395	36063426.50	3.9369	A	2.1
8	☐			9981.60	0.0013	P	3.2

$$y = 7.8794\text{E-}004 * x + 4.5622\text{E-}005$$

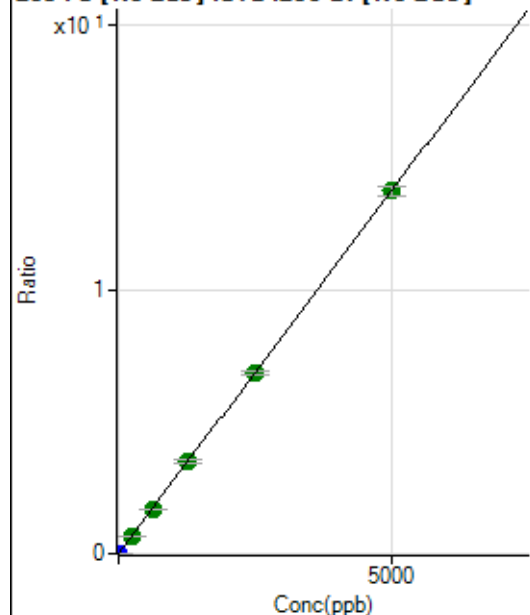
$$R = 1.0000$$

$$DL = 0.0295$$

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	1418.59	0.0002	P	4.0
2	☐	1.000	0.907	23929.09	0.0026	P	1.6
3	☐	250.000	243.752	6169471.01	0.6695	A	1.8
4	☐	625.000	610.915	15577662.88	1.6778	A	3.6
5	☐	1250.000	1276.677	31600506.59	3.5060	A	3.8
6	☐	2500.000	2490.372	63122081.91	6.8389	A	2.0
7	☐	5000.000	5000.218	125782163.3	13.7311	A	2.8
8	☐			35294.53	0.0045	P	2.4

$$y = 0.0027 * x + 1.5800E-004$$

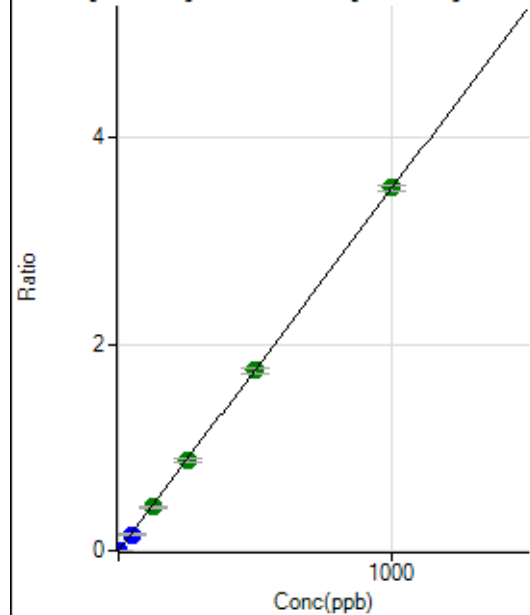
$$R = 1.0000$$

$$DL = 0.006826$$

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	394.46	0.0000	P	32.0
2	☐	1.000	0.895	28770.62	0.0032	P	1.8
3	☐	50.000	44.701	1444521.33	0.1568	P	2.7
4	☐	125.000	120.255	3914671.96	0.4217	A	4.6
5	☐	250.000	250.079	7904192.36	0.8768	A	4.0
6	☐	500.000	497.578	16102526.92	1.7446	A	2.5
7	☐	1000.000	1002.049	32182422.94	3.5133	A	1.8
8	☐			5565.26	0.0007	P	5.6

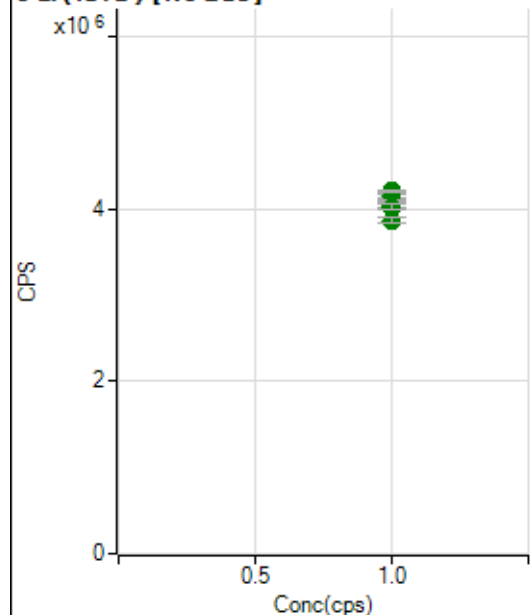
$$y = 0.0035 * x + 4.3906E-005$$

$$R = 1.0000$$

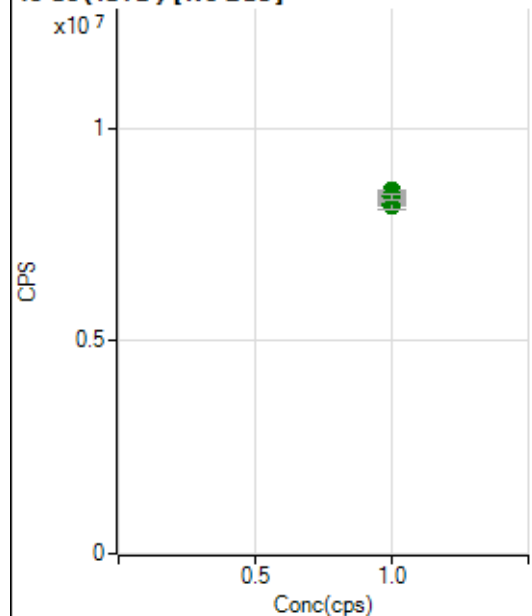
$$DL = 0.01203$$

Weight: <None>

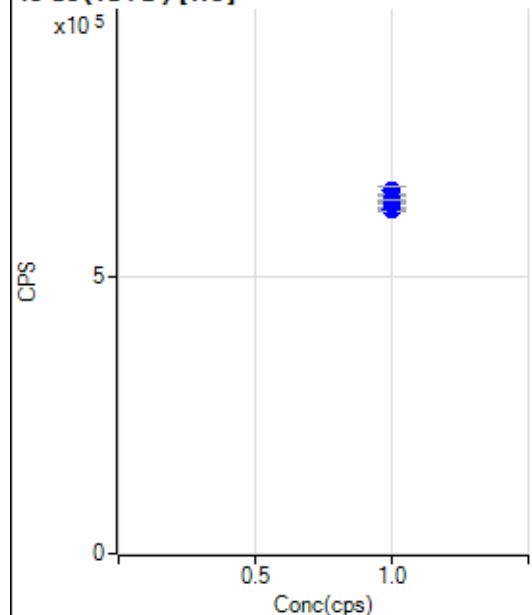
Min Conc: 0

6 Li (ISTD) [No Gas]

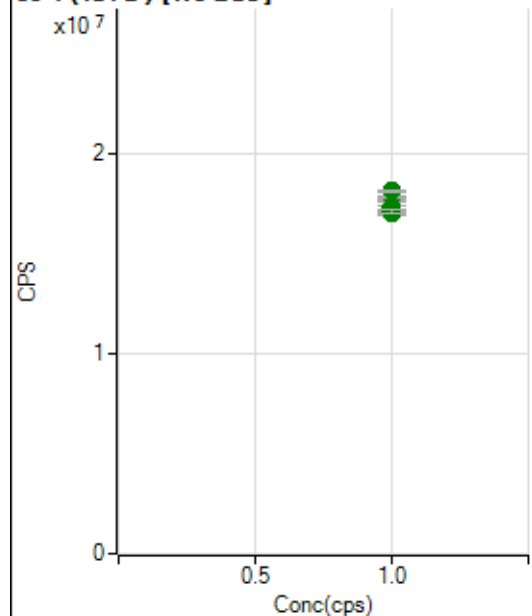
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4046217.06		A	1.8
2	☐	1.000		4111372.44		A	0.8
3	☐	1.000		4147185.74		A	1.1
4	☐	1.000		4213244.69		A	0.8
5	☐	1.000		4045188.55		A	1.2
6	☐	1.000		4094880.01		A	0.3
7	☐	1.000		4026928.27		A	1.9
8	☐	1.000		3872543.07		A	2.0

45 Sc (ISTD) [No Gas]

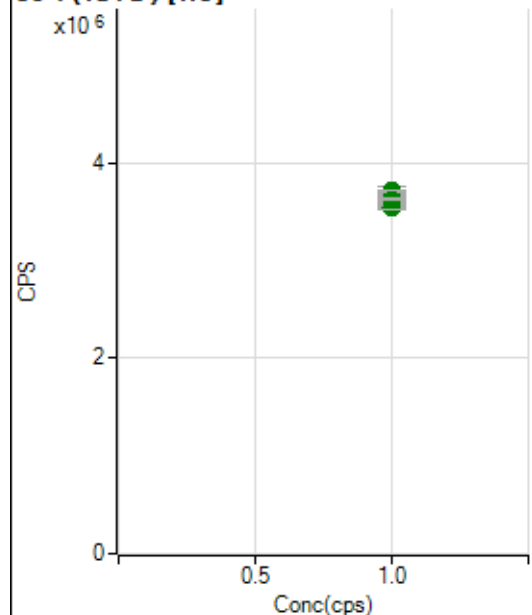
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8207794.04		A	0.4
2	☐	1.000		8243511.20		A	1.4
3	☐	1.000		8391578.41		A	0.7
4	☐	1.000		8429691.82		A	0.7
5	☐	1.000		8192780.37		A	1.8
6	☐	1.000		8407348.83		A	0.6
7	☐	1.000		8535404.11		A	0.5
8	☐	1.000		8396203.07		A	1.8

45 Sc (ISTD) [He]

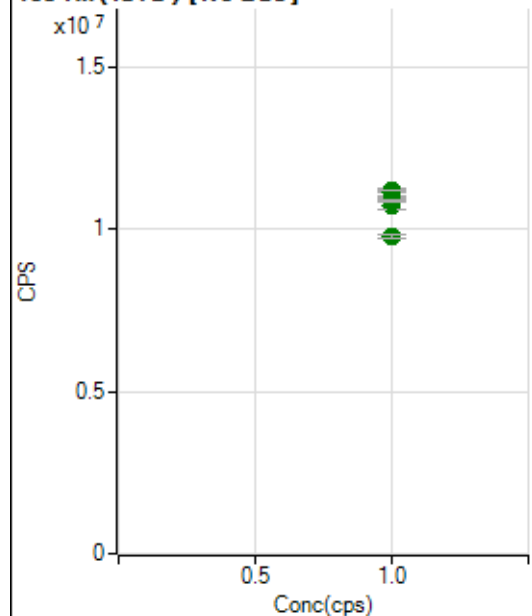
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		625096.28		P	0.9
2	☐	1.000		624158.85		P	0.8
3	☐	1.000		635263.39		P	0.4
4	☐	1.000		638997.27		P	0.7
5	☐	1.000		656959.23		P	2.1
6	☐	1.000		639393.15		P	0.0
7	☐	1.000		648934.37		P	0.4
8	☐	1.000		640356.21		P	0.2

89 Y (ISTD) [No Gas]

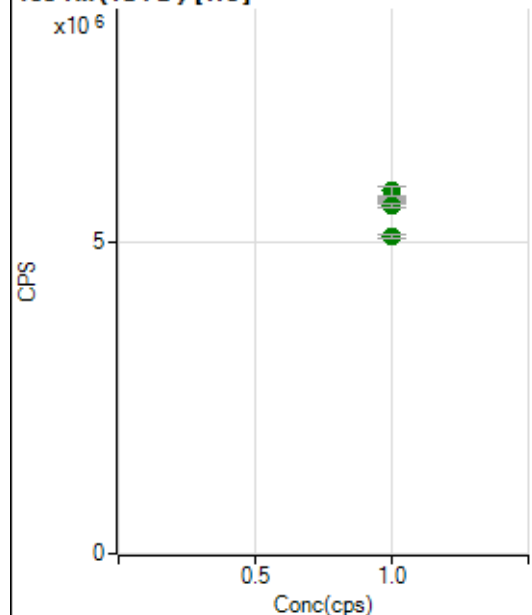
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17018608.50		A	1.6
2	☐	1.000		17328411.55		A	1.0
3	☐	1.000		17563241.82		A	1.6
4	☐	1.000		17736222.65		A	0.2
5	☐	1.000		17398586.55		A	1.9
6	☐	1.000		17856488.07		A	0.5
7	☐	1.000		18135909.45		A	0.2
8	☐	1.000		17113833.91		A	1.1

89 Y(ISTD) [He]

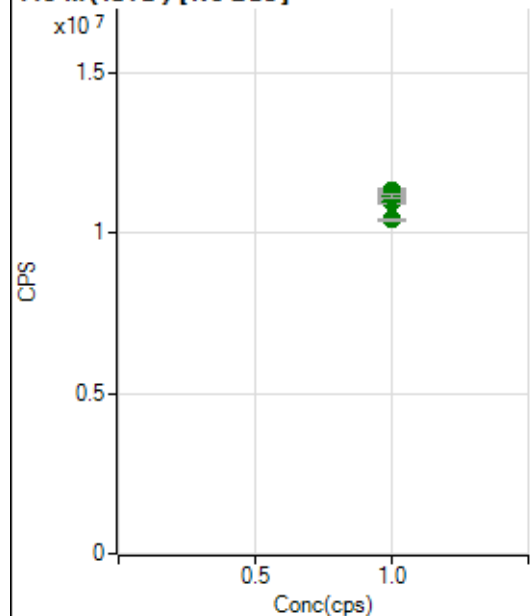
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3554384.77		A	0.9
2	☐	1.000		3543408.07		A	1.6
3	☐	1.000		3610496.23		A	0.8
4	☐	1.000		3631460.61		A	0.8
5	☐	1.000		3711101.30		A	2.2
6	☐	1.000		3634530.92		A	1.2
7	☐	1.000		3711633.87		A	0.6
8	☐	1.000		3629515.26		A	0.8

103 Rh(ISTD) [No Gas]

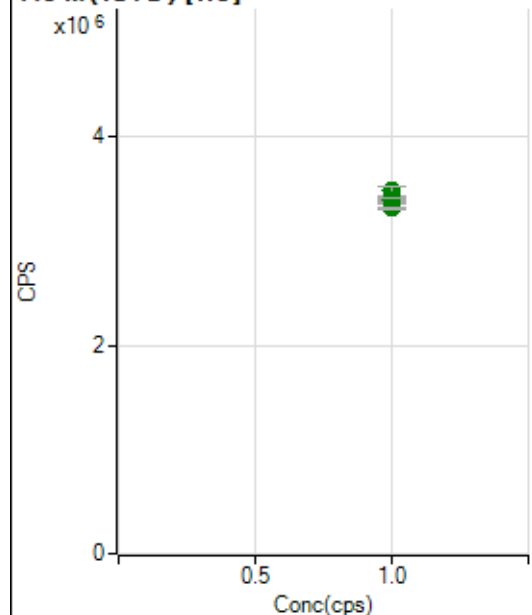
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10938663.93		A	1.2
2	☐	1.000		10978608.03		A	0.6
3	☐	1.000		11192978.79		A	1.0
4	☐	1.000		11132349.07		A	1.6
5	☐	1.000		10710748.59		A	2.2
6	☐	1.000		10873876.29		A	0.3
7	☐	1.000		10893081.92		A	0.5
8	☐	1.000		9772348.46		A	1.0

103 Rh (ISTD) [He]

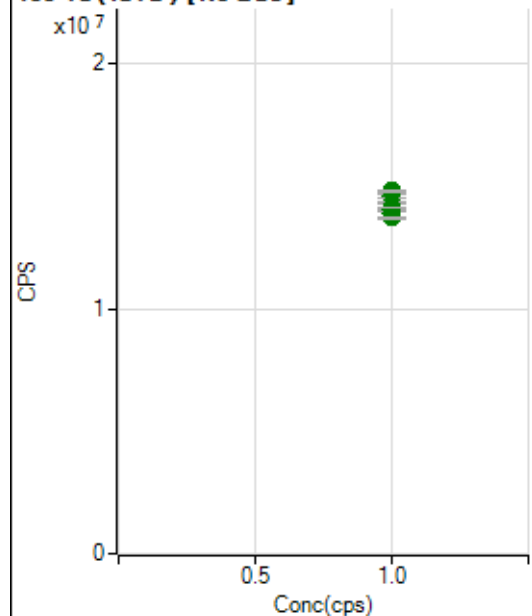
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5636261.03		A	0.7
2	☐	1.000		5685854.78		A	2.1
3	☐	1.000		5730495.19		A	0.2
4	☐	1.000		5680977.35		A	0.6
5	☐	1.000		5822933.87		A	2.6
6	☐	1.000		5591082.63		A	1.4
7	☐	1.000		5600036.41		A	1.1
8	☐	1.000		5084687.11		A	0.9

115 In (ISTD) [No Gas]

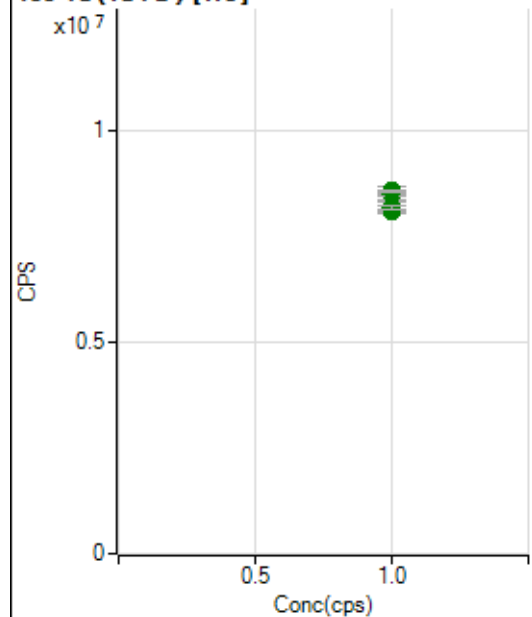
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11028236.05		A	0.6
2	☐	1.000		11124059.58		A	1.4
3	☐	1.000		11308945.54		A	0.9
4	☐	1.000		11243355.05		A	1.3
5	☐	1.000		10997439.66		A	1.8
6	☐	1.000		11229597.89		A	0.4
7	☐	1.000		11164713.99		A	1.0
8	☐	1.000		10424108.28		A	0.5

115 In (ISTD) [He]

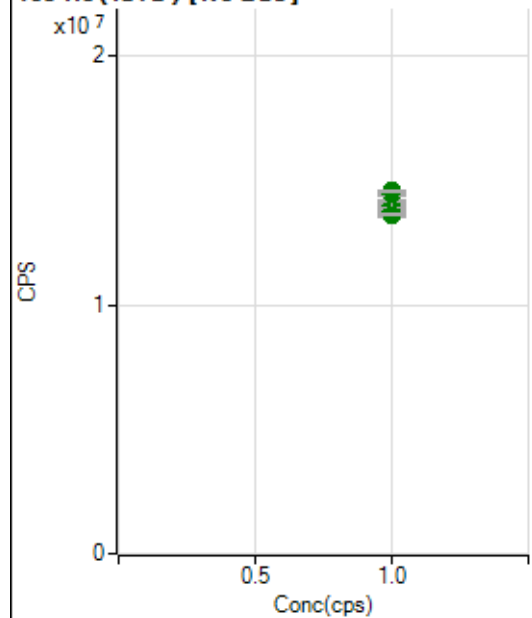
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3374080.31		A	0.3
2	☐	1.000		3382807.36		A	0.8
3	☐	1.000		3411400.69		A	1.2
4	☐	1.000		3401538.04		A	0.6
5	☐	1.000		3479144.96		A	2.4
6	☐	1.000		3378061.44		A	0.7
7	☐	1.000		3384367.27		A	1.3
8	☐	1.000		3312968.77		A	0.8

159 Tb (ISTD) [No Gas]

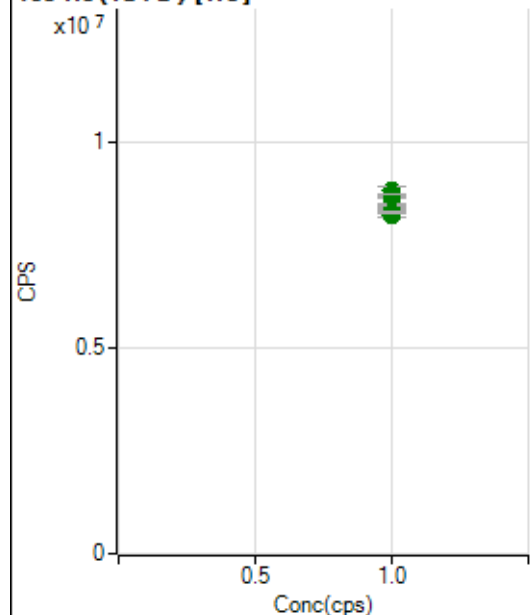
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13906057.99		A	1.8
2	☐	1.000		14048994.93		A	1.4
3	☐	1.000		14307917.29		A	0.4
4	☐	1.000		14582280.75		A	0.9
5	☐	1.000		14144595.21		A	0.4
6	☐	1.000		14765018.39		A	1.0
7	☐	1.000		14817155.75		A	0.6
8	☐	1.000		13730117.85		A	0.6

159 Tb (ISTD) [He]

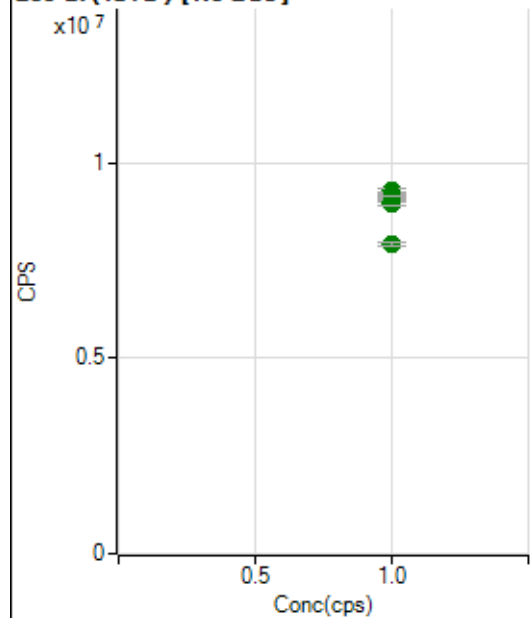
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8099433.70		A	1.1
2	☐	1.000		8101818.49		A	0.4
3	☐	1.000		8336950.29		A	0.5
4	☐	1.000		8332299.88		A	0.6
5	☐	1.000		8582040.22		A	2.0
6	☐	1.000		8504841.68		A	0.9
7	☐	1.000		8580187.58		A	0.1
8	☐	1.000		8184086.75		A	1.0

165 Ho (ISTD) [No Gas]

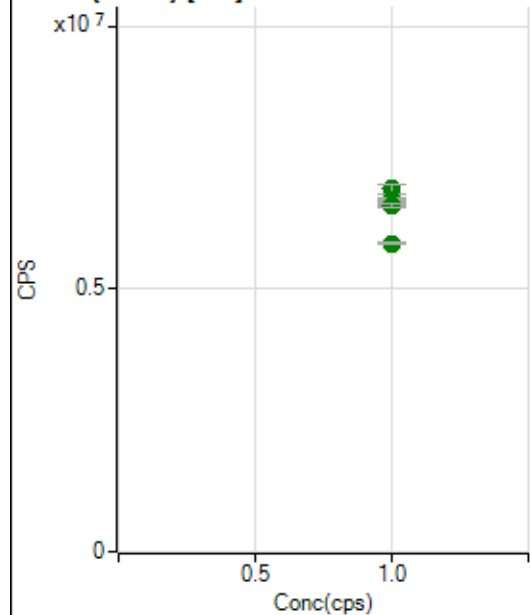
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13634384.94		A	2.0
2	☐	1.000		13801414.93		A	1.2
3	☐	1.000		14060201.32		A	0.5
4	☐	1.000		14350403.54		A	1.3
5	☐	1.000		14039543.40		A	1.8
6	☐	1.000		14457067.84		A	0.7
7	☐	1.000		14594848.53		A	0.3
8	☐	1.000		13635852.71		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8224515.15		A	1.1
2	☐	1.000		8221604.74		A	1.5
3	☐	1.000		8376707.86		A	0.7
4	☐	1.000		8458653.28		A	0.6
5	☐	1.000		8803998.55		A	2.6
6	☐	1.000		8657620.22		A	0.8
7	☐	1.000		8711447.72		A	0.2
8	☐	1.000		8278711.27		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8976520.77		A	1.4
2	☐	1.000		9037853.68		A	0.8
3	☐	1.000		9215366.18		A	0.6
4	☐	1.000		9287285.49		A	1.3
5	☐	1.000		9017610.56		A	2.2
6	☐	1.000		9229691.74		A	0.8
7	☐	1.000		9160367.02		A	0.3
8	☐	1.000		7912694.47		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6656683.44		A	1.3
2	☐	1.000		6637161.78		A	0.9
3	☐	1.000		6715012.54		A	0.1
4	☐	1.000		6693291.78		A	0.6
5	☐	1.000		6908418.44		A	2.4
6	☐	1.000		6710864.07		A	0.4
7	☐	1.000		6580920.81		A	1.1
8	☐	1.000		5869476.51		A	0.7

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7100222-MS.b

Acq. Date-Time 2022-10-02 13:26:41

Report Comment ---

Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		13096	130962.44			0.176	5.000
24		133381	1333812.33			0.513	5.000
25		18065	180654.82			0.389	5.000
26		21072	210719.62			0.800	5.000
59		107332	1073322.72			0.395	5.000
113		10873	108732.07			0.416	5.000
115		139513	1395128.74			1.013	5.000
206		32285	322845.56			0.823	5.000
207		30331	303307.36			0.928	5.000
208		70384	703840.41			0.879	5.000
220		0	4.90			41.700	

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

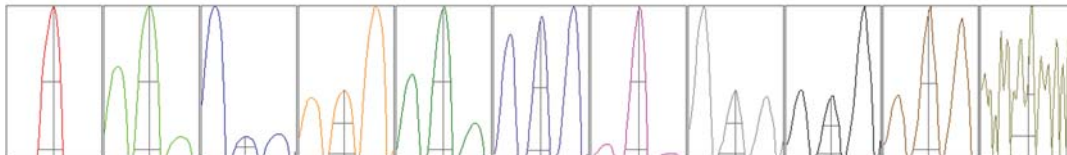
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	13076	13106	13068	13110	13121
24	134117	133051	133398	133923	132417
25	18129	18125	18006	18091	17976
26	21280	21208	20950	21041	20882
59	107591	106862	107345	107885	106979
113	10917	10910	10845	10884	10810
115	140425	140826	139778	139331	137205
206	32639	32454	32095	32253	31982
207	30705	30339	30193	30462	29956
208	71194	70512	70248	70492	69474

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	23840.98	9.00	8.90 - 9.10	
24	224322.58	23.95	23.90 - 24.10	
25	29862.44	24.90	24.90 - 25.10	
26	33885.10	25.95	25.90 - 26.10	
59	203722.16	59.00	58.90 - 59.10	
113	23872.99	113.00	112.90 - 113.10	
115	304397.14	115.05	114.90 - 115.10	
206	67251.11	206.00	205.90 - 206.10	
207	60222.93	206.95	206.90 - 207.10	
208	144495.52	207.95	207.90 - 208.10	
220	0.60	220.05	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.780	0.900	
24	0.63	0.827	0.900	
25	0.63	0.791	0.900	
26	0.65	0.828	0.900	
59	0.54	0.775	0.900	
113	0.45	0.720	0.900	
115	0.47	0.716	0.900	
206	0.50	0.814	0.900	
207	0.51	0.757	0.900	
208	0.49	0.831	0.900	
220	0.24	0.764		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.78 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.7 V	Deflect	15.4 V
Extract 2	-160.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-85 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	122	Axis Gain	1.0001	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.3 mm

EM

Discriminator	3.2 mV	Analog HV	2215 V	Pulse HV	1408 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		31032	310316.50			0.564	
89		46418	464184.53			0.394	
205		47842	478415.14			0.348	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	31063	30923	30838	31300	31034
89	46480	46564	46100	46493	46456
205	47762	47819	47725	48133	47769

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.78 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	10.9 V	Deflect	3.6 V

US EPA Tune Check Report

Extract 2	-175.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-90 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	122	Axis Gain	1.0001	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.3 mm

EM

Discriminator	3.2 mV	Analog HV	2215 V	Pulse HV	1408 V

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:11:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	0.14	-0.06	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.01	-0.03	0.03	0.00	N/A	ppb
Boron	11-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.10	-0.04	-0.06	0.00	N/A	ppb
Cadmium	106-1	1.46	-0.61	-0.85	0.00	N/A	ppb
Cadmium	108-1	0.11	-0.09	-0.03	0.00	N/A	ppb
Calcium	43-1	-0.39	0.87	-0.48	0.00	N/A	ppb
Calcium	44-1	0.26	-0.30	0.04	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.03	0.18	-0.15	0.00	N/A	ppb
Iron	57-2	1.66	-1.10	-0.56	0.00	N/A	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:11:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.38	1.23	-0.85	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.12	0.13	-0.01	0.00	N/A	ppb
Manganese	55-2	-0.03	0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	-14.44	-12.71	-7.53	-11.56		ppb
Potassium	39-2	2.08	-1.42	-0.66	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.27	0.58	-0.31	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.61	0.14	0.47	0.00	N/A	ppb
Silicon	28-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.28	-0.14	-0.14	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	57.22	-0.63	-15.33	13.76	278.84	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:11:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.00	-0.04	0.04	0.00	N/A	ppb
Titanium	47-1	-0.01	0.00	0.01	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	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.11	0.05	0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:16:56	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.83	23.01	23.36	23.07	1.17	ppb
Antimony	121-1	2.01	2.12	2.03	2.05	2.87	ppb
Arsenic	75-2	1.14	1.16	1.21	1.17	3.32	ppb
Barium	135-1	9.90	10.02	10.12	10.01	1.10	ppb
Barium	137-1	9.79	10.22	9.97	10.00	2.16	ppb
Beryllium	9-1	1.07	1.13	1.09	1.10	2.95	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	6.27	6.27	7.08	6.54	7.15	ppb
Boron	11-1	5.89	6.65	6.71	6.42	7.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.27	1.25	1.04	1.19	10.91	ppb
Cadmium	106-1	3.57	2.82	0.05	2.14	86.50	ppb
Cadmium	108-1	0.83	1.24	1.08	1.05	19.61	ppb
Calcium	43-1	541.93	548.21	536.77	542.30	1.06	ppb
Calcium	44-1	530.56	549.13	541.40	540.36	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.20	2.10	2.18	2.16	2.42	ppb
Cobalt	59-2	1.07	1.07	1.07	1.07	0.35	ppb
Copper	63-2	2.16	2.14	2.18	2.16	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	56.52	55.61	56.97	56.37	1.23	ppb
Iron	57-2	59.42	56.87	60.39	58.90	3.09	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:16:56	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	55.61	59.93	56.17	57.23	4.10	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.93	0.92	0.94	2.58	ppb
Lead	207-1	0.89	0.89	0.87	0.88	1.47	ppb
Lead	208-1	0.89	0.91	0.92	0.91	1.74	ppb
Lithium	6-1				102		%
Magnesium	24-2	556.34	551.25	559.20	555.59	0.73	ppb
Manganese	55-2	1.15	1.15	1.22	1.17	3.43	ppb
Molybdenum	94-1	6.00	6.01	5.85	5.95	1.44	ppb
Molybdenum	95-1	5.32	5.40	5.13	5.28	2.65	ppb
Molybdenum	96-1	5.28	5.34	5.28	5.30	0.62	ppb
Molybdenum	97-1	5.04	5.39	5.34	5.25	3.62	ppb
Molybdenum	98-1	5.00	5.33	5.32	5.22	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.02	1.03	1.06	5.17	ppb
Phosphorus	31-2	26.60	-1.24	9.31	11.56	121.60	ppb
Potassium	39-2	544.81	542.69	545.67	544.39	0.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	5.40	5.29	5.95	5.55	6.34	ppb
Selenium	77-2	4.79	3.53	3.81	4.04	16.32	ppb
Selenium	78-2	5.22	4.59	3.42	4.41	20.65	ppb
Silicon	28-1	0.44	0.43	0.39	0.42	6.44	ppb
Silver	107-1	0.74	0.87	0.98	0.86	13.45	ppb
Silver	109-1	0.74	0.91	0.89	0.84	11.01	ppb
Sodium	23-2	554.09	546.85	547.30	549.41	0.74	ppb
Strontium	86-1	0.94	1.08	1.11	1.04	8.45	ppb
Strontium	88-1	1.04	1.06	1.08	1.06	1.48	ppb
Sulfur	34-1	140.92	-2.85	-179.34	-13.76		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.93	1.00	0.96	0.96	3.48	ppb
Thallium	205-1	0.99	1.02	0.98	1.00	1.85	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:16:56	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	5.00	5.17	5.28	5.15	2.67	ppb
Titanium	47-1	4.84	4.84	5.43	5.04	6.80	ppb
Uranium	238-1	0.89	0.91	0.89	0.90	1.87	ppb
Vanadium	51-2	5.34	5.16	5.20	5.23	1.76	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2.50	2.22	2.46	2.39	6.35	ppb
Zirconium	90-1	0.97	0.89	0.95	0.94	4.05	ppb
Zirconium	91-1	0.90	0.92	0.94	0.92	2.64	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:19:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1255.68	1245.99	1244.91	1248.86	0.47	ppb
Antimony	121-1	49.04	50.76	51.44	50.41	2.45	ppb
Arsenic	75-2	50.89	50.02	51.54	50.82	1.50	ppb
Barium	135-1	244.90	252.18	251.73	249.60	1.63	ppb
Barium	137-1	243.42	253.63	254.92	250.66	2.51	ppb
Beryllium	9-1	49.99	51.83	52.49	51.44	2.53	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	48.09	50.54	50.42	49.69	2.78	ppb
Boron	11-1	47.83	51.74	51.87	50.48	4.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	50.69	52.65	53.49	52.28	2.75	ppb
Cadmium	106-1	53.59	51.51	53.43	52.84	2.19	ppb
Cadmium	108-1	52.03	54.46	53.69	53.39	2.33	ppb
Calcium	43-1	5867.18	6027.81	6156.77	6017.25	2.41	ppb
Calcium	44-1	5166.06	5495.64	5547.26	5402.99	3.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.87	52.42	51.63	52.31	1.20	ppb
Cobalt	59-2	52.27	52.70	51.53	52.17	1.13	ppb
Copper	63-2	530.68	529.62	527.03	529.11	0.36	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				103		%
Indium	115-2				101		%
Iron	56-2	2693.83	2676.32	2707.66	2692.60	0.58	ppb
Iron	57-2	2775.48	2771.30	2735.10	2760.63	0.80	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:19:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2879.05	2852.76	2840.98	2857.60	0.68	ppb
Krypton	83-1						cps
Lead	206-1	240.66	246.55	250.06	245.76	1.93	ppb
Lead	207-1	224.89	234.85	235.66	231.80	2.59	ppb
Lead	208-1	239.01	244.53	247.72	243.75	1.81	ppb
Lithium	6-1				102		%
Magnesium	24-2	5293.31	5242.31	5173.48	5236.37	1.15	ppb
Manganese	55-2	523.14	502.26	504.65	510.02	2.24	ppb
Molybdenum	94-1	473.25	514.47	512.62	500.11	4.66	ppb
Molybdenum	95-1	491.73	509.41	517.08	506.07	2.57	ppb
Molybdenum	96-1	480.95	505.00	516.20	500.71	3.60	ppb
Molybdenum	97-1	477.74	501.68	505.29	494.90	3.03	ppb
Molybdenum	98-1	478.38	505.03	510.13	497.85	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.33	54.06	52.12	52.84	2.01	ppb
Phosphorus	31-2	1048.63	1072.30	1009.73	1043.55	3.03	ppb
Potassium	39-2	2523.71	2518.42	2561.37	2534.50	0.92	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	49.78	52.84	51.60	51.41	2.99	ppb
Selenium	77-2	45.66	51.99	48.83	48.83	6.49	ppb
Selenium	78-2	50.02	50.46	54.07	51.52	4.31	ppb
Silicon	28-1	51.41	52.83	53.86	52.70	2.33	ppb
Silver	107-1	49.01	52.44	53.70	51.72	4.69	ppb
Silver	109-1	48.94	52.85	53.67	51.82	4.87	ppb
Sodium	23-2	5463.44	5441.51	5523.28	5476.08	0.77	ppb
Strontium	86-1	1204.09	1269.75	1276.89	1250.24	3.21	ppb
Strontium	88-1	1215.00	1265.48	1273.55	1251.34	2.54	ppb
Sulfur	34-1	808.17	969.94	1014.59	930.90	11.67	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	46.36	48.43	48.96	47.92	2.86	ppb
Thallium	205-1	46.59	48.41	48.63	47.88	2.33	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:19:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	49.34	51.80	51.81	50.98	2.80	ppb
Titanium	47-1	484.78	508.42	521.57	504.93	3.69	ppb
Uranium	238-1	43.32	45.23	45.55	44.70	2.71	ppb
Vanadium	51-2	51.23	51.06	50.40	50.90	0.86	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	534.75	532.56	533.47	533.59	0.21	ppb
Zirconium	90-1	48.50	51.60	51.83	50.64	3.67	ppb
Zirconium	91-1	48.56	51.36	51.94	50.62	3.57	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:22:33	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2593.93	2600.41	2570.68	2588.34	0.60	ppb
Antimony	121-1	117.77	126.61	127.67	124.02	4.38	ppb
Arsenic	75-2	126.44	125.22	125.13	125.60	0.58	ppb
Barium	135-1	592.66	622.26	632.07	615.67	3.33	ppb
Barium	137-1	593.09	620.55	628.19	613.94	3.01	ppb
Beryllium	9-1	121.08	128.15	132.56	127.27	4.55	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	115.39	125.89	132.64	124.64	6.97	ppb
Boron	11-1	116.64	123.42	130.82	123.63	5.74	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	121.28	128.63	132.16	127.36	4.36	ppb
Cadmium	106-1	122.56	126.38	134.29	127.74	4.68	ppb
Cadmium	108-1	121.56	128.93	131.04	127.18	3.91	ppb
Calcium	43-1	14358.92	15383.01	15413.64	15051.86	3.99	ppb
Calcium	44-1	12782.46	13600.25	13555.08	13312.60	3.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.49	129.82	127.98	128.76	0.74	ppb
Cobalt	59-2	128.12	128.53	126.68	127.77	0.76	ppb
Copper	63-2	1299.87	1324.17	1286.47	1303.50	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	6671.87	6722.40	6564.29	6652.85	1.21	ppb
Iron	57-2	6749.37	6812.44	6789.55	6783.78	0.47	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:22:33	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6823.98	6853.42	6674.16	6783.85	1.42	ppb
Krypton	83-1						cps
Lead	206-1	591.76	631.69	615.18	612.88	3.27	ppb
Lead	207-1	586.70	629.58	619.18	611.82	3.66	ppb
Lead	208-1	585.29	624.55	622.90	610.91	3.64	ppb
Lithium	6-1				104		%
Magnesium	24-2	13040.41	12945.29	12784.83	12923.51	1.00	ppb
Manganese	55-2	1273.89	1282.86	1249.41	1268.72	1.36	ppb
Molybdenum	94-1	1194.50	1247.13	1255.22	1232.28	2.68	ppb
Molybdenum	95-1	1193.84	1244.12	1270.02	1235.99	3.13	ppb
Molybdenum	96-1	1181.38	1251.54	1265.92	1232.95	3.67	ppb
Molybdenum	97-1	1194.55	1254.03	1272.15	1240.24	3.27	ppb
Molybdenum	98-1	1181.62	1242.48	1255.01	1226.37	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.31	130.20	126.56	128.69	1.48	ppb
Phosphorus	31-2	2549.37	2575.95	2539.44	2554.92	0.74	ppb
Potassium	39-2	6272.80	6376.57	6155.81	6268.39	1.76	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	124.66	128.19	130.40	127.75	2.27	ppb
Selenium	77-2	131.47	124.42	122.05	125.98	3.89	ppb
Selenium	78-2	130.76	131.10	123.54	128.47	3.32	ppb
Silicon	28-1	123.79	130.26	131.76	128.60	3.30	ppb
Silver	107-1	122.24	130.38	132.41	128.34	4.19	ppb
Silver	109-1	122.09	131.10	132.52	128.57	4.40	ppb
Sodium	23-2	13671.02	13596.35	13503.58	13590.32	0.62	ppb
Strontium	86-1	2969.39	3112.76	3202.35	3094.83	3.80	ppb
Strontium	88-1	2981.64	3104.60	3153.08	3079.77	2.87	ppb
Sulfur	34-1	2008.92	2230.70	2237.87	2159.16	6.03	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	115.18	121.42	122.21	119.60	3.22	ppb
Thallium	205-1	118.25	124.98	125.01	122.75	3.17	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:22:33	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	118.10	127.46	128.17	124.58	4.51	ppb
Titanium	47-1	1174.20	1255.25	1252.66	1227.37	3.75	ppb
Uranium	238-1	113.98	124.32	122.47	120.26	4.59	ppb
Vanadium	51-2	126.51	128.23	125.91	126.88	0.95	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1315.08	1328.42	1311.54	1318.35	0.68	ppb
Zirconium	90-1	118.21	126.37	127.45	124.01	4.07	ppb
Zirconium	91-1	120.42	126.80	127.79	125.00	3.20	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:25:19	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5103.98	5003.66	4863.99	4990.55	2.42	ppb
Antimony	121-1	251.58	261.40	264.44	259.14	2.59	ppb
Arsenic	75-2	251.63	249.95	243.59	248.39	1.71	ppb
Barium	135-1	1244.26	1280.89	1332.71	1285.96	3.46	ppb
Barium	137-1	1247.51	1304.62	1335.12	1295.75	3.43	ppb
Beryllium	9-1	255.03	263.80	268.99	262.61	2.69	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	250.06	263.42	277.32	263.60	5.17	ppb
Boron	11-1	241.04	251.19	271.82	254.68	6.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	258.63	267.85	273.03	266.50	2.74	ppb
Cadmium	106-1	264.99	261.40	266.61	264.34	1.01	ppb
Cadmium	108-1	255.19	267.78	271.38	264.78	3.21	ppb
Calcium	43-1	29804.49	31078.49	32606.80	31163.26	4.50	ppb
Calcium	44-1	27022.60	27660.66	29022.04	27901.77	3.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255.24	252.74	244.78	250.92	2.18	ppb
Cobalt	59-2	249.96	246.61	243.02	246.53	1.41	ppb
Copper	63-2	2552.77	2512.86	2466.35	2510.66	1.72	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				103		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	13060.15	13139.75	12682.64	12960.85	1.88	ppb
Iron	57-2	13374.71	13462.42	12970.71	13269.28	1.98	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:25:19	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13394.39	13107.11	13033.99	13178.50	1.45	ppb
Krypton	83-1						cps
Lead	206-1	1258.64	1269.35	1338.50	1288.83	3.36	ppb
Lead	207-1	1236.10	1261.22	1333.17	1276.83	3.95	ppb
Lead	208-1	1238.06	1260.35	1331.62	1276.68	3.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	25345.52	25055.73	24243.68	24881.64	2.30	ppb
Manganese	55-2	2500.59	2492.84	2424.69	2472.71	1.69	ppb
Molybdenum	94-1	2454.69	2577.45	2695.74	2575.96	4.68	ppb
Molybdenum	95-1	2446.01	2566.40	2702.72	2571.71	4.99	ppb
Molybdenum	96-1	2479.20	2577.32	2691.16	2582.56	4.11	ppb
Molybdenum	97-1	2475.59	2585.41	2663.91	2574.97	3.67	ppb
Molybdenum	98-1	2450.50	2549.27	2669.69	2556.49	4.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.74	250.46	246.62	250.27	1.42	ppb
Phosphorus	31-2	4987.09	5079.66	4825.74	4964.16	2.59	ppb
Potassium	39-2	12357.85	12305.14	12003.02	12222.00	1.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	255.43	261.94	271.03	262.80	2.98	ppb
Selenium	77-2	246.29	257.35	253.00	252.21	2.21	ppb
Selenium	78-2	255.80	249.49	247.69	250.99	1.70	ppb
Silicon	28-1	255.93	266.13	278.92	266.99	4.31	ppb
Silver	107-1	256.93	269.23	277.94	268.04	3.94	ppb
Silver	109-1	253.74	266.80	271.61	264.05	3.50	ppb
Sodium	23-2	26533.72	26871.36	25899.73	26434.94	1.87	ppb
Strontium	86-1	6162.65	6382.07	6673.37	6406.03	4.00	ppb
Strontium	88-1	6149.67	6356.59	6704.73	6403.66	4.38	ppb
Sulfur	34-1	4491.45	4734.10	4990.87	4738.81	5.27	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	249.31	251.84	263.28	254.81	2.92	ppb
Thallium	205-1	245.26	251.15	268.81	255.07	4.80	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:25:19	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	250.36	266.43	263.31	260.03	3.28	ppb
Titanium	47-1	2492.88	2588.33	2676.31	2585.84	3.55	ppb
Uranium	238-1	239.53	251.20	259.50	250.08	4.01	ppb
Vanadium	51-2	254.40	253.25	241.47	249.70	2.87	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	2573.91	2546.39	2465.09	2528.46	2.24	ppb
Zirconium	90-1	245.43	255.21	270.64	257.09	4.94	ppb
Zirconium	91-1	247.11	261.79	273.42	260.78	5.06	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:28:03	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10183.33	10288.39	10330.32	10267.35	0.74	ppb
Antimony	121-1	487.58	494.33	513.87	498.59	2.74	ppb
Arsenic	75-2	509.52	506.12	499.30	504.98	1.03	ppb
Barium	135-1	2425.80	2483.85	2575.86	2495.17	3.03	ppb
Barium	137-1	2411.07	2469.43	2515.12	2465.21	2.12	ppb
Beryllium	9-1	491.56	519.93	505.74	505.75	2.80	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	488.86	515.43	519.57	507.95	3.28	ppb
Boron	11-1	483.73	504.21	515.77	501.24	3.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	489.26	502.62	516.65	502.84	2.72	ppb
Cadmium	106-1	484.76	504.15	519.45	502.78	3.46	ppb
Cadmium	108-1	492.75	508.22	528.25	509.74	3.49	ppb
Calcium	43-1	56746.28	58774.73	58839.50	58120.17	2.05	ppb
Calcium	44-1	52384.07	54561.95	55335.62	54093.88	2.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.54	508.41	503.13	507.36	0.75	ppb
Cobalt	59-2	505.92	502.19	510.05	506.05	0.78	ppb
Copper	63-2	5085.99	5118.75	5109.44	5104.73	0.33	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				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	26133.93	26671.41	26530.23	26445.19	1.05	ppb
Iron	57-2	26099.07	26503.11	26544.98	26382.38	0.93	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:28:03	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26589.61	26919.44	26465.61	26658.22	0.88	ppb
Krypton	83-1						cps
Lead	206-1	2430.23	2508.52	2554.15	2497.63	2.51	ppb
Lead	207-1	2449.33	2509.77	2537.63	2498.91	1.81	ppb
Lead	208-1	2435.50	2500.08	2535.54	2490.37	2.04	ppb
Lithium	6-1				101		%
Magnesium	24-2	50801.66	50371.69	50832.21	50668.52	0.51	ppb
Manganese	55-2	5087.49	5018.08	5096.61	5067.39	0.85	ppb
Molybdenum	94-1	4912.01	5104.25	5061.26	5025.84	2.01	ppb
Molybdenum	95-1	4893.75	5061.69	5068.22	5007.89	1.97	ppb
Molybdenum	96-1	4894.16	5065.91	5088.22	5016.10	2.12	ppb
Molybdenum	97-1	4882.82	5069.00	5114.37	5022.07	2.44	ppb
Molybdenum	98-1	4870.65	5039.50	5060.97	4990.37	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.83	507.09	508.36	507.76	0.12	ppb
Phosphorus	31-2	10033.87	10009.54	10233.96	10092.46	1.22	ppb
Potassium	39-2	25053.86	24691.35	24641.66	24795.62	0.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	497.03	511.88	506.39	505.10	1.49	ppb
Selenium	77-2	506.20	508.11	494.34	502.88	1.48	ppb
Selenium	78-2	511.28	506.13	505.39	507.60	0.63	ppb
Silicon	28-1	494.10	512.09	521.28	509.16	2.72	ppb
Silver	107-1	487.14	499.64	512.06	499.61	2.49	ppb
Silver	109-1	491.57	502.34	516.33	503.41	2.47	ppb
Sodium	23-2	53181.43	53326.93	54202.84	53570.40	1.03	ppb
Strontium	86-1	12057.23	12654.52	12619.69	12443.81	2.69	ppb
Strontium	88-1	12195.10	12919.96	12674.31	12596.46	2.93	ppb
Sulfur	34-1	10733.98	11155.44	11188.67	11026.03	2.30	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	486.29	494.60	504.35	495.08	1.83	ppb
Thallium	205-1	487.80	492.02	509.22	496.35	2.29	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:28:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	481.48	503.27	514.52	499.75	3.36	ppb
Titanium	47-1	4830.04	5112.01	5147.66	5029.90	3.46	ppb
Uranium	238-1	483.49	501.35	507.89	497.58	2.54	ppb
Vanadium	51-2	502.45	507.20	513.64	507.76	1.11	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	5139.01	5157.83	5184.94	5160.59	0.45	ppb
Zirconium	90-1	487.64	505.55	507.51	500.23	2.19	ppb
Zirconium	91-1	489.72	512.63	504.27	502.21	2.31	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:30:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20288.87	20058.42	19752.02	20033.10	1.34	ppb
Antimony	121-1	963.84	1007.42	1024.30	998.52	3.12	ppb
Arsenic	75-2	988.83	1007.57	996.99	997.80	0.94	ppb
Barium	135-1	4863.71	5087.13	5033.00	4994.61	2.33	ppb
Barium	137-1	4852.19	5062.95	5106.79	5007.31	2.72	ppb
Beryllium	9-1	958.60	1021.49	1000.77	993.62	3.23	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	946.25	1030.73	1002.46	993.15	4.33	ppb
Boron	11-1	955.55	1028.34	1012.58	998.82	3.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	957.11	1002.35	1022.68	994.04	3.38	ppb
Cadmium	106-1	959.06	1009.21	1015.35	994.54	3.11	ppb
Cadmium	108-1	966.63	998.82	1007.53	990.99	2.17	ppb
Calcium	43-1	111677.01	117806.24	118755.60	116079.62	3.31	ppb
Calcium	44-1	104102.10	108171.05	110593.00	107622.05	3.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	993.84	1004.88	987.79	995.50	0.87	ppb
Cobalt	59-2	1007.25	998.07	986.83	997.38	1.03	ppb
Copper	63-2	9953.77	9945.69	9911.03	9936.83	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	51440.39	52392.44	51876.99	51903.27	0.92	ppb
Iron	57-2	52195.24	51578.80	51747.71	51840.58	0.61	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:30:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53356.24	52889.66	52936.43	53060.77	0.48	ppb
Krypton	83-1						cps
Lead	206-1	4853.29	5049.08	5077.24	4993.20	2.44	ppb
Lead	207-1	4875.65	5054.66	5058.88	4996.39	2.09	ppb
Lead	208-1	4844.78	5047.97	5107.90	5000.22	2.76	ppb
Lithium	6-1				100		%
Magnesium	24-2	98245.68	99991.55	98024.67	98753.96	1.09	ppb
Manganese	55-2	9963.84	9972.28	9974.74	9970.29	0.06	ppb
Molybdenum	94-1	9828.91	10033.63	10048.36	9970.30	1.23	ppb
Molybdenum	95-1	9791.86	10077.09	10069.79	9979.58	1.63	ppb
Molybdenum	96-1	9810.40	10004.72	10105.10	9973.41	1.50	ppb
Molybdenum	97-1	9819.11	9999.52	10096.47	9971.70	1.41	ppb
Molybdenum	98-1	9798.19	10042.66	10140.41	9993.75	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.78	985.07	995.49	995.45	1.04	ppb
Phosphorus	31-2	19724.16	19995.12	20141.79	19953.69	1.06	ppb
Potassium	39-2	49518.20	48578.76	49561.90	49219.62	1.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	972.09	997.00	1012.40	993.83	2.05	ppb
Selenium	77-2	988.56	1014.40	990.88	997.95	1.43	ppb
Selenium	78-2	985.28	998.62	1002.44	995.44	0.91	ppb
Silicon	28-1	971.56	1006.74	993.75	990.68	1.80	ppb
Silver	107-1	964.78	1001.37	1019.40	995.18	2.80	ppb
Silver	109-1	972.29	997.98	1012.46	994.24	2.05	ppb
Sodium	23-2	104681.74	106635.67	103886.15	105067.85	1.35	ppb
Strontium	86-1	24250.12	25245.77	25482.65	24992.85	2.62	ppb
Strontium	88-1	24369.14	25221.30	25166.38	24918.94	1.91	ppb
Sulfur	34-1	19462.17	19449.53	19883.33	19598.34	1.26	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	978.31	1010.40	1017.40	1002.04	2.08	ppb
Thallium	205-1	974.16	1012.58	1016.11	1000.95	2.32	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:30:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	959.17	1004.01	1029.67	997.62	3.58	ppb
Titanium	47-1	9702.70	10065.43	10130.38	9966.17	2.31	ppb
Uranium	238-1	982.80	1018.34	1005.00	1002.05	1.79	ppb
Vanadium	51-2	1004.37	1002.31	981.05	995.91	1.30	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	9981.22	9824.81	9901.07	9902.36	0.79	ppb
Zirconium	90-1	977.02	1005.76	1011.83	998.20	1.86	ppb
Zirconium	91-1	970.66	1001.48	1016.37	996.17	2.34	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:33:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100430.36	98673.99	100782.90	99962.42	1.13	ppb
Antimony	121-1	1.27	1.28	1.26	1.27	0.88	ppb
Arsenic	75-2	1.01	0.82	0.85	0.89	11.65	ppb
Barium	135-1	3.03	3.00	2.90	2.97	2.25	ppb
Barium	137-1	2.97	2.95	2.97	2.96	0.31	ppb
Beryllium	9-1	0.37	0.34	0.38	0.36	6.07	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Boron	10-1	22.46	19.94	18.73	20.38	9.34	ppb
Boron	11-1	22.84	20.09	18.38	20.44	11.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.46	0.54	0.40	0.47	15.51	ppb
Cadmium	106-1	2.32	3.25	1.56	2.37	35.56	ppb
Cadmium	108-1	0.47	0.53	0.61	0.54	13.68	ppb
Calcium	43-1	496903.68	492715.32	497150.66	495589.89	0.50	ppb
Calcium	44-1	504317.06	494712.64	494660.49	497896.73	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.81	2.89	2.81	2.84	1.73	ppb
Cobalt	59-2	5.09	5.00	5.06	5.05	0.94	ppb
Copper	63-2	2.53	2.46	2.31	2.43	4.72	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				100		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	247851.27	251386.84	249081.25	249439.79	0.72	ppb
Iron	57-2	247515.51	252671.88	248130.29	249439.23	1.13	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:33:34	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	249504.05	248439.85	249569.63	249171.17	0.25	ppb
Krypton	83-1						cps
Lead	206-1	1.61	1.58	1.55	1.58	1.80	ppb
Lead	207-1	1.60	1.50	1.53	1.54	3.34	ppb
Lead	208-1	1.61	1.54	1.55	1.57	2.46	ppb
Lithium	6-1				96		%
Magnesium	24-2	494773.87	507296.11	498455.81	500175.27	1.29	ppb
Manganese	55-2	8.89	8.99	8.73	8.87	1.49	ppb
Molybdenum	94-1	3.50	3.47	3.55	3.51	1.26	ppb
Molybdenum	95-1	3.12	2.95	2.99	3.02	3.00	ppb
Molybdenum	96-1	4.39	4.24	4.27	4.30	1.81	ppb
Molybdenum	97-1	2.99	2.90	2.86	2.92	2.32	ppb
Molybdenum	98-1	2.95	2.84	2.85	2.88	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.90	5.13	5.14	5.06	2.67	ppb
Phosphorus	31-2	-3.99	6.40	-5.41	-1.00		ppb
Potassium	39-2	249481.73	250641.18	250445.65	250189.52	0.25	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	1.55	0.95	1.54	1.35	25.48	ppb
Selenium	77-2	0.44	0.66	0.87	0.66	32.79	ppb
Selenium	78-2	1.27	0.63	0.79	0.90	36.80	ppb
Silicon	28-1	8.78	9.84	10.31	9.64	8.10	ppb
Silver	107-1	0.72	0.68	0.61	0.67	8.42	ppb
Silver	109-1	0.73	0.69	0.62	0.68	8.52	ppb
Sodium	23-2	496492.44	496141.70	502942.59	498525.57	0.77	ppb
Strontium	86-1	9.67	9.21	9.01	9.29	3.64	ppb
Strontium	88-1	9.66	9.52	9.52	9.57	0.86	ppb
Sulfur	34-1	-1430.43	-1542.98	-1465.30	-1479.57		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.43	0.42	0.44	0.43	2.00	ppb
Thallium	205-1	0.44	0.42	0.42	0.43	3.55	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:33:34	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.68	0.69	0.75	0.71	5.03	ppb
Titanium	47-1	2.30	2.19	2.13	2.21	3.77	ppb
Uranium	238-1	0.19	0.20	0.18	0.19	5.93	ppb
Vanadium	51-2	0.80	0.74	0.72	0.76	5.99	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	9.94	9.19	10.08	9.74	4.92	ppb
Zirconium	90-1	0.51	0.54	0.53	0.53	3.21	ppb
Zirconium	91-1	0.42	0.54	0.54	0.50	13.52	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P7
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 15:50:08	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	523.46	522.29	525.13	523.62	0.27	ppb
Antimony	121-1	203.38	221.00	217.35	213.91	4.35	ppb
Arsenic	75-2	209.31	209.59	210.56	209.82	0.31	ppb
Barium	135-1	98.87	109.32	106.12	104.77	5.11	ppb
Barium	137-1	99.06	106.92	106.20	104.06	4.18	ppb
Beryllium	9-1	99.71	104.55	105.02	103.09	2.85	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	0.35	0.50	0.40	0.42	18.31	ppb
Boron	11-1	0.42	0.37	0.37	0.39	7.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	104.44	112.58	111.57	109.53	4.05	ppb
Cadmium	106-1	79.27	86.64	90.80	85.57	6.82	ppb
Cadmium	108-1	86.72	94.62	94.66	92.00	4.97	ppb
Calcium	43-1	2007.58	2217.86	2158.88	2128.11	5.10	ppb
Calcium	44-1	2023.82	2198.10	2160.74	2127.55	4.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.87	107.36	106.60	107.28	0.60	ppb
Cobalt	59-2	106.72	107.77	106.46	106.98	0.65	ppb
Copper	63-2	104.36	105.01	104.16	104.51	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	2105.69	2121.07	2121.03	2115.93	0.42	ppb
Iron	57-2	2131.57	2141.71	2124.26	2132.52	0.41	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P7
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 15:50:08	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2280.77	2300.95	2278.89	2286.87	0.53	ppb
Krypton	83-1						cps
Lead	206-1	192.90	204.68	204.12	200.57	3.31	ppb
Lead	207-1	176.19	187.50	187.35	183.68	3.53	ppb
Lead	208-1	194.79	205.68	205.58	202.02	3.10	ppb
Lithium	6-1				103		%
Magnesium	24-2	1219.41	1227.03	1209.35	1218.60	0.73	ppb
Manganese	55-2	106.45	106.04	105.82	106.10	0.30	ppb
Molybdenum	94-1	0.05	0.05	0.03	0.04	21.31	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	9.76	ppb
Molybdenum	96-1	0.06	0.04	0.08	0.06	26.23	ppb
Molybdenum	97-1	0.04	0.03	0.01	0.03	61.05	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	33.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	120.82	121.19	120.24	120.75	0.39	ppb
Phosphorus	31-2	-6.55	-9.14	-21.63	-12.44		ppb
Potassium	39-2	2158.62	2170.99	2156.32	2161.97	0.36	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	207.70	224.03	221.81	217.85	4.06	ppb
Selenium	77-2	217.21	226.61	218.83	220.88	2.27	ppb
Selenium	78-2	218.01	221.33	217.62	218.98	0.93	ppb
Silicon	28-1	0.05	0.20	0.12	0.13	60.10	ppb
Silver	107-1	48.70	55.56	54.92	53.06	7.14	ppb
Silver	109-1	48.71	54.60	55.62	52.98	7.04	ppb
Sodium	23-2	2106.82	2106.28	2068.66	2093.92	1.04	ppb
Strontium	86-1	0.24	0.25	0.29	0.26	11.32	ppb
Strontium	88-1	0.27	0.28	0.28	0.28	2.16	ppb
Sulfur	34-1	-511.28	-305.41	-547.97	-454.88		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	212.13	225.37	220.76	219.42	3.06	ppb
Thallium	205-1	215.98	225.56	223.31	221.62	2.26	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P7
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 15:50:08	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.23	0.42	0.39	0.34	29.77	ppb
Titanium	47-1	0.05	-0.02	-0.01	0.01	499.89	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	104.15	103.65	103.82	103.87	0.24	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	210.54	213.03	210.88	211.48	0.64	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	19.27	ppb
Zirconium	91-1	0.07	0.09	0.07	0.08	14.33	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 16:20:23	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.27	21.72	21.36	21.78	2.10	ppb
Antimony	121-1	2.01	2.22	2.21	2.14	5.49	ppb
Arsenic	75-2	1.21	1.11	1.15	1.16	4.19	ppb
Barium	135-1	9.89	10.20	10.66	10.25	3.82	ppb
Barium	137-1	9.74	10.14	10.33	10.07	2.97	ppb
Beryllium	9-1	0.95	1.03	1.06	1.01	5.57	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	6.10	6.54	6.94	6.53	6.43	ppb
Boron	11-1	6.29	6.60	6.74	6.54	3.46	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.93	0.87	0.96	0.92	5.28	ppb
Cadmium	106-1	-0.78	-2.27	-1.72	-1.59		ppb
Cadmium	108-1	0.98	0.96	0.90	0.95	4.10	ppb
Calcium	43-1	519.44	524.71	545.77	529.97	2.63	ppb
Calcium	44-1	506.12	534.16	543.31	527.86	3.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.13	2.00	2.18	2.10	4.35	ppb
Cobalt	59-2	1.04	1.04	1.05	1.04	0.66	ppb
Copper	63-2	2.18	2.12	2.20	2.17	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	56.27	53.44	55.15	54.95	2.60	ppb
Iron	57-2	60.05	57.97	60.25	59.42	2.12	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 16:20:23	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	57.99	55.48	59.10	57.52	3.23	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.91	0.92	0.91	1.09	ppb
Lead	207-1	0.86	0.91	0.91	0.89	3.10	ppb
Lead	208-1	0.87	0.93	0.90	0.90	2.92	ppb
Lithium	6-1				101		%
Magnesium	24-2	542.86	531.09	542.50	538.82	1.24	ppb
Manganese	55-2	1.13	1.07	1.10	1.10	2.45	ppb
Molybdenum	94-1	5.94	5.93	5.98	5.95	0.44	ppb
Molybdenum	95-1	5.20	5.31	5.48	5.33	2.63	ppb
Molybdenum	96-1	4.99	5.37	5.35	5.23	4.10	ppb
Molybdenum	97-1	4.99	5.35	5.28	5.21	3.62	ppb
Molybdenum	98-1	5.11	5.29	5.22	5.21	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.15	1.05	1.14	7.15	ppb
Phosphorus	31-2	34.46	17.13	18.25	23.28	41.67	ppb
Potassium	39-2	559.91	539.10	537.66	545.56	2.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	4.98	5.20	5.36	5.18	3.72	ppb
Selenium	77-2	6.84	5.57	4.96	5.79	16.61	ppb
Selenium	78-2	5.25	5.73	5.45	5.48	4.39	ppb
Silicon	28-1	0.17	0.29	0.35	0.27	34.67	ppb
Silver	107-1	0.72	0.91	0.98	0.87	15.03	ppb
Silver	109-1	0.76	0.91	0.94	0.87	11.15	ppb
Sodium	23-2	540.83	528.78	535.81	535.14	1.13	ppb
Strontium	86-1	0.90	0.95	0.95	0.93	3.25	ppb
Strontium	88-1	0.96	1.03	1.05	1.01	4.75	ppb
Sulfur	34-1	-369.98	-194.06	-187.61	-250.55		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.99	0.99	0.96	0.98	1.71	ppb
Thallium	205-1	0.94	0.98	0.95	0.95	2.06	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 16:20:23	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.94	5.33	5.28	5.19	4.07	ppb
Titanium	47-1	5.11	5.21	5.33	5.22	2.14	ppb
Uranium	238-1	0.83	0.87	0.87	0.85	2.73	ppb
Vanadium	51-2	5.28	5.14	5.22	5.21	1.28	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1.15	1.28	1.22	1.22	5.30	ppb
Zirconium	90-1	0.90	0.98	0.93	0.94	4.50	ppb
Zirconium	91-1	0.99	0.90	0.99	0.96	5.57	ppb

