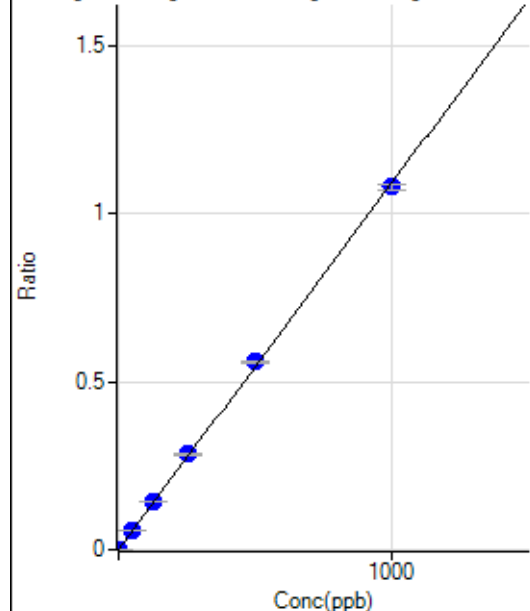


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7040425MS.b\
Analysis File: P7040425MS.batch.bin
DA Date-Time: 2025-04-04 16:38:09
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2025-04-04 14:09:04
2	007CALS.d	S02	2025-04-04 14:15:42
3	008CALS.d	S03	2025-04-04 14:19:02
4	009CALS.d	S04	2025-04-04 14:22:15
5	010CALS.d	S05	2025-04-04 14:25:20
6	011CALS.d	S06	2025-04-04 14:28:16
7	012CALS.d	S07	2025-04-04 14:31:06
8	013CALS.d	S08	2025-04-04 14:33:50

Calibration for 011CAL.S.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29.59	0.0000	P	26.9
2	☐	1.000	1.085	785.80	0.0012	P	5.1
3	☐	50.000	53.223	37361.65	0.0581	P	1.3
4	☐	125.000	132.075	94855.18	0.1442	P	0.5
5	☐	250.000	259.919	193496.05	0.2837	P	1.0
6	☐	500.000	512.361	383856.82	0.5593	P	0.6
7	☐	1000.000	990.294	741251.20	1.0809	P	1.8
8	☐			112.38	0.0002	P	18.3

$$y = 0.0011 * x + 4.7272E-005$$

R = 0.9998

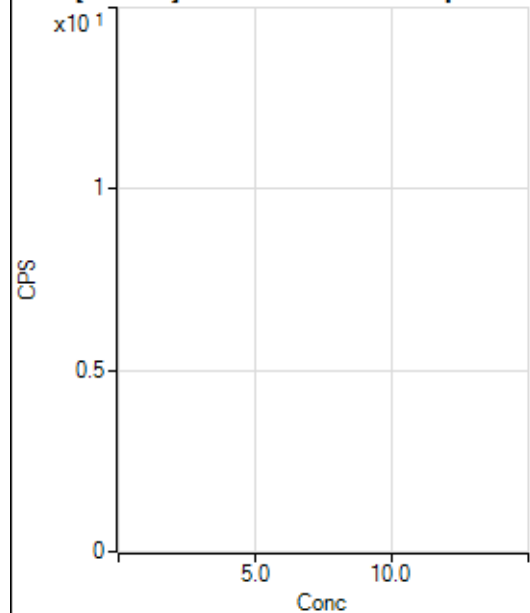
DL = 0.03497

BEC = 0.04331

Weight: <None>

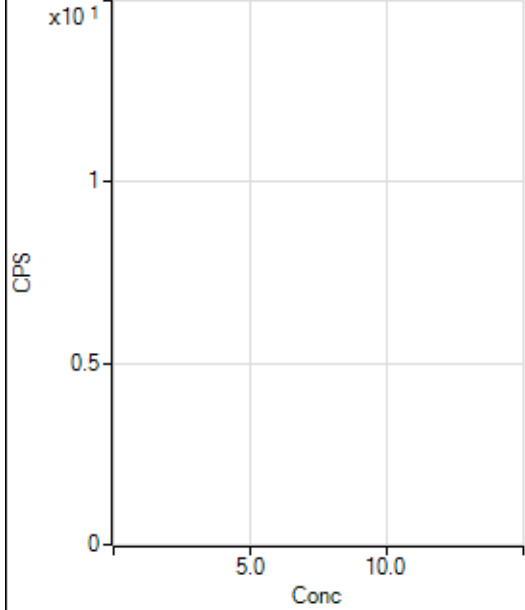
Min Conc: 0

12 C [No Gas] No available calibration points



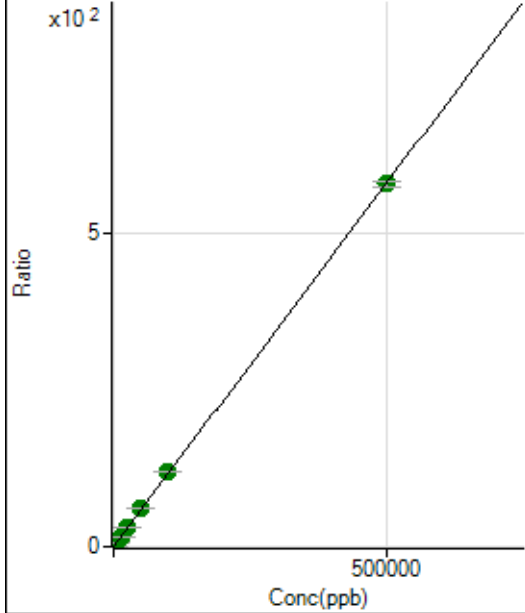
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	13975.32	0.0531	P	0.5
2	☐	500.000	555.429	184022.23	0.6968	P	1.1
3	☐	5000.000	5353.265	1624227.08	6.2575	A	0.8
4	☐	12500.000	13060.054	3938192.96	15.1895	A	0.5
5	☐	25000.000	26294.381	7669206.69	30.5280	A	0.1
6	☐	50000.000	51947.376	15257810.88	60.2595	A	0.7
7	☐	100000.00	103006.47	31155811.20	119.4364	A	1.3
8	☐	500000.00	499121.65	163960488.6	578.5296	A	1.3

$$y = 0.0012 * x + 0.0531$$

$$R = 1.0000$$

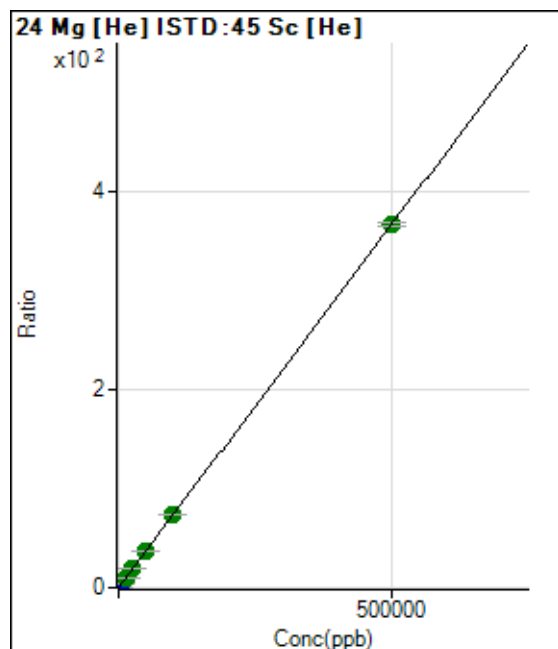
$$DL = 0.7143$$

$$BEC = 45.79$$

Weight: <None>

Min Conc: 0

Calibration for 011CALS.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	151.11	0.0006	P	6.7
2	☐	500.000	551.294	106945.38	0.4050	P	1.0
3	☐	5000.000	5169.360	984363.68	3.7923	P	0.8
4	☐	12500.000	12933.457	2459756.27	9.4873	A	1.1
5	☐	25000.000	25850.546	4763577.71	18.9621	A	0.4
6	☐	50000.000	50929.794	9459041.04	37.3578	A	0.7
7	☐	100000.00	100797.85	19287065.68	73.9363	A	1.0
8	☐	500000.00	499692.34	103877362.9	366.5274	A	1.0

$$y = 7.3351\text{E-}004 * x + 5.7390\text{E-}004$$

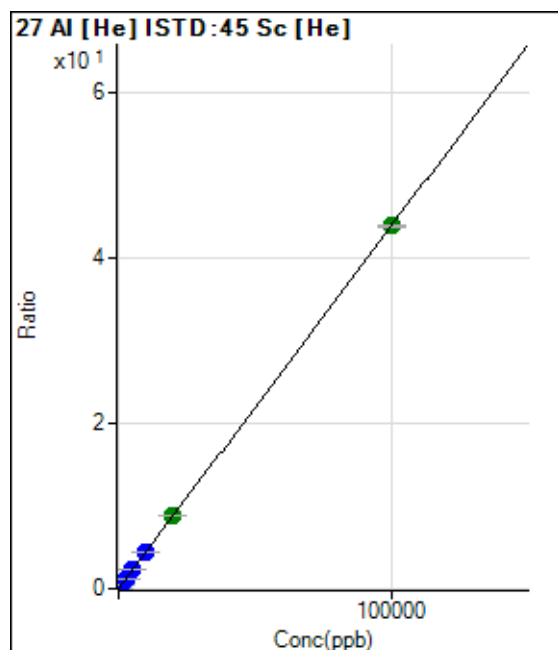
$$R = 1.0000$$

$$DL = 0.1571$$

$$BEC = 0.7824$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	373.34	0.0014	P	6.1
2	☐	20.000	21.630	2878.08	0.0109	P	3.8
3	☐	1000.000	1034.422	118055.15	0.4548	P	1.1
4	☐	2500.000	2540.085	289029.80	1.1148	P	0.9
5	☐	5000.000	5103.771	562343.44	2.2385	P	0.8
6	☐	10000.000	9992.678	1109364.36	4.3814	P	1.1
7	☐	20000.000	20140.550	2303271.29	8.8294	A	0.8
8	☐	100000.00	99966.087	12418662.18	43.8186	A	0.7

$$y = 4.3832\text{E-}004 * x + 0.0014$$

$$R = 1.0000$$

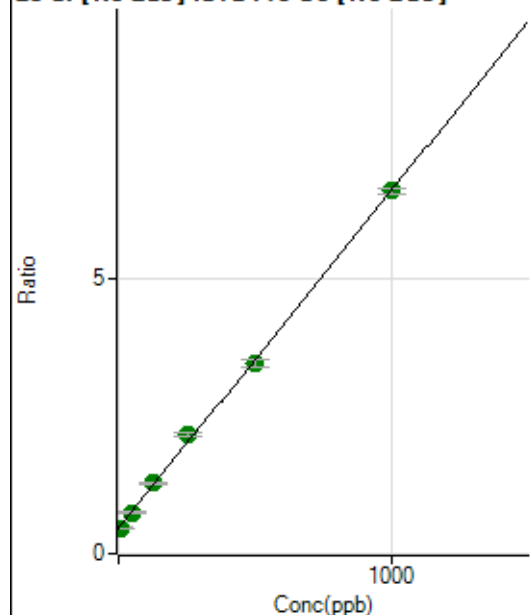
$$DL = 0.5886$$

$$BEC = 3.235$$

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	1281360.58	0.4643	A	4.4
2	☐	10.000	0.201	1280496.01	0.4655	A	0.2
3	☐	50.000	46.401	2050301.60	0.7500	A	1.5
4	☐	125.000	132.862	3575966.82	1.2824	A	0.9
5	☐	250.000	278.115	5918683.45	2.1767	A	3.0
6	☐	500.000	489.070	9588080.90	3.4757	A	3.8
7	☐	1000.000	997.732	18555410.70	6.6077	A	1.6
8	☐			989562.37	0.3169	M	23.4

$$y = 0.0062 * x + 0.4643$$

$$R = 0.9993$$

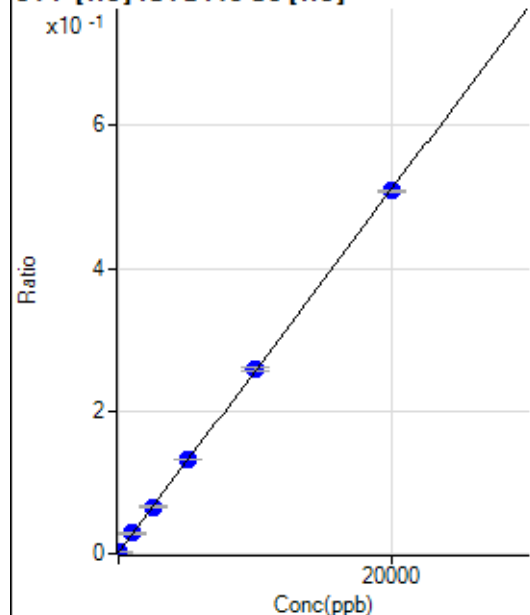
$$DL = 9.88$$

$$BEC = 75.41$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-22.478	310.01	0.0012	P	6.5
2	☐	0.000	22.478	613.35	0.0023	P	7.1
3	☐	1000.000	1049.125	7386.29	0.0285	P	2.1
4	☐	2500.000	2522.112	17096.31	0.0659	P	1.0
5	☐	5000.000	5107.725	33095.83	0.1317	P	1.5
6	☐	10000.000	10105.288	65560.80	0.2589	P	1.9
7	☐	20000.000	19915.204	132676.10	0.5086	P	0.7
8	☐			370.01	0.0013	P	3.0

$$y = 2.5451E-005 * x + 0.0017$$

$$R = 1.0000$$

$$DL = 14.14$$

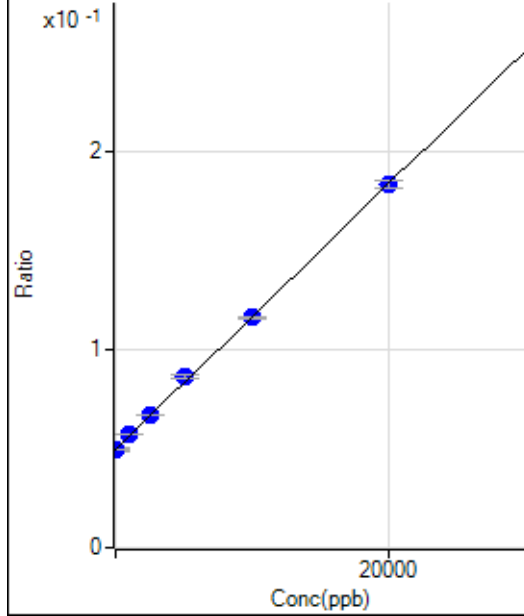
$$BEC = 68.75$$

Weight: <None>

Min Conc: 0

Calibration for 011CAL.S.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-43.787	136183.50	0.0493	P	3.5
2	☐	0.000	43.787	137326.84	0.0499	P	0.5
3	☐	1000.000	1138.575	156589.24	0.0573	P	1.1
4	☐	2500.000	2570.465	186557.72	0.0669	P	0.4
5	☐	5000.000	5459.629	234661.83	0.0863	P	2.5
6	☐	10000.000	9920.269	320822.24	0.1163	P	1.4
7	☐	20000.000	19909.221	514883.16	0.1834	P	2.3
8	☐			112867.53	0.0360	P	12.9

$$y = 6.7170E-006 * x + 0.0496$$

$$R = 0.9997$$

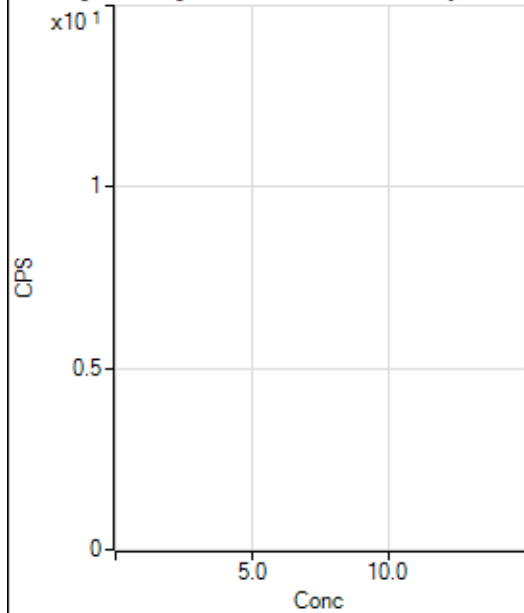
$$DL = 437.1$$

$$BEC = 7389$$

Weight: <None>

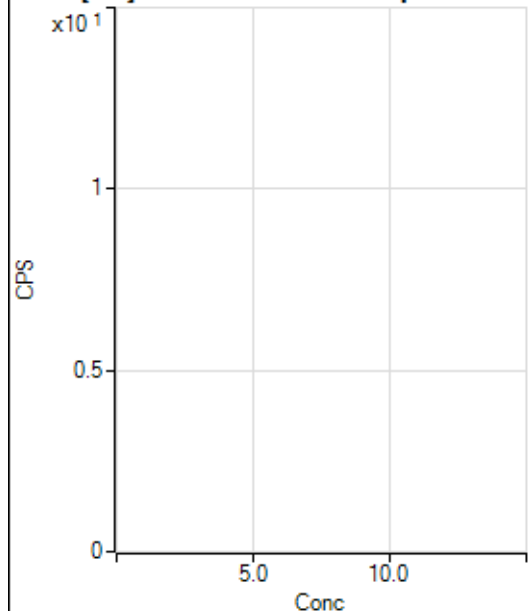
Min Conc: 0

35 Cl [No Gas] No available calibration points



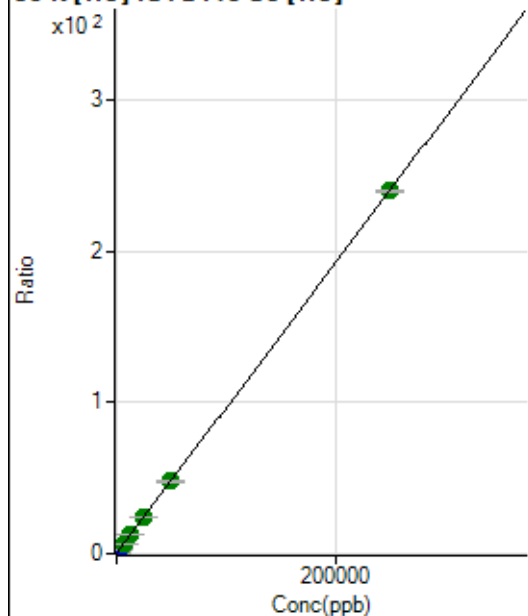
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	49826.96	0.1892	P	0.7
2	☐	500.000	568.906	194006.25	0.7346	P	0.2
3	☐	2500.000	2682.115	716507.04	2.7603	P	0.3
4	☐	6250.000	6320.818	1620018.29	6.2484	A	1.2
5	☐	12500.000	12612.894	3084892.24	12.2799	A	1.0
6	☐	25000.000	25143.845	6150722.27	24.2920	A	0.9
7	☐	50000.000	49722.699	12482407.59	47.8533	A	1.8
8	☐	250000.00	250031.70	67981408.98	239.8689	A	0.7

$$y = 9.5860E-004 * x + 0.1892$$

$$R = 1.0000$$

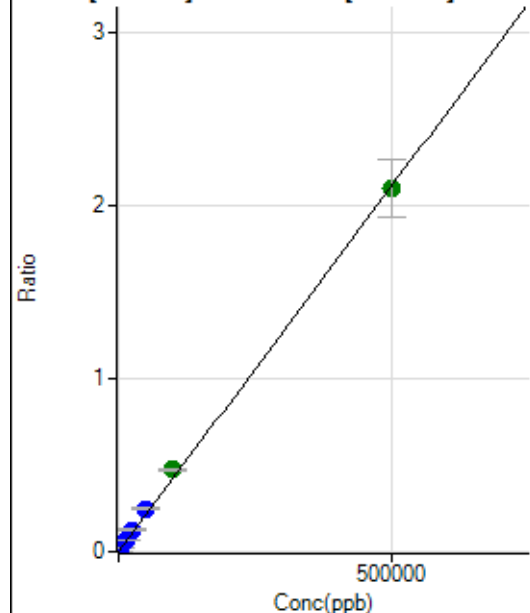
$$DL = 4.239$$

$$BEC = 197.4$$

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	411.12	0.0001	P	3.2
2	☐	500.000	638.164	7833.19	0.0028	P	1.2
3	☐	5000.000	6028.661	70107.94	0.0256	P	1.7
4	☐	12500.000	14735.769	174214.94	0.0625	P	0.2
5	☐	25000.000	30200.068	347717.50	0.1279	P	2.1
6	☐	50000.000	58825.161	686779.50	0.2489	P	3.0
7	☐	100000.00	111834.07	1328684.26	0.4731	A	1.4
8	☐	500000.00	496424.34	6567233.79	2.0997	A	15.7