LB Number : LB122299 Operator : Jaswal
 Lab Sample ID : ICB02 Instrumnet Name : P7
 Client Sample ID : ICB02 Dilution Factor : 1
 Date & Time Acquired : 2022-10-02 17:19:43 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.33	-0.12	0.04	-0.14		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	169.59	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	0.01	-0.01	0.03	0.01	163.92	ppb
Barium	137-1	0.01	0.01	0.03	0.01	75.16	ppb
Beryllium	9-1	-0.03	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				92		%
Bismuth	209-2				98		%
Boron	10-1	0.28	0.21	0.24	0.25	14.41	ppb
Boron	11-1	0.16	0.12	0.22	0.17	29.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.20	-0.37	-0.27	-0.28		ppb
Cadmium	106-1	-2.64	-4.62	-3.47	-3.58		ppb
Cadmium	108-1	-0.12	-0.02	-0.15	-0.10		ppb
Calcium	43-1	2.54	0.91	-1.76	0.57	383.39	ppb
Calcium	44-1	0.04	-2.28	-2.23	-1.49		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	-0.03	-0.02		ppb
Cobalt	59-2	-0.02	-0.03	-0.02	-0.02		ppb
Copper	63-2	-0.05	-0.03	-0.08	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	-0.53	-0.58	-0.50	-0.54		ppb
Iron	57-2	2.29	-1.77	0.79	0.44	472.34	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P7
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:19:43	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.29	-0.21	0.40	0.16	204.94	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	28.74	ppb
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	0.00	-0.01	-0.01	0.00		ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.12	0.11	-0.14	-0.05		ppb
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.02	0.02	19.82	ppb
Phosphorus	31-2	4.68	1.93	0.28	2.30	96.65	ppb
Potassium	39-2	-1.79	-0.35	-1.49	-1.21		ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	0.11	0.00	-0.25	-0.04		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.05	-0.62	-0.31	-0.29		ppb
Silicon	28-1	0.25	-0.11	-0.14	0.00		ppb
Silver	107-1	0.00	0.01	0.00	0.00	140.70	ppb
Silver	109-1	0.00	0.00	0.00	0.00	18.05	ppb
Sodium	23-2	-0.51	1.04	0.27	0.27	290.34	ppb
Strontium	86-1	-0.02	0.01	-0.04	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	850.80	-34.24	-110.96	235.20	227.25	ppb
Terbium	159-1				95		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P7
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:19:43	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.10	-0.03	0.00	0.02	285.53	ppb
Titanium	47-1	-0.01	-0.05	-0.02	-0.03		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	-1.12	-1.01	-1.12	-1.08		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	-0.01	-0.01		ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P7
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:22:35	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92942.07	92575.96	93744.58	93087.54	0.64	ppb
Antimony	121-1	1.06	1.11	1.15	1.11	3.75	ppb
Arsenic	75-2	0.39	0.31	0.30	0.33	14.67	ppb
Barium	135-1	1.40	1.42	1.29	1.37	5.25	ppb
Barium	137-1	1.31	1.46	1.35	1.38	5.76	ppb
Beryllium	9-1	0.23	0.24	0.22	0.23	5.11	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	0.36	0.34	0.33	0.34	3.70	ppb
Boron	11-1	0.37	0.35	0.34	0.35	5.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.38	0.37	0.27	0.34	18.36	ppb
Cadmium	106-1	-2.73	-3.06	-3.18	-2.99		ppb
Cadmium	108-1	14.62	13.11	13.09	13.61	6.41	ppb
Calcium	43-1	100700.42	96907.01	96813.45	98140.29	2.26	ppb
Calcium	44-1	99340.86	97397.73	98017.52	98252.04	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.15	19.93	20.46	20.18	1.32	ppb
Cobalt	59-2	1.34	1.33	1.39	1.35	2.19	ppb
Copper	63-2	8.27	8.28	8.42	8.32	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	100773.32	101127.61	100890.63	100930.52	0.18	ppb
Iron	57-2	99631.39	98697.78	99470.04	99266.40	0.50	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P7
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:22:35	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	101922.41	101028.92	103742.56	102231.30	1.35	ppb
Krypton	83-1						cps
Lead	206-1	6.29	6.55	6.53	6.45	2.25	ppb
Lead	207-1	5.59	5.83	5.75	5.72	2.16	ppb
Lead	208-1	5.84	6.10	6.02	5.99	2.19	ppb
Lithium	6-1				98		%
Magnesium	24-2	95423.09	94198.72	96420.98	95347.59	1.17	ppb
Manganese	55-2	8.69	8.70	8.80	8.73	0.67	ppb
Molybdenum	94-1	1571.49	1567.64	1541.54	1560.23	1.04	ppb
Molybdenum	95-1	1943.69	1921.19	1912.32	1925.73	0.84	ppb
Molybdenum	96-1	1901.68	1867.03	1865.06	1877.92	1.10	ppb
Molybdenum	97-1	1953.92	1902.65	1910.43	1922.33	1.44	ppb
Molybdenum	98-1	1947.79	1914.09	1888.16	1916.68	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.38	5.44	5.66	5.49	2.68	ppb
Phosphorus	31-2	93258.73	93739.13	94835.67	93944.51	0.86	ppb
Potassium	39-2	95284.22	96043.20	96024.25	95783.89	0.45	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	-0.10	-0.23	0.12	-0.07		ppb
Selenium	77-2	0.22	0.43	0.00	0.21	99.56	ppb
Selenium	78-2	0.43	0.59	-0.05	0.33	103.01	ppb
Silicon	28-1	1.15	0.89	0.94	1.00	13.83	ppb
Silver	107-1	0.06	0.05	0.05	0.05	8.88	ppb
Silver	109-1	0.05	0.06	0.05	0.05	6.73	ppb
Sodium	23-2	100950.45	99185.47	101668.54	100601.49	1.27	ppb
Strontium	86-1	33.54	33.68	33.43	33.55	0.37	ppb
Strontium	88-1	34.19	33.26	33.66	33.70	1.38	ppb
Sulfur	34-1	93961.34	90564.36	90338.38	91621.36	2.22	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.07	0.09	0.09	0.08	15.08	ppb
Thallium	205-1	0.06	0.07	0.08	0.07	14.81	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P7
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:22:35	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.48	0.44	0.37	0.43	13.33	ppb
Titanium	47-1	2006.16	1932.77	1972.85	1970.60	1.86	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	160.56	ppb
Vanadium	51-2	0.27	0.27	0.30	0.28	5.23	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	10.43	10.10	10.56	10.36	2.27	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	66.44	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P7
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:25:23	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93658.17	93722.36	92948.18	93442.90	0.46	ppb
Antimony	121-1	21.42	21.78	21.35	21.52	1.09	ppb
Arsenic	75-2	20.64	20.39	19.64	20.22	2.58	ppb
Barium	135-1	21.11	21.51	21.04	21.22	1.19	ppb
Barium	137-1	21.09	21.39	20.71	21.06	1.62	ppb
Beryllium	9-1	19.99	20.17	20.30	20.15	0.77	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	0.46	0.50	0.39	0.45	11.93	ppb
Boron	11-1	0.45	0.46	0.38	0.43	10.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	20.21	20.82	20.33	20.45	1.57	ppb
Cadmium	106-1	15.90	14.83	14.90	15.21	3.94	ppb
Cadmium	108-1	30.61	29.88	28.91	29.80	2.87	ppb
Calcium	43-1	98030.16	96585.46	99188.04	97934.55	1.33	ppb
Calcium	44-1	98891.73	96780.80	99333.40	98335.31	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.66	40.42	40.25	40.44	0.52	ppb
Cobalt	59-2	21.29	21.36	21.44	21.36	0.34	ppb
Copper	63-2	27.61	27.92	27.59	27.71	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	101327.56	102493.21	100338.99	101386.59	1.06	ppb
Iron	57-2	100433.58	99722.51	98334.94	99497.01	1.07	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P7
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:25:23	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	102098.13	101651.34	101592.77	101780.75	0.27	ppb
Krypton	83-1						cps
Lead	206-1	25.36	25.29	24.58	25.08	1.74	ppb
Lead	207-1	23.30	22.54	22.52	22.79	1.96	ppb
Lead	208-1	24.04	23.29	23.22	23.52	1.93	ppb
Lithium	6-1				98		%
Magnesium	24-2	96456.91	97960.69	95309.12	96575.57	1.38	ppb
Manganese	55-2	28.61	28.81	28.29	28.57	0.93	ppb
Molybdenum	94-1	1579.70	1557.17	1563.52	1566.80	0.74	ppb
Molybdenum	95-1	1937.44	1922.10	1899.80	1919.78	0.99	ppb
Molybdenum	96-1	1901.29	1870.15	1869.13	1880.19	0.97	ppb
Molybdenum	97-1	1933.70	1889.17	1931.69	1918.19	1.31	ppb
Molybdenum	98-1	1951.55	1913.07	1901.27	1921.96	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.55	25.73	25.84	25.71	0.58	ppb
Phosphorus	31-2	95295.13	94198.02	93417.03	94303.40	1.00	ppb
Potassium	39-2	96277.16	96293.43	95283.00	95951.20	0.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	20.53	20.62	20.58	20.58	0.21	ppb
Selenium	77-2	20.57	16.17	21.81	19.52	15.20	ppb
Selenium	78-2	18.47	19.72	19.72	19.31	3.75	ppb
Silicon	28-1	0.87	0.75	0.77	0.80	8.29	ppb
Silver	107-1	18.73	19.35	18.98	19.02	1.65	ppb
Silver	109-1	18.79	19.44	19.18	19.14	1.70	ppb
Sodium	23-2	102370.10	102588.55	99785.30	101581.32	1.53	ppb
Strontium	86-1	34.23	33.46	33.59	33.76	1.22	ppb
Strontium	88-1	34.07	33.97	34.16	34.07	0.27	ppb
Sulfur	34-1	89154.26	86854.11	89273.16	88427.18	1.54	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	19.81	20.07	19.80	19.90	0.77	ppb
Thallium	205-1	19.93	20.12	19.99	20.02	0.48	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P7
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:25:23	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.02	0.06	0.04	0.04	62.70	ppb
Titanium	47-1	1966.89	1957.39	1994.33	1972.87	0.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	177.71	ppb
Vanadium	51-2	20.49	20.23	19.91	20.21	1.43	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	30.57	30.17	30.42	30.39	0.67	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	79.45	ppb
Zirconium	91-1	0.01	0.02	0.01	0.02	33.08	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:28:08	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50248.60	50030.15	49696.95	49991.90	0.56	ppb
Antimony	121-1	522.60	513.60	513.65	516.62	1.00	ppb
Arsenic	75-2	495.99	492.79	495.23	494.67	0.34	ppb
Barium	135-1	2637.73	2588.54	2601.70	2609.32	0.98	ppb
Barium	137-1	2615.38	2580.51	2571.08	2588.99	0.90	ppb
Beryllium	9-1	498.85	510.87	515.78	508.50	1.71	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	208.90	217.67	217.46	214.68	2.33	ppb
Boron	11-1	209.72	214.79	217.52	214.01	1.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	533.91	535.71	538.46	536.03	0.43	ppb
Cadmium	106-1	521.00	529.79	532.21	527.67	1.12	ppb
Cadmium	108-1	532.21	518.35	527.59	526.05	1.34	ppb
Calcium	43-1	264634.95	255642.17	256140.53	258805.88	1.95	ppb
Calcium	44-1	259224.56	255037.45	252413.48	255558.50	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.68	501.71	495.05	501.15	1.16	ppb
Cobalt	59-2	488.86	485.89	489.19	487.98	0.37	ppb
Copper	63-2	5157.97	5155.06	5137.51	5150.18	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	56-2	127983.80	127697.93	127546.64	127742.79	0.17	ppb
Iron	57-2	126676.01	126248.06	126420.51	126448.19	0.17	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:28:08	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	128678.65	128475.00	127005.47	128053.04	0.71	ppb
Krypton	83-1						cps
Lead	206-1	2666.40	2682.42	2646.47	2665.10	0.68	ppb
Lead	207-1	2659.53	2682.70	2603.02	2648.41	1.55	ppb
Lead	208-1	2662.58	2679.92	2607.04	2649.85	1.44	ppb
Lithium	6-1				95		%
Magnesium	24-2	246418.57	249515.37	251543.30	249159.08	1.04	ppb
Manganese	55-2	4995.95	5004.27	4991.11	4997.11	0.13	ppb
Molybdenum	94-1	5236.64	5215.27	5153.85	5201.92	0.83	ppb
Molybdenum	95-1	5184.74	5264.24	5188.62	5212.53	0.86	ppb
Molybdenum	96-1	5264.17	5224.63	5149.27	5212.69	1.12	ppb
Molybdenum	97-1	5226.53	5260.39	5191.36	5226.09	0.66	ppb
Molybdenum	98-1	5232.67	5241.52	5197.77	5223.99	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.43	505.38	508.70	507.17	0.33	ppb
Phosphorus	31-2	10229.44	10325.52	10337.33	10297.43	0.57	ppb
Potassium	39-2	124709.50	123325.04	124079.77	124038.10	0.56	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	543.88	527.59	524.15	531.87	1.98	ppb
Selenium	77-2	531.25	516.32	521.11	522.89	1.46	ppb
Selenium	78-2	525.45	521.01	520.46	522.31	0.52	ppb
Silicon	28-1	166.70	162.22	161.67	163.53	1.69	ppb
Silver	107-1	531.16	530.21	536.48	532.62	0.63	ppb
Silver	109-1	529.74	528.45	531.64	529.94	0.30	ppb
Sodium	23-2	251807.47	249775.51	248216.71	249933.23	0.72	ppb
Strontium	86-1	13149.25	13094.65	12668.55	12970.82	2.03	ppb
Strontium	88-1	13288.05	13104.31	12792.53	13061.63	1.92	ppb
Sulfur	34-1	8713.56	10074.75	7589.35	8792.56	14.15	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	540.51	528.29	530.32	533.04	1.23	ppb
Thallium	205-1	544.93	536.62	531.13	537.56	1.29	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:28:08	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	519.10	512.66	521.73	517.83	0.90	ppb
Titanium	47-1	5202.51	5183.24	5160.89	5182.21	0.40	ppb
Uranium	238-1	526.36	521.29	524.99	524.21	0.50	ppb
Vanadium	51-2	502.72	512.68	509.55	508.32	1.00	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	5255.86	5216.31	5249.37	5240.51	0.40	ppb
Zirconium	90-1	506.54	511.65	510.88	509.69	0.54	ppb
Zirconium	91-1	505.88	515.51	508.73	510.04	0.97	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:33:59	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.71	3.13	3.38	3.41	8.54	ppb
Antimony	121-1	0.14	0.12	0.12	0.12	7.52	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	65.75	ppb
Barium	135-1	0.03	0.06	0.02	0.04	52.64	ppb
Barium	137-1	0.05	0.07	0.07	0.06	15.89	ppb
Beryllium	9-1	0.02	0.03	0.00	0.02	104.48	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	1.49	1.23	1.29	1.34	10.18	ppb
Boron	11-1	1.29	1.24	1.14	1.22	6.27	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.27	-0.03	-0.12	-0.14		ppb
Cadmium	106-1	-3.78	-0.83	-1.83	-2.15		ppb
Cadmium	108-1	-0.02	-0.03	-0.11	-0.06		ppb
Calcium	43-1	8.91	10.89	12.46	10.75	16.56	ppb
Calcium	44-1	10.53	12.18	12.89	11.87	10.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.02	0.00	1306.52	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.31	0.31	0.28	0.30	5.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	6.90	5.75	5.24	5.96	14.28	ppb
Iron	57-2	3.92	4.43	2.13	3.49	34.51	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:33:59	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6.40	5.48	5.43	5.77	9.54	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.37	0.34	0.37	6.29	ppb
Lead	207-1	0.32	0.34	0.30	0.32	6.40	ppb
Lead	208-1	0.36	0.34	0.33	0.34	4.80	ppb
Lithium	6-1				99		%
Magnesium	24-2	9.41	8.40	7.91	8.57	8.93	ppb
Manganese	55-2	0.16	0.16	0.14	0.15	8.28	ppb
Molybdenum	94-1	0.21	0.31	0.27	0.26	20.03	ppb
Molybdenum	95-1	0.24	0.29	0.30	0.28	12.46	ppb
Molybdenum	96-1	0.22	0.25	0.31	0.26	18.69	ppb
Molybdenum	97-1	0.22	0.29	0.27	0.26	13.89	ppb
Molybdenum	98-1	0.23	0.30	0.32	0.28	16.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.26	0.19	0.22	16.83	ppb
Phosphorus	31-2	-1.22	16.12	-8.30	2.20	571.21	ppb
Potassium	39-2	9.82	12.47	3.44	8.57	54.15	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.37	0.10	-0.08	0.13	173.50	ppb
Selenium	77-2	0.21	0.00	0.00	0.07	173.21	ppb
Selenium	78-2	0.04	-0.32	0.31	0.01	3655.51	ppb
Silicon	28-1	0.44	0.20	0.22	0.28	46.28	ppb
Silver	107-1	0.09	0.08	0.09	0.09	6.47	ppb
Silver	109-1	0.09	0.08	0.07	0.08	11.88	ppb
Sodium	23-2	29.20	29.87	29.20	29.42	1.30	ppb
Strontium	86-1	0.30	0.37	0.44	0.37	18.97	ppb
Strontium	88-1	0.34	0.43	0.44	0.41	13.14	ppb
Sulfur	34-1	-1207.71	-1609.08	-1676.09	-1497.63		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.07	0.07	0.08	14.00	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	8.10	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:33:59	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.34	0.45	0.37	0.39	15.60	ppb
Titanium	47-1	0.17	0.20	0.31	0.23	33.70	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	164.90	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	7.78	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	-0.83	-1.01	-0.91	-0.92		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	17.14	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	113.11	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:36:52	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.38	22.88	23.77	23.34	1.92	ppb
Antimony	121-1	2.07	2.18	2.10	2.12	2.49	ppb
Arsenic	75-2	1.12	1.17	1.02	1.10	6.87	ppb
Barium	135-1	9.77	10.12	9.83	9.91	1.88	ppb
Barium	137-1	9.83	10.10	10.10	10.01	1.52	ppb
Beryllium	9-1	1.12	1.08	1.08	1.09	2.30	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	7.00	6.82	7.36	7.06	3.85	ppb
Boron	11-1	6.65	7.12	7.26	7.01	4.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.14	1.23	1.11	1.16	5.70	ppb
Cadmium	106-1	0.70	1.74	0.74	1.06	55.62	ppb
Cadmium	108-1	1.03	1.19	0.92	1.05	13.23	ppb
Calcium	43-1	564.36	552.19	549.32	555.29	1.44	ppb
Calcium	44-1	541.76	539.08	549.27	543.37	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.13	2.15	2.12	2.13	0.88	ppb
Cobalt	59-2	1.01	1.03	1.04	1.03	1.53	ppb
Copper	63-2	2.38	2.34	2.34	2.35	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	57.27	57.61	57.65	57.51	0.36	ppb
Iron	57-2	60.36	62.04	67.12	63.17	5.58	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:36:52	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	59.30	60.48	63.74	61.17	3.76	ppb
Krypton	83-1						cps
Lead	206-1	1.15	1.13	1.13	1.14	0.74	ppb
Lead	207-1	1.09	1.05	1.10	1.08	2.35	ppb
Lead	208-1	1.13	1.11	1.13	1.12	1.04	ppb
Lithium	6-1				101		%
Magnesium	24-2	526.22	529.31	534.03	529.85	0.74	ppb
Manganese	55-2	1.12	1.15	1.20	1.16	3.24	ppb
Molybdenum	94-1	5.89	5.90	6.16	5.98	2.53	ppb
Molybdenum	95-1	5.14	5.21	5.36	5.24	2.15	ppb
Molybdenum	96-1	5.26	5.44	5.44	5.38	2.00	ppb
Molybdenum	97-1	4.97	5.12	5.23	5.11	2.55	ppb
Molybdenum	98-1	5.21	5.27	5.26	5.25	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.24	1.24	1.17	9.93	ppb
Phosphorus	31-2	11.46	22.54	15.51	16.50	33.97	ppb
Potassium	39-2	536.96	537.34	540.19	538.17	0.33	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	5.32	5.41	5.80	5.51	4.66	ppb
Selenium	77-2	6.71	4.61	6.29	5.87	18.92	ppb
Selenium	78-2	5.08	5.68	4.66	5.14	9.93	ppb
Silicon	28-1	0.47	0.30	0.32	0.36	25.08	ppb
Silver	107-1	0.85	0.98	0.96	0.93	7.61	ppb
Silver	109-1	0.80	0.96	1.05	0.94	13.61	ppb
Sodium	23-2	539.29	538.72	552.90	543.64	1.48	ppb
Strontium	86-1	1.08	1.09	1.12	1.09	2.14	ppb
Strontium	88-1	1.09	1.11	1.13	1.11	1.55	ppb
Sulfur	34-1	-1322.43	-1603.55	-1650.00	-1525.33		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	1.06	1.01	1.06	1.04	2.75	ppb
Thallium	205-1	1.02	1.06	1.07	1.05	2.95	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:36:52	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	5.10	5.32	5.29	5.24	2.27	ppb
Titanium	47-1	5.03	5.06	5.28	5.12	2.71	ppb
Uranium	238-1	0.85	0.84	0.85	0.85	0.95	ppb
Vanadium	51-2	5.15	5.10	5.22	5.16	1.21	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	1.23	1.65	1.60	1.49	15.36	ppb
Zirconium	90-1	0.93	0.95	0.99	0.96	3.13	ppb
Zirconium	91-1	0.92	0.91	1.00	0.94	5.25	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-01DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:40:00	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1438.34	1428.19	1438.47	1435.00	0.41	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	18.60	ppb
Arsenic	75-2	0.23	0.20	0.23	0.22	7.19	ppb
Barium	135-1	8.27	8.55	8.75	8.52	2.87	ppb
Barium	137-1	8.62	8.46	8.53	8.53	0.92	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	42.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	59.57	64.78	63.83	62.73	4.42	ppb
Boron	11-1	61.04	66.07	66.16	64.43	4.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.89	20.17	20.25	20.10	0.95	ppb
Cadmium	106-1	17.79	17.25	17.71	17.58	1.65	ppb
Cadmium	108-1	17.77	17.77	18.32	17.95	1.77	ppb
Calcium	43-1	21813.12	22815.39	22624.63	22417.71	2.37	ppb
Calcium	44-1	20766.30	21506.63	21224.94	21165.96	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.35	0.38	0.36	4.98	ppb
Cobalt	59-2	6.10	6.21	6.28	6.20	1.46	ppb
Copper	63-2	1372.98	1395.28	1365.32	1377.86	1.13	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				108		%
Indium	115-1				108		%
Indium	115-2				110		%
Iron	56-2	1478.02	1496.97	1480.75	1485.25	0.69	ppb
Iron	57-2	1737.60	1748.36	1752.97	1746.31	0.45	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-01DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:40:00	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1557.36	1537.94	1539.62	1544.97	0.70	ppb
Krypton	83-1						cps
Lead	206-1	2.50	2.57	2.44	2.50	2.67	ppb
Lead	207-1	2.33	2.33	2.23	2.29	2.54	ppb
Lead	208-1	2.32	2.42	2.36	2.37	1.98	ppb
Lithium	6-1				100		%
Magnesium	24-2	6609.26	6591.84	6648.55	6616.55	0.44	ppb
Manganese	55-2	318.72	317.12	319.96	318.60	0.45	ppb
Molybdenum	94-1	0.17	0.18	0.16	0.17	7.58	ppb
Molybdenum	95-1	0.16	0.18	0.21	0.18	12.20	ppb
Molybdenum	96-1	0.16	0.20	0.18	0.18	9.88	ppb
Molybdenum	97-1	0.16	0.19	0.18	0.18	8.96	ppb
Molybdenum	98-1	0.14	0.20	0.16	0.17	18.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.71	8.02	7.85	7.86	1.97	ppb
Phosphorus	31-2	3.02	3.57	5.60	4.06	33.38	ppb
Potassium	39-2	222.29	212.81	216.85	217.32	2.19	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	0.65	-0.27	0.81	0.40	148.01	ppb
Selenium	77-2	0.82	1.43	1.83	1.36	37.54	ppb
Selenium	78-2	0.46	0.29	0.34	0.36	24.58	ppb
Silicon	28-1	123.85	128.08	125.99	125.97	1.68	ppb
Silver	107-1	0.07	0.07	0.06	0.07	7.75	ppb
Silver	109-1	0.07	0.08	0.06	0.07	15.34	ppb
Sodium	23-2	2368.87	2362.31	2408.72	2379.97	1.06	ppb
Strontium	86-1	108.38	112.86	112.94	111.39	2.34	ppb
Strontium	88-1	108.63	113.69	113.77	112.03	2.63	ppb
Sulfur	34-1	31896.55	32883.54	31961.65	32247.25	1.71	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	0.17	0.17	0.14	0.16	9.90	ppb
Thallium	205-1	0.15	0.16	0.15	0.15	3.81	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-01DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:40:00	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.21	0.19	0.17	0.19	9.29	ppb
Titanium	47-1	0.58	0.70	0.62	0.64	9.78	ppb
Uranium	238-1	0.06	0.07	0.06	0.06	6.46	ppb
Vanadium	51-2	0.08	0.09	0.08	0.08	4.38	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	5532.93	5631.16	5586.67	5583.59	0.88	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	85.52	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	102.59	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-02DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50D	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:42:47	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1421.52	1429.40	1426.30	1425.74	0.28	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	30.21	ppb
Arsenic	75-2	0.25	0.19	0.19	0.21	15.93	ppb
Barium	135-1	7.93	8.64	8.42	8.33	4.34	ppb
Barium	137-1	8.26	8.51	8.70	8.49	2.62	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	111.15	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	60.51	65.69	65.46	63.89	4.58	ppb
Boron	11-1	62.59	67.74	67.81	66.05	4.53	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	18.79	19.70	20.03	19.51	3.30	ppb
Cadmium	106-1	16.73	15.08	16.47	16.09	5.51	ppb
Cadmium	108-1	15.90	17.89	17.17	16.99	5.95	ppb
Calcium	43-1	21415.75	22344.33	22537.81	22099.29	2.71	ppb
Calcium	44-1	20221.64	20862.67	21289.46	20791.26	2.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.37	0.38	0.37	2.36	ppb
Cobalt	59-2	6.24	6.30	6.26	6.27	0.47	ppb
Copper	63-2	1355.09	1370.73	1368.11	1364.65	0.61	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				108		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	1453.90	1483.17	1468.37	1468.48	1.00	ppb
Iron	57-2	1738.20	1776.59	1745.67	1753.48	1.16	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-02DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50D	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:42:47	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1529.23	1556.42	1551.15	1545.60	0.93	ppb
Krypton	83-1						cps
Lead	206-1	2.24	2.41	2.43	2.36	4.30	ppb
Lead	207-1	2.09	2.31	2.27	2.22	5.31	ppb
Lead	208-1	2.22	2.30	2.37	2.30	3.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	6657.25	6780.17	6592.73	6676.72	1.43	ppb
Manganese	55-2	314.59	318.97	314.03	315.86	0.86	ppb
Molybdenum	94-1	0.10	0.14	0.11	0.12	18.59	ppb
Molybdenum	95-1	0.14	0.15	0.16	0.15	7.36	ppb
Molybdenum	96-1	0.12	0.12	0.15	0.13	11.76	ppb
Molybdenum	97-1	0.14	0.14	0.16	0.15	5.69	ppb
Molybdenum	98-1	0.12	0.17	0.14	0.15	15.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.62	7.87	7.67	7.72	1.75	ppb
Phosphorus	31-2	10.29	2.81	2.11	5.07	89.53	ppb
Potassium	39-2	215.42	215.35	218.96	216.57	0.95	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	0.22	-0.34	-0.04	-0.06		ppb
Selenium	77-2	0.41	2.03	0.41	0.95	98.06	ppb
Selenium	78-2	0.13	0.78	1.28	0.73	79.26	ppb
Silicon	28-1	122.62	125.14	124.49	124.08	1.06	ppb
Silver	107-1	0.05	0.04	0.04	0.04	10.65	ppb
Silver	109-1	0.03	0.04	0.03	0.03	22.20	ppb
Sodium	23-2	2338.54	2408.92	2383.79	2377.08	1.50	ppb
Strontium	86-1	107.87	108.86	111.56	109.43	1.75	ppb
Strontium	88-1	108.20	111.28	111.66	110.38	1.72	ppb
Sulfur	34-1	30887.30	31931.35	31146.94	31321.86	1.74	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.12	0.15	0.10	0.12	18.83	ppb
Thallium	205-1	0.14	0.13	0.13	0.13	3.80	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-02DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50D	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:42:47	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	1.07	0.22	0.26	0.51	93.70	ppb
Titanium	47-1	0.56	0.57	0.64	0.59	7.02	ppb
Uranium	238-1	0.07	0.06	0.07	0.07	4.09	ppb
Vanadium	51-2	0.08	0.08	0.08	0.08	2.19	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	5658.90	5581.96	5534.96	5591.94	1.12	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	45.46	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	86.06	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	YBF50L	Dilution Factor :	25
Date & Time Acquired :	2022-10-02 17:45:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	281.56	282.34	279.76	281.22	0.47	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	30.64	ppb
Arsenic	75-2	0.03	0.03	0.05	0.04	23.04	ppb
Barium	135-1	1.65	1.76	1.72	1.71	3.11	ppb
Barium	137-1	1.52	1.63	1.62	1.59	3.84	ppb
Beryllium	9-1	-0.01	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	13.55	14.48	15.45	14.49	6.58	ppb
Boron	11-1	14.20	14.83	15.08	14.71	3.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	3.84	3.97	3.99	3.93	2.02	ppb
Cadmium	106-1	4.27	3.67	4.48	4.14	10.10	ppb
Cadmium	108-1	3.40	2.76	3.56	3.24	13.15	ppb
Calcium	43-1	4235.89	4426.66	4398.44	4353.66	2.37	ppb
Calcium	44-1	3962.96	4148.62	4177.97	4096.52	2.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.07	0.05	0.06	22.13	ppb
Cobalt	59-2	1.17	1.15	1.20	1.17	2.17	ppb
Copper	63-2	267.42	267.39	268.40	267.74	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	296.97	298.92	300.17	298.69	0.54	ppb
Iron	57-2	342.81	338.43	347.36	342.87	1.30	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	YBF50L	Dilution Factor :	25
Date & Time Acquired :	2022-10-02 17:45:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	300.90	302.60	303.90	302.47	0.50	ppb
Krypton	83-1						cps
Lead	206-1	0.54	0.58	0.54	0.55	3.96	ppb
Lead	207-1	0.49	0.52	0.53	0.51	4.06	ppb
Lead	208-1	0.50	0.52	0.49	0.50	3.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	1303.81	1295.85	1319.79	1306.48	0.93	ppb
Manganese	55-2	61.91	62.05	62.29	62.08	0.31	ppb
Molybdenum	94-1	0.02	0.01	0.00	0.01	64.53	ppb
Molybdenum	95-1	0.05	0.05	0.03	0.04	18.19	ppb
Molybdenum	96-1	0.03	0.05	0.05	0.04	26.57	ppb
Molybdenum	97-1	0.05	0.05	0.06	0.05	14.97	ppb
Molybdenum	98-1	0.05	0.03	0.05	0.04	25.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.64	1.59	1.61	1.61	1.63	ppb
Phosphorus	31-2	4.23	0.62	-13.05	-2.74		ppb
Potassium	39-2	34.82	36.88	41.73	37.81	9.39	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	-0.62	-0.46	-0.13	-0.40		ppb
Selenium	77-2	0.00	0.00	0.42	0.14	173.21	ppb
Selenium	78-2	0.39	-0.21	0.15	0.11	270.28	ppb
Silicon	28-1	24.32	25.68	25.38	25.13	2.86	ppb
Silver	107-1	0.03	0.02	0.01	0.02	47.48	ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.13	ppb
Sodium	23-2	478.74	469.72	475.62	474.69	0.97	ppb
Strontium	86-1	21.13	21.77	21.82	21.57	1.77	ppb
Strontium	88-1	21.18	22.14	22.05	21.79	2.44	ppb
Sulfur	34-1	4147.09	4359.45	4105.20	4203.91	3.24	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.04	0.05	0.04	12.82	ppb
Thallium	205-1	0.04	0.05	0.06	0.05	20.96	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	YBF50L	Dilution Factor :	25
Date & Time Acquired :	2022-10-02 17:45:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.30	0.37	0.28	0.31	14.64	ppb
Titanium	47-1	0.14	0.13	0.18	0.15	18.23	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	75.55	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	45.36	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	1088.57	1086.84	1095.67	1090.36	0.43	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-03DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50S	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:48:23	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1813.24	1799.85	1791.91	1801.67	0.60	ppb
Antimony	121-1	21.55	21.63	21.63	21.61	0.23	ppb
Arsenic	75-2	8.40	8.60	8.34	8.45	1.61	ppb
Barium	135-1	403.83	411.68	412.84	409.45	1.20	ppb
Barium	137-1	410.04	410.32	413.74	411.37	0.50	ppb
Beryllium	9-1	9.77	9.99	9.92	9.90	1.16	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	61.55	64.74	65.66	63.98	3.38	ppb
Boron	11-1	63.54	65.71	67.23	65.50	2.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	29.19	30.44	30.53	30.05	2.49	ppb
Cadmium	106-1	23.69	25.56	27.03	25.43	6.58	ppb
Cadmium	108-1	26.46	26.74	25.87	26.36	1.68	ppb
Calcium	43-1	21827.42	22207.46	22289.15	22108.01	1.11	ppb
Calcium	44-1	20731.95	20847.84	20991.97	20857.25	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.25	41.58	41.81	41.88	0.81	ppb
Cobalt	59-2	112.67	111.16	111.02	111.62	0.82	ppb
Copper	63-2	1426.60	1404.69	1391.71	1407.67	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				109		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	1729.63	1710.97	1691.44	1710.68	1.12	ppb
Iron	57-2	2011.11	1986.73	1990.25	1996.03	0.66	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-03DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50S	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:48:23	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1829.12	1817.53	1811.58	1819.41	0.49	ppb
Krypton	83-1						cps
Lead	206-1	6.31	6.12	6.39	6.27	2.23	ppb
Lead	207-1	5.86	5.89	5.99	5.92	1.18	ppb
Lead	208-1	5.98	6.01	6.12	6.04	1.19	ppb
Lithium	6-1				98		%
Magnesium	24-2	6605.65	6539.51	6525.50	6556.89	0.65	ppb
Manganese	55-2	418.15	413.71	410.31	414.05	0.95	ppb
Molybdenum	94-1	8.44	8.48	8.58	8.50	0.87	ppb
Molybdenum	95-1	10.36	10.37	10.53	10.42	0.90	ppb
Molybdenum	96-1	10.15	10.16	10.10	10.14	0.33	ppb
Molybdenum	97-1	10.25	10.28	10.58	10.37	1.75	ppb
Molybdenum	98-1	10.24	10.29	10.33	10.29	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.82	113.85	113.54	114.40	1.08	ppb
Phosphorus	31-2	-0.49	-4.69	15.79	3.53	306.14	ppb
Potassium	39-2	210.29	209.08	207.45	208.94	0.68	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	20.31	21.18	21.39	20.96	2.73	ppb
Selenium	77-2	23.08	25.88	20.29	23.09	12.11	ppb
Selenium	78-2	20.70	19.99	21.51	20.73	3.68	ppb
Silicon	28-1	122.84	125.37	123.77	123.99	1.03	ppb
Silver	107-1	9.49	10.05	10.51	10.02	5.09	ppb
Silver	109-1	9.34	10.23	10.51	10.03	6.10	ppb
Sodium	23-2	2385.79	2340.92	2371.00	2365.90	0.97	ppb
Strontium	86-1	136.39	137.61	138.09	137.36	0.64	ppb
Strontium	88-1	136.92	138.54	138.71	138.06	0.72	ppb
Sulfur	34-1	31129.29	31142.36	30644.46	30972.04	0.92	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	9.82	10.09	10.01	9.97	1.41	ppb
Thallium	205-1	9.87	10.07	10.21	10.05	1.68	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-03DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50S	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:48:23	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.25	0.28	0.66	0.39	57.79	ppb
Titanium	47-1	0.66	0.72	0.59	0.66	10.06	ppb
Uranium	238-1	33.66	34.48	33.97	34.03	1.22	ppb
Vanadium	51-2	103.90	102.27	103.40	103.19	0.81	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	5615.75	5632.51	5556.51	5601.59	0.71	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	389.36	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	PB147699BL	Instrumnet Name :	P7
Client Sample ID :	PB147699BL	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:57:37	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.31	0.11	0.21	45.58	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	78.52	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.01	0.01	0.01	0.01	30.84	ppb
Barium	137-1	-0.01	0.03	0.01	0.01	278.16	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	0.80	0.66	0.71	0.72	9.25	ppb
Boron	11-1	0.65	0.63	0.59	0.62	5.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.21	-0.35	-0.23	-0.27		ppb
Cadmium	106-1	-2.80	-4.61	-3.02	-3.48		ppb
Cadmium	108-1	-0.12	-0.14	-0.09	-0.12		ppb
Calcium	43-1	0.61	1.89	-1.36	0.38	430.47	ppb
Calcium	44-1	2.54	2.58	3.34	2.82	15.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	0.00	0.00	452.74	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.17	0.15	0.13	0.15	13.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	0.28	0.19	0.27	0.25	21.00	ppb
Iron	57-2	-0.92	1.25	1.40	0.58	225.47	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	PB147699BL	Instrumnet Name :	P7
Client Sample ID :	PB147699BL	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:57:37	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.08	0.92	-0.04	0.27	212.15	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.03	0.04	35.76	ppb
Lead	207-1	0.04	0.04	0.03	0.03	10.11	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.16	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.08	0.89	0.78	0.92	16.43	ppb
Manganese	55-2	0.03	0.04	0.05	0.04	22.36	ppb
Molybdenum	94-1	-0.01	-0.04	-0.01	-0.02		ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	51.42	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	67.58	ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	91.11	ppb
Molybdenum	98-1	0.00	0.02	0.01	0.01	89.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.05	0.05	0.03	152.23	ppb
Phosphorus	31-2	1.54	5.31	-4.77	0.70	732.66	ppb
Potassium	39-2	-4.80	-3.51	-3.63	-3.98		ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	-0.15	-0.03	-0.37	-0.18		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.52	-0.35	-0.02	-0.30		ppb
Silicon	28-1	-0.05	-0.08	-0.09	-0.07		ppb
Silver	107-1	0.02	0.02	0.01	0.02	17.63	ppb
Silver	109-1	0.02	0.02	0.01	0.02	22.33	ppb
Sodium	23-2	6.99	6.48	6.79	6.75	3.78	ppb
Strontium	86-1	0.09	0.01	0.02	0.04	107.72	ppb
Strontium	88-1	0.02	0.03	0.03	0.03	35.02	ppb
Sulfur	34-1	-1612.71	-1733.69	-1671.96	-1672.79		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.01	0.01	0.01	42.09	ppb
Thallium	205-1	0.01	0.02	0.02	0.01	22.74	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	PB147699BL	Instrumnet Name :	P7
Client Sample ID :	PB147699BL	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:57:37	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.47	0.34	0.32	0.38	21.92	ppb
Titanium	47-1	0.02	0.00	0.01	0.01	90.98	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.00	-0.01		ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	-0.60	-0.60	-0.70	-0.63		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	384.76	ppb
Zirconium	91-1	-0.01	-0.02	-0.01	-0.01		ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	PB147699BS	Instrumnet Name :	P7
Client Sample ID :	PB147699BS	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:00:29	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9949.71	9896.56	9773.45	9873.24	0.92	ppb
Antimony	121-1	442.57	520.03	513.10	491.90	8.71	ppb
Arsenic	75-2	497.81	489.50	488.02	491.78	1.07	ppb
Barium	135-1	2212.80	2544.56	2575.49	2444.28	8.23	ppb
Barium	137-1	2169.17	2541.43	2534.48	2415.03	8.82	ppb
Beryllium	9-1	418.35	474.74	499.98	464.36	9.00	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	401.32	478.28	504.89	461.50	11.65	ppb
Boron	11-1	406.90	484.72	509.24	466.95	11.44	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	444.17	525.26	519.10	496.18	9.10	ppb
Cadmium	106-1	445.28	529.35	509.17	494.60	8.87	ppb
Cadmium	108-1	441.63	520.33	512.97	491.64	8.84	ppb
Calcium	43-1	50562.67	57239.87	58972.60	55591.71	7.99	ppb
Calcium	44-1	46263.38	54103.79	54643.18	51670.12	9.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.16	497.39	503.13	500.23	0.57	ppb
Cobalt	59-2	497.93	504.51	503.16	501.87	0.69	ppb
Copper	63-2	5015.49	5056.95	5026.41	5032.95	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	26142.28	26464.85	26504.39	26370.51	0.75	ppb
Iron	57-2	26086.10	26160.49	25982.41	26076.33	0.34	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	PB147699BS	Instrumnet Name :	P7
Client Sample ID :	PB147699BS	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:00:29	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26247.82	26652.29	26475.61	26458.57	0.77	ppb
Krypton	83-1						cps
Lead	206-1	2179.50	2539.65	2551.10	2423.41	8.72	ppb
Lead	207-1	2131.94	2493.53	2518.78	2381.42	9.09	ppb
Lead	208-1	2146.88	2484.12	2524.47	2385.16	8.69	ppb
Lithium	6-1				101		%
Magnesium	24-2	49382.36	49500.22	48434.58	49105.72	1.19	ppb
Manganese	55-2	5026.83	5039.78	5056.50	5041.04	0.30	ppb
Molybdenum	94-1	4285.87	5054.63	5085.11	4808.54	9.42	ppb
Molybdenum	95-1	4242.07	5075.10	5089.38	4802.18	10.10	ppb
Molybdenum	96-1	4226.94	4986.80	5050.67	4754.80	9.64	ppb
Molybdenum	97-1	4277.24	4995.21	5113.90	4795.45	9.44	ppb
Molybdenum	98-1	4227.50	5050.49	5066.40	4781.46	10.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.02	499.92	497.40	497.78	0.40	ppb
Phosphorus	31-2	9792.76	9869.96	9796.26	9819.66	0.44	ppb
Potassium	39-2	24650.18	24578.64	24968.81	24732.54	0.84	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				114		%
Scandium	45-2				107		%
Selenium	82-1	433.24	498.96	505.93	479.38	8.37	ppb
Selenium	77-2	492.79	488.02	484.71	488.51	0.83	ppb
Selenium	78-2	502.61	491.85	501.25	498.57	1.18	ppb
Silicon	28-1	433.72	487.87	497.64	473.08	7.28	ppb
Silver	107-1	449.99	526.15	521.39	499.17	8.55	ppb
Silver	109-1	449.14	530.64	520.21	499.99	8.87	ppb
Sodium	23-2	51955.81	52613.31	51869.00	52146.04	0.78	ppb
Strontium	86-1	10664.60	12530.90	12481.14	11892.21	8.94	ppb
Strontium	88-1	10830.98	12502.57	12593.42	11975.66	8.29	ppb
Sulfur	34-1	5580.46	9383.91	9160.68	8041.68	26.54	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	443.85	500.04	507.81	483.90	7.21	ppb
Thallium	205-1	443.73	503.39	511.57	486.23	7.62	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	PB147699BS	Instrumnet Name :	P7
Client Sample ID :	PB147699BS	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:00:29	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	445.00	524.07	523.46	497.51	9.14	ppb
Titanium	47-1	4269.03	5000.87	5034.70	4768.20	9.07	ppb
Uranium	238-1	397.18	471.15	478.23	448.85	10.00	ppb
Vanadium	51-2	494.63	502.94	500.34	499.30	0.85	ppb
Yttrium	89-1				116		%
Yttrium	89-2				109		%
Zinc	66-2	5053.56	5108.13	5092.05	5084.58	0.55	ppb
Zirconium	90-1	426.72	502.52	505.06	478.10	9.31	ppb
Zirconium	91-1	423.87	506.98	507.90	479.58	10.06	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01	Instrumnet Name :	P7
Client Sample ID :	MW-1R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:03:06	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	706.78	710.16	711.25	709.40	0.33	ppb
Antimony	121-1	0.59	0.57	0.59	0.58	1.36	ppb
Arsenic	75-2	1.86	1.96	1.76	1.86	5.49	ppb
Barium	135-1	50.27	51.57	51.94	51.26	1.71	ppb
Barium	137-1	49.80	51.26	52.32	51.13	2.48	ppb
Beryllium	9-1	0.40	0.39	0.40	0.39	1.01	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	13.45	13.81	12.81	13.36	3.76	ppb
Boron	11-1	13.82	13.27	12.61	13.23	4.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.48	0.60	0.49	0.52	12.37	ppb
Cadmium	106-1	0.63	1.92	1.06	1.21	54.42	ppb
Cadmium	108-1	0.41	0.26	0.50	0.39	31.28	ppb
Calcium	43-1	7581.93	7973.54	8071.68	7875.72	3.29	ppb
Calcium	44-1	7131.94	7595.49	7499.96	7409.13	3.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.21	7.34	7.20	7.25	1.07	ppb
Cobalt	59-2	3.07	3.17	3.12	3.12	1.56	ppb
Copper	63-2	6.68	6.72	6.40	6.60	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	131.73	134.33	133.80	133.29	1.03	ppb
Iron	57-2	227.48	230.84	234.75	231.02	1.58	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01	Instrumnet Name :	P7
Client Sample ID :	MW-1R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:03:06	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	143.07	143.08	141.05	142.40	0.82	ppb
Krypton	83-1						cps
Lead	206-1	1.54	1.64	1.48	1.55	5.29	ppb
Lead	207-1	1.41	1.50	1.41	1.44	3.67	ppb
Lead	208-1	1.46	1.54	1.43	1.48	4.02	ppb
Lithium	6-1				96		%
Magnesium	24-2	1815.48	1818.52	1800.21	1811.40	0.54	ppb
Manganese	55-2	49.55	50.14	49.85	49.85	0.59	ppb
Molybdenum	94-1	1.31	1.45	1.41	1.39	4.92	ppb
Molybdenum	95-1	1.13	1.27	1.28	1.23	6.84	ppb
Molybdenum	96-1	1.13	1.34	1.19	1.22	8.73	ppb
Molybdenum	97-1	1.07	1.33	1.24	1.22	10.97	ppb
Molybdenum	98-1	1.08	1.37	1.25	1.24	11.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.16	6.14	6.21	6.17	0.61	ppb
Phosphorus	31-2	37.99	29.35	9.28	25.54	57.67	ppb
Potassium	39-2	1863.50	1882.14	1860.81	1868.82	0.62	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	0.93	1.63	1.01	1.19	32.30	ppb
Selenium	77-2	22.34	30.07	26.53	26.31	14.70	ppb
Selenium	78-2	8.22	9.90	7.95	8.69	12.16	ppb
Silicon	28-1	79.41	84.42	83.27	82.37	3.19	ppb
Silver	107-1	0.77	0.51	0.44	0.57	30.62	ppb
Silver	109-1	0.74	0.55	0.41	0.57	29.20	ppb
Sodium	23-2	156068.82	156294.39	158274.94	156879.39	0.77	ppb
Strontium	86-1	45.55	47.39	48.49	47.15	3.15	ppb
Strontium	88-1	45.69	48.42	47.14	47.08	2.90	ppb
Sulfur	34-1	669.79	956.12	867.84	831.25	17.64	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.17	0.16	0.15	0.16	6.13	ppb
Thallium	205-1	0.18	0.18	0.16	0.17	9.03	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01	Instrumnet Name :	P7
Client Sample ID :	MW-1R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:03:06	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.38	0.44	0.46	0.43	10.54	ppb
Titanium	47-1	2.15	2.50	2.38	2.34	7.59	ppb
Uranium	238-1	0.11	0.15	0.14	0.13	13.79	ppb
Vanadium	51-2	0.37	0.33	0.36	0.35	6.10	ppb
Yttrium	89-1				124		%
Yttrium	89-2				120		%
Zinc	66-2	70.45	73.06	70.76	71.42	1.99	ppb
Zirconium	90-1	0.20	0.23	0.22	0.22	6.58	ppb
Zirconium	91-1	0.21	0.21	0.18	0.20	7.99	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01DUP	Instrumnet Name :	P7
Client Sample ID :	MW-1RDUP	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:05:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	682.94	679.82	677.16	679.97	0.43	ppb
Antimony	121-1	0.24	0.25	0.24	0.24	2.25	ppb
Arsenic	75-2	1.90	1.75	1.80	1.82	4.17	ppb
Barium	135-1	50.51	52.20	52.50	51.74	2.08	ppb
Barium	137-1	49.62	51.98	51.88	51.16	2.61	ppb
Beryllium	9-1	0.27	0.29	0.30	0.29	6.58	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	7.76	8.01	8.15	7.98	2.44	ppb
Boron	11-1	8.02	8.05	8.15	8.08	0.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.60	0.53	0.50	0.54	8.97	ppb
Cadmium	106-1	4.17	2.67	2.26	3.03	33.09	ppb
Cadmium	108-1	0.22	0.33	0.12	0.22	45.65	ppb
Calcium	43-1	7605.39	7964.41	7868.85	7812.88	2.38	ppb
Calcium	44-1	7344.90	7374.24	7418.73	7379.29	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.55	3.55	3.62	3.57	1.09	ppb
Cobalt	59-2	3.00	2.94	2.99	2.98	1.04	ppb
Copper	63-2	6.03	5.95	5.95	5.98	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	106.11	104.86	104.96	105.31	0.66	ppb
Iron	57-2	199.17	207.12	206.39	204.23	2.15	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01DUP	Instrumnet Name :	P7
Client Sample ID :	MW-1RDUP	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:05:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	110.88	109.81	113.16	111.29	1.54	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.86	0.87	0.86	0.87	ppb
Lead	207-1	0.81	0.80	0.78	0.80	2.11	ppb
Lead	208-1	0.81	0.82	0.79	0.81	2.08	ppb
Lithium	6-1				99		%
Magnesium	24-2	1779.96	1781.39	1788.12	1783.16	0.24	ppb
Manganese	55-2	47.81	48.14	48.20	48.05	0.43	ppb
Molybdenum	94-1	0.39	0.38	0.42	0.40	5.48	ppb
Molybdenum	95-1	0.25	0.32	0.28	0.28	11.38	ppb
Molybdenum	96-1	0.35	0.31	0.32	0.33	5.96	ppb
Molybdenum	97-1	0.26	0.27	0.27	0.27	1.92	ppb
Molybdenum	98-1	0.24	0.32	0.26	0.27	14.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.03	4.09	4.04	4.05	0.79	ppb
Phosphorus	31-2	30.90	17.32	22.04	23.42	29.43	ppb
Potassium	39-2	1814.77	1843.58	1832.60	1830.31	0.79	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	0.53	1.08	0.95	0.85	33.70	ppb
Selenium	77-2	26.40	26.34	31.72	28.15	10.98	ppb
Selenium	78-2	7.80	8.25	9.05	8.37	7.52	ppb
Silicon	28-1	80.80	84.78	83.84	83.14	2.50	ppb
Silver	107-1	0.11	0.10	0.09	0.10	12.17	ppb
Silver	109-1	0.11	0.10	0.10	0.11	5.96	ppb
Sodium	23-2	154297.25	154179.97	157777.35	155418.19	1.32	ppb
Strontium	86-1	44.78	45.77	46.23	45.60	1.63	ppb
Strontium	88-1	44.25	45.83	45.54	45.21	1.86	ppb
Sulfur	34-1	735.77	916.51	782.32	811.53	11.56	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.09	0.06	0.07	20.69	ppb
Thallium	205-1	0.08	0.05	0.05	0.06	25.75	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01DUP	Instrumnet Name :	P7
Client Sample ID :	MW-1RDUP	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:05:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.13	0.11	0.14	0.13	11.55	ppb
Titanium	47-1	1.20	1.45	1.37	1.34	9.70	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	8.70	ppb
Vanadium	51-2	0.32	0.31	0.33	0.32	3.12	ppb
Yttrium	89-1				124		%
Yttrium	89-2				122		%
Zinc	66-2	64.29	64.88	64.71	64.63	0.46	ppb
Zirconium	90-1	0.11	0.11	0.12	0.11	5.88	ppb
Zirconium	91-1	0.08	0.12	0.11	0.10	19.81	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01LX5	Instrumnet Name :	P7
Client Sample ID :	MW-1RL	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 18:08:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	134.69	133.24	133.23	133.72	0.63	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	6.17	ppb
Arsenic	75-2	0.33	0.49	0.37	0.40	20.86	ppb
Barium	135-1	9.90	10.19	9.94	10.01	1.56	ppb
Barium	137-1	9.92	10.23	10.17	10.11	1.64	ppb
Beryllium	9-1	0.03	0.06	0.05	0.04	37.26	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	2.79	2.79	2.97	2.85	3.57	ppb
Boron	11-1	2.76	2.83	2.82	2.80	1.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.23	0.19	0.04	0.16	64.47	ppb
Cadmium	106-1	1.99	1.39	-0.50	0.96	134.95	ppb
Cadmium	108-1	-0.02	-0.05	-0.08	-0.05		ppb
Calcium	43-1	1501.56	1596.66	1567.73	1555.32	3.13	ppb
Calcium	44-1	1490.95	1538.84	1548.42	1526.07	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.05	1.06	1.10	1.07	2.16	ppb
Cobalt	59-2	0.61	0.59	0.56	0.59	4.29	ppb
Copper	63-2	1.35	1.34	1.33	1.34	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	23.56	23.04	23.59	23.40	1.31	ppb
Iron	57-2	41.39	39.53	39.32	40.08	2.84	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01LX5	Instrumnet Name :	P7
Client Sample ID :	MW-1RL	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 18:08:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	22.81	24.13	25.09	24.01	4.75	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.29	0.32	0.29	10.54	ppb
Lead	207-1	0.25	0.25	0.25	0.25	0.34	ppb
Lead	208-1	0.25	0.26	0.28	0.26	5.33	ppb
Lithium	6-1				100		%
Magnesium	24-2	353.60	344.96	350.65	349.74	1.26	ppb
Manganese	55-2	10.05	9.81	9.84	9.90	1.32	ppb
Molybdenum	94-1	0.09	0.10	0.11	0.10	12.55	ppb
Molybdenum	95-1	0.06	0.10	0.07	0.08	21.32	ppb
Molybdenum	96-1	0.08	0.09	0.08	0.08	7.74	ppb
Molybdenum	97-1	0.05	0.07	0.08	0.07	25.08	ppb
Molybdenum	98-1	0.06	0.08	0.08	0.07	17.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.09	1.02	1.07	3.76	ppb
Phosphorus	31-2	18.86	6.06	8.57	11.16	60.76	ppb
Potassium	39-2	462.58	446.06	449.78	452.81	1.91	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	-0.05	0.67	0.48	0.37	102.69	ppb
Selenium	77-2	5.94	6.95	4.61	5.83	20.08	ppb
Selenium	78-2	2.24	1.99	1.91	2.05	8.50	ppb
Silicon	28-1	16.67	17.14	16.96	16.93	1.41	ppb
Silver	107-1	0.02	0.01	0.02	0.02	36.20	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.94	ppb
Sodium	23-2	31090.58	30483.58	30781.83	30785.33	0.99	ppb
Strontium	86-1	9.28	9.85	9.94	9.69	3.66	ppb
Strontium	88-1	9.48	9.79	9.98	9.75	2.56	ppb
Sulfur	34-1	-1864.16	-1805.56	-1780.18	-1816.64		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.03	0.04	0.04	9.19	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.22	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01LX5	Instrumnet Name :	P7
Client Sample ID :	MW-1RL	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 18:08:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.26	0.80	0.48	0.51	53.48	ppb
Titanium	47-1	0.26	0.21	0.37	0.28	28.52	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.07	0.06	0.06	0.06	7.51	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	13.32	12.65	13.28	13.09	2.89	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	33.85	ppb
Zirconium	91-1	0.00	0.03	0.02	0.02	76.23	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:14:15	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49811.50	49793.77	49020.15	49541.81	0.91	ppb
Antimony	121-1	535.89	543.06	526.67	535.21	1.54	ppb
Arsenic	75-2	497.95	489.83	500.24	496.01	1.10	ppb
Barium	135-1	2668.98	2682.55	2681.45	2677.66	0.28	ppb
Barium	137-1	2684.73	2685.14	2634.07	2667.98	1.10	ppb
Beryllium	9-1	507.80	514.36	519.95	514.04	1.18	ppb
Bismuth	209-1				88		%
Bismuth	209-2				93		%
Boron	10-1	209.57	224.95	217.01	217.18	3.54	ppb
Boron	11-1	216.04	224.27	220.17	220.16	1.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	559.61	563.68	546.09	556.46	1.65	ppb
Cadmium	106-1	546.86	543.71	538.49	543.02	0.78	ppb
Cadmium	108-1	555.54	559.82	544.94	553.43	1.38	ppb
Calcium	43-1	267831.61	267857.31	255549.60	263746.17	2.69	ppb
Calcium	44-1	259403.05	264692.54	254856.66	259650.75	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.43	509.62	501.67	505.57	0.79	ppb
Cobalt	59-2	498.27	499.12	494.34	497.24	0.51	ppb
Copper	63-2	5117.18	5133.35	5159.71	5136.75	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	56-2	126709.45	127404.44	126651.06	126921.65	0.33	ppb
Iron	57-2	126447.16	128274.45	127755.49	127492.37	0.74	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:14:15	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	126857.74	127894.60	128683.79	127812.04	0.72	ppb
Krypton	83-1						cps
Lead	206-1	2768.36	2774.18	2677.46	2740.00	1.98	ppb
Lead	207-1	2682.54	2732.68	2652.86	2689.36	1.50	ppb
Lead	208-1	2704.55	2743.71	2656.09	2701.45	1.62	ppb
Lithium	6-1				93		%
Magnesium	24-2	248273.69	246501.18	247626.36	247467.08	0.36	ppb
Manganese	55-2	4943.98	4963.91	5016.95	4974.95	0.76	ppb
Molybdenum	94-1	5287.95	5324.17	5241.33	5284.48	0.79	ppb
Molybdenum	95-1	5334.99	5361.45	5317.17	5337.87	0.42	ppb
Molybdenum	96-1	5339.87	5395.74	5268.65	5334.75	1.19	ppb
Molybdenum	97-1	5296.66	5393.32	5234.71	5308.23	1.51	ppb
Molybdenum	98-1	5262.48	5294.36	5259.62	5272.16	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.33	508.97	504.40	505.90	0.53	ppb
Phosphorus	31-2	10360.62	10273.54	10298.06	10310.74	0.44	ppb
Potassium	39-2	124530.97	124592.11	124414.39	124512.49	0.07	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	537.49	543.72	524.78	535.33	1.80	ppb
Selenium	77-2	531.15	513.16	518.85	521.05	1.76	ppb
Selenium	78-2	518.41	509.27	524.09	517.26	1.45	ppb
Silicon	28-1	166.79	169.60	160.50	165.63	2.81	ppb
Silver	107-1	554.03	563.39	547.92	555.11	1.40	ppb
Silver	109-1	554.31	567.67	553.31	558.43	1.44	ppb
Sodium	23-2	248340.01	250284.39	246936.07	248520.16	0.68	ppb
Strontium	86-1	13130.92	13031.78	13082.40	13081.70	0.38	ppb
Strontium	88-1	13107.41	13302.44	13161.90	13190.58	0.76	ppb
Sulfur	34-1	8293.64	8150.90	7441.43	7961.99	5.73	ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	555.13	554.44	541.11	550.23	1.44	ppb
Thallium	205-1	552.88	551.81	546.63	550.44	0.61	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:14:15	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	546.03	538.78	534.67	539.82	1.07	ppb
Titanium	47-1	5255.09	5323.46	5184.15	5254.23	1.33	ppb
Uranium	238-1	536.86	549.41	528.28	538.18	1.98	ppb
Vanadium	51-2	524.56	516.44	517.54	519.51	0.85	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	5287.95	5189.37	5197.70	5225.01	1.05	ppb
Zirconium	90-1	519.07	526.75	509.18	518.34	1.70	ppb
Zirconium	91-1	506.21	526.88	515.00	516.03	2.01	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:23:15	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.13	1.16	0.79	1.03	19.57	ppb
Antimony	121-1	0.06	0.11	0.10	0.09	26.08	ppb
Arsenic	75-2	0.02	0.02	0.01	0.02	44.16	ppb
Barium	135-1	0.03	0.10	0.05	0.06	54.04	ppb
Barium	137-1	0.03	0.09	0.10	0.08	51.93	ppb
Beryllium	9-1	0.00	0.01	0.04	0.02	98.63	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	1.04	1.32	1.05	1.14	14.01	ppb
Boron	11-1	1.28	1.16	1.22	1.22	4.95	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.33	-0.30	-0.24	-0.29		ppb
Cadmium	106-1	-4.58	-4.12	-3.35	-4.02		ppb
Cadmium	108-1	-0.11	-0.01	-0.01	-0.05		ppb
Calcium	43-1	7.80	9.80	8.20	8.60	12.29	ppb
Calcium	44-1	6.73	7.38	8.27	7.46	10.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.03	0.02	32.84	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.23	0.19	0.19	0.20	9.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	56-2	3.46	3.10	2.85	3.14	9.72	ppb
Iron	57-2	2.23	-0.58	2.37	1.34	123.85	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:23:15	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.95	2.50	3.19	3.21	22.58	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.18	0.17	0.15	23.38	ppb
Lead	207-1	0.11	0.14	0.14	0.13	15.88	ppb
Lead	208-1	0.12	0.14	0.15	0.14	10.19	ppb
Lithium	6-1				100		%
Magnesium	24-2	6.38	6.00	5.47	5.95	7.68	ppb
Manganese	55-2	0.14	0.21	0.14	0.17	22.40	ppb
Molybdenum	94-1	0.12	0.29	0.24	0.21	41.68	ppb
Molybdenum	95-1	0.17	0.29	0.22	0.23	25.98	ppb
Molybdenum	96-1	0.15	0.22	0.21	0.19	20.36	ppb
Molybdenum	97-1	0.14	0.26	0.27	0.23	31.04	ppb
Molybdenum	98-1	0.14	0.24	0.22	0.20	25.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.06	0.06	0.07	13.85	ppb
Phosphorus	31-2	3.81	-1.81	-16.45	-4.82		ppb
Potassium	39-2	-0.90	-2.18	-3.76	-2.28		ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	-0.79	0.12	0.22	-0.15		ppb
Selenium	77-2	0.20	0.00	0.00	0.07	173.21	ppb
Selenium	78-2	-0.15	0.27	0.34	0.15	169.94	ppb
Silicon	28-1	0.16	0.04	-0.07	0.04	279.72	ppb
Silver	107-1	0.04	0.05	0.04	0.04	11.96	ppb
Silver	109-1	0.04	0.04	0.03	0.04	10.57	ppb
Sodium	23-2	31.03	29.57	27.37	29.33	6.28	ppb
Strontium	86-1	0.33	0.60	0.46	0.46	28.24	ppb
Strontium	88-1	0.29	0.53	0.56	0.46	31.17	ppb
Sulfur	34-1	-1639.70	-1869.63	-1950.04	-1819.79		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.04	0.04	0.04	14.13	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	1.63	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:23:15	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.46	0.36	0.32	0.38	19.09	ppb
Titanium	47-1	0.11	0.24	0.19	0.18	33.89	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	125.43	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	93.11	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	-0.74	-0.93	-0.76	-0.81		ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	31.14	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	57.97	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-02	Instrumnet Name :	P7
Client Sample ID :	MW-2R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:37:41	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5107.04	5177.99	5129.52	5138.18	0.71	ppb
Antimony	121-1	0.05	0.05	0.04	0.05	10.17	ppb
Arsenic	75-2	6.04	6.13	6.27	6.15	1.88	ppb
Barium	135-1	90.49	88.37	90.27	89.71	1.30	ppb
Barium	137-1	90.98	88.11	89.49	89.52	1.60	ppb
Beryllium	9-1	0.98	1.03	1.07	1.03	4.34	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Boron	10-1	15.94	16.85	17.02	16.60	3.50	ppb
Boron	11-1	16.06	17.05	17.11	16.74	3.53	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.01	1.95	2.00	1.99	1.58	ppb
Cadmium	106-1	19.42	18.03	18.95	18.80	3.75	ppb
Cadmium	108-1	0.61	0.42	0.63	0.55	21.25	ppb
Calcium	43-1	21782.53	21654.78	21592.02	21676.45	0.45	ppb
Calcium	44-1	20537.77	20641.82	20503.57	20561.05	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.76	0.73	0.75	0.75	2.07	ppb
Cobalt	59-2	9.68	9.63	9.84	9.72	1.11	ppb
Copper	63-2	3.41	3.49	3.63	3.51	3.06	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				104		%
Holmium	165-2				108		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	20.31	21.41	20.51	20.75	2.80	ppb
Iron	57-2	296.34	302.78	314.34	304.49	2.99	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-02	Instrumnet Name :	P7
Client Sample ID :	MW-2R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:37:41	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	22.03	25.89	24.25	24.06	8.06	ppb
Krypton	83-1						cps
Lead	206-1	1.30	1.11	1.01	1.14	13.30	ppb
Lead	207-1	1.21	0.97	0.88	1.02	16.57	ppb
Lead	208-1	1.27	1.05	0.94	1.09	15.12	ppb
Lithium	6-1				94		%
Magnesium	24-2	3924.95	3979.99	3882.33	3929.09	1.25	ppb
Manganese	55-2	149.47	150.43	150.29	150.06	0.35	ppb
Molybdenum	94-1	0.02	0.06	0.05	0.04	42.80	ppb
Molybdenum	95-1	0.04	0.06	0.05	0.05	23.34	ppb
Molybdenum	96-1	0.04	0.06	0.05	0.05	17.04	ppb
Molybdenum	97-1	0.04	0.06	0.05	0.05	23.83	ppb
Molybdenum	98-1	0.03	0.06	0.03	0.04	44.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.13	4.12	4.10	4.12	0.41	ppb
Phosphorus	31-2	21.51	26.89	14.01	20.80	31.10	ppb
Potassium	39-2	2554.20	2585.24	2588.80	2576.08	0.74	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	4.12	4.56	4.38	4.35	5.12	ppb
Selenium	77-2	95.23	96.76	96.78	96.25	0.92	ppb
Selenium	78-2	30.07	33.53	32.96	32.19	5.76	ppb
Silicon	28-1	90.44	88.16	86.60	88.40	2.18	ppb
Silver	107-1	0.23	0.19	0.15	0.19	20.12	ppb
Silver	109-1	0.23	0.19	0.16	0.19	20.37	ppb
Sodium	23-2	614354.52	618346.87	612837.22	615179.54	0.46	ppb
Strontium	86-1	50.67	50.71	50.31	50.56	0.43	ppb
Strontium	88-1	51.53	52.44	51.72	51.90	0.93	ppb
Sulfur	34-1	13868.34	12075.04	11692.97	12545.45	9.26	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.12	0.13	0.12	0.13	5.31	ppb
Thallium	205-1	0.12	0.13	0.14	0.13	8.23	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-02	Instrumnet Name :	P7
Client Sample ID :	MW-2R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:37:41	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.20	-0.17	-0.22	-0.20		ppb
Titanium	47-1	0.57	0.82	0.61	0.67	20.07	ppb
Uranium	238-1	0.19	0.20	0.20	0.20	3.92	ppb
Vanadium	51-2	0.08	0.10	0.08	0.09	16.70	ppb
Yttrium	89-1				206		%
Yttrium	89-2				208		%
Zinc	66-2	72.19	73.44	72.98	72.87	0.86	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	53.68	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	150.68	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-03	Instrumnet Name :	P7
Client Sample ID :	MW-3R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:40:30	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1133.80	1136.47	1134.64	1134.97	0.12	ppb
Antimony	121-1	0.09	0.12	0.09	0.10	14.44	ppb
Arsenic	75-2	4.42	4.67	4.61	4.57	2.88	ppb
Barium	135-1	101.50	101.09	103.40	102.00	1.21	ppb
Barium	137-1	101.64	102.46	102.06	102.05	0.40	ppb
Beryllium	9-1	0.40	0.42	0.39	0.40	3.20	ppb
Bismuth	209-1				84		%
Bismuth	209-2				88		%
Boron	10-1	12.29	12.28	12.61	12.40	1.51	ppb
Boron	11-1	12.89	13.41	13.40	13.23	2.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.80	1.81	1.93	1.85	3.88	ppb
Cadmium	106-1	19.28	20.27	20.81	20.12	3.87	ppb
Cadmium	108-1	0.19	0.74	0.31	0.41	71.27	ppb
Calcium	43-1	75013.89	72995.31	73090.79	73700.00	1.55	ppb
Calcium	44-1	74839.70	72268.16	72558.70	73222.19	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.19	2.20	2.21	2.20	0.35	ppb
Cobalt	59-2	5.09	5.14	5.07	5.10	0.70	ppb
Copper	63-2	2.78	2.81	2.77	2.79	0.72	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				99		%
Holmium	165-2				104		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	18801.95	18789.29	18984.41	18858.55	0.58	ppb
Iron	57-2	19046.37	19261.87	19283.11	19197.12	0.68	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-03	Instrumnet Name :	P7
Client Sample ID :	MW-3R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:40:30	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	18858.04	19135.74	19103.26	19032.34	0.80	ppb
Krypton	83-1						cps
Lead	206-1	2.49	2.47	2.37	2.44	2.77	ppb
Lead	207-1	2.23	2.20	2.12	2.18	2.38	ppb
Lead	208-1	2.35	2.28	2.19	2.28	3.48	ppb
Lithium	6-1				93		%
Magnesium	24-2	8150.04	8121.55	8262.80	8178.13	0.91	ppb
Manganese	55-2	777.41	785.94	784.46	782.60	0.58	ppb
Molybdenum	94-1	0.19	0.21	0.18	0.19	5.72	ppb
Molybdenum	95-1	0.11	0.12	0.11	0.11	4.06	ppb
Molybdenum	96-1	0.18	0.16	0.18	0.17	4.24	ppb
Molybdenum	97-1	0.10	0.10	0.14	0.11	21.56	ppb
Molybdenum	98-1	0.07	0.10	0.09	0.09	17.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.43	3.38	3.39	3.40	0.76	ppb
Phosphorus	31-2	21.99	34.12	28.55	28.22	21.52	ppb
Potassium	39-2	8336.73	8318.59	8361.80	8339.04	0.26	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	2.77	2.19	1.47	2.14	30.41	ppb
Selenium	77-2	68.40	72.23	69.29	69.97	2.87	ppb
Selenium	78-2	24.46	25.33	25.06	24.95	1.78	ppb
Silicon	28-1	79.15	78.03	77.17	78.12	1.27	ppb
Silver	107-1	0.14	0.13	0.13	0.13	5.04	ppb
Silver	109-1	0.13	0.14	0.11	0.13	13.71	ppb
Sodium	23-2	1116047.21	1105849.69	1113001.73	1111632.88	0.47	ppb
Strontium	86-1	325.35	330.41	332.15	329.30	1.07	ppb
Strontium	88-1	330.01	326.85	329.41	328.76	0.51	ppb
Sulfur	34-1	22672.92	20720.11	20740.03	21377.69	5.25	ppb
Terbium	159-1				98		%
Terbium	159-2				105		%
Thallium	203-1	0.23	0.20	0.25	0.23	11.28	ppb
Thallium	205-1	0.24	0.24	0.23	0.24	1.74	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-03	Instrumnet Name :	P7
Client Sample ID :	MW-3R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:40:30	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.05	0.03	0.07	0.05	42.05	ppb
Titanium	47-1	1.51	1.95	1.96	1.81	14.14	ppb
Uranium	238-1	0.13	0.12	0.11	0.12	8.38	ppb
Vanadium	51-2	0.13	0.15	0.12	0.13	10.98	ppb
Yttrium	89-1				176		%
Yttrium	89-2				178		%
Zinc	66-2	447.88	447.58	449.48	448.31	0.23	ppb
Zirconium	90-1	0.08	0.08	0.06	0.07	12.05	ppb
Zirconium	91-1	0.07	0.08	0.05	0.07	23.97	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-04	Instrumnet Name :	P7
Client Sample ID :	MW-4R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:43:18	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.75	13.75	15.49	15.33	9.81	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	2.54	ppb
Arsenic	75-2	0.25	0.24	0.22	0.23	6.32	ppb
Barium	135-1	24.84	24.05	24.42	24.44	1.64	ppb
Barium	137-1	24.62	24.33	24.56	24.50	0.61	ppb
Beryllium	9-1	0.00	0.00	-0.01	-0.01		ppb
Bismuth	209-1				91		%
Bismuth	209-2				95		%
Boron	10-1	16.17	16.74	17.08	16.66	2.77	ppb
Boron	11-1	15.85	16.87	17.28	16.67	4.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.20	0.10	0.05	0.12	64.60	ppb
Cadmium	106-1	1.73	0.78	0.28	0.93	79.64	ppb
Cadmium	108-1	-0.13	0.02	0.04	-0.03		ppb
Calcium	43-1	28892.94	28442.09	28571.30	28635.45	0.81	ppb
Calcium	44-1	27178.15	26787.01	27124.39	27029.85	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.87	0.87	0.89	0.88	1.65	ppb
Cobalt	59-2	0.44	0.44	0.43	0.44	1.62	ppb
Copper	63-2	1.20	1.29	1.31	1.27	4.80	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				101		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	371.06	374.14	363.13	369.44	1.54	ppb
Iron	57-2	742.72	765.35	756.96	755.01	1.51	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-04	Instrumnet Name :	P7
Client Sample ID :	MW-4R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:43:18	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	388.49	388.60	395.52	390.87	1.03	ppb
Krypton	83-1						cps
Lead	206-1	0.60	0.50	0.46	0.52	14.30	ppb
Lead	207-1	0.50	0.43	0.44	0.46	8.19	ppb
Lead	208-1	0.53	0.47	0.44	0.48	8.90	ppb
Lithium	6-1				100		%
Magnesium	24-2	4492.01	4359.30	4438.19	4429.84	1.51	ppb
Manganese	55-2	17.75	18.03	17.73	17.84	0.93	ppb
Molybdenum	94-1	0.18	0.18	0.17	0.18	2.81	ppb
Molybdenum	95-1	0.14	0.17	0.18	0.16	12.71	ppb
Molybdenum	96-1	0.13	0.19	0.18	0.17	17.98	ppb
Molybdenum	97-1	0.14	0.13	0.17	0.15	12.91	ppb
Molybdenum	98-1	0.16	0.16	0.17	0.16	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.52	1.42	1.40	9.30	ppb
Phosphorus	31-2	34.36	23.76	29.89	29.34	18.13	ppb
Potassium	39-2	4384.40	4381.81	4405.74	4390.65	0.30	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	-0.08	0.02	-0.19	-0.08		ppb
Selenium	77-2	0.42	1.05	0.62	0.70	46.39	ppb
Selenium	78-2	0.24	0.88	0.95	0.69	57.11	ppb
Silicon	28-1	85.44	84.06	84.73	84.74	0.82	ppb
Silver	107-1	0.04	0.03	0.02	0.03	19.10	ppb
Silver	109-1	0.03	0.03	0.02	0.03	12.90	ppb
Sodium	23-2	386192.49	392030.41	394069.58	390764.16	1.05	ppb
Strontium	86-1	123.11	122.12	123.62	122.95	0.62	ppb
Strontium	88-1	125.09	124.90	125.84	125.28	0.40	ppb
Sulfur	34-1	7693.82	6796.85	8615.54	7702.07	11.81	ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.06	0.08	0.07	19.20	ppb
Thallium	205-1	0.08	0.07	0.09	0.08	13.83	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-04	Instrumnet Name :	P7
Client Sample ID :	MW-4R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:43:18	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.09	-0.11	-0.13	-0.11		ppb
Titanium	47-1	0.61	0.94	1.05	0.87	26.24	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	11.93	ppb
Vanadium	51-2	0.15	0.14	0.16	0.15	7.63	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	5.00	5.31	5.12	5.14	3.05	ppb
Zirconium	90-1	0.02	0.03	0.05	0.03	38.04	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	40.25	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-05	Instrumnet Name :	P7
Client Sample ID :	MW-5R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:46:08	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3585.56	3610.85	3645.18	3613.86	0.83	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	12.12	ppb
Arsenic	75-2	6.74	6.86	6.99	6.86	1.80	ppb
Barium	135-1	89.30	86.93	88.43	88.22	1.36	ppb
Barium	137-1	89.29	87.12	88.84	88.42	1.30	ppb
Beryllium	9-1	0.77	0.72	0.73	0.74	3.40	ppb
Bismuth	209-1				86		%
Bismuth	209-2				92		%
Boron	10-1	10.67	10.52	11.00	10.73	2.27	ppb
Boron	11-1	11.27	10.81	11.37	11.15	2.67	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	4.33	4.24	4.11	4.23	2.69	ppb
Cadmium	106-1	45.69	44.26	43.08	44.34	2.94	ppb
Cadmium	108-1	0.59	1.23	0.93	0.92	34.85	ppb
Calcium	43-1	52220.25	50629.83	50105.43	50985.17	2.16	ppb
Calcium	44-1	52219.40	50980.89	50657.62	51285.97	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.24	3.29	3.23	3.25	0.95	ppb
Cobalt	59-2	6.48	6.60	6.73	6.60	1.89	ppb
Copper	63-2	3.10	3.13	3.18	3.14	1.36	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				112		%
Indium	115-1				96		%
Indium	115-2				103		%
Iron	56-2	645.71	655.25	663.66	654.87	1.37	ppb
Iron	57-2	1362.73	1372.05	1375.60	1370.13	0.49	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-05	Instrumnet Name :	P7