$$y = 4.2294E-006 * x + 1.4878E-004$$

$$R = 0.9996$$

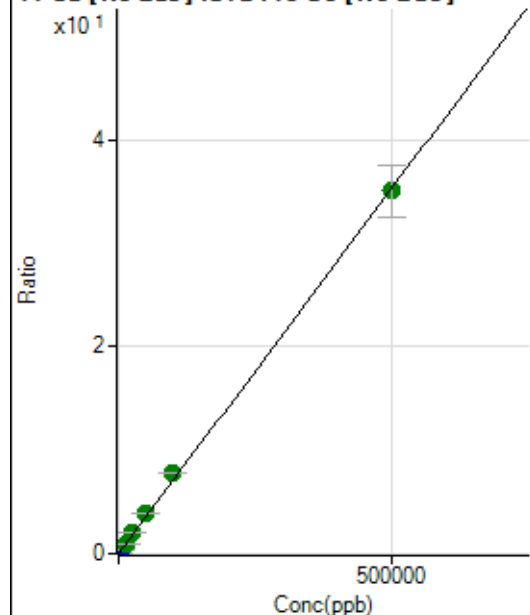
$$DL = 3.369$$

$$BEC = 35.18$$

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	8399.36	0.0030	P	4.5
2	☐	500.000	634.163	131278.14	0.0477	P	1.3
3	☐	5000.000	5857.774	1136680.00	0.4158	P	0.8
4	☐	12500.000	13860.482	2731916.42	0.9797	A	0.7
5	☐	25000.000	28326.264	5434619.50	1.9990	A	3.4
6	☐	50000.000	55239.490	10747658.10	3.8953	A	2.1
7	☐	100000.00	110983.84	21969185.65	7.8232	A	1.6
8	☐	500000.00	497070.24	109631225.0	35.0276	A	14.4

$$y = 7.0462E-005 * x + 0.0030$$

$$R = 0.9997$$

$$DL = 5.821$$

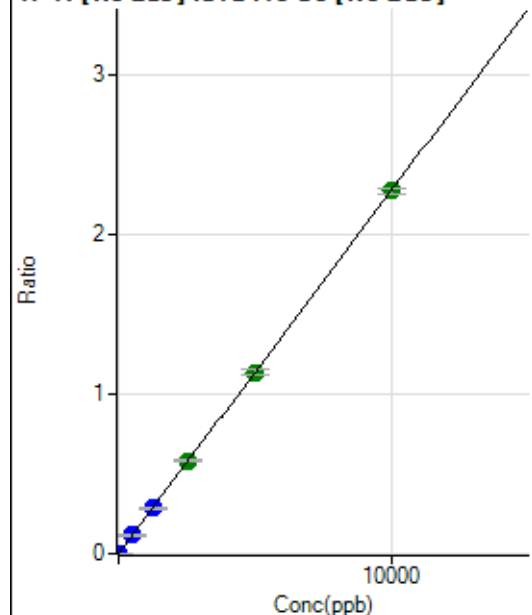
$$BEC = 43.19$$

Weight: <None>

Min Conc: 0

Calibration for 011CAL5.d

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	54.45	0.0000	P	22.2
2	☐	5.000	5.384	3429.31	0.0012	P	2.8
3	☐	500.000	504.786	314528.19	0.1151	P	1.1
4	☐	1250.000	1244.046	790667.95	0.2835	P	0.5
5	☐	2500.000	2559.743	1585997.69	0.5834	A	3.5
6	☐	5000.000	5000.291	3143671.34	1.1395	A	3.0
7	☐	10000.000	9985.424	6390259.07	2.2756	A	1.6
8	☐			472.24	0.0002	P	34.3

$$y = 2.2789E-004 * x + 1.9787E-005$$

$$R = 1.0000$$

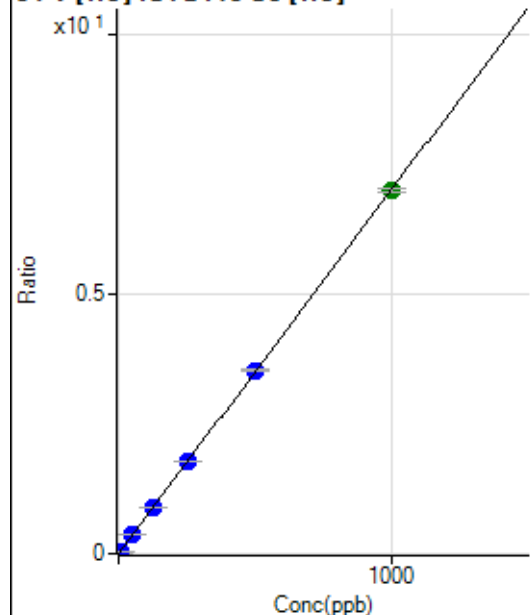
$$DL = 0.05789$$

$$BEC = 0.08683$$

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	7.78	0.0000	P	108.
2	☐	5.000	5.293	9825.50	0.0372	P	1.5
3	☐	50.000	50.510	92084.42	0.3548	P	0.8
4	☐	125.000	125.839	229139.35	0.8838	P	0.1
5	☐	250.000	254.054	448219.85	1.7842	P	0.6
6	☐	500.000	504.423	896969.19	3.5425	P	0.5
7	☐	1000.000	996.643	1825850.10	6.9993	A	1.1
8	☐			598.91	0.0021	P	8.5

$$y = 0.0070 * x + 2.9666E-005$$

$$R = 1.0000$$

$$DL = 0.0137$$

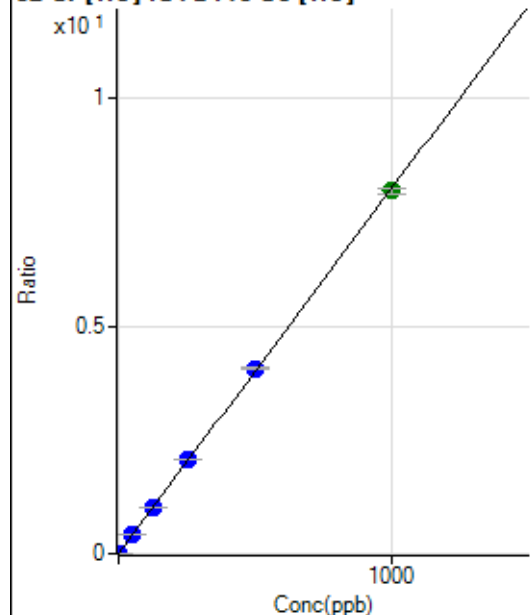
$$BEC = 0.004224$$

Weight: <None>

Min Conc: 0

Calibration for 011CAL5.d

52 Cr [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	861.14	0.0033	P	10.5
2	☐	2.000	2.211	5542.18	0.0210	P	1.2
3	☐	50.000	51.624	108232.74	0.4170	P	0.2
4	☐	125.000	127.391	265520.08	1.0241	P	0.5
5	☐	250.000	258.158	520527.24	2.0720	P	0.5
6	☐	500.000	507.342	1030238.41	4.0688	P	0.4
7	☐	1000.000	993.909	2078500.70	7.9679	A	1.3
8	☐			19858.72	0.0701	P	1.9

$$y = 0.0080 * x + 0.0033$$

$$R = 0.9999$$

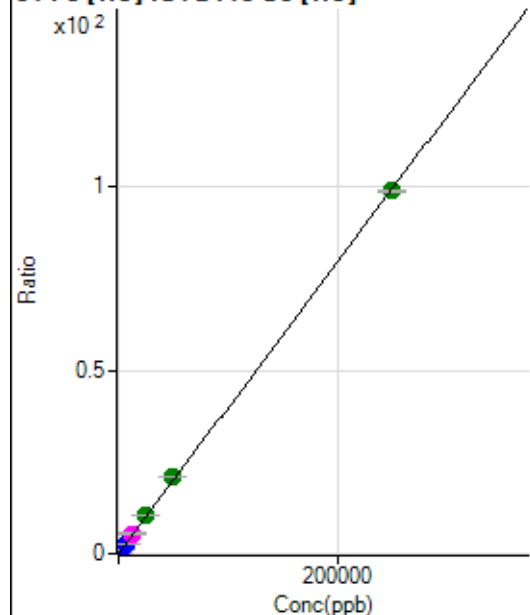
$$DL = 0.1287$$

$$BEC = 0.4083$$

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	2506.90	0.0095	P	5.7
2	☐	50.000	60.866	8892.70	0.0337	P	2.8
3	☐	2500.000	2783.841	289181.03	1.1141	P	1.0
4	☐	6250.000	6876.171	709821.62	2.7378	P	0.7
5	☐	12500.000	13746.945	1372697.41	5.4639	M	1.8
6	☐	25000.000	26627.924	2677528.54	10.5746	A	0.9
7	☐	50000.000	52613.001	5447886.83	20.8847	A	1.7
8	☐	250000.00	249233.76	28029551.53	98.8974	A	0.7

$$y = 3.9677E-004 * x + 0.0095$$

$$R = 0.9999$$

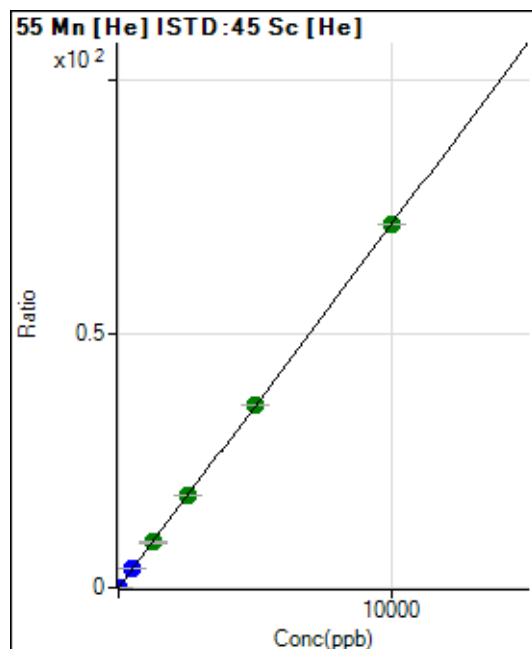
$$DL = 4.076$$

$$BEC = 24$$

Weight: <None>

Min Conc: 0

Calibration for 011CALS.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1774.57	0.0067	P	4.0
2	☐	1.000	0.990	3648.26	0.0138	P	2.5
3	☐	500.000	507.637	943402.38	3.6343	P	0.4
4	☐	1250.000	1243.051	2304772.90	8.8896	A	1.4
5	☐	2500.000	2534.054	4550815.76	18.1152	A	1.1
6	☐	5000.000	5022.304	9089043.54	35.8963	A	0.4
7	☐	10000.000	9980.821	18608105.00	71.3299	A	0.1
8	☐			13065.75	0.0461	P	1.6

$$y = 0.0071 * x + 0.0067$$

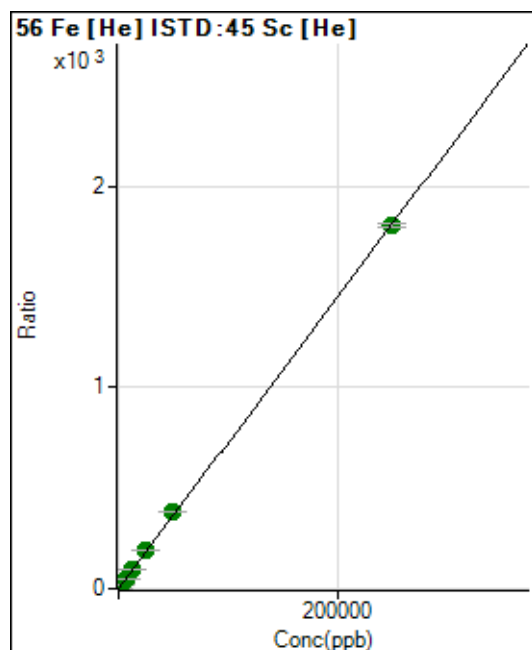
$$R = 1.0000$$

$$DL = 0.1132$$

$$BEC = 0.9432$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21637.88	0.0822	P	1.0
2	☐	50.000	59.518	135299.35	0.5123	P	1.7
3	☐	2500.000	2632.877	4960533.57	19.1104	A	1.0
4	☐	6250.000	6523.452	12244827.32	47.2281	A	0.9
5	☐	12500.000	13352.988	24263387.41	96.5862	A	0.9
6	☐	25000.000	26345.747	48231206.50	190.4868	A	0.7
7	☐	50000.000	52485.407	98971627.42	379.4020	A	0.9
8	☐	250000.00	249317.52	510686899.0	1,801.936	A	1.0

$$y = 0.0072 * x + 0.0822$$

$$R = 0.9999$$

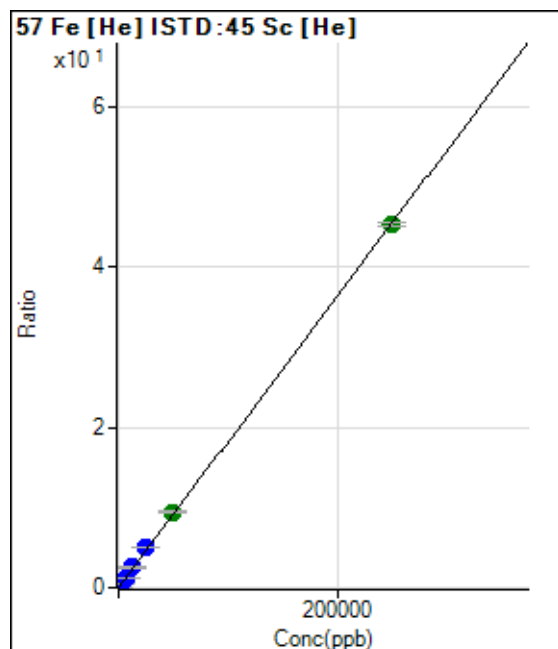
$$DL = 0.3256$$

$$BEC = 11.37$$

Weight: <None>

Min Conc: 0

Calibration for 011CALS.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1271.18	0.0048	P	1.4
2	☐	50.000	63.425	4315.11	0.0163	P	0.6
3	☐	2500.000	2759.045	131227.14	0.5056	P	0.5
4	☐	6250.000	6808.723	321624.88	1.2405	P	0.7
5	☐	12500.000	13871.578	633652.21	2.5223	P	0.5
6	☐	25000.000	27339.842	1257541.93	4.9666	P	0.6
7	☐	50000.000	52037.439	2464868.90	9.4488	A	0.6
8	☐	250000.00	249273.38	12822699.67	45.2440	A	1.2

$$y = 1.8148E-004 * x + 0.0048$$

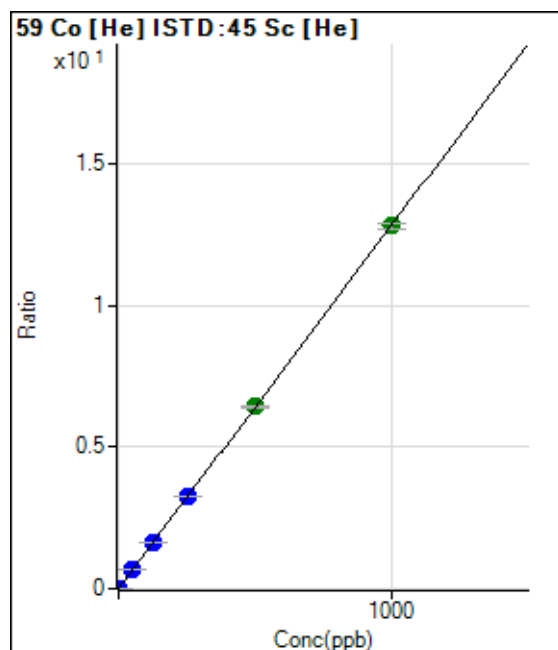
R = 0.9999

DL = 1.148

BEC = 26.6

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.11	0.0004	P	7.2
2	☐	1.000	1.164	4058.37	0.0154	P	3.8
3	☐	50.000	51.106	170440.56	0.6566	P	0.9
4	☐	125.000	126.473	421151.55	1.6244	P	0.3
5	☐	250.000	255.155	823156.78	3.2767	P	0.5
6	☐	500.000	500.137	1626146.14	6.4223	A	0.4
7	☐	1000.000	998.403	3344210.16	12.8202	A	1.3
8	☐			9557.56	0.0337	P	2.0

$$y = 0.0128 * x + 4.2192E-004$$

R = 1.0000

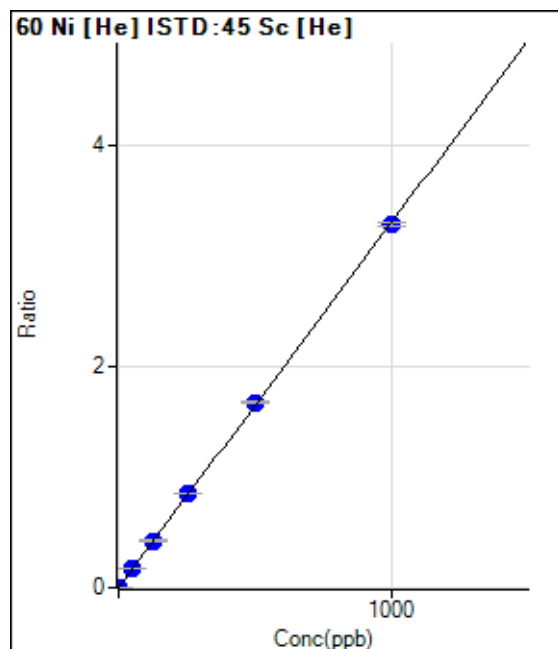
DL = 0.007139

BEC = 0.03286

Weight: <None>

Min Conc: 0

Calibration for 011CAL5.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	221.11	0.0008	P	14.0
2	☐	1.000	1.026	1116.72	0.0042	P	7.2
3	☐	50.000	52.453	45197.91	0.1741	P	1.7
4	☐	125.000	128.375	110184.41	0.4250	P	1.0
5	☐	250.000	258.327	214622.61	0.8543	P	0.5
6	☐	500.000	507.968	425162.99	1.6791	P	0.4
7	☐	1000.000	993.390	856398.35	3.2829	P	1.1
8	☐			3839.42	0.0135	P	3.0

$$y = 0.0033 * x + 8.3958E-004$$

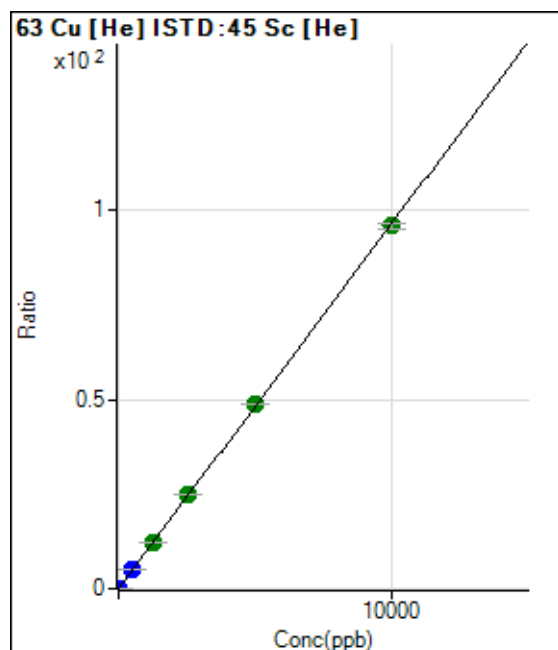
$$R = 0.9999$$

$$DL = 0.1069$$

$$BEC = 0.2541$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1491.20	0.0057	P	1.7
2	☐	2.000	2.129	6916.11	0.0262	P	2.6
3	☐	500.000	514.689	1289674.68	4.9685	P	0.6
4	☐	1250.000	1276.062	3191583.04	12.3099	A	1.4
5	☐	2500.000	2580.910	6252788.17	24.8918	A	1.9
6	☐	5000.000	5063.227	12363204.68	48.8272	A	0.3
7	☐	10000.000	9944.167	25013829.90	95.8910	A	1.3
8	☐			8920.51	0.0315	P	2.4

$$y = 0.0096 * x + 0.0057$$

$$R = 0.9999$$

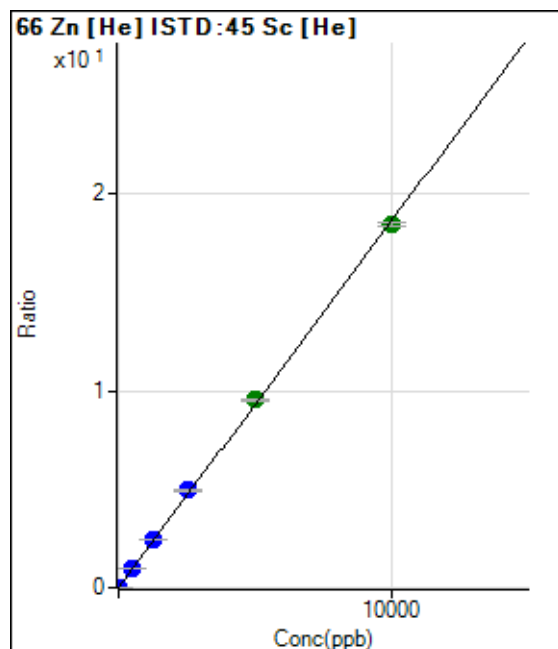
$$DL = 0.02992$$

$$BEC = 0.5873$$

Weight: <None>

Min Conc: 0

Calibration for 011CAL5.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	345.56	0.0013	P	5.1
2	☐	5.000	5.156	2883.63	0.0109	P	1.4
3	☐	500.000	543.494	263212.27	1.0140	P	0.5
4	☐	1250.000	1306.963	631742.29	2.4366	P	0.9
5	☐	2500.000	2651.060	1241303.24	4.9411	P	0.7
6	☐	5000.000	5122.913	2417385.94	9.5470	A	0.7
7	☐	10000.000	9891.483	4808305.80	18.4324	A	1.0
8	☐			9059.49	0.0320	P	2.5

$$y = 0.0019 * x + 0.0013$$

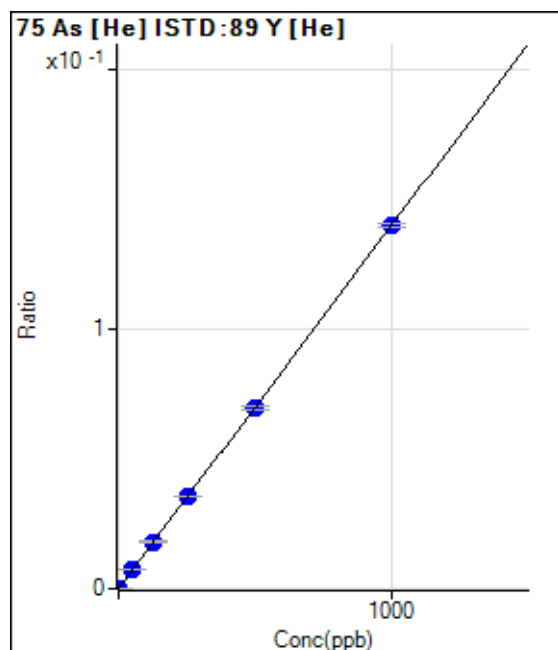
$$R = 0.9998$$

$$DL = 0.1083$$

$$BEC = 0.7045$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.89	0.0000	P	58.6
2	☐	1.000	1.195	357.79	0.0002	P	6.0
3	☐	50.000	51.270	14903.12	0.0072	P	0.4
4	☐	125.000	128.128	37403.69	0.0179	P	2.4
5	☐	250.000	255.025	73793.39	0.0357	P	0.4
6	☐	500.000	499.150	147348.94	0.0698	P	2.3
7	☐	1000.000	998.714	298258.80	0.1396	P	1.0
8	☐			164.45	0.0001	P	19.8

$$y = 1.3981E-004 * x + 4.3346E-006$$

$$R = 1.0000$$

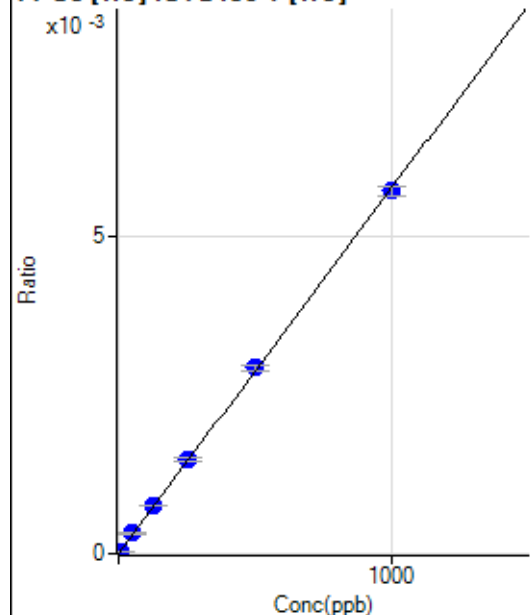
$$DL = 0.05449$$

$$BEC = 0.031$$

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	5.628	67.78	0.0000	P	3.8
3	☐	50.000	56.851	682.24	0.0003	P	9.4
4	☐	125.000	130.911	1577.88	0.0008	P	0.7
5	☐	250.000	258.014	3082.58	0.0015	P	3.0
6	☐	500.000	508.929	6204.68	0.0029	P	2.8
7	☐	1000.000	992.447	12238.47	0.0057	P	2.5
8	☐			7.78	0.0000	P	26.5

$$y = 5.7730E-006 * x + 0.0000E+000$$

$$R = 0.9999$$

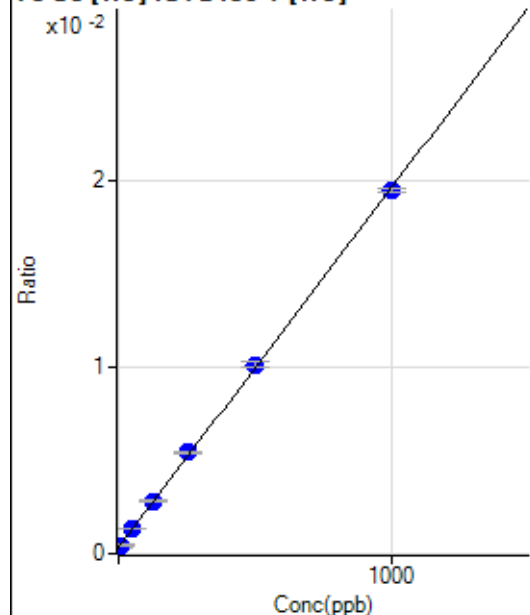
$$DL = 0$$

$$BEC = 0$$

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	685.58	0.0003	P	4.5
2	☐	5.000	6.589	957.82	0.0005	P	6.7
3	☐	50.000	53.671	2839.19	0.0014	P	2.6
4	☐	125.000	128.337	5857.89	0.0028	P	2.6
5	☐	250.000	265.999	11301.08	0.0055	P	1.9
6	☐	500.000	508.501	21407.84	0.0101	P	2.4
7	☐	1000.000	991.141	41533.73	0.0194	P	1.1
8	☐			658.91	0.0003	P	5.3

$$y = 1.9284E-005 * x + 3.3158E-004$$

$$R = 0.9998$$

$$DL = 2.307$$

$$BEC = 17.19$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

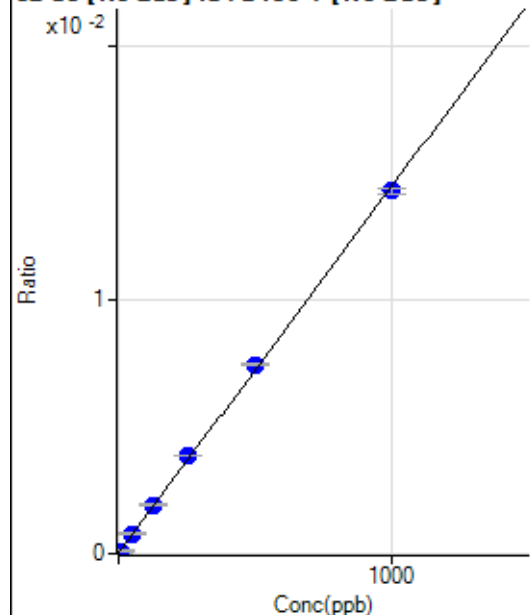
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25258.41		P	0.9
2	☐			24934.57		P	1.0
3	☐			24480.40		P	0.5
4	☐			24194.48		P	0.3
5	☐			24374.73		P	0.8
6	☐			24550.53		P	1.1
7	☐			25796.06		P	1.5
8	☐			27192.93		P	3.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			312.23		P	16.6
2	☐			235.56		P	4.5
3	☐			184.45		P	14.5
4	☐			193.33		P	7.9
5	☐			205.56		P	11.0
6	☐			181.11		P	6.5
7	☐			165.56		P	20.2
8	☐			228.90		P	12.6

Calibration for 011CAL.S.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	181.94	0.0000	P	17.5
2	☐	5.000	6.002	791.28	0.0001	P	4.4
3	☐	50.000	53.223	5483.80	0.0008	P	1.7
4	☐	125.000	131.746	13615.67	0.0019	P	1.8
5	☐	250.000	266.412	26952.85	0.0039	P	0.5
6	☐	500.000	513.228	52098.29	0.0074	P	1.3
7	☐	1000.000	988.273	102693.68	0.0143	P	1.6
8	☐			370.51	0.0000	P	15.2

$$y = 1.4426E-005 * x + 2.5751E-005$$

$$R = 0.9997$$

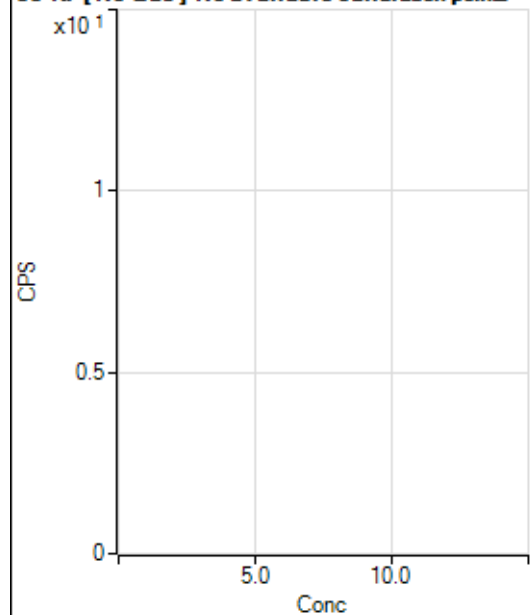
$$DL = 0.9381$$

$$BEC = 1.785$$

Weight: <None>

Min Conc: 0

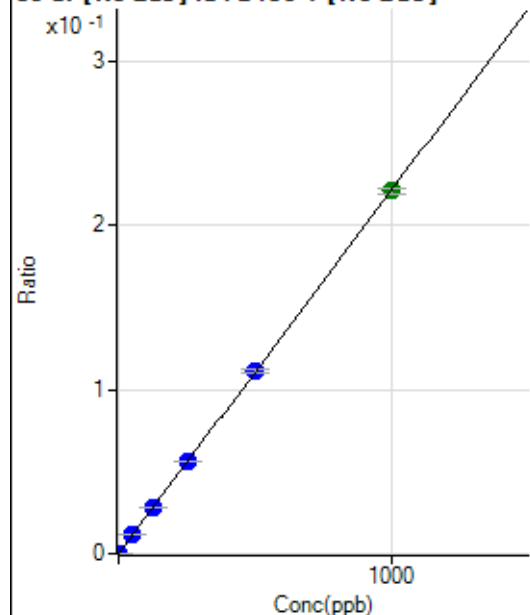
83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			330.00		P	10.6
2	☐			343.34		P	4.2
3	☐			362.23		P	7.8
4	☐			414.46		P	8.1
5	☐			327.79		P	11.3
6	☐			327.78		P	7.6
7	☐			343.34		P	19.3
8	☐			378.90		P	16.3

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	568.90	0.0001	P	7.0
2	☐	1.000	1.087	2260.20	0.0003	P	2.1
3	☐	50.000	50.736	78113.55	0.0113	P	0.7
4	☐	125.000	124.792	195697.45	0.0277	P	1.0
5	☐	250.000	253.606	391367.07	0.0562	P	0.2
6	☐	500.000	501.693	778710.03	0.1111	P	1.5
7	☐	1000.000	998.241	1588327.96	0.2209	A	1.5
8	☐			5940.15	0.0007	P	12.7

$$y = 2.2120E-004 * x + 8.0445E-005$$

$$R = 1.0000$$

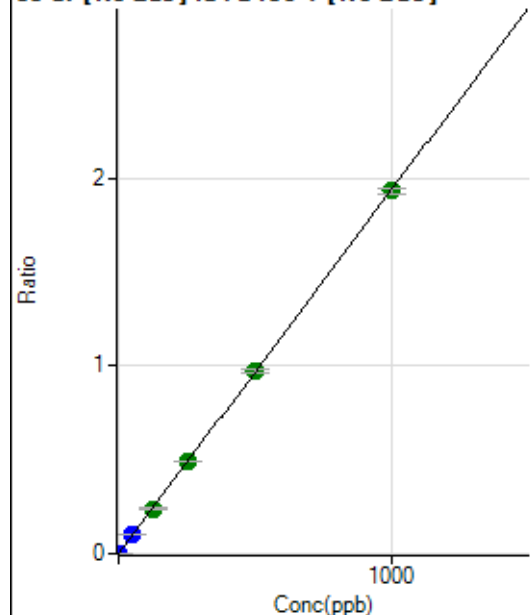
$$DL = 0.07616$$

$$BEC = 0.3637$$

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	94.44	0.0000	P	15.2
2	☐	1.000	1.109	15222.40	0.0022	P	1.4
3	☐	50.000	51.169	685295.21	0.0992	P	0.3
4	☐	125.000	124.009	1698716.64	0.2403	A	0.9
5	☐	250.000	255.665	3451322.00	0.4954	A	0.3
6	☐	500.000	502.810	6831551.43	0.9743	A	1.9
7	☐	1000.000	997.244	13894760.35	1.9324	A	1.4
8	☐			48038.80	0.0060	P	14.7

$$y = 0.0019 * x + 1.3345E-005$$

$$R = 1.0000$$

$$DL = 0.003147$$

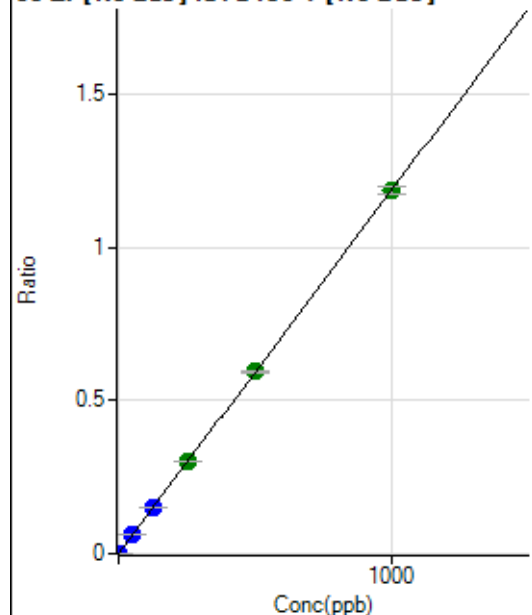
$$BEC = 0.006887$$

Weight: <None>

Min Conc: 0

Calibration for 011CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	267.78	0.0000	P	9.2
2	☐	1.000	1.047	9001.73	0.0013	P	3.7
3	☐	50.000	50.655	415464.28	0.0601	P	0.4
4	☐	125.000	125.369	1051373.91	0.1487	P	1.1
5	☐	250.000	254.756	2105290.28	0.3022	A	0.8
6	☐	500.000	500.474	4162790.73	0.5936	A	1.4
7	☐	1000.000	998.495	8515830.01	1.1843	A	2.0
8	☐			4350.69	0.0005	P	14.4

$$y = 0.0012 * x + 3.7889E-005$$

$$R = 1.0000$$

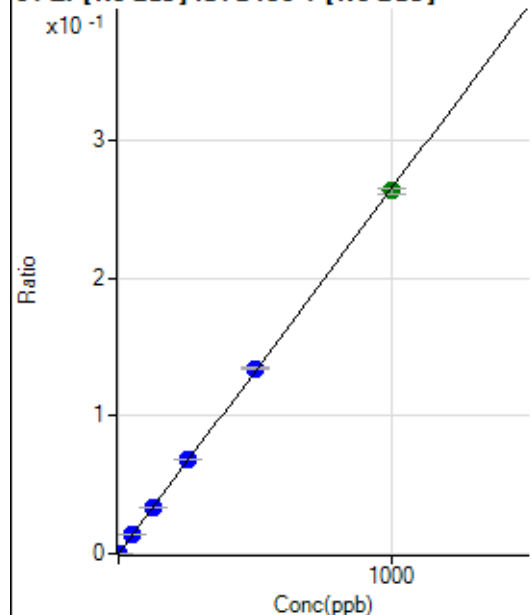
$$DL = 0.008847$$

$$BEC = 0.03194$$

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	63.33	0.0000	P	63.3
2	☐	1.000	1.013	1949.04	0.0003	P	2.8
3	☐	50.000	50.868	93047.24	0.0135	P	0.4
4	☐	125.000	125.339	234412.54	0.0332	P	1.2
5	☐	250.000	256.439	472599.71	0.0678	P	0.3
6	☐	500.000	508.334	942905.20	0.1345	P	1.4
7	☐	1000.000	994.138	1890821.60	0.2630	A	1.5
8	☐			945.59	0.0001	P	17.8

$$y = 2.6451E-004 * x + 9.0082E-006$$

$$R = 0.9999$$

$$DL = 0.06464$$

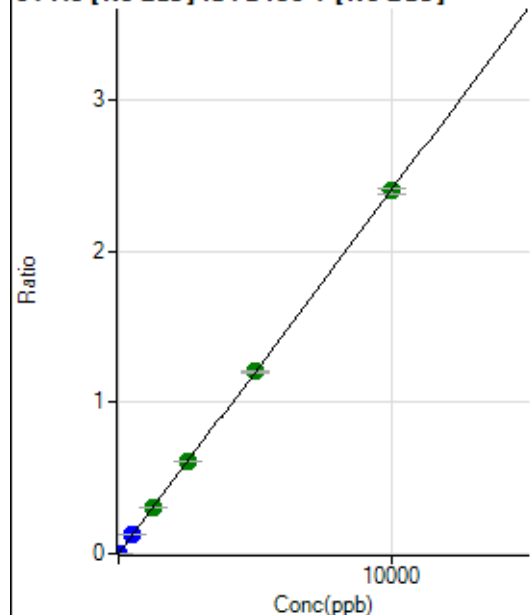
$$BEC = 0.03406$$

Weight: <None>

Min Conc: 0

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	126.67	0.0000	P	3.7
2	☐	5.000	6.359	10880.77	0.0015	P	2.6
3	☐	500.000	506.398	841089.22	0.1217	P	0.6
4	☐	1250.000	1253.767	2129881.46	0.3013	A	1.1
5	☐	2500.000	2544.828	4260465.98	0.6116	A	0.5
6	☐	5000.000	5016.041	8452942.44	1.2054	A	1.0
7	☐	10000.000	9979.981	17244711.55	2.3983	A	1.9
8	☐			4454.06	0.0006	P	17.9

$$y = 2.4031E-004 * x + 1.7917E-005$$

$$R = 1.0000$$

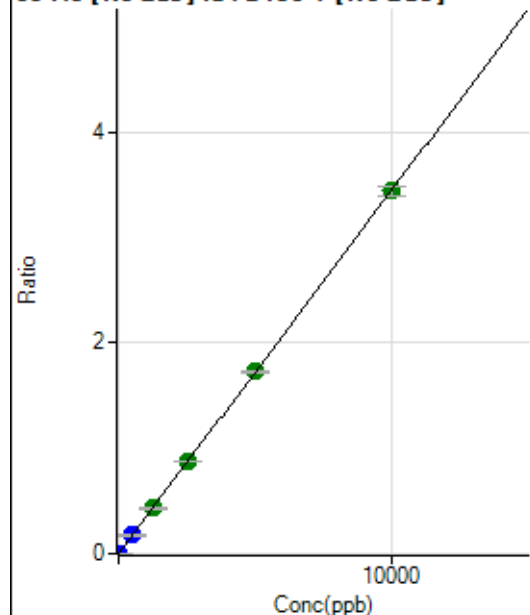
$$DL = 0.008239$$

$$BEC = 0.07456$$

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	27.78	0.0000	P	14.8
2	☐	5.000	5.354	13024.81	0.0018	P	0.8
3	☐	500.000	504.383	1201798.91	0.1739	P	0.7
4	☐	1250.000	1244.654	3033324.50	0.4292	A	2.3
5	☐	2500.000	2522.069	6058049.91	0.8696	A	0.3
6	☐	5000.000	5007.868	12107675.10	1.7267	A	1.6
7	☐	10000.000	9990.997	24769506.85	3.4448	A	2.4
8	☐			3781.64	0.0005	P	22.9

$$y = 3.4479E-004 * x + 3.9336E-006$$

$$R = 1.0000$$

$$DL = 0.005049$$

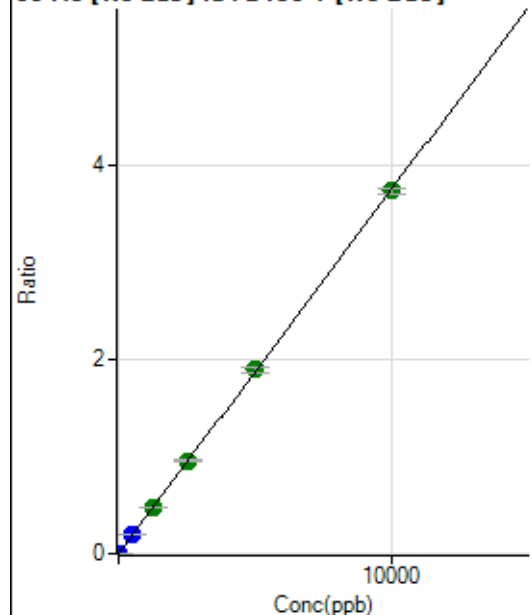
$$BEC = 0.01141$$

Weight: <None>

Min Conc: 0

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	133.34	0.0000	P	12.1
2	☐	5.000	5.513	14715.30	0.0021	P	2.1
3	☐	500.000	507.751	1318762.40	0.1908	P	0.4
4	☐	1250.000	1255.847	3336291.51	0.4720	A	0.9
5	☐	2500.000	2553.570	6685499.21	0.9597	A	0.9
6	☐	5000.000	5047.226	13299327.16	1.8968	A	2.7
7	☐	10000.000	9961.876	26918616.82	3.7437	A	1.7
8	☐			16366.05	0.0021	P	17.2