Client Sample ID :	MW-5R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:46:08	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	701.56	681.47	682.11	688.38	1.66	ppb
Krypton	83-1						cps
Lead	206-1	19.76	19.43	19.04	19.41	1.86	ppb
Lead	207-1	17.44	17.08	17.20	17.24	1.06	ppb
Lead	208-1	18.28	17.89	17.82	18.00	1.39	ppb
Lithium	6-1				98		%
Magnesium	24-2	5917.29	5887.74	5943.33	5916.12	0.47	ppb
Manganese	55-2	107.58	108.38	107.98	107.98	0.37	ppb
Molybdenum	94-1	0.05	0.02	0.03	0.03	56.59	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	16.94	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	18.64	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	9.43	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	49.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.12	6.09	6.03	6.08	0.73	ppb
Phosphorus	31-2	31.02	43.03	23.74	32.60	29.89	ppb
Potassium	39-2	4575.32	4654.80	4597.37	4609.16	0.89	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	3.02	3.25	3.09	3.12	3.89	ppb
Selenium	77-2	111.70	110.78	110.84	111.11	0.46	ppb
Selenium	78-2	34.44	35.67	36.35	35.49	2.74	ppb
Silicon	28-1	90.30	88.87	88.49	89.22	1.07	ppb
Silver	107-1	0.07	0.07	0.06	0.07	14.21	ppb
Silver	109-1	0.05	0.04	0.05	0.05	8.08	ppb
Sodium	23-2	866802.59	867089.30	872200.44	868697.44	0.35	ppb
Strontium	86-1	112.41	110.77	113.58	112.25	1.26	ppb
Strontium	88-1	115.83	112.89	113.69	114.14	1.33	ppb
Sulfur	34-1	12104.54	11355.34	11327.30	11595.73	3.80	ppb
Terbium	159-1				104		%
Terbium	159-2				111		%
Thallium	203-1	0.15	0.10	0.13	0.13	18.64	ppb
Thallium	205-1	0.14	0.13	0.10	0.12	15.56	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-05	Instrumnet Name :	P7
Client Sample ID :	MW-5R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:46:08	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.34	0.38	0.46	0.39	15.47	ppb
Titanium	47-1	1.69	2.19	2.25	2.04	14.90	ppb
Uranium	238-1	0.13	0.13	0.14	0.14	2.77	ppb
Vanadium	51-2	0.13	0.18	0.14	0.15	18.37	ppb
Yttrium	89-1				266		%
Yttrium	89-2				275		%
Zinc	66-2	355.34	350.46	349.45	351.75	0.90	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	18.26	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	44.36	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-06	Instrumnet Name :	P7
Client Sample ID :	MW-6R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:48:58	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	333.15	329.85	328.63	330.54	0.71	ppb
Antimony	121-1	0.12	0.10	0.10	0.11	12.39	ppb
Arsenic	75-2	1.19	1.40	1.22	1.27	8.96	ppb
Barium	135-1	63.03	61.60	61.16	61.93	1.58	ppb
Barium	137-1	64.00	62.11	59.65	61.92	3.52	ppb
Beryllium	9-1	0.03	0.01	0.00	0.02	91.57	ppb
Bismuth	209-1				85		%
Bismuth	209-2				90		%
Boron	10-1	39.23	37.79	37.67	38.23	2.27	ppb
Boron	11-1	39.27	38.21	38.65	38.71	1.37	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.30	0.28	0.45	0.34	25.76	ppb
Cadmium	106-1	3.01	2.85	4.47	3.44	25.93	ppb
Cadmium	108-1	-0.06	0.00	-0.07	-0.04		ppb
Calcium	43-1	74426.88	70763.40	71947.49	72379.26	2.58	ppb
Calcium	44-1	74466.47	71385.38	70908.33	72253.40	2.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.23	1.31	1.27	1.27	2.93	ppb
Cobalt	59-2	3.20	3.24	3.26	3.23	0.91	ppb
Copper	63-2	2.04	2.00	2.10	2.05	2.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				101		%
Iron	56-2	10744.76	10852.88	10693.95	10763.86	0.75	ppb
Iron	57-2	11767.21	11751.17	11585.19	11701.19	0.86	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-06	Instrumnet Name :	P7
Client Sample ID :	MW-6R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:48:58	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	10941.58	11086.62	10747.04	10925.08	1.56	ppb
Krypton	83-1						cps
Lead	206-1	33.74	32.97	33.46	33.39	1.16	ppb
Lead	207-1	29.64	28.99	29.69	29.44	1.32	ppb
Lead	208-1	30.99	30.27	30.71	30.66	1.18	ppb
Lithium	6-1				97		%
Magnesium	24-2	8100.85	8197.53	8147.08	8148.49	0.59	ppb
Manganese	55-2	139.95	141.12	138.60	139.89	0.90	ppb
Molybdenum	94-1	0.24	0.25	0.24	0.24	2.08	ppb
Molybdenum	95-1	0.07	0.05	0.06	0.06	13.51	ppb
Molybdenum	96-1	0.15	0.15	0.14	0.15	3.43	ppb
Molybdenum	97-1	0.08	0.09	0.09	0.09	6.98	ppb
Molybdenum	98-1	0.09	0.04	0.05	0.06	37.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.51	1.51	1.52	1.51	0.54	ppb
Phosphorus	31-2	30.06	30.44	34.74	31.75	8.18	ppb
Potassium	39-2	9089.22	9166.91	9078.50	9111.54	0.53	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	-2.92	-4.06	-3.19	-3.39		ppb
Selenium	77-2	16.34	15.19	15.59	15.71	3.74	ppb
Selenium	78-2	9.73	7.81	7.12	8.22	16.46	ppb
Silicon	28-1	65.07	60.60	61.29	62.32	3.87	ppb
Silver	107-1	0.05	0.06	0.07	0.06	10.11	ppb
Silver	109-1	0.06	0.07	0.08	0.07	12.25	ppb
Sodium	23-2	1122332.21	1112323.64	1110445.33	1115033.73	0.57	ppb
Strontium	86-1	612.46	583.90	589.47	595.28	2.54	ppb
Strontium	88-1	614.57	586.32	585.29	595.39	2.79	ppb
Sulfur	34-1	23228.02	20598.59	20754.67	21527.10	6.85	ppb
Terbium	159-1				97		%
Terbium	159-2				102		%
Thallium	203-1	0.19	0.17	0.18	0.18	4.01	ppb
Thallium	205-1	0.19	0.18	0.20	0.19	4.17	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-06	Instrumnet Name :	P7
Client Sample ID :	MW-6R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:48:58	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.14	-0.17	-0.18	-0.16		ppb
Titanium	47-1	2.61	2.84	3.02	2.82	7.24	ppb
Uranium	238-1	0.06	0.06	0.05	0.06	3.19	ppb
Vanadium	51-2	0.15	0.16	0.15	0.15	3.38	ppb
Yttrium	89-1				112		%
Yttrium	89-2				117		%
Zinc	66-2	12.27	12.40	11.31	11.99	4.94	ppb
Zirconium	90-1	0.13	0.13	0.13	0.13	3.03	ppb
Zirconium	91-1	0.08	0.12	0.12	0.11	22.13	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-07	Instrumnet Name :	P7
Client Sample ID :	MW-7R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:51:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1207.10	1191.40	1193.95	1197.48	0.70	ppb
Antimony	121-1	0.10	0.10	0.09	0.10	4.88	ppb
Arsenic	75-2	1.40	1.34	1.53	1.42	6.61	ppb
Barium	135-1	198.14	195.49	194.75	196.13	0.91	ppb
Barium	137-1	197.99	193.90	194.68	195.52	1.11	ppb
Beryllium	9-1	0.48	0.42	0.36	0.42	13.83	ppb
Bismuth	209-1				87		%
Bismuth	209-2				92		%
Boron	10-1	11.91	11.46	11.70	11.69	1.92	ppb
Boron	11-1	11.80	11.97	11.59	11.78	1.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.93	1.83	1.84	1.87	3.01	ppb
Cadmium	106-1	11.40	10.10	10.61	10.70	6.14	ppb
Cadmium	108-1	0.83	0.91	1.23	0.99	21.40	ppb
Calcium	43-1	28230.26	26827.53	27627.25	27561.68	2.55	ppb
Calcium	44-1	26770.46	25508.20	26159.84	26146.17	2.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.64	1.68	1.71	1.68	2.29	ppb
Cobalt	59-2	6.95	7.05	7.11	7.04	1.09	ppb
Copper	63-2	4.17	3.95	4.14	4.09	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	75.57	73.95	74.12	74.55	1.19	ppb
Iron	57-2	440.63	452.78	444.00	445.81	1.41	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-07	Instrumnet Name :	P7
Client Sample ID :	MW-7R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:51:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	79.97	86.65	77.90	81.50	5.61	ppb
Krypton	83-1						cps
Lead	206-1	1.73	1.63	1.61	1.66	4.08	ppb
Lead	207-1	1.57	1.39	1.38	1.44	7.37	ppb
Lead	208-1	1.62	1.47	1.49	1.53	5.18	ppb
Lithium	6-1				98		%
Magnesium	24-2	6467.77	6508.64	6449.92	6475.44	0.46	ppb
Manganese	55-2	90.06	89.83	89.74	89.88	0.18	ppb
Molybdenum	94-1	0.05	0.04	0.02	0.04	34.30	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	10.30	ppb
Molybdenum	96-1	0.02	0.03	0.04	0.03	41.59	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	12.30	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.02	22.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.89	4.99	4.96	4.95	1.07	ppb
Phosphorus	31-2	29.99	29.58	23.50	27.69	13.12	ppb
Potassium	39-2	3093.47	3051.09	3022.43	3055.66	1.17	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	-1.16	-1.58	-1.63	-1.45		ppb
Selenium	77-2	30.60	24.27	26.41	27.09	11.90	ppb
Selenium	78-2	8.55	7.13	8.35	8.01	9.55	ppb
Silicon	28-1	55.13	51.13	52.83	53.03	3.79	ppb
Silver	107-1	0.07	0.05	0.07	0.06	13.63	ppb
Silver	109-1	0.05	0.06	0.06	0.06	8.40	ppb
Sodium	23-2	835594.03	825275.36	827006.61	829292.00	0.67	ppb
Strontium	86-1	145.86	140.42	142.25	142.84	1.94	ppb
Strontium	88-1	147.93	141.38	144.71	144.67	2.26	ppb
Sulfur	34-1	7229.32	5934.99	6184.58	6449.63	10.65	ppb
Terbium	159-1				98		%
Terbium	159-2				106		%
Thallium	203-1	0.07	0.07	0.06	0.07	8.80	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	16.34	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-07	Instrumnet Name :	P7
Client Sample ID :	MW-7R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:51:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.21	-0.19	-0.21	-0.20		ppb
Titanium	47-1	1.91	2.24	2.65	2.27	16.39	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	9.46	ppb
Vanadium	51-2	0.07	0.07	0.08	0.07	9.23	ppb
Yttrium	89-1				133		%
Yttrium	89-2				139		%
Zinc	66-2	226.74	225.79	227.06	226.53	0.29	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	46.28	ppb
Zirconium	91-1	0.00	0.01	0.01	0.00	70.32	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-08	Instrumnet Name :	P7
Client Sample ID :	MW-9DA	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:54:40	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	317.36	319.18	318.77	318.44	0.30	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	4.33	ppb
Arsenic	75-2	0.11	0.09	0.12	0.11	14.48	ppb
Barium	135-1	218.19	218.02	213.88	216.70	1.13	ppb
Barium	137-1	217.77	216.21	215.40	216.46	0.56	ppb
Beryllium	9-1	0.56	0.62	0.60	0.59	5.20	ppb
Bismuth	209-1				94		%
Bismuth	209-2				101		%
Boron	10-1	4.76	5.13	5.02	4.97	3.83	ppb
Boron	11-1	5.12	5.18	5.16	5.15	0.61	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.59	0.47	0.46	0.51	13.60	ppb
Cadmium	106-1	3.52	2.02	2.07	2.54	33.53	ppb
Cadmium	108-1	0.14	0.31	0.41	0.29	46.28	ppb
Calcium	43-1	7645.34	7234.11	7381.08	7420.18	2.81	ppb
Calcium	44-1	7124.03	6997.41	6961.49	7027.64	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.39	1.43	1.43	1.42	1.64	ppb
Cobalt	59-2	5.78	5.89	5.82	5.83	0.93	ppb
Copper	63-2	1.26	1.27	1.26	1.26	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				111		%
Iron	56-2	61.35	62.34	62.31	62.00	0.91	ppb
Iron	57-2	162.16	158.03	154.53	158.24	2.41	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-08	Instrumnet Name :	P7
Client Sample ID :	MW-9DA	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:54:40	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	65.56	68.87	64.37	66.27	3.51	ppb
Krypton	83-1						cps
Lead	206-1	1.08	1.00	0.98	1.02	5.24	ppb
Lead	207-1	0.98	0.89	0.94	0.94	4.59	ppb
Lead	208-1	1.00	0.93	0.95	0.96	3.78	ppb
Lithium	6-1				104		%
Magnesium	24-2	7161.88	7147.64	7089.26	7132.93	0.54	ppb
Manganese	55-2	308.57	311.12	309.83	309.84	0.41	ppb
Molybdenum	94-1	0.17	0.17	0.14	0.16	11.54	ppb
Molybdenum	95-1	0.12	0.12	0.13	0.12	5.47	ppb
Molybdenum	96-1	0.13	0.12	0.13	0.13	3.94	ppb
Molybdenum	97-1	0.10	0.12	0.10	0.11	8.02	ppb
Molybdenum	98-1	0.11	0.12	0.11	0.11	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.29	5.34	5.24	5.29	0.91	ppb
Phosphorus	31-2	48.95	58.45	54.05	53.82	8.83	ppb
Potassium	39-2	3265.56	3318.46	3271.65	3285.22	0.88	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	0.42	1.06	0.33	0.60	65.38	ppb
Selenium	77-2	1.00	1.57	1.60	1.39	24.11	ppb
Selenium	78-2	0.47	0.96	1.18	0.87	41.79	ppb
Silicon	28-1	164.23	157.16	160.56	160.65	2.20	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.11	ppb
Silver	109-1	0.02	0.02	0.01	0.02	48.84	ppb
Sodium	23-2	70285.18	70560.50	70140.00	70328.56	0.30	ppb
Strontium	86-1	82.90	80.14	80.87	81.30	1.76	ppb
Strontium	88-1	83.46	81.25	81.17	81.96	1.59	ppb
Sulfur	34-1	890.25	-41.11	-3.62	281.84	187.07	ppb
Terbium	159-1				101		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.08	0.06	0.07	19.71	ppb
Thallium	205-1	0.07	0.07	0.05	0.07	14.68	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-08	Instrumnet Name :	P7
Client Sample ID :	MW-9DA	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:54:40	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.07	-0.13	-0.08	-0.09		ppb
Titanium	47-1	1.01	1.03	0.93	0.99	4.99	ppb
Uranium	238-1	0.14	0.16	0.14	0.15	4.38	ppb
Vanadium	51-2	0.07	0.10	0.08	0.08	15.82	ppb
Yttrium	89-1				106		%
Yttrium	89-2				112		%
Zinc	66-2	23.10	24.07	24.32	23.83	2.69	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	9.38	ppb
Zirconium	91-1	0.01	0.03	0.03	0.03	38.67	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-09	Instrumnet Name :	P7
Client Sample ID :	MW-9DB	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:57:29	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	279.75	280.61	282.04	280.80	0.41	ppb
Antimony	121-1	0.16	0.15	0.17	0.16	6.92	ppb
Arsenic	75-2	0.11	0.04	0.04	0.06	63.31	ppb
Barium	135-1	214.79	206.35	209.83	210.32	2.02	ppb
Barium	137-1	210.86	209.17	208.24	209.42	0.63	ppb
Beryllium	9-1	0.64	0.58	0.56	0.59	6.57	ppb
Bismuth	209-1				94		%
Bismuth	209-2				102		%
Boron	10-1	4.75	4.70	4.56	4.67	2.10	ppb
Boron	11-1	5.09	4.86	4.90	4.95	2.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.51	0.52	0.38	0.47	16.44	ppb
Cadmium	106-1	2.12	3.00	1.81	2.31	26.69	ppb
Cadmium	108-1	0.27	0.12	0.14	0.18	47.09	ppb
Calcium	43-1	7577.48	7493.91	7564.35	7545.24	0.60	ppb
Calcium	44-1	7300.90	7162.16	7152.65	7205.24	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.36	4.26	4.37	4.33	1.45	ppb
Cobalt	59-2	5.64	5.72	5.66	5.67	0.81	ppb
Copper	63-2	0.97	1.04	1.04	1.02	4.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				112		%
Iron	56-2	42.53	42.77	41.94	42.41	1.01	ppb
Iron	57-2	138.59	136.83	142.10	139.17	1.93	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-09	Instrumnet Name :	P7
Client Sample ID :	MW-9DB	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:57:29	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	49.18	46.96	49.08	48.41	2.59	ppb
Krypton	83-1						cps
Lead	206-1	0.60	0.53	0.59	0.57	6.56	ppb
Lead	207-1	0.54	0.52	0.52	0.52	2.04	ppb
Lead	208-1	0.57	0.52	0.53	0.54	4.78	ppb
Lithium	6-1				104		%
Magnesium	24-2	6843.01	6855.51	6865.36	6854.63	0.16	ppb
Manganese	55-2	325.52	326.16	325.76	325.81	0.10	ppb
Molybdenum	94-1	0.13	0.16	0.11	0.13	17.45	ppb
Molybdenum	95-1	0.15	0.14	0.13	0.14	7.23	ppb
Molybdenum	96-1	0.14	0.12	0.17	0.14	19.97	ppb
Molybdenum	97-1	0.15	0.17	0.12	0.15	19.00	ppb
Molybdenum	98-1	0.14	0.13	0.13	0.13	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.92	5.75	5.64	5.77	2.46	ppb
Phosphorus	31-2	28.00	35.40	21.09	28.16	25.41	ppb
Potassium	39-2	3290.96	3272.74	3207.24	3256.98	1.35	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	0.75	0.62	0.60	0.66	12.45	ppb
Selenium	77-2	0.80	0.59	1.20	0.86	35.42	ppb
Selenium	78-2	1.01	0.75	0.45	0.74	38.10	ppb
Silicon	28-1	165.89	160.89	162.71	163.16	1.55	ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.27	ppb
Silver	109-1	0.00	0.01	0.01	0.01	60.93	ppb
Sodium	23-2	70492.83	70171.23	70091.16	70251.74	0.30	ppb
Strontium	86-1	83.04	79.43	79.87	80.78	2.44	ppb
Strontium	88-1	85.21	81.02	81.52	82.58	2.77	ppb
Sulfur	34-1	631.41	47.90	20.45	233.25	147.94	ppb
Terbium	159-1				101		%
Terbium	159-2				109		%
Thallium	203-1	0.10	0.07	0.06	0.08	24.46	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	10.01	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-09	Instrumnet Name :	P7
Client Sample ID :	MW-9DB	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:57:29	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.16	0.10	0.13	0.13	22.49	ppb
Titanium	47-1	0.83	0.67	0.69	0.73	11.88	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	0.57	ppb
Vanadium	51-2	0.07	0.07	0.07	0.07	3.87	ppb
Yttrium	89-1				109		%
Yttrium	89-2				112		%
Zinc	66-2	14.15	13.87	13.77	13.93	1.40	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	10.56	ppb
Zirconium	91-1	-0.02	0.01	0.00	0.00		ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-10	Instrumnet Name :	P7
Client Sample ID :	MW-9RR	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:00:21	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	605.34	606.82	596.18	602.78	0.96	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	7.27	ppb
Arsenic	75-2	4.30	4.50	4.47	4.42	2.46	ppb
Barium	135-1	63.03	63.00	62.60	62.88	0.38	ppb
Barium	137-1	62.82	61.78	63.11	62.57	1.12	ppb
Beryllium	9-1	0.31	0.29	0.31	0.30	3.67	ppb
Bismuth	209-1				88		%
Bismuth	209-2				93		%
Boron	10-1	31.90	33.48	32.30	32.56	2.52	ppb
Boron	11-1	32.62	33.52	33.93	33.35	2.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.11	2.15	1.92	2.06	6.05	ppb
Cadmium	106-1	23.13	23.31	21.45	22.63	4.53	ppb
Cadmium	108-1	0.44	0.37	0.32	0.38	16.16	ppb
Calcium	43-1	54489.71	52012.42	53068.53	53190.22	2.34	ppb
Calcium	44-1	54151.20	52689.64	53106.12	53315.66	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.74	2.83	2.80	2.79	1.55	ppb
Cobalt	59-2	3.08	3.15	3.07	3.10	1.31	ppb
Copper	63-2	3.52	3.56	3.64	3.57	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				110		%
Indium	115-1				99		%
Indium	115-2				106		%
Iron	56-2	300.51	305.00	300.02	301.84	0.91	ppb
Iron	57-2	1034.50	1039.54	1040.48	1038.18	0.31	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-10	Instrumnet Name :	P7
Client Sample ID :	MW-9RR	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:00:21	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	312.32	317.21	303.40	310.98	2.25	ppb
Krypton	83-1						cps
Lead	206-1	7.17	7.03	7.09	7.10	0.95	ppb
Lead	207-1	6.34	6.27	6.26	6.29	0.66	ppb
Lead	208-1	6.69	6.58	6.53	6.60	1.25	ppb
Lithium	6-1				99		%
Magnesium	24-2	6883.53	6876.78	6898.68	6886.33	0.16	ppb
Manganese	55-2	94.80	95.15	95.15	95.03	0.22	ppb
Molybdenum	94-1	0.51	0.47	0.51	0.50	4.18	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	9.33	ppb
Molybdenum	96-1	0.09	0.10	0.10	0.10	5.12	ppb
Molybdenum	97-1	0.05	0.04	0.06	0.05	12.29	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	8.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.41	4.42	4.37	4.40	0.54	ppb
Phosphorus	31-2	31.48	25.10	18.92	25.16	24.96	ppb
Potassium	39-2	6731.55	6914.92	6773.96	6806.81	1.41	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	2.90	2.89	2.51	2.77	8.11	ppb
Selenium	77-2	63.58	66.79	69.67	66.68	4.57	ppb
Selenium	78-2	25.37	23.02	23.32	23.90	5.34	ppb
Silicon	28-1	103.28	100.31	99.23	100.94	2.08	ppb
Silver	107-1	0.03	0.02	0.03	0.03	20.38	ppb
Silver	109-1	0.02	0.02	0.02	0.02	22.74	ppb
Sodium	23-2	666367.98	683621.90	666098.25	672029.38	1.49	ppb
Strontium	86-1	216.91	215.97	212.03	214.97	1.20	ppb
Strontium	88-1	219.45	218.38	215.60	217.81	0.91	ppb
Sulfur	34-1	37816.08	36561.12	35238.50	36538.57	3.53	ppb
Terbium	159-1				102		%
Terbium	159-2				109		%
Thallium	203-1	0.16	0.15	0.16	0.16	5.65	ppb
Thallium	205-1	0.17	0.17	0.15	0.16	7.51	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-10	Instrumnet Name :	P7
Client Sample ID :	MW-9RR	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:00:21	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.04	-0.07	-0.05	-0.05		ppb
Titanium	47-1	1.96	2.03	2.34	2.11	9.46	ppb
Uranium	238-1	0.24	0.24	0.24	0.24	1.20	ppb
Vanadium	51-2	0.36	0.38	0.35	0.36	3.69	ppb
Yttrium	89-1				183		%
Yttrium	89-2				189		%
Zinc	66-2	43.19	44.86	44.88	44.31	2.19	ppb
Zirconium	90-1	0.26	0.26	0.25	0.26	0.63	ppb
Zirconium	91-1	0.27	0.24	0.25	0.25	5.17	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-11	Instrumnet Name :	P7
Client Sample ID :	MW-10	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:03:11	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	185.86	183.03	184.79	184.56	0.77	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	10.59	ppb
Arsenic	75-2	0.46	0.52	0.49	0.49	5.89	ppb
Barium	135-1	102.10	99.89	101.72	101.24	1.17	ppb
Barium	137-1	101.51	100.30	100.49	100.77	0.65	ppb
Beryllium	9-1	0.18	0.23	0.16	0.19	18.39	ppb
Bismuth	209-1				94		%
Bismuth	209-2				101		%
Boron	10-1	7.36	7.29	7.02	7.22	2.47	ppb
Boron	11-1	7.16	7.41	7.22	7.26	1.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.78	0.72	0.64	0.72	9.80	ppb
Cadmium	106-1	5.59	4.91	3.96	4.82	16.95	ppb
Cadmium	108-1	0.32	0.33	0.37	0.34	7.83	ppb
Calcium	43-1	8547.65	8588.55	8559.25	8565.15	0.25	ppb
Calcium	44-1	8241.08	8039.71	8151.50	8144.10	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.89	2.75	2.90	2.85	3.09	ppb
Cobalt	59-2	9.77	9.45	9.66	9.63	1.66	ppb
Copper	63-2	1.74	1.64	1.73	1.71	3.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				109		%
Iron	56-2	69.09	67.38	68.06	68.18	1.26	ppb
Iron	57-2	180.99	183.23	182.48	182.24	0.63	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-11	Instrumnet Name :	P7
Client Sample ID :	MW-10	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:03:11	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	74.33	69.70	72.08	72.04	3.22	ppb
Krypton	83-1						cps
Lead	206-1	1.96	1.73	1.88	1.86	6.31	ppb
Lead	207-1	1.70	1.62	1.61	1.64	2.98	ppb
Lead	208-1	1.73	1.69	1.71	1.71	1.41	ppb
Lithium	6-1				104		%
Magnesium	24-2	1508.72	1481.13	1488.40	1492.75	0.96	ppb
Manganese	55-2	93.06	91.30	92.69	92.35	1.00	ppb
Molybdenum	94-1	0.08	0.12	0.11	0.11	19.99	ppb
Molybdenum	95-1	0.06	0.04	0.04	0.04	26.76	ppb
Molybdenum	96-1	0.03	0.06	0.04	0.04	29.77	ppb
Molybdenum	97-1	0.04	0.05	0.04	0.04	3.04	ppb
Molybdenum	98-1	0.03	0.04	0.05	0.04	27.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.50	4.60	4.59	4.56	1.25	ppb
Phosphorus	31-2	22.73	26.24	32.02	27.00	17.38	ppb
Potassium	39-2	1479.65	1478.68	1487.66	1482.00	0.33	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.32	0.01	0.14	0.16	98.16	ppb
Selenium	77-2	5.97	6.83	7.20	6.67	9.45	ppb
Selenium	78-2	1.68	1.80	1.67	1.72	4.23	ppb
Silicon	28-1	96.44	93.36	92.82	94.21	2.08	ppb
Silver	107-1	0.01	0.01	0.01	0.01	39.12	ppb
Silver	109-1	0.01	0.01	0.01	0.01	32.20	ppb
Sodium	23-2	184735.62	179801.87	181177.22	181904.90	1.40	ppb
Strontium	86-1	57.48	55.40	55.77	56.22	1.98	ppb
Strontium	88-1	58.83	56.00	56.89	57.24	2.53	ppb
Sulfur	34-1	4037.01	3204.66	3213.55	3485.07	13.72	ppb
Terbium	159-1				101		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.02	0.02	0.03	16.34	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.97	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-11	Instrumnet Name :	P7
Client Sample ID :	MW-10	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:03:11	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.00	-0.06	-0.03	-0.03		ppb
Titanium	47-1	0.82	0.71	0.90	0.81	12.19	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	10.20	ppb
Vanadium	51-2	0.06	0.05	0.05	0.05	9.89	ppb
Yttrium	89-1				112		%
Yttrium	89-2				117		%
Zinc	66-2	20.33	20.37	20.14	20.28	0.59	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	3.10	ppb
Zirconium	91-1	0.03	0.01	0.03	0.03	37.23	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:20:19	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50530.17	50351.80	50545.26	50475.74	0.21	ppb
Antimony	121-1	472.92	556.91	519.97	516.60	8.15	ppb
Arsenic	75-2	478.85	481.40	487.38	482.54	0.91	ppb
Barium	135-1	2352.41	2771.24	2580.63	2568.09	8.17	ppb
Barium	137-1	2352.32	2734.08	2565.76	2550.72	7.50	ppb
Beryllium	9-1	463.78	549.25	508.80	507.28	8.43	ppb
Bismuth	209-1				87		%
Bismuth	209-2				93		%
Boron	10-1	186.43	216.81	209.06	204.10	7.73	ppb
Boron	11-1	185.34	216.74	210.04	204.04	8.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	484.76	567.53	531.48	527.92	7.86	ppb
Cadmium	106-1	474.63	567.00	522.68	521.44	8.86	ppb
Cadmium	108-1	485.31	561.03	530.59	525.64	7.25	ppb
Calcium	43-1	227133.71	268890.19	247165.94	247729.95	8.43	ppb
Calcium	44-1	226911.90	263996.21	245174.86	245360.99	7.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.65	502.50	498.41	499.85	0.46	ppb
Cobalt	59-2	485.88	481.39	479.25	482.17	0.70	ppb
Copper	63-2	4994.02	4964.71	4909.82	4956.18	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				103		%
Iron	56-2	126074.70	125409.90	124313.21	125265.94	0.71	ppb
Iron	57-2	125758.78	125458.90	125669.12	125628.93	0.12	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:20:19	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	126273.15	126184.51	124745.86	125734.51	0.68	ppb
Krypton	83-1						cps
Lead	206-1	2388.69	2767.63	2620.90	2592.41	7.37	ppb
Lead	207-1	2305.47	2732.31	2566.69	2534.82	8.49	ppb
Lead	208-1	2347.43	2732.66	2548.28	2542.79	7.58	ppb
Lithium	6-1				101		%
Magnesium	24-2	249633.31	250404.49	247679.84	249239.21	0.56	ppb
Manganese	55-2	5003.88	4951.28	4930.87	4962.01	0.76	ppb
Molybdenum	94-1	4592.85	5400.28	5117.83	5036.99	8.13	ppb
Molybdenum	95-1	4645.69	5377.83	5159.63	5061.05	7.43	ppb
Molybdenum	96-1	4635.31	5364.68	5141.38	5047.12	7.40	ppb
Molybdenum	97-1	4588.56	5413.63	5117.16	5039.78	8.29	ppb
Molybdenum	98-1	4596.98	5389.46	5080.67	5022.37	7.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.50	484.58	481.83	484.64	0.58	ppb
Phosphorus	31-2	10366.70	10323.38	10258.54	10316.20	0.53	ppb
Potassium	39-2	125552.75	123681.83	125681.58	124972.05	0.90	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	457.14	539.67	499.36	498.72	8.27	ppb
Selenium	77-2	512.67	505.37	493.97	504.01	1.87	ppb
Selenium	78-2	501.51	502.29	504.80	502.87	0.34	ppb
Silicon	28-1	150.71	178.90	166.07	165.22	8.54	ppb
Silver	107-1	498.80	576.30	538.19	537.76	7.21	ppb
Silver	109-1	488.46	568.19	534.75	530.47	7.55	ppb
Sodium	23-2	249654.75	245984.01	244274.67	246637.81	1.11	ppb
Strontium	86-1	11255.42	13343.91	12517.07	12372.13	8.50	ppb
Strontium	88-1	11374.95	13313.43	12618.13	12435.50	7.90	ppb
Sulfur	34-1	8841.05	11294.96	9572.81	9902.94	12.72	ppb
Terbium	159-1				98		%
Terbium	159-2				105		%
Thallium	203-1	487.31	559.98	518.19	521.83	6.99	ppb
Thallium	205-1	481.98	562.83	524.00	522.94	7.73	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:20:19	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	481.09	561.17	522.35	521.53	7.68	ppb
Titanium	47-1	4626.78	5432.50	5061.62	5040.30	8.00	ppb
Uranium	238-1	452.93	538.89	495.32	495.71	8.67	ppb
Vanadium	51-2	509.12	498.99	495.66	501.26	1.40	ppb
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	5128.49	5141.88	5076.85	5115.74	0.67	ppb
Zirconium	90-1	452.57	522.81	495.37	490.25	7.22	ppb
Zirconium	91-1	455.95	531.41	494.36	493.91	7.64	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:35:32	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.66	2.02	2.46	2.05	19.48	ppb
Antimony	121-1	0.04	0.05	0.07	0.05	29.18	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.02	0.06	0.02	0.03	73.53	ppb
Barium	137-1	0.04	0.04	0.04	0.04	3.21	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				96		%
Bismuth	209-2				103		%
Boron	10-1	0.64	0.45	0.45	0.51	21.28	ppb
Boron	11-1	0.46	0.40	0.44	0.43	6.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.08	-0.12	-0.23	-0.14		ppb
Cadmium	106-1	-1.15	-1.69	-3.02	-1.95		ppb
Cadmium	108-1	-0.13	-0.13	-0.13	-0.13		ppb
Calcium	43-1	-0.14	5.49	6.76	4.03	91.04	ppb
Calcium	44-1	3.13	5.25	4.95	4.45	25.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	-0.02	0.00		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.08	0.04	0.07	0.07	31.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				112		%
Iron	56-2	2.05	2.09	2.17	2.10	2.84	ppb
Iron	57-2	1.05	-0.79	1.87	0.71	191.91	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:35:32	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.99	2.41	2.78	3.06	27.05	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.11	0.10	10.76	ppb
Lead	207-1	0.08	0.08	0.08	0.08	1.69	ppb
Lead	208-1	0.08	0.10	0.10	0.09	9.53	ppb
Lithium	6-1				105		%
Magnesium	24-2	4.15	4.26	4.31	4.24	1.97	ppb
Manganese	55-2	0.15	0.10	0.13	0.13	18.39	ppb
Molybdenum	94-1	0.04	0.09	0.12	0.08	49.21	ppb
Molybdenum	95-1	0.09	0.11	0.11	0.11	12.37	ppb
Molybdenum	96-1	0.07	0.10	0.11	0.09	20.45	ppb
Molybdenum	97-1	0.12	0.07	0.07	0.09	32.26	ppb
Molybdenum	98-1	0.09	0.09	0.10	0.10	5.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	-0.02	-0.01	0.01	537.33	ppb
Phosphorus	31-2	18.74	21.97	16.60	19.10	14.13	ppb
Potassium	39-2	0.40	-0.73	-0.13	-0.15		ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	0.18	0.27	0.25	0.23	20.86	ppb
Selenium	77-2	0.00	0.20	0.00	0.07	173.21	ppb
Selenium	78-2	0.42	0.36	-0.60	0.06	950.24	ppb
Silicon	28-1	0.15	0.10	0.03	0.09	62.11	ppb
Silver	107-1	0.02	0.02	0.02	0.02	14.26	ppb
Silver	109-1	0.03	0.02	0.02	0.02	18.23	ppb
Sodium	23-2	68.75	66.13	65.83	66.90	2.40	ppb
Strontium	86-1	0.18	0.21	0.18	0.19	7.95	ppb
Strontium	88-1	0.18	0.24	0.25	0.22	18.62	ppb
Sulfur	34-1	-1356.83	-1540.01	-1540.35	-1479.06		ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	0.01	0.02	28.83	ppb
Thallium	205-1	0.02	0.01	0.03	0.02	30.64	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:35:32	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.44	0.31	0.36	0.37	16.69	ppb
Titanium	47-1	0.08	0.12	0.10	0.10	20.80	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				112		%
Zinc	66-2	-0.26	-0.32	-0.42	-0.33		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	29.92	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.01	213.24	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-12	Instrumnet Name :	P7
Client Sample ID :	MW-11R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:40:32	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63.19	62.29	63.82	63.10	1.22	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	6.65	ppb
Arsenic	75-2	0.60	0.64	0.67	0.63	5.30	ppb
Barium	135-1	149.31	152.29	150.55	150.72	0.99	ppb
Barium	137-1	149.04	150.68	150.63	150.12	0.62	ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	6.71	ppb
Bismuth	209-1				84		%
Bismuth	209-2				91		%
Boron	10-1	14.74	15.62	15.38	15.25	2.99	ppb
Boron	11-1	14.98	15.74	15.45	15.39	2.49	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.40	1.29	1.20	1.30	7.58	ppb
Cadmium	106-1	2.58	1.23	1.17	1.66	47.91	ppb
Cadmium	108-1	1.01	1.11	1.23	1.12	10.14	ppb
Calcium	43-1	34465.43	34673.32	34474.96	34537.91	0.34	ppb
Calcium	44-1	33119.43	32853.00	33267.71	33080.05	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.94	4.01	3.99	3.98	0.92	ppb
Cobalt	59-2	7.24	7.02	7.06	7.11	1.65	ppb
Copper	63-2	1.38	1.33	1.34	1.35	2.19	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				97		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				103		%
Iron	56-2	16299.32	16457.54	16310.41	16355.75	0.54	ppb
Iron	57-2	16321.30	16178.89	16506.28	16335.49	1.00	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-12	Instrumnet Name :	P7
Client Sample ID :	MW-11R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:40:32	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	16414.70	16556.65	16404.83	16458.72	0.52	ppb
Krypton	83-1						cps
Lead	206-1	1.20	0.99	0.86	1.02	16.98	ppb
Lead	207-1	1.02	0.84	0.78	0.88	14.62	ppb
Lead	208-1	1.10	0.91	0.80	0.94	16.28	ppb
Lithium	6-1				98		%
Magnesium	24-2	5454.29	5443.66	5408.22	5435.39	0.44	ppb
Manganese	55-2	256.07	258.34	255.81	256.74	0.54	ppb
Molybdenum	94-1	0.14	0.25	0.20	0.20	27.50	ppb
Molybdenum	95-1	0.13	0.18	0.16	0.16	15.28	ppb
Molybdenum	96-1	0.20	0.27	0.27	0.24	16.39	ppb
Molybdenum	97-1	0.13	0.20	0.19	0.17	21.78	ppb
Molybdenum	98-1	0.11	0.16	0.13	0.13	16.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.59	4.31	4.56	4.49	3.39	ppb
Phosphorus	31-2	46.93	31.70	37.43	38.69	19.88	ppb
Potassium	39-2	4146.19	4121.29	4137.76	4135.08	0.31	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	-1.21	-1.87	-1.99	-1.69		ppb
Selenium	77-2	6.65	6.14	6.53	6.44	4.10	ppb
Selenium	78-2	2.28	2.28	3.03	2.53	17.18	ppb
Silicon	28-1	147.22	147.50	146.43	147.05	0.38	ppb
Silver	107-1	0.29	0.19	0.17	0.22	29.67	ppb
Silver	109-1	0.29	0.16	0.16	0.20	38.66	ppb
Sodium	23-2	834608.72	826149.36	821101.21	827286.43	0.83	ppb
Strontium	86-1	203.64	208.52	207.71	206.62	1.27	ppb
Strontium	88-1	207.80	211.51	209.04	209.45	0.90	ppb
Sulfur	34-1	5906.05	5596.53	5436.34	5646.31	4.23	ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	0.11	0.09	0.10	0.10	10.77	ppb
Thallium	205-1	0.09	0.10	0.08	0.09	11.81	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-12	Instrumnet Name :	P7
Client Sample ID :	MW-11R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:40:32	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.12	-0.07	-0.06	-0.08		ppb
Titanium	47-1	0.85	1.35	1.56	1.25	28.75	ppb
Uranium	238-1	0.03	0.04	0.04	0.03	15.10	ppb
Vanadium	51-2	0.10	0.08	0.11	0.10	15.53	ppb
Yttrium	89-1				111		%
Yttrium	89-2				113		%
Zinc	66-2	132.37	132.19	132.39	132.32	0.09	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	17.47	ppb
Zirconium	91-1	0.04	0.03	0.05	0.04	25.68	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-13	Instrumnet Name :	P7
Client Sample ID :	FB091322	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:43:23	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.92	5.01	4.82	4.92	2.00	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	9.52	ppb
Arsenic	75-2	-0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.13	0.16	0.13	0.14	9.58	ppb
Barium	137-1	0.11	0.14	0.17	0.14	21.55	ppb
Beryllium	9-1	-0.02	-0.02	0.00	-0.01		ppb
Bismuth	209-1				97		%
Bismuth	209-2				104		%
Boron	10-1	0.67	0.55	0.56	0.59	11.67	ppb
Boron	11-1	0.58	0.58	0.51	0.56	7.28	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.11	0.13	0.15	0.13	16.80	ppb
Cadmium	106-1	1.28	1.46	1.80	1.51	17.37	ppb
Cadmium	108-1	-0.13	-0.13	-0.09	-0.12		ppb
Calcium	43-1	30.15	38.64	26.52	31.77	19.58	ppb
Calcium	44-1	32.37	37.43	34.09	34.63	7.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.21	1.17	1.17	1.18	1.68	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.24	0.28	0.20	0.24	17.56	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				102		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				112		%
Iron	56-2	15.09	15.00	14.40	14.83	2.52	ppb
Iron	57-2	13.04	16.20	12.82	14.02	13.47	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-13	Instrumnet Name :	P7
Client Sample ID :	FB091322	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:43:23	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	17.24	16.19	16.04	16.49	3.96	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.24	0.23	0.24	4.22	ppb
Lead	207-1	0.27	0.22	0.21	0.23	13.74	ppb
Lead	208-1	0.24	0.24	0.21	0.23	6.98	ppb
Lithium	6-1				104		%
Magnesium	24-2	5.20	5.50	5.01	5.24	4.70	ppb
Manganese	55-2	1.07	1.09	0.99	1.05	5.14	ppb
Molybdenum	94-1	0.05	0.07	0.05	0.06	20.52	ppb
Molybdenum	95-1	0.06	0.07	0.09	0.07	21.37	ppb
Molybdenum	96-1	0.04	0.09	0.08	0.07	38.75	ppb
Molybdenum	97-1	0.04	0.10	0.09	0.07	44.65	ppb
Molybdenum	98-1	0.04	0.07	0.07	0.06	22.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.67	0.66	0.65	4.44	ppb
Phosphorus	31-2	41.21	28.98	34.01	34.73	17.70	ppb
Potassium	39-2	19.53	21.43	10.74	17.23	33.11	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.06	0.22	0.24	0.17	56.68	ppb
Selenium	77-2	0.20	0.20	0.20	0.20	0.47	ppb
Selenium	78-2	0.53	0.09	0.23	0.28	80.31	ppb
Silicon	28-1	0.75	0.77	0.74	0.75	2.18	ppb
Silver	107-1	0.01	0.01	0.02	0.01	46.48	ppb
Silver	109-1	0.01	0.01	0.02	0.01	32.70	ppb
Sodium	23-2	318.95	301.68	277.09	299.24	7.03	ppb
Strontium	86-1	0.18	0.24	0.23	0.22	14.00	ppb
Strontium	88-1	0.18	0.27	0.26	0.24	21.41	ppb
Sulfur	34-1	-1302.12	-1502.23	-1509.39	-1437.91		ppb
Terbium	159-1				102		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.01	0.01	0.01	48.27	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	22.83	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-13	Instrumnet Name :	P7
Client Sample ID :	FB091322	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:43:23	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.25	-0.24	-0.23	-0.24		ppb
Titanium	47-1	0.69	0.89	0.74	0.77	13.13	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	38.86	ppb
Yttrium	89-1				109		%
Yttrium	89-2				112		%
Zinc	66-2	2.22	2.55	2.08	2.28	10.42	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	59.81	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	280.22	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-14	Instrumnet Name :	P7
Client Sample ID :	FB091422	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:46:14	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.38	3.57	3.98	3.65	8.48	ppb
Antimony	121-1	0.00	0.02	0.01	0.01	59.24	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.07	0.06	0.10	0.08	26.93	ppb
Barium	137-1	0.09	0.07	0.11	0.09	19.00	ppb
Beryllium	9-1	0.00	-0.02	0.00	-0.01		ppb
Bismuth	209-1				97		%
Bismuth	209-2				105		%
Boron	10-1	0.43	0.43	0.44	0.43	1.59	ppb
Boron	11-1	0.39	0.33	0.36	0.36	8.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.13	0.05	0.16	0.11	54.16	ppb
Cadmium	106-1	1.63	0.57	2.03	1.41	53.55	ppb
Cadmium	108-1	-0.09	-0.03	-0.09	-0.07		ppb
Calcium	43-1	29.78	22.51	23.80	25.36	15.29	ppb
Calcium	44-1	26.32	27.00	29.59	27.64	6.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.51	1.45	1.50	1.49	1.98	ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.28	0.25	0.23	0.25	11.28	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				102		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				115		%
Iron	56-2	13.56	13.52	13.72	13.60	0.80	ppb
Iron	57-2	12.45	15.12	13.70	13.76	9.72	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-14	Instrumnet Name :	P7
Client Sample ID :	FB091422	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:46:14	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	14.98	17.64	15.15	15.92	9.34	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.16	0.14	0.16	9.91	ppb
Lead	207-1	0.13	0.14	0.15	0.14	6.05	ppb
Lead	208-1	0.15	0.15	0.15	0.15	2.41	ppb
Lithium	6-1				104		%
Magnesium	24-2	2.74	2.41	2.54	2.56	6.51	ppb
Manganese	55-2	1.29	1.38	1.28	1.32	4.33	ppb
Molybdenum	94-1	0.01	0.00	0.06	0.02	150.64	ppb
Molybdenum	95-1	0.03	0.05	0.03	0.04	25.26	ppb
Molybdenum	96-1	0.04	0.05	0.06	0.05	17.88	ppb
Molybdenum	97-1	0.06	0.05	0.04	0.05	18.56	ppb
Molybdenum	98-1	0.01	0.05	0.05	0.04	54.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	0.89	0.81	0.86	5.01	ppb
Phosphorus	31-2	24.37	33.13	22.91	26.80	20.62	ppb
Potassium	39-2	6.99	8.27	4.77	6.68	26.49	ppb
Rhodium	103-1				108		%
Rhodium	103-2				111		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	82-1	-0.23	0.07	-0.31	-0.16		ppb
Selenium	77-2	0.00	0.00	0.20	0.07	173.21	ppb
Selenium	78-2	-0.35	0.29	0.08	0.01	3776.61	ppb
Silicon	28-1	0.57	0.51	0.62	0.57	9.94	ppb
Silver	107-1	0.00	0.01	0.01	0.01	46.61	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.97	ppb
Sodium	23-2	172.31	168.00	166.39	168.90	1.81	ppb
Strontium	86-1	0.10	0.13	0.09	0.10	18.67	ppb
Strontium	88-1	0.07	0.13	0.13	0.11	29.21	ppb
Sulfur	34-1	-1230.02	-1586.19	-1605.77	-1473.99		ppb
Terbium	159-1				102		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.01	0.00	0.01	112.20	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	98.72	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-14	Instrumnet Name :	P7
Client Sample ID :	FB091422	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:46:14	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.22	-0.19	-0.20	-0.20		ppb
Titanium	47-1	0.22	0.27	0.21	0.23	12.67	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				109		%
Yttrium	89-2				114		%
Zinc	66-2	2.40	2.38	2.26	2.35	3.27	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	98.75	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00		ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-15	Instrumnet Name :	P7
Client Sample ID :	DUP091422	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:49:07	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	597.46	609.35	601.27	602.69	1.01	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	2.35	ppb
Arsenic	75-2	4.42	4.47	4.60	4.50	2.02	ppb
Barium	135-1	60.73	61.77	62.88	61.79	1.74	ppb
Barium	137-1	60.67	63.27	62.45	62.13	2.14	ppb
Beryllium	9-1	0.27	0.24	0.28	0.27	8.30	ppb
Bismuth	209-1				89		%
Bismuth	209-2				94		%
Boron	10-1	30.09	31.87	31.36	31.11	2.95	ppb
Boron	11-1	31.40	33.24	33.99	32.87	4.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.00	1.95	2.02	1.99	1.67	ppb
Cadmium	106-1	21.55	21.22	21.97	21.58	1.74	ppb
Cadmium	108-1	0.27	0.37	0.22	0.29	28.21	ppb
Calcium	43-1	52196.67	52555.71	51850.01	52200.80	0.68	ppb
Calcium	44-1	52793.19	53098.72	53111.94	53001.28	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.63	4.76	4.58	4.66	2.00	ppb
Cobalt	59-2	3.12	3.10	3.10	3.11	0.51	ppb
Copper	63-2	3.59	3.55	3.54	3.56	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				111		%
Indium	115-1				101		%
Indium	115-2				107		%
Iron	56-2	301.80	305.60	304.18	303.86	0.63	ppb
Iron	57-2	1025.64	1040.99	1035.00	1033.88	0.75	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-15	Instrumnet Name :	P7
Client Sample ID :	DUP091422	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:49:07	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	309.51	313.37	317.19	313.36	1.23	ppb
Krypton	83-1						cps
Lead	206-1	6.97	7.20	7.09	7.08	1.63	ppb
Lead	207-1	6.00	6.18	6.10	6.09	1.46	ppb
Lead	208-1	6.45	6.52	6.49	6.49	0.57	ppb
Lithium	6-1				100		%
Magnesium	24-2	6887.03	7003.08	6963.47	6951.20	0.85	ppb
Manganese	55-2	94.95	95.22	95.04	95.07	0.14	ppb
Molybdenum	94-1	0.48	0.44	0.44	0.45	5.98	ppb
Molybdenum	95-1	0.07	0.08	0.07	0.07	8.99	ppb
Molybdenum	96-1	0.11	0.10	0.11	0.10	6.55	ppb
Molybdenum	97-1	0.07	0.06	0.07	0.07	7.76	ppb
Molybdenum	98-1	0.07	0.06	0.06	0.07	7.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.43	5.51	5.28	5.41	2.17	ppb
Phosphorus	31-2	17.85	19.17	36.83	24.62	43.04	ppb
Potassium	39-2	6837.58	6775.82	6830.35	6814.58	0.50	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	2.87	3.23	2.24	2.78	18.06	ppb
Selenium	77-2	70.03	73.15	67.73	70.30	3.87	ppb
Selenium	78-2	24.31	23.53	24.62	24.16	2.32	ppb
Silicon	28-1	100.67	101.18	100.38	100.74	0.41	ppb
Silver	107-1	0.06	0.04	0.05	0.05	21.25	ppb
Silver	109-1	0.05	0.04	0.04	0.04	16.39	ppb
Sodium	23-2	675962.47	673677.20	678019.01	675886.23	0.32	ppb
Strontium	86-1	211.40	211.62	211.79	211.61	0.09	ppb
Strontium	88-1	213.07	217.00	213.61	214.56	0.99	ppb
Sulfur	34-1	35882.95	34696.97	34707.36	35095.76	1.94	ppb
Terbium	159-1				104		%
Terbium	159-2				110		%
Thallium	203-1	0.17	0.15	0.17	0.17	6.86	ppb
Thallium	205-1	0.16	0.15	0.18	0.16	7.81	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-15	Instrumnet Name :	P7
Client Sample ID :	DUP091422	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:49:07	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.05	-0.10	-0.14	-0.10		ppb
Titanium	47-1	2.00	2.15	2.39	2.18	9.16	ppb
Uranium	238-1	0.23	0.22	0.24	0.23	4.20	ppb
Vanadium	51-2	0.34	0.33	0.35	0.34	2.93	ppb
Yttrium	89-1				188		%
Yttrium	89-2				193		%
Zinc	66-2	46.29	46.58	47.73	46.87	1.63	ppb
Zirconium	90-1	0.24	0.26	0.25	0.25	2.95	ppb
Zirconium	91-1	0.22	0.25	0.22	0.23	7.37	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 20:59:55	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49519.93	49353.77	49141.44	49338.38	0.38	ppb
Antimony	121-1	571.79	507.96	520.60	533.45	6.34	ppb
Arsenic	75-2	472.47	483.97	476.99	477.81	1.21	ppb
Barium	135-1	2829.30	2569.21	2585.18	2661.23	5.48	ppb
Barium	137-1	2833.41	2568.02	2595.67	2665.70	5.47	ppb
Beryllium	9-1	544.81	507.39	511.64	521.28	3.93	ppb
Bismuth	209-1				85		%
Bismuth	209-2				93		%
Boron	10-1	221.08	204.82	207.64	211.18	4.12	ppb
Boron	11-1	222.92	204.45	208.48	211.95	4.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	581.37	527.82	529.60	546.26	5.57	ppb
Cadmium	106-1	572.97	522.31	519.34	538.21	5.60	ppb
Cadmium	108-1	574.73	526.02	526.61	542.45	5.15	ppb
Calcium	43-1	275876.16	255902.25	251068.28	260948.90	5.04	ppb
Calcium	44-1	273376.17	251680.42	249664.15	258240.25	5.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.71	484.29	500.47	494.82	1.84	ppb
Cobalt	59-2	476.95	486.01	475.94	479.63	1.16	ppb
Copper	63-2	5023.48	4993.61	4991.35	5002.81	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				107		%
Indium	115-1				96		%
Indium	115-2				107		%
Iron	56-2	126278.39	124082.98	124364.31	124908.56	0.96	ppb
Iron	57-2	123060.96	124676.06	122960.18	123565.73	0.78	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 20:59:55	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	125902.09	124784.82	124449.37	125045.42	0.61	ppb
Krypton	83-1						cps
Lead	206-1	2821.01	2643.12	2626.41	2696.85	4.00	ppb
Lead	207-1	2776.16	2581.12	2527.06	2628.11	4.99	ppb
Lead	208-1	2796.38	2577.37	2554.59	2642.78	5.05	ppb
Lithium	6-1				98		%
Magnesium	24-2	246823.27	241719.59	243277.50	243940.12	1.07	ppb
Manganese	55-2	4995.52	4857.08	4895.27	4915.96	1.45	ppb
Molybdenum	94-1	5524.47	5089.69	4992.78	5202.31	5.44	ppb
Molybdenum	95-1	5584.52	5057.95	5014.34	5218.94	6.08	ppb
Molybdenum	96-1	5566.00	5060.18	5033.76	5219.98	5.75	ppb
Molybdenum	97-1	5544.04	5096.96	5041.93	5227.65	5.27	ppb
Molybdenum	98-1	5525.05	5029.81	5025.01	5193.29	5.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.42	479.74	484.19	483.78	0.80	ppb
Phosphorus	31-2	10252.78	10349.70	10238.85	10280.45	0.59	ppb
Potassium	39-2	124361.29	123874.23	123064.37	123766.63	0.53	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				110		%
Selenium	82-1	547.08	499.76	499.15	515.33	5.34	ppb
Selenium	77-2	500.03	531.52	497.70	509.75	3.71	ppb
Selenium	78-2	490.06	510.61	499.33	500.00	2.06	ppb
Silicon	28-1	178.55	166.38	165.95	170.29	4.20	ppb
Silver	107-1	592.01	544.57	533.88	556.82	5.56	ppb
Silver	109-1	586.36	544.68	541.31	557.45	4.50	ppb
Sodium	23-2	243230.63	241701.90	242861.39	242597.98	0.33	ppb
Strontium	86-1	13478.84	12442.71	12413.84	12778.46	4.75	ppb
Strontium	88-1	13816.04	12455.44	12477.87	12916.45	6.03	ppb
Sulfur	34-1	11352.64	9242.34	8807.52	9800.83	13.89	ppb
Terbium	159-1				97		%
Terbium	159-2				107		%
Thallium	203-1	566.81	530.11	525.95	540.96	4.16	ppb
Thallium	205-1	575.35	530.45	533.63	546.48	4.58	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 20:59:55	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	578.10	517.95	526.07	540.71	6.04	ppb
Titanium	47-1	5439.15	5090.85	5022.24	5184.08	4.31	ppb
Uranium	238-1	549.19	501.40	497.83	516.14	5.56	ppb
Vanadium	51-2	498.58	501.59	505.15	501.78	0.66	ppb
Yttrium	89-1				104		%
Yttrium	89-2				112		%
Zinc	66-2	5143.08	5057.11	5074.44	5091.54	0.89	ppb
Zirconium	90-1	537.12	494.66	488.39	506.72	5.23	ppb
Zirconium	91-1	543.49	495.13	490.32	509.64	5.77	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:07:59	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.45	10.92	11.46	11.61	6.69	ppb
Antimony	121-1	0.15	0.15	0.10	0.13	24.08	ppb
Arsenic	75-2	0.05	0.02	0.02	0.03	53.84	ppb
Barium	135-1	0.41	0.28	0.13	0.27	51.23	ppb
Barium	137-1	0.40	0.28	0.13	0.27	48.89	ppb
Beryllium	9-1	0.14	0.12	0.10	0.12	19.77	ppb
Bismuth	209-1				98		%
Bismuth	209-2				106		%
Boron	10-1	0.62	0.76	0.72	0.70	10.04	ppb
Boron	11-1	0.76	0.68	0.59	0.68	12.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.11	0.00	-0.24	-0.12		ppb
Cadmium	106-1	-3.51	-1.52	-3.74	-2.92		ppb
Cadmium	108-1	-0.03	0.07	-0.07	-0.01		ppb
Calcium	43-1	44.35	31.13	14.39	29.96	50.11	ppb
Calcium	44-1	47.37	33.20	15.98	32.18	48.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.06	0.03	0.05	28.64	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	12.48	ppb
Copper	63-2	0.31	0.28	0.19	0.26	23.87	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				103		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				115		%
Iron	56-2	5.56	4.49	3.99	4.68	17.06	ppb
Iron	57-2	4.71	2.35	3.35	3.47	34.15	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:07:59	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	8.00	5.44	3.27	5.57	42.56	ppb
Krypton	83-1						cps
Lead	206-1	0.50	0.36	0.21	0.36	40.40	ppb
Lead	207-1	0.45	0.34	0.19	0.33	39.92	ppb
Lead	208-1	0.48	0.34	0.21	0.34	40.64	ppb
Lithium	6-1				105		%
Magnesium	24-2	10.95	9.89	8.65	9.83	11.72	ppb
Manganese	55-2	0.32	0.32	0.30	0.31	3.35	ppb
Molybdenum	94-1	0.94	0.69	0.34	0.65	45.62	ppb
Molybdenum	95-1	0.90	0.69	0.32	0.64	46.25	ppb
Molybdenum	96-1	0.90	0.65	0.36	0.64	42.41	ppb
Molybdenum	97-1	0.96	0.63	0.28	0.62	54.45	ppb
Molybdenum	98-1	0.94	0.65	0.30	0.63	50.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.05	0.02	105.23	ppb
Phosphorus	31-2	21.88	16.30	14.28	17.49	22.50	ppb
Potassium	39-2	0.08	-1.76	-10.55	-4.08		ppb
Rhodium	103-1				110		%
Rhodium	103-2				112		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	0.01	-0.18	0.01	-0.05		ppb
Selenium	77-2	0.19	0.19	0.00	0.13	86.60	ppb
Selenium	78-2	0.17	0.23	0.47	0.29	53.52	ppb
Silicon	28-1	0.09	0.00	-0.16	-0.03		ppb
Silver	107-1	0.40	0.18	0.13	0.24	59.27	ppb
Silver	109-1	0.40	0.23	0.14	0.25	52.31	ppb
Sodium	23-2	48.15	48.55	45.13	47.28	3.95	ppb
Strontium	86-1	2.07	1.58	0.73	1.46	46.45	ppb
Strontium	88-1	2.20	1.45	0.73	1.46	50.31	ppb
Sulfur	34-1	-2011.10	-2197.89	-2373.68	-2194.22		ppb
Terbium	159-1				104		%
Terbium	159-2				112		%
Thallium	203-1	0.11	0.06	0.06	0.08	41.72	ppb
Thallium	205-1	0.11	0.07	0.05	0.08	40.40	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:07:59	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.39	0.91	0.33	0.54	59.16	ppb
Titanium	47-1	0.83	0.56	0.42	0.60	34.32	ppb
Uranium	238-1	0.09	0.07	0.04	0.06	39.74	ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	1.14	ppb
Yttrium	89-1				112		%
Yttrium	89-2				115		%
Zinc	66-2	3.74	3.85	3.68	3.76	2.37	ppb
Zirconium	90-1	0.12	0.10	0.07	0.10	27.62	ppb
Zirconium	91-1	0.14	0.10	0.08	0.11	29.23	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01MS	Instrumnet Name :	P7
Client Sample ID :	MW-1RMS	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:33:25	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	715.72	689.92	695.53	700.39	1.94	ppb
Antimony	121-1	731.34	752.17	760.43	747.98	2.00	ppb
Arsenic	75-2	624.89	616.84	628.13	623.29	0.93	ppb
Barium	135-1	50.84	52.35	52.53	51.91	1.79	ppb
Barium	137-1	50.32	52.14	53.01	51.82	2.65	ppb
Beryllium	9-1	1039.30	1060.25	1078.84	1059.46	1.87	ppb
Bismuth	209-1				90		%
Bismuth	209-2				97		%
Boron	10-1	4.32	4.77	4.76	4.61	5.57	ppb
Boron	11-1	4.53	4.93	4.85	4.77	4.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1107.75	1122.58	1145.58	1125.30	1.69	ppb
Cadmium	106-1	1088.70	1108.30	1124.58	1107.19	1.62	ppb
Cadmium	108-1	1008.70	1049.23	1057.41	1038.44	2.51	ppb
Calcium	43-1	41081.39	42913.68	43802.86	42599.31	3.26	ppb
Calcium	44-1	41436.58	42752.41	43012.84	42400.61	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1037.94	1048.80	1031.56	1039.43	0.84	ppb
Cobalt	59-2	1041.69	1049.28	1047.04	1046.00	0.37	ppb
Copper	63-2	3184.20	3151.28	3135.37	3156.95	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	56-2	140.33	139.82	139.39	139.85	0.34	ppb
Iron	57-2	719.64	711.40	714.01	715.02	0.59	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01MS	Instrumnet Name :	P7
Client Sample ID :	MW-1RMS	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:33:25	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	842.55	844.36	842.13	843.01	0.14	ppb
Krypton	83-1						cps
Lead	206-1	2550.40	2614.60	2614.86	2593.28	1.43	ppb
Lead	207-1	2448.05	2537.44	2525.78	2503.76	1.94	ppb
Lead	208-1	2473.65	2567.39	2538.87	2526.64	1.90	ppb
Lithium	6-1				102		%
Magnesium	24-2	38827.99	38267.56	38816.33	38637.29	0.83	ppb
Manganese	55-2	3218.93	3245.91	3163.52	3209.45	1.31	ppb
Molybdenum	94-1	1665.69	1711.97	1743.92	1707.20	2.30	ppb
Molybdenum	95-1	5.02	4.98	5.26	5.09	2.91	ppb
Molybdenum	96-1	179.04	183.46	187.37	183.29	2.27	ppb
Molybdenum	97-1	4.92	5.01	5.23	5.05	3.15	ppb
Molybdenum	98-1	4.92	5.04	5.11	5.02	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	664.98	669.19	662.52	665.56	0.51	ppb
Phosphorus	31-2	59.36	23.38	55.45	46.06	42.85	ppb
Potassium	39-2	1741.82	1750.47	1737.23	1743.17	0.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	82-1	908.40	919.86	937.43	921.90	1.59	ppb
Selenium	77-2	944.55	928.14	951.46	941.38	1.27	ppb
Selenium	78-2	929.97	925.17	937.14	930.76	0.65	ppb
Silicon	28-1	81.30	82.23	82.93	82.15	1.00	ppb
Silver	107-1	895.27	881.56	789.46	855.43	6.73	ppb
Silver	109-1	743.79	628.68	786.22	719.56	11.33	ppb
Sodium	23-2	181432.61	184479.07	184059.47	183323.72	0.90	ppb
Strontium	86-1	955.82	981.58	1016.33	984.57	3.08	ppb
Strontium	88-1	968.45	997.38	1009.55	991.79	2.13	ppb
Sulfur	34-1	1662.49	1556.50	1240.81	1486.60	14.76	ppb
Terbium	159-1				101		%
Terbium	159-2				109		%
Thallium	203-1	1061.45	1101.83	1080.16	1081.15	1.87	ppb
Thallium	205-1	1065.46	1105.91	1094.81	1088.72	1.92	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01MS	Instrumnet Name :	P7
Client Sample ID :	MW-1RMS	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:33:25	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	3.78	3.82	3.92	3.84	1.96	ppb
Titanium	47-1	8.39	8.13	8.79	8.44	3.88	ppb
Uranium	238-1	1003.21	1020.61	1011.16	1011.66	0.86	ppb
Vanadium	51-2	1055.63	1068.61	1044.18	1056.14	1.16	ppb
Yttrium	89-1				121		%
Yttrium	89-2				125		%
Zinc	66-2	3203.24	3228.75	3170.89	3200.96	0.91	ppb
Zirconium	90-1	894.57	904.76	926.65	908.66	1.80	ppb
Zirconium	91-1	895.65	900.13	917.66	904.48	1.29	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01MSD	Instrumnet Name :	P7
Client Sample ID :	MW-1RMSD	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:38:23	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	692.88	686.94	690.59	690.14	0.43	ppb
Antimony	121-1	807.36	759.37	736.59	767.77	4.70	ppb
Arsenic	75-2	632.59	636.13	630.54	633.09	0.45	ppb
Barium	135-1	56.52	53.43	51.79	53.91	4.45	ppb
Barium	137-1	56.89	54.05	51.92	54.29	4.60	ppb
Beryllium	9-1	1136.90	1075.77	1076.80	1096.49	3.19	ppb
Bismuth	209-1				90		%
Bismuth	209-2				99		%
Boron	10-1	4.91	4.86	5.04	4.94	1.90	ppb
Boron	11-1	5.12	4.97	5.13	5.08	1.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1234.80	1146.26	1127.73	1169.60	4.89	ppb
Cadmium	106-1	1215.03	1138.49	1110.60	1154.71	4.68	ppb
Cadmium	108-1	1149.68	1057.17	1041.96	1082.93	5.38	ppb
Calcium	43-1	47166.63	45128.78	42791.29	45028.90	4.86	ppb
Calcium	44-1	47072.95	44835.72	43621.36	45176.68	3.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1077.47	1048.21	1052.01	1059.23	1.50	ppb
Cobalt	59-2	1056.52	1057.23	1051.72	1055.16	0.28	ppb
Copper	63-2	3288.68	3177.54	3196.70	3220.97	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				110		%
Indium	115-1				99		%
Indium	115-2				110		%
Iron	56-2	139.94	139.19	136.32	138.49	1.38	ppb
Iron	57-2	707.33	713.35	712.28	710.98	0.45	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01MSD	Instrumnet Name :	P7
Client Sample ID :	MW-1RMSD	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:38:23	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	869.87	855.24	844.21	856.44	1.50	ppb
Krypton	83-1						cps
Lead	206-1	2815.81	2687.89	2613.85	2705.85	3.78	ppb
Lead	207-1	2751.99	2617.26	2535.61	2634.95	4.15	ppb
Lead	208-1	2767.03	2629.96	2563.12	2653.37	3.92	ppb
Lithium	6-1				99		%
Magnesium	24-2	39297.12	38672.54	38973.26	38980.98	0.80	ppb
Manganese	55-2	3274.02	3234.52	3179.46	3229.33	1.47	ppb
Molybdenum	94-1	1850.44	1766.82	1697.06	1771.44	4.34	ppb
Molybdenum	95-1	5.46	5.25	5.24	5.32	2.32	ppb
Molybdenum	96-1	202.09	194.17	186.09	194.11	4.12	ppb
Molybdenum	97-1	5.44	5.19	5.21	5.28	2.70	ppb
Molybdenum	98-1	5.50	5.28	5.09	5.29	3.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	682.80	673.32	670.44	675.52	0.96	ppb
Phosphorus	31-2	43.88	29.31	52.49	41.89	27.97	ppb
Potassium	39-2	1781.05	1748.88	1725.58	1751.83	1.59	ppb
Rhodium	103-1				97		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				111		%
Selenium	82-1	994.35	961.26	927.93	961.18	3.46	ppb
Selenium	77-2	928.43	945.61	957.48	943.84	1.55	ppb
Selenium	78-2	931.64	949.30	934.04	938.33	1.02	ppb
Silicon	28-1	92.10	85.92	81.82	86.61	5.97	ppb
Silver	107-1	848.20	772.93	1134.02	918.38	20.74	ppb
Silver	109-1	896.47	651.59	1152.95	900.34	27.85	ppb
Sodium	23-2	186426.90	182875.52	181624.83	183642.42	1.36	ppb
Strontium	86-1	1079.72	1039.08	1005.03	1041.28	3.59	ppb
Strontium	88-1	1093.96	1042.01	994.43	1043.47	4.77	ppb
Sulfur	34-1	2153.61	1254.10	820.34	1409.35	48.25	ppb
Terbium	159-1				98		%
Terbium	159-2				110		%
Thallium	203-1	1161.31	1105.68	1090.92	1119.30	3.32	ppb
Thallium	205-1	1173.15	1119.35	1106.27	1132.92	3.13	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01MSD	Instrumnet Name :	P7
Client Sample ID :	MW-1RMSD	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:38:23	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.10	3.78	3.63	3.84	6.22	ppb
Titanium	47-1	8.85	9.02	10.01	9.29	6.75	ppb
Uranium	238-1	1116.19	1043.56	1029.63	1063.13	4.37	ppb
Vanadium	51-2	1084.40	1076.28	1069.12	1076.60	0.71	ppb
Yttrium	89-1				117		%
Yttrium	89-2				125		%
Zinc	66-2	3237.93	3238.32	3183.51	3219.92	0.98	ppb
Zirconium	90-1	999.90	943.16	925.14	956.07	4.08	ppb
Zirconium	91-1	983.12	944.30	902.88	943.43	4.25	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01A	Instrumnet Name :	P7
Client Sample ID :	MW-1RA	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:41:00	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	690.22	694.41	710.61	698.41	1.54	ppb
Antimony	121-1	735.89	731.89	728.68	732.15	0.49	ppb
Arsenic	75-2	628.21	622.02	624.93	625.05	0.50	ppb
Barium	135-1	51.29	51.53	51.31	51.37	0.25	ppb
Barium	137-1	52.76	51.78	51.30	51.94	1.43	ppb
Beryllium	9-1	1052.58	1063.43	1052.00	1056.00	0.61	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	5.05	4.66	4.68	4.80	4.53	ppb
Boron	11-1	4.96	4.94	5.05	4.98	1.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1145.58	1109.17	1101.75	1118.83	2.10	ppb
Cadmium	106-1	1120.12	1090.47	1097.78	1102.79	1.40	ppb
Cadmium	108-1	1040.54	1027.72	1018.92	1029.06	1.06	ppb
Calcium	43-1	44316.42	43305.58	43618.50	43746.84	1.18	ppb
Calcium	44-1	43890.58	42307.47	42727.56	42975.20	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1050.18	1065.19	1070.29	1061.89	0.98	ppb
Cobalt	59-2	1062.82	1052.36	1054.82	1056.67	0.52	ppb
Copper	63-2	3150.25	3217.03	3194.81	3187.36	1.07	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				104		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				110		%
Iron	56-2	138.72	140.75	140.13	139.87	0.74	ppb
Iron	57-2	704.40	706.41	703.00	704.61	0.24	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01A	Instrumnet Name :	P7
Client Sample ID :	MW-1RA	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:41:00	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	848.61	855.31	859.80	854.58	0.66	ppb
Krypton	83-1						cps
Lead	206-1	2604.84	2529.14	2589.41	2574.46	1.55	ppb
Lead	207-1	2538.30	2491.44	2574.38	2534.71	1.64	ppb
Lead	208-1	2581.86	2520.94	2557.78	2553.53	1.20	ppb
Lithium	6-1				102		%
Magnesium	24-2	38476.52	39200.32	39024.92	38900.59	0.97	ppb
Manganese	55-2	3197.31	3235.66	3232.06	3221.67	0.66	ppb
Molybdenum	94-1	1731.26	1676.08	1721.70	1709.68	1.72	ppb
Molybdenum	95-1	5.13	5.08	5.36	5.19	2.86	ppb
Molybdenum	96-1	190.02	183.85	187.53	187.14	1.66	ppb
Molybdenum	97-1	5.09	4.91	5.11	5.04	2.28	ppb
Molybdenum	98-1	5.15	5.05	5.13	5.11	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	670.23	677.65	680.86	676.25	0.81	ppb
Phosphorus	31-2	27.02	42.87	30.52	33.47	24.89	ppb
Potassium	39-2	1731.76	1754.76	1742.28	1742.93	0.66	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	946.91	923.14	936.86	935.64	1.28	ppb
Selenium	77-2	974.55	952.27	953.52	960.11	1.30	ppb
Selenium	78-2	927.87	929.20	921.85	926.31	0.42	ppb
Silicon	28-1	83.87	81.87	81.25	82.33	1.66	ppb
Silver	107-1	759.65	767.15	794.80	773.87	2.39	ppb
Silver	109-1	966.39	572.11	866.19	801.56	25.57	ppb
Sodium	23-2	182951.83	182048.04	182152.11	182383.99	0.27	ppb
Strontium	86-1	1013.48	979.11	1007.70	1000.09	1.84	ppb
Strontium	88-1	1015.72	992.37	1001.50	1003.20	1.17	ppb
Sulfur	34-1	1401.71	763.17	716.69	960.52	39.85	ppb
Terbium	159-1				104		%
Terbium	159-2				110		%
Thallium	203-1	1096.12	1043.05	1082.39	1073.85	2.57	ppb
Thallium	205-1	1111.97	1051.87	1083.65	1082.50	2.78	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01A	Instrumnet Name :	P7
Client Sample ID :	MW-1RA	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:41:00	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	3.76	3.75	3.77	3.76	0.30	ppb
Titanium	47-1	8.53	8.13	8.61	8.43	3.05	ppb
Uranium	238-1	1021.82	993.07	1006.42	1007.10	1.43	ppb
Vanadium	51-2	1044.26	1073.43	1069.11	1062.27	1.48	ppb
Yttrium	89-1				121		%
Yttrium	89-2				125		%
Zinc	66-2	3172.74	3223.85	3239.42	3212.00	1.09	ppb
Zirconium	90-1	929.38	905.11	917.25	917.25	1.32	ppb
Zirconium	91-1	930.01	895.29	908.73	911.35	1.92	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 22:00:13	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49571.08	49718.08	50198.38	49829.18	0.66	ppb
Antimony	121-1	524.75	523.23	526.21	524.73	0.28	ppb
Arsenic	75-2	479.25	482.44	491.26	484.32	1.28	ppb
Barium	135-1	2656.74	2633.33	2587.09	2625.72	1.35	ppb
Barium	137-1	2591.52	2603.80	2607.34	2600.88	0.32	ppb
Beryllium	9-1	522.42	514.85	519.57	518.95	0.74	ppb
Bismuth	209-1				88		%
Bismuth	209-2				94		%
Boron	10-1	204.32	210.45	216.26	210.34	2.84	ppb
Boron	11-1	204.94	210.79	215.26	210.33	2.46	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	518.22	512.45	511.27	513.98	0.72	ppb
Cadmium	106-1	510.21	511.67	503.77	508.55	0.83	ppb
Cadmium	108-1	514.38	511.20	515.88	513.82	0.46	ppb
Calcium	43-1	247577.43	246785.97	245884.04	246749.15	0.34	ppb
Calcium	44-1	242778.03	246670.10	247065.38	245504.50	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.01	497.41	497.66	493.69	1.35	ppb
Cobalt	59-2	475.84	486.72	482.42	481.66	1.14	ppb
Copper	63-2	4738.58	4825.29	4812.64	4792.17	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				100		%
Holmium	165-2				108		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	126092.79	126403.38	125135.18	125877.12	0.53	ppb
Iron	57-2	121939.92	125170.18	125473.46	124194.52	1.58	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 22:00:13	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	125336.60	127551.40	126877.58	126588.53	0.90	ppb
Krypton	83-1						cps
Lead	206-1	2599.73	2589.52	2650.03	2613.09	1.24	ppb
Lead	207-1	2553.41	2535.58	2606.13	2565.04	1.43	ppb
Lead	208-1	2567.56	2565.93	2595.91	2576.47	0.65	ppb
Lithium	6-1				98		%
Magnesium	24-2	244804.41	247670.03	244388.32	245620.92	0.73	ppb
Manganese	55-2	4964.02	5031.82	4911.10	4968.98	1.22	ppb
Molybdenum	94-1	5047.47	5042.94	5153.22	5081.21	1.23	ppb
Molybdenum	95-1	5075.13	5095.30	5161.79	5110.74	0.89	ppb
Molybdenum	96-1	5026.78	5056.57	5130.23	5071.19	1.05	ppb
Molybdenum	97-1	5026.34	5030.08	5118.01	5058.14	1.03	ppb
Molybdenum	98-1	5016.21	5049.91	5070.18	5045.43	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.46	474.02	469.85	472.45	0.48	ppb
Phosphorus	31-2	10101.23	10161.06	10388.07	10216.79	1.48	ppb
Potassium	39-2	123603.79	122891.75	123960.06	123485.20	0.44	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	486.51	485.71	491.01	487.74	0.59	ppb
Selenium	77-2	497.56	499.94	478.69	492.06	2.37	ppb
Selenium	78-2	485.79	485.42	503.36	491.52	2.09	ppb
Silicon	28-1	164.75	169.64	172.91	169.10	2.43	ppb
Silver	107-1	527.08	521.58	522.82	523.83	0.55	ppb
Silver	109-1	527.34	523.79	526.02	525.72	0.34	ppb
Sodium	23-2	246147.85	245067.74	245736.06	245650.55	0.22	ppb
Strontium	86-1	12427.38	12527.22	12752.64	12569.08	1.33	ppb
Strontium	88-1	12570.11	12645.33	12894.68	12703.37	1.34	ppb
Sulfur	34-1	6972.93	6720.50	6508.88	6734.10	3.45	ppb
Terbium	159-1				100		%
Terbium	159-2				108		%
Thallium	203-1	525.27	520.39	527.49	524.38	0.69	ppb
Thallium	205-1	530.07	520.82	537.19	529.36	1.55	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 22:00:13	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	528.78	528.70	525.18	527.55	0.39	ppb
Titanium	47-1	4923.99	5060.53	5012.91	4999.14	1.39	ppb
Uranium	238-1	494.34	489.97	505.08	496.46	1.57	ppb
Vanadium	51-2	492.66	511.04	511.02	504.91	2.10	ppb
Yttrium	89-1				107		%
Yttrium	89-2				111		%
Zinc	66-2	4867.83	4826.74	4835.63	4843.40	0.45	ppb
Zirconium	90-1	492.88	492.22	498.70	494.60	0.72	ppb
Zirconium	91-1	492.74	498.22	503.20	498.06	1.05	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 22:14:50	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.03	5.76	6.25	6.01	4.08	ppb
Antimony	121-1	0.03	0.07	0.07	0.06	38.12	ppb
Arsenic	75-2	0.00	0.02	0.02	0.01	81.04	ppb
Barium	135-1	0.02	0.02	0.02	0.02	0.55	ppb
Barium	137-1	0.02	0.02	0.03	0.02	35.05	ppb
Beryllium	9-1	0.06	0.06	0.09	0.07	28.59	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Boron	10-1	0.39	0.32	0.34	0.35	10.60	ppb
Boron	11-1	0.28	0.28	0.31	0.29	4.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.27	-0.29	-0.13	-0.23		ppb
Cadmium	106-1	-3.62	-3.92	-1.90	-3.15		ppb
Cadmium	108-1	-0.09	-0.01	-0.03	-0.04		ppb
Calcium	43-1	2.99	4.12	1.91	3.01	36.87	ppb
Calcium	44-1	1.03	6.52	4.78	4.11	68.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.04	0.04	6.02	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.13	0.07	0.08	0.09	30.28	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				104		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				113		%
Iron	56-2	1.85	1.77	1.82	1.82	2.15	ppb
Iron	57-2	3.18	0.44	-0.52	1.04	185.36	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 22:14:50	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.82	2.54	2.12	2.49	14.16	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.11	0.13	0.11	19.11	ppb
Lead	207-1	0.08	0.11	0.11	0.10	19.13	ppb
Lead	208-1	0.09	0.11	0.12	0.10	16.63	ppb
Lithium	6-1				105		%
Magnesium	24-2	4.36	4.39	4.15	4.30	3.10	ppb
Manganese	55-2	0.14	0.19	0.16	0.17	14.27	ppb
Molybdenum	94-1	0.09	0.10	0.10	0.10	5.16	ppb
Molybdenum	95-1	0.07	0.11	0.08	0.09	23.90	ppb
Molybdenum	96-1	0.09	0.08	0.08	0.08	7.72	ppb
Molybdenum	97-1	0.06	0.09	0.08	0.08	15.48	ppb
Molybdenum	98-1	0.07	0.09	0.08	0.08	7.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.02	-0.03		ppb
Phosphorus	31-2	30.35	40.55	29.45	33.45	18.43	ppb
Potassium	39-2	-3.82	-3.92	-4.02	-3.92		ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	0.00	0.01	0.31	0.11	162.41	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.25	1.13	0.15	0.84	71.19	ppb
Silicon	28-1	-0.11	0.06	-0.01	-0.02		ppb
Silver	107-1	0.17	0.13	0.11	0.14	21.86	ppb
Silver	109-1	0.20	0.14	0.12	0.15	26.36	ppb
Sodium	23-2	37.41	37.73	36.05	37.07	2.42	ppb
Strontium	86-1	0.10	0.11	0.16	0.12	26.89	ppb
Strontium	88-1	0.17	0.21	0.19	0.19	10.86	ppb
Sulfur	34-1	-1987.56	-1785.56	-1901.12	-1891.41		ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.04	0.05	0.05	12.60	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	14.48	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 22:14:50	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.29	0.53	0.33	0.38	32.75	ppb
Titanium	47-1	0.05	0.05	0.09	0.06	38.21	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	87.80	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	31.09	ppb
Yttrium	89-1				112		%
Yttrium	89-2				113		%
Zinc	66-2	1.71	1.65	1.57	1.64	4.19	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	14.26	ppb
Zirconium	91-1	0.01	0.04	0.02	0.02	68.82	ppb