$$y = 3.7581E-004 * x + 1.8860E-005$$

$$R = 1.0000$$

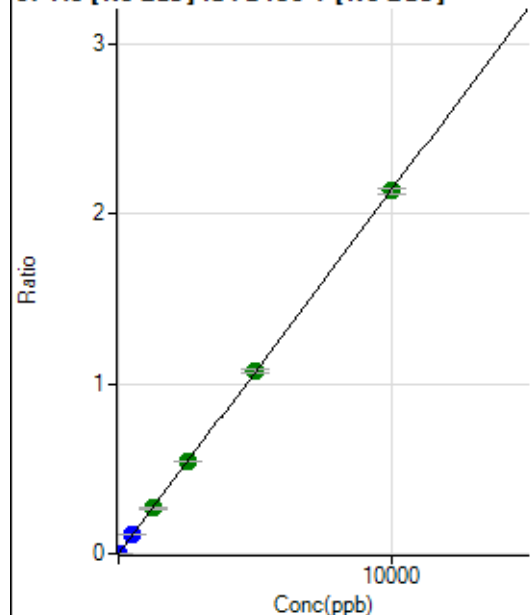
$$DL = 0.01819$$

$$BEC = 0.05018$$

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	31.11	0.0000	P	15.7
2	☐	5.000	5.336	8081.21	0.0011	P	0.9
3	☐	500.000	512.943	759490.13	0.1099	P	0.3
4	☐	1250.000	1247.811	1889815.09	0.2673	A	1.1
5	☐	2500.000	2544.768	3798201.71	0.5452	A	0.7
6	☐	5000.000	5021.054	7543376.35	1.0758	A	1.2
7	☐	10000.000	9977.907	15371085.19	2.1377	A	1.6
8	☐			2584.70	0.0003	P	16.5

$$y = 2.1425E-004 * x + 4.3993E-006$$

$$R = 1.0000$$

$$DL = 0.009657$$

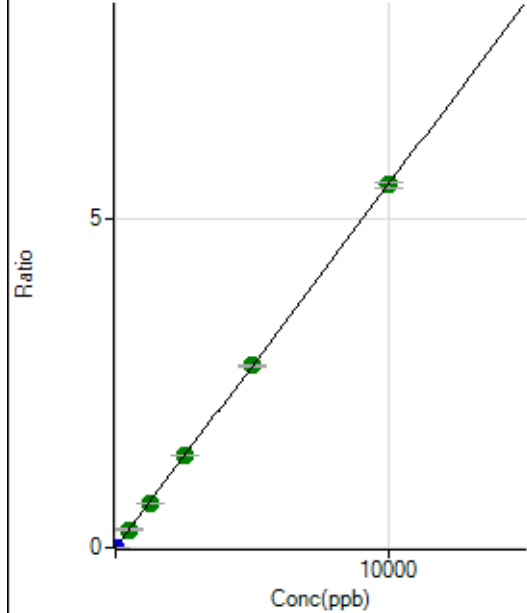
$$BEC = 0.02053$$

Weight: <None>

Min Conc: 0

Calibration for 011CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	43.33	0.0000	P	16.3
2	☐	5.000	5.459	21272.27	0.0030	P	2.8
3	☐	500.000	501.078	1913163.25	0.2769	A	2.3
4	☐	1250.000	1236.340	4828643.26	0.6831	A	0.8
5	☐	2500.000	2552.170	9823094.72	1.4101	A	1.1
6	☐	5000.000	5010.810	19412629.29	2.7685	A	1.4
7	☐	10000.000	9983.206	39660181.08	5.5157	A	1.7
8	☐			5774.54	0.0007	P	17.3

$$y = 5.5250E-004 * x + 6.1366E-006$$

$$R = 1.0000$$

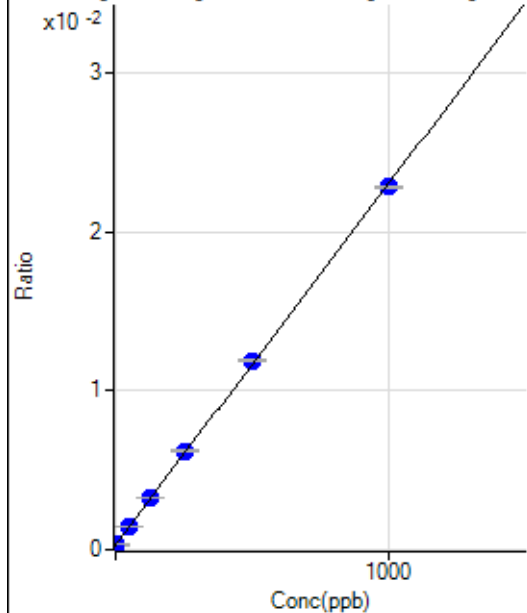
$$DL = 0.005441$$

$$BEC = 0.01111$$

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	1749.02	0.0003	P	4.7
2	☐	1.000	1.225	1920.15	0.0003	P	3.8
3	☐	50.000	52.733	8744.93	0.0015	P	1.7
4	☐	125.000	131.024	19277.34	0.0033	P	0.7
5	☐	250.000	260.067	37289.06	0.0062	P	1.6
6	☐	500.000	510.597	71477.27	0.0119	P	1.1
7	☐	1000.000	991.295	140396.64	0.0229	P	0.3
8	☐			2094.62	0.0003	P	0.3

$$y = 2.2768E-005 * x + 2.9719E-004$$

$$R = 0.9999$$

$$DL = 1.826$$

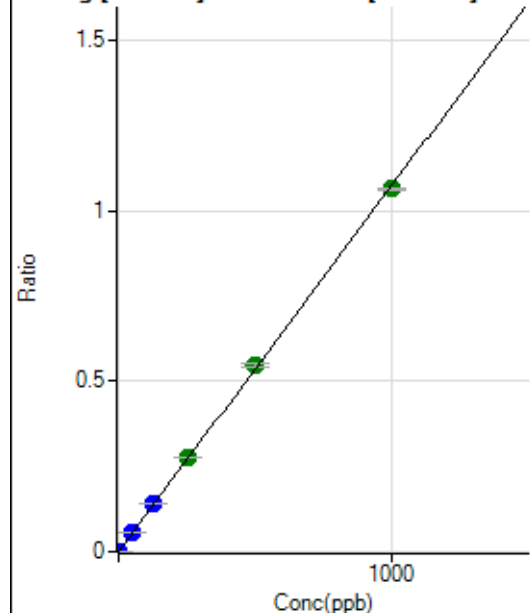
$$BEC = 13.05$$

Weight: <None>

Min Conc: 0

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	48.89	0.0000	P	40.3
2	☐	1.000	1.110	7087.35	0.0012	P	2.6
3	☐	50.000	53.219	333475.21	0.0571	P	1.3
4	☐	125.000	133.353	840962.60	0.1431	P	0.3
5	☐	250.000	257.024	1653924.40	0.2758	A	1.1
6	☐	500.000	510.445	3283445.54	0.5478	A	1.4
7	☐	1000.000	991.816	6533953.38	1.0643	A	0.8
8	☐			691.13	0.0001	P	31.0

$$y = 0.0011 * x + 8.3426E-006$$

$$R = 0.9999$$

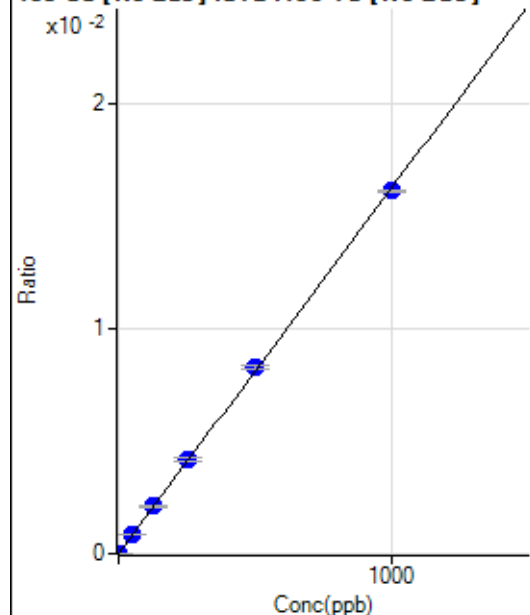
$$DL = 0.009391$$

$$BEC = 0.007774$$

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	13.33	0.0000	P	75.8
2	☐	1.000	1.015	111.11	0.0000	P	8.7
3	☐	50.000	52.240	4978.67	0.0009	P	2.3
4	☐	125.000	129.045	12354.24	0.0021	P	1.4
5	☐	250.000	257.529	25144.12	0.0042	P	2.4
6	☐	500.000	509.450	49712.79	0.0083	P	1.7
7	☐	1000.000	992.775	99210.84	0.0162	P	0.5
8	☐			46.67	0.0000	P	8.2

$$y = 1.6274E-005 * x + 2.2863E-006$$

$$R = 0.9999$$

$$DL = 0.3196$$

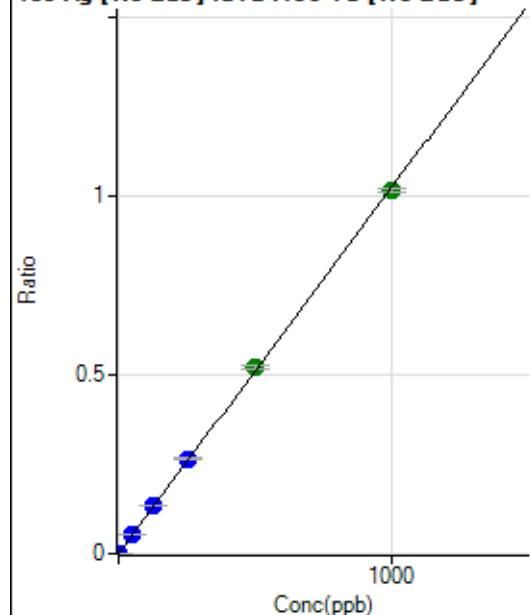
$$BEC = 0.1405$$

Weight: <None>

Min Conc: 0

Calibration for 011CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0000	P	76.6
2	☐	1.000	1.123	6799.44	0.0012	P	2.0
3	☐	50.000	53.025	316516.52	0.0542	P	1.0
4	☐	125.000	132.719	797274.62	0.1357	P	1.1
5	☐	250.000	259.956	1593523.36	0.2658	P	0.7
6	☐	500.000	510.341	3127475.09	0.5217	A	1.5
7	☐	1000.000	991.224	6220829.84	1.0133	A	1.0
8	☐			658.91	0.0001	P	21.2

$$y = 0.0010 * x + 3.0212E-006$$

$$R = 0.9999$$

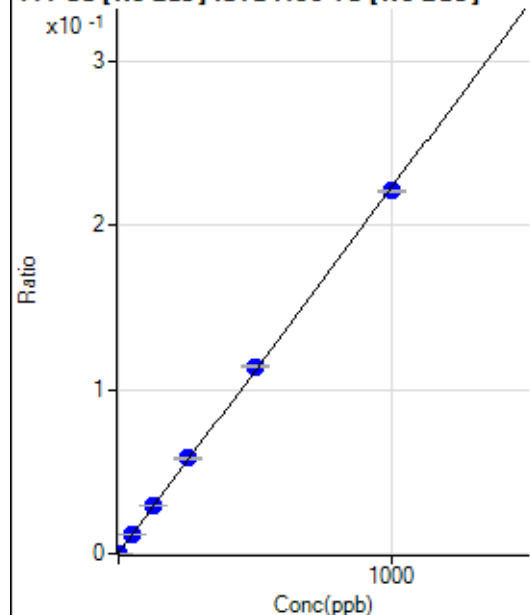
$$DL = 0.006793$$

$$BEC = 0.002955$$

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	1227.20	0.0002	P	4.3
2	☐	1.000	1.171	2771.97	0.0005	P	3.1
3	☐	50.000	52.427	69366.04	0.0119	P	0.5
4	☐	125.000	131.782	173629.03	0.0295	P	0.4
5	☐	250.000	259.996	348328.17	0.0581	P	0.9
6	☐	500.000	510.282	682262.74	0.1138	P	0.8
7	☐	1000.000	991.391	1356279.77	0.2209	P	0.6
8	☐			1685.79	0.0002	P	1.3

$$y = 2.2262E-004 * x + 2.0852E-004$$

$$R = 0.9999$$

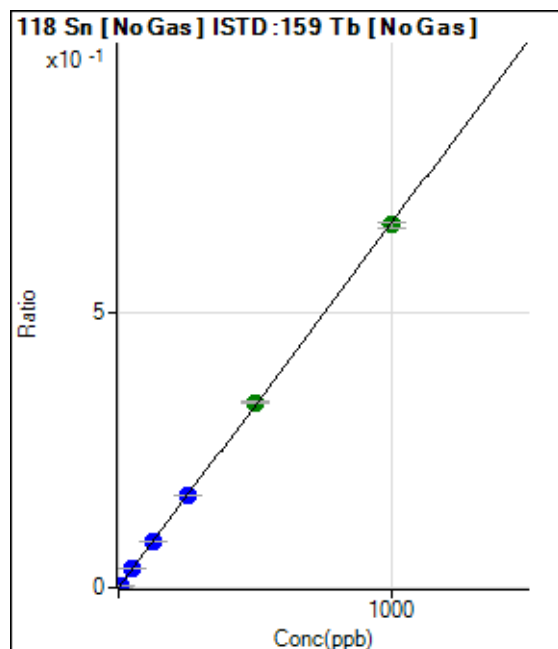
$$DL = 0.1217$$

$$BEC = 0.9366$$

Weight: <None>

Min Conc: 0

Calibration for 011CAL5.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	752.25	0.0001	P	5.0
2	☐	5.000	5.722	23167.59	0.0039	P	1.1
3	☐	50.000	51.256	199145.73	0.0341	P	1.7
4	☐	125.000	128.204	500231.64	0.0851	P	0.3
5	☐	250.000	252.745	1005560.60	0.1677	P	0.4
6	☐	500.000	507.838	2019120.86	0.3368	A	0.9
7	☐	1000.000	994.928	4050682.72	0.6598	A	1.6
8	☐			1570.10	0.0002	P	9.6

$$y = 6.6298E-004 * x + 1.2789E-004$$

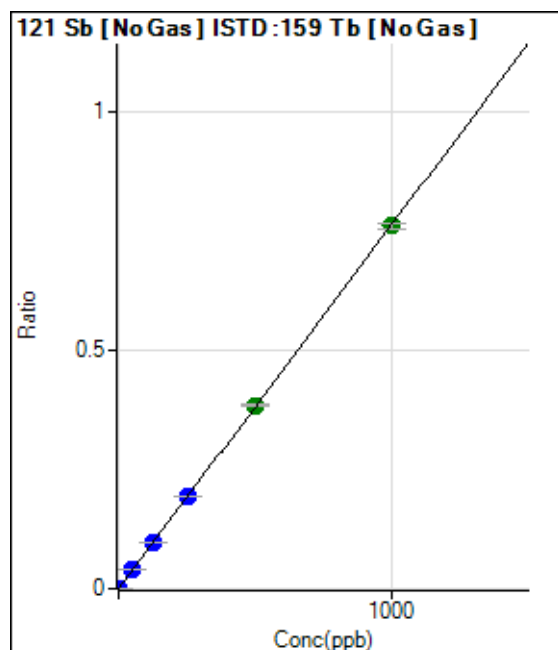
$$R = 0.9999$$

$$DL = 0.02907$$

$$BEC = 0.1929$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35.55	0.0000	P	69.7
2	☐	2.000	2.208	9980.20	0.0017	P	1.9
3	☐	50.000	51.583	229700.02	0.0393	P	1.2
4	☐	125.000	128.145	574256.56	0.0977	P	0.7
5	☐	250.000	252.221	1153339.38	0.1923	P	0.7
6	☐	500.000	503.398	2301181.04	0.3839	A	1.2
7	☐	1000.000	997.273	4668627.15	0.7605	A	1.4
8	☐			2265.76	0.0003	P	20.0

$$y = 7.6257E-004 * x + 5.9919E-006$$

$$R = 1.0000$$

$$DL = 0.01644$$

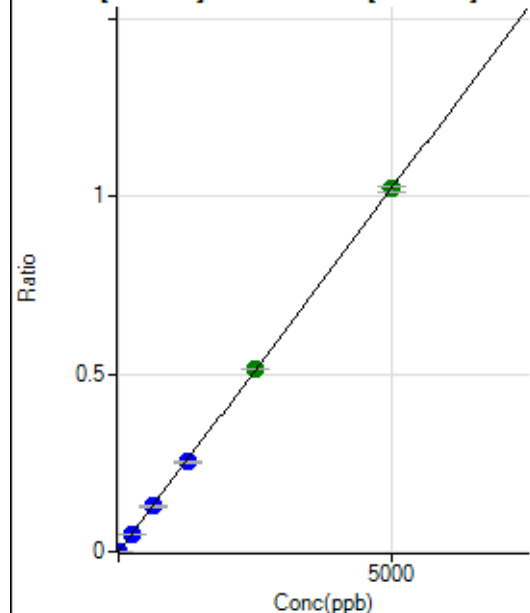
$$BEC = 0.007858$$

Weight: <None>

Min Conc: 0

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	22.6
2	☐	10.000	10.446	12622.34	0.0021	P	3.2
3	☐	250.000	249.441	297414.68	0.0509	P	0.5
4	☐	625.000	622.670	747166.29	0.1271	P	0.3
5	☐	1250.000	1232.991	1509661.99	0.2518	P	0.6
6	☐	2500.000	2515.406	3078995.51	0.5136	A	1.0
7	☐	5000.000	4996.867	6264641.16	1.0203	A	1.5
8	☐			2640.27	0.0004	P	18.5

$$y = 2.0419E-004 * x + 3.9528E-006$$

$$R = 1.0000$$

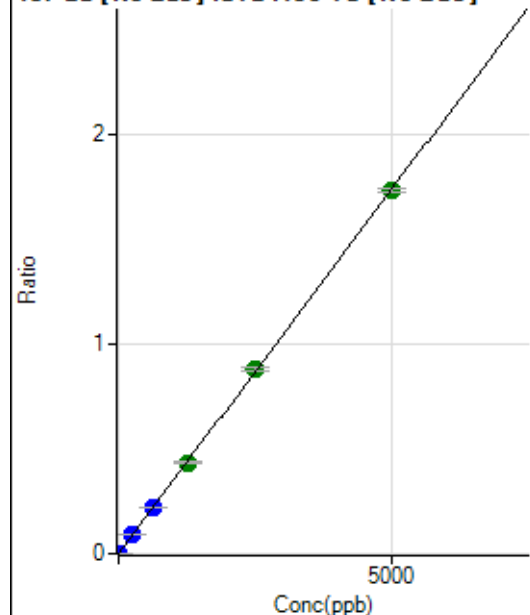
$$DL = 0.01312$$

$$BEC = 0.01936$$

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	16.67	0.0000	P	20.0
2	☐	10.000	10.654	21929.21	0.0037	P	1.1
3	☐	250.000	252.281	512880.72	0.0878	P	0.4
4	☐	625.000	629.906	1288758.31	0.2193	P	0.3
5	☐	1250.000	1252.799	2615471.68	0.4362	A	0.9
6	☐	2500.000	2534.720	5290136.76	0.8825	A	1.8
7	☐	5000.000	4981.212	10647266.92	1.7343	A	1.1
8	☐			4618.57	0.0007	P	15.2

$$y = 3.4816E-004 * x + 2.8315E-006$$

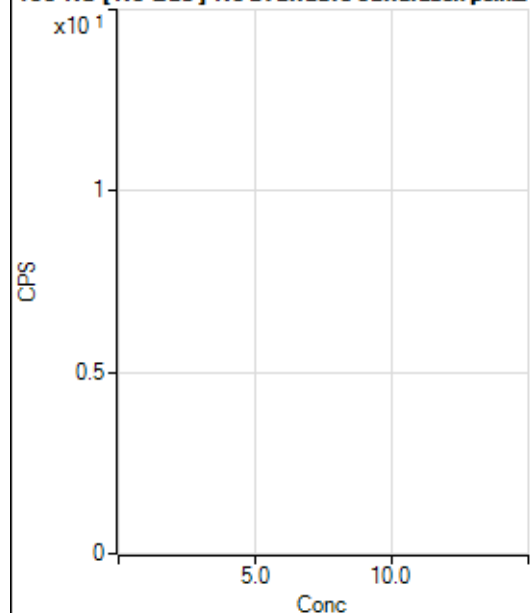
$$R = 1.0000$$

$$DL = 0.004892$$

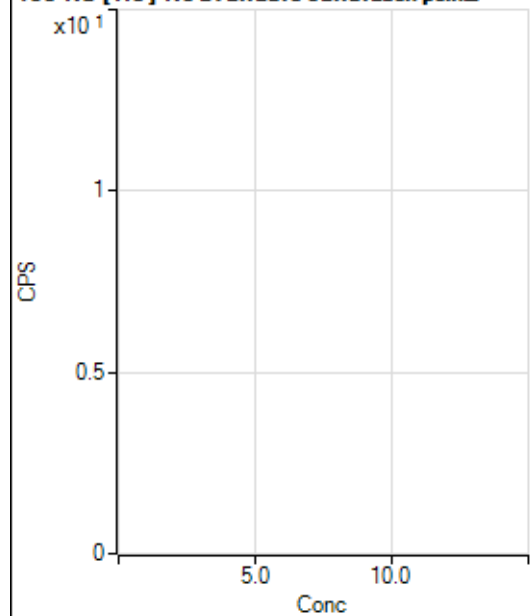
$$BEC = 0.008133$$

Weight: <None>

Min Conc: 0

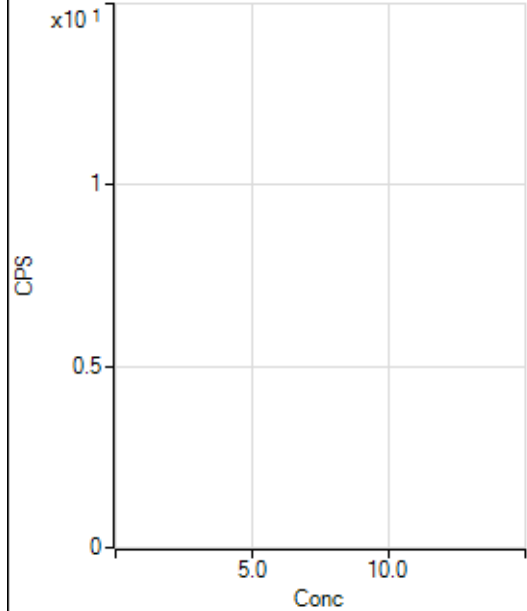
150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐			5.56		P	34.7
3	☐			10.00		P	57.7
4	☐			54.44		P	21.5
5	☐			73.33		P	32.8
6	☐			153.34		P	12.1
7	☐			337.78		P	12.2
8	☐			96.67		P	26.0

150 Nd [He] No available calibration points

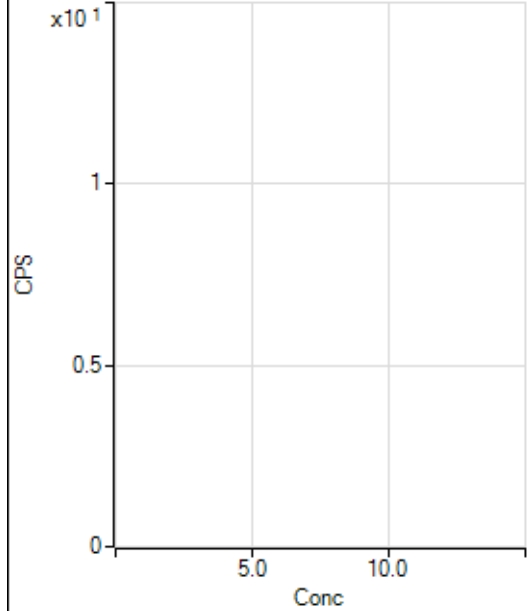
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	86.6
3	☐			7.78		P	24.7
4	☐			14.45		P	74.2
5	☐			20.00		P	16.7
6	☐			40.00		P	44.1
7	☐			103.34		P	11.2
8	☐			86.67		P	20.0

156 Dy [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			7.78		P	107.
3	☐			6.67		P	86.6
4	☐			24.44		P	47.9
5	☐			33.33		P	20.0
6	☐			54.44		P	9.4
7	☐			118.89		P	18.7
8	☐			177.78		P	21.1

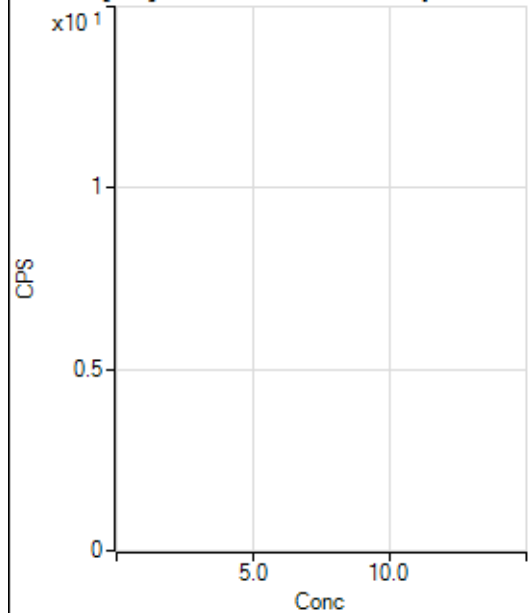
156 Dy [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			5.56		P	91.6
3	☐			23.33		P	NaN
4	☐			52.22		P	46.2
5	☐			83.33		P	17.4
6	☐			158.89		P	13.6
7	☐			360.01		P	7.9
8	☐			132.23		P	10.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	37.5
2	☐			21.11		P	9.1
3	☐			23.34		P	49.5
4	☐			28.89		P	17.6
5	☐			40.00		P	14.4
6	☐			54.44		P	27.6
7	☐			102.22		P	13.2
8	☐			191.11		P	9.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			276.67		P	14.8
2	☐			270.00		P	20.8
3	☐			267.78		P	8.3
4	☐			280.01		P	19.7
5	☐			253.34		P	16.0
6	☐			304.45		P	10.2
7	☐			301.12		P	0.6
8	☐			403.34		P	6.2

164 Er [No Gas] No available calibration points

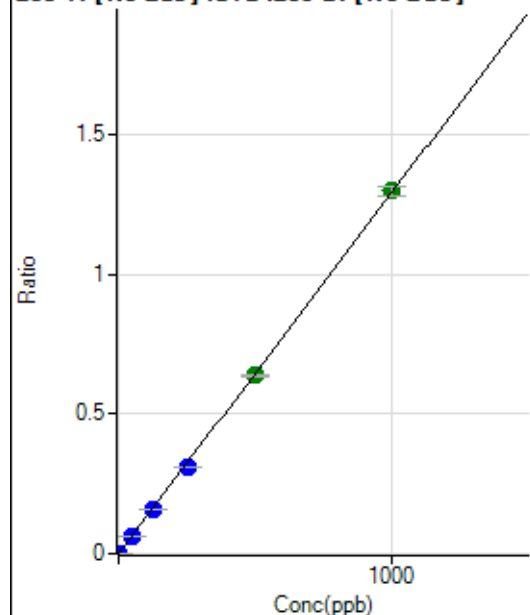
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	52.6
2	☐			41.11		P	28.5
3	☐			57.78		P	14.5
4	☐			52.22		P	32.8
5	☐			66.67		P	8.7
6	☐			95.56		P	22.4
7	☐			113.33		P	23.0
8	☐			245.56		P	19.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34.44		P	34.0
2	☐			37.78		P	22.2
3	☐			34.44		P	55.9
4	☐			38.89		P	21.6
5	☐			53.33		P	49.6
6	☐			63.33		P	13.9
7	☐			113.34		P	23.5
8	☐			180.00		P	11.3

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	56.67	0.0000	P	24.0
2	☐	1.000	1.001	4644.16	0.0013	P	3.5
3	☐	50.000	47.643	222354.70	0.0614	P	0.8
4	☐	125.000	120.357	563863.86	0.1552	P	0.4
5	☐	250.000	239.820	1141915.61	0.3093	P	0.3
6	☐	500.000	494.636	2361314.69	0.6378	A	1.3
7	☐	1000.000	1005.925	4742493.68	1.2971	A	3.0
8	☐			668.91	0.0002	P	11.8

$$y = 0.0013 * x + 1.5820E-005$$

R = 0.9999

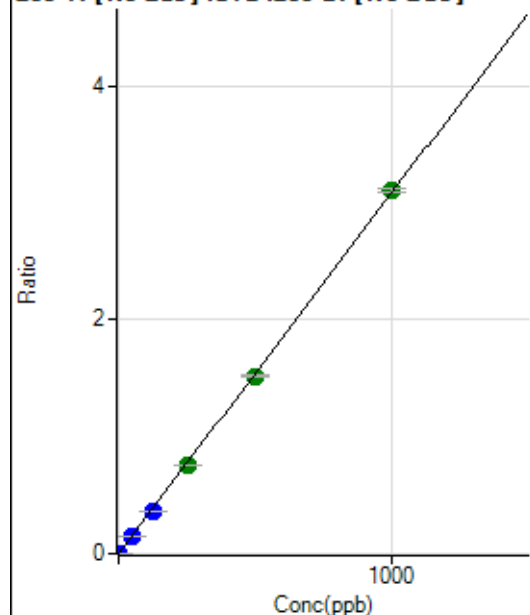
DL = 0.008841

BEC = 0.01227

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	212.22	0.0001	P	5.9
2	☐	1.000	1.004	11192.47	0.0031	P	3.8
3	☐	50.000	47.034	524199.31	0.1449	P	0.6
4	☐	125.000	118.443	1324982.47	0.3647	P	0.4
5	☐	250.000	243.834	2772271.07	0.7508	A	0.6
6	☐	500.000	491.627	5603772.00	1.5137	A	0.9
7	☐	1000.000	1006.696	11334566.36	3.0994	A	0.9
8	☐			1542.32	0.0004	P	12.8

$$y = 0.0031 * x + 5.9195E-005$$

R = 0.9999

DL = 0.0034

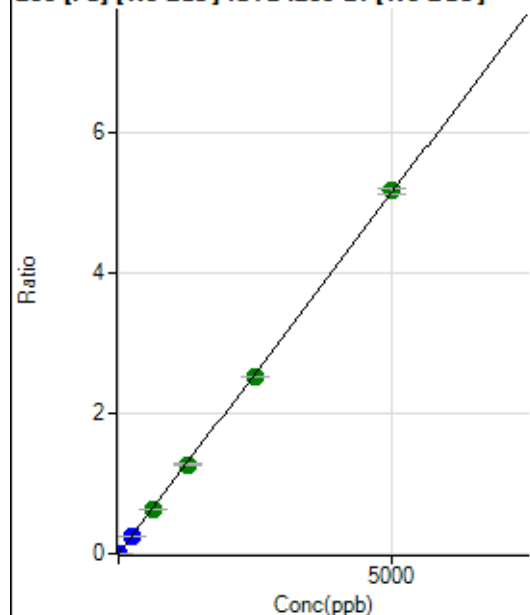
BEC = 0.01923

Weight: <None>

Min Conc: 0

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	702.25	0.0002	P	13.7
2	☐	1.000	0.991	4309.62	0.0012	P	3.1
3	☐	250.000	239.817	891119.86	0.2463	P	1.5
4	☐	625.000	614.609	2291949.51	0.6309	A	1.9
5	☐	1250.000	1234.716	4679101.08	1.2672	A	1.8
6	☐	2500.000	2454.625	9325726.74	2.5189	A	0.3
7	☐	5000.000	5028.316	18868531.94	5.1599	A	1.3
8	☐			9407.81	0.0025	P	16.7

$$y = 0.0010 * x + 1.9602E-004$$

$$R = 0.9999$$

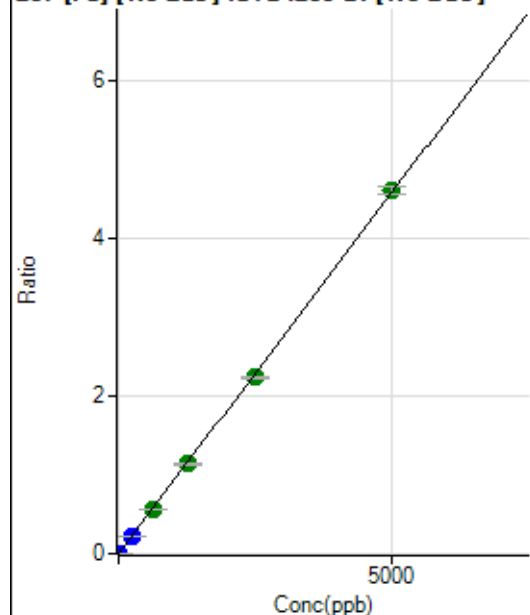
$$DL = 0.07866$$

$$BEC = 0.191$$

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	516.68	0.0001	P	3.2
2	☐	1.000	1.028	3849.48	0.0011	P	0.8
3	☐	250.000	236.455	782077.61	0.2161	P	1.4
4	☐	625.000	616.319	2045833.46	0.5631	A	0.7
5	☐	1250.000	1241.422	4187910.49	1.1342	A	1.1
6	☐	2500.000	2444.586	8267536.89	2.2332	A	1.2
7	☐	5000.000	5031.614	16806714.33	4.5964	A	2.0
8	☐			8652.84	0.0023	P	15.6

$$y = 9.1348E-004 * x + 1.4405E-004$$

$$R = 0.9999$$

$$DL = 0.01511$$

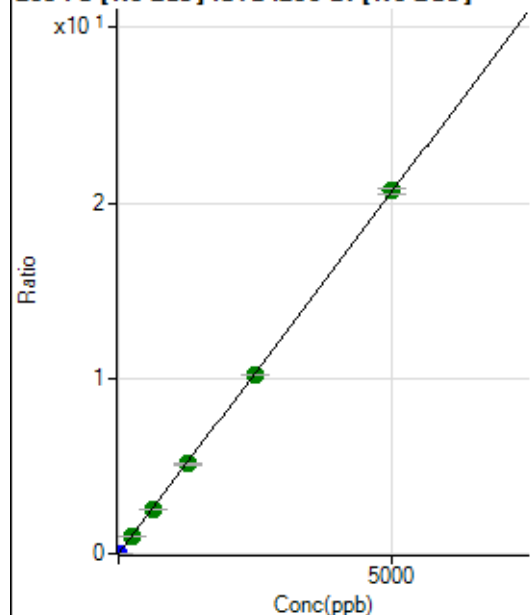
$$BEC = 0.1577$$

Weight: <None>

Min Conc: 0

Calibration for 011CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2613.46	0.0007	P	4.5
2	☐	1.000	1.016	17472.37	0.0049	P	2.8
3	☐	250.000	241.947	3610839.13	0.9979	A	1.8
4	☐	625.000	617.511	9248758.94	2.5458	A	0.4
5	☐	1250.000	1240.138	18876421.35	5.1120	A	0.6
6	☐	2500.000	2471.756	37718645.27	10.1882	A	0.6
7	☐	5000.000	5017.926	75630068.18	20.6825	A	1.5
8	☐			38386.01	0.0102	P	15.3

$$y = 0.0041 * x + 7.2901E-004$$

$$R = 1.0000$$

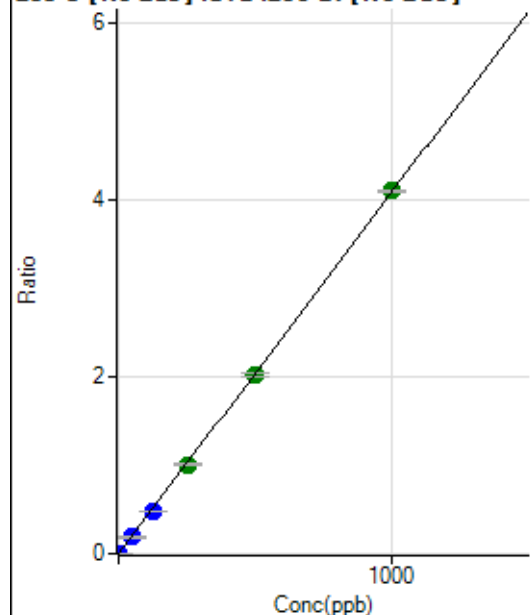
$$DL = 0.0241$$

$$BEC = 0.1769$$

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	12.22	0.0000	P	127.
2	☐	1.000	1.013	14733.82	0.0041	P	0.6
3	☐	50.000	45.289	669780.51	0.1851	P	1.3
4	☐	125.000	115.342	1712626.99	0.4714	P	0.6
5	☐	250.000	245.471	3704731.72	1.0033	A	2.1
6	☐	500.000	495.143	7492090.17	2.0237	A	1.3
7	☐	1000.000	1005.004	15021830.61	4.1076	A	0.7
8	☐			787.81	0.0002	P	16.5

$$y = 0.0041 * x + 3.3740E-006$$

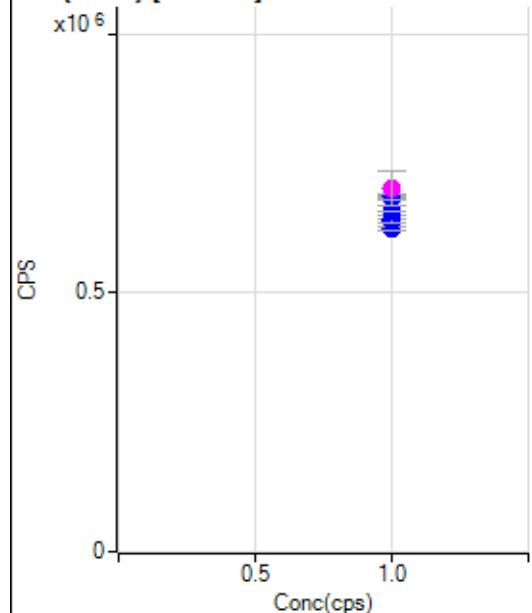
$$R = 0.9999$$

$$DL = 0.003161$$

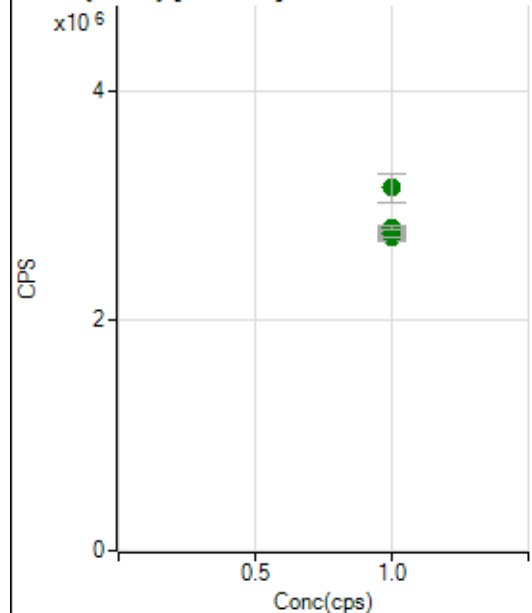
$$BEC = 0.0008255$$

Weight: <None>

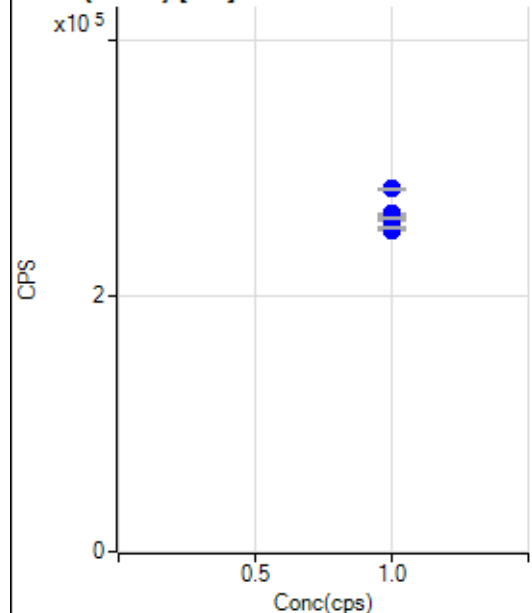
Min Conc: 0

6 Li (ISTD) [No Gas]

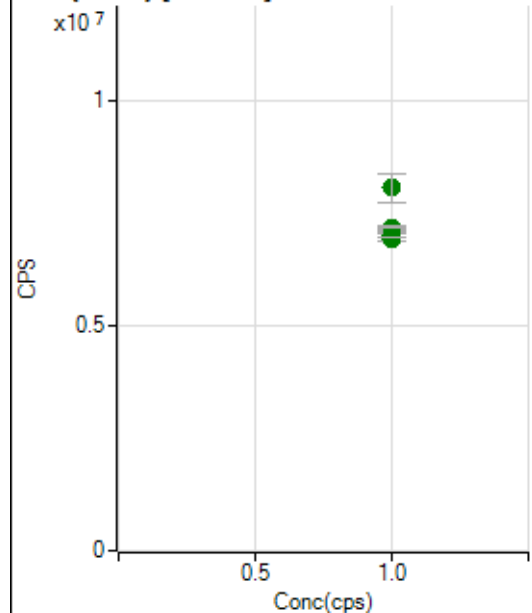
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		624264.85		P	1.7
2	☐	1.000		638245.47		P	1.1
3	☐	1.000		642711.48		P	1.9
4	☐	1.000		657786.30		P	0.3
5	☐	1.000		681966.29		P	0.3
6	☐	1.000		686361.59		P	0.3
7	☐	1.000		685907.85		P	1.7
8	☐	1.000		701157.15		M	9.6

45 Sc (ISTD) [No Gas]

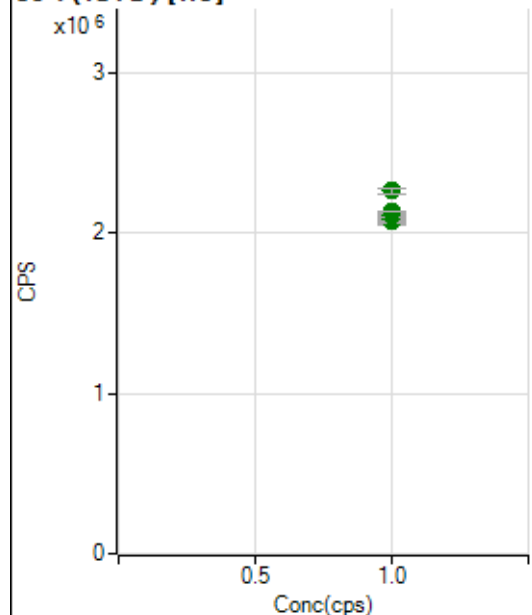
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2762364.91		A	3.4
2	☐	1.000		2750569.79		A	0.1
3	☐	1.000		2733883.75		A	1.0
4	☐	1.000		2788650.51		A	0.7
5	☐	1.000		2719832.41		A	1.9
6	☐	1.000		2759865.79		A	2.0
7	☐	1.000		2808456.94		A	1.1
8	☐	1.000		3153196.65		A	7.7