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:11:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	239	300	250	263	12.38	cps
Antimony	121-1	67	117	125	103	30.69	cps
Arsenic	75-2	9	2	7	6	62.47	cps
Barium	135-1	67	100	75	81	21.53	cps
Barium	137-1	67	133	150	117	37.79	cps
Beryllium	9-1	107	147	150	134	17.93	cps
Bismuth	209-1	8853529	9099797	8976236	8976521	1.37	cps
Bismuth	209-2	6564625	6673035	6732391	6656683	1.28	cps
Boron	10-1	225	200	275	233	16.37	cps
Boron	11-1	1308	1308	1500	1372	8.06	cps
Bromine	81-1	14499	13907	14674	14360	2.80	cps
Bromine	81-2	90	90	100	93	6.19	cps
Cadmium	111-1	5437	5256	5228	5307	2.13	cps
Cadmium	106-1	7819	7494	7460	7591	2.61	cps
Cadmium	108-1	58	21	33	37	50.92	cps
Calcium	43-1	325	367	325	339	7.10	cps
Calcium	44-1	14566	14349	14583	14499	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1460	1413	1457	1443	1.80	cps
Cobalt	59-2	267	273	273	271	1.42	cps
Copper	63-2	2670	2684	2827	2727	3.19	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	17	7	13	12	41.65	cps
Erbium	164-1	108	50	92	83	36.06	cps
Erbium	164-2	47	53	33	44	22.92	cps
Gadolinium	160-1	42	117	133	97	50.22	cps
Gadolinium	160-2	1213	1247	1210	1223	1.66	cps
Holmium	165-1	13347550	13878931	13676673	13634385	1.97	cps
Holmium	165-2	8125508	8293968	8254069	8224515	1.07	cps
Indium	115-1	10956360	11084701	11043647	11028236	0.59	cps
Indium	115-2	3383449	3375584	3363208	3374080	0.30	cps
Iron	56-2	11838	12622	11577	12012	4.53	cps
Iron	57-2	2628	2367	2456	2484	5.35	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:11:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1642	1972	1572	1729	12.37	cps
Krypton	83-1	483	370	497	450	15.47	cps
Lead	206-1	422	444	439	435	2.66	cps
Lead	207-1	394	350	483	409	16.59	cps
Lead	208-1	1342	1442	1472	1419	4.81	cps
Lithium	6-1	4012586	4128115	3997950	4046217	1.76	cps
Magnesium	24-2	328	444	383	385	15.15	cps
Manganese	55-2	767	903	887	852	8.75	cps
Molybdenum	94-1	292	350	308	317	9.49	cps
Molybdenum	95-1	17	50	108	58	79.54	cps
Molybdenum	96-1	125	108	117	117	7.14	cps
Molybdenum	97-1	25	25	33	28	17.31	cps
Molybdenum	98-1	142	117	133	131	9.75	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	397	353	397	382	6.55	cps
Phosphorus	31-2	1117	1142	1233	1164	5.28	cps
Potassium	39-2	98787	97108	99005	98300	1.06	cps
Rhodium	103-1	10830493	11076930	10908568	10938664	1.15	cps
Rhodium	103-2	5664526	5652262	5591995	5636261	0.69	cps
Scandium	45-1	8170498	8208602	8244282	8207794	0.45	cps
Scandium	45-2	621586	622003	631700	625096	0.92	cps
Selenium	82-1	9	149	2	53	154.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	122	157	174	151	17.51	cps
Silicon	28-1	697426	694520	694702	695549	0.23	cps
Silver	107-1	108	133	75	106	27.73	cps
Silver	109-1	25	58	25	36	53.29	cps
Sodium	23-2	20625	20308	20620	20518	0.88	cps
Strontium	86-1	767	783	783	778	1.24	cps
Strontium	88-1	367	383	425	392	7.67	cps
Sulfur	34-1	532959	532080	533535	532858	0.14	cps
Terbium	159-1	13614001	14021443	14082731	13906058	1.83	cps
Terbium	159-2	8179036	7997819	8121447	8099434	1.14	cps
Thallium	203-1	83	142	100	108	27.73	cps
Thallium	205-1	325	283	308	306	6.87	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:11:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5093	5001	5618	5237	6.36	cps
Titanium	47-1	167	183	192	181	7.05	cps
Uranium	238-1	283	367	533	394	32.27	cps
Vanadium	51-2	73	37	37	49	43.29	cps
Yttrium	89-1	16952776	16780366	17322684	17018608	1.63	cps
Yttrium	89-2	3591363	3532725	3539066	3554385	0.91	cps
Zinc	66-2	1187	1297	1330	1271	5.90	cps
Zirconium	90-1	742	733	825	767	6.61	cps
Zirconium	91-1	142	158	200	167	18.03	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:16:56	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6413	6568	6629	6537	1.71	cps
Antimony	121-1	17444	18754	18078	18092	3.62	cps
Arsenic	75-2	522	550	567	546	4.11	cps
Barium	135-1	22301	23019	23436	22919	2.51	cps
Barium	137-1	37985	40441	39773	39400	3.22	cps
Beryllium	9-1	2887	3014	2940	2947	2.16	cps
Bismuth	209-1	8982084	9017444	9114033	9037854	0.76	cps
Bismuth	209-2	6609475	6706480	6595531	6637162	0.91	cps
Boron	10-1	8461	8361	9570	8797	7.63	cps
Boron	11-1	39418	43829	44916	42721	6.82	cps
Bromine	81-1	14316	14774	15242	14777	3.13	cps
Bromine	81-2	50	70	90	70	28.57	cps
Cadmium	111-1	8294	8421	7961	8225	2.89	cps
Cadmium	106-1	8503	8469	7777	8250	4.96	cps
Cadmium	108-1	196	279	250	242	17.50	cps
Calcium	43-1	17444	17928	17777	17716	1.40	cps
Calcium	44-1	281856	295931	295574	291120	2.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10664	10410	10664	10579	1.38	cps
Cobalt	59-2	7068	7225	7192	7162	1.15	cps
Copper	63-2	12479	12609	12719	12602	0.95	cps
Dysprosium	156-1	8	17	50	25	88.19	cps
Dysprosium	156-2	17	27	7	17	59.99	cps
Erbium	164-1	58	75	67	67	12.50	cps
Erbium	164-2	17	50	40	36	48.10	cps
Gadolinium	160-1	142	158	75	125	35.28	cps
Gadolinium	160-2	1227	1187	1127	1180	4.27	cps
Holmium	165-1	13722024	13696899	13985322	13801415	1.16	cps
Holmium	165-2	8140587	8164644	8359583	8221605	1.46	cps
Indium	115-1	10946362	11204846	11220970	11124060	1.39	cps
Indium	115-2	3375947	3413371	3359104	3382807	0.82	cps
Iron	56-2	220286	220554	224438	221759	1.05	cps
Iron	57-2	8091	7980	8275	8115	1.83	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:16:56	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13049	14161	13310	13507	4.31	cps
Krypton	83-1	407	450	413	423	5.51	cps
Lead	206-1	8069	7780	7841	7897	1.93	cps
Lead	207-1	6696	6746	6646	6696	0.75	cps
Lead	208-1	23398	23857	24533	23929	2.39	cps
Lithium	6-1	4117990	4074856	4141272	4111372	0.82	cps
Magnesium	24-2	265498	267449	269845	267598	0.81	cps
Manganese	55-2	4357	4411	4611	4460	3.00	cps
Molybdenum	94-1	21591	21833	21525	21650	0.75	cps
Molybdenum	95-1	26833	27477	26391	26900	2.03	cps
Molybdenum	96-1	29322	29948	29981	29750	1.25	cps
Molybdenum	97-1	15750	17019	17035	16601	4.44	cps
Molybdenum	98-1	40356	43465	43825	42549	4.48	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	2227	2097	2104	2142	3.42	cps
Phosphorus	31-2	1683	1317	1458	1486	12.44	cps
Potassium	39-2	367173	372214	371710	370366	0.75	cps
Rhodium	103-1	10921657	11049964	10964204	10978608	0.60	cps
Rhodium	103-2	5571625	5812974	5672965	5685855	2.13	cps
Scandium	45-1	8121940	8253363	8355231	8243511	1.42	cps
Scandium	45-2	618426	628714	625337	624159	0.84	cps
Selenium	82-1	959	949	1072	993	6.88	cps
Selenium	77-2	70	53	57	60	14.70	cps
Selenium	78-2	402	383	320	369	11.59	cps
Silicon	28-1	763577	775495	776986	772019	0.95	cps
Silver	107-1	8778	10479	11805	10354	14.66	cps
Silver	109-1	8244	10354	10171	9590	12.19	cps
Sodium	23-2	453483	455267	453184	453978	0.25	cps
Strontium	86-1	3909	4384	4559	4284	7.85	cps
Strontium	88-1	30257	30867	31793	30972	2.50	cps
Sulfur	34-1	534606	534852	531009	533489	0.40	cps
Terbium	159-1	13827026	14104081	14215879	14048995	1.42	cps
Terbium	159-2	8069885	8141238	8094333	8101818	0.45	cps
Thallium	203-1	8820	9479	9195	9164	3.61	cps
Thallium	205-1	22369	23028	22469	22622	1.57	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:16:56	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	42647	44737	45949	44444	3.76	cps
Titanium	47-1	7569	7694	8719	7994	7.90	cps
Uranium	238-1	28281	29316	28715	28771	1.81	cps
Vanadium	51-2	19349	19022	19079	19150	0.91	cps
Yttrium	89-1	17151953	17320125	17513157	17328412	1.04	cps
Yttrium	89-2	3484650	3597835	3547739	3543408	1.60	cps
Zinc	66-2	2990	2844	3000	2945	2.98	cps
Zirconium	90-1	18429	17277	18520	18075	3.83	cps
Zirconium	91-1	3834	3984	4117	3978	3.56	cps

LB Number : LB122299 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired : 2022-10-02 14:19:49 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	346706	344979	346207	345964	0.26	cps
Antimony	121-1	438300	454496	456854	449883	2.25	cps
Arsenic	75-2	23975	23674	24008	23886	0.77	cps
Barium	135-1	569839	587838	582050	579909	1.58	cps
Barium	137-1	975663	1018397	1015340	1003133	2.38	cps
Beryllium	9-1	130217	132489	136775	133161	2.50	cps
Bismuth	209-1	9274993	9189872	9181234	9215366	0.56	cps
Bismuth	209-2	6709664	6720840	6714534	6715013	0.08	cps
Boron	10-1	64108	66108	67220	65812	2.40	cps
Boron	11-1	314146	333388	340612	329382	4.15	cps
Bromine	81-1	14733	14307	14691	14577	1.61	cps
Bromine	81-2	50	30	50	43	26.65	cps
Cadmium	111-1	130097	135147	136117	133787	2.42	cps
Cadmium	106-1	22626	22092	22443	22387	1.21	cps
Cadmium	108-1	10320	10821	10583	10575	2.37	cps
Calcium	43-1	193003	196892	199888	196594	1.76	cps
Calcium	44-1	2724137	2876726	2886158	2829007	3.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	228251	226923	224533	226569	0.83	cps
Cobalt	59-2	341581	345372	339217	342057	0.91	cps
Copper	63-2	2468319	2470200	2469001	2469173	0.04	cps
Dysprosium	156-1	17	50	42	36	48.03	cps
Dysprosium	156-2	60	63	80	68	15.81	cps
Erbium	164-1	50	150	108	103	48.88	cps
Erbium	164-2	30	60	33	41	40.00	cps
Gadolinium	160-1	125	133	142	133	6.25	cps
Gadolinium	160-2	1240	1213	1230	1228	1.10	cps
Holmium	165-1	14120288	14067789	13992528	14060201	0.46	cps
Holmium	165-2	8364082	8441382	8324660	8376708	0.71	cps
Indium	115-1	11429347	11266251	11231239	11308946	0.93	cps
Indium	115-2	3364570	3422751	3446881	3411401	1.24	cps
Iron	56-2	10181854	10143519	10307701	10211025	0.84	cps
Iron	57-2	271925	272265	269934	271375	0.46	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:19:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	602742	598898	599076	600239	0.36	cps
Krypton	83-1	467	480	507	484	4.20	cps
Lead	206-1	1960893	1990424	2016816	1989378	1.41	cps
Lead	207-1	1643966	1700963	1705271	1683400	2.03	cps
Lead	208-1	6089021	6172375	6247017	6169471	1.28	cps
Lithium	6-1	4172814	4094987	4173757	4147186	1.09	cps
Magnesium	24-2	2582988	2565138	2542688	2563605	0.79	cps
Manganese	55-2	1635756	1574830	1589343	1599976	1.99	cps
Molybdenum	94-1	1751381	1855955	1840265	1815867	3.11	cps
Molybdenum	95-1	2580068	2605491	2631867	2605808	0.99	cps
Molybdenum	96-1	2777249	2842646	2891540	2837145	2.02	cps
Molybdenum	97-1	1555496	1592287	1595959	1581247	1.42	cps
Molybdenum	98-1	4016534	4133406	4154819	4101587	1.81	cps
Neodymium	150-1	60	47	47	51	15.06	cps
Neodymium	150-2	13	17	20	17	20.01	cps
Nickel	60-2	88515	91688	88811	89671	1.95	cps
Phosphorus	31-2	16317	16701	15875	16298	2.54	cps
Potassium	39-2	1379721	1380818	1408885	1389808	1.19	cps
Rhodium	103-1	11297208	11210009	11071720	11192979	1.02	cps
Rhodium	103-2	5718828	5731723	5740935	5730495	0.19	cps
Scandium	45-1	8447751	8388696	8338288	8391578	0.65	cps
Scandium	45-2	633165	634905	637721	635263	0.36	cps
Selenium	82-1	8749	9048	8795	8864	1.82	cps
Selenium	77-2	693	793	733	740	6.80	cps
Selenium	78-2	2676	2711	2848	2745	3.32	cps
Silicon	28-1	9959420	10142085	10264877	10122127	1.52	cps
Silver	107-1	591641	634185	644086	623304	4.47	cps
Silver	109-1	564450	610591	615077	596706	4.70	cps
Sodium	23-2	4393836	4388311	4473695	4418614	1.08	cps
Strontium	86-1	4155006	4271181	4274270	4233486	1.61	cps
Strontium	88-1	36232055	36786759	36841112	36619975	0.92	cps
Sulfur	34-1	595975	601421	600444	599280	0.48	cps
Terbium	159-1	14329273	14355241	14239237	14307917	0.43	cps
Terbium	159-2	8288956	8351014	8370880	8336950	0.51	cps
Thallium	203-1	448004	463694	468304	460000	2.31	cps
Thallium	205-1	1068825	1100254	1104226	1091102	1.78	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:19:49	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	387897	407759	404527	400061	2.66	cps
Titanium	47-1	770418	802324	818123	796955	3.05	cps
Uranium	238-1	1408976	1457854	1466734	1444521	2.15	cps
Vanadium	51-2	189750	189646	188016	189137	0.51	cps
Yttrium	89-1	17892048	17441297	17356381	17563242	1.64	cps
Yttrium	89-2	3618180	3635330	3577979	3610496	0.82	cps
Zinc	66-2	381265	380751	383095	381703	0.32	cps
Zirconium	90-1	926188	960506	960157	948950	2.08	cps
Zirconium	91-1	207528	213969	215304	212267	1.96	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:22:33	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	725916	718286	718656	720952	0.60	cps
Antimony	121-1	1082066	1143356	1157320	1127581	3.55	cps
Arsenic	75-2	59461	59725	58931	59372	0.68	cps
Barium	135-1	1417633	1463001	1491769	1457468	2.56	cps
Barium	137-1	2443736	2513180	2553863	2503593	2.22	cps
Beryllium	9-1	319851	338465	345069	334462	3.91	cps
Bismuth	209-1	9406982	9158195	9296679	9287285	1.34	cps
Bismuth	209-2	6650995	6722151	6706729	6693292	0.56	cps
Boron	10-1	155728	169857	176369	167318	6.31	cps
Boron	11-1	775214	820083	856643	817313	4.99	cps
Bromine	81-1	14224	14666	14541	14477	1.57	cps
Bromine	81-2	40	60	70	57	26.96	cps
Cadmium	111-1	312172	325103	335135	324136	3.55	cps
Cadmium	106-1	42847	43181	45564	43864	3.38	cps
Cadmium	108-1	24738	25785	26307	25610	3.12	cps
Calcium	43-1	474549	500934	504851	493445	3.34	cps
Calcium	44-1	6756976	7083174	7100774	6980308	2.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	560295	558762	557520	558859	0.25	cps
Cobalt	59-2	848578	840245	838187	842337	0.65	cps
Copper	63-2	6126348	6159819	6056861	6114343	0.86	cps
Dysprosium	156-1	83	42	92	72	37.09	cps
Dysprosium	156-2	233	230	200	221	8.30	cps
Erbium	164-1	100	67	158	108	42.83	cps
Erbium	164-2	40	57	40	46	21.13	cps
Gadolinium	160-1	133	75	217	142	50.26	cps
Gadolinium	160-2	1203	1223	1300	1242	4.11	cps
Holmium	165-1	14559118	14212705	14279387	14350404	1.28	cps
Holmium	165-2	8434653	8520360	8420947	8458653	0.64	cps
Indium	115-1	11324368	11079379	11326318	11243355	1.26	cps
Indium	115-2	3403308	3381270	3420036	3401538	0.57	cps
Iron	56-2	25551169	25410545	25113065	25358260	0.88	cps
Iron	57-2	666836	664310	670088	667078	0.43	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:22:33	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1446132	1433518	1412940	1430863	1.17	cps
Krypton	83-1	487	437	453	459	5.55	cps
Lead	206-1	4889566	5081429	5023467	4998154	1.97	cps
Lead	207-1	4349138	4543584	4536100	4476274	2.46	cps
Lead	208-1	15120822	15708336	15903831	15577663	2.62	cps
Lithium	6-1	4234001	4233273	4172460	4213245	0.84	cps
Magnesium	24-2	6451556	6321400	6318495	6363817	1.19	cps
Manganese	55-2	4037516	4013202	3955813	4002177	1.05	cps
Molybdenum	94-1	4393930	4568924	4597010	4519955	2.43	cps
Molybdenum	95-1	6226890	6462849	6595146	6428295	2.90	cps
Molybdenum	96-1	6781440	7154991	7234805	7057079	3.43	cps
Molybdenum	97-1	3866383	4042401	4099442	4002742	3.04	cps
Molybdenum	98-1	9862087	10328037	10428643	10206256	2.96	cps
Neodymium	150-1	167	167	153	162	4.74	cps
Neodymium	150-2	43	43	53	47	12.37	cps
Nickel	60-2	221221	219845	216288	219118	1.16	cps
Phosphorus	31-2	38273	38157	38090	38173	0.24	cps
Potassium	39-2	3327219	3336723	3263628	3309190	1.20	cps
Rhodium	103-1	11307893	10960800	11128355	11132349	1.56	cps
Rhodium	103-2	5652648	5673386	5716898	5680977	0.58	cps
Scandium	45-1	8496296	8372034	8420746	8429692	0.74	cps
Scandium	45-2	641998	633668	641326	638997	0.72	cps
Selenium	82-1	21692	22215	22589	22165	2.03	cps
Selenium	77-2	1993	1913	1853	1920	3.66	cps
Selenium	78-2	6737	6850	6383	6656	3.66	cps
Silicon	28-1	23103273	23919605	24327501	23783459	2.62	cps
Silver	107-1	1516892	1590204	1621093	1576063	3.40	cps
Silver	109-1	1447474	1527771	1550228	1508491	3.58	cps
Sodium	23-2	11116317	10912262	10968921	10999167	0.96	cps
Strontium	86-1	10184896	10633288	10935652	10584612	3.57	cps
Strontium	88-1	88388544	91660427	93060567	91036512	2.63	cps
Sulfur	34-1	671658	674986	679341	675328	0.57	cps
Terbium	159-1	14731589	14479884	14535369	14582281	0.91	cps
Terbium	159-2	8377321	8346226	8273353	8332300	0.64	cps
Thallium	203-1	1128607	1158269	1183469	1156782	2.37	cps
Thallium	205-1	2750684	2830413	2873834	2818310	2.22	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:22:33	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	946897	1004056	1013512	988155	3.65	cps
Titanium	47-1	1876496	1976671	1984066	1945744	3.09	cps
Uranium	238-1	3759556	3992139	3992321	3914672	3.43	cps
Vanadium	51-2	475038	475242	472309	474197	0.35	cps
Yttrium	89-1	17786297	17714144	17708227	17736223	0.25	cps
Yttrium	89-2	3612491	3663923	3617968	3631461	0.78	cps
Zinc	66-2	948799	945975	945260	946678	0.20	cps
Zirconium	90-1	2243010	2388085	2407553	2346216	3.83	cps
Zirconium	91-1	511308	536242	540249	529266	2.96	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:25:19	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1435103	1426183	1424005	1428430	0.41	cps
Antimony	121-1	2223358	2311616	2322441	2285805	2.38	cps
Arsenic	75-2	118831	120898	120151	119960	0.87	cps
Barium	135-1	2862868	2949115	3047321	2953101	3.13	cps
Barium	137-1	4944359	5174176	5258717	5125750	3.17	cps
Beryllium	9-1	640544	674608	672658	662603	2.89	cps
Bismuth	209-1	9065353	9189705	8797773	9017611	2.22	cps
Bismuth	209-2	6821924	6805628	7097703	6908418	2.38	cps
Boron	10-1	320688	343938	354067	339564	5.04	cps
Boron	11-1	1522135	1614978	1708847	1615320	5.78	cps
Bromine	81-1	14950	14933	13832	14571	4.40	cps
Bromine	81-2	130	50	70	83	49.96	cps
Cadmium	111-1	634240	657082	665097	652140	2.46	cps
Cadmium	106-1	80121	79191	80062	79791	0.65	cps
Cadmium	108-1	49911	52407	52746	51688	3.00	cps
Calcium	43-1	964942	993257	1018375	992191	2.69	cps
Calcium	44-1	13982429	14128513	14485894	14198945	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1117021	1121273	1115481	1117925	0.27	cps
Cobalt	59-2	1663479	1663671	1683962	1670371	0.70	cps
Copper	63-2	12087639	12061781	12159879	12103100	0.42	cps
Dysprosium	156-1	225	142	167	178	24.06	cps
Dysprosium	156-2	323	413	380	372	12.23	cps
Erbium	164-1	117	192	142	150	25.46	cps
Erbium	164-2	43	90	70	68	34.55	cps
Gadolinium	160-1	242	175	300	239	26.18	cps
Gadolinium	160-2	1253	1180	1387	1273	8.23	cps
Holmium	165-1	14151379	14219873	13747378	14039543	1.82	cps
Holmium	165-2	8606315	8754644	9051036	8803999	2.57	cps
Indium	115-1	11087113	11138053	10767153	10997440	1.83	cps
Indium	115-2	3404514	3465037	3567884	3479145	2.37	cps
Iron	56-2	50249905	51248923	50808916	50769248	0.99	cps
Iron	57-2	1325387	1352345	1338408	1338713	1.01	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:25:19	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2850739	2827867	2888414	2855673	1.07	cps
Krypton	83-1	400	487	380	422	13.43	cps
Lead	206-1	10021593	10245527	10342861	10203327	1.61	cps
Lead	207-1	8829864	9132876	9242161	9068300	2.36	cps
Lead	208-1	30821846	31807256	32172417	31600507	2.21	cps
Lithium	6-1	4026653	4099776	4009136	4045189	1.19	cps
Magnesium	24-2	12600501	12627145	12549488	12592378	0.31	cps
Manganese	55-2	7963551	8047653	8040116	8017107	0.58	cps
Molybdenum	94-1	8952388	9350399	9487983	9263590	3.00	cps
Molybdenum	95-1	12649450	13201898	13488687	13113345	3.25	cps
Molybdenum	96-1	14110073	14590981	14781256	14494103	2.39	cps
Molybdenum	97-1	7944505	8253079	8250170	8149251	2.18	cps
Molybdenum	98-1	20278479	20984322	21320436	20861079	2.55	cps
Neodymium	150-1	313	300	273	296	6.89	cps
Neodymium	150-2	83	60	77	73	16.39	cps
Nickel	60-2	435843	436101	441074	437673	0.67	cps
Phosphorus	31-2	73929	76307	74531	74923	1.65	cps
Potassium	39-2	6488601	6549906	6565073	6534527	0.62	cps
Rhodium	103-1	10777525	10905235	10449486	10710749	2.19	cps
Rhodium	103-2	5723810	5747268	5997723	5822934	2.61	cps
Scandium	45-1	8326376	8219491	8032474	8192780	1.82	cps
Scandium	45-2	645149	653990	671738	656959	2.06	cps
Selenium	82-1	44012	44894	45065	44657	1.26	cps
Selenium	77-2	3751	4014	4024	3929	3.95	cps
Selenium	78-2	13087	13078	13241	13135	0.70	cps
Silicon	28-1	46058072	47250827	48361901	47223600	2.44	cps
Silver	107-1	3066718	3215660	3296880	3193086	3.66	cps
Silver	109-1	2893855	3044751	3078366	3005657	3.27	cps
Sodium	23-2	21661318	22237321	22015704	21971448	1.32	cps
Strontium	86-1	20956992	21588434	21900827	21482084	2.24	cps
Strontium	88-1	180751700	185846142	190180904	185592915	2.54	cps
Sulfur	34-1	804630	808427	804642	805900	0.27	cps
Terbium	159-1	14170795	14180259	14082731	14144595	0.38	cps
Terbium	159-2	8444843	8522692	8778585	8582040	2.03	cps
Thallium	203-1	2354086	2410658	2412649	2392464	1.39	cps
Thallium	205-1	5497665	5706950	5847656	5684090	3.10	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:25:19	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1924969	2049478	2011627	1995358	3.20	cps
Titanium	47-1	3904003	4001439	4043299	3982914	1.79	cps
Uranium	238-1	7613647	8094040	8004890	7904192	3.23	cps
Vanadium	51-2	959887	968663	948655	959068	1.05	cps
Yttrium	89-1	17635031	17541832	17018897	17398587	1.91	cps
Yttrium	89-2	3628043	3715943	3789318	3711101	2.18	cps
Zinc	66-2	1864879	1870237	1859699	1864938	0.28	cps
Zirconium	90-1	4616407	4775078	4912650	4768045	3.11	cps
Zirconium	91-1	1040186	1096152	1110691	1082343	3.44	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:28:03	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2837303	2867359	2877965	2860876	0.74	cps
Antimony	121-1	4488193	4597269	4685731	4590398	2.16	cps
Arsenic	75-2	238129	239669	238844	238881	0.32	cps
Barium	135-1	5813617	6014146	6115182	5980982	2.57	cps
Barium	137-1	9953589	10299666	10285476	10179577	1.92	cps
Beryllium	9-1	1256166	1323329	1295293	1291596	2.61	cps
Bismuth	209-1	9186729	9317532	9184814	9229692	0.82	cps
Bismuth	209-2	6715304	6732536	6684752	6710864	0.36	cps
Boron	10-1	637704	669649	679262	662205	3.29	cps
Boron	11-1	3106847	3225340	3319936	3217375	3.32	cps
Bromine	81-1	15450	15183	14332	14989	3.89	cps
Bromine	81-2	90	90	90	90	0.00	cps
Cadmium	111-1	1244701	1291741	1301733	1279392	2.38	cps
Cadmium	106-1	145980	153059	154383	151141	2.99	cps
Cadmium	108-1	100348	104565	106562	103825	3.06	cps
Calcium	43-1	1866564	1917263	1914696	1899508	1.50	cps
Calcium	44-1	27529173	28435623	28768300	28244365	2.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2212777	2204135	2180462	2199125	0.76	cps
Cobalt	59-2	3336372	3312658	3363244	3337425	0.76	cps
Copper	63-2	23863718	24024001	23971329	23953016	0.34	cps
Dysprosium	156-1	242	317	325	294	15.59	cps
Dysprosium	156-2	660	677	667	668	1.26	cps
Erbium	164-1	67	150	167	128	41.93	cps
Erbium	164-2	103	93	93	97	5.97	cps
Gadolinium	160-1	275	275	258	269	3.57	cps
Gadolinium	160-2	1280	1277	1360	1306	3.61	cps
Holmium	165-1	14524824	14336844	14509536	14457068	0.72	cps
Holmium	165-2	8581400	8718025	8673436	8657620	0.80	cps
Indium	115-1	11192264	11283241	11213289	11229598	0.42	cps
Indium	115-2	3352750	3378519	3402916	3378061	0.74	cps
Iron	56-2	99637022	101713925	101137627	100829524	1.06	cps
Iron	57-2	2560685	2601003	2604131	2588606	0.94	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:28:03	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5606531	5677616	5579836	5621328	0.90	cps
Krypton	83-1	477	500	480	486	2.60	cps
Lead	206-1	19608695	20528571	20604256	20247174	2.74	cps
Lead	207-1	17730218	18426426	18365539	18174061	2.12	cps
Lead	208-1	61442830	63970099	63953317	63122082	2.30	cps
Lithium	6-1	4097280	4080877	4106483	4094880	0.32	cps
Magnesium	24-2	25028810	24823810	25041363	24964661	0.49	cps
Manganese	55-2	16055561	15840880	16082739	15993060	0.83	cps
Molybdenum	94-1	18110606	18778979	18788672	18559419	2.09	cps
Molybdenum	95-1	25585559	26406767	26679173	26223833	2.17	cps
Molybdenum	96-1	28160099	29085692	29477153	28907648	2.34	cps
Molybdenum	97-1	15841555	16410277	16706406	16319413	2.69	cps
Molybdenum	98-1	40747907	42069996	42630094	41815999	2.31	cps
Neodymium	150-1	607	707	620	644	8.43	cps
Neodymium	150-2	143	137	153	144	5.81	cps
Nickel	60-2	864045	863032	864856	863978	0.11	cps
Phosphorus	31-2	146034	145723	148904	146887	1.19	cps
Potassium	39-2	12933337	12751163	12720936	12801812	0.90	cps
Rhodium	103-1	10849723	10914762	10857144	10873876	0.33	cps
Rhodium	103-2	5499936	5638647	5634664	5591083	1.41	cps
Scandium	45-1	8460882	8390812	8370352	8407349	0.56	cps
Scandium	45-2	639356	639532	639292	639393	0.02	cps
Selenium	82-1	86526	88917	88758	88067	1.52	cps
Selenium	77-2	7629	7759	7625	7671	0.99	cps
Selenium	78-2	25735	25815	26039	25863	0.61	cps
Silicon	28-1	89689012	92159535	93571460	91806669	2.14	cps
Silver	107-1	6056299	6275845	6306222	6212789	2.20	cps
Silver	109-1	5839525	6028914	6075943	5981460	2.09	cps
Sodium	23-2	43004768	43134230	43825945	43321648	1.02	cps
Strontium	86-1	41451548	43411529	43682290	42848455	2.84	cps
Strontium	88-1	362372666	383087425	379191175	374883756	2.94	cps
Sulfur	34-1	1191721	1206900	1205927	1201516	0.71	cps
Terbium	159-1	14760524	14912806	14621725	14765018	0.99	cps
Terbium	159-2	8457330	8590665	8466530	8504842	0.88	cps
Thallium	203-1	4653152	4800129	4825005	4759429	1.95	cps
Thallium	205-1	11080460	11335436	11564574	11326823	2.14	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:28:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3850843	4066373	4076030	3997749	3.18	cps
Titanium	47-1	7686138	8067469	8103915	7952507	2.91	cps
Uranium	238-1	15573345	16378568	16355668	16102527	2.85	cps
Vanadium	51-2	1878767	1897038	1920423	1898743	1.10	cps
Yttrium	89-1	17828552	17790275	17950638	17856488	0.47	cps
Yttrium	89-2	3590532	3638036	3675025	3634531	1.17	cps
Zinc	66-2	3688641	3703161	3721225	3704342	0.44	cps
Zirconium	90-1	9272082	9592003	9716091	9526725	2.40	cps
Zirconium	91-1	2083845	2176661	2160438	2140315	2.32	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:30:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5716163	5693301	5585375	5664946	1.23	cps
Antimony	121-1	8968529	9293512	9414105	9225382	2.50	cps
Arsenic	75-2	480433	483642	482017	482031	0.33	cps
Barium	135-1	11782797	12218171	12043335	12014768	1.82	cps
Barium	137-1	20248700	20946697	21049748	20748382	2.10	cps
Beryllium	9-1	2407888	2515278	2562030	2495066	3.17	cps
Bismuth	209-1	9166645	9132972	9181484	9160367	0.27	cps
Bismuth	209-2	6544999	6665771	6531992	6580921	1.12	cps
Boron	10-1	1213146	1295395	1309856	1272799	4.10	cps
Boron	11-1	6031508	6362948	6514064	6302840	3.92	cps
Bromine	81-1	15467	15342	15567	15458	0.73	cps
Bromine	81-2	60	80	80	73	15.75	cps
Cadmium	111-1	2455958	2549677	2591628	2532421	2.74	cps
Cadmium	106-1	283974	295834	296482	292097	2.41	cps
Cadmium	108-1	198953	203812	204825	202530	1.55	cps
Calcium	43-1	3726171	3891997	3935113	3851093	2.86	cps
Calcium	44-1	55484241	57085272	58537939	57035817	2.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4354476	4435574	4343881	4377977	1.15	cps
Cobalt	59-2	6716796	6705096	6604797	6675563	0.92	cps
Copper	63-2	47225521	47538388	47195608	47319839	0.40	cps
Dysprosium	156-1	650	783	475	636	24.31	cps
Dysprosium	156-2	1557	1433	1480	1490	4.18	cps
Erbium	164-1	267	258	275	267	3.13	cps
Erbium	164-2	137	173	163	158	12.01	cps
Gadolinium	160-1	467	400	408	425	8.55	cps
Gadolinium	160-2	1403	1490	1523	1472	4.21	cps
Holmium	165-1	14557193	14576046	14651307	14594849	0.34	cps
Holmium	165-2	8710857	8698008	8725478	8711448	0.16	cps
Indium	115-1	11089021	11112471	11292650	11164714	1.00	cps
Indium	115-2	3335351	3418797	3398954	3384367	1.29	cps
Iron	56-2	198310354	203483716	200728582	200840884	1.29	cps
Iron	57-2	5176046	5153014	5150551	5159871	0.27	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:30:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11374968	11359436	11326969	11353791	0.22	cps
Krypton	83-1	487	450	413	450	8.15	cps
Lead	206-1	39073593	40500522	40942675	40172263	2.43	cps
Lead	207-1	35216295	36375109	36598876	36063427	2.06	cps
Lead	208-1	121955782	126603512	128787197	125782163	2.77	cps
Lithium	6-1	4027618	3948270	4104898	4026928	1.94	cps
Magnesium	24-2	48946771	50187343	49016186	49383433	1.41	cps
Manganese	55-2	31797187	32060989	31949000	31935725	0.41	cps
Molybdenum	94-1	36786564	37702340	37694510	37394472	1.41	cps
Molybdenum	95-1	51967452	53694304	53565620	53075792	1.81	cps
Molybdenum	96-1	57300133	58667891	59157347	58375124	1.65	cps
Molybdenum	97-1	32337933	33063296	33328003	32909744	1.56	cps
Molybdenum	98-1	83210341	85626344	86315062	85050582	1.92	cps
Neodymium	150-1	1100	1253	1173	1176	6.52	cps
Neodymium	150-2	293	327	227	282	18.04	cps
Nickel	60-2	1730118	1707122	1718719	1718653	0.67	cps
Phosphorus	31-2	288967	295098	296141	293402	1.32	cps
Potassium	39-2	25750232	25451669	25867605	25689835	0.83	cps
Rhodium	103-1	10930061	10923060	10826125	10893082	0.53	cps
Rhodium	103-2	5546518	5586907	5666684	5600036	1.09	cps
Scandium	45-1	8583197	8498776	8524240	8535404	0.51	cps
Scandium	45-2	646538	651350	648915	648934	0.37	cps
Selenium	82-1	171729	176830	179260	175940	2.18	cps
Selenium	77-2	15488	15702	15448	15546	0.88	cps
Selenium	78-2	51411	51478	52046	51645	0.68	cps
Silicon	28-1	178203216	182815021	181005762	180674667	1.29	cps
Silver	107-1	12124647	12476404	12653907	12418319	2.17	cps
Silver	109-1	11675537	11881015	12008706	11855086	1.42	cps
Sodium	23-2	85580496	87826333	85242438	86216422	1.63	cps
Strontium	86-1	84628552	88454150	89134731	87405811	2.78	cps
Strontium	88-1	735061866	763797200	760858667	753239245	2.10	cps
Sulfur	34-1	1739562	1721691	1753041	1738098	0.90	cps
Terbium	159-1	14920899	14792708	14737861	14817156	0.63	cps
Terbium	159-2	8568358	8591341	8580864	8580188	0.13	cps
Thallium	203-1	9340654	9611578	9729558	9560597	2.09	cps
Thallium	205-1	22079525	22865938	23067607	22671023	2.30	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:30:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	7749216	8041536	8216280	8002344	2.95	cps
Titanium	47-1	15663134	16088863	16241192	15997730	1.87	cps
Uranium	238-1	31586586	32608538	32352144	32182423	1.65	cps
Vanadium	51-2	3797696	3818135	3723161	3779664	1.32	cps
Yttrium	89-1	18097975	18170078	18139675	18135909	0.20	cps
Yttrium	89-2	3732734	3687790	3714378	3711634	0.61	cps
Zinc	66-2	7243486	7183066	7211745	7212765	0.42	cps
Zirconium	90-1	18857391	19489319	19574170	19306960	2.03	cps
Zirconium	91-1	4192594	4342955	4400156	4311902	2.49	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:33:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27994428	27508677	28176399	27893168	1.24	cps
Antimony	121-1	10913	11121	10938	10991	1.04	cps
Arsenic	75-2	483	389	411	428	11.54	cps
Barium	135-1	6777	6785	6568	6710	1.83	cps
Barium	137-1	11421	11488	11563	11491	0.62	cps
Beryllium	9-1	1003	957	1070	1010	5.64	cps
Bismuth	209-1	7925251	7986293	7826540	7912694	1.02	cps
Bismuth	209-2	5822282	5895561	5890587	5869477	0.70	cps
Boron	10-1	27283	24962	23669	25304	7.24	cps
Boron	11-1	136766	124044	114596	125135	8.89	cps
Bromine	81-1	16409	15659	16426	16165	2.71	cps
Bromine	81-2	60	160	50	90	67.59	cps
Cadmium	111-1	6291	6536	6199	6342	2.75	cps
Cadmium	106-1	8052	8386	7944	8127	2.83	cps
Cadmium	108-1	125	138	154	139	10.54	cps
Calcium	43-1	15887147	16304765	16328884	16173599	1.54	cps
Calcium	44-1	257529147	261469431	259492747	259497109	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13666	14020	13676	13788	1.46	cps
Cobalt	59-2	33878	33263	33751	33631	0.97	cps
Copper	63-2	14664	14347	13653	14221	3.64	cps
Dysprosium	156-1	1367	1183	1092	1214	11.54	cps
Dysprosium	156-2	1100	1010	1160	1090	6.93	cps
Erbium	164-1	92	83	100	92	9.09	cps
Erbium	164-2	57	33	83	58	43.30	cps
Gadolinium	160-1	825	908	717	817	11.77	cps
Gadolinium	160-2	1703	1873	1860	1812	5.22	cps
Holmium	165-1	13536198	13759082	13612278	13635853	0.83	cps
Holmium	165-2	8234511	8337927	8263696	8278711	0.64	cps
Indium	115-1	10386622	10487624	10398079	10424108	0.53	cps
Indium	115-2	3311940	3287045	3339921	3312969	0.80	cps
Iron	56-2	945337732	958955955	952859666	952384451	0.72	cps
Iron	57-2	24275922	24785042	24408723	24489896	1.08	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:33:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	52621735	52404580	52792397	52606237	0.37	cps
Krypton	83-1	423	463	463	450	5.13	cps
Lead	206-1	11572	11455	11038	11355	2.47	cps
Lead	207-1	10343	9781	9820	9982	3.14	cps
Lead	208-1	36292	34951	34640	35295	2.49	cps
Lithium	6-1	3786467	3898567	3932595	3872543	1.97	cps
Magnesium	24-2	243888189	250095506	246435206	246806300	1.26	cps
Manganese	55-2	28935	29262	28514	28903	1.30	cps
Molybdenum	94-1	12589	12747	12856	12731	1.05	cps
Molybdenum	95-1	15592	15041	15033	15222	2.10	cps
Molybdenum	96-1	24129	23829	23620	23859	1.07	cps
Molybdenum	97-1	9253	9170	8895	9106	2.06	cps
Molybdenum	98-1	23586	23244	22919	23250	1.44	cps
Neodymium	150-1	120	100	67	96	28.19	cps
Neodymium	150-2	53	43	103	67	48.22	cps
Nickel	60-2	8729	9116	9166	9004	2.66	cps
Phosphorus	31-2	1300	1450	1283	1345	6.83	cps
Potassium	39-2	127954228	128566290	128830936	128450485	0.35	cps
Rhodium	103-1	9673734	9875940	9767372	9772348	1.04	cps
Rhodium	103-2	5086892	5036713	5130456	5084687	0.92	cps
Scandium	45-1	8225377	8513351	8449881	8396203	1.80	cps
Scandium	45-2	639691	639780	641597	640356	0.17	cps
Selenium	82-1	310	216	311	279	19.61	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	219	185	196	200	8.49	cps
Silicon	28-1	2234503	2504259	2569528	2436096	7.29	cps
Silver	107-1	8344	7969	7152	7822	7.79	cps
Silver	109-1	8069	7719	6894	7561	7.98	cps
Sodium	23-2	401520520	401292653	407948476	403587216	0.94	cps
Strontium	86-1	32394	31551	30407	31451	3.17	cps
Strontium	88-1	273453	275287	270934	273224	0.80	cps
Sulfur	34-1	449870	458833	460061	456255	1.22	cps
Terbium	159-1	13629004	13775746	13785604	13730118	0.64	cps
Terbium	159-2	8235724	8226072	8090465	8184087	0.99	cps
Thallium	203-1	3676	3592	3651	3639	1.18	cps
Thallium	205-1	8986	8620	8311	8639	3.91	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 14:33:34	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	10179	10321	10771	10423	2.97	cps
Titanium	47-1	3734	3692	3576	3667	2.24	cps
Uranium	238-1	5618	5902	5176	5565	6.57	cps
Vanadium	51-2	3060	2837	2737	2878	5.75	cps
Yttrium	89-1	16959655	17325928	17055918	17113834	1.11	cps
Yttrium	89-2	3626771	3603459	3658315	3629515	0.76	cps
Zinc	66-2	8436	7899	8563	8299	4.25	cps
Zirconium	90-1	9929	10721	10471	10373	3.90	cps
Zirconium	91-1	1884	2400	2384	2222	13.21	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P7
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 15:50:08	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150452	149746	151956	150718	0.75	cps
Antimony	121-1	1758477	1895234	1890102	1847938	4.19	cps
Arsenic	75-2	102714	102605	103956	103092	0.73	cps
Barium	135-1	222644	244153	240327	235708	4.87	cps
Barium	137-1	384208	411331	414293	403277	4.11	cps
Beryllium	9-1	256126	271834	273400	267120	3.58	cps
Bismuth	209-1	8682079	8706263	8778460	8722267	0.57	cps
Bismuth	209-2	6681817	6617654	6819031	6706167	1.53	cps
Boron	10-1	700	908	775	794	13.28	cps
Boron	11-1	4101	3801	3842	3914	4.15	cps
Bromine	81-1	15141	16418	15117	15559	4.78	cps
Bromine	81-2	80	40	50	57	36.74	cps
Cadmium	111-1	253723	270858	272250	265610	3.88	cps
Cadmium	106-1	28754	30474	32019	30416	5.37	cps
Cadmium	108-1	16618	17982	18241	17614	4.95	cps
Calcium	43-1	68623	73520	73453	71865	3.91	cps
Calcium	44-1	1114475	1173187	1183769	1157144	3.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482650	479193	480217	480687	0.37	cps
Cobalt	59-2	724935	730287	728091	727771	0.37	cps
Copper	63-2	507039	508945	509505	508496	0.25	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	37	17	40	31	40.56	cps
Erbium	164-1	33	83	67	61	41.67	cps
Erbium	164-2	33	47	17	32	46.65	cps
Gadolinium	160-1	67	158	133	119	39.67	cps
Gadolinium	160-2	1320	1417	1223	1320	7.32	cps
Holmium	165-1	13313161	13507184	13624040	13481462	1.16	cps
Holmium	165-2	8327462	8348526	8599853	8425280	1.80	cps
Indium	115-1	11229358	11301564	11349151	11293358	0.53	cps
Indium	115-2	3583186	3540302	3621025	3581505	1.13	cps
Iron	56-2	8278656	8318540	8395597	8330931	0.71	cps
Iron	57-2	217765	218251	218503	218173	0.17	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P7
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 15:50:08	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	496890	500040	499859	498930	0.35	cps
Krypton	83-1	437	430	463	443	3.98	cps
Lead	206-1	1471354	1565472	1574209	1537012	3.71	cps
Lead	207-1	1205706	1286652	1296319	1262892	3.94	cps
Lead	208-1	4645512	4918850	4957234	4840532	3.51	cps
Lithium	6-1	4116747	4167242	4172342	4152111	0.74	cps
Magnesium	24-2	619053	621391	618129	619524	0.27	cps
Manganese	55-2	346809	344648	347110	346189	0.39	cps
Molybdenum	94-1	508	517	458	494	6.38	cps
Molybdenum	95-1	258	283	250	264	6.57	cps
Molybdenum	96-1	450	375	558	461	19.99	cps
Molybdenum	97-1	158	117	58	111	45.21	cps
Molybdenum	98-1	267	392	383	347	20.13	cps
Neodymium	150-1	40	40	47	42	9.12	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	211989	212120	212419	212176	0.10	cps
Phosphorus	31-2	1300	1258	1083	1214	9.47	cps
Potassium	39-2	1242108	1245568	1249341	1245672	0.29	cps
Rhodium	103-1	11372967	11032506	11217711	11207728	1.52	cps
Rhodium	103-2	5860346	5944737	5964142	5923075	0.93	cps
Scandium	45-1	8747679	8487705	8710416	8648600	1.63	cps
Scandium	45-2	658386	656770	662866	659341	0.48	cps
Selenium	82-1	36379	38625	38875	37960	3.62	cps
Selenium	77-2	3437	3577	3484	3499	2.04	cps
Selenium	78-2	11614	11760	11664	11679	0.64	cps
Silicon	28-1	751426	756271	760017	755905	0.57	cps
Silver	107-1	568775	643602	645164	619181	7.05	cps
Silver	109-1	543545	604271	624198	590671	7.11	cps
Sodium	23-2	1775124	1770327	1755231	1766894	0.59	cps
Strontium	86-1	1633	1667	1833	1711	6.26	cps
Strontium	88-1	8553	8661	8911	8708	2.11	cps
Sulfur	34-1	535385	531850	530841	532692	0.45	cps
Terbium	159-1	13863998	13751223	13944044	13853088	0.70	cps
Terbium	159-2	8309893	8410106	8363482	8361160	0.60	cps
Thallium	203-1	1918387	2043779	2018575	1993580	3.33	cps
Thallium	205-1	4636689	4855736	4847357	4779927	2.60	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P7
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 15:50:08	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	6919	8270	8178	7789	9.69	cps
Titanium	47-1	275	158	175	203	31.12	cps
Uranium	238-1	8	67	92	56	76.98	cps
Vanadium	51-2	401056	398158	402525	400580	0.55	cps
Yttrium	89-1	17921228	17643231	17934889	17833116	0.92	cps
Yttrium	89-2	3769952	3760904	3792888	3774581	0.44	cps
Zinc	66-2	156898	158353	158225	157825	0.51	cps
Zirconium	90-1	1225	1133	1092	1150	5.93	cps
Zirconium	91-1	475	542	467	494	8.31	cps