45 Sc (ISTD) [He]

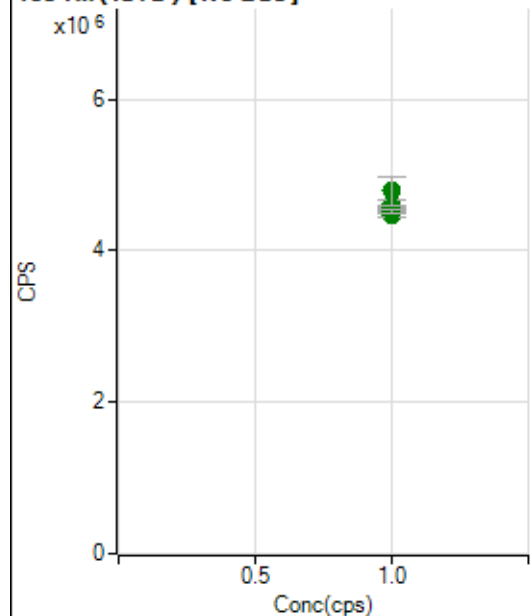
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		263306.40		P	0.6
2	☐	1.000		264104.92		P	0.7
3	☐	1.000		259581.42		P	1.1
4	☐	1.000		259272.32		P	0.3
5	☐	1.000		251219.90		P	0.7
6	☐	1.000		253204.94		P	0.4
7	☐	1.000		260874.40		P	0.8
8	☐	1.000		283418.84		P	0.7

89 Y (ISTD) [No Gas]

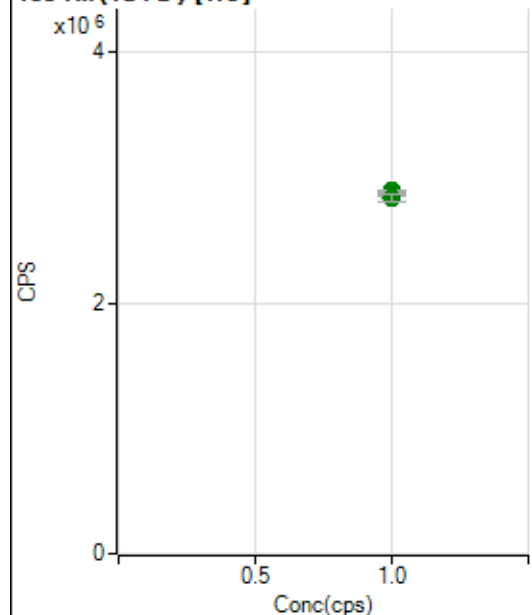
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7068302.53		A	1.3
2	☐	1.000		7040377.12		A	1.8
3	☐	1.000		6910645.94		A	0.8
4	☐	1.000		7069177.33		A	0.9
5	☐	1.000		6966485.66		A	0.2
6	☐	1.000		7013326.77		A	2.2
7	☐	1.000		7190534.89		A	0.3
8	☐	1.000		8054187.73		A	8.3

89 Y(ISTD) [He]

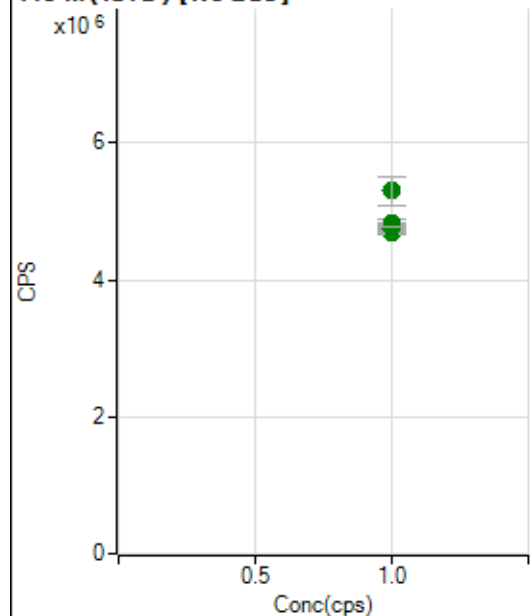
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2069049.85		A	2.4
2	☐	1.000		2087027.14		A	2.1
3	☐	1.000		2077896.36		A	0.8
4	☐	1.000		2087998.16		A	1.9
5	☐	1.000		2069424.26		A	0.2
6	☐	1.000		2111810.96		A	1.5
7	☐	1.000		2136007.57		A	0.2
8	☐	1.000		2262152.45		A	1.8

103 Rh(ISTD) [No Gas]

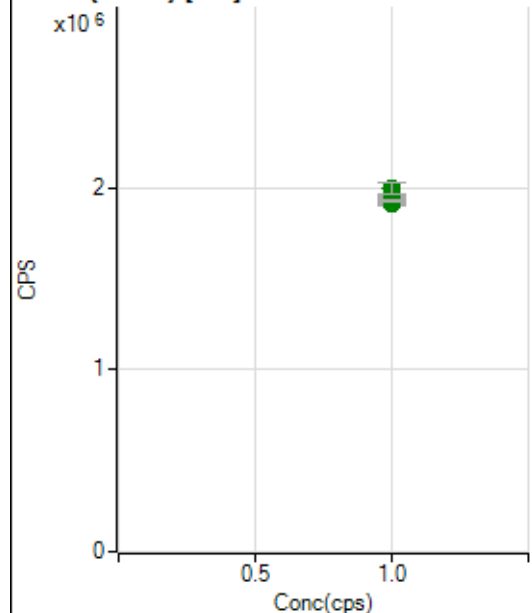
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4631616.74		A	1.2
2	☐	1.000		4556360.35		A	0.8
3	☐	1.000		4565618.30		A	1.0
4	☐	1.000		4567858.27		A	0.7
5	☐	1.000		4520855.14		A	0.3
6	☐	1.000		4473396.01		A	1.2
7	☐	1.000		4525194.62		A	0.9
8	☐	1.000		4789135.76		A	7.7

103 Rh (ISTD) [He]

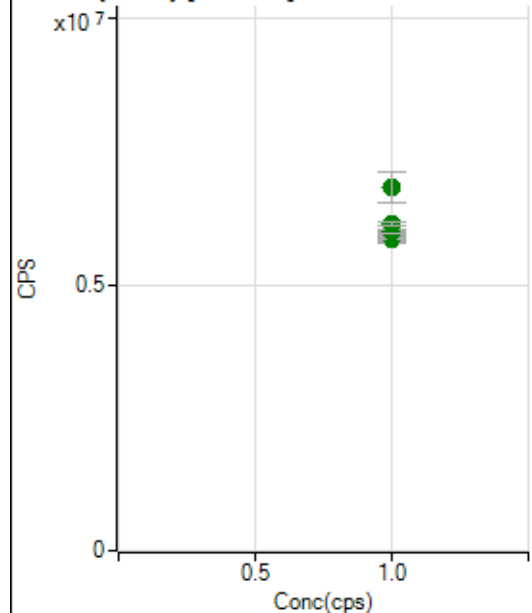
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2862402.39		A	0.6
2	☐	1.000		2896737.94		A	0.2
3	☐	1.000		2876262.95		A	0.9
4	☐	1.000		2880906.49		A	1.4
5	☐	1.000		2871408.85		A	0.7
6	☐	1.000		2864940.62		A	0.2
7	☐	1.000		2889667.29		A	0.5
8	☐	1.000		2842348.46		A	2.5

115 In (ISTD) [No Gas]

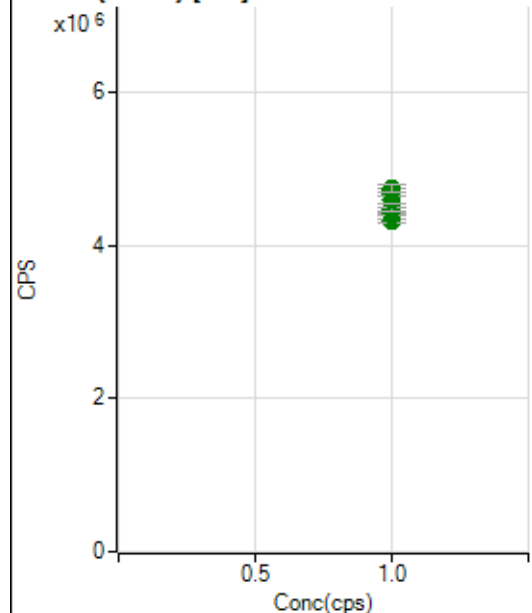
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4838504.10		A	1.8
2	☐	1.000		4819447.48		A	0.6
3	☐	1.000		4691129.35		A	1.0
4	☐	1.000		4813095.03		A	0.9
5	☐	1.000		4777625.38		A	0.9
6	☐	1.000		4739777.70		A	1.6
7	☐	1.000		4777468.72		A	0.3
8	☐	1.000		5297689.52		A	8.2

115 In (ISTD) [He]

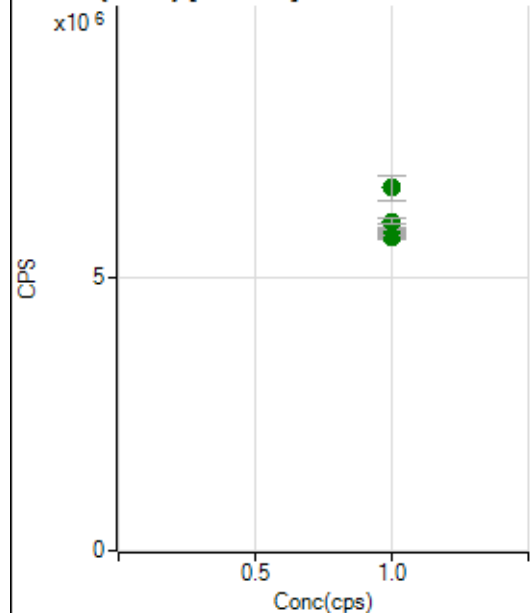
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1913072.05		A	1.0
2	☐	1.000		1928094.03		A	0.3
3	☐	1.000		1942865.66		A	2.6
4	☐	1.000		1928094.15		A	0.3
5	☐	1.000		1945967.51		A	0.5
6	☐	1.000		1943675.74		A	0.4
7	☐	1.000		1930489.88		A	0.9
8	☐	1.000		1994213.01		A	3.2

159 Tb (ISTD) [No Gas]

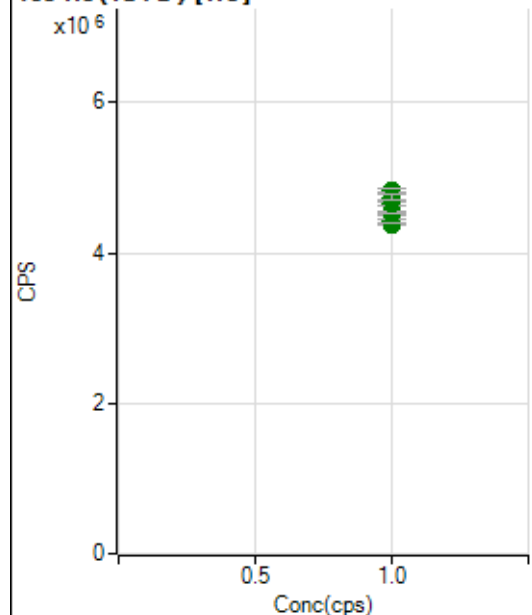
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5885494.08		A	2.0
2	☐	1.000		5907757.27		A	1.2
3	☐	1.000		5839196.16		A	1.4
4	☐	1.000		5876443.53		A	0.7
5	☐	1.000		5996397.41		A	0.4
6	☐	1.000		5995245.60		A	1.5
7	☐	1.000		6139540.60		A	1.1
8	☐	1.000		6820557.47		A	8.5

159 Tb (ISTD) [He]

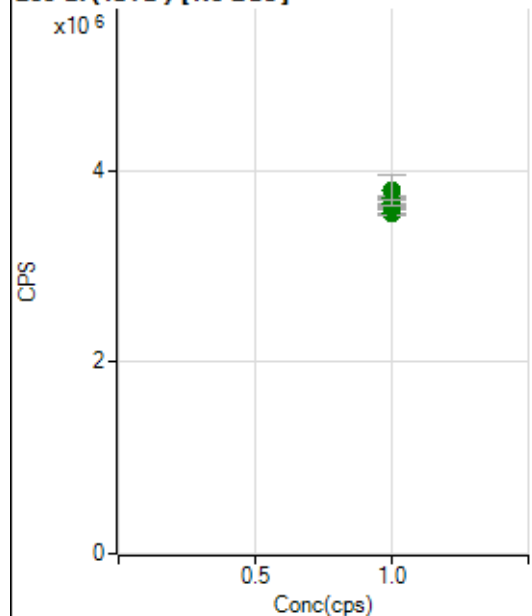
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4318109.07		A	1.2
2	☐	1.000		4405879.03		A	1.0
3	☐	1.000		4422465.39		A	0.9
4	☐	1.000		4473595.14		A	0.7
5	☐	1.000		4597623.47		A	1.8
6	☐	1.000		4675691.94		A	0.8
7	☐	1.000		4728580.52		A	1.3
8	☐	1.000		4737906.46		A	2.1

165 Ho (ISTD) [No Gas]

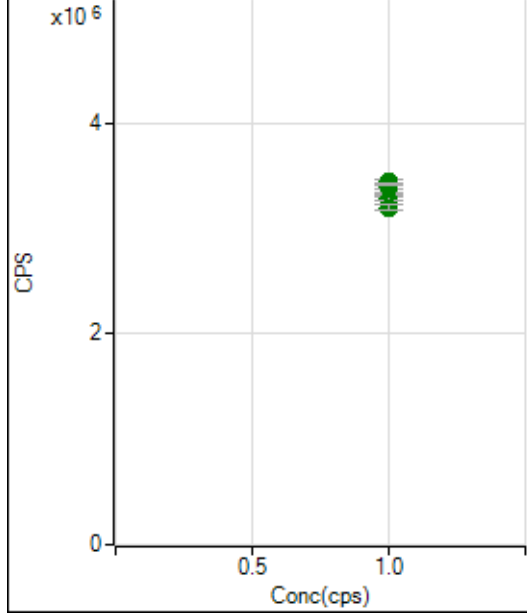
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5807879.64		A	1.7
2	☐	1.000		5722058.04		A	0.8
3	☐	1.000		5723824.43		A	0.4
4	☐	1.000		5796086.03		A	1.3
5	☐	1.000		5772721.16		A	0.8
6	☐	1.000		5878419.15		A	1.0
7	☐	1.000		6011624.98		A	1.8
8	☐	1.000		6627594.90		A	7.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4383949.83		A	0.2
2	☐	1.000		4416623.79		A	1.0
3	☐	1.000		4535341.81		A	1.0
4	☐	1.000		4546607.99		A	0.7
5	☐	1.000		4650298.02		A	0.9
6	☐	1.000		4703960.38		A	0.1
7	☐	1.000		4824387.67		A	1.1
8	☐	1.000		4738966.35		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3586628.97		A	1.9
2	☐	1.000		3555494.29		A	1.7
3	☐	1.000		3618526.89		A	0.5
4	☐	1.000		3632845.57		A	0.5
5	☐	1.000		3692534.32		A	0.5
6	☐	1.000		3702309.04		A	1.1
7	☐	1.000		3657375.92		A	1.8
8	☐	1.000		3783788.03		A	8.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3281809.53		A	0.8
2	☐	1.000		3290418.77		A	1.4
3	☐	1.000		3369552.94		A	2.1
4	☐	1.000		3393327.14		A	0.7
5	☐	1.000		3442124.39		A	1.5
6	☐	1.000		3423865.30		A	0.8
7	☐	1.000		3413806.20		A	0.5
8	☐	1.000		3200309.71		A	1.6

US EPA Tune Check Report

Reviewed By:moh
On:4/9/2025 11:59
AM
Inst Id :P7
LB :LB135315

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7040425MS.b
Acq. Date-Time 2025-04-04 12:51:02
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		6602	66016.09			0.865	5.000
24		80017	800173.55			0.759	5.000
25		10150	101497.17			0.821	5.000
26		11447	114472.12			1.058	5.000
59		44549	445488.35			0.258	5.000
113		6316	63156.54			0.206	5.000
115		75148	751479.57			0.590	5.000
206		14463	144630.74			0.577	5.000
207		12377	123774.18			0.400	5.000
208		29914	299136.18			0.632	5.000
220		0	3.90			21.066	

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	6565	6533	6610	6618	6683
24	79430	79608	80885	80400	79763
25	10084	10057	10166	10269	10173
26	11310	11319	11545	11540	11522
59	44485	44697	44627	44529	44407
113	6334	6312	6321	6298	6313
115	75711	75445	74849	75126	74608
206	14588	14393	14510	14410	14415
207	12415	12343	12351	12445	12333
208	30088	29692	30076	29979	29733

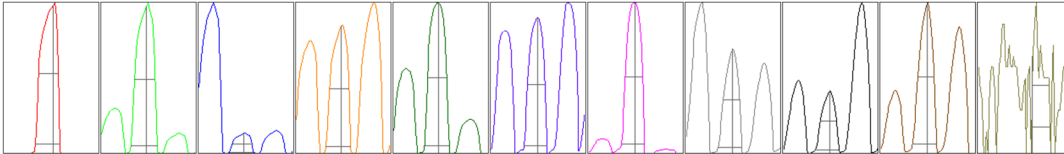
US EPA Tune Check Report

Reviewed By:moh
On:4/9/2025 11:59
AM
Inst Id :P7
LB :LB135315

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	11094.98	9.10	8.90 - 9.10	
24	129252.77	23.95	23.90 - 24.10	
25	17009.86	24.95	24.90 - 25.10	
26	19376.41	25.95	25.90 - 26.10	
59	76410.54	58.95	58.90 - 59.10	
113	11991.72	113.00	112.90 - 113.10	
115	140537.06	115.00	114.90 - 115.10	
206	29092.83	206.00	205.90 - 206.10	
207	25282.66	207.00	206.90 - 207.10	
208	60333.38	208.00	207.90 - 208.10	
220	0.45	220.25	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.774	0.900	
24	0.66	0.831	0.900	
25	0.63	0.745	0.900	
26	0.63	0.783	0.900	
59	0.61	0.782	0.900	
113	0.54	0.727	0.900	
115	0.54	0.736	0.900	
206	0.51	0.756	0.900	
207	0.51	0.754	0.900	
208	0.51	0.768	0.900	
220	0.52	0.570		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

Reviewed By:moh
On:4/9/2025 11:59
AM
Inst Id :P7
LB :LB135315

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0
Sample Depth	8.8 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.4 V	Deflect	15.8 V
Extract 2	-130.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-50 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	170 V		

QP Parameters

Mass Gain	139	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	-0.1 mm	Torch V	0.4 mm
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EM

Discriminator	4.7 mV	Analog HV	2319 V	Pulse HV	1152 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		15195	151951.51			0.534	
89		50529	505292.27			0.709	
205		16946	169455.12			0.733	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	15276	15246	15170	15216	15068
89	50908	50934	50267	50243	50294
205	17114	17001	16954	16790	16869

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	8.8 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.8 V	Deflect	4.0 V
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US EPA Tune Check Report

Reviewed By:moh
On:4/9/2025 11:59
AM
Inst Id :P7
LB :LB135315

Extract 2	-165.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-80 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	139	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.12		
Hardware Settings					
Torch					
Torch H	-0.1 mm	Torch V	0.4 mm		
EM					
Discriminator	4.7 mV	Analog HV	2319 V	Pulse HV	1152 V

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:09:04 DataFile Name : 005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	-0.10	-0.13	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.00	0.02	0.00	N/A	ppb
Barium	135-1	0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.11	0.00	0.11	0.00	N/A	ppb
Cadmium	106-1	-0.16	0.67	-0.51	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.04	-0.04	0.00	N/A	ppb
Calcium	43-1	0.51	0.78	-1.29	0.00	N/A	ppb
Calcium	44-1	-1.90	-0.07	1.97	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	0.05	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	0.00	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	-0.04	-0.08	0.12	0.00	N/A	ppb
Iron	57-2	-0.06	0.41	-0.35	0.00	N/A	ppb
Iron	54-2	1.01	-1.54	0.53	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:09:04 DataFile Name : 005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.03	0.02	0.01	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.06	0.04	0.02	0.00	N/A	ppb
Manganese	55-2	0.04	-0.04	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	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	0.04	-0.01	-0.03	0.00	N/A	ppb
Phosphorus	31-2	-25.04	-23.20	-19.20	-22.48		ppb
Potassium	39-2	1.60	-0.54	-1.06	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.16	-0.36	0.20	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.84	0.18	0.66	0.00	N/A	ppb
Silicon	28-1	-3.72	2.55	1.17	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	0.00	0.24	-0.24	0.00	N/A	ppb
Strontium	86-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-340.64	121.90	87.37	-43.79		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	-0.01	0.02	0.00	N/A	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:09:04 DataFile Name : 005CALB.d

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

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:15:42 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.50	22.64	20.75	21.63	4.40	ppb
Antimony	121-1	2.25	2.18	2.19	2.21	1.86	ppb
Arsenic	75-2	1.28	1.13	1.18	1.20	6.20	ppb
Barium	135-1	10.63	10.65	10.06	10.45	3.23	ppb
Barium	137-1	10.78	10.55	10.63	10.65	1.12	ppb
Beryllium	9-1	1.02	1.12	1.12	1.09	5.27	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.95	0.96	1.13	1.01	9.94	ppb
Cadmium	106-1	1.57	1.51	0.60	1.23	44.14	ppb
Cadmium	111-1	1.18	1.23	1.10	1.17	5.59	ppb
Calcium	43-1	637.33	646.55	630.62	638.16	1.25	ppb
Calcium	44-1	632.36	643.40	626.73	634.16	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.21	2.24	2.18	2.21	1.36	ppb
Cobalt	59-2	1.19	1.19	1.11	1.16	3.95	ppb
Copper	63-2	2.11	2.21	2.07	2.13	3.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	59.18	60.82	58.54	59.52	1.98	ppb
Iron	57-2	63.97	62.87	63.43	63.43	0.87	ppb
Iron	54-2	58.84	60.33	63.43	60.87	3.85	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:15:42 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.97	0.97	1.03	0.99	3.67	ppb
Lead	207-1	1.02	1.03	1.04	1.03	0.96	ppb
Lead	208-1	1.00	0.99	1.05	1.02	3.34	ppb
Lithium	6-1				102		%
Magnesium	24-2	549.39	557.66	546.84	551.29	1.03	ppb
Manganese	55-2	1.03	0.93	1.01	0.99	4.93	ppb
Molybdenum	94-1	6.45	6.16	6.47	6.36	2.68	ppb
Molybdenum	95-1	5.35	5.40	5.31	5.35	0.81	ppb
Molybdenum	96-1	5.63	5.40	5.51	5.51	2.16	ppb
Molybdenum	97-1	5.30	5.39	5.32	5.34	0.95	ppb
Molybdenum	98-1	5.47	5.30	5.61	5.46	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.13	0.96	1.03	8.99	ppb
Phosphorus	31-2	24.91	15.18	27.34	22.48	28.64	ppb
Potassium	39-2	567.31	569.87	569.54	568.91	0.24	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	5.80	6.40	5.81	6.00	5.77	ppb
Selenium	77-2	5.84	5.64	5.41	5.63	3.79	ppb
Selenium	78-2	7.68	4.75	7.34	6.59	24.34	ppb
Silicon	28-1	0.33	0.28	-0.01	0.20	92.19	ppb
Silver	107-1	1.08	1.12	1.13	1.11	2.63	ppb
Silver	109-1	1.10	1.12	1.15	1.12	2.03	ppb
Sodium	23-2	548.86	562.28	555.14	555.43	1.21	ppb
Strontium	86-1	1.05	1.10	1.11	1.09	2.78	ppb
Strontium	88-1	1.11	1.09	1.12	1.11	1.43	ppb
Sulfur	34-1	27.03	82.63	21.70	43.79	77.07	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.97	1.04	1.00	1.00	3.53	ppb
Thallium	205-1	0.96	1.01	1.04	1.00	3.83	ppb
Tin	118-1	5.79	5.66	5.72	5.72	1.16	ppb
Titanium	47-1	5.21	5.47	5.47	5.38	2.82	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:15:42 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.01	1.01	1.01	0.57	ppb
Vanadium	51-2	5.38	5.25	5.24	5.29	1.49	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	5.10	5.25	5.11	5.16	1.64	ppb
Zirconium	90-1	1.07	1.00	1.07	1.05	3.78	ppb
Zirconium	91-1	0.98	1.01	1.04	1.01	2.90	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:19:02 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1022.11	1036.34	1044.82	1034.42	1.11	ppb
Antimony	121-1	51.89	50.89	51.97	51.58	1.16	ppb
Arsenic	75-2	51.02	51.38	51.41	51.27	0.43	ppb
Barium	135-1	250.39	248.07	249.87	249.44	0.49	ppb
Barium	137-1	252.58	251.12	253.15	252.28	0.42	ppb
Beryllium	9-1	53.53	52.41	53.73	53.22	1.34	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	51.10	53.48	52.15	52.24	2.28	ppb
Cadmium	106-1	53.93	51.78	52.49	52.73	2.07	ppb
Cadmium	111-1	52.53	52.11	52.64	52.43	0.53	ppb
Calcium	43-1	6059.77	5915.82	6110.40	6028.66	1.67	ppb
Calcium	44-1	5865.08	5807.16	5901.08	5857.77	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.50	51.74	51.62	51.62	0.23	ppb
Cobalt	59-2	50.60	51.31	51.41	51.11	0.86	ppb
Copper	63-2	511.00	517.27	515.80	514.69	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	2611.44	2662.67	2624.52	2632.88	1.01	ppb
Iron	57-2	2746.40	2756.17	2774.56	2759.04	0.52	ppb
Iron	54-2	2763.15	2814.44	2773.93	2783.84	0.97	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:19:02 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	236.97	243.76	238.72	239.82	1.47	ppb
Lead	207-1	233.86	240.11	235.40	236.46	1.38	ppb
Lead	208-1	238.39	246.83	240.63	241.95	1.81	ppb
Lithium	6-1				103		%
Magnesium	24-2	5130.03	5166.78	5211.27	5169.36	0.79	ppb
Manganese	55-2	506.77	509.98	506.16	507.64	0.40	ppb
Molybdenum	94-1	508.49	502.77	507.93	506.40	0.62	ppb
Molybdenum	95-1	508.12	503.76	501.26	504.38	0.69	ppb
Molybdenum	96-1	510.15	506.34	506.76	507.75	0.41	ppb
Molybdenum	97-1	512.29	514.85	511.69	512.94	0.33	ppb
Molybdenum	98-1	500.30	513.03	489.90	501.08	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.40	52.84	53.12	52.45	1.75	ppb
Phosphorus	31-2	1076.36	1036.05	1034.96	1049.12	2.25	ppb
Potassium	39-2	2673.34	2681.05	2691.96	2682.12	0.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	53.59	52.13	53.95	53.22	1.81	ppb
Selenium	77-2	61.65	57.82	51.08	56.85	9.41	ppb
Selenium	78-2	51.61	54.39	55.01	53.67	3.38	ppb
Silicon	28-1	48.46	45.15	45.59	46.40	3.88	ppb
Silver	107-1	53.53	52.46	53.68	53.22	1.25	ppb
Silver	109-1	53.04	52.46	53.57	53.03	1.04	ppb
Sodium	23-2	5303.30	5376.43	5380.07	5353.26	0.81	ppb
Strontium	86-1	50.70	51.11	50.40	50.74	0.71	ppb
Strontium	88-1	51.17	50.99	51.35	51.17	0.35	ppb
Sulfur	34-1	1248.59	1065.72	1101.42	1138.58	8.51	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	47.67	48.03	47.23	47.64	0.85	ppb
Thallium	205-1	46.94	47.37	46.80	47.03	0.63	ppb
Tin	118-1	51.47	50.31	51.98	51.26	1.67	ppb
Titanium	47-1	505.77	498.93	509.65	504.79	1.08	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:19:02 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	44.61	45.62	45.65	45.29	1.31	ppb
Vanadium	51-2	50.43	50.13	50.96	50.51	0.83	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	540.35	545.01	545.12	543.49	0.50	ppb
Zirconium	90-1	50.52	50.91	50.53	50.65	0.44	ppb
Zirconium	91-1	50.75	50.74	51.11	50.87	0.42	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:22:15 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2539.85	2563.91	2516.50	2540.08	0.93	ppb
Antimony	121-1	128.55	128.76	127.12	128.14	0.70	ppb
Arsenic	75-2	125.40	131.47	127.52	128.13	2.40	ppb
Barium	135-1	620.61	623.25	624.15	622.67	0.30	ppb
Barium	137-1	629.61	631.90	628.21	629.91	0.30	ppb
Beryllium	9-1	131.27	132.41	132.55	132.08	0.53	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	128.00	131.20	127.93	129.04	1.45	ppb
Cadmium	106-1	130.96	130.07	132.04	131.02	0.75	ppb
Cadmium	111-1	131.24	132.01	132.10	131.78	0.36	ppb
Calcium	43-1	14761.35	14713.57	14732.39	14735.77	0.16	ppb
Calcium	44-1	13901.16	13753.30	13926.99	13860.48	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.18	128.17	126.82	127.39	0.55	ppb
Cobalt	59-2	126.41	126.93	126.09	126.47	0.34	ppb
Copper	63-2	1287.10	1284.90	1256.19	1276.06	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	6553.07	6560.42	6456.87	6523.45	0.89	ppb
Iron	57-2	6802.44	6856.23	6767.50	6808.72	0.66	ppb
Iron	54-2	6905.22	6902.18	6821.11	6876.17	0.69	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:22:15 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	606.84	609.13	627.85	614.61	1.88	ppb
Lead	207-1	612.20	616.44	620.32	616.32	0.66	ppb
Lead	208-1	614.98	617.48	620.07	617.51	0.41	ppb
Lithium	6-1				105		%
Magnesium	24-2	12894.81	13091.78	12813.79	12933.46	1.11	ppb
Manganese	55-2	1234.61	1263.72	1230.82	1243.05	1.45	ppb
Molybdenum	94-1	1267.81	1253.21	1240.27	1253.77	1.10	ppb
Molybdenum	95-1	1268.01	1253.51	1212.44	1244.65	2.32	ppb
Molybdenum	96-1	1268.67	1253.18	1245.69	1255.85	0.93	ppb
Molybdenum	97-1	1263.18	1241.07	1239.18	1247.81	1.07	ppb
Molybdenum	98-1	1247.12	1231.77	1230.12	1236.34	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.47	129.80	127.85	128.38	0.97	ppb
Phosphorus	31-2	2550.00	2497.82	2518.51	2522.11	1.04	ppb
Potassium	39-2	6393.58	6326.42	6242.45	6320.82	1.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	134.09	131.95	129.19	131.75	1.86	ppb
Selenium	77-2	129.90	131.64	131.19	130.91	0.69	ppb
Selenium	78-2	124.04	129.67	131.30	128.34	2.97	ppb
Silicon	28-1	133.42	130.76	134.40	132.86	1.42	ppb
Silver	107-1	133.57	132.85	133.64	133.35	0.33	ppb
Silver	109-1	134.16	132.70	131.30	132.72	1.07	ppb
Sodium	23-2	13026.71	13133.69	13019.76	13060.05	0.49	ppb
Strontium	86-1	125.32	125.72	123.34	124.79	1.02	ppb
Strontium	88-1	123.85	125.18	122.99	124.01	0.89	ppb
Sulfur	34-1	2617.12	2553.34	2540.93	2570.47	1.59	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	119.83	120.45	120.79	120.36	0.40	ppb
Thallium	205-1	118.20	118.20	118.93	118.44	0.36	ppb
Tin	118-1	127.80	128.65	128.17	128.20	0.33	ppb
Titanium	47-1	1250.26	1245.14	1236.74	1244.05	0.55	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:22:15 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	115.03	114.84	116.16	115.34	0.62	ppb
Vanadium	51-2	125.97	125.76	125.79	125.84	0.09	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	1313.21	1313.67	1294.01	1306.96	0.86	ppb
Zirconium	90-1	126.22	126.15	123.73	125.37	1.13	ppb
Zirconium	91-1	126.31	126.14	123.57	125.34	1.22	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:25:20 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5153.36	5076.30	5081.65	5103.77	0.84	ppb
Antimony	121-1	250.37	254.06	252.24	252.22	0.73	ppb
Arsenic	75-2	255.73	255.63	253.71	255.02	0.45	ppb
Barium	135-1	1225.68	1233.64	1239.65	1232.99	0.57	ppb
Barium	137-1	1242.78	1250.50	1265.12	1252.80	0.91	ppb
Beryllium	9-1	257.29	259.88	262.58	259.92	1.02	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	250.45	260.02	262.12	257.53	2.42	ppb
Cadmium	106-1	264.45	260.20	255.54	260.07	1.71	ppb
Cadmium	111-1	260.37	262.01	257.61	260.00	0.86	ppb
Calcium	43-1	29960.16	30911.60	29728.44	30200.07	2.08	ppb
Calcium	44-1	27815.71	29437.05	27726.03	28326.26	3.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259.29	258.24	256.94	258.16	0.46	ppb
Cobalt	59-2	256.71	254.49	254.26	255.16	0.53	ppb
Copper	63-2	2619.35	2526.27	2597.11	2580.91	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	13431.68	13210.17	13417.12	13352.99	0.93	ppb
Iron	57-2	13810.57	13860.27	13943.90	13871.58	0.49	ppb
Iron	54-2	13459.73	13886.47	13894.63	13746.95	1.81	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:25:20 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1208.95	1246.29	1248.91	1234.72	1.81	ppb
Lead	207-1	1225.67	1251.52	1247.08	1241.42	1.11	ppb
Lead	208-1	1231.93	1244.65	1243.84	1240.14	0.57	ppb
Lithium	6-1				109		%
Magnesium	24-2	25959.93	25753.84	25837.86	25850.55	0.40	ppb
Manganese	55-2	2515.81	2519.41	2566.95	2534.05	1.13	ppb
Molybdenum	94-1	2539.26	2559.85	2535.37	2544.83	0.52	ppb
Molybdenum	95-1	2527.89	2524.01	2514.31	2522.07	0.28	ppb
Molybdenum	96-1	2543.99	2581.04	2535.68	2553.57	0.95	ppb
Molybdenum	97-1	2525.96	2557.85	2550.49	2544.77	0.66	ppb
Molybdenum	98-1	2530.30	2542.27	2583.94	2552.17	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.90	257.46	257.62	258.33	0.53	ppb
Phosphorus	31-2	5066.37	5060.40	5196.41	5107.72	1.50	ppb
Potassium	39-2	12554.82	12522.75	12761.11	12612.89	1.03	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	266.22	267.80	265.22	266.41	0.49	ppb
Selenium	77-2	249.23	261.75	263.06	258.01	2.96	ppb
Selenium	78-2	266.35	271.09	260.56	266.00	1.98	ppb
Silicon	28-1	268.79	289.43	276.12	278.11	3.76	ppb
Silver	107-1	259.91	256.89	254.27	257.02	1.10	ppb
Silver	109-1	258.04	261.33	260.50	259.96	0.66	ppb
Sodium	23-2	26337.76	26274.88	26270.50	26294.38	0.14	ppb
Strontium	86-1	253.60	254.12	253.10	253.61	0.20	ppb
Strontium	88-1	254.81	256.43	255.76	255.67	0.32	ppb
Sulfur	34-1	5388.44	5805.60	5184.85	5459.63	5.80	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	240.01	240.54	238.91	239.82	0.35	ppb
Thallium	205-1	244.93	242.03	244.54	243.83	0.65	ppb
Tin	118-1	253.34	253.41	251.48	252.74	0.43	ppb
Titanium	47-1	2502.85	2661.95	2514.43	2559.74	3.47	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:25:20 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	239.71	246.78	249.92	245.47	2.13	ppb
Vanadium	51-2	254.33	252.31	255.52	254.05	0.64	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2636.39	2645.82	2670.97	2651.06	0.67	ppb
Zirconium	90-1	255.01	256.53	252.73	254.76	0.75	ppb
Zirconium	91-1	255.93	255.98	257.41	256.44	0.33	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:28:16 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10078.01	10029.63	9870.40	9992.68	1.09	ppb
Antimony	121-1	510.03	497.91	502.26	503.40	1.22	ppb
Arsenic	75-2	497.13	488.75	511.57	499.15	2.31	ppb
Barium	135-1	2535.85	2487.47	2522.90	2515.41	1.00	ppb
Barium	137-1	2561.37	2480.73	2562.05	2534.72	1.84	ppb
Beryllium	9-1	509.49	512.11	515.47	512.36	0.59	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	517.13	500.41	510.81	509.45	1.66	ppb
Cadmium	106-1	510.44	505.15	516.20	510.60	1.08	ppb
Cadmium	111-1	514.28	505.71	510.86	510.28	0.85	ppb
Calcium	43-1	57292.85	58437.15	60745.49	58825.16	2.99	ppb
Calcium	44-1	54047.87	55331.42	56339.18	55239.49	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.45	509.32	505.26	507.34	0.40	ppb
Cobalt	59-2	501.30	501.11	498.00	500.14	0.37	ppb
Copper	63-2	5072.59	5068.97	5048.12	5063.23	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				107		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	26561.83	26290.33	26185.08	26345.75	0.74	ppb
Iron	57-2	27474.19	27399.06	27146.28	27339.84	0.63	ppb
Iron	54-2	26572.78	26902.18	26408.81	26627.92	0.94	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:28:16 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2460.78	2445.52	2457.57	2454.62	0.33	ppb
Lead	207-1	2466.81	2409.77	2457.18	2444.59	1.25	ppb
Lead	208-1	2485.00	2457.41	2472.86	2471.76	0.56	ppb
Lithium	6-1				110		%
Magnesium	24-2	51118.78	51146.81	50523.79	50929.79	0.69	ppb
Manganese	55-2	5044.80	4999.72	5022.39	5022.30	0.45	ppb
Molybdenum	94-1	5022.14	5061.33	4964.65	5016.04	0.97	ppb
Molybdenum	95-1	4987.07	5098.60	4937.94	5007.87	1.64	ppb
Molybdenum	96-1	5001.80	5199.69	4940.19	5047.23	2.69	ppb
Molybdenum	97-1	5028.45	5079.45	4955.27	5021.05	1.24	ppb
Molybdenum	98-1	5077.43	5016.38	4938.61	5010.81	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.61	505.81	508.49	507.97	0.38	ppb
Phosphorus	31-2	10202.62	10230.94	9882.30	10105.29	1.92	ppb
Potassium	39-2	25323.34	25217.05	24891.14	25143.84	0.90	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	511.05	520.70	507.94	513.23	1.30	ppb
Selenium	77-2	525.32	498.09	503.38	508.93	2.84	ppb
Selenium	78-2	522.42	497.57	505.51	508.50	2.50	ppb
Silicon	28-1	465.27	496.04	505.90	489.07	4.33	ppb
Silver	107-1	518.58	504.34	508.42	510.45	1.44	ppb
Silver	109-1	515.36	501.70	513.97	510.34	1.47	ppb
Sodium	23-2	52053.90	52248.52	51539.71	51947.38	0.70	ppb
Strontium	86-1	503.37	508.29	493.41	501.69	1.51	ppb
Strontium	88-1	503.52	511.77	493.14	502.81	1.86	ppb
Sulfur	34-1	9787.04	9766.79	10206.97	9920.27	2.50	ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	497.90	487.37	498.64	494.64	1.27	ppb
Thallium	205-1	495.06	486.35	493.48	491.63	0.94	ppb
Tin	118-1	512.52	503.33	507.66	507.84	0.91	ppb
Titanium	47-1	4873.81	4960.33	5166.73	5000.29	3.01	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:28:16 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	497.69	487.81	499.93	495.14	1.30	ppb
Vanadium	51-2	506.96	504.75	501.56	504.42	0.54	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	5083.29	5149.49	5135.96	5122.91	0.68	ppb
Zirconium	90-1	498.91	508.06	494.45	500.47	1.39	ppb
Zirconium	91-1	508.37	515.29	501.34	508.33	1.37	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:31:06 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20193.21	19954.68	20273.75	20140.55	0.82	ppb
Antimony	121-1	1010.74	983.17	997.91	997.27	1.38	ppb
Arsenic	75-2	1009.99	996.77	989.38	998.71	1.05	ppb
Barium	135-1	4910.33	5023.88	5056.39	4996.87	1.53	ppb
Barium	137-1	4971.49	4931.25	5040.90	4981.21	1.11	ppb
Beryllium	9-1	971.97	990.32	1008.59	990.29	1.85	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	988.20	992.35	997.78	992.78	0.48	ppb
Cadmium	106-1	988.38	994.77	990.73	991.30	0.33	ppb
Cadmium	111-1	992.63	984.80	996.74	991.39	0.61	ppb
Calcium	43-1	110233.88	113379.88	111888.47	111834.08	1.41	ppb
Calcium	44-1	108960.39	112269.35	111721.81	110983.85	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1008.09	982.71	990.93	993.91	1.30	ppb
Cobalt	59-2	1007.62	983.35	1004.23	998.40	1.32	ppb
Copper	63-2	10054.08	9806.37	9972.05	9944.17	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				110		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	52973.83	51981.88	52500.51	52485.41	0.95	ppb
Iron	57-2	52323.71	51678.41	52110.19	52037.44	0.63	ppb
Iron	54-2	53570.11	51853.72	52415.17	52613.00	1.66	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:31:06 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5053.53	4953.41	5078.01	5028.32	1.31	ppb
Lead	207-1	5070.36	4916.88	5107.60	5031.61	2.01	ppb
Lead	208-1	5025.21	4938.56	5090.02	5017.93	1.51	ppb
Lithium	6-1				110		%
Magnesium	24-2	101216.81	99691.27	101485.49	100797.86	0.96	ppb
Manganese	55-2	9970.56	9975.09	9996.81	9980.82	0.14	ppb