LB Number : LB122299 Operator : Jaswal
 Lab Sample ID : LLICV Instrumnet Name : P7
 Client Sample ID : LLICV Dilution Factor : 1
 Date & Time Acquired : 2022-10-02 16:20:23 DataFile Name : 013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6518	6535	6335	6463	1.72	cps
Antimony	121-1	17503	18880	19013	18465	4.53	cps
Arsenic	75-2	572	543	559	558	2.66	cps
Barium	135-1	22377	22568	23854	22933	3.50	cps
Barium	137-1	37968	38662	39781	38804	2.36	cps
Beryllium	9-1	2550	2764	2844	2719	5.58	cps
Bismuth	209-1	8677106	8589924	8752965	8673332	0.94	cps
Bismuth	209-2	6574115	6710330	6764545	6682997	1.47	cps
Boron	10-1	8136	8778	9261	8725	6.47	cps
Boron	11-1	41490	43846	44498	43278	3.66	cps
Bromine	81-1	16042	15292	15066	15467	3.30	cps
Bromine	81-2	50	70	70	63	18.23	cps
Cadmium	111-1	7511	7207	7510	7409	2.37	cps
Cadmium	106-1	7377	6827	7044	7082	3.91	cps
Cadmium	108-1	225	217	208	217	3.85	cps
Calcium	43-1	18044	17836	18428	18103	1.66	cps
Calcium	44-1	290647	299372	302447	297489	2.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10764	10487	11114	10788	2.91	cps
Cobalt	59-2	7172	7382	7342	7299	1.53	cps
Copper	63-2	13089	13176	13343	13203	0.98	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	17	7	10	11	45.82	cps
Erbium	164-1	92	58	50	67	33.08	cps
Erbium	164-2	27	40	27	31	24.74	cps
Gadolinium	160-1	125	167	42	111	57.28	cps
Gadolinium	160-2	1260	1277	1163	1233	4.96	cps
Holmium	165-1	13675548	13138276	13489284	13434369	2.03	cps
Holmium	165-2	8187253	8468528	8392733	8349505	1.74	cps
Indium	115-1	11447826	11057328	11299825	11268326	1.75	cps
Indium	115-2	3403714	3585313	3499129	3496052	2.60	cps
Iron	56-2	228404	223351	226651	226136	1.13	cps
Iron	57-2	8486	8503	8603	8530	0.74	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 16:20:23	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14091	13921	14492	14168	2.07	cps
Krypton	83-1	453	480	487	473	3.73	cps
Lead	206-1	7291	7302	7508	7367	1.66	cps
Lead	207-1	6279	6552	6652	6494	2.97	cps
Lead	208-1	22183	23198	22961	22781	2.33	cps
Lithium	6-1	4066863	4105830	4084037	4085577	0.48	cps
Magnesium	24-2	269727	270960	272643	271110	0.54	cps
Manganese	55-2	4461	4404	4424	4430	0.65	cps
Molybdenum	94-1	22075	21733	22192	22000	1.08	cps
Molybdenum	95-1	27034	27251	28453	27579	2.77	cps
Molybdenum	96-1	28595	30365	30633	29865	3.71	cps
Molybdenum	97-1	16109	17019	17027	16718	3.16	cps
Molybdenum	98-1	42588	43457	43407	43150	1.13	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	2467	2430	2217	2371	5.69	cps
Phosphorus	31-2	1867	1658	1650	1725	7.12	cps
Potassium	39-2	390057	389493	382926	387492	1.02	cps
Rhodium	103-1	11372247	11112827	11294260	11259778	1.18	cps
Rhodium	103-2	5670438	5825589	5864135	5786721	1.77	cps
Scandium	45-1	8758147	8571551	8521002	8616900	1.45	cps
Scandium	45-2	643848	661109	651241	652066	1.33	cps
Selenium	82-1	916	941	981	946	3.49	cps
Selenium	77-2	103	87	77	89	15.15	cps
Selenium	78-2	417	454	437	436	4.26	cps
Silicon	28-1	773067	778480	785024	778857	0.77	cps
Silver	107-1	8586	10512	11413	10171	14.20	cps
Silver	109-1	8519	10029	10396	9648	10.31	cps
Sodium	23-2	461332	463631	462491	462484	0.25	cps
Strontium	86-1	3876	3992	4059	3976	2.33	cps
Strontium	88-1	28645	30282	31342	30090	4.52	cps
Sulfur	34-1	544790	543864	541046	543233	0.36	cps
Terbium	159-1	13889872	13585929	13731657	13735820	1.11	cps
Terbium	159-2	7989876	8388343	8212177	8196799	2.44	cps
Thallium	203-1	9012	9003	8878	8964	0.83	cps
Thallium	205-1	20474	21042	20766	20761	1.37	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 16:20:23	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	42388	44327	44394	43703	2.61	cps
Titanium	47-1	8603	8594	8728	8642	0.86	cps
Uranium	238-1	25534	26436	27045	26338	2.89	cps
Vanadium	51-2	19927	19943	19913	19928	0.08	cps
Yttrium	89-1	17690996	17456817	17675704	17607839	0.74	cps
Yttrium	89-2	3597656	3704140	3685882	3662559	1.55	cps
Zinc	66-2	2144	2297	2214	2218	3.46	cps
Zirconium	90-1	17711	19038	18354	18368	3.61	cps
Zirconium	91-1	4359	3917	4359	4212	6.06	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P7
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:19:43	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	178	233	283	231	22.81	cps
Antimony	121-1	142	100	100	114	21.12	cps
Arsenic	75-2	0	4	11	5	114.60	cps
Barium	135-1	100	58	150	103	44.66	cps
Barium	137-1	125	150	217	164	28.91	cps
Beryllium	9-1	67	60	60	62	6.19	cps
Bismuth	209-1	7707703	8409338	8622349	8246463	5.80	cps
Bismuth	209-2	6495238	6582003	6548912	6542051	0.67	cps
Boron	10-1	567	517	558	547	4.90	cps
Boron	11-1	2292	2175	2792	2420	13.54	cps
Bromine	81-1	14499	14991	14391	14627	2.19	cps
Bromine	81-2	40	80	30	50	52.92	cps
Cadmium	111-1	4302	4252	4600	4385	4.30	cps
Cadmium	106-1	6135	6101	6568	6268	4.16	cps
Cadmium	108-1	13	33	8	18	74.19	cps
Calcium	43-1	392	375	292	353	15.19	cps
Calcium	44-1	13540	13590	13782	13637	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1423	1457	1350	1410	3.87	cps
Cobalt	59-2	117	90	140	116	21.65	cps
Copper	63-2	2574	2627	2430	2544	4.00	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	58	50	42	50	16.66	cps
Erbium	164-2	27	33	50	37	32.78	cps
Gadolinium	160-1	158	75	108	114	36.83	cps
Gadolinium	160-2	1417	1190	1220	1276	9.65	cps
Holmium	165-1	12135658	13103525	13431942	12890375	5.23	cps
Holmium	165-2	8145639	8284265	8253535	8227813	0.88	cps
Indium	115-1	10207398	10952064	11234818	10798094	4.92	cps
Indium	115-2	3453494	3450317	3420896	3441569	0.52	cps
Iron	56-2	10265	10015	10498	10259	2.36	cps
Iron	57-2	2767	2350	2645	2587	8.28	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P7
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:19:43	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1832	1712	1872	1805	4.62	cps
Krypton	83-1	427	437	453	439	3.07	cps
Lead	206-1	472	467	511	483	5.01	cps
Lead	207-1	278	333	311	307	9.10	cps
Lead	208-1	1308	1156	1133	1199	7.95	cps
Lithium	6-1	3852187	4145482	4120444	4039371	4.03	cps
Magnesium	24-2	333	444	328	369	17.86	cps
Manganese	55-2	837	853	850	847	1.04	cps
Molybdenum	94-1	225	233	242	233	3.57	cps
Molybdenum	95-1	33	25	8	22	57.29	cps
Molybdenum	96-1	158	125	58	114	44.71	cps
Molybdenum	97-1	17	8	0	8	100.02	cps
Molybdenum	98-1	50	58	108	72	43.68	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	420	430	437	429	1.96	cps
Phosphorus	31-2	1425	1375	1375	1392	2.07	cps
Potassium	39-2	99684	99667	100817	100056	0.66	cps
Rhodium	103-1	10167871	10871847	11081159	10706959	4.47	cps
Rhodium	103-2	5774673	5749847	5788815	5771112	0.34	cps
Scandium	45-1	7654433	8364158	8463349	8160646	5.41	cps
Scandium	45-2	639706	634905	645997	640203	0.87	cps
Selenium	82-1	68	55	13	45	63.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	157	122	139	140	12.62	cps
Silicon	28-1	688625	689203	691794	689874	0.24	cps
Silver	107-1	125	208	92	142	42.42	cps
Silver	109-1	50	50	58	53	9.12	cps
Sodium	23-2	20586	21671	21426	21228	2.68	cps
Strontium	86-1	683	825	658	722	12.44	cps
Strontium	88-1	375	300	333	336	11.18	cps
Sulfur	34-1	542319	540172	541980	541491	0.21	cps
Terbium	159-1	12387055	13348944	13702459	13146153	5.18	cps
Terbium	159-2	8034472	8126122	8026153	8062249	0.69	cps
Thallium	203-1	42	42	67	50	28.87	cps
Thallium	205-1	225	133	142	167	30.41	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P7
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:19:43	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5368	4801	5168	5112	5.62	cps
Titanium	47-1	158	108	150	139	19.29	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-2	7	0	10	6	91.64	cps
Yttrium	89-1	16003070	17129131	17641372	16924524	4.95	cps
Yttrium	89-2	3632216	3594037	3627994	3618082	0.58	cps
Zinc	66-2	500	573	500	524	8.07	cps
Zirconium	90-1	617	742	750	703	10.63	cps
Zirconium	91-1	142	158	125	142	11.77	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P7
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:22:35	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25947216	25831806	26110121	25963048	0.54	cps
Antimony	121-1	9295	10179	10596	10023	6.63	cps
Arsenic	75-2	193	157	152	167	13.21	cps
Barium	135-1	3225	3434	3150	3270	4.49	cps
Barium	137-1	5193	6060	5668	5640	7.70	cps
Beryllium	9-1	690	730	673	698	4.17	cps
Bismuth	209-1	8337870	8617250	8716336	8557152	2.29	cps
Bismuth	209-2	6429618	6471387	6596925	6499310	1.34	cps
Boron	10-1	675	658	658	664	1.45	cps
Boron	11-1	3642	3584	3475	3567	2.37	cps
Bromine	81-1	16743	17135	16960	16946	1.16	cps
Bromine	81-2	380	350	370	367	4.17	cps
Cadmium	111-1	6196	6451	6271	6306	2.08	cps
Cadmium	106-1	6835	7069	7110	7005	2.12	cps
Cadmium	108-1	2829	2663	2688	2727	3.30	cps
Calcium	43-1	3176610	3226444	3229690	3210915	0.93	cps
Calcium	44-1	50057930	51800133	52232533	51363532	2.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88917	87924	90050	88964	1.20	cps
Cobalt	59-2	9150	9066	9420	9212	2.01	cps
Copper	63-2	41694	41685	42273	41884	0.80	cps
Dysprosium	156-1	58	58	42	53	18.23	cps
Dysprosium	156-2	40	47	40	42	9.12	cps
Erbium	164-1	133	75	142	117	31.14	cps
Erbium	164-2	63	83	27	58	49.74	cps
Gadolinium	160-1	100	142	108	117	18.90	cps
Gadolinium	160-2	1227	1210	1203	1213	0.99	cps
Holmium	165-1	13704219	14402039	14437516	14181258	2.92	cps
Holmium	165-2	8674370	8820679	8840390	8778480	1.03	cps
Indium	115-1	10648892	11113871	11300482	11021082	3.04	cps
Indium	115-2	3393165	3445425	3454009	3430866	0.96	cps
Iron	56-2	384964931	386121009	384512753	385199564	0.22	cps
Iron	57-2	9788328	9691677	9749652	9743219	0.50	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P7
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:22:35	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	21530293	21330666	21863562	21574840	1.25	cps
Krypton	83-1	497	503	467	489	4.00	cps
Lead	206-1	46446	49975	50399	48940	4.43	cps
Lead	207-1	37084	39964	39914	38988	4.23	cps
Lead	208-1	135061	145596	145575	142077	4.28	cps
Lithium	6-1	3939548	4001540	4009500	3983529	0.96	cps
Magnesium	24-2	47109873	46481661	47491325	47027620	1.08	cps
Manganese	55-2	28367	28370	28631	28456	0.53	cps
Molybdenum	94-1	5483189	5781652	5750897	5671912	2.89	cps
Molybdenum	95-1	9616382	10047058	10115918	9926453	2.73	cps
Molybdenum	96-1	10354426	10745481	10857768	10652558	2.48	cps
Molybdenum	97-1	5998795	6174491	6271163	6148150	2.25	cps
Molybdenum	98-1	15420276	16017632	15982623	15806844	2.12	cps
Neodymium	150-1	40	33	27	33	20.00	cps
Neodymium	150-2	27	30	33	30	11.10	cps
Nickel	60-2	9566	9657	10017	9747	2.44	cps
Phosphorus	31-2	1348831	1355080	1368412	1357441	0.74	cps
Potassium	39-2	49007282	49371616	49271750	49216883	0.38	cps
Rhodium	103-1	10213435	10657237	10800614	10557095	2.90	cps
Rhodium	103-2	5533132	5627067	5679492	5613230	1.32	cps
Scandium	45-1	8114807	8564712	8581613	8420377	3.14	cps
Scandium	45-2	640681	640354	639185	640073	0.12	cps
Selenium	82-1	37	16	78	44	71.69	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	178	189	156	174	9.75	cps
Silicon	28-1	886809	888776	899255	891613	0.75	cps
Silver	107-1	767	775	700	747	5.50	cps
Silver	109-1	617	683	608	636	6.46	cps
Sodium	23-2	81783160	80312618	82172355	81422711	1.20	cps
Strontium	86-1	109891	116619	117096	114535	3.52	cps
Strontium	88-1	961726	988966	1012385	987692	2.57	cps
Sulfur	34-1	5926502	6049015	6047216	6007578	1.17	cps
Terbium	159-1	13851023	14506697	14662865	14340195	3.00	cps
Terbium	159-2	8482735	8600861	8636181	8573259	0.94	cps
Thallium	203-1	667	875	883	808	15.19	cps
Thallium	205-1	1533	1825	2059	1806	14.57	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P7
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:22:35	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	8795	8895	8420	8703	2.88	cps
Titanium	47-1	3061975	3113519	3184346	3119947	1.97	cps
Uranium	238-1	417	542	350	436	22.31	cps
Vanadium	51-2	1080	1073	1170	1108	4.87	cps
Yttrium	89-1	16871184	17833263	18038717	17581055	3.55	cps
Yttrium	89-2	3658511	3712846	3712846	3694734	0.85	cps
Zinc	66-2	8799	8563	8876	8746	1.87	cps
Zirconium	90-1	883	1025	858	922	9.75	cps
Zirconium	91-1	150	117	192	153	24.60	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P7
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:25:23	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26958744	26483283	26686205	26709410	0.89	cps
Antimony	121-1	195060	204288	204001	201116	2.61	cps
Arsenic	75-2	10272	9914	9685	9957	2.97	cps
Barium	135-1	50122	52573	52413	51703	2.65	cps
Barium	137-1	86220	90052	88844	88372	2.22	cps
Beryllium	9-1	48786	50442	50896	50041	2.22	cps
Bismuth	209-1	8743829	9076633	9096675	8972379	2.21	cps
Bismuth	209-2	6577924	6492282	6475342	6515183	0.84	cps
Boron	10-1	800	867	733	800	8.33	cps
Boron	11-1	4051	4251	3751	4017	6.27	cps
Bromine	81-1	18437	18195	17953	18195	1.33	cps
Bromine	81-2	200	230	160	197	17.86	cps
Cadmium	111-1	56202	59419	59260	58294	3.11	cps
Cadmium	106-1	12448	12506	12764	12572	1.34	cps
Cadmium	108-1	6201	6235	6147	6194	0.71	cps
Calcium	43-1	3248182	3321164	3404789	3324711	2.36	cps
Calcium	44-1	52342236	53159574	54467549	53323120	2.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	183484	179064	181164	181237	1.22	cps
Cobalt	59-2	145357	143128	145959	144815	1.03	cps
Copper	63-2	136728	135668	136257	136218	0.39	cps
Dysprosium	156-1	33	50	33	39	24.75	cps
Dysprosium	156-2	47	47	43	46	4.23	cps
Erbium	164-1	75	75	83	78	6.19	cps
Erbium	164-2	40	60	63	54	23.18	cps
Gadolinium	160-1	158	133	133	142	10.19	cps
Gadolinium	160-2	1280	1290	1337	1302	2.32	cps
Holmium	165-1	14300872	14886068	14856311	14681083	2.25	cps
Holmium	165-2	9005819	8696693	8894357	8865623	1.77	cps
Indium	115-1	11086815	11700004	11586577	11457798	2.85	cps
Indium	115-2	3559948	3474782	3506151	3513627	1.23	cps
Iron	56-2	399097242	396296898	394196642	396530261	0.62	cps
Iron	57-2	10173396	9916436	9935487	10008440	1.43	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P7
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:25:23	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	22236867	21734199	22070423	22013830	1.16	cps
Krypton	83-1	427	450	477	451	5.55	cps
Lead	206-1	195209	202063	196787	198020	1.81	cps
Lead	207-1	160960	161636	161849	161482	0.29	cps
Lead	208-1	578569	581859	581561	580663	0.31	cps
Lithium	6-1	3903464	4000404	4010036	3971301	1.48	cps
Magnesium	24-2	49098405	48950872	48390537	48813271	0.77	cps
Manganese	55-2	94189	93106	92884	93393	0.75	cps
Molybdenum	94-1	5839866	6004989	6078845	5974566	2.05	cps
Molybdenum	95-1	10155949	10510356	10473440	10379915	1.88	cps
Molybdenum	96-1	10968406	11254352	11340308	11187689	1.74	cps
Molybdenum	97-1	6290058	6410394	6608347	6436266	2.50	cps
Molybdenum	98-1	16369525	16739304	16772289	16627040	1.34	cps
Neodymium	150-1	60	40	33	44	31.23	cps
Neodymium	150-2	23	27	10	20	44.10	cps
Nickel	60-2	45298	44777	45699	45258	1.02	cps
Phosphorus	31-2	1421036	1378973	1389507	1396505	1.57	cps
Potassium	39-2	51053943	50127627	50399074	50526881	0.94	cps
Rhodium	103-1	10745383	11194675	11298436	11079498	2.65	cps
Rhodium	103-2	5757532	5585591	5661438	5668187	1.52	cps
Scandium	45-1	8523637	8845497	8830305	8733146	2.08	cps
Scandium	45-2	660568	648473	658885	655975	1.00	cps
Selenium	82-1	3638	3811	3835	3761	2.86	cps
Selenium	77-2	330	253	347	310	16.06	cps
Selenium	78-2	1146	1185	1202	1178	2.42	cps
Silicon	28-1	880637	890820	892776	888078	0.73	cps
Silver	107-1	230367	245071	244983	240140	3.52	cps
Silver	109-1	220805	235169	236423	230799	3.76	cps
Sodium	23-2	85507224	84120710	83136360	84254765	1.41	cps
Strontium	86-1	118794	121155	122610	120853	1.59	cps
Strontium	88-1	1015504	1056238	1070602	1047448	2.73	cps
Sulfur	34-1	5934875	6014875	6155841	6035197	1.85	cps
Terbium	159-1	14597446	15029280	15315892	14980873	2.41	cps
Terbium	159-2	8665473	8679274	8566199	8636982	0.71	cps
Thallium	203-1	180543	189866	187721	186043	2.62	cps
Thallium	205-1	431277	451910	450028	444405	2.57	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P7
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:25:23	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5626	6185	6060	5957	4.92	cps
Titanium	47-1	3153286	3256541	3312298	3240708	2.49	cps
Uranium	238-1	533	342	483	453	21.96	cps
Vanadium	51-2	79206	76777	76777	77587	1.81	cps
Yttrium	89-1	17875273	18646716	18799384	18440458	2.69	cps
Yttrium	89-2	3821352	3733468	3786531	3780450	1.17	cps
Zinc	66-2	24006	23275	23836	23706	1.61	cps
Zirconium	90-1	1183	892	1050	1042	14.02	cps
Zirconium	91-1	233	283	242	253	10.60	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:28:08	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14295957	14214840	13999084	14169960	1.08	cps
Antimony	121-1	4412881	4595349	4643213	4550481	2.67	cps
Arsenic	75-2	239704	238427	238585	238905	0.29	cps
Barium	135-1	5798955	6029951	6123076	5983994	2.79	cps
Barium	137-1	9904504	10354829	10423348	10227560	2.76	cps
Beryllium	9-1	1168974	1238505	1269182	1225554	4.19	cps
Bismuth	209-1	8012037	8403698	8528716	8314817	3.24	cps
Bismuth	209-2	6207158	6226368	6184327	6205951	0.34	cps
Boron	10-1	250009	269492	273285	264262	4.73	cps
Boron	11-1	1235886	1309494	1345997	1297126	4.32	cps
Bromine	81-1	16226	16902	16785	16638	2.17	cps
Bromine	81-2	150	80	80	103	39.12	cps
Cadmium	111-1	1245540	1324203	1344710	1304818	4.01	cps
Cadmium	106-1	143372	154347	156612	151444	4.68	cps
Cadmium	108-1	99421	102605	105509	102512	2.97	cps
Calcium	43-1	8098444	8405578	8597772	8367265	3.01	cps
Calcium	44-1	126705249	133937836	135327141	131990075	3.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2242580	2217651	2169458	2209896	1.68	cps
Cobalt	59-2	3292187	3267816	3261760	3273921	0.49	cps
Copper	63-2	24714201	24667383	24372570	24584718	0.75	cps
Dysprosium	156-1	683	783	767	744	7.20	cps
Dysprosium	156-2	1197	1213	1100	1170	5.23	cps
Erbium	164-1	108	42	125	92	48.10	cps
Erbium	164-2	90	80	57	76	22.64	cps
Gadolinium	160-1	492	775	567	611	24.02	cps
Gadolinium	160-2	1533	1517	1560	1537	1.42	cps
Holmium	165-1	13337352	13955698	14359948	13884333	3.71	cps
Holmium	165-2	8603113	8592781	8452629	8549508	0.98	cps
Indium	115-1	10078832	10700219	10900222	10559758	4.06	cps
Indium	115-2	3346858	3336970	3412575	3365468	1.22	cps
Iron	56-2	498235544	496460178	491619711	495438478	0.69	cps
Iron	57-2	12682055	12622376	12531224	12611885	0.60	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:28:08	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	27700419	27619726	27069682	27463276	1.25	cps
Krypton	83-1	513	483	527	508	4.37	cps
Lead	206-1	18763239	19798764	19823957	19461987	3.11	cps
Lead	207-1	16790061	17764244	17493053	17349119	2.90	cps
Lead	208-1	58582341	61846414	61059588	60496115	2.82	cps
Lithium	6-1	3757196	3887050	3945398	3863215	2.49	cps
Magnesium	24-2	123975736	125366469	125301575	124881260	0.63	cps
Manganese	55-2	16100785	16106093	15925988	16044289	0.64	cps
Molybdenum	94-1	18030706	19069049	19305424	18801726	3.61	cps
Molybdenum	95-1	25314379	27293994	27560023	26722799	4.59	cps
Molybdenum	96-1	28286077	29811911	30100620	29399536	3.32	cps
Molybdenum	97-1	15835331	16924788	17111281	16623800	4.15	cps
Molybdenum	98-1	40881660	43486523	44178431	42848871	4.06	cps
Neodymium	150-1	573	533	480	529	8.85	cps
Neodymium	150-2	127	123	87	112	19.78	cps
Nickel	60-2	881668	876927	875116	877904	0.39	cps
Phosphorus	31-2	152008	153218	152076	152434	0.45	cps
Potassium	39-2	65333431	64523170	64360722	64739108	0.80	cps
Rhodium	103-1	9813199	10495401	10583354	10297318	4.09	cps
Rhodium	103-2	5354681	5446845	5397281	5399602	0.85	cps
Scandium	45-1	7872785	8458794	8635371	8322317	4.80	cps
Scandium	45-2	652903	652033	646442	650460	0.54	cps
Selenium	82-1	88416	91080	92699	90731	2.38	cps
Selenium	77-2	8279	8056	8096	8143	1.46	cps
Selenium	78-2	27346	27147	27002	27165	0.63	cps
Silicon	28-1	28598730	29921157	30443967	29654618	3.21	cps
Silver	107-1	6057733	6407203	6549757	6338231	3.99	cps
Silver	109-1	5772749	6101787	6201905	6025480	3.73	cps
Sodium	23-2	207856849	205904955	202865371	205542392	1.22	cps
Strontium	86-1	42216347	44644249	44248063	43702886	2.98	cps
Strontium	88-1	368738375	386156142	386189825	380361447	2.65	cps
Sulfur	34-1	996227	1151932	1023966	1057375	7.85	cps
Terbium	159-1	13540376	14347318	14495187	14127627	3.64	cps
Terbium	159-2	8418048	8395478	8421316	8411614	0.17	cps
Thallium	203-1	4510686	4624216	4710983	4615295	2.18	cps
Thallium	205-1	10795353	11150483	11200508	11048781	2.00	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:28:08	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3808169	3985107	4097341	3963539	3.68	cps
Titanium	47-1	7703398	8246141	8381991	8110510	4.43	cps
Uranium	238-1	14786203	15359572	15698799	15281524	3.02	cps
Vanadium	51-2	1919617	1955031	1926445	1933698	0.97	cps
Yttrium	89-1	16649575	17680513	18113005	17481031	4.30	cps
Yttrium	89-2	3712911	3717117	3701255	3710428	0.22	cps
Zinc	66-2	3852423	3818342	3809585	3826783	0.59	cps
Zirconium	90-1	8994610	9647843	9869000	9503818	4.78	cps
Zirconium	91-1	2010251	2175379	2199295	2128308	4.84	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:33:59	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1322	1150	1222	1232	7.02	cps
Antimony	121-1	1267	1200	1175	1214	3.90	cps
Arsenic	75-2	11	7	9	9	19.98	cps
Barium	135-1	150	233	142	175	28.97	cps
Barium	137-1	317	400	408	375	13.52	cps
Beryllium	9-1	183	217	130	177	24.75	cps
Bismuth	209-1	8770031	9003396	9358865	9044097	3.28	cps
Bismuth	209-2	6883611	6954122	6893184	6910305	0.55	cps
Boron	10-1	2050	1817	1942	1936	6.03	cps
Boron	11-1	9111	9220	8794	9042	2.44	cps
Bromine	81-1	16393	16935	16209	16512	2.29	cps
Bromine	81-2	170	50	100	107	56.51	cps
Cadmium	111-1	4622	5461	5256	5113	8.55	cps
Cadmium	106-1	6535	7686	7435	7219	8.38	cps
Cadmium	108-1	33	33	17	28	34.63	cps
Calcium	43-1	625	725	775	708	10.78	cps
Calcium	44-1	19931	21875	22175	21327	5.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1530	1537	1423	1497	4.25	cps
Cobalt	59-2	220	193	183	199	9.53	cps
Copper	63-2	4317	4267	4154	4246	1.97	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	67	83	83	78	12.37	cps
Erbium	164-2	33	30	33	32	5.97	cps
Gadolinium	160-1	100	125	83	103	20.40	cps
Gadolinium	160-2	1240	1160	1280	1227	4.98	cps
Holmium	165-1	13391071	14105304	14235200	13910525	3.27	cps
Holmium	165-2	8629458	8725345	8753443	8702749	0.75	cps
Indium	115-1	11005552	11732967	11816389	11518303	3.87	cps
Indium	115-2	3587807	3627730	3521064	3578867	1.51	cps
Iron	56-2	39134	34429	32586	35383	9.54	cps
Iron	57-2	2967	2995	2778	2913	4.05	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:33:59	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3164	2943	2943	3017	4.22	cps
Krypton	83-1	417	450	460	442	5.13	cps
Lead	206-1	3439	3350	3289	3360	2.25	cps
Lead	207-1	2595	2823	2634	2684	4.54	cps
Lead	208-1	10102	9894	9936	9977	1.11	cps
Lithium	6-1	3857136	4051874	4138968	4015993	3.59	cps
Magnesium	24-2	5101	4562	4334	4666	8.44	cps
Manganese	55-2	1383	1387	1317	1362	2.90	cps
Molybdenum	94-1	1050	1508	1350	1303	17.87	cps
Molybdenum	95-1	1250	1608	1675	1511	15.13	cps
Molybdenum	96-1	1333	1583	1975	1631	19.84	cps
Molybdenum	97-1	725	1008	933	889	16.52	cps
Molybdenum	98-1	1984	2684	2842	2503	18.25	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	733	833	727	764	7.82	cps
Phosphorus	31-2	1358	1600	1250	1403	12.77	cps
Potassium	39-2	107084	107662	103366	106037	2.20	cps
Rhodium	103-1	10761524	11450288	11514661	11242157	3.71	cps
Rhodium	103-2	5932157	6035129	5953264	5973517	0.91	cps
Scandium	45-1	8234290	8670546	8638776	8514537	2.86	cps
Scandium	45-2	648504	643729	645988	646074	0.37	cps
Selenium	82-1	117	76	44	79	46.43	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	163	143	176	160	10.47	cps
Silicon	28-1	774076	771752	771772	772533	0.17	cps
Silver	107-1	1208	1133	1175	1172	3.21	cps
Silver	109-1	1025	983	858	956	9.08	cps
Sodium	23-2	45228	45434	45049	45237	0.43	cps
Strontium	86-1	1783	2142	2392	2106	14.52	cps
Strontium	88-1	10271	13431	13949	12550	15.87	cps
Sulfur	34-1	463347	463246	457449	461347	0.73	cps
Terbium	159-1	13809112	14498304	14551874	14286430	2.90	cps
Terbium	159-2	8424526	8487786	8703515	8538609	1.71	cps
Thallium	203-1	917	800	775	831	9.10	cps
Thallium	205-1	1867	1975	1800	1881	4.70	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:33:59	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	7728	9029	8386	8381	7.76	cps
Titanium	47-1	442	517	700	553	24.04	cps
Uranium	238-1	350	483	483	439	17.54	cps
Vanadium	51-2	77	77	73	76	2.55	cps
Yttrium	89-1	17174809	18258501	18254050	17895787	3.49	cps
Yttrium	89-2	3777923	3743917	3749525	3757122	0.49	cps
Zinc	66-2	717	577	657	650	10.81	cps
Zirconium	90-1	1167	1125	1233	1175	4.65	cps
Zirconium	91-1	225	167	250	214	19.99	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:36:52	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7057	6846	7013	6972	1.60	cps
Antimony	121-1	19272	20181	19672	19708	2.31	cps
Arsenic	75-2	557	585	511	551	6.79	cps
Barium	135-1	23587	24388	23904	23960	1.68	cps
Barium	137-1	40885	41912	42239	41679	1.70	cps
Beryllium	9-1	2944	2914	2940	2933	0.56	cps
Bismuth	209-1	9229144	9449210	9342944	9340432	1.18	cps
Bismuth	209-2	6943237	6897263	6880468	6906989	0.47	cps
Boron	10-1	9161	9153	10012	9442	5.23	cps
Boron	11-1	43177	47223	48861	46420	6.30	cps
Bromine	81-1	16134	16118	16501	16251	1.33	cps
Bromine	81-2	30	30	100	53	75.78	cps
Cadmium	111-1	8548	8777	8526	8617	1.62	cps
Cadmium	106-1	8294	8578	8361	8411	1.76	cps
Cadmium	108-1	250	283	229	254	10.75	cps
Calcium	43-1	19121	19455	19213	19263	0.89	cps
Calcium	44-1	302853	313318	316590	310920	2.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11134	11138	10834	11035	1.58	cps
Cobalt	59-2	7215	7302	7262	7260	0.60	cps
Copper	63-2	14507	14194	14027	14242	1.71	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	67	92	67	37.50	cps
Erbium	164-2	50	27	40	39	30.10	cps
Gadolinium	160-1	125	83	83	97	24.74	cps
Gadolinium	160-2	1200	1357	1283	1280	6.12	cps
Holmium	165-1	14476938	14603211	14582947	14554365	0.47	cps
Holmium	165-2	8758095	8780970	8755445	8764837	0.16	cps
Indium	115-1	11881196	12022888	12053351	11985812	0.77	cps
Indium	115-2	3592950	3603217	3634604	3610257	0.60	cps
Iron	56-2	239900	239014	236148	238354	0.82	cps
Iron	57-2	8797	8886	9281	8988	2.86	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:36:52	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14843	14963	15474	15093	2.22	cps
Krypton	83-1	460	483	473	472	2.48	cps
Lead	206-1	9731	9848	9726	9768	0.71	cps
Lead	207-1	8347	8286	8558	8397	1.70	cps
Lead	208-1	30039	30289	30515	30281	0.79	cps
Lithium	6-1	4010807	4105348	4173157	4096437	1.99	cps
Magnesium	24-2	270109	269184	268156	269150	0.36	cps
Manganese	55-2	4591	4651	4731	4657	1.51	cps
Molybdenum	94-1	22802	23169	24179	23383	3.05	cps
Molybdenum	95-1	27827	28670	29472	28656	2.87	cps
Molybdenum	96-1	31401	32996	33013	32470	2.85	cps
Molybdenum	97-1	16710	17452	17853	17338	3.34	cps
Molybdenum	98-1	45229	46458	46307	45998	1.46	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2244	2577	2544	2455	7.48	cps
Phosphorus	31-2	1583	1733	1608	1642	4.90	cps
Potassium	39-2	390717	387306	383909	387310	0.88	cps
Rhodium	103-1	11673846	11981393	11935618	11863619	1.40	cps
Rhodium	103-2	6030181	6040621	6059130	6043311	0.24	cps
Scandium	45-1	8555547	8892962	8827377	8758629	2.04	cps
Scandium	45-2	665122	658973	650665	658253	1.10	cps
Selenium	82-1	1015	1048	1119	1061	5.02	cps
Selenium	77-2	107	73	100	93	18.90	cps
Selenium	78-2	430	461	407	433	6.24	cps
Silicon	28-1	810529	810542	808937	810003	0.11	cps
Silver	107-1	10688	12264	12214	11722	7.64	cps
Silver	109-1	9545	11497	12614	11219	13.85	cps
Sodium	23-2	475279	470408	476141	473943	0.65	cps
Strontium	86-1	4668	4776	4901	4781	2.44	cps
Strontium	88-1	33973	35201	35543	34906	2.37	cps
Sulfur	34-1	474472	475477	469067	473005	0.73	cps
Terbium	159-1	14820423	14793929	14915866	14843406	0.43	cps
Terbium	159-2	8624839	8601274	8621722	8615945	0.15	cps
Thallium	203-1	10271	10054	10446	10257	1.91	cps
Thallium	205-1	23512	25199	25140	24617	3.89	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:36:52	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	46501	48164	48340	47668	2.13	cps
Titanium	47-1	8277	8653	8961	8630	3.97	cps
Uranium	238-1	28064	28256	28382	28234	0.57	cps
Vanadium	51-2	20097	19690	19917	19901	1.03	cps
Yttrium	89-1	18436094	18712805	18718706	18622535	0.87	cps
Yttrium	89-2	3787036	3789286	3789106	3788476	0.03	cps
Zinc	66-2	2270	2560	2490	2440	6.20	cps
Zirconium	90-1	19155	19705	20590	19817	3.65	cps
Zirconium	91-1	4226	4234	4643	4367	5.46	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-01DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:40:00	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	419981	414672	418471	417708	0.65	cps
Antimony	121-1	475	458	608	514	16.00	cps
Arsenic	75-2	124	109	122	119	6.81	cps
Barium	135-1	19681	20707	21517	20635	4.46	cps
Barium	137-1	35311	35261	36080	35551	1.29	cps
Beryllium	9-1	157	147	167	157	6.38	cps
Bismuth	209-1	9157800	9108746	9436181	9234243	1.91	cps
Bismuth	209-2	6912976	6987192	6926504	6942224	0.57	cps
Boron	10-1	75695	83802	83240	80912	5.59	cps
Boron	11-1	382091	421035	424950	409359	5.79	cps
Bromine	81-1	17185	18762	18604	18184	4.78	cps
Bromine	81-2	420	360	400	394	7.77	cps
Cadmium	111-1	55391	57062	58138	56864	2.43	cps
Cadmium	106-1	12981	13048	13381	13137	1.63	cps
Cadmium	108-1	3617	3680	3851	3716	3.25	cps
Calcium	43-1	745526	784820	789661	773336	3.13	cps
Calcium	44-1	11345442	11825520	11841790	11670917	2.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3120	3114	3254	3163	2.50	cps
Cobalt	59-2	42426	42911	43506	42948	1.26	cps
Copper	63-2	6749395	6820363	6687035	6752265	0.99	cps
Dysprosium	156-1	4234	4468	4701	4467	5.22	cps
Dysprosium	156-2	3260	3274	3114	3216	2.76	cps
Erbium	164-1	6110	5243	6035	5796	8.29	cps
Erbium	164-2	3480	3567	3601	3549	1.75	cps
Gadolinium	160-1	4826	5093	5118	5012	3.23	cps
Gadolinium	160-2	4511	4337	4554	4467	2.57	cps
Holmium	165-1	14517542	14648066	14849810	14671806	1.14	cps
Holmium	165-2	8822547	9009822	8876705	8903025	1.08	cps
Indium	115-1	11820189	11894795	12055465	11923483	1.01	cps
Indium	115-2	3703308	3718691	3706956	3709651	0.22	cps
Iron	56-2	5914123	5956067	5903219	5924469	0.47	cps
Iron	57-2	181044	181122	181948	181371	0.28	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-01DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:40:00	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	345677	339466	340502	341882	0.97	cps
Krypton	83-1	410	550	450	470	15.34	cps
Lead	206-1	20516	21028	20683	20742	1.26	cps
Lead	207-1	17206	17122	16983	17104	0.66	cps
Lead	208-1	59873	61876	62604	61451	2.30	cps
Lithium	6-1	3980680	4053545	4085955	4040060	1.33	cps
Magnesium	24-2	3410852	3382710	3418489	3404017	0.55	cps
Manganese	55-2	1054360	1043172	1054544	1050692	0.62	cps
Molybdenum	94-1	1008	1058	967	1011	4.54	cps
Molybdenum	95-1	950	1042	1208	1067	12.28	cps
Molybdenum	96-1	1108	1333	1233	1225	9.20	cps
Molybdenum	97-1	575	683	667	642	9.09	cps
Molybdenum	98-1	1350	1917	1600	1622	17.51	cps
Neodymium	150-1	4294	4788	4734	4605	5.88	cps
Neodymium	150-2	2524	2410	2244	2392	5.89	cps
Nickel	60-2	14147	14614	14347	14369	1.63	cps
Phosphorus	31-2	1467	1467	1500	1478	1.30	cps
Potassium	39-2	224561	218240	220826	221209	1.44	cps
Rhodium	103-1	11618860	11689005	11888579	11732148	1.19	cps
Rhodium	103-2	6048007	6024356	6057464	6043276	0.28	cps
Scandium	45-1	8788712	8845679	8975252	8869881	1.08	cps
Scandium	45-2	669645	665875	667179	667566	0.29	cps
Selenium	82-1	178	9	211	132	81.50	cps
Selenium	77-2	13	23	30	22	37.76	cps
Selenium	78-2	191	181	185	186	2.51	cps
Silicon	28-1	23910872	24861105	24827504	24533160	2.20	cps
Silver	107-1	1008	975	908	964	5.28	cps
Silver	109-1	817	1017	783	872	14.47	cps
Sodium	23-2	2027316	2010383	2053463	2030387	1.07	cps
Strontium	86-1	390565	409830	413628	404674	3.06	cps
Strontium	88-1	3376792	3561330	3594207	3510776	3.34	cps
Sulfur	34-1	2555236	2633635	2613609	2600826	1.57	cps
Terbium	159-1	14600357	14848251	15077311	14841973	1.61	cps
Terbium	159-2	8796724	8780651	8865129	8814168	0.51	cps
Thallium	203-1	1725	1767	1533	1675	7.43	cps
Thallium	205-1	3701	3851	3726	3759	2.14	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-01DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:40:00	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	7160	7144	7102	7135	0.42	cps
Titanium	47-1	1158	1367	1242	1256	8.35	cps
Uranium	238-1	2300	2542	2459	2434	5.04	cps
Vanadium	51-2	377	383	357	372	3.73	cps
Yttrium	89-1	18647906	18793108	18952852	18797956	0.81	cps
Yttrium	89-2	3890423	3895379	3909578	3898460	0.26	cps
Zinc	66-2	4159428	4209406	4184340	4184391	0.60	cps
Zirconium	90-1	850	1050	1150	1017	15.03	cps
Zirconium	91-1	217	183	258	219	17.12	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-02DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50D	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:42:47	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	414678	413533	413260	413823	0.18	cps
Antimony	121-1	408	283	292	328	21.32	cps
Arsenic	75-2	133	106	102	114	15.15	cps
Barium	135-1	20040	21125	20974	20713	2.84	cps
Barium	137-1	35921	35846	37308	36358	2.26	cps
Beryllium	9-1	157	133	140	143	8.38	cps
Bismuth	209-1	9641055	9415786	9399635	9485492	1.42	cps
Bismuth	209-2	7004841	6978659	6998160	6993886	0.19	cps
Boron	10-1	78716	83575	84179	82157	3.65	cps
Boron	11-1	401048	424521	429493	418354	3.63	cps
Bromine	81-1	18295	18796	19280	18790	2.62	cps
Bromine	81-2	380	300	350	344	11.77	cps
Cadmium	111-1	55849	56440	58313	56867	2.26	cps
Cadmium	106-1	13457	12556	13190	13067	3.54	cps
Cadmium	108-1	3438	3742	3659	3613	4.35	cps
Calcium	43-1	749256	777566	795208	774010	2.99	cps
Calcium	44-1	11309470	11605376	12007230	11640692	3.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3194	3197	3250	3214	0.99	cps
Cobalt	59-2	43349	43389	43199	43312	0.23	cps
Copper	63-2	6655166	6676389	6673688	6668414	0.17	cps
Dysprosium	156-1	4126	4701	4693	4506	7.32	cps
Dysprosium	156-2	3484	3420	3220	3375	4.07	cps
Erbium	164-1	5585	5576	6235	5799	6.52	cps
Erbium	164-2	3570	3467	3644	3560	2.49	cps
Gadolinium	160-1	4701	5134	5093	4976	4.81	cps
Gadolinium	160-2	4191	4551	4117	4286	5.41	cps
Holmium	165-1	15007632	14633406	14709811	14783617	1.34	cps
Holmium	165-2	8876648	8863761	8921122	8887177	0.34	cps
Indium	115-1	12243404	12068865	12373455	12228575	1.25	cps
Indium	115-2	3610246	3690666	3607796	3636236	1.30	cps
Iron	56-2	5812267	5880093	5830343	5840901	0.60	cps
Iron	57-2	180932	183344	180470	181582	0.85	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-02DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50D	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:42:47	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	339144	342291	341653	341029	0.49	cps
Krypton	83-1	500	537	550	529	4.90	cps
Lead	206-1	19459	20366	20499	20108	2.82	cps
Lead	207-1	16310	17573	17245	17042	3.84	cps
Lead	208-1	60345	61018	62743	61369	2.02	cps
Lithium	6-1	4075252	3986819	4029439	4030503	1.10	cps
Magnesium	24-2	3432343	3466860	3376111	3425105	1.34	cps
Manganese	55-2	1039703	1045478	1030838	1038673	0.71	cps
Molybdenum	94-1	750	908	792	817	10.05	cps
Molybdenum	95-1	875	875	992	914	7.37	cps
Molybdenum	96-1	867	892	1050	936	10.62	cps
Molybdenum	97-1	517	525	575	539	5.86	cps
Molybdenum	98-1	1258	1658	1433	1450	13.83	cps
Neodymium	150-1	4247	4561	4534	4447	3.91	cps
Neodymium	150-2	2527	2477	2324	2442	4.34	cps
Nickel	60-2	13970	14304	13963	14079	1.38	cps
Phosphorus	31-2	1575	1450	1442	1489	5.02	cps
Potassium	39-2	220665	218805	221056	220175	0.55	cps
Rhodium	103-1	12078241	11842892	11907861	11942998	1.02	cps
Rhodium	103-2	6131118	6157909	5986248	6091758	1.52	cps
Scandium	45-1	8996483	8948598	9073098	9006060	0.70	cps
Scandium	45-2	669007	663486	664486	665660	0.44	cps
Selenium	82-1	101	-3	54	51	103.60	cps
Selenium	77-2	7	33	7	16	98.94	cps
Selenium	78-2	172	209	231	204	14.65	cps
Silicon	28-1	24239688	24591375	24807731	24546264	1.17	cps
Silver	107-1	717	583	642	647	10.33	cps
Silver	109-1	392	533	392	439	18.64	cps
Sodium	23-2	1999739	2042264	2024233	2022079	1.06	cps
Strontium	86-1	399037	400623	415344	405001	2.22	cps
Strontium	88-1	3452507	3532485	3586029	3523673	1.91	cps
Sulfur	34-1	2551334	2603926	2589746	2581669	1.05	cps
Terbium	159-1	15491344	15003274	15272010	15255543	1.60	cps
Terbium	159-2	8800517	8730291	8796968	8775925	0.45	cps
Thallium	203-1	1317	1542	1092	1317	17.09	cps
Thallium	205-1	3676	3359	3417	3484	4.84	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-02DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50D	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:42:47	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	14815	7402	7878	10032	41.36	cps
Titanium	47-1	1142	1158	1283	1195	6.48	cps
Uranium	238-1	2650	2467	2634	2584	3.92	cps
Vanadium	51-2	353	347	360	353	1.89	cps
Yttrium	89-1	19142395	19044566	19266958	19151307	0.58	cps
Yttrium	89-2	3879729	3918985	3830008	3876241	1.15	cps
Zinc	66-2	4250042	4157673	4128891	4178869	1.51	cps
Zirconium	90-1	1050	925	1017	997	6.49	cps
Zirconium	91-1	233	258	192	228	14.79	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	YBF50L	Dilution Factor :	25
Date & Time Acquired :	2022-10-02 17:45:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82353	82833	81426	82204	0.87	cps
Antimony	121-1	158	183	200	181	11.62	cps
Arsenic	75-2	22	24	30	25	15.24	cps
Barium	135-1	4167	4409	4317	4298	2.84	cps
Barium	137-1	6593	7027	7019	6880	3.60	cps
Beryllium	9-1	117	83	97	99	16.97	cps
Bismuth	209-1	9522406	9575185	9633479	9577023	0.58	cps
Bismuth	209-2	6978638	7097058	7000241	7025313	0.90	cps
Boron	10-1	17285	19079	19938	18767	7.21	cps
Boron	11-1	89392	96400	96064	93952	4.21	cps
Bromine	81-1	18687	17903	17619	18070	3.06	cps
Bromine	81-2	180	140	100	140	28.57	cps
Cadmium	111-1	15817	16074	16183	16025	1.17	cps
Cadmium	106-1	9553	9337	9603	9498	1.49	cps
Cadmium	108-1	754	617	788	719	12.59	cps
Calcium	43-1	149204	156275	156712	154064	2.74	cps
Calcium	44-1	2239803	2349515	2387829	2325715	3.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1857	1890	1753	1833	3.89	cps
Cobalt	59-2	8376	8249	8533	8386	1.69	cps
Copper	63-2	1315576	1319471	1313913	1316320	0.22	cps
Dysprosium	156-1	942	800	800	847	9.65	cps
Dysprosium	156-2	690	680	647	672	3.37	cps
Erbium	164-1	983	1083	1183	1083	9.23	cps
Erbium	164-2	750	793	790	778	3.10	cps
Gadolinium	160-1	1117	1092	1017	1075	4.84	cps
Gadolinium	160-2	1850	1733	1893	1826	4.53	cps
Holmium	165-1	14965275	15150586	15004049	15039970	0.65	cps
Holmium	165-2	8814521	8852914	8752490	8806642	0.58	cps
Indium	115-1	12123172	12412965	12249383	12261840	1.18	cps
Indium	115-2	3722701	3661812	3643592	3676035	1.13	cps
Iron	56-2	1197355	1208781	1204143	1203426	0.48	cps
Iron	57-2	37814	37480	38093	37796	0.81	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	YBF50L	Dilution Factor :	25
Date & Time Acquired :	2022-10-02 17:45:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	68213	68797	68535	68515	0.43	cps
Krypton	83-1	567	567	480	538	9.30	cps
Lead	206-1	4968	5318	5034	5107	3.64	cps
Lead	207-1	4123	4345	4484	4317	4.22	cps
Lead	208-1	14460	15291	14546	14766	3.09	cps
Lithium	6-1	3956284	4088505	4006897	4017229	1.66	cps
Magnesium	24-2	672493	670434	677376	673434	0.53	cps
Manganese	55-2	205329	206430	205558	205772	0.28	cps
Molybdenum	94-1	433	417	375	408	7.36	cps
Molybdenum	95-1	333	333	258	308	14.04	cps
Molybdenum	96-1	317	417	458	397	18.33	cps
Molybdenum	97-1	192	217	250	219	13.34	cps
Molybdenum	98-1	550	433	625	536	18.02	cps
Neodymium	150-1	787	993	933	904	11.75	cps
Neodymium	150-2	477	383	467	442	11.59	cps
Nickel	60-2	3327	3244	3257	3276	1.37	cps
Phosphorus	31-2	1483	1433	1217	1378	10.29	cps
Potassium	39-2	123860	125346	126935	125380	1.23	cps
Rhodium	103-1	12096277	12029343	12128472	12084698	0.42	cps
Rhodium	103-2	6124363	6115871	6061324	6100519	0.56	cps
Scandium	45-1	9039408	9060724	9144233	9081455	0.61	cps
Scandium	45-2	668953	670997	665652	668534	0.40	cps
Selenium	82-1	-54	-26	36	-15	-313.67	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	189	156	170	172	9.73	cps
Silicon	28-1	5444328	5720702	5714990	5626673	2.81	cps
Silver	107-1	533	333	292	386	33.46	cps
Silver	109-1	250	317	242	269	15.26	cps
Sodium	23-2	426811	420464	422078	423117	0.78	cps
Strontium	86-1	78703	82187	82187	81026	2.48	cps
Strontium	88-1	674536	714947	710759	700081	3.17	cps
Sulfur	34-1	851488	867124	858649	859087	0.91	cps
Terbium	159-1	15198686	15132102	15182519	15171102	0.23	cps
Terbium	159-2	8678016	8708810	8737914	8708247	0.34	cps
Thallium	203-1	517	483	592	531	10.46	cps
Thallium	205-1	1300	1442	1800	1514	17.02	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	YBF50L	Dilution Factor :	25
Date & Time Acquired :	2022-10-02 17:45:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	8213	8695	7986	8298	4.36	cps
Titanium	47-1	433	417	508	453	10.79	cps
Uranium	238-1	433	583	600	539	17.03	cps
Vanadium	51-2	73	83	103	87	17.63	cps
Yttrium	89-1	19099700	19367086	19327912	19264899	0.75	cps
Yttrium	89-2	3927771	3917338	3815548	3886886	1.60	cps
Zinc	66-2	818591	819784	819853	819409	0.09	cps
Zirconium	90-1	883	700	800	794	11.55	cps
Zirconium	91-1	83	158	158	133	32.47	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-03DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50S	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:48:23	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	524276	525397	522788	524154	0.25	cps
Antimony	121-1	200421	206392	207458	204757	1.85	cps
Arsenic	75-2	4297	4403	4169	4290	2.72	cps
Barium	135-1	977506	1022054	1030275	1009945	2.81	cps
Barium	137-1	1709678	1754733	1778568	1747660	2.00	cps
Beryllium	9-1	23949	24950	24873	24591	2.27	cps
Bismuth	209-1	9444569	9501822	9641388	9529260	1.06	cps
Bismuth	209-2	7000886	7010293	6999076	7003418	0.09	cps
Boron	10-1	76807	82268	83793	80956	4.54	cps
Boron	11-1	390574	411299	422571	408148	3.98	cps
Bromine	81-1	19280	18445	19897	19207	3.79	cps
Bromine	81-2	410	320	501	410	21.95	cps
Cadmium	111-1	80348	85679	86371	84133	3.92	cps
Cadmium	106-1	14950	15884	16401	15745	4.67	cps
Cadmium	108-1	5480	5680	5526	5562	1.88	cps
Calcium	43-1	759748	784471	787948	777389	1.98	cps
Calcium	44-1	11535214	11772200	11862396	11723270	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	191364	190156	191081	190867	0.33	cps
Cobalt	59-2	770942	767938	766527	768469	0.29	cps
Copper	63-2	6945346	6904277	6836690	6895438	0.80	cps
Dysprosium	156-1	4442	4292	4434	4390	1.92	cps
Dysprosium	156-2	3000	3260	3280	3180	4.91	cps
Erbium	164-1	5435	5993	5801	5743	4.94	cps
Erbium	164-2	3557	3771	3540	3623	3.54	cps
Gadolinium	160-1	4768	4868	4943	4859	1.81	cps
Gadolinium	160-2	4187	4454	4497	4380	3.83	cps
Holmium	165-1	14812447	14887192	15044100	14914580	0.79	cps
Holmium	165-2	8890697	8910332	8902421	8901150	0.11	cps
Indium	115-1	11953273	12372264	12307803	12211113	1.85	cps
Indium	115-2	3667300	3660646	3675599	3667848	0.20	cps
Iron	56-2	6852068	6843286	6761551	6818968	0.73	cps
Iron	57-2	207108	206591	206837	206845	0.12	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-03DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50S	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:48:23	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	401766	403060	401522	402116	0.21	cps
Krypton	83-1	537	470	500	502	6.65	cps
Lead	206-1	52763	51498	54559	52940	2.91	cps
Lead	207-1	44033	44557	45972	44854	2.24	cps
Lead	208-1	156570	158355	163456	159461	2.24	cps
Lithium	6-1	3909646	3981654	3998518	3963273	1.19	cps
Magnesium	24-2	3376151	3374402	3365293	3371949	0.17	cps
Manganese	55-2	1369663	1368131	1356123	1364639	0.54	cps
Molybdenum	94-1	33614	34566	34867	34349	1.90	cps
Molybdenum	95-1	57974	59396	60091	59153	1.82	cps
Molybdenum	96-1	62568	64083	63497	63383	1.21	cps
Molybdenum	97-1	35594	36521	37465	36527	2.56	cps
Molybdenum	98-1	91738	94287	94404	93476	1.61	cps
Neodymium	150-1	4788	4681	4881	4783	2.09	cps
Neodymium	150-2	2310	2204	2514	2342	6.72	cps
Nickel	60-2	204724	203180	202515	203473	0.56	cps
Phosphorus	31-2	1400	1350	1658	1470	11.26	cps
Potassium	39-2	216023	217446	216448	216639	0.34	cps
Rhodium	103-1	11784661	12130210	11971778	11962216	1.45	cps
Rhodium	103-2	6196964	6089396	6125907	6137422	0.89	cps
Scandium	45-1	8950504	9083678	9090517	9041566	0.87	cps
Scandium	45-2	663195	669554	669180	667310	0.53	cps
Selenium	82-1	3838	4092	4119	4017	3.86	cps
Selenium	77-2	380	427	327	378	13.25	cps
Selenium	78-2	1298	1261	1313	1291	2.07	cps
Silicon	28-1	24158111	25006545	24716123	24626926	1.75	cps
Silver	107-1	119280	129568	136151	128333	6.63	cps
Silver	109-1	112066	125969	129988	122674	7.67	cps
Sodium	23-2	2021976	2003390	2027711	2017692	0.63	cps
Strontium	86-1	502128	518335	518515	512993	1.83	cps
Strontium	88-1	4349638	4503265	4494840	4449248	1.94	cps
Sulfur	34-1	2553635	2592471	2562365	2569490	0.79	cps
Terbium	159-1	14907267	15289416	15369312	15188665	1.63	cps
Terbium	159-2	8711119	8776201	8737182	8741501	0.37	cps
Thallium	203-1	96708	100009	100604	99107	2.12	cps
Thallium	205-1	230846	236913	243658	237139	2.70	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4606-03DLX5	Instrumnet Name :	P7
Client Sample ID :	YBF50S	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 17:48:23	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	7627	8036	11243	8969	22.08	cps
Titanium	47-1	1308	1433	1208	1317	8.56	cps
Uranium	238-1	1114890	1149049	1148652	1137530	1.72	cps
Vanadium	51-2	403015	400502	404695	402737	0.52	cps
Yttrium	89-1	19059108	19500664	19439956	19333242	1.24	cps
Yttrium	89-2	3921886	3927445	3835404	3894912	1.33	cps
Zinc	66-2	4181002	4233681	4174241	4196308	0.78	cps
Zirconium	90-1	933	942	800	892	8.92	cps
Zirconium	91-1	175	133	208	172	21.82	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	PB147699BL	Instrumnet Name :	P7
Client Sample ID :	PB147699BL	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:57:37	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	344	367	311	341	8.21	cps
Antimony	121-1	125	150	117	131	13.28	cps
Arsenic	75-2	0	7	2	3	124.95	cps
Barium	135-1	108	100	100	103	4.68	cps
Barium	137-1	75	233	150	153	51.84	cps
Beryllium	9-1	83	77	83	81	4.74	cps
Bismuth	209-1	9244378	9225356	9306294	9258676	0.46	cps
Bismuth	209-2	6931915	6943071	6940677	6938554	0.08	cps
Boron	10-1	1200	1075	1133	1136	5.50	cps
Boron	11-1	5251	5318	5018	5195	3.03	cps
Bromine	81-1	18237	17043	18370	17883	4.08	cps
Bromine	81-2	120	100	110	110	9.10	cps
Cadmium	111-1	5122	4824	5065	5004	3.16	cps
Cadmium	106-1	7310	6868	7227	7135	3.29	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	392	442	325	386	15.16	cps
Calcium	44-1	17261	17503	17811	17525	1.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1613	1510	1510	1545	3.86	cps
Cobalt	59-2	127	123	167	139	17.36	cps
Copper	63-2	3730	3590	3500	3607	3.21	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	42	100	58	67	45.07	cps
Erbium	164-2	43	47	47	46	4.23	cps
Gadolinium	160-1	133	58	92	94	39.79	cps
Gadolinium	160-2	1253	1087	1147	1162	7.26	cps
Holmium	165-1	14218329	14642939	14639278	14500182	1.68	cps
Holmium	165-2	8798108	8807087	8808707	8804634	0.06	cps
Indium	115-1	12059146	12195800	12465256	12240067	1.69	cps
Indium	115-2	3699443	3670201	3672288	3680644	0.44	cps
Iron	56-2	13946	13451	13807	13734	1.86	cps
Iron	57-2	2561	2756	2773	2697	4.35	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	PB147699BL	Instrumnet Name :	P7
Client Sample ID :	PB147699BL	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:57:37	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1832	2032	1822	1895	6.26	cps
Krypton	83-1	577	470	547	531	10.36	cps
Lead	206-1	911	750	683	782	14.99	cps
Lead	207-1	678	694	650	674	3.33	cps
Lead	208-1	2356	2422	2384	2387	1.40	cps
Lithium	6-1	3860018	4001722	3976919	3946220	1.92	cps
Magnesium	24-2	967	861	806	878	9.32	cps
Manganese	55-2	1010	1040	1057	1036	2.28	cps
Molybdenum	94-1	300	200	300	267	21.65	cps
Molybdenum	95-1	92	108	142	114	22.35	cps
Molybdenum	96-1	142	208	208	186	20.68	cps
Molybdenum	97-1	92	42	50	61	43.83	cps
Molybdenum	98-1	167	358	233	253	38.49	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	373	487	497	452	15.15	cps
Phosphorus	31-2	1442	1483	1333	1420	5.45	cps
Potassium	39-2	102544	102184	102158	102296	0.21	cps
Rhodium	103-1	12052871	12042028	12062801	12052567	0.09	cps
Rhodium	103-2	6117397	6169734	6120380	6135837	0.48	cps
Scandium	45-1	8970908	9083777	9024707	9026464	0.63	cps
Scandium	45-2	668402	661622	661861	663962	0.58	cps
Selenium	82-1	33	55	-8	27	121.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	137	148	163	149	8.71	cps
Silicon	28-1	751115	753780	746947	750614	0.46	cps
Silver	107-1	333	317	267	306	11.35	cps
Silver	109-1	317	258	217	264	19.04	cps
Sodium	23-2	27848	27141	27402	27464	1.30	cps
Strontium	86-1	1183	917	950	1017	14.29	cps
Strontium	88-1	917	1375	1458	1250	23.34	cps
Sulfur	34-1	479063	477307	478149	478173	0.18	cps
Terbium	159-1	14849753	15019178	14812143	14893691	0.74	cps
Terbium	159-2	8675575	8491072	8560491	8575712	1.09	cps
Thallium	203-1	267	183	200	217	20.35	cps
Thallium	205-1	550	683	667	633	11.47	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	PB147699BL	Instrumnet Name :	P7
Client Sample ID :	PB147699BL	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 17:57:37	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	9395	8419	8153	8656	7.56	cps
Titanium	47-1	225	200	217	214	5.95	cps
Uranium	238-1	25	75	108	69	60.40	cps
Vanadium	51-2	23	33	33	30	19.25	cps
Yttrium	89-1	18924682	19275387	19141303	19113790	0.93	cps
Yttrium	89-2	3876094	3924658	3849212	3883321	0.98	cps
Zinc	66-2	910	903	827	880	5.26	cps
Zirconium	90-1	992	767	917	892	12.85	cps
Zirconium	91-1	150	83	133	122	28.38	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	PB147699BS	Instrumnet Name :	P7
Client Sample ID :	PB147699BS	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:00:29	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2907237	2878666	2837840	2874581	1.21	cps
Antimony	121-1	4514727	4856699	4831870	4734432	4.03	cps
Arsenic	75-2	248805	246318	247773	247632	0.50	cps
Barium	135-1	5876964	6187112	6314423	6126167	3.67	cps
Barium	137-1	9923920	10644637	10703883	10424146	4.17	cps
Beryllium	9-1	1134060	1170484	1219073	1174539	3.63	cps
Bismuth	209-1	9957709	9334203	9215470	9502461	4.20	cps
Bismuth	209-2	6654803	6813807	6845046	6771219	1.51	cps
Boron	10-1	555361	601947	628396	595235	6.21	cps
Boron	11-1	2772411	3003635	3120597	2965548	5.97	cps
Bromine	81-1	17452	16843	17461	17252	2.05	cps
Bromine	81-2	70	90	90	83	13.86	cps
Cadmium	111-1	1252860	1355345	1350683	1319629	4.39	cps
Cadmium	106-1	149330	160978	156445	155584	3.77	cps
Cadmium	108-1	99673	107507	106869	104683	4.16	cps
Calcium	43-1	1926864	2034984	2067032	2009627	3.65	cps
Calcium	44-1	28168785	30730647	30599516	29832983	4.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2273397	2250602	2272564	2265521	0.57	cps
Cobalt	59-2	3443583	3473368	3457932	3458294	0.43	cps
Copper	63-2	24679145	24770881	24577859	24675962	0.39	cps
Dysprosium	156-1	342	333	333	336	1.43	cps
Dysprosium	156-2	710	883	693	762	13.80	cps
Erbium	164-1	167	225	183	192	15.68	cps
Erbium	164-2	103	100	113	106	6.58	cps
Gadolinium	160-1	200	275	258	244	16.11	cps
Gadolinium	160-2	1393	1277	1250	1307	5.83	cps
Holmium	165-1	16148229	14906923	14762444	15272532	4.99	cps
Holmium	165-2	8828399	8938126	8944741	8903755	0.73	cps
Indium	115-1	13009739	11869172	11876019	12251644	5.36	cps
Indium	115-2	3626542	3591025	3587168	3601578	0.60	cps
Iron	56-2	104523191	105335569	105306619	105055126	0.44	cps
Iron	57-2	2684070	2679578	2656654	2673434	0.55	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	PB147699BS	Instrumnet Name :	P7
Client Sample ID :	PB147699BS	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:00:29	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5804041	5866873	5817701	5829538	0.57	cps
Krypton	83-1	490	510	523	508	3.30	cps
Lead	206-1	19061529	20820509	20648355	20176798	4.81	cps
Lead	207-1	16727903	18339929	18290004	17785945	5.15	cps
Lead	208-1	58707181	63675548	63886686	62089805	4.72	cps
Lithium	6-1	4346220	3953112	3909346	4069559	5.91	cps
Magnesium	24-2	25514537	25460093	24868001	25280877	1.42	cps
Manganese	55-2	16636815	16604422	16630114	16623784	0.10	cps
Molybdenum	94-1	18478312	19957366	20041640	19492439	4.51	cps
Molybdenum	95-1	25934575	28414355	28443103	27597344	5.22	cps
Molybdenum	96-1	28440049	30726820	31064457	30077109	4.75	cps
Molybdenum	97-1	16227001	17354862	17735283	17105715	4.59	cps
Molybdenum	98-1	41357111	45247289	45308242	43970880	5.15	cps
Neodymium	150-1	573	640	653	622	6.89	cps
Neodymium	150-2	130	110	160	133	18.87	cps
Nickel	60-2	885065	887997	881964	885008	0.34	cps
Phosphorus	31-2	149500	149988	148616	149368	0.47	cps
Potassium	39-2	13346415	13247970	13432842	13342409	0.69	cps
Rhodium	103-1	12774234	11656424	11692374	12041011	5.28	cps
Rhodium	103-2	5885505	5946106	5896348	5909320	0.55	cps
Scandium	45-1	9802148	9144779	9015921	9320950	4.52	cps
Scandium	45-2	670496	667472	666293	668087	0.32	cps
Selenium	82-1	88203	93017	94147	91789	3.44	cps
Selenium	77-2	7942	7919	7936	7932	0.15	cps
Selenium	78-2	27058	26663	27412	27044	1.39	cps
Silicon	28-1	91311662	95725302	96251673	94429546	2.87	cps
Silver	107-1	6199760	6636566	6631268	6489198	3.86	cps
Silver	109-1	5912707	6395407	6321916	6210010	4.19	cps
Sodium	23-2	44060452	44416552	43711172	44062726	0.80	cps
Strontium	86-1	42873348	46133404	45867633	44958128	4.03	cps
Strontium	88-1	376345008	397841134	400011859	391399334	3.34	cps
Sulfur	34-1	1022850	1200604	1169432	1130962	8.39	cps
Terbium	159-1	16357696	14975671	15100275	15477881	4.94	cps
Terbium	159-2	8842277	8827105	8815970	8828451	0.15	cps
Thallium	203-1	4603544	4861549	4874346	4779813	3.20	cps
Thallium	205-1	10925286	11618273	11656824	11400128	3.61	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	PB147699BS	Instrumnet Name :	P7
Client Sample ID :	PB147699BS	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:00:29	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3944698	4252069	4282497	4159755	4.49	cps
Titanium	47-1	7870350	8601226	8537389	8336322	4.86	cps
Uranium	238-1	13866987	15419423	15451981	14912797	6.07	cps
Vanadium	51-2	1939602	1963297	1949698	1950866	0.61	cps
Yttrium	89-1	20847991	19092218	19057902	19666037	5.21	cps
Yttrium	89-2	3839773	3865938	3900530	3868747	0.79	cps
Zinc	66-2	3803994	3827718	3808931	3813548	0.33	cps
Zirconium	90-1	9488127	10232337	10265574	9995346	4.40	cps
Zirconium	91-1	2109125	2310182	2310229	2243179	5.18	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01	Instrumnet Name :	P7
Client Sample ID :	MW-1R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:03:06	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	201020	200347	203001	201456	0.68	cps
Antimony	121-1	5601	5535	5643	5593	0.98	cps
Arsenic	75-2	1039	1085	993	1039	4.46	cps
Barium	135-1	122794	127065	127242	125700	2.00	cps
Barium	137-1	209488	217548	220778	215938	2.69	cps
Beryllium	9-1	1090	1067	1113	1090	2.14	cps
Bismuth	209-1	9030701	8900148	9039005	8989951	0.87	cps
Bismuth	209-2	6568329	6548579	6668768	6595226	0.98	cps
Boron	10-1	16893	17177	16376	16815	2.42	cps
Boron	11-1	85620	81515	79545	82227	3.77	cps
Bromine	81-1	45287	53355	61612	53418	15.28	cps
Bromine	81-2	7730	7500	7930	7720	2.79	cps
Cadmium	111-1	6984	7349	7029	7121	2.79	cps
Cadmium	106-1	8394	8845	8544	8594	2.67	cps
Cadmium	108-1	125	96	146	122	20.55	cps
Calcium	43-1	262921	269893	281171	271328	3.39	cps
Calcium	44-1	3960110	4115998	4182861	4086323	2.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33350	33644	33424	33473	0.46	cps
Cobalt	59-2	20935	21412	21362	21236	1.24	cps
Copper	63-2	34774	34680	33558	34337	1.97	cps
Dysprosium	156-1	131985	138058	138361	136135	2.64	cps
Dysprosium	156-2	106806	108395	108784	107995	0.97	cps
Erbium	164-1	144317	149857	157362	150512	4.35	cps
Erbium	164-2	92806	93194	92588	92863	0.33	cps
Gadolinium	160-1	158111	164820	164838	162590	2.39	cps
Gadolinium	160-2	106430	108050	108308	107596	0.95	cps
Holmium	165-1	14646789	14710841	15166618	14841416	1.91	cps
Holmium	165-2	8896778	8854878	8951584	8901080	0.54	cps
Indium	115-1	11727121	11727284	11905444	11786616	0.87	cps
Indium	115-2	3609030	3612062	3609121	3610071	0.05	cps
Iron	56-2	524488	530246	534410	529715	0.94	cps
Iron	57-2	25322	25450	26140	25637	1.72	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01	Instrumnet Name :	P7
Client Sample ID :	MW-1R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:03:06	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	32548	32288	32227	32354	0.53	cps
Krypton	83-1	773	713	730	739	4.19	cps
Lead	206-1	12684	13262	12172	12706	4.29	cps
Lead	207-1	10465	10955	10471	10630	2.64	cps
Lead	208-1	37589	39136	36913	37879	3.01	cps
Lithium	6-1	3892632	3858668	3959444	3903582	1.31	cps
Magnesium	24-2	912271	906407	907785	908821	0.34	cps
Manganese	55-2	160301	160887	161846	161011	0.48	cps
Molybdenum	94-1	6093	6718	6643	6485	5.26	cps
Molybdenum	95-1	7035	7961	8111	7702	7.56	cps
Molybdenum	96-1	7794	9270	8353	8472	8.80	cps
Molybdenum	97-1	4117	5159	4868	4715	11.40	cps
Molybdenum	98-1	10829	13773	12706	12436	11.98	cps
Neodymium	150-1	259898	272919	277247	270021	3.34	cps
Neodymium	150-2	139056	140183	139147	139462	0.45	cps
Nickel	60-2	11071	10961	11211	11081	1.13	cps
Phosphorus	31-2	1942	1800	1525	1756	12.07	cps
Potassium	39-2	1075617	1076565	1077988	1076724	0.11	cps
Rhodium	103-1	11598684	11325455	11407619	11443919	1.22	cps
Rhodium	103-2	5863381	5789288	5820957	5824542	0.64	cps
Scandium	45-1	8908980	8696668	8950083	8851910	1.54	cps
Scandium	45-2	651823	646548	654114	650828	0.60	cps
Selenium	82-1	258	404	277	313	25.38	cps
Selenium	77-2	400	533	480	471	14.25	cps
Selenium	78-2	670	763	661	698	8.07	cps
Silicon	28-1	15810687	16362724	16619324	16264245	2.54	cps
Silver	107-1	9829	6585	5651	7355	29.81	cps
Silver	109-1	9045	6810	5043	6966	28.79	cps
Sodium	23-2	128623367	127766833	130899767	129096656	1.25	cps
Strontium	86-1	185171	194211	200723	193368	4.04	cps
Strontium	88-1	1597585	1706738	1678717	1661014	3.41	cps
Sulfur	34-1	619783	622649	635197	625876	1.31	cps
Terbium	159-1	15033091	15165150	15078644	15092295	0.44	cps
Terbium	159-2	8719551	8706369	8760954	8728958	0.33	cps
Thallium	203-1	1717	1625	1533	1625	5.64	cps
Thallium	205-1	4401	4309	3784	4165	7.99	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01	Instrumnet Name :	P7
Client Sample ID :	MW-1R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:03:06	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	8728	9303	9470	9167	4.25	cps
Titanium	47-1	3801	4284	4201	4095	6.31	cps
Uranium	238-1	3984	5059	4701	4582	11.95	cps
Vanadium	51-2	1467	1300	1440	1402	6.38	cps
Yttrium	89-1	20972491	21144965	21361081	21159512	0.92	cps
Yttrium	89-2	4265581	4226000	4311292	4267624	1.00	cps
Zinc	66-2	52860	54325	53275	53486	1.41	cps
Zirconium	90-1	5510	6201	6010	5907	6.05	cps
Zirconium	91-1	1267	1283	1150	1233	5.89	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01DUP	Instrumnet Name :	P7
Client Sample ID :	MW-1RDUP	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:05:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	197341	196761	195547	196550	0.47	cps
Antimony	121-1	2400	2450	2392	2414	1.31	cps
Arsenic	75-2	1078	989	1035	1034	4.30	cps
Barium	135-1	125357	126921	128535	126938	1.25	cps
Barium	137-1	212102	217700	218749	216184	1.65	cps
Beryllium	9-1	800	850	890	847	5.33	cps
Bismuth	209-1	9072367	8925434	9037840	9011880	0.85	cps
Bismuth	209-2	6742817	6670933	6625729	6679826	0.88	cps
Boron	10-1	10137	10337	10587	10354	2.18	cps
Boron	11-1	51737	51344	52381	51821	1.01	cps
Bromine	81-1	54418	60926	67781	61042	10.95	cps
Bromine	81-2	8071	8882	8651	8535	4.90	cps
Cadmium	111-1	7396	7069	7053	7173	2.70	cps
Cadmium	106-1	9570	8945	8886	9134	4.15	cps
Cadmium	108-1	88	108	67	88	23.81	cps
Calcium	43-1	263713	272476	272429	269539	1.87	cps
Calcium	44-1	4077578	4039424	4112273	4076425	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17437	17494	17740	17557	0.92	cps
Cobalt	59-2	20791	20417	20678	20629	0.93	cps
Copper	63-2	32168	31834	31797	31933	0.64	cps
Dysprosium	156-1	135207	140111	141081	138800	2.27	cps
Dysprosium	156-2	108637	108748	110601	109329	1.01	cps
Erbium	164-1	150783	150798	153715	151765	1.11	cps
Erbium	164-2	92638	93950	94017	93535	0.83	cps
Gadolinium	160-1	161111	163293	167754	164053	2.06	cps
Gadolinium	160-2	109797	108261	110082	109380	0.90	cps
Holmium	165-1	14865289	14702510	14823541	14797113	0.57	cps
Holmium	165-2	9004351	8954501	8944970	8967940	0.36	cps
Indium	115-1	11955855	11906657	11860506	11907673	0.40	cps
Indium	115-2	3585766	3638223	3659768	3627919	1.05	cps
Iron	56-2	431663	427457	426875	428665	0.61	cps
Iron	57-2	22851	23697	23569	23372	1.95	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01DUP	Instrumnet Name :	P7
Client Sample ID :	MW-1RDUP	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:05:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	26039	25849	26521	26136	1.32	cps
Krypton	83-1	850	810	790	817	3.74	cps
Lead	206-1	7347	7135	7335	7272	1.63	cps
Lead	207-1	6224	6063	5968	6085	2.12	cps
Lead	208-1	21649	21563	21015	21409	1.61	cps
Lithium	6-1	4008450	3964351	3993397	3988733	0.56	cps
Magnesium	24-2	908675	910889	912250	910605	0.20	cps
Manganese	55-2	157178	158491	158353	158007	0.46	cps
Molybdenum	94-1	2084	2042	2225	2117	4.54	cps
Molybdenum	95-1	1642	2025	1833	1834	10.46	cps
Molybdenum	96-1	2525	2267	2292	2361	6.03	cps
Molybdenum	97-1	1042	1058	1075	1058	1.57	cps
Molybdenum	98-1	2542	3284	2742	2856	13.44	cps
Neodymium	150-1	268062	275468	275345	272958	1.55	cps
Neodymium	150-2	140159	139776	139146	139694	0.37	cps
Nickel	60-2	7502	7619	7512	7544	0.86	cps
Phosphorus	31-2	1867	1667	1733	1756	5.80	cps
Potassium	39-2	1066889	1083942	1075658	1075496	0.79	cps
Rhodium	103-1	11449042	11525187	11425690	11466640	0.45	cps
Rhodium	103-2	5882751	5816378	5837923	5845684	0.58	cps
Scandium	45-1	8908293	8789959	8895022	8864425	0.73	cps
Scandium	45-2	662200	663283	661776	662420	0.12	cps
Selenium	82-1	177	289	262	243	24.01	cps
Selenium	77-2	480	477	583	513	11.81	cps
Selenium	78-2	656	680	739	691	6.20	cps
Silicon	28-1	16074757	16605617	16625627	16435334	1.90	cps
Silver	107-1	1567	1342	1242	1383	12.03	cps
Silver	109-1	1417	1283	1250	1317	6.70	cps
Sodium	23-2	129188145	129300986	132016861	130168664	1.23	cps
Strontium	86-1	183964	186233	189008	186402	1.36	cps
Strontium	88-1	1563595	1603761	1601410	1589589	1.42	cps
Sulfur	34-1	623898	626863	625901	625554	0.24	cps
Terbium	159-1	15275183	14966114	15067622	15102973	1.04	cps
Terbium	159-2	8799128	8739172	8747904	8762068	0.37	cps
Thallium	203-1	733	942	692	789	16.98	cps
Thallium	205-1	2134	1500	1483	1706	21.73	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01DUP	Instrumnet Name :	P7
Client Sample ID :	MW-1RDUP	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:05:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	6835	6518	6785	6713	2.54	cps
Titanium	47-1	2200	2592	2484	2425	8.34	cps
Uranium	238-1	1633	1667	1850	1717	6.80	cps
Vanadium	51-2	1297	1250	1323	1290	2.88	cps
Yttrium	89-1	21193741	20990520	21092685	21092315	0.48	cps
Yttrium	89-2	4331751	4312075	4380853	4341559	0.82	cps
Zinc	66-2	49127	49642	49401	49390	0.52	cps
Zirconium	90-1	3459	3367	3667	3498	4.40	cps
Zirconium	91-1	625	825	750	733	13.78	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01LX5	Instrumnet Name :	P7
Client Sample ID :	MW-1RL	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 18:08:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39061	38833	38727	38873	0.44	cps
Antimony	121-1	617	617	683	639	6.02	cps
Arsenic	75-2	181	263	196	214	20.32	cps
Barium	135-1	24238	24555	24564	24452	0.76	cps
Barium	137-1	41820	42457	43250	42509	1.68	cps
Beryllium	9-1	200	280	250	243	16.61	cps
Bismuth	209-1	9341570	9276678	9272745	9296998	0.42	cps
Bismuth	209-2	6938950	6985131	7060096	6994726	0.87	cps
Boron	10-1	3851	3851	4001	3901	2.22	cps
Boron	11-1	18987	19421	19004	19137	1.28	cps
Bromine	81-1	30449	31025	31618	31031	1.88	cps
Bromine	81-2	2172	2283	1912	2122	8.96	cps
Cadmium	111-1	6341	6143	5898	6127	3.62	cps
Cadmium	106-1	8786	8478	8136	8467	3.84	cps
Cadmium	108-1	38	29	25	31	20.83	cps
Calcium	43-1	52834	55368	55226	54476	2.61	cps
Calcium	44-1	847846	862293	881199	863780	1.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6248	6301	6451	6334	1.67	cps
Cobalt	59-2	4454	4304	4121	4293	3.89	cps
Copper	63-2	9413	9430	9363	9402	0.37	cps
Dysprosium	156-1	26392	26868	27594	26951	2.25	cps
Dysprosium	156-2	20548	21340	20862	20917	1.90	cps
Erbium	164-1	28839	28304	30425	29189	3.78	cps
Erbium	164-2	18633	18362	18235	18410	1.10	cps
Gadolinium	160-1	31519	32121	32505	32049	1.55	cps
Gadolinium	160-2	22067	22345	22188	22200	0.63	cps
Holmium	165-1	14774911	14622636	14880901	14759483	0.88	cps
Holmium	165-2	8949354	8890220	8971029	8936868	0.47	cps
Indium	115-1	12112424	11897185	12208896	12072835	1.32	cps
Indium	115-2	3687891	3705200	3675567	3689553	0.40	cps
Iron	56-2	105517	104008	105888	105137	0.95	cps
Iron	57-2	6818	6663	6624	6702	1.54	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01LX5	Instrumnet Name :	P7
Client Sample ID :	MW-1RL	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 18:08:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6799	7119	7309	7076	3.65	cps
Krypton	83-1	567	460	483	503	11.14	cps
Lead	206-1	2606	2828	3089	2841	8.52	cps
Lead	207-1	2261	2256	2256	2258	0.14	cps
Lead	208-1	7851	8099	8502	8151	4.03	cps
Lithium	6-1	4070099	4070249	3991993	4044114	1.12	cps
Magnesium	24-2	180456	176927	179349	178911	1.01	cps
Manganese	55-2	33684	33073	33063	33273	1.07	cps
Molybdenum	94-1	717	783	808	769	6.16	cps
Molybdenum	95-1	433	617	492	514	18.23	cps
Molybdenum	96-1	617	692	650	653	5.76	cps
Molybdenum	97-1	208	275	325	269	21.72	cps
Molybdenum	98-1	708	875	925	836	13.57	cps
Neodymium	150-1	52371	53221	53474	53022	1.09	cps
Neodymium	150-2	27794	27143	27671	27536	1.26	cps
Nickel	60-2	2334	2324	2207	2288	3.08	cps
Phosphorus	31-2	1683	1500	1533	1572	6.21	cps
Potassium	39-2	348797	341736	342776	344436	1.11	cps
Rhodium	103-1	11848858	11486483	11841611	11725651	1.77	cps
Rhodium	103-2	6138785	5983669	6115590	6079348	1.38	cps
Scandium	45-1	8988804	8862622	9001879	8951101	0.86	cps
Scandium	45-2	660790	664064	662255	662369	0.25	cps
Selenium	82-1	52	189	154	132	54.22	cps
Selenium	77-2	100	117	77	98	20.55	cps
Selenium	78-2	296	281	274	284	3.98	cps
Silicon	28-1	3951290	3984811	4012725	3982942	0.77	cps
Silver	107-1	367	233	375	325	24.46	cps
Silver	109-1	300	250	292	281	9.55	cps
Sodium	23-2	25993006	25612227	25792158	25799130	0.74	cps
Strontium	86-1	36045	37866	38192	37368	3.10	cps
Strontium	88-1	310833	318057	324188	317693	2.10	cps
Sulfur	34-1	464010	461175	470040	465075	0.97	cps
Terbium	159-1	15032265	14796407	15161056	14996576	1.23	cps
Terbium	159-2	8797250	8672871	8824251	8764791	0.92	cps
Thallium	203-1	483	442	508	478	7.05	cps
Thallium	205-1	1217	1325	1208	1250	5.21	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01LX5	Instrumnet Name :	P7
Client Sample ID :	MW-1RL	Dilution Factor :	5
Date & Time Acquired :	2022-10-02 18:08:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	7736	11961	9629	9775	21.65	cps
Titanium	47-1	642	550	825	672	20.83	cps
Uranium	238-1	383	492	300	392	24.54	cps
Vanadium	51-2	303	270	293	289	5.92	cps
Yttrium	89-1	19635514	19473521	19464881	19524639	0.49	cps
Yttrium	89-2	4011270	4000657	3960229	3990719	0.67	cps
Zinc	66-2	11224	10777	11218	11073	2.31	cps
Zirconium	90-1	1408	1617	1250	1425	12.91	cps
Zirconium	91-1	208	342	292	281	24.01	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:14:15	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14227798	14243011	14046940	14172583	0.77	cps
Antimony	121-1	4443397	4660453	4684547	4596132	2.89	cps
Arsenic	75-2	242928	243787	243546	243420	0.18	cps
Barium	135-1	5761720	5993623	6209631	5988325	3.74	cps
Barium	137-1	9983584	10334452	10507545	10275193	2.60	cps
Beryllium	9-1	1181315	1206496	1248114	1211975	2.78	cps
Bismuth	209-1	7713989	7903315	8188960	7935421	3.01	cps
Bismuth	209-2	6172506	6183724	6186388	6180873	0.12	cps
Boron	10-1	248993	269462	266033	261496	4.19	cps
Boron	11-1	1263851	1322836	1329011	1305232	2.76	cps
Bromine	81-1	18404	18345	19196	18648	2.55	cps
Bromine	81-2	210	210	190	204	5.68	cps
Cadmium	111-1	1281699	1336141	1341827	1319889	2.52	cps
Cadmium	106-1	147410	151733	155831	151658	2.78	cps
Cadmium	108-1	101905	106282	107230	105139	2.70	cps
Calcium	43-1	8487726	8675703	8705994	8623141	1.37	cps
Calcium	44-1	131301245	136932370	138676666	135636760	2.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2245925	2267746	2236435	2250035	0.71	cps
Cobalt	59-2	3368823	3379404	3353058	3367095	0.39	cps
Copper	63-2	24616035	24729012	24900673	24748574	0.58	cps
Dysprosium	156-1	625	833	842	767	16.01	cps
Dysprosium	156-2	1100	1140	1130	1123	1.85	cps
Erbium	164-1	75	108	150	111	33.82	cps
Erbium	164-2	87	80	63	77	15.68	cps
Gadolinium	160-1	642	475	442	519	20.63	cps
Gadolinium	160-2	1490	1560	1640	1563	4.80	cps
Holmium	165-1	13133053	13606292	13911281	13550209	2.89	cps
Holmium	165-2	8553091	8695320	8618382	8622265	0.83	cps
Indium	115-1	10366857	10539095	10984321	10630091	3.00	cps
Indium	115-2	3397312	3456519	3446521	3433451	0.92	cps
Iron	56-2	495230700	498656789	496599456	496828981	0.35	cps
Iron	57-2	12709346	12911352	12882249	12834316	0.85	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:14:15	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	27416748	27680227	27901098	27666024	0.88	cps
Krypton	83-1	507	450	477	478	5.93	cps
Lead	206-1	18756064	19256789	19257126	19089993	1.51	cps
Lead	207-1	16305323	17017749	17117813	16813628	2.64	cps
Lead	208-1	57292231	59548173	59730079	58856827	2.31	cps
Lithium	6-1	3729972	3760860	3848812	3779881	1.63	cps
Magnesium	24-2	125404378	124686575	125480931	125190628	0.35	cps
Manganese	55-2	15996501	16083869	16284946	16121772	0.92	cps
Molybdenum	94-1	18541799	19269863	19616219	19142627	2.86	cps
Molybdenum	95-1	26526376	27516216	28218524	27420372	3.10	cps
Molybdenum	96-1	29219833	30476160	30771964	30155986	2.73	cps
Molybdenum	97-1	16342569	17176581	17239311	16919487	2.96	cps
Molybdenum	98-1	41869786	43479596	44665632	43338338	3.24	cps
Neodymium	150-1	507	567	440	504	12.56	cps
Neodymium	150-2	167	120	107	131	24.03	cps
Nickel	60-2	879748	889110	882708	883855	0.54	cps
Phosphorus	31-2	154550	153481	154121	154050	0.35	cps
Potassium	39-2	65498751	65624279	65648643	65590558	0.12	cps
Rhodium	103-1	9887414	10044512	10442029	10124652	2.82	cps
Rhodium	103-2	5493076	5497252	5484567	5491632	0.12	cps
Scandium	45-1	8152742	8332500	8764285	8416509	3.73	cps
Scandium	45-2	655492	656427	657607	656509	0.16	cps
Selenium	82-1	88982	92911	92730	91541	2.42	cps
Selenium	77-2	8356	8236	8146	8246	1.28	cps
Selenium	78-2	27236	27299	27477	27337	0.46	cps
Silicon	28-1	29630839	30781749	30679547	30364045	2.10	cps
Silver	107-1	6204460	6529996	6582238	6438898	3.18	cps
Silver	109-1	5931362	6286863	6351309	6189844	3.65	cps
Sodium	23-2	205807777	207714682	205304632	206275697	0.62	cps
Strontium	86-1	42931831	43979468	45654200	44188500	3.11	cps
Strontium	88-1	370406375	388020584	396998784	385141914	3.51	cps
Sulfur	34-1	1007405	1021193	1030070	1019556	1.12	cps
Terbium	159-1	13295918	13761119	14262878	13773305	3.51	cps
Terbium	159-2	8514825	8477947	8570086	8520952	0.54	cps
Thallium	203-1	4460340	4564088	4615377	4546602	1.74	cps
Thallium	205-1	10545371	10783321	11068222	10798971	2.42	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:14:15	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3933099	4016757	4131491	4027116	2.47	cps
Titanium	47-1	8057967	8342768	8545454	8315396	2.95	cps
Uranium	238-1	14520151	15224278	15167666	14970698	2.61	cps
Vanadium	51-2	2010958	1982635	1990430	1994674	0.73	cps
Yttrium	89-1	16955384	17501273	18097421	17518026	3.26	cps
Yttrium	89-2	3747977	3823618	3740380	3770658	1.22	cps
Zinc	66-2	3891304	3824226	3837249	3850926	0.92	cps
Zirconium	90-1	9386388	9831996	9827738	9682041	2.64	cps
Zirconium	91-1	2048522	2200814	2224476	2157937	4.43	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:23:15	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	606	611	511	576	9.76	cps
Antimony	121-1	667	1117	1008	931	25.24	cps
Arsenic	75-2	17	19	11	15	24.99	cps
Barium	135-1	158	325	217	233	36.25	cps
Barium	137-1	242	508	558	436	39.04	cps
Beryllium	9-1	140	167	223	177	24.09	cps
Bismuth	209-1	8931262	9241756	9204336	9125784	1.86	cps
Bismuth	209-2	7016183	6838865	7052874	6969307	1.64	cps
Boron	10-1	1558	1925	1583	1689	12.13	cps
Boron	11-1	9453	8719	9078	9083	4.04	cps
Bromine	81-1	17502	17244	17603	17450	1.06	cps
Bromine	81-2	120	150	60	110	41.66	cps
Cadmium	111-1	4606	4923	5049	4860	4.70	cps
Cadmium	106-1	6502	6952	7144	6866	4.80	cps
Cadmium	108-1	17	38	38	31	39.36	cps
Calcium	43-1	617	708	667	664	6.91	cps
Calcium	44-1	18813	19855	20773	19814	4.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1667	1593	1667	1642	2.58	cps
Cobalt	59-2	247	247	203	232	10.77	cps
Copper	63-2	3997	3821	3841	3886	2.49	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	92	67	67	75	19.24	cps
Erbium	164-2	47	63	47	52	18.42	cps
Gadolinium	160-1	67	92	108	89	23.59	cps
Gadolinium	160-2	1230	1203	1400	1278	8.35	cps
Holmium	165-1	13860479	14368794	14398207	14209160	2.13	cps
Holmium	165-2	8866678	8644823	8943959	8818487	1.76	cps
Indium	115-1	11618338	12217964	12169883	12002062	2.78	cps
Indium	115-2	3746357	3692918	3729800	3723025	0.73	cps
Iron	56-2	26462	24893	24136	25164	4.72	cps
Iron	57-2	2867	2567	2889	2774	6.49	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:23:15	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2703	2373	2543	2540	6.51	cps
Krypton	83-1	603	500	450	518	15.10	cps
Lead	206-1	1306	1878	1811	1665	18.80	cps
Lead	207-1	1161	1467	1456	1361	12.73	cps
Lead	208-1	4456	5073	5301	4943	8.84	cps
Lithium	6-1	4020493	4032578	4039446	4030839	0.24	cps
Magnesium	24-2	3673	3462	3217	3450	6.61	cps
Manganese	55-2	1377	1580	1383	1447	7.99	cps
Molybdenum	94-1	783	1467	1283	1178	30.03	cps
Molybdenum	95-1	983	1642	1292	1306	25.23	cps
Molybdenum	96-1	1000	1450	1400	1283	19.22	cps
Molybdenum	97-1	517	925	958	800	30.74	cps
Molybdenum	98-1	1392	2250	2125	1922	24.13	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	543	517	513	524	3.14	cps
Phosphorus	31-2	1467	1375	1167	1336	11.51	cps
Potassium	39-2	103979	102746	102762	103162	0.69	cps
Rhodium	103-1	11441164	11889931	11974076	11768391	2.43	cps
Rhodium	103-2	6176980	6065587	6150751	6131106	0.95	cps
Scandium	45-1	8611365	8923653	9112057	8882358	2.85	cps
Scandium	45-2	664232	660673	666208	663705	0.42	cps
Selenium	82-1	-84	81	101	33	308.42	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	157	180	183	173	8.08	cps
Silicon	28-1	758418	763066	758504	759996	0.35	cps
Silver	107-1	625	733	600	653	10.86	cps
Silver	109-1	483	508	425	472	9.06	cps
Sodium	23-2	47858	46386	44921	46388	3.17	cps
Strontium	86-1	2034	3009	2542	2528	19.29	cps
Strontium	88-1	9487	16919	17911	14772	31.17	cps
Sulfur	34-1	458217	460301	464830	461116	0.73	cps
Terbium	159-1	14199543	14893616	14833774	14642311	2.63	cps
Terbium	159-2	8674655	8622135	8852585	8716458	1.39	cps
Thallium	203-1	392	500	475	456	12.45	cps
Thallium	205-1	958	975	992	975	1.71	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:23:15	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	8870	8528	8128	8509	4.37	cps
Titanium	47-1	375	592	533	500	22.42	cps
Uranium	238-1	358	533	658	517	29.17	cps
Vanadium	51-2	93	53	73	73	27.27	cps
Yttrium	89-1	18443707	18714125	18893414	18683749	1.21	cps
Yttrium	89-2	3880756	3876502	3873600	3876953	0.09	cps
Zinc	66-2	797	657	787	747	10.46	cps
Zirconium	90-1	1167	1317	1500	1328	12.57	cps
Zirconium	91-1	200	258	233	231	12.69	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-02	Instrumnet Name :	P7
Client Sample ID :	MW-2R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:37:41	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1444223	1461260	1451895	1452459	0.59	cps
Antimony	121-1	533	592	500	542	8.57	cps
Arsenic	75-2	5829	5959	6027	5938	1.70	cps
Barium	135-1	204201	212613	215396	210737	2.77	cps
Barium	137-1	353650	365145	367776	362190	2.07	cps
Beryllium	9-1	2394	2584	2727	2568	6.51	cps
Bismuth	209-1	7705643	7987479	7980861	7891328	2.04	cps
Bismuth	209-2	6098873	6140164	6102536	6113858	0.37	cps
Boron	10-1	19070	20706	21348	20375	5.76	cps
Boron	11-1	94773	103326	105877	101325	5.74	cps
Bromine	81-1	116771	144051	156253	139025	14.54	cps
Bromine	81-2	26952	26030	27052	26678	2.11	cps
Cadmium	111-1	10099	10614	10640	10451	2.92	cps
Cadmium	106-1	12789	13240	13390	13140	2.38	cps
Cadmium	108-1	154	125	167	149	14.39	cps
Calcium	43-1	692204	723170	728867	714747	2.76	cps
Calcium	44-1	10432833	11019298	11063864	10838665	3.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4841	4701	4814	4785	1.55	cps
Cobalt	59-2	65087	64615	66199	65300	1.24	cps
Copper	63-2	19086	19429	20117	19544	2.69	cps
Dysprosium	156-1	877187	919018	917321	904509	2.62	cps
Dysprosium	156-2	743123	752614	757114	750950	0.95	cps
Erbium	164-1	955933	1001390	1013560	990294	3.07	cps
Erbium	164-2	626035	632127	630183	629449	0.49	cps
Gadolinium	160-1	1031194	1080130	1081812	1064379	2.70	cps
Gadolinium	160-2	719388	721636	722845	721289	0.24	cps
Holmium	165-1	13706659	14096974	14562511	14122048	3.03	cps
Holmium	165-2	8894967	8857547	8971238	8907917	0.65	cps
Indium	115-1	10558767	11130762	10813014	10834181	2.65	cps
Indium	115-2	3409018	3446302	3511736	3455685	1.50	cps
Iron	56-2	91064	95094	91918	92692	2.29	cps
Iron	57-2	32057	32630	33877	32855	2.83	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-02	Instrumnet Name :	P7
Client Sample ID :	MW-2R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:37:41	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6508	7319	6989	6939	5.88	cps
Krypton	83-1	2347	2384	2444	2391	2.04	cps
Lead	206-1	9198	8164	7435	8266	10.71	cps
Lead	207-1	7697	6468	5918	6694	13.60	cps
Lead	208-1	28017	24294	21952	24754	12.36	cps
Lithium	6-1	3716976	3820312	3899714	3812334	2.40	cps
Magnesium	24-2	1962847	1986257	1943301	1964135	1.09	cps
Manganese	55-2	479578	481672	482649	481300	0.33	cps
Molybdenum	94-1	800	1083	1033	972	15.56	cps
Molybdenum	95-1	508	767	633	636	20.31	cps
Molybdenum	96-1	675	883	808	789	13.38	cps
Molybdenum	97-1	308	467	358	378	21.43	cps
Molybdenum	98-1	692	1250	808	917	32.13	cps
Neodymium	150-1	1651998	1718540	1725584	1698707	2.39	cps
Neodymium	150-2	900076	906215	917928	908073	1.00	cps
Nickel	60-2	7522	7499	7475	7499	0.31	cps
Phosphorus	31-2	1692	1767	1583	1681	5.49	cps
Potassium	39-2	1429768	1442918	1449069	1440585	0.68	cps
Rhodium	103-1	10093515	10586495	10494419	10391476	2.52	cps
Rhodium	103-2	5416510	5508604	5513060	5479391	0.99	cps
Scandium	45-1	8171563	8587471	8680257	8479764	3.19	cps
Scandium	45-2	648860	647521	649449	648610	0.15	cps
Selenium	82-1	1492	1692	1631	1605	6.40	cps
Selenium	77-2	2957	3027	2994	2993	1.17	cps
Selenium	78-2	3415	3801	3699	3638	5.49	cps
Silicon	28-1	16420234	16840092	16733975	16664767	1.31	cps
Silver	107-1	2784	2450	2000	2411	16.31	cps
Silver	109-1	2642	2267	1875	2261	16.96	cps
Sodium	23-2	503953422	506181134	503165289	504433282	0.31	cps
Strontium	86-1	337704	348592	346389	344228	1.67	cps
Strontium	88-1	2955792	3102348	3064202	3040781	2.50	cps
Sulfur	34-1	1332380	1291119	1281580	1301693	2.07	cps
Terbium	159-1	13893759	14812744	14690129	14465544	3.45	cps
Terbium	159-2	8771375	8807915	8736863	8772051	0.41	cps
Thallium	203-1	1083	1200	1092	1125	5.79	cps
Thallium	205-1	2484	2767	2984	2745	9.14	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-02	Instrumnet Name :	P7
Client Sample ID :	MW-2R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:37:41	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3759	4184	3801	3915	5.99	cps
Titanium	47-1	1058	1517	1192	1256	18.78	cps
Uranium	238-1	5460	5927	6085	5824	5.58	cps
Vanadium	51-2	360	440	337	379	14.30	cps
Yttrium	89-1	34404604	35483992	35535829	35141475	1.82	cps
Yttrium	89-2	7397847	7453454	7369971	7407091	0.57	cps
Zinc	66-2	53890	54683	54509	54361	0.77	cps
Zirconium	90-1	1642	1867	1942	1817	8.59	cps
Zirconium	91-1	400	375	333	369	9.12	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-03	Instrumnet Name :	P7
Client Sample ID :	MW-3R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:40:30	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	311646	315677	313078	313467	0.65	cps
Antimony	121-1	883	1133	917	978	13.88	cps
Arsenic	75-2	3645	3902	3780	3776	3.41	cps
Barium	135-1	220881	226625	232324	226610	2.52	cps
Barium	137-1	380995	395631	395007	390544	2.12	cps
Beryllium	9-1	1057	1113	1057	1076	3.04	cps
Bismuth	209-1	7455940	7576172	7684539	7572217	1.51	cps
Bismuth	209-2	5840180	5834873	5842865	5839306	0.07	cps
Boron	10-1	14732	15049	15517	15099	2.61	cps
Boron	11-1	76170	81012	81314	79499	3.63	cps
Bromine	81-1	219713	269544	289333	259530	13.82	cps
Bromine	81-2	48579	48961	50257	49266	1.79	cps
Cadmium	111-1	9250	9564	9862	9559	3.20	cps
Cadmium	106-1	12297	12931	13106	12778	3.33	cps
Cadmium	108-1	71	179	96	115	49.21	cps
Calcium	43-1	2300532	2365040	2373461	2346344	1.70	cps
Calcium	44-1	36665371	37405210	37640027	37236869	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10807	10964	10914	10895	0.73	cps
Cobalt	59-2	33367	34029	33344	33580	1.16	cps
Copper	63-2	15628	15899	15608	15712	1.03	cps
Dysprosium	156-1	599896	621660	621023	614193	2.02	cps
Dysprosium	156-2	492078	502093	493925	496032	1.07	cps
Erbium	164-1	657375	681196	677772	672114	1.92	cps
Erbium	164-2	421494	424712	426176	424127	0.56	cps
Gadolinium	160-1	712635	730833	740281	727916	1.93	cps
Gadolinium	160-2	480499	490648	491851	487666	1.28	cps
Holmium	165-1	13113552	13794482	13720136	13542724	2.76	cps
Holmium	165-2	8442736	8612797	8662894	8572809	1.35	cps
Indium	115-1	10123887	10492097	10600573	10405519	2.40	cps
Indium	115-2	3271677	3302802	3284797	3286425	0.48	cps
Iron	56-2	70667577	71365797	71628185	71220520	0.70	cps
Iron	57-2	1842822	1883325	1872886	1866344	1.13	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-03	Instrumnet Name :	P7
Client Sample ID :	MW-3R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:40:30	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3920263	4019978	3986522	3975588	1.28	cps
Krypton	83-1	1920	2277	2424	2207	11.73	cps
Lead	206-1	16683	16833	16349	16621	1.49	cps
Lead	207-1	13412	13457	13212	13360	0.98	cps
Lead	208-1	49353	48698	47532	48527	1.90	cps
Lithium	6-1	3710280	3794802	3810895	3771992	1.43	cps
Magnesium	24-2	3958568	3986395	4028799	3991254	0.89	cps
Manganese	55-2	2419272	2471615	2450613	2447166	1.08	cps
Molybdenum	94-1	1708	1850	1725	1761	4.40	cps
Molybdenum	95-1	1083	1158	1083	1108	3.91	cps
Molybdenum	96-1	1892	1817	1942	1884	3.34	cps
Molybdenum	97-1	583	600	842	675	21.42	cps
Molybdenum	98-1	1217	1692	1500	1470	16.26	cps
Neodymium	150-1	1032671	1067908	1061235	1053938	1.78	cps
Neodymium	150-2	556783	560173	558793	558583	0.31	cps
Nickel	60-2	6131	6111	6095	6112	0.30	cps
Phosphorus	31-2	1650	1842	1750	1747	5.49	cps
Potassium	39-2	4308538	4344787	4337848	4330391	0.44	cps
Rhodium	103-1	9466019	9883975	10030915	9793636	2.99	cps
Rhodium	103-2	5126631	5243200	5170318	5180050	1.14	cps
Scandium	45-1	7888901	8334350	8353101	8192117	3.21	cps
Scandium	45-2	630265	636921	632694	633293	0.53	cps
Selenium	82-1	886	741	534	720	24.61	cps
Selenium	77-2	1813	1940	1827	1860	3.74	cps
Selenium	78-2	2422	2532	2461	2472	2.24	cps
Silicon	28-1	13957203	14547476	14426325	14310335	2.18	cps
Silver	107-1	1675	1608	1583	1622	2.92	cps
Silver	109-1	1425	1633	1250	1436	13.36	cps
Sodium	23-2	889237175	890417642	890228264	889961027	0.07	cps
Strontium	86-1	1841194	1927653	1951095	1906647	3.04	cps
Strontium	88-1	16130975	16471040	16713797	16438604	1.78	cps
Sulfur	34-1	1778250	1763385	1768530	1770055	0.43	cps
Terbium	159-1	13398647	13802353	13834124	13678375	1.77	cps
Terbium	159-2	8306663	8549037	8539761	8465153	1.62	cps
Thallium	203-1	1842	1683	2117	1881	11.66	cps
Thallium	205-1	4668	4701	4659	4676	0.47	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-03	Instrumnet Name :	P7
Client Sample ID :	MW-3R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:40:30	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5409	5401	5718	5510	3.28	cps
Titanium	47-1	2417	3234	3267	2973	16.20	cps
Uranium	238-1	3742	3492	3317	3517	6.08	cps
Vanadium	51-2	520	607	500	542	10.46	cps
Yttrium	89-1	29326432	30234322	30441440	30000731	1.98	cps
Yttrium	89-2	6317025	6399741	6281209	6332659	0.96	cps
Zinc	66-2	318076	321217	320439	319910	0.51	cps
Zirconium	90-1	3701	3792	3350	3614	6.45	cps
Zirconium	91-1	783	867	650	767	14.26	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-04	Instrumnet Name :	P7
Client Sample ID :	MW-4R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:43:18	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5129	4223	4746	4699	9.68	cps
Antimony	121-1	742	783	775	767	2.88	cps
Arsenic	75-2	130	122	117	123	5.29	cps
Barium	135-1	52991	55702	56831	55175	3.58	cps
Barium	137-1	90421	97073	98440	95311	4.50	cps
Beryllium	9-1	117	127	110	118	7.12	cps
Bismuth	209-1	7781170	8346548	8308275	8145331	3.88	cps
Bismuth	209-2	6310073	6370095	6343497	6341222	0.47	cps
Boron	10-1	20130	21949	22951	21677	6.60	cps
Boron	11-1	97424	109116	114547	107029	8.18	cps
Bromine	81-1	106434	124522	131297	120751	10.64	cps
Bromine	81-2	18190	18681	19032	18634	2.27	cps
Cadmium	111-1	5454	5683	5590	5576	2.06	cps
Cadmium	106-1	7602	7994	7894	7830	2.60	cps
Cadmium	108-1	13	42	46	33	54.49	cps
Calcium	43-1	894722	967308	987463	949831	5.14	cps
Calcium	44-1	13450708	14559953	14982294	14330985	5.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5451	5391	5534	5459	1.32	cps
Cobalt	59-2	3297	3304	3224	3275	1.36	cps
Copper	63-2	8729	9126	9230	9028	2.93	cps
Dysprosium	156-1	2225	2325	2509	2353	6.11	cps
Dysprosium	156-2	2140	2117	2107	2121	0.81	cps
Erbium	164-1	2642	3125	2800	2856	8.63	cps
Erbium	164-2	1957	2000	1980	1979	1.10	cps
Gadolinium	160-1	2359	2900	2950	2736	11.99	cps
Gadolinium	160-2	3284	3307	3214	3268	1.49	cps
Holmium	165-1	12969359	14020055	14167774	13719063	4.76	cps
Holmium	165-2	8505968	8616743	8622652	8581788	0.77	cps
Indium	115-1	10501439	11246720	11269914	11006024	3.97	cps
Indium	115-2	3513637	3525006	3523437	3520693	0.17	cps
Iron	56-2	1482902	1481387	1445227	1469839	1.45	cps
Iron	57-2	78303	79867	79408	79193	1.02	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-04	Instrumnet Name :	P7
Client Sample ID :	MW-4R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:43:18	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	86947	86172	88105	87075	1.12	cps
Krypton	83-1	533	553	617	568	7.66	cps
Lead	206-1	4484	4078	3728	4097	9.23	cps
Lead	207-1	3417	3200	3278	3299	3.33	cps
Lead	208-1	12515	12148	11439	12034	4.54	cps
Lithium	6-1	3869190	4074834	4177849	4040624	3.89	cps
Magnesium	24-2	2300514	2212052	2263145	2258570	1.97	cps
Manganese	55-2	59126	59480	58794	59133	0.58	cps
Molybdenum	94-1	950	1008	1008	989	3.41	cps
Molybdenum	95-1	742	958	1033	911	16.62	cps
Molybdenum	96-1	833	1242	1183	1086	20.33	cps
Molybdenum	97-1	450	467	592	503	15.40	cps
Molybdenum	98-1	1367	1475	1575	1472	7.08	cps
Neodymium	150-1	5248	5581	5681	5503	4.12	cps
Neodymium	150-2	2927	2970	3000	2966	1.24	cps
Nickel	60-2	2630	3057	2897	2861	7.53	cps
Phosphorus	31-2	1925	1750	1850	1842	4.77	cps
Potassium	39-2	2438536	2414769	2439320	2430875	0.57	cps
Rhodium	103-1	10161116	11076913	10917306	10718445	4.56	cps
Rhodium	103-2	5637191	5638928	5648999	5641706	0.11	cps
Scandium	45-1	7963946	8746459	8888337	8532914	5.83	cps
Scandium	45-2	664498	658394	661630	661507	0.46	cps
Selenium	82-1	40	61	24	42	45.10	cps
Selenium	77-2	7	17	10	11	45.82	cps
Selenium	78-2	174	207	215	199	10.92	cps
Silicon	28-1	15157141	16388958	16780390	16108830	5.26	cps
Silver	107-1	500	458	408	456	10.08	cps
Silver	109-1	375	358	325	353	7.22	cps
Sodium	23-2	324435874	326314330	329623818	326791341	0.80	cps
Strontium	86-1	398055	429470	440091	422539	5.17	cps
Strontium	88-1	3489679	3789598	3865462	3714913	5.35	cps
Sulfur	34-1	950242	988043	1118564	1018950	8.67	cps
Terbium	159-1	13118175	14246542	14313462	13892726	4.83	cps
Terbium	159-2	8429897	8509079	8577221	8505399	0.87	cps
Thallium	203-1	792	608	775	725	13.98	cps
Thallium	205-1	1859	1667	2092	1872	11.37	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-04	Instrumnet Name :	P7
Client Sample ID :	MW-4R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:43:18	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4301	4484	4351	4379	2.16	cps
Titanium	47-1	1092	1733	1950	1592	28.04	cps
Uranium	238-1	917	1150	1058	1042	11.29	cps
Vanadium	51-2	617	593	680	630	7.12	cps
Yttrium	89-1	16736204	18202536	18427520	17788753	5.16	cps
Yttrium	89-2	3794111	3780010	3849668	3807930	0.97	cps
Zinc	66-2	5078	5261	5148	5162	1.79	cps
Zirconium	90-1	1142	1483	1775	1467	21.62	cps
Zirconium	91-1	233	300	358	297	21.04	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-05	Instrumnet Name :	P7
Client Sample ID :	MW-5R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:46:08	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1029272	1039087	1046310	1038223	0.82	cps
Antimony	121-1	442	575	525	514	13.11	cps
Arsenic	75-2	8586	8827	8832	8748	1.61	cps
Barium	135-1	200585	209611	211700	207299	2.85	cps
Barium	137-1	345444	361855	366348	357882	3.07	cps
Beryllium	9-1	1917	1960	1970	1949	1.45	cps
Bismuth	209-1	7391278	7876884	7940361	7736174	3.88	cps
Bismuth	209-2	6118353	6120351	6068446	6102383	0.48	cps
Boron	10-1	12939	13823	14407	13723	5.39	cps
Boron	11-1	67413	70126	73516	70352	4.35	cps
Bromine	81-1	156500	187463	205327	183097	13.49	cps
Bromine	81-2	33562	35047	35620	34743	3.06	cps
Cadmium	111-1	15556	16467	16009	16011	2.84	cps
Cadmium	106-1	19730	20774	20290	20265	2.58	cps
Cadmium	108-1	150	292	229	224	31.75	cps
Calcium	43-1	1630068	1695477	1697117	1674220	2.28	cps
Calcium	44-1	26042379	27275826	27413049	26910418	2.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15982	16229	15925	16045	1.01	cps
Cobalt	59-2	44272	45258	45963	45165	1.88	cps
Copper	63-2	17857	18024	18258	18047	1.11	cps
Dysprosium	156-1	1292823	1352556	1363920	1336433	2.86	cps
Dysprosium	156-2	1091140	1107213	1098329	1098894	0.73	cps
Erbium	164-1	1338397	1416286	1422360	1392348	3.36	cps
Erbium	164-2	896569	897926	893044	895846	0.28	cps
Gadolinium	160-1	1502973	1601488	1601110	1568523	3.62	cps
Gadolinium	160-2	1069820	1078202	1079472	1075831	0.49	cps
Holmium	165-1	13615443	14726358	14843061	14394954	4.71	cps
Holmium	165-2	9242772	9252570	9228379	9241240	0.13	cps
Indium	115-1	10115943	10930204	10870923	10639023	4.27	cps
Indium	115-2	3474294	3464855	3437393	3458847	0.55	cps
Iron	56-2	2548248	2592112	2618567	2586309	1.37	cps
Iron	57-2	140208	141498	141498	141068	0.53	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-05	Instrumnet Name :	P7
Client Sample ID :	MW-5R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:46:08	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	154155	150163	149921	151413	1.57	cps
Krypton	83-1	3540	3797	3754	3697	3.72	cps
Lead	206-1	128613	134772	133134	132173	2.41	cps
Lead	207-1	101881	106342	108005	105409	3.00	cps
Lead	208-1	372279	388157	389877	383438	2.53	cps
Lithium	6-1	3745936	4058431	4049238	3951202	4.50	cps
Magnesium	24-2	3003440	2995816	3016440	3005232	0.35	cps
Manganese	55-2	350609	354085	351895	352196	0.50	cps
Molybdenum	94-1	1275	1017	1158	1150	11.25	cps
Molybdenum	95-1	517	533	442	497	9.82	cps
Molybdenum	96-1	683	625	625	644	5.23	cps
Molybdenum	97-1	292	308	350	317	9.49	cps
Molybdenum	98-1	625	467	692	594	19.44	cps
Neodymium	150-1	2385090	2444532	2483870	2437830	2.04	cps
Neodymium	150-2	1312976	1329583	1329268	1323942	0.72	cps
Nickel	60-2	11121	11094	10967	11061	0.74	cps
Phosphorus	31-2	1859	2042	1750	1884	7.83	cps
Potassium	39-2	2517639	2565891	2529098	2537543	0.99	cps
Rhodium	103-1	9567674	10506946	10420747	10165122	5.11	cps
Rhodium	103-2	5406439	5456355	5419264	5427353	0.48	cps
Scandium	45-1	8029153	8613621	8712167	8451647	4.37	cps
Scandium	45-2	658604	660229	658558	659130	0.14	cps
Selenium	82-1	1404	1624	1540	1522	7.29	cps
Selenium	77-2	4581	4591	4511	4561	0.96	cps
Selenium	78-2	5105	5329	5325	5253	2.44	cps
Silicon	28-1	16110733	17021168	17145601	16759167	3.37	cps
Silver	107-1	975	933	808	906	9.58	cps
Silver	109-1	575	542	617	578	6.50	cps
Sodium	23-2	721704572	723725083	726147794	723859150	0.31	cps
Strontium	86-1	935033	995516	1014750	981766	4.24	cps
Strontium	88-1	8311615	8751234	8761907	8608252	2.98	cps
Sulfur	34-1	1208854	1251143	1263727	1241241	2.32	cps
Terbium	159-1	13828265	14845735	14739025	14471008	3.86	cps
Terbium	159-2	9010124	8975030	9046364	9010506	0.40	cps
Thallium	203-1	1258	950	1150	1120	13.97	cps
Thallium	205-1	2784	2725	2259	2589	11.12	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-05	Instrumnet Name :	P7
Client Sample ID :	MW-5R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:46:08	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	7769	8628	9228	8542	8.59	cps
Titanium	47-1	2734	3734	3876	3448	18.05	cps
Uranium	238-1	3759	4067	4242	4023	6.08	cps
Vanadium	51-2	540	747	597	628	17.01	cps
Yttrium	89-1	43048381	46507083	46235839	45263768	4.25	cps
Yttrium	89-2	9770049	9872948	9695712	9779570	0.91	cps
Zinc	66-2	263981	261017	259606	261535	0.85	cps
Zirconium	90-1	2859	3251	2875	2995	7.40	cps
Zirconium	91-1	608	558	725	631	13.56	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-06	Instrumnet Name :	P7
Client Sample ID :	MW-6R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:48:58	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94025	92812	93097	93311	0.68	cps
Antimony	121-1	1083	942	992	1006	7.15	cps
Arsenic	75-2	654	769	661	694	9.25	cps
Barium	135-1	131369	136424	138713	135502	2.77	cps
Barium	137-1	229762	236944	233035	233247	1.54	cps
Beryllium	9-1	197	163	143	168	16.06	cps
Bismuth	209-1	7334086	7728640	7711845	7591524	2.94	cps
Bismuth	209-2	5987051	5991234	5973439	5983908	0.16	cps
Boron	10-1	46337	48251	48777	47788	2.69	cps
Boron	11-1	228534	240409	246527	238490	3.84	cps
Bromine	81-1	236565	273236	299466	269755	11.71	cps
Bromine	81-2	46761	47615	47645	47341	1.06	cps
Cadmium	111-1	5567	5868	6400	5945	7.09	cps
Cadmium	106-1	7752	8194	8828	8258	6.55	cps
Cadmium	108-1	25	38	25	29	24.74	cps
Calcium	43-1	2298390	2382694	2474713	2385266	3.70	cps
Calcium	44-1	36736053	38398171	38962818	38032347	3.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6885	7188	7095	7056	2.20	cps
Cobalt	59-2	21616	21793	22086	21832	1.09	cps
Copper	63-2	12462	12275	12826	12521	2.24	cps
Dysprosium	156-1	82174	83071	84336	83194	1.31	cps
Dysprosium	156-2	79500	81146	80499	80382	1.03	cps
Erbium	164-1	79115	81696	82502	81105	2.18	cps
Erbium	164-2	51662	52220	51494	51792	0.73	cps
Gadolinium	160-1	93125	95005	96868	94999	1.97	cps
Gadolinium	160-2	66373	66326	66798	66499	0.39	cps
Holmium	165-1	12425549	13386686	13611154	13141130	4.79	cps
Holmium	165-2	8495235	8399844	8522286	8472455	0.76	cps
Indium	115-1	10119799	10577646	10818320	10505255	3.38	cps
Indium	115-2	3407435	3442047	3408289	3419257	0.58	cps
Iron	56-2	41386219	41675661	41343702	41468527	0.44	cps
Iron	57-2	1167604	1162476	1153856	1161312	0.60	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-06	Instrumnet Name :	P7
Client Sample ID :	MW-6R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:48:58	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2331442	2355152	2298533	2328376	1.22	cps
Krypton	83-1	1483	1767	1630	1627	8.71	cps
Lead	206-1	217678	224174	226997	222950	2.14	cps
Lead	207-1	171622	176922	180767	176437	2.60	cps
Lead	208-1	625299	643653	651568	640173	2.10	cps
Lithium	6-1	3693866	3992647	4048606	3911706	4.88	cps
Magnesium	24-2	4031769	4067496	4069849	4056371	0.53	cps
Manganese	55-2	446975	449353	444336	446888	0.56	cps
Molybdenum	94-1	1258	1358	1333	1317	3.95	cps
Molybdenum	95-1	442	375	425	414	8.38	cps
Molybdenum	96-1	1017	1050	1033	1033	1.61	cps
Molybdenum	97-1	300	350	367	339	10.24	cps
Molybdenum	98-1	875	550	617	681	25.22	cps
Neodymium	150-1	152172	156376	156025	154858	1.51	cps
Neodymium	150-2	82714	83056	82359	82710	0.42	cps
Nickel	60-2	2984	2977	3020	2994	0.78	cps
Phosphorus	31-2	1808	1808	1884	1833	2.36	cps
Potassium	39-2	4804176	4829670	4816471	4816772	0.26	cps
Rhodium	103-1	9608467	10274212	10249175	10043951	3.76	cps
Rhodium	103-2	5279834	5271413	5305959	5285735	0.34	cps
Scandium	45-1	7943710	8661353	8847823	8484295	5.63	cps
Scandium	45-2	645816	643856	648217	645963	0.34	cps
Selenium	82-1	-461	-709	-550	-573	-21.88	cps
Selenium	77-2	287	267	270	274	3.90	cps
Selenium	78-2	744	633	585	654	12.48	cps
Silicon	28-1	11674605	11904039	12290153	11956266	2.60	cps
Silver	107-1	692	775	892	786	12.78	cps
Silver	109-1	642	775	883	767	15.79	cps
Sodium	23-2	916310332	905382509	909975820	910556220	0.60	cps
Strontium	86-1	2152731	2189044	2235847	2192540	1.90	cps
Strontium	88-1	18664164	18991970	19180770	18945635	1.38	cps
Sulfur	34-1	1821837	1825117	1874191	1840382	1.59	cps
Terbium	159-1	12830718	13632628	13961639	13474995	4.32	cps
Terbium	159-2	8384813	8174679	8247084	8268859	1.29	cps
Thallium	203-1	1517	1483	1525	1508	1.46	cps
Thallium	205-1	3609	3709	3992	3770	5.28	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-06	Instrumnet Name :	P7
Client Sample ID :	MW-6R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:48:58	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3834	3892	3901	3876	0.94	cps
Titanium	47-1	4076	4818	5218	4704	12.32	cps
Uranium	238-1	1809	1884	1809	1834	2.36	cps
Vanadium	51-2	607	643	633	628	3.02	cps
Yttrium	89-1	18221038	19434380	19662266	19105895	4.05	cps
Yttrium	89-2	4178887	4183484	4127503	4163292	0.75	cps
Zinc	66-2	10204	10267	9546	10006	3.99	cps
Zirconium	90-1	3426	3551	3534	3503	1.94	cps
Zirconium	91-1	525	742	767	678	19.61	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-07	Instrumnet Name :	P7
Client Sample ID :	MW-7R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:51:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	346452	346172	348480	347035	0.36	cps
Antimony	121-1	933	958	925	939	1.85	cps
Arsenic	75-2	898	883	994	925	6.52	cps
Barium	135-1	417437	435132	443223	431931	3.05	cps
Barium	137-1	718476	743438	763189	741701	3.02	cps
Beryllium	9-1	1230	1183	1060	1158	7.59	cps
Bismuth	209-1	7407636	8020445	7989477	7805853	4.42	cps
Bismuth	209-2	6151694	6131798	6050028	6111173	0.88	cps
Boron	10-1	14365	14991	15558	14972	3.99	cps
Boron	11-1	70268	77268	76112	74549	5.03	cps
Bromine	81-1	149418	172523	186423	169455	11.03	cps
Bromine	81-2	27163	28577	29510	28416	4.16	cps
Cadmium	111-1	9253	9545	9764	9521	2.69	cps
Cadmium	106-1	9937	10154	10521	10204	2.89	cps
Cadmium	108-1	183	208	275	222	21.32	cps
Calcium	43-1	892060	924215	941888	919387	2.75	cps
Calcium	44-1	13519685	14044888	14253963	13939512	2.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8813	9136	9306	9085	2.76	cps
Cobalt	59-2	47492	48742	49337	48524	1.94	cps
Copper	63-2	23021	22233	23235	22830	2.31	cps
Dysprosium	156-1	183620	191754	196494	190623	3.42	cps
Dysprosium	156-2	142032	143855	144570	143485	0.91	cps
Erbium	164-1	195557	202443	207051	201684	2.87	cps
Erbium	164-2	132090	130587	133036	131904	0.94	cps
Gadolinium	160-1	212927	223141	227629	221232	3.41	cps
Gadolinium	160-2	154302	153336	154680	154106	0.45	cps
Holmium	165-1	12726211	13856189	13705934	13429445	4.57	cps
Holmium	165-2	8712324	8701020	8593657	8669001	0.76	cps
Indium	115-1	10146287	11148549	10968742	10754526	4.97	cps
Indium	115-2	3468273	3460143	3525032	3484483	1.01	cps
Iron	56-2	309177	306587	308658	308141	0.44	cps
Iron	57-2	47074	48896	48216	48062	1.92	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-07	Instrumnet Name :	P7
Client Sample ID :	MW-7R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:51:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	19172	20876	19042	19696	5.20	cps
Krypton	83-1	1493	1663	1657	1605	6.00	cps
Lead	206-1	11633	11850	11666	11716	1.00	cps
Lead	207-1	9487	9120	9059	9222	2.51	cps
Lead	208-1	34075	33666	34005	33915	0.65	cps
Lithium	6-1	3733400	4046013	4115312	3964908	5.13	cps
Magnesium	24-2	3280499	3342001	3326833	3316444	0.97	cps
Manganese	55-2	293445	296321	297377	295714	0.69	cps
Molybdenum	94-1	633	633	550	606	7.95	cps
Molybdenum	95-1	292	275	275	281	3.43	cps
Molybdenum	96-1	275	350	467	364	26.54	cps
Molybdenum	97-1	183	167	167	172	5.59	cps
Molybdenum	98-1	433	383	500	439	13.34	cps
Neodymium	150-1	245534	252542	262006	253361	3.26	cps
Neodymium	150-2	136982	137698	138208	137629	0.45	cps
Nickel	60-2	8963	9256	9246	9155	1.82	cps
Phosphorus	31-2	1842	1859	1775	1825	2.42	cps
Potassium	39-2	1734552	1733355	1725832	1731246	0.27	cps
Rhodium	103-1	9652750	10558160	10515771	10242227	4.99	cps
Rhodium	103-2	5458390	5499866	5490708	5482988	0.40	cps
Scandium	45-1	8126564	8859553	8767705	8584607	4.65	cps
Scandium	45-2	658141	666269	669283	664565	0.87	cps
Selenium	82-1	-176	-283	-294	-251	-25.93	cps
Selenium	77-2	627	510	550	562	10.55	cps
Selenium	78-2	789	711	789	763	5.89	cps
Silicon	28-1	10224134	10391318	10600112	10405188	1.81	cps
Silver	107-1	858	717	875	817	10.65	cps
Silver	109-1	592	733	700	675	10.97	cps
Sodium	23-2	695231771	695127460	699736771	696698667	0.38	cps
Strontium	86-1	609620	628354	636273	624749	2.19	cps
Strontium	88-1	5335915	5459541	5585876	5460444	2.29	cps
Sulfur	34-1	942909	946737	952422	947356	0.51	cps
Terbium	159-1	12973292	13706646	14014871	13564936	3.94	cps
Terbium	159-2	8430403	8622135	8660459	8570999	1.44	cps
Thallium	203-1	608	700	600	636	8.72	cps
Thallium	205-1	1533	1375	1292	1400	8.77	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-07	Instrumnet Name :	P7
Client Sample ID :	MW-7R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:51:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3417	3726	3692	3612	4.69	cps
Titanium	47-1	3092	3934	4559	3862	19.06	cps
Uranium	238-1	1392	1642	1742	1592	11.33	cps
Vanadium	51-2	307	307	353	322	8.36	cps
Yttrium	89-1	21639438	23166430	23158540	22654802	3.88	cps
Yttrium	89-2	4878683	5007355	4962508	4949515	1.32	cps
Zinc	66-2	168805	170184	171907	170299	0.91	cps
Zirconium	90-1	1183	1242	1483	1303	12.21	cps
Zirconium	91-1	217	267	258	247	10.84	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-08	Instrumnet Name :	P7
Client Sample ID :	MW-9DA	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:54:40	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94595	94958	95221	94925	0.33	cps
Antimony	121-1	675	700	767	714	6.64	cps
Arsenic	75-2	63	54	69	62	12.13	cps
Barium	135-1	470471	503893	502886	492417	3.86	cps
Barium	137-1	808867	860766	872377	847337	3.99	cps
Beryllium	9-1	1533	1770	1780	1695	8.24	cps
Bismuth	209-1	8037886	8652984	8560288	8417053	3.94	cps
Bismuth	209-2	6656593	6759904	6796013	6737503	1.07	cps
Boron	10-1	6326	7160	7202	6896	7.16	cps
Boron	11-1	33637	35825	36644	35369	4.39	cps
Bromine	81-1	88717	101926	108883	99842	10.26	cps
Bromine	81-2	15003	15574	15584	15387	2.16	cps
Cadmium	111-1	6409	6589	6681	6559	2.11	cps
Cadmium	106-1	8153	8328	8486	8322	2.00	cps
Cadmium	108-1	63	100	121	94	31.30	cps
Calcium	43-1	245534	257546	260796	254625	3.16	cps
Calcium	44-1	3663552	3989018	3938798	3863789	4.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7989	8162	8189	8113	1.34	cps
Cobalt	59-2	40969	41641	41327	41312	0.81	cps
Copper	63-2	9273	9306	9303	9294	0.20	cps
Dysprosium	156-1	3784	3876	4367	4009	7.83	cps
Dysprosium	156-2	3510	3607	3661	3593	2.12	cps
Erbium	164-1	3809	3926	4001	3912	2.47	cps
Erbium	164-2	2400	2634	2454	2496	4.90	cps
Gadolinium	160-1	4126	4084	4217	4142	1.65	cps
Gadolinium	160-2	4181	4164	4191	4178	0.32	cps
Holmium	165-1	12758904	13887986	14099719	13582203	5.31	cps
Holmium	165-2	8738060	8953395	8960677	8884044	1.42	cps
Indium	115-1	10676296	11723857	11945705	11448619	5.92	cps
Indium	115-2	3743469	3742123	3728704	3738098	0.22	cps
Iron	56-2	262566	266078	267050	265231	0.89	cps
Iron	57-2	19663	19196	18907	19255	1.98	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-08	Instrumnet Name :	P7
Client Sample ID :	MW-9DA	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:54:40	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16626	17338	16396	16787	2.93	cps
Krypton	83-1	480	417	510	469	10.16	cps
Lead	206-1	8014	8014	7775	7934	1.74	cps
Lead	207-1	6568	6485	6730	6594	1.89	cps
Lead	208-1	23284	23365	23729	23459	1.01	cps
Lithium	6-1	4024318	4238201	4347184	4203234	3.91	cps
Magnesium	24-2	3764004	3749519	3733942	3749155	0.40	cps
Manganese	55-2	1039579	1046210	1046105	1043965	0.36	cps
Molybdenum	94-1	900	983	875	919	6.17	cps
Molybdenum	95-1	667	700	783	717	8.38	cps
Molybdenum	96-1	833	850	900	861	4.03	cps
Molybdenum	97-1	350	425	375	383	9.96	cps
Molybdenum	98-1	1000	1167	1133	1100	8.02	cps
Neodymium	150-1	6108	6722	6568	6466	4.94	cps
Neodymium	150-2	3587	3891	3687	3722	4.15	cps
Nickel	60-2	10013	10083	9950	10016	0.67	cps
Phosphorus	31-2	2200	2342	2284	2275	3.13	cps
Potassium	39-2	1891363	1916686	1898807	1902285	0.68	cps
Rhodium	103-1	10480979	11540539	11510801	11177440	5.40	cps
Rhodium	103-2	5933666	6036883	5973037	5981196	0.87	cps
Scandium	45-1	8250924	9145845	9077106	8824625	5.64	cps
Scandium	45-2	681964	680693	683447	682035	0.20	cps
Selenium	82-1	124	250	121	165	44.74	cps
Selenium	77-2	17	27	27	23	24.74	cps
Selenium	78-2	194	226	235	219	9.77	cps
Silicon	28-1	29537918	31366455	31787493	30897289	3.87	cps
Silver	107-1	283	342	300	308	9.75	cps
Silver	109-1	275	283	125	228	39.12	cps
Sodium	23-2	60616065	60739979	60622442	60659495	0.12	cps
Strontium	86-1	272447	287230	293892	284523	3.86	cps
Strontium	88-1	2364528	2510142	2542606	2472425	3.84	cps
Sulfur	34-1	586887	590210	588185	588427	0.28	cps
Terbium	159-1	13278531	14232834	14479170	13996845	4.53	cps
Terbium	159-2	8735229	8730385	8765010	8743541	0.21	cps
Thallium	203-1	783	808	600	731	15.57	cps
Thallium	205-1	1675	1842	1450	1656	11.87	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-08	Instrumnet Name :	P7
Client Sample ID :	MW-9DA	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:54:40	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4492	4392	4851	4579	5.27	cps
Titanium	47-1	1742	1967	1792	1833	6.44	cps
Uranium	238-1	4418	5084	4684	4729	7.10	cps
Vanadium	51-2	333	437	380	383	13.50	cps
Yttrium	89-1	16994966	18532651	18791560	18106392	5.36	cps
Yttrium	89-2	3957033	4039098	3983736	3993289	1.05	cps
Zinc	66-2	19069	19770	20044	19627	2.56	cps
Zirconium	90-1	1267	1492	1483	1414	9.02	cps
Zirconium	91-1	225	325	325	292	19.79	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-09	Instrumnet Name :	P7
Client Sample ID :	MW-9DB	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:57:29	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84034	84028	85057	84373	0.70	cps
Antimony	121-1	1442	1408	1617	1489	7.52	cps
Arsenic	75-2	63	30	26	40	51.62	cps
Barium	135-1	471972	479619	492280	481291	2.13	cps
Barium	137-1	798085	837463	841560	825702	2.91	cps
Beryllium	9-1	1723	1680	1667	1690	1.75	cps
Bismuth	209-1	8127731	8664847	8633005	8475194	3.56	cps
Bismuth	209-2	6798718	6808084	6759758	6788854	0.38	cps
Boron	10-1	6276	6635	6535	6482	2.85	cps
Boron	11-1	33295	33938	34698	33977	2.07	cps
Bromine	81-1	81802	93905	99652	91786	9.93	cps
Bromine	81-2	14312	14332	13580	14074	3.04	cps
Cadmium	111-1	6341	6732	6454	6509	3.09	cps
Cadmium	106-1	7944	8644	8394	8328	4.26	cps
Cadmium	108-1	88	63	67	72	18.54	cps
Calcium	43-1	253146	266044	267665	262285	3.03	cps
Calcium	44-1	3905154	4071272	4052621	4009682	2.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21856	21335	22033	21741	1.67	cps
Cobalt	59-2	40231	40729	40545	40501	0.62	cps
Copper	63-2	7895	8212	8296	8135	2.60	cps
Dysprosium	156-1	2417	2600	2659	2559	4.93	cps
Dysprosium	156-2	2184	2227	2257	2222	1.66	cps
Erbium	164-1	2209	2325	2342	2292	3.17	cps
Erbium	164-2	1527	1480	1400	1469	4.36	cps
Gadolinium	160-1	2450	2684	2767	2634	6.23	cps
Gadolinium	160-2	3134	3147	3214	3165	1.35	cps
Holmium	165-1	13352564	14070571	14315455	13912863	3.60	cps
Holmium	165-2	9035404	9107043	8915650	9019366	1.07	cps
Indium	115-1	11152604	11754868	11826070	11577847	3.20	cps
Indium	115-2	3807380	3797876	3760366	3788541	0.66	cps
Iron	56-2	187408	187825	185744	186992	0.59	cps
Iron	57-2	17327	17088	17766	17394	1.98	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-09	Instrumnet Name :	P7
Client Sample ID :	MW-9DB	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:57:29	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13039	12498	13069	12869	2.50	cps
Krypton	83-1	440	557	463	487	12.68	cps
Lead	206-1	4701	4462	4857	4673	4.25	cps
Lead	207-1	3806	3945	3906	3886	1.84	cps
Lead	208-1	13929	13701	13863	13831	0.85	cps
Lithium	6-1	4002440	4267429	4331756	4200541	4.16	cps
Magnesium	24-2	3622990	3618324	3649305	3630206	0.46	cps
Manganese	55-2	1104727	1103456	1109957	1106047	0.31	cps
Molybdenum	94-1	800	967	800	856	11.25	cps
Molybdenum	95-1	833	850	792	825	3.64	cps
Molybdenum	96-1	900	833	1192	975	19.55	cps
Molybdenum	97-1	500	625	442	522	17.94	cps
Molybdenum	98-1	1258	1283	1317	1286	2.28	cps
Neodymium	150-1	3867	3647	4027	3847	4.96	cps
Neodymium	150-2	2217	2094	2150	2154	2.87	cps
Nickel	60-2	11238	10887	10767	10964	2.23	cps
Phosphorus	31-2	1892	2000	1792	1895	5.50	cps
Potassium	39-2	1919304	1903340	1880689	1901111	1.02	cps
Rhodium	103-1	10930833	11643406	11747869	11440703	3.89	cps
Rhodium	103-2	6060271	6063394	6026251	6049972	0.34	cps
Scandium	45-1	8582818	9120563	9090798	8931393	3.38	cps
Scandium	45-2	687000	684864	689737	687200	0.36	cps
Selenium	82-1	186	174	174	178	3.89	cps
Selenium	77-2	13	10	20	14	35.26	cps
Selenium	78-2	224	213	194	211	7.11	cps
Silicon	28-1	31028607	32002407	32250616	31760543	2.03	cps
Silver	107-1	192	192	200	194	2.47	cps
Silver	109-1	58	150	150	119	44.31	cps
Sodium	23-2	61243992	60775117	61137753	61052287	0.40	cps
Strontium	86-1	283800	290056	296229	290028	2.14	cps
Strontium	88-1	2510374	2550040	2605930	2555448	1.88	cps
Sulfur	34-1	594759	594329	590622	593237	0.38	cps
Terbium	159-1	13531344	14313275	14447530	14097383	3.51	cps
Terbium	159-2	8868677	8860134	8780951	8836588	0.55	cps
Thallium	203-1	908	742	642	764	17.64	cps
Thallium	205-1	1425	1558	1759	1581	10.62	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-09	Instrumnet Name :	P7
Client Sample ID :	MW-9DB	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 18:57:29	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	6277	6185	6443	6302	2.08	cps
Titanium	47-1	1525	1350	1375	1417	6.68	cps
Uranium	238-1	3426	3676	3626	3576	3.70	cps
Vanadium	51-2	340	330	320	330	3.03	cps
Yttrium	89-1	17673487	18881954	19177004	18577482	4.29	cps
Yttrium	89-2	3957147	4013161	3982432	3984247	0.70	cps
Zinc	66-2	12305	12055	12062	12141	1.17	cps
Zirconium	90-1	1092	1175	1133	1133	3.68	cps
Zirconium	91-1	108	208	208	175	32.99	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-10	Instrumnet Name :	P7
Client Sample ID :	MW-9RR	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:00:21	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	178808	177345	175261	177138	1.01	cps
Antimony	121-1	542	633	583	586	7.83	cps
Arsenic	75-2	3776	3915	3925	3872	2.14	cps
Barium	135-1	140094	147088	148074	145085	3.00	cps
Barium	137-1	240496	248429	257132	248686	3.35	cps
Beryllium	9-1	883	873	927	894	3.17	cps
Bismuth	209-1	7608368	7996657	8005690	7870238	2.88	cps
Bismuth	209-2	6221206	6278627	6160622	6220152	0.95	cps
Boron	10-1	39510	43470	42392	41791	4.90	cps
Boron	11-1	199065	214494	219373	210977	5.02	cps
Bromine	81-1	153893	181228	199394	178172	12.85	cps
Bromine	81-2	30834	31044	32138	31338	2.23	cps
Cadmium	111-1	10183	10795	10355	10444	3.02	cps
Cadmium	106-1	13573	14307	13974	13951	2.63	cps
Cadmium	108-1	121	113	104	113	7.41	cps
Calcium	43-1	1755472	1798970	1849097	1801180	2.60	cps
Calcium	44-1	27871787	29115330	29562881	28849999	3.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14147	14384	14330	14287	0.87	cps
Cobalt	59-2	21813	22016	21616	21815	0.92	cps
Copper	63-2	20417	20417	20911	20582	1.39	cps
Dysprosium	156-1	625291	648312	652045	641883	2.26	cps
Dysprosium	156-2	512488	512514	509583	511528	0.33	cps
Erbium	164-1	627039	656330	658371	647247	2.71	cps
Erbium	164-2	415948	418388	416807	417048	0.30	cps
Gadolinium	160-1	727365	755011	756092	746156	2.18	cps
Gadolinium	160-2	511285	511661	510423	511123	0.12	cps
Holmium	165-1	13346101	14201439	14387970	13978504	3.97	cps
Holmium	165-2	9005266	9066439	9047166	9039624	0.35	cps
Indium	115-1	10515379	11139332	11177439	10944050	3.40	cps
Indium	115-2	3539006	3579218	3565321	3561182	0.57	cps
Iron	56-2	1225673	1230613	1217828	1224705	0.53	cps
Iron	57-2	110027	109378	110117	109841	0.37	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-10	Instrumnet Name :	P7
Client Sample ID :	MW-9RR	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:00:21	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	71561	71884	69238	70894	2.04	cps
Krypton	83-1	1943	1990	2157	2030	5.53	cps
Lead	206-1	48275	49791	50243	49436	2.09	cps
Lead	207-1	38333	39882	39848	39354	2.25	cps
Lead	208-1	140964	145816	144744	143841	1.77	cps
Lithium	6-1	3869629	4058088	4100612	4009443	3.07	cps
Magnesium	24-2	3590366	3548816	3580994	3573392	0.61	cps
Manganese	55-2	317593	315406	317238	316746	0.37	cps
Molybdenum	94-1	3692	3676	4001	3789	4.83	cps
Molybdenum	95-1	442	517	550	503	11.04	cps
Molybdenum	96-1	1075	1225	1242	1181	7.78	cps
Molybdenum	97-1	308	308	383	333	12.99	cps
Molybdenum	98-1	783	875	792	817	6.21	cps
Neodymium	150-1	1031769	1062376	1088248	1060797	2.67	cps
Neodymium	150-2	569507	572488	571782	571259	0.27	cps
Nickel	60-2	8352	8276	8246	8291	0.66	cps
Phosphorus	31-2	1917	1800	1717	1811	5.55	cps
Potassium	39-2	3756354	3814894	3761206	3777485	0.86	cps
Rhodium	103-1	10050899	10721644	10891357	10554633	4.21	cps
Rhodium	103-2	5625383	5557923	5588118	5590474	0.60	cps
Scandium	45-1	8286786	8896507	8962457	8715250	4.27	cps
Scandium	45-2	676806	669630	673557	673331	0.53	cps
Selenium	82-1	941	989	889	940	5.32	cps
Selenium	77-2	1797	1870	1967	1878	4.54	cps
Selenium	78-2	2667	2424	2472	2521	5.10	cps
Silicon	28-1	18917442	19747231	19686374	19450349	2.38	cps
Silver	107-1	492	383	508	461	14.72	cps
Silver	109-1	250	217	325	264	21.02	cps
Sodium	23-2	570160546	578721102	567194046	572025231	1.05	cps
Strontium	86-1	1250309	1314143	1316261	1293571	2.90	cps
Strontium	88-1	10922468	11473240	11556439	11317382	3.04	cps
Sulfur	34-1	2756743	2880500	2817894	2818379	2.20	cps
Terbium	159-1	13681824	14371108	14560343	14204425	3.26	cps
Terbium	159-2	8752710	8925290	8862969	8846990	0.99	cps
Thallium	203-1	1383	1317	1433	1378	4.25	cps
Thallium	205-1	3451	3551	3184	3395	5.58	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-10	Instrumnet Name :	P7
Client Sample ID :	MW-9RR	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:00:21	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4834	4884	5084	4934	2.68	cps
Titanium	47-1	3234	3601	4134	3656	12.38	cps
Uranium	238-1	6669	7169	7077	6972	3.82	cps
Vanadium	51-2	1490	1527	1430	1482	3.29	cps
Yttrium	89-1	29861010	31521143	32158336	31180163	3.80	cps
Yttrium	89-2	6733003	6670762	6726026	6709930	0.51	cps
Zinc	66-2	34182	35075	35292	34850	1.69	cps
Zirconium	90-1	9562	10029	10187	9926	3.28	cps
Zirconium	91-1	2200	2142	2209	2184	1.66	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-11	Instrumnet Name :	P7
Client Sample ID :	MW-10	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:03:11	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55104	55149	55495	55249	0.39	cps
Antimony	121-1	725	658	775	719	8.14	cps
Arsenic	75-2	254	289	272	272	6.48	cps
Barium	135-1	222801	232798	237593	231064	3.27	cps
Barium	137-1	381569	402659	404292	396173	3.20	cps
Beryllium	9-1	587	730	587	634	13.04	cps
Bismuth	209-1	8030539	8572754	8585012	8396102	3.77	cps
Bismuth	209-2	6651911	6707062	6763567	6707513	0.83	cps
Boron	10-1	9812	9928	10070	9937	1.30	cps
Boron	11-1	47256	49881	51202	49446	4.06	cps
Bromine	81-1	69430	76490	80619	75513	7.49	cps
Bromine	81-2	10675	10334	10475	10495	1.63	cps
Cadmium	111-1	6933	7259	7076	7090	2.31	cps
Cadmium	106-1	8786	9195	8953	8978	2.29	cps
Cadmium	108-1	96	104	113	104	8.00	cps
Calcium	43-1	283865	302641	304353	296953	3.83	cps
Calcium	44-1	4380668	4535027	4639684	4518460	2.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14834	14387	15071	14764	2.35	cps
Cobalt	59-2	68472	67350	68613	68145	1.02	cps
Copper	63-2	11605	11301	11688	11531	1.77	cps
Dysprosium	156-1	36624	38921	38403	37983	3.17	cps
Dysprosium	156-2	29127	30096	29351	29524	1.72	cps
Erbium	164-1	38663	40033	40911	39869	2.84	cps
Erbium	164-2	25637	26542	26071	26083	1.74	cps
Gadolinium	160-1	42281	44279	45800	44120	4.00	cps
Gadolinium	160-2	31726	31576	32137	31813	0.91	cps
Holmium	165-1	13133778	14007626	14370071	13837158	4.59	cps
Holmium	165-2	8951794	8981971	8971276	8968347	0.17	cps
Indium	115-1	10985117	11510185	11738444	11411249	3.39	cps
Indium	115-2	3682907	3685158	3687500	3685188	0.06	cps
Iron	56-2	291852	289562	291420	290945	0.42	cps
Iron	57-2	21471	22055	21905	21810	1.39	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-11	Instrumnet Name :	P7
Client Sample ID :	MW-10	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:03:11	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18460	17709	18190	18120	2.10	cps
Krypton	83-1	580	630	663	624	6.72	cps
Lead	206-1	14230	13451	14602	14095	4.17	cps
Lead	207-1	11116	11344	11271	11244	1.04	cps
Lead	208-1	39517	41051	41629	40732	2.68	cps
Lithium	6-1	4089266	4173264	4392547	4218359	3.71	cps
Magnesium	24-2	787342	785472	786768	786527	0.12	cps
Manganese	55-2	311818	310915	314608	312447	0.62	cps
Molybdenum	94-1	650	858	817	775	14.22	cps
Molybdenum	95-1	375	275	292	314	17.07	cps
Molybdenum	96-1	325	508	392	408	22.73	cps
Molybdenum	97-1	175	192	183	183	4.55	cps
Molybdenum	98-1	358	483	567	469	22.34	cps
Neodymium	150-1	49018	52591	52632	51414	4.04	cps
Neodymium	150-2	27764	27557	27884	27735	0.60	cps
Nickel	60-2	8509	8833	8793	8711	2.02	cps
Phosphorus	31-2	1783	1867	1950	1867	4.46	cps
Potassium	39-2	908817	923007	924948	918924	0.96	cps
Rhodium	103-1	10627076	11475447	11417216	11173246	4.24	cps
Rhodium	103-2	5796184	5905840	5931070	5877698	1.22	cps
Scandium	45-1	8533293	9054459	9136819	8908190	3.67	cps
Scandium	45-2	676882	687846	685617	683449	0.85	cps
Selenium	82-1	115	64	90	90	28.61	cps
Selenium	77-2	103	120	127	117	10.30	cps
Selenium	78-2	272	283	276	277	2.04	cps
Silicon	28-1	18238489	18757729	18822906	18606375	1.72	cps
Silver	107-1	258	183	275	239	20.44	cps
Silver	109-1	183	125	208	172	24.83	cps
Sodium	23-2	158098148	156368859	157054209	157173739	0.55	cps
Strontium	86-1	203265	209051	211696	208004	2.07	cps
Strontium	88-1	1791087	1819169	1858934	1823063	1.87	cps
Sulfur	34-1	797160	792466	800250	796625	0.49	cps
Terbium	159-1	13435976	14349571	14380834	14055460	3.82	cps
Terbium	159-2	8782435	8832156	8797738	8804110	0.29	cps
Thallium	203-1	350	300	325	325	7.69	cps
Thallium	205-1	850	875	950	892	5.84	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-11	Instrumnet Name :	P7
Client Sample ID :	MW-10	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:03:11	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5051	4943	5176	5057	2.31	cps
Titanium	47-1	1500	1400	1750	1550	11.63	cps
Uranium	238-1	1058	1300	1208	1189	10.26	cps
Vanadium	51-2	290	253	263	269	7.05	cps
Yttrium	89-1	18262739	19486383	19601785	19116969	3.88	cps
Yttrium	89-2	4120787	4184984	4190185	4165319	0.93	cps
Zinc	66-2	16823	17120	16893	16945	0.92	cps
Zirconium	90-1	1508	1583	1575	1556	2.64	cps
Zirconium	91-1	317	258	333	303	13.01	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:20:19	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14615608	14640231	14810855	14688898	0.72	cps
Antimony	121-1	4226915	4437513	4463903	4376110	2.97	cps
Arsenic	75-2	240001	240723	241479	240734	0.31	cps
Barium	135-1	5474090	5749036	5767980	5663702	2.90	cps
Barium	137-1	9429174	9770389	9878537	9692700	2.42	cps
Beryllium	9-1	1236337	1324223	1306618	1289059	3.61	cps
Bismuth	209-1	8198430	7216290	7882753	7765824	6.46	cps
Bismuth	209-2	6163057	6189281	6161288	6171209	0.25	cps
Boron	10-1	253842	266960	274199	265000	3.89	cps
Boron	11-1	1242649	1314090	1356459	1304400	4.41	cps
Bromine	81-1	17494	18095	17519	17703	1.92	cps
Bromine	81-2	280	250	170	234	24.37	cps
Cadmium	111-1	1197530	1249039	1260566	1235712	2.72	cps
Cadmium	106-1	138944	146618	146208	143923	3.00	cps
Cadmium	108-1	95964	98897	100772	98544	2.46	cps
Calcium	43-1	8201212	8549307	8565591	8438704	2.44	cps
Calcium	44-1	130864449	134065532	135709478	133546486	1.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2243867	2272973	2272050	2262963	0.73	cps
Cobalt	59-2	3326597	3313136	3324063	3321265	0.22	cps
Copper	63-2	24327458	24311253	24229622	24289444	0.22	cps
Dysprosium	156-1	617	617	717	650	8.88	cps
Dysprosium	156-2	1083	1063	1070	1072	0.95	cps
Erbium	164-1	117	150	142	136	12.74	cps
Erbium	164-2	60	107	67	78	32.45	cps
Gadolinium	160-1	525	483	642	550	14.92	cps
Gadolinium	160-2	1577	1667	1633	1626	2.80	cps
Holmium	165-1	14140704	12524562	13334606	13333291	6.06	cps
Holmium	165-2	8590093	8736306	8657385	8661261	0.84	cps
Indium	115-1	11353205	10071609	10788497	10737770	5.98	cps
Indium	115-2	3484520	3482186	3475741	3480816	0.13	cps
Iron	56-2	498981822	498948089	498434144	498788019	0.06	cps
Iron	57-2	12800034	12836340	12957912	12864762	0.64	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:20:19	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	27635563	27760678	27657781	27684674	0.24	cps
Krypton	83-1	427	483	570	493	14.63	cps
Lead	206-1	17200130	17541317	18145494	17628980	2.72	cps
Lead	207-1	14893467	15536357	15942485	15457436	3.42	cps
Lead	208-1	52850220	54152752	55162913	54055295	2.14	cps
Lithium	6-1	4274125	3865675	4117519	4085773	5.04	cps
Magnesium	24-2	127685831	128750520	128340700	128259017	0.42	cps
Manganese	55-2	16395034	16307619	16366772	16356475	0.27	cps
Molybdenum	94-1	18066605	18669834	18991367	18575935	2.53	cps
Molybdenum	95-1	25913332	26363975	27149913	26475740	2.36	cps
Molybdenum	96-1	28454725	28943439	29773636	29057267	2.29	cps
Molybdenum	97-1	15882657	16468966	16709057	16353560	2.60	cps
Molybdenum	98-1	41030951	42278037	42779497	42029495	2.14	cps
Neodymium	150-1	547	640	553	580	8.98	cps
Neodymium	150-2	140	90	107	112	22.69	cps
Nickel	60-2	861163	860480	862267	861303	0.10	cps
Phosphorus	31-2	156595	156763	157000	156786	0.13	cps
Potassium	39-2	66870491	66220301	67812968	66967920	1.20	cps
Rhodium	103-1	10961923	9683857	10507753	10384511	6.24	cps
Rhodium	103-2	5489199	5435336	5477865	5467466	0.52	cps
Scandium	45-1	9288970	8179565	8915412	8794649	6.42	cps
Scandium	45-2	663783	667256	672449	667829	0.65	cps
Selenium	82-1	84910	88088	87493	86830	1.95	cps
Selenium	77-2	8286	8149	7892	8109	2.46	cps
Selenium	78-2	27075	27054	26939	27023	0.27	cps
Silicon	28-1	30581372	31835682	32265715	31560923	2.77	cps
Silver	107-1	6021277	6201992	6240153	6154474	1.90	cps
Silver	109-1	5634083	5842673	5924428	5800395	2.58	cps
Sodium	23-2	209513916	207513955	207675866	208234579	0.53	cps
Strontium	86-1	41283432	43015675	43310423	42536510	2.57	cps
Strontium	88-1	360611550	370946383	377365050	369640994	2.29	cps
Sulfur	34-1	1183820	1184598	1182419	1183612	0.09	cps
Terbium	159-1	14332109	12777129	13766057	13625098	5.78	cps
Terbium	159-2	8479318	8518843	8439059	8479073	0.47	cps
Thallium	203-1	4161341	4209041	4254589	4208324	1.11	cps
Thallium	205-1	9770494	10042662	10213252	10008803	2.23	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:20:19	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3736038	3884310	3895819	3838722	2.32	cps
Titanium	47-1	8083306	8357391	8487353	8309350	2.48	cps
Uranium	238-1	13019365	13634707	13689639	13447904	2.77	cps
Vanadium	51-2	1976452	1947236	1949331	1957673	0.83	cps
Yttrium	89-1	19021125	16717342	17943725	17894064	6.44	cps
Yttrium	89-2	3850516	3841680	3806468	3832888	0.61	cps
Zinc	66-2	3821731	3851752	3832655	3835379	0.40	cps
Zirconium	90-1	9180963	9321258	9479992	9327405	1.60	cps
Zirconium	91-1	2069968	2120284	2117197	2102483	1.34	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:35:32	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	772	878	1006	885	13.20	cps
Antimony	121-1	425	500	675	533	24.05	cps
Arsenic	75-2	6	2	6	4	49.54	cps
Barium	135-1	133	225	117	158	36.84	cps
Barium	137-1	267	267	275	269	1.78	cps
Beryllium	9-1	137	133	117	129	8.31	cps
Bismuth	209-1	8565928	8608447	8580975	8585116	0.25	cps
Bismuth	209-2	6830644	6853246	6809083	6830991	0.32	cps
Boron	10-1	1100	867	850	939	14.89	cps
Boron	11-1	4442	4126	4359	4309	3.81	cps
Bromine	81-1	17711	16776	17144	17210	2.74	cps
Bromine	81-2	80	80	120	93	24.74	cps
Cadmium	111-1	5063	5065	4785	4971	3.24	cps
Cadmium	106-1	7210	7219	6818	7082	3.23	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	358	558	608	508	26.02	cps
Calcium	44-1	17252	18654	18679	18195	4.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1633	1567	1450	1550	5.99	cps
Cobalt	59-2	147	157	210	171	19.90	cps
Copper	63-2	3340	3150	3307	3266	3.11	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	23	3	13	13	75.02	cps
Erbium	164-1	42	92	67	67	37.50	cps
Erbium	164-2	33	53	23	37	41.66	cps
Gadolinium	160-1	92	100	117	103	12.39	cps
Gadolinium	160-2	1307	1243	1353	1301	4.24	cps
Holmium	165-1	13451196	13713331	13747759	13637429	1.19	cps
Holmium	165-2	8802283	8843440	8773936	8806553	0.40	cps
Indium	115-1	11406269	11785688	11864225	11685394	2.10	cps
Indium	115-2	3768766	3799817	3751063	3773216	0.65	cps
Iron	56-2	21221	21393	21683	21432	1.09	cps
Iron	57-2	2789	2600	2873	2754	5.07	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:35:32	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2753	2403	2483	2546	7.21	cps
Krypton	83-1	480	463	440	461	4.36	cps
Lead	206-1	1078	1156	1239	1157	6.96	cps
Lead	207-1	906	928	917	917	1.21	cps
Lead	208-1	3298	3653	3684	3545	6.06	cps
Lithium	6-1	4209273	4278550	4255997	4247940	0.83	cps
Magnesium	24-2	2572	2634	2656	2621	1.65	cps
Manganese	55-2	1413	1260	1357	1343	5.77	cps
Molybdenum	94-1	475	692	800	656	25.24	cps
Molybdenum	95-1	542	675	683	633	12.55	cps
Molybdenum	96-1	542	708	783	678	18.25	cps
Molybdenum	97-1	425	267	275	322	27.65	cps
Molybdenum	98-1	925	925	1025	958	6.02	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	507	380	390	426	16.55	cps
Phosphorus	31-2	1717	1767	1683	1722	2.44	cps
Potassium	39-2	106303	105749	105968	106007	0.26	cps
Rhodium	103-1	11349632	11640861	11713901	11568132	1.67	cps
Rhodium	103-2	6160611	6138066	6208877	6169184	0.59	cps
Scandium	45-1	8797400	8915468	9005662	8906177	1.17	cps
Scandium	45-2	674606	674961	674279	674615	0.05	cps
Selenium	82-1	88	106	104	99	10.02	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	191	189	137	172	17.70	cps
Silicon	28-1	773119	773865	769491	772158	0.30	cps
Silver	107-1	392	375	325	364	9.53	cps
Silver	109-1	325	242	308	292	15.12	cps
Sodium	23-2	80772	78582	78247	79200	1.73	cps
Strontium	86-1	1442	1558	1492	1497	3.91	cps
Strontium	88-1	5651	7769	8211	7210	18.98	cps
Sulfur	34-1	485741	480694	485534	483990	0.59	cps
Terbium	159-1	13761363	14052124	13972491	13928659	1.08	cps
Terbium	159-2	8624351	8798094	8693788	8705411	1.00	cps
Thallium	203-1	325	292	225	281	18.15	cps
Thallium	205-1	775	592	858	742	18.39	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:35:32	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	8428	7686	7953	8022	4.69	cps
Titanium	47-1	325	400	375	367	10.41	cps
Uranium	238-1	217	258	250	242	9.12	cps
Vanadium	51-2	30	53	43	42	27.72	cps
Yttrium	89-1	17878925	18192706	18506894	18192841	1.73	cps
Yttrium	89-2	3940813	3969439	3996370	3968874	0.70	cps
Zinc	66-2	1173	1130	1057	1120	5.27	cps
Zirconium	90-1	933	992	1075	1000	7.12	cps
Zirconium	91-1	233	142	233	203	26.10	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-12	Instrumnet Name :	P7
Client Sample ID :	MW-11R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:40:32	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18166	18055	18639	18287	1.70	cps
Antimony	121-1	608	683	683	658	6.58	cps
Arsenic	75-2	324	339	356	340	4.64	cps
Barium	135-1	322197	330963	335383	329514	2.04	cps
Barium	137-1	553981	564049	578015	565348	2.13	cps
Beryllium	9-1	230	253	243	242	4.83	cps
Bismuth	209-1	7548283	7573757	7629554	7583865	0.55	cps
Bismuth	209-2	6025157	6056292	6044908	6042119	0.26	cps
Boron	10-1	18411	20214	19830	19485	4.87	cps
Boron	11-1	92300	100458	98303	97020	4.36	cps
Bromine	81-1	137122	173444	193794	168120	17.08	cps
Bromine	81-2	30563	31114	32218	31298	2.69	cps
Cadmium	111-1	8268	8079	8072	8140	1.37	cps
Cadmium	106-1	7919	7627	7802	7783	1.89	cps
Cadmium	108-1	221	242	271	244	10.27	cps
Calcium	43-1	1136434	1167315	1167752	1157167	1.55	cps
Calcium	44-1	17450834	17674383	18006993	17710737	1.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18825	19286	19363	19158	1.52	cps
Cobalt	59-2	48809	47709	48371	48296	1.15	cps
Copper	63-2	9430	9240	9360	9343	1.03	cps
Dysprosium	156-1	42306	44070	45541	43972	3.68	cps
Dysprosium	156-2	33971	34402	34532	34302	0.86	cps
Erbium	164-1	44538	45541	47924	46001	3.78	cps
Erbium	164-2	29758	29561	29795	29705	0.42	cps
Gadolinium	160-1	50760	50684	51010	50818	0.34	cps
Gadolinium	160-2	36000	35702	36320	36007	0.86	cps
Holmium	165-1	12993779	13274214	13406913	13224969	1.59	cps
Holmium	165-2	8380933	8426761	8582220	8463305	1.25	cps
Indium	115-1	10636204	10734170	10827888	10732754	0.89	cps
Indium	115-2	3453753	3491056	3461012	3468607	0.57	cps
Iron	56-2	63166958	64290089	64219135	63892061	0.98	cps
Iron	57-2	1628606	1627330	1673332	1643090	1.59	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-12	Instrumnet Name :	P7
Client Sample ID :	MW-11R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:40:32	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3518619	3577415	3572649	3556228	0.92	cps
Krypton	83-1	950	1110	1150	1070	9.89	cps
Lead	206-1	8336	6985	6124	7148	15.60	cps
Lead	207-1	6435	5351	5018	5601	13.23	cps
Lead	208-1	23990	20048	17954	20664	14.83	cps
Lithium	6-1	3876829	4019207	4003597	3966544	1.97	cps
Magnesium	24-2	2731678	2748162	2751855	2743898	0.39	cps
Manganese	55-2	822226	836161	834506	830964	0.92	cps
Molybdenum	94-1	892	1317	1158	1122	19.14	cps
Molybdenum	95-1	783	1050	950	928	14.52	cps
Molybdenum	96-1	1325	1758	1767	1617	15.63	cps
Molybdenum	97-1	475	717	692	628	21.17	cps
Molybdenum	98-1	1158	1558	1300	1339	15.15	cps
Neodymium	150-1	59077	60001	61513	60197	2.04	cps
Neodymium	150-2	32688	32397	33233	32773	1.29	cps
Nickel	60-2	8336	7915	8406	8219	3.23	cps
Phosphorus	31-2	2067	1859	1958	1961	5.31	cps
Potassium	39-2	2260775	2265786	2292411	2272991	0.75	cps
Rhodium	103-1	10168345	10394974	10436187	10333169	1.40	cps
Rhodium	103-2	5400825	5417808	5354839	5391157	0.60	cps
Scandium	45-1	8480432	8658662	8711733	8616942	1.41	cps
Scandium	45-2	649853	655050	660228	655044	0.79	cps
Selenium	82-1	-162	-285	-311	-253	-31.37	cps
Selenium	77-2	113	103	110	109	4.67	cps
Selenium	78-2	302	298	341	314	7.52	cps
Silicon	28-1	27289905	27914223	27888082	27697403	1.28	cps
Silver	107-1	3359	2292	2050	2567	27.13	cps
Silver	109-1	3159	1733	1758	2217	36.80	cps
Sodium	23-2	685667038	684145660	685340615	685051104	0.12	cps
Strontium	86-1	739035	761092	765875	755334	1.90	cps
Strontium	88-1	6511290	6665463	6654856	6610536	1.30	cps
Sulfur	34-1	904486	904513	900172	903057	0.28	cps
Terbium	159-1	13287675	13381861	13717406	13462314	1.68	cps
Terbium	159-2	8337946	8385132	8336011	8353030	0.33	cps
Thallium	203-1	925	767	883	858	9.56	cps
Thallium	205-1	1950	2209	1817	1992	10.00	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-12	Instrumnet Name :	P7
Client Sample ID :	MW-11R	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:40:32	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4176	4509	4751	4479	6.45	cps
Titanium	47-1	1550	2384	2742	2225	27.48	cps
Uranium	238-1	1100	1375	1308	1261	11.38	cps
Vanadium	51-2	423	367	487	426	14.11	cps
Yttrium	89-1	18799157	18907206	19100108	18935490	0.81	cps
Yttrium	89-2	4060388	4007733	4015280	4027800	0.71	cps
Zinc	66-2	97862	98505	99435	98601	0.80	cps
Zirconium	90-1	1550	1859	1725	1711	9.04	cps
Zirconium	91-1	367	325	425	372	13.50	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-13	Instrumnet Name :	P7
Client Sample ID :	FB091322	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:43:23	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1745	1745	1745	1745	0.00	cps
Antimony	121-1	250	267	283	267	6.25	cps
Arsenic	75-2	4	7	4	5	43.39	cps
Barium	135-1	383	442	392	406	7.78	cps
Barium	137-1	542	675	783	667	18.16	cps
Beryllium	9-1	97	97	133	109	19.44	cps
Bismuth	209-1	8575023	8694525	8791592	8687047	1.25	cps
Bismuth	209-2	6920385	6868251	6991396	6926677	0.89	cps
Boron	10-1	1125	975	1017	1039	7.45	cps
Boron	11-1	5184	5268	4943	5132	3.29	cps
Bromine	81-1	43849	38309	35970	39376	10.28	cps
Bromine	81-2	2413	1962	2172	2182	10.33	cps
Cadmium	111-1	5649	5731	5807	5729	1.38	cps
Cadmium	106-1	8052	8152	8269	8158	1.33	cps
Cadmium	108-1	13	13	21	15	31.48	cps
Calcium	43-1	1383	1708	1317	1470	14.26	cps
Calcium	44-1	32962	36495	35418	34958	5.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7125	6848	7105	7026	2.20	cps
Cobalt	59-2	160	157	177	164	6.52	cps
Copper	63-2	4157	4301	4021	4160	3.37	cps
Dysprosium	156-1	58	92	25	58	57.15	cps
Dysprosium	156-2	30	57	23	37	48.11	cps
Erbium	164-1	75	117	100	97	21.57	cps
Erbium	164-2	77	53	33	54	39.84	cps
Gadolinium	160-1	183	83	233	167	45.82	cps
Gadolinium	160-2	1560	1420	1413	1465	5.66	cps
Holmium	165-1	13625908	13960273	14086546	13890909	1.71	cps
Holmium	165-2	8863780	8717319	8955244	8845448	1.36	cps
Indium	115-1	11506533	11539901	11920258	11655564	1.97	cps
Indium	115-2	3800654	3733705	3818133	3784164	1.18	cps
Iron	56-2	74255	72759	72753	73256	1.18	cps
Iron	57-2	4062	4323	4112	4165	3.33	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-13	Instrumnet Name :	P7
Client Sample ID :	FB091322	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:43:23	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5747	5427	5577	5583	2.87	cps
Krypton	83-1	497	460	487	481	3.94	cps
Lead	206-1	2328	2284	2228	2280	2.20	cps
Lead	207-1	2195	1889	1839	1974	9.75	cps
Lead	208-1	6990	7076	6490	6852	4.62	cps
Lithium	6-1	4145279	4202588	4329506	4225791	2.23	cps
Magnesium	24-2	3145	3250	3100	3165	2.43	cps
Manganese	55-2	4527	4511	4321	4453	2.58	cps
Molybdenum	94-1	533	617	558	569	7.51	cps
Molybdenum	95-1	367	458	550	458	20.00	cps
Molybdenum	96-1	367	683	633	561	30.34	cps
Molybdenum	97-1	150	350	342	281	40.33	cps
Molybdenum	98-1	517	700	758	658	19.16	cps
Neodymium	150-1	33	80	87	67	43.59	cps
Neodymium	150-2	30	37	33	33	10.01	cps
Nickel	60-2	1530	1600	1643	1591	3.59	cps
Phosphorus	31-2	2075	1858	2000	1978	5.56	cps
Potassium	39-2	117585	116788	114823	116399	1.22	cps
Rhodium	103-1	11443902	11699462	11844734	11662699	1.74	cps
Rhodium	103-2	6138399	6117538	6200543	6152160	0.70	cps
Scandium	45-1	8729741	8922293	9121096	8924377	2.19	cps
Scandium	45-2	680055	669543	692287	680628	1.67	cps
Selenium	82-1	69	98	103	90	20.71	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	198	174	183	185	6.56	cps
Silicon	28-1	879339	902560	916336	899412	2.08	cps
Silver	107-1	183	208	292	228	24.90	cps
Silver	109-1	183	142	242	189	26.59	cps
Sodium	23-2	296522	277325	265225	279690	5.64	cps
Strontium	86-1	1475	1675	1692	1614	7.47	cps
Strontium	88-1	5826	8569	8669	7688	20.98	cps
Sulfur	34-1	485388	483449	493759	487532	1.12	cps
Terbium	159-1	14107009	14193891	14237622	14179508	0.47	cps
Terbium	159-2	8812027	8832475	8781984	8808829	0.29	cps
Thallium	203-1	267	192	175	211	23.13	cps
Thallium	205-1	608	633	517	586	10.48	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-13	Instrumnet Name :	P7
Client Sample ID :	FB091322	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:43:23	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3426	3484	3592	3501	2.42	cps
Titanium	47-1	1325	1683	1475	1495	12.04	cps
Uranium	238-1	117	250	108	158	50.21	cps
Vanadium	51-2	80	113	110	101	18.16	cps
Yttrium	89-1	18286997	18297642	18862718	18482452	1.78	cps
Yttrium	89-2	3968869	3976270	4004635	3983258	0.47	cps
Zinc	66-2	3080	3274	3024	3126	4.19	cps
Zirconium	90-1	967	892	1108	989	11.13	cps
Zirconium	91-1	167	183	217	189	13.48	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-14	Instrumnet Name :	P7
Client Sample ID :	FB091422	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:46:14	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1311	1372	1506	1396	7.12	cps
Antimony	121-1	133	242	208	194	28.54	cps
Arsenic	75-2	0	4	0	1	173.21	cps
Barium	135-1	233	233	325	264	20.06	cps
Barium	137-1	483	408	550	481	14.75	cps
Beryllium	9-1	137	100	130	122	15.98	cps
Bismuth	209-1	8403324	8734775	8849699	8662600	2.68	cps
Bismuth	209-2	6845733	7024612	7067089	6979145	1.68	cps
Boron	10-1	800	833	842	825	2.67	cps
Boron	11-1	3884	3642	3826	3784	3.33	cps
Bromine	81-1	24154	22760	22727	23213	3.51	cps
Bromine	81-2	931	761	871	854	10.10	cps
Cadmium	111-1	5619	5583	5936	5713	3.40	cps
Cadmium	106-1	8036	7986	8478	8166	3.32	cps
Cadmium	108-1	21	33	21	25	28.87	cps
Calcium	43-1	1375	1175	1217	1256	8.40	cps
Calcium	44-1	29780	31408	32770	31320	4.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8659	8432	8709	8600	1.72	cps
Cobalt	59-2	150	207	170	176	16.37	cps
Copper	63-2	4461	4307	4204	4324	2.99	cps
Dysprosium	156-1	25	58	33	39	44.62	cps
Dysprosium	156-2	37	13	13	21	63.83	cps
Erbium	164-1	33	92	125	83	55.67	cps
Erbium	164-2	47	37	43	42	12.06	cps
Gadolinium	160-1	108	125	100	111	11.46	cps
Gadolinium	160-2	1507	1283	1410	1400	8.00	cps
Holmium	165-1	13600269	13954097	14197284	13917216	2.16	cps
Holmium	165-2	9007229	8989062	8995486	8997259	0.10	cps
Indium	115-1	11583430	11958489	12074294	11872071	2.16	cps
Indium	115-2	3910382	3899658	3875408	3895150	0.46	cps
Iron	56-2	69276	69292	70521	69696	1.02	cps
Iron	57-2	4073	4367	4240	4227	3.49	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-14	Instrumnet Name :	P7
Client Sample ID :	FB091422	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:46:14	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5336	5957	5417	5570	6.06	cps
Krypton	83-1	537	453	530	507	9.14	cps
Lead	206-1	1639	1678	1506	1608	5.62	cps
Lead	207-1	1250	1350	1433	1345	6.83	cps
Lead	208-1	4701	5059	5037	4932	4.07	cps
Lithium	6-1	4113233	4278818	4241694	4211248	2.06	cps
Magnesium	24-2	1889	1717	1795	1800	4.79	cps
Manganese	55-2	5361	5688	5358	5469	3.47	cps
Molybdenum	94-1	375	333	575	428	30.20	cps
Molybdenum	95-1	233	333	250	272	19.68	cps
Molybdenum	96-1	383	433	517	444	15.16	cps
Molybdenum	97-1	217	208	167	197	13.58	cps
Molybdenum	98-1	258	575	583	472	39.24	cps
Neodymium	150-1	0	40	60	33	91.65	cps
Neodymium	150-2	13	17	30	20	44.10	cps
Nickel	60-2	2020	2070	1927	2006	3.63	cps
Phosphorus	31-2	1850	1992	1842	1895	4.45	cps
Potassium	39-2	112774	113764	112430	112989	0.61	cps
Rhodium	103-1	11494502	11791696	12050871	11779023	2.36	cps
Rhodium	103-2	6323569	6261459	6264477	6283169	0.56	cps
Scandium	45-1	8756914	9123969	9094217	8991700	2.27	cps
Scandium	45-2	692456	694186	697968	694870	0.41	cps
Selenium	82-1	16	73	3	31	119.55	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	154	189	176	173	10.29	cps
Silicon	28-1	848310	872612	891648	870857	2.49	cps
Silver	107-1	133	183	192	169	18.62	cps
Silver	109-1	142	117	142	133	10.83	cps
Sodium	23-2	173566	170213	169724	171168	1.22	cps
Strontium	86-1	1175	1308	1200	1228	5.77	cps
Strontium	88-1	2667	4326	4726	3906	27.95	cps
Sulfur	34-1	491372	488951	486095	488806	0.54	cps
Terbium	159-1	13911579	14332934	14483564	14242692	2.08	cps
Terbium	159-2	8774323	8810844	8801813	8795660	0.22	cps
Thallium	203-1	233	167	100	167	40.00	cps
Thallium	205-1	458	317	358	378	19.27	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-14	Instrumnet Name :	P7
Client Sample ID :	FB091422	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:46:14	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3617	3942	3901	3820	4.63	cps
Titanium	47-1	550	658	567	592	9.86	cps
Uranium	238-1	33	50	75	53	39.74	cps
Vanadium	51-2	57	40	53	50	17.64	cps
Yttrium	89-1	18159091	18644353	19069313	18624252	2.45	cps
Yttrium	89-2	4073495	4048015	4021948	4047819	0.64	cps
Zinc	66-2	3270	3267	3187	3241	1.46	cps
Zirconium	90-1	942	1083	858	961	11.84	cps
Zirconium	91-1	200	133	192	175	20.76	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-15	Instrumnet Name :	P7
Client Sample ID :	DUP091422	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:49:07	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	178172	180459	177018	178550	0.98	cps
Antimony	121-1	617	633	625	625	1.33	cps
Arsenic	75-2	3964	4006	4091	4020	1.62	cps
Barium	135-1	141501	143629	149749	144959	2.95	cps
Barium	137-1	243478	253412	256170	251020	2.66	cps
Beryllium	9-1	817	753	860	810	6.62	cps
Bismuth	209-1	7794094	7993244	8052517	7946618	1.70	cps
Bismuth	209-2	6255546	6356089	6239542	6283725	1.01	cps
Boron	10-1	38624	41715	40929	40423	3.97	cps
Boron	11-1	198567	214357	218492	210472	5.00	cps
Bromine	81-1	133704	164241	179951	159299	14.76	cps
Bromine	81-2	29790	29008	30091	29630	1.89	cps
Cadmium	111-1	10393	10263	10676	10444	2.02	cps
Cadmium	106-1	13790	13673	14216	13893	2.05	cps
Cadmium	108-1	92	113	83	96	15.68	cps
Calcium	43-1	1741114	1816889	1816956	1791653	2.44	cps
Calcium	44-1	28134662	29327253	29734813	29065576	2.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23004	23448	22487	22980	2.09	cps
Cobalt	59-2	22313	21970	21839	22041	1.11	cps
Copper	63-2	20985	20634	20467	20696	1.28	cps
Dysprosium	156-1	631460	651579	654799	645946	1.96	cps
Dysprosium	156-2	516836	522183	519898	519639	0.52	cps
Erbium	164-1	625638	654339	658811	646263	2.79	cps
Erbium	164-2	418079	422894	421396	420790	0.59	cps
Gadolinium	160-1	722078	758529	764848	748485	3.08	cps
Gadolinium	160-2	518313	520655	520695	519888	0.26	cps
Holmium	165-1	13838022	14118114	14290597	14082244	1.62	cps
Holmium	165-2	9133750	9126792	9146637	9135727	0.11	cps
Indium	115-1	10871686	11191870	11297025	11120194	1.99	cps
Indium	115-2	3635640	3627597	3558109	3607115	1.18	cps
Iron	56-2	1242657	1249467	1236367	1242830	0.53	cps
Iron	57-2	110151	110989	109714	110285	0.59	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-15	Instrumnet Name :	P7
Client Sample ID :	DUP091422	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:49:07	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	71612	71983	72407	72001	0.55	cps
Krypton	83-1	1863	1973	2200	2012	8.53	cps
Lead	206-1	48062	50906	50516	49828	3.09	cps
Lead	207-1	37218	39291	39073	38527	2.96	cps
Lead	208-1	139277	144455	144800	142844	2.17	cps
Lithium	6-1	4008911	4089341	4077191	4058481	1.07	cps
Magnesium	24-2	3626526	3662226	3620020	3636257	0.62	cps
Manganese	55-2	321162	319833	317342	319446	0.61	cps
Molybdenum	94-1	3667	3500	3534	3567	2.47	cps
Molybdenum	95-1	725	858	758	781	8.89	cps
Molybdenum	96-1	1308	1225	1342	1292	4.65	cps
Molybdenum	97-1	450	408	450	436	5.52	cps
Molybdenum	98-1	1275	1225	1192	1231	3.41	cps
Neodymium	150-1	1029299	1072206	1087742	1063082	2.85	cps
Neodymium	150-2	576212	581167	576264	577881	0.49	cps
Nickel	60-2	10284	10360	9883	10176	2.52	cps
Phosphorus	31-2	1725	1733	1992	1817	8.35	cps
Potassium	39-2	3850292	3790197	3797295	3812595	0.86	cps
Rhodium	103-1	10588758	10842441	10804720	10745306	1.27	cps
Rhodium	103-2	5611049	5659561	5630155	5633588	0.43	cps
Scandium	45-1	8580001	8892261	9013594	8828619	2.53	cps
Scandium	45-2	683275	678568	674563	678802	0.64	cps
Selenium	82-1	965	1117	812	965	15.78	cps
Selenium	77-2	2017	2107	1937	2020	4.21	cps
Selenium	78-2	2617	2543	2628	2596	1.78	cps
Silicon	28-1	19109245	19902362	20019075	19676894	2.52	cps
Silver	107-1	858	608	692	719	17.69	cps
Silver	109-1	617	517	467	533	14.32	cps
Sodium	23-2	583897435	577914880	578206591	580006302	0.58	cps
Strontium	86-1	1265108	1316772	1329404	1303761	2.61	cps
Strontium	88-1	11009401	11658174	11576710	11414762	3.10	cps
Sulfur	34-1	2736810	2761717	2800063	2766197	1.15	cps
Terbium	159-1	14341459	14313463	14659861	14438261	1.33	cps
Terbium	159-2	8984569	8987273	8872301	8948048	0.73	cps
Thallium	203-1	1508	1367	1517	1464	5.76	cps
Thallium	205-1	3376	3300	3826	3501	8.11	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-15	Instrumnet Name :	P7
Client Sample ID :	DUP091422	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 19:49:07	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5018	4601	4392	4670	6.82	cps
Titanium	47-1	3409	3784	4251	3814	11.06	cps
Uranium	238-1	6494	6493	7069	6685	4.97	cps
Vanadium	51-2	1403	1357	1427	1396	2.55	cps
Yttrium	89-1	30999911	32232914	32515591	31916139	2.53	cps
Yttrium	89-2	6861479	6862131	6812720	6845443	0.41	cps
Zinc	66-2	36882	36852	37507	37080	1.00	cps
Zirconium	90-1	9412	10262	9970	9881	4.38	cps
Zirconium	91-1	1925	2225	2017	2056	7.48	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 20:59:55	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14716203	14769065	14664509	14716592	0.36	cps
Antimony	121-1	4430911	4417187	4563811	4470636	1.81	cps
Arsenic	75-2	245721	247808	246065	246531	0.45	cps
Barium	135-1	5708226	5816720	5900372	5808439	1.66	cps
Barium	137-1	9847145	10015103	10205108	10022452	1.79	cps
Beryllium	9-1	1250622	1305061	1320827	1292170	2.85	cps
Bismuth	209-1	7080950	7782647	7949039	7604212	6.06	cps
Bismuth	209-2	6201955	6245931	6159436	6202441	0.70	cps
Boron	10-1	259181	269057	273765	267334	2.78	cps
Boron	11-1	1286803	1322473	1353467	1320914	2.53	cps
Bromine	81-1	17252	16969	17945	17388	2.89	cps
Bromine	81-2	130	120	90	113	18.37	cps
Cadmium	111-1	1244237	1268109	1282707	1265018	1.54	cps
Cadmium	106-1	144019	147999	148394	146804	1.65	cps
Cadmium	108-1	98527	101196	102131	100618	1.86	cps
Calcium	43-1	8670022	8763438	8789419	8740960	0.72	cps
Calcium	44-1	137223653	137662207	139601299	138162386	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2310298	2254659	2323406	2296121	1.59	cps
Cobalt	59-2	3355049	3442579	3361878	3386502	1.44	cps
Copper	63-2	25142047	25166773	25085211	25131344	0.17	cps
Dysprosium	156-1	575	675	575	608	9.49	cps
Dysprosium	156-2	1177	1200	1223	1200	1.94	cps
Erbium	164-1	142	158	133	144	8.81	cps
Erbium	164-2	53	90	67	70	26.51	cps
Gadolinium	160-1	542	542	400	494	16.54	cps
Gadolinium	160-2	1677	1670	1603	1650	2.46	cps
Holmium	165-1	12200758	13522205	13766479	13163147	6.40	cps
Holmium	165-2	8827923	8747820	8789701	8788481	0.46	cps
Indium	115-1	9832463	10886109	11132874	10617148	6.51	cps
Indium	115-2	3590334	3604850	3600318	3598501	0.21	cps
Iron	56-2	513493789	508084034	507815467	509797763	0.63	cps
Iron	57-2	12868990	13128738	12911972	12969900	1.07	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 20:59:55	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	28309991	28254378	28099826	28221398	0.39	cps
Krypton	83-1	517	497	510	508	2.01	cps
Lead	206-1	17544312	18066918	18336575	17982602	2.24	cps
Lead	207-1	15489611	15828535	15828366	15715504	1.24	cps
Lead	208-1	54376207	55084143	55764595	55074981	1.26	cps
Lithium	6-1	3680559	4124011	4139118	3981229	6.54	cps
Magnesium	24-2	129710670	127914100	128379414	128668061	0.72	cps
Manganese	55-2	16816504	16464479	16547652	16609545	1.11	cps
Molybdenum	94-1	18781228	19209961	19230572	19073920	1.33	cps
Molybdenum	95-1	26921508	27070028	27386921	27126153	0.88	cps
Molybdenum	96-1	29529700	29804590	30256904	29863731	1.23	cps
Molybdenum	97-1	16584922	16927763	17088362	16867016	1.52	cps
Molybdenum	98-1	42620172	43075634	43916881	43204229	1.52	cps
Neodymium	150-1	640	687	667	664	3.52	cps
Neodymium	150-2	140	150	87	126	27.12	cps
Nickel	60-2	884626	876772	882425	881274	0.46	cps
Phosphorus	31-2	159138	161748	159585	160157	0.87	cps
Potassium	39-2	68053333	68259764	67625039	67979379	0.48	cps
Rhodium	103-1	9570850	10596706	10744295	10303950	6.20	cps
Rhodium	103-2	5630752	5661403	5667246	5653134	0.35	cps
Scandium	45-1	8085013	8809957	9006195	8633722	5.62	cps
Scandium	45-2	681986	686740	684824	684517	0.35	cps
Selenium	82-1	87810	89061	90775	89215	1.67	cps
Selenium	77-2	8386	8776	8279	8480	3.08	cps
Selenium	78-2	27457	28158	27746	27787	1.27	cps
Silicon	28-1	31407709	31941746	32572090	31973848	1.82	cps
Silver	107-1	6196076	6395826	6321119	6304340	1.60	cps
Silver	109-1	5863895	6112416	6124009	6033440	2.44	cps
Sodium	23-2	209720994	209855788	210274205	209950329	0.14	cps
Strontium	86-1	42727320	43789428	44583667	43700138	2.13	cps
Strontium	88-1	378542208	378870192	387335067	381582489	1.31	cps
Sulfur	34-1	1174207	1147812	1145643	1155887	1.38	cps
Terbium	159-1	12426074	13944063	14057251	13475796	6.76	cps
Terbium	159-2	8588318	8629289	8720358	8645988	0.78	cps
Thallium	203-1	4180413	4297224	4354686	4277441	2.08	cps
Thallium	205-1	10073473	10207741	10488453	10256556	2.06	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 20:59:55	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3891414	3913030	4006507	3936983	1.55	cps
Titanium	47-1	8270894	8435404	8507082	8404460	1.44	cps
Uranium	238-1	13634626	13681803	13874660	13730363	0.93	cps
Vanadium	51-2	1988613	2014562	2023207	2008794	0.90	cps
Yttrium	89-1	16439051	18250611	18624839	17771500	6.58	cps
Yttrium	89-2	3995555	3933705	3963195	3964152	0.78	cps
Zinc	66-2	3937703	3898891	3901334	3912643	0.56	cps
Zirconium	90-1	9416888	9628391	9701102	9582127	1.54	cps
Zirconium	91-1	2132390	2156734	2179573	2156233	1.09	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:07:59	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4062	3606	3823	3830	5.95	cps
Antimony	121-1	1450	1483	992	1308	21.00	cps
Arsenic	75-2	33	17	20	23	37.30	cps
Barium	135-1	1033	750	400	728	43.59	cps
Barium	137-1	1700	1275	675	1217	42.33	cps
Beryllium	9-1	520	460	400	460	13.04	cps
Bismuth	209-1	8573587	8929909	8941147	8814881	2.37	cps
Bismuth	209-2	6921697	7118682	7088588	7042989	1.51	cps
Boron	10-1	1075	1267	1225	1189	8.48	cps
Boron	11-1	6460	5985	5426	5957	8.69	cps
Bromine	81-1	17703	19463	17578	18248	5.78	cps
Bromine	81-2	40	100	100	80	43.30	cps
Cadmium	111-1	5145	5584	5028	5252	5.58	cps
Cadmium	106-1	6793	7560	6994	7116	5.59	cps
Cadmium	108-1	33	54	25	38	40.07	cps
Calcium	43-1	1925	1500	917	1447	34.98	cps
Calcium	44-1	42413	35376	26007	34599	23.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1847	1907	1797	1850	2.98	cps
Cobalt	59-2	487	533	543	521	5.80	cps
Copper	63-2	4594	4464	4057	4372	6.41	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	67	58	75	67	12.50	cps
Erbium	164-2	70	37	40	49	37.55	cps
Gadolinium	160-1	142	108	117	122	14.19	cps
Gadolinium	160-2	1220	1283	1387	1297	6.49	cps
Holmium	165-1	13630121	14342067	14334956	14102382	2.90	cps
Holmium	165-2	8956712	9117165	9128660	9067513	1.06	cps
Indium	115-1	11691392	12322532	12339107	12117677	3.05	cps
Indium	115-2	3821438	3878202	3943554	3881065	1.57	cps
Iron	56-2	36367	32023	30375	32922	9.40	cps
Iron	57-2	3262	3017	3167	3149	3.92	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:07:59	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3754	3174	2713	3214	16.24	cps
Krypton	83-1	503	523	483	503	3.97	cps
Lead	206-1	4212	3262	2111	3195	32.92	cps
Lead	207-1	3439	2773	1756	2656	31.93	cps
Lead	208-1	12768	9725	6468	9653	32.64	cps
Lithium	6-1	4210666	4245133	4267836	4241212	0.68	cps
Magnesium	24-2	6290	5735	5140	5722	10.06	cps
Manganese	55-2	2060	2033	2020	2038	1.00	cps
Molybdenum	94-1	3909	3084	1725	2906	37.95	cps
Molybdenum	95-1	4951	3976	1884	3603	43.49	cps
Molybdenum	96-1	5501	4176	2392	4023	38.78	cps
Molybdenum	97-1	3259	2234	1025	2172	51.47	cps
Molybdenum	98-1	8228	6035	2900	5721	46.80	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	477	420	520	472	10.62	cps
Phosphorus	31-2	1817	1733	1725	1758	2.88	cps
Potassium	39-2	109274	108502	105027	107601	2.10	cps
Rhodium	103-1	11593701	12157088	12310396	12020395	3.14	cps
Rhodium	103-2	6274688	6368940	6360677	6334768	0.82	cps
Scandium	45-1	9010077	9242779	9427218	9226691	2.27	cps
Scandium	45-2	694594	696191	705775	698853	0.87	cps
Selenium	82-1	60	27	64	50	39.70	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	183	187	202	191	5.14	cps
Silicon	28-1	780595	783037	765853	776495	1.20	cps
Silver	107-1	4851	2375	1742	2989	54.96	cps
Silver	109-1	4601	2717	1667	2995	49.64	cps
Sodium	23-2	65076	65583	63436	64698	1.73	cps
Strontium	86-1	8203	6727	3609	6179	37.95	cps
Strontium	88-1	67942	46772	24004	46239	47.52	cps
Sulfur	34-1	455731	455273	452620	454542	0.37	cps
Terbium	159-1	14194961	14624410	14753577	14524316	2.01	cps
Terbium	159-2	8859777	9126504	9196505	9060929	1.96	cps
Thallium	203-1	1117	675	625	806	33.59	cps
Thallium	205-1	2609	1809	1400	1939	31.70	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:07:59	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	8328	12715	8169	9737	26.50	cps
Titanium	47-1	1600	1183	950	1245	26.46	cps
Uranium	238-1	3051	2509	1575	2378	31.38	cps
Vanadium	51-2	227	227	227	227	0.00	cps
Yttrium	89-1	18427569	19214580	19342291	18994813	2.61	cps
Yttrium	89-2	4072990	4080896	4109033	4087640	0.46	cps
Zinc	66-2	4324	4427	4351	4367	1.23	cps
Zirconium	90-1	3159	3000	2250	2803	17.31	cps
Zirconium	91-1	817	658	567	681	18.59	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01MS	Instrumnet Name :	P7
Client Sample ID :	MW-1RMS	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:33:25	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217330	208324	210739	212131	2.20	cps
Antimony	121-1	6359192	6602512	6603158	6521621	2.16	cps
Arsenic	75-2	361304	360132	360057	360498	0.19	cps
Barium	135-1	115163	119718	118843	117908	2.05	cps
Barium	137-1	196345	205385	206546	202759	2.75	cps
Beryllium	9-1	2656793	2691130	2797452	2715125	2.70	cps
Bismuth	209-1	7934346	7980007	8223425	8045926	1.93	cps
Bismuth	209-2	6407786	6458525	6460232	6442181	0.46	cps
Boron	10-1	5868	6410	6535	6271	5.65	cps
Boron	11-1	30497	32844	32977	32106	4.34	cps
Bromine	81-1	41943	50637	53004	48528	12.00	cps
Bromine	81-2	6749	6899	7289	6979	4.00	cps
Cadmium	111-1	2655419	2716479	2742162	2704686	1.65	cps
Cadmium	106-1	300210	308381	309429	306007	1.65	cps
Cadmium	108-1	194006	203718	203096	200273	2.71	cps
Calcium	43-1	1435237	1500509	1547775	1494507	3.78	cps
Calcium	44-1	23130347	23884633	24283945	23766308	2.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4894952	4918261	4854085	4889099	0.66	cps
Cobalt	59-2	7476997	7489010	7498703	7488237	0.15	cps
Copper	63-2	16263387	16004484	15978505	16082125	0.98	cps
Dysprosium	156-1	116918	122086	122767	120590	2.65	cps
Dysprosium	156-2	100494	103032	102333	101953	1.29	cps
Erbium	164-1	126091	134156	137581	132609	4.45	cps
Erbium	164-2	87096	87495	87934	87508	0.48	cps
Gadolinium	160-1	137808	143370	141341	140840	2.00	cps
Gadolinium	160-2	100839	102481	103663	102328	1.39	cps
Holmium	165-1	13583131	13730049	13955603	13756261	1.36	cps
Holmium	165-2	8842639	8936601	8839818	8873019	0.62	cps
Indium	115-1	11287324	11571675	11380704	11413234	1.27	cps
Indium	115-2	3634859	3607636	3643341	3628612	0.51	cps
Iron	56-2	595670	590200	590444	592105	0.52	cps
Iron	57-2	79543	78220	78767	78843	0.84	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01MS	Instrumnet Name :	P7
Client Sample ID :	MW-1RMS	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:33:25	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	195236	194548	194709	194831	0.18	cps
Krypton	83-1	753	887	850	830	8.30	cps
Lead	206-1	17772952	18325182	18886041	18328059	3.04	cps
Lead	207-1	15305149	15955290	16366422	15875620	3.37	cps
Lead	208-1	53897909	56262276	57334406	55831530	3.15	cps
Lithium	6-1	4098930	4069863	4157782	4108858	1.09	cps
Magnesium	24-2	20822207	20405936	20769800	20665981	1.10	cps
Manganese	55-2	11057682	11087475	10843263	10996140	1.21	cps
Molybdenum	94-1	7070389	7403659	7425475	7299841	2.73	cps
Molybdenum	95-1	30307	30616	31802	30908	2.55	cps
Molybdenum	96-1	1186096	1238244	1245091	1223143	2.64	cps
Molybdenum	97-1	18395	19096	19614	19035	3.21	cps
Molybdenum	98-1	47545	49568	49551	48888	2.38	cps
Neodymium	150-1	235240	243248	246306	241598	2.37	cps
Neodymium	150-2	131161	132964	130861	131662	0.86	cps
Nickel	60-2	1231390	1232210	1224117	1229239	0.36	cps
Phosphorus	31-2	2409	1834	2342	2195	14.33	cps
Potassium	39-2	1080547	1079251	1075599	1078465	0.24	cps
Rhodium	103-1	11136267	11042700	11057403	11078790	0.45	cps
Rhodium	103-2	5845731	5920402	5932140	5899424	0.79	cps
Scandium	45-1	8985819	8993456	9088485	9022587	0.63	cps
Scandium	45-2	695921	691996	694378	694098	0.28	cps
Selenium	82-1	182000	187765	188398	186054	1.89	cps
Selenium	77-2	17611	17474	17587	17557	0.42	cps
Selenium	78-2	57756	58020	57700	57825	0.30	cps
Silicon	28-1	16308931	16501850	16810799	16540527	1.53	cps
Silver	107-1	10513968	10451292	9258712	10074658	7.02	cps
Silver	109-1	8346338	7121793	8810456	8092863	10.78	cps
Sodium	23-2	159639187	161403904	161591076	160878055	0.67	cps
Strontium	86-1	3783800	3958904	4035792	3926165	3.29	cps
Strontium	88-1	33129327	34761321	34642618	34177755	2.66	cps
Sulfur	34-1	688308	682142	669028	679826	1.45	cps
Terbium	159-1	13943218	14075765	13924197	13981060	0.59	cps
Terbium	159-2	8765592	8793400	8850389	8803127	0.49	cps
Thallium	203-1	8772001	9158157	9251836	9060665	2.81	cps
Thallium	205-1	20902424	21820855	22260764	21661348	3.20	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01MS	Instrumnet Name :	P7
Client Sample ID :	MW-1RMS	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:33:25	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	33740	34367	34793	34300	1.54	cps
Titanium	47-1	14382	13957	15216	14518	4.41	cps
Uranium	238-1	27908061	28555495	29153951	28539169	2.18	cps
Vanadium	51-2	4296391	4324714	4240377	4287160	1.00	cps
Yttrium	89-1	20524642	20911129	20588496	20674756	1.00	cps
Yttrium	89-2	4442002	4485398	4403887	4443762	0.92	cps
Zinc	66-2	2503148	2508842	2472387	2494792	0.79	cps
Zirconium	90-1	19581213	20177040	20346458	20034904	2.01	cps
Zirconium	91-1	4387320	4492320	4509160	4462933	1.48	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01MSD	Instrumnet Name :	P7
Client Sample ID :	MW-1RMSD	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:38:23	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206473	208238	211950	208887	1.34	cps
Antimony	121-1	6377473	6549625	6635863	6520987	2.02	cps
Arsenic	75-2	365055	365023	366595	365558	0.25	cps
Barium	135-1	116307	120063	121559	119310	2.27	cps
Barium	137-1	201648	209191	209875	206905	2.21	cps
Beryllium	9-1	2690809	2749216	2787613	2742546	1.78	cps
Bismuth	209-1	7530677	8171624	8495063	8065788	6.09	cps
Bismuth	209-2	6583606	6631348	6528953	6581302	0.78	cps
Boron	10-1	6151	6577	6902	6543	5.75	cps
Boron	11-1	31741	33303	34806	33284	4.60	cps
Bromine	81-1	42136	49216	53372	48241	11.78	cps
Bromine	81-2	6969	6769	7570	7102	5.87	cps
Cadmium	111-1	2688429	2725350	2800695	2738158	2.09	cps
Cadmium	106-1	303567	311058	317135	310587	2.19	cps
Cadmium	108-1	200872	201685	207629	203395	1.81	cps
Calcium	43-1	1456630	1514969	1516281	1495960	2.28	cps
Calcium	44-1	23226530	24048143	24696348	23990340	3.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4986404	4934729	5014315	4978483	0.81	cps
Cobalt	59-2	7441765	7575240	7629627	7548877	1.28	cps
Copper	63-2	16483086	16200939	16501608	16395211	1.03	cps
Dysprosium	156-1	121281	123970	128114	124455	2.77	cps
Dysprosium	156-2	103210	103465	104707	103794	0.77	cps
Erbium	164-1	133635	135637	139593	136288	2.22	cps
Erbium	164-2	87236	89021	89296	88518	1.26	cps
Gadolinium	160-1	143395	148338	148600	146778	2.00	cps
Gadolinium	160-2	101830	102488	104425	102914	1.31	cps
Holmium	165-1	12349507	13544604	14164800	13352970	6.91	cps
Holmium	165-2	9063503	9036014	9017771	9039096	0.25	cps
Indium	115-1	10180701	11128816	11557061	10955526	6.43	cps
Indium	115-2	3727379	3712093	3718347	3719273	0.21	cps
Iron	56-2	582947	589901	585219	586022	0.61	cps
Iron	57-2	76768	78733	79599	78366	1.85	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01MSD	Instrumnet Name :	P7
Client Sample ID :	MW-1RMSD	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:38:23	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	197740	197802	197708	197750	0.02	cps
Krypton	83-1	763	830	827	807	4.66	cps
Lead	206-1	18624211	19291245	19502414	19139290	2.40	cps
Lead	207-1	16329958	16852347	16972848	16718384	2.04	cps
Lead	208-1	57222839	59017276	59794061	58678059	2.25	cps
Lithium	6-1	3795027	4097751	4151000	4014593	4.78	cps
Magnesium	24-2	20680090	20702539	21123373	20835334	1.20	cps
Manganese	55-2	11036803	11091809	11038800	11055804	0.28	cps
Molybdenum	94-1	7180772	7313517	7380718	7291669	1.40	cps
Molybdenum	95-1	30099	30908	32361	31123	3.68	cps
Molybdenum	96-1	1223922	1254354	1263090	1247122	1.65	cps
Molybdenum	97-1	18621	18921	19972	19171	3.70	cps
Molybdenum	98-1	48606	49718	50438	49587	1.86	cps
Neodymium	150-1	239624	247866	252675	246722	2.68	cps
Neodymium	150-2	134000	135118	135326	134815	0.53	cps
Nickel	60-2	1240762	1244648	1254776	1246729	0.58	cps
Phosphorus	31-2	2125	1934	2325	2128	9.21	cps
Potassium	39-2	1081825	1082582	1082938	1082448	0.05	cps
Rhodium	103-1	9829797	10736206	11342105	10636036	7.16	cps
Rhodium	103-2	5911103	6018023	5935052	5954726	0.94	cps
Scandium	45-1	7943429	8634544	9113977	8563983	6.87	cps
Scandium	45-2	682920	694703	703355	693659	1.48	cps
Selenium	82-1	182125	187807	190483	186805	2.28	cps
Selenium	77-2	17277	17497	17951	17575	1.96	cps
Selenium	78-2	57749	58507	58331	58195	0.68	cps
Silicon	28-1	16243006	16520573	16642683	16468754	1.24	cps
Silver	107-1	9049182	9003872	13798056	10617037	25.95	cps
Silver	109-1	9138712	7252664	13404319	9931898	31.73	cps
Sodium	23-2	160968526	160626898	161515415	161036946	0.28	cps
Strontium	86-1	3907524	4011225	4076400	3998383	2.13	cps
Strontium	88-1	34212449	34761156	34854911	34609505	1.00	cps
Sulfur	34-1	636093	636425	643762	638760	0.68	cps
Terbium	159-1	12666683	13830593	14446047	13647774	6.62	cps
Terbium	159-2	8870048	8969754	8879925	8906576	0.62	cps
Thallium	203-1	9108980	9410810	9652696	9390829	2.90	cps
Thallium	205-1	21844175	22616327	23236752	22565752	3.09	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01MSD	Instrumnet Name :	P7
Client Sample ID :	MW-1RMSD	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:38:23	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	32855	33523	33807	33395	1.46	cps
Titanium	47-1	13390	14833	17354	15192	13.21	cps
Uranium	238-1	29471128	29898593	30667066	30012263	2.02	cps
Vanadium	51-2	4331043	4372787	4397783	4367204	0.77	cps
Yttrium	89-1	18763993	20015253	21029466	19936237	5.69	cps
Yttrium	89-2	4433476	4408436	4466699	4436203	0.66	cps
Zinc	66-2	2482967	2526115	2514313	2507798	0.89	cps
Zirconium	90-1	20009236	20132326	20748365	20296643	1.95	cps
Zirconium	91-1	4402672	4510822	4531524	4481673	1.54	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01A	Instrumnet Name :	P7
Client Sample ID :	MW-1RA	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:41:00	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	209508	208454	212386	210116	0.97	cps
Antimony	121-1	6380720	6661966	6809701	6617462	3.29	cps
Arsenic	75-2	362717	360647	362806	362057	0.34	cps
Barium	135-1	115870	122190	124921	120994	3.84	cps
Barium	137-1	205275	211482	215122	210626	2.36	cps
Beryllium	9-1	2659356	2715140	2772634	2715710	2.09	cps
Bismuth	209-1	8278868	8752049	8756462	8595793	3.19	cps
Bismuth	209-2	6597841	6613804	6534843	6582163	0.63	cps
Boron	10-1	6743	6310	6543	6532	3.32	cps
Boron	11-1	32835	33069	34873	33593	3.32	cps
Bromine	81-1	48589	53933	59311	53944	9.94	cps
Bromine	81-2	7610	7700	7379	7563	2.18	cps
Cadmium	111-1	2738179	2783299	2838477	2786652	1.80	cps
Cadmium	106-1	307785	314763	325272	315940	2.79	cps
Cadmium	108-1	199565	206919	210622	205702	2.74	cps
Calcium	43-1	1459300	1508248	1553989	1507179	3.14	cps
Calcium	44-1	23092046	23543189	24322179	23652471	2.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4950562	4965895	4968074	4961510	0.19	cps
Cobalt	59-2	7625381	7467074	7452083	7514846	1.28	cps
Copper	63-2	16083154	16242827	16060781	16128920	0.62	cps
Dysprosium	156-1	120793	126441	130125	125787	3.74	cps
Dysprosium	156-2	103045	103941	103680	103556	0.45	cps
Erbium	164-1	135655	140914	143364	139978	2.81	cps
Erbium	164-2	87897	89367	89004	88756	0.86	cps
Gadolinium	160-1	143656	149315	156071	149681	4.15	cps
Gadolinium	160-2	102975	103861	104258	103698	0.63	cps
Holmium	165-1	13811753	14268159	14593089	14224334	2.76	cps
Holmium	165-2	9073130	8921789	8976004	8990308	0.85	cps
Indium	115-1	11097980	11663206	11760690	11507292	3.11	cps
Indium	115-2	3702450	3705391	3685494	3697778	0.29	cps
Iron	56-2	588719	590561	585456	588245	0.44	cps
Iron	57-2	77884	77236	76544	77221	0.87	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01A	Instrumnet Name :	P7
Client Sample ID :	MW-1RA	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:41:00	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	196545	195895	196061	196167	0.17	cps
Krypton	83-1	953	920	827	900	7.30	cps
Lead	206-1	18940563	19441224	19914497	19432095	2.51	cps
Lead	207-1	16558451	17181710	17762632	17167598	3.51	cps
Lead	208-1	58698237	60589053	61505531	60264274	2.38	cps
Lithium	6-1	4051124	4093905	4225998	4123676	2.21	cps
Magnesium	24-2	20624936	20781078	20598515	20668176	0.48	cps
Manganese	55-2	10978749	10987834	10928093	10964892	0.29	cps
Molybdenum	94-1	7110919	7304836	7509363	7308372	2.73	cps
Molybdenum	95-1	29965	31493	33238	31565	5.19	cps
Molybdenum	96-1	1218092	1250527	1276557	1248392	2.35	cps
Molybdenum	97-1	18445	18846	19655	18982	3.25	cps
Molybdenum	98-1	48163	50111	50931	49735	2.86	cps
Neodymium	150-1	244598	252100	257728	251475	2.62	cps
Neodymium	150-2	132177	133876	135006	133686	1.07	cps
Nickel	60-2	1240594	1240479	1240955	1240676	0.02	cps
Phosphorus	31-2	1900	2125	1925	1984	6.22	cps
Potassium	39-2	1074480	1075301	1063795	1071192	0.60	cps
Rhodium	103-1	10673887	11268048	11471167	11137700	3.72	cps
Rhodium	103-2	5950106	6034480	5972353	5985646	0.73	cps
Scandium	45-1	8469683	8958057	9163530	8863757	4.02	cps
Scandium	45-2	695625	687950	684971	689515	0.80	cps
Selenium	82-1	183575	189899	192867	188780	2.51	cps
Selenium	77-2	18145	17804	17851	17933	1.03	cps
Selenium	78-2	57546	57870	57488	57635	0.36	cps
Silicon	28-1	15834938	16367254	16622777	16274990	2.47	cps
Silver	107-1	8896122	9431163	10031729	9453005	6.01	cps
Silver	109-1	10813730	6720459	10446473	9326888	24.28	cps
Sodium	23-2	160907131	158345820	157750292	159001081	1.05	cps
Strontium	86-1	3882181	3979654	4098967	3986934	2.72	cps
Strontium	88-1	33622193	34855786	35203221	34560400	2.40	cps
Sulfur	34-1	633128	629121	640535	634262	0.91	cps
Terbium	159-1	13903936	14596001	14985492	14495143	3.78	cps
Terbium	159-2	9056598	8892994	8881202	8943598	1.10	cps
Thallium	203-1	9451845	9508303	9871921	9610690	2.37	cps
Thallium	205-1	22762193	22762606	23462093	22995631	1.76	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	N4642-01A	Instrumnet Name :	P7
Client Sample ID :	MW-1RA	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 21:41:00	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	33556	35077	36179	34937	3.77	cps
Titanium	47-1	13782	13898	15041	14240	4.89	cps
Uranium	238-1	29659915	30472832	30898192	30343646	2.07	cps
Vanadium	51-2	4248303	4318780	4282809	4283297	0.82	cps
Yttrium	89-1	19860563	21073741	21089799	20674701	3.41	cps
Yttrium	89-2	4435807	4454407	4460227	4450147	0.29	cps
Zinc	66-2	2478271	2490382	2491569	2486741	0.30	cps
Zirconium	90-1	19684979	20341931	20630403	20219104	2.40	cps
Zirconium	91-1	4408259	4502908	4574005	4495058	1.85	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 22:00:13	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14778681	14762105	14902962	14814582	0.52	cps
Antimony	121-1	4435396	4553100	4640020	4542839	2.26	cps
Arsenic	75-2	247299	248260	248411	247990	0.24	cps
Barium	135-1	5846479	5966024	5939258	5917254	1.06	cps
Barium	137-1	9823773	10161649	10310898	10098773	2.47	cps
Beryllium	9-1	1277514	1290790	1287976	1285427	0.54	cps
Bismuth	209-1	7785166	8022922	7936302	7914797	1.52	cps
Bismuth	209-2	6188469	6214796	6277607	6226957	0.74	cps
Boron	10-1	255179	269460	273785	266142	3.66	cps
Boron	11-1	1260366	1329033	1341877	1310425	3.34	cps
Bromine	81-1	16902	17144	17611	17219	2.09	cps
Bromine	81-2	70	90	120	93	26.97	cps
Cadmium	111-1	1210296	1232204	1245743	1229414	1.45	cps
Cadmium	106-1	140694	145238	145020	143651	1.78	cps
Cadmium	108-1	96187	98415	100637	98413	2.26	cps
Calcium	43-1	8540793	8612153	8652821	8601922	0.66	cps
Calcium	44-1	133771203	137490586	138868686	136710159	1.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2254174	2297615	2298523	2283437	1.11	cps
Cobalt	59-2	3357945	3420725	3390101	3389590	0.93	cps
Copper	63-2	23792402	24129016	24062945	23994788	0.74	cps
Dysprosium	156-1	717	692	792	733	7.10	cps
Dysprosium	156-2	1247	1083	1107	1146	7.71	cps
Erbium	164-1	117	125	100	114	11.18	cps
Erbium	164-2	77	133	63	91	40.80	cps
Gadolinium	160-1	533	558	533	542	2.66	cps
Gadolinium	160-2	1383	1603	1660	1549	9.44	cps
Holmium	165-1	13498339	13682811	13881257	13687469	1.40	cps
Holmium	165-2	8864257	8840809	8879183	8861416	0.22	cps
Indium	115-1	10730533	11166481	11066370	10987794	2.08	cps
Indium	115-2	3563437	3520399	3557336	3547057	0.66	cps
Iron	56-2	514384623	513550434	508338445	512091167	0.64	cps
Iron	57-2	12792707	13078013	13108154	12992958	1.34	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 22:00:13	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	28273291	28655626	28500907	28476608	0.68	cps
Krypton	83-1	500	593	613	569	10.63	cps
Lead	206-1	17776075	18247027	18471784	18164962	1.95	cps
Lead	207-1	15663705	16029363	16297416	15996828	1.99	cps
Lead	208-1	54892155	56532593	56575740	56000163	1.71	cps
Lithium	6-1	3920842	4019818	3974583	3971748	1.25	cps
Magnesium	24-2	129062595	130041295	128303147	129135679	0.67	cps
Manganese	55-2	16764098	16923821	16515862	16734594	1.23	cps
Molybdenum	94-1	18797997	19178178	19482783	19152986	1.79	cps
Molybdenum	95-1	26801834	27477202	27672757	27317264	1.67	cps
Molybdenum	96-1	29215258	30009670	30268559	29831162	1.84	cps
Molybdenum	97-1	16471859	16832609	17026585	16777018	1.68	cps
Molybdenum	98-1	42389569	43576462	43495149	43153727	1.54	cps
Neodymium	150-1	573	673	600	616	8.41	cps
Neodymium	150-2	117	100	147	121	19.53	cps
Nickel	60-2	862071	859573	851912	857852	0.62	cps
Phosphorus	31-2	157310	157588	161058	158652	1.32	cps
Potassium	39-2	67856539	67191341	67766554	67604811	0.53	cps
Rhodium	103-1	10426765	10641499	10789035	10619100	1.72	cps
Rhodium	103-2	5658385	5593434	5560730	5604183	0.89	cps
Scandium	45-1	8874828	8977677	9053156	8968553	1.00	cps
Scandium	45-2	684174	681387	681307	682289	0.24	cps
Selenium	82-1	85552	87215	87650	86806	1.28	cps
Selenium	77-2	8279	8296	7805	8127	3.43	cps
Selenium	78-2	27006	26911	27416	27111	0.99	cps
Silicon	28-1	31869044	33172617	34081660	33041107	3.37	cps
Silver	107-1	6017068	6130044	6226398	6124503	1.71	cps
Silver	109-1	5752183	5882094	5985798	5873358	1.99	cps
Sodium	23-2	212917171	211119171	211669999	211902114	0.43	cps
Strontium	86-1	43155607	44421945	44956476	44178009	2.09	cps
Strontium	88-1	377288592	387569842	392897942	385918792	2.06	cps
Sulfur	34-1	1013612	1009308	1004224	1009048	0.47	cps
Terbium	159-1	13553651	13953733	14139456	13882280	2.16	cps
Terbium	159-2	8739661	8667914	8744712	8717429	0.49	cps
Thallium	203-1	4259346	4348636	4360387	4322790	1.28	cps
Thallium	205-1	10203614	10331793	10541491	10358966	1.65	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 22:00:13	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3882908	3996868	4023124	3967633	1.88	cps
Titanium	47-1	8219002	8544798	8535547	8433116	2.20	cps
Uranium	238-1	13493400	13782514	14054276	13776730	2.04	cps
Vanadium	51-2	1971295	2036525	2036203	2014674	1.86	cps
Yttrium	89-1	18008623	18389324	18281649	18226532	1.08	cps
Yttrium	89-2	3964304	3953398	3884799	3934167	1.10	cps
Zinc	66-2	3738997	3692340	3698705	3710014	0.68	cps
Zirconium	90-1	9466365	9653588	9723530	9614494	1.38	cps
Zirconium	91-1	2117894	2186718	2195638	2166750	1.96	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired :	2022-10-02 22:14:50	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2072	2011	2145	2076	3.22	cps
Antimony	121-1	408	750	775	644	31.79	cps
Arsenic	75-2	7	19	17	14	41.92	cps
Barium	135-1	133	133	133	133	0.00	cps
Barium	137-1	217	183	250	217	15.38	cps
Beryllium	9-1	317	287	393	332	16.56	cps
Bismuth	209-1	8882208	8722580	8825204	8809997	0.92	cps
Bismuth	209-2	6858158	6893933	6824879	6858990	0.50	cps
Boron	10-1	783	675	708	722	7.68	cps
Boron	11-1	3367	3325	3492	3395	2.56	cps
Bromine	81-1	17260	17369	17703	17444	1.32	cps
Bromine	81-2	70	60	70	67	8.66	cps
Cadmium	111-1	4835	4800	5176	4937	4.21	cps
Cadmium	106-1	6868	6793	7327	6996	4.13	cps
Cadmium	108-1	21	38	33	31	28.39	cps
Calcium	43-1	500	517	450	489	7.10	cps
Calcium	44-1	17302	19572	19063	18646	6.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1740	1737	1740	1739	0.11	cps
Cobalt	59-2	213	257	310	260	18.62	cps
Copper	63-2	3597	3357	3394	3449	3.75	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	75	92	75	81	11.95	cps
Erbium	164-2	70	67	23	53	48.82	cps
Gadolinium	160-1	67	125	175	122	44.36	cps
Gadolinium	160-2	1233	1227	1187	1216	2.08	cps
Holmium	165-1	14317724	14185426	14149950	14217700	0.62	cps
Holmium	165-2	8888143	8878992	8886065	8884400	0.05	cps
Indium	115-1	12208468	12045803	12052478	12102250	0.76	cps
Indium	115-2	3815102	3846891	3777613	3813202	0.91	cps
Iron	56-2	20581	20447	20503	20510	0.33	cps
Iron	57-2	3034	2773	2656	2821	6.86	cps

LB Number :	LB122299	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2513	2473	2363	2449	3.18	cps
Krypton	83-1	477	507	463	482	4.60	cps
Lead	206-1	1133	1228	1445	1269	12.57	cps
Lead	207-1	956	1172	1178	1102	11.50	cps
Lead	208-1	3484	3934	4289	3902	10.35	cps
Lithium	6-1	4296057	4235287	4267022	4266122	0.71	cps
Magnesium	24-2	2706	2745	2600	2684	2.79	cps
Manganese	55-2	1410	1583	1483	1492	5.83	cps
Molybdenum	94-1	725	758	733	739	2.35	cps
Molybdenum	95-1	458	683	525	556	20.80	cps
Molybdenum	96-1	683	600	650	644	6.51	cps
Molybdenum	97-1	258	333	325	306	13.45	cps
Molybdenum	98-1	808	908	850	856	5.87	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	370	363	377	370	1.80	cps
Phosphorus	31-2	1908	2084	1900	1964	5.27	cps
Potassium	39-2	104851	105741	105044	105212	0.44	cps
Rhodium	103-1	12078785	12014061	11992270	12028372	0.37	cps
Rhodium	103-2	6208789	6235037	6207158	6216995	0.25	cps
Scandium	45-1	9451532	9013903	9239767	9235067	2.37	cps
Scandium	45-2	679965	686093	681926	682661	0.46	cps
Selenium	82-1	62	62	118	81	40.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	239	239	180	219	15.61	cps
Silicon	28-1	779555	775778	781080	778804	0.35	cps
Silver	107-1	2225	1750	1483	1820	20.65	cps
Silver	109-1	2334	1658	1433	1809	25.90	cps
Sodium	23-2	54480	55249	53459	54396	1.65	cps
Strontium	86-1	1242	1292	1467	1333	8.86	cps
Strontium	88-1	5901	7177	6602	6560	9.74	cps
Sulfur	34-1	479636	470324	474546	474835	0.98	cps
Terbium	159-1	14419027	14433354	14376647	14409676	0.20	cps
Terbium	159-2	8707890	8804930	8820871	8777897	0.70	cps
Thallium	203-1	575	467	558	533	10.94	cps
Thallium	205-1	1133	992	1242	1122	11.17	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	7702	9554	8011	8423	11.78	cps
Titanium	47-1	300	275	358	311	13.75	cps
Uranium	238-1	400	500	592	497	19.28	cps
Vanadium	51-2	100	83	110	98	13.78	cps
Yttrium	89-1	19233376	19079975	19050728	19121360	0.51	cps
Yttrium	89-2	3983214	4092421	4015769	4030468	1.39	cps
Zinc	66-2	2684	2667	2587	2646	1.95	cps
Zirconium	90-1	1175	1267	1208	1217	3.81	cps
Zirconium	91-1	233	367	267	289	24.02	cps