Molybdenum	94-1	9758.51	10115.53	10065.90	9979.98	1.94	ppb
Molybdenum	95-1	9713.03	10147.46	10112.51	9991.00	2.42	ppb
Molybdenum	96-1	9829.44	10148.03	9908.16	9961.88	1.67	ppb
Molybdenum	97-1	9818.71	10145.66	9969.36	9977.91	1.64	ppb
Molybdenum	98-1	9791.26	10080.53	10077.82	9983.21	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.40	985.25	989.52	993.39	1.07	ppb
Phosphorus	31-2	19998.37	19753.01	19994.23	19915.20	0.71	ppb
Potassium	39-2	50377.74	48666.58	50123.77	49722.70	1.86	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	975.73	1006.32	982.76	988.27	1.62	ppb
Selenium	77-2	985.91	1019.78	971.64	992.45	2.49	ppb
Selenium	78-2	1003.62	986.17	983.63	991.14	1.10	ppb
Silicon	28-1	979.09	1014.07	1000.03	997.73	1.76	ppb
Silver	107-1	999.07	983.09	993.28	991.82	0.82	ppb
Silver	109-1	999.88	980.49	993.30	991.22	1.00	ppb
Sodium	23-2	103199.70	101566.94	104252.79	103006.48	1.31	ppb
Strontium	86-1	980.87	1003.84	1010.01	998.24	1.54	ppb
Strontium	88-1	980.96	1003.53	1007.24	997.24	1.43	ppb
Sulfur	34-1	19382.71	20602.73	19742.23	19909.22	3.15	ppb
Terbium	159-1				104		%
Terbium	159-2				110		%
Thallium	203-1	1002.12	978.02	1037.64	1005.93	2.98	ppb
Thallium	205-1	1008.22	996.57	1015.30	1006.70	0.94	ppb
Tin	118-1	981.42	990.94	1012.43	994.93	1.60	ppb
Titanium	47-1	9827.03	10136.55	9992.69	9985.42	1.55	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:31:06 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1010.54	997.36	1007.11	1005.00	0.68	ppb
Vanadium	51-2	995.42	986.36	1008.16	996.64	1.10	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	9977.03	9788.20	9909.22	9891.48	0.97	ppb
Zirconium	90-1	975.90	1012.58	1007.00	998.50	1.98	ppb
Zirconium	91-1	980.23	1009.77	992.41	994.14	1.49	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:33:50 DataFile Name : 013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100038.11	99273.54	100586.61	99966.09	0.66	ppb
Antimony	121-1	0.33	0.46	0.50	0.43	20.37	ppb
Arsenic	75-2	0.47	0.40	0.60	0.49	21.02	ppb
Barium	135-1	1.50	2.00	2.19	1.90	18.71	ppb
Barium	137-1	1.62	2.04	2.20	1.95	15.28	ppb
Beryllium	9-1	0.13	0.08	0.09	0.10	26.07	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.24	0.29	0.31	0.28	12.28	ppb
Cadmium	106-1	0.47	0.44	0.39	0.43	8.72	ppb
Cadmium	111-1	0.16	0.17	0.19	0.17	8.14	ppb
Calcium	43-1	406582.23	534082.53	548608.28	496424.35	15.74	ppb
Calcium	44-1	415010.13	531036.38	545164.22	497070.24	14.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.53	8.27	8.21	8.34	2.02	ppb
Cobalt	59-2	2.53	2.62	2.62	2.59	1.99	ppb
Copper	63-2	2.59	2.73	2.71	2.68	2.90	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				114		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	251621.98	246512.49	249818.12	249317.53	1.04	ppb
Iron	57-2	252288.68	246539.13	248992.36	249273.39	1.16	ppb
Iron	54-2	251043.61	248751.10	247906.58	249233.77	0.65	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:33:50 DataFile Name : 013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.80	2.38	2.59	2.26	18.12	ppb
Lead	207-1	1.92	2.56	2.63	2.37	16.59	ppb
Lead	208-1	1.87	2.47	2.58	2.31	16.51	ppb
Lithium	6-1				112		%
Magnesium	24-2	503880.75	494075.35	501120.92	499692.34	1.01	ppb
Manganese	55-2	5.56	5.57	5.39	5.51	1.90	ppb
Molybdenum	94-1	1.77	2.45	2.53	2.25	18.53	ppb
Molybdenum	95-1	1.01	1.48	1.61	1.37	23.07	ppb
Molybdenum	96-1	4.34	5.78	6.10	5.41	17.37	ppb
Molybdenum	97-1	1.23	1.52	1.72	1.49	16.73	ppb
Molybdenum	98-1	1.05	1.34	1.50	1.30	17.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.98	3.82	3.74	3.85	3.16	ppb
Phosphorus	31-2	-17.89	-18.72	-15.73	-17.45		ppb
Potassium	39-2	250736.50	248083.59	251275.01	250031.70	0.68	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				114		%
Scandium	45-2				108		%
Selenium	82-1	1.10	1.18	1.98	1.42	34.23	ppb
Selenium	77-2	0.50	0.51	0.78	0.60	26.47	ppb
Selenium	78-2	-2.92	-2.01	-1.32	-2.08		ppb
Silicon	28-1	-33.97	-27.28	-10.55	-23.93		ppb
Silver	107-1	0.06	0.09	0.12	0.09	33.75	ppb
Silver	109-1	0.07	0.10	0.11	0.09	21.91	ppb
Sodium	23-2	505343.14	492396.65	499625.19	499121.66	1.30	ppb
Strontium	86-1	2.51	3.16	3.31	2.99	14.21	ppb
Strontium	88-1	2.57	3.33	3.39	3.10	14.74	ppb
Sulfur	34-1	-2796.78	-1826.30	-1450.84	-2024.64		ppb
Terbium	159-1				116		%
Terbium	159-2				110		%
Thallium	203-1	0.11	0.13	0.14	0.13	12.97	ppb
Thallium	205-1	0.10	0.12	0.13	0.11	14.94	ppb
Tin	118-1	0.12	0.17	0.18	0.16	21.39	ppb
Titanium	47-1	0.37	0.54	0.83	0.58	39.43	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:33:50 DataFile Name : 013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.05	0.06	0.05	16.73	ppb
Vanadium	51-2	0.31	0.31	0.27	0.30	8.65	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	16.20	16.94	16.20	16.45	2.60	ppb
Zirconium	90-1	0.35	0.46	0.47	0.43	15.49	ppb
Zirconium	91-1	0.33	0.43	0.48	0.41	19.28	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:58:50 DataFile Name : 015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	480.14	478.90	472.33	477.12	0.88	ppb
Antimony	121-1	198.10	210.39	208.66	205.71	3.23	ppb
Arsenic	75-2	203.56	207.64	208.29	206.50	1.24	ppb
Barium	135-1	99.56	102.79	102.35	101.56	1.72	ppb
Barium	137-1	101.05	104.08	104.16	103.10	1.72	ppb
Beryllium	9-1	109.29	101.91	101.40	104.20	4.24	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	96.32	95.33	89.64	93.76	3.85	ppb
Cadmium	106-1	91.78	96.17	96.66	94.87	2.83	ppb
Cadmium	111-1	102.34	109.24	109.25	106.94	3.73	ppb
Calcium	43-1	2243.01	2243.21	2228.90	2238.38	0.37	ppb
Calcium	44-1	2206.25	2274.36	2247.70	2242.77	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.51	101.82	102.13	102.15	0.34	ppb
Cobalt	59-2	101.67	101.39	101.42	101.49	0.15	ppb
Copper	63-2	94.09	93.50	93.48	93.69	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	2051.63	2036.96	2032.54	2040.38	0.49	ppb
Iron	57-2	2123.41	2104.64	2107.60	2111.88	0.48	ppb
Iron	54-2	2189.97	2159.31	2177.34	2175.54	0.71	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:58:50 DataFile Name : 015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	196.27	193.06	197.45	195.59	1.16	ppb
Lead	207-1	189.30	180.21	184.90	184.80	2.46	ppb
Lead	208-1	193.00	185.41	189.83	189.41	2.01	ppb
Lithium	6-1				96		%
Magnesium	24-2	1111.89	1114.83	1110.79	1112.50	0.19	ppb
Manganese	55-2	91.05	90.85	90.35	90.75	0.40	ppb
Molybdenum	94-1	0.05	0.06	0.04	0.05	13.98	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	17.59	ppb
Molybdenum	96-1	0.07	0.08	0.07	0.07	6.70	ppb
Molybdenum	97-1	0.02	0.03	0.04	0.03	25.93	ppb
Molybdenum	98-1	0.04	0.04	0.02	0.03	25.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.50	102.27	102.62	102.46	0.18	ppb
Phosphorus	31-2	-24.47	-24.27	-13.69	-20.81		ppb
Potassium	39-2	2028.80	2017.15	2021.04	2022.33	0.29	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	216.65	213.03	217.43	215.70	1.09	ppb
Selenium	77-2	200.71	225.81	220.81	215.78	6.16	ppb
Selenium	78-2	213.82	227.19	224.85	221.95	3.22	ppb
Silicon	28-1	-5.72	-7.50	-7.71	-6.98		ppb
Silver	107-1	50.06	52.80	52.60	51.82	2.95	ppb
Silver	109-1	50.40	52.79	52.06	51.75	2.37	ppb
Sodium	23-2	1960.36	1958.74	1945.57	1954.89	0.41	ppb
Strontium	86-1	0.23	0.31	0.30	0.28	15.90	ppb
Strontium	88-1	0.25	0.24	0.26	0.25	4.55	ppb
Sulfur	34-1	-1489.26	-1490.52	-1549.91	-1509.89		ppb
Terbium	159-1				106		%
Terbium	159-2				111		%
Thallium	203-1	193.67	182.35	188.49	188.17	3.01	ppb
Thallium	205-1	195.81	191.83	198.62	195.42	1.75	ppb
Tin	118-1	0.01	0.02	0.03	0.02	41.62	ppb
Titanium	47-1	0.07	-0.01	0.02	0.02	161.43	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:58:50 DataFile Name : 015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	228.00	ppb
Vanadium	51-2	99.33	98.28	99.64	99.08	0.72	ppb
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	183.39	179.78	182.54	181.90	1.04	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	19.28	ppb
Zirconium	91-1	0.05	0.05	0.04	0.05	14.03	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:17:08 DataFile Name : 019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.71	19.89	20.77	20.46	2.40	ppb
Antimony	121-1	2.07	2.06	2.18	2.10	3.10	ppb
Arsenic	75-2	1.32	1.15	0.93	1.13	17.05	ppb
Barium	135-1	9.81	10.08	10.02	9.97	1.46	ppb
Barium	137-1	9.78	10.21	9.95	9.98	2.17	ppb
Beryllium	9-1	1.16	1.15	1.24	1.18	3.96	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.79	1.24	1.34	1.12	26.35	ppb
Cadmium	106-1	-0.29	0.28	-0.55	-0.19		ppb
Cadmium	111-1	1.09	1.03	0.86	0.99	11.75	ppb
Calcium	43-1	586.34	596.45	581.88	588.22	1.27	ppb
Calcium	44-1	587.77	599.09	607.71	598.19	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	2.14	2.09	2.13	1.61	ppb
Cobalt	59-2	1.09	1.03	1.07	1.06	3.11	ppb
Copper	63-2	1.89	1.87	2.04	1.93	4.81	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				105		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	57.35	55.66	57.11	56.71	1.61	ppb
Iron	57-2	59.69	58.12	58.01	58.61	1.61	ppb
Iron	54-2	57.71	55.74	59.04	57.50	2.89	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:17:08 DataFile Name : 019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.94	0.96	0.97	0.96	1.61	ppb
Lead	207-1	0.96	1.00	1.04	1.00	3.95	ppb
Lead	208-1	0.94	0.99	1.01	0.98	3.36	ppb
Lithium	6-1				97		%
Magnesium	24-2	517.92	509.49	507.30	511.57	1.10	ppb
Manganese	55-2	1.00	1.01	0.96	0.99	2.83	ppb
Molybdenum	94-1	5.95	5.98	5.91	5.94	0.59	ppb
Molybdenum	95-1	5.21	5.05	5.06	5.11	1.72	ppb
Molybdenum	96-1	5.24	5.30	5.30	5.28	0.67	ppb
Molybdenum	97-1	5.05	5.22	5.08	5.12	1.79	ppb
Molybdenum	98-1	5.16	5.08	5.20	5.15	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.06	1.03	1.03	2.01	ppb
Phosphorus	31-2	10.79	20.78	13.39	14.98	34.59	ppb
Potassium	39-2	520.99	521.57	515.05	519.20	0.70	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	5.27	5.23	5.59	5.36	3.69	ppb
Selenium	77-2	5.78	5.16	2.59	4.51	37.47	ppb
Selenium	78-2	3.58	5.06	4.23	4.29	17.30	ppb
Silicon	28-1	-10.11	-6.29	-6.95	-7.78		ppb
Silver	107-1	1.04	1.04	1.01	1.03	1.57	ppb
Silver	109-1	1.03	1.09	1.03	1.05	3.28	ppb
Sodium	23-2	519.94	514.82	513.52	516.09	0.66	ppb
Strontium	86-1	0.99	1.01	1.11	1.04	6.41	ppb
Strontium	88-1	1.06	1.04	1.04	1.05	1.27	ppb
Sulfur	34-1	-1493.54	-1414.88	-1400.71	-1436.38		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	1.00	0.96	1.02	0.99	3.11	ppb
Thallium	205-1	0.94	0.94	1.01	0.97	3.81	ppb
Tin	118-1	5.18	5.28	5.33	5.26	1.44	ppb
Titanium	47-1	5.15	5.04	5.15	5.11	1.29	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:17:08 DataFile Name : 019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.96	0.95	0.95	1.20	ppb
Vanadium	51-2	5.18	5.13	4.96	5.09	2.25	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	4.88	5.13	4.80	4.94	3.45	ppb
Zirconium	90-1	1.01	1.04	1.03	1.02	1.45	ppb
Zirconium	91-1	1.03	0.98	0.97	0.99	3.49	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:20:36 DataFile Name : 020_ICB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	0.01	0.51	0.39	85.82	ppb
Antimony	121-1	0.01	0.00	0.00	0.01	69.78	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.01		ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.01	0.01	0.01	0.01	19.42	ppb
Beryllium	9-1	-0.02	0.01	0.02	0.00	493.01	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.14	-0.01	-0.14	-0.10		ppb
Cadmium	106-1	0.16	-1.19	-0.59	-0.54		ppb
Cadmium	111-1	0.01	-0.08	-0.03	-0.03		ppb
Calcium	43-1	-3.87	-1.93	-5.83	-3.88		ppb
Calcium	44-1	0.44	-0.09	-0.15	0.07	475.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.06	0.00	0.03	125.90	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.02	0.01	-0.03	0.00	5333.66	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				107		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	56-2	0.97	0.69	0.28	0.65	53.43	ppb
Iron	57-2	0.39	0.30	-0.80	-0.04		ppb
Iron	54-2	-0.44	2.93	1.23	1.24	135.99	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:20:36 DataFile Name : 020_ICB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.00	-0.01	0.01	219.78	ppb
Lead	207-1	0.03	0.05	0.00	0.03	90.48	ppb
Lead	208-1	0.02	0.02	0.00	0.01	65.75	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.20	0.18	-0.08	0.10	155.99	ppb
Manganese	55-2	0.02	0.05	-0.04	0.01	393.31	ppb
Molybdenum	94-1	-0.01	-0.01	0.01	0.00		ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	70.12	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	137.54	ppb
Molybdenum	97-1	0.00	0.00	0.02	0.00	239.64	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	64.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.07	0.00	-0.02		ppb
Phosphorus	31-2	-23.54	-25.03	-17.94	-22.17		ppb
Potassium	39-2	-7.33	-8.21	-9.63	-8.39		ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.03	0.92	-0.17	0.26	222.97	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.50	-1.21	0.65	-0.02		ppb
Silicon	28-1	-8.14	-7.29	-9.40	-8.28		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	159.74	ppb
Sodium	23-2	5.33	3.41	5.41	4.72	23.96	ppb
Strontium	86-1	-0.02	-0.01	-0.05	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1579.36	-1458.96	-1560.74	-1533.02		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.01	0.01	0.01	8.50	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.33	ppb
Tin	118-1	0.00	0.02	0.02	0.01	84.18	ppb
Titanium	47-1	-0.02	-0.03	-0.02	-0.02		ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:20:36 DataFile Name : 020_ICB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	0.03	-0.04	0.02	0.00		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.02	0.01	0.01	0.00	1147.87	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:24:44 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96271.90	98123.89	96567.77	96987.86	1.03	ppb
Antimony	121-1	1.34	1.33	1.30	1.32	1.37	ppb
Arsenic	75-2	0.45	0.35	0.22	0.34	34.65	ppb
Barium	135-1	1.53	1.61	1.65	1.60	3.79	ppb
Barium	137-1	1.60	1.51	1.59	1.56	3.23	ppb
Beryllium	9-1	0.26	0.34	0.29	0.30	13.06	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.14	7.00	6.73	6.96	2.96	ppb
Cadmium	106-1	-1.35	-1.19	-1.58	-1.37		ppb
Cadmium	111-1	0.14	0.22	0.21	0.19	23.05	ppb
Calcium	43-1	113327.73	111726.44	116395.00	113816.39	2.08	ppb
Calcium	44-1	111184.43	115151.77	115811.94	114049.38	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.22	21.23	21.11	21.19	0.30	ppb
Cobalt	59-2	1.32	1.29	1.26	1.29	2.11	ppb
Copper	63-2	9.92	9.81	9.73	9.82	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	109037.71	107988.02	108149.79	108391.84	0.52	ppb
Iron	57-2	107140.37	106024.81	105083.05	106082.74	0.97	ppb
Iron	54-2	107918.47	109345.52	107133.85	108132.61	1.04	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:24:44 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.22	5.19	5.14	5.19	0.79	ppb
Lead	207-1	4.52	4.36	4.38	4.42	1.96	ppb
Lead	208-1	4.79	4.75	4.61	4.72	2.02	ppb
Lithium	6-1				99		%
Magnesium	24-2	99104.03	100069.86	98849.17	99341.02	0.65	ppb
Manganese	55-2	7.37	7.53	7.56	7.49	1.33	ppb
Molybdenum	94-1	1649.19	1740.63	1656.35	1682.06	3.02	ppb
Molybdenum	95-1	2027.00	2086.31	2025.87	2046.40	1.69	ppb
Molybdenum	96-1	2033.78	2035.99	1986.76	2018.84	1.38	ppb
Molybdenum	97-1	2063.65	2081.68	2013.15	2052.83	1.73	ppb
Molybdenum	98-1	2022.00	2105.20	2032.57	2053.25	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.41	6.07	6.25	6.24	2.73	ppb
Phosphorus	31-2	104202.10	105064.96	104575.53	104614.20	0.41	ppb
Potassium	39-2	104222.79	103420.40	102595.02	103412.74	0.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	-0.08	-0.22	-0.12	-0.14		ppb
Selenium	77-2	0.26	0.77	0.00	0.34	114.22	ppb
Selenium	78-2	0.34	-3.08	-2.24	-1.66		ppb
Silicon	28-1	-9.48	-26.89	-25.67	-20.68		ppb
Silver	107-1	0.01	0.02	0.03	0.02	36.74	ppb
Silver	109-1	0.01	0.02	0.04	0.02	49.72	ppb
Sodium	23-2	106507.67	107696.17	105438.77	106547.54	1.06	ppb
Strontium	86-1	35.76	36.51	35.35	35.87	1.64	ppb
Strontium	88-1	35.80	37.23	35.92	36.32	2.19	ppb
Sulfur	34-1	106249.07	104456.63	108512.66	106406.12	1.91	ppb
Terbium	159-1				110		%
Terbium	159-2				112		%
Thallium	203-1	0.07	0.07	0.10	0.08	23.01	ppb
Thallium	205-1	0.05	0.07	0.08	0.06	22.99	ppb
Tin	118-1	0.49	0.62	0.66	0.59	14.92	ppb
Titanium	47-1	2038.45	2091.59	2105.61	2078.55	1.70	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:24:44 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.03	0.02	0.02	23.45	ppb
Vanadium	51-2	0.20	0.21	0.20	0.20	4.35	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	13.58	14.10	13.55	13.74	2.22	ppb
Zirconium	90-1	0.03	0.04	0.04	0.03	9.67	ppb
Zirconium	91-1	0.02	0.02	0.04	0.03	36.74	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:27:51 DataFile Name : 022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91384.39	89185.21	90334.80	90301.47	1.22	ppb
Antimony	121-1	20.69	20.90	20.87	20.82	0.57	ppb
Arsenic	75-2	20.42	20.24	20.56	20.41	0.79	ppb
Barium	135-1	21.23	20.29	20.57	20.70	2.32	ppb
Barium	137-1	21.24	20.91	21.12	21.09	0.81	ppb
Beryllium	9-1	21.43	21.25	21.07	21.25	0.86	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.22	26.38	25.61	26.40	3.05	ppb
Cadmium	106-1	22.19	20.81	20.88	21.29	3.64	ppb
Cadmium	111-1	19.24	19.74	19.69	19.56	1.41	ppb
Calcium	43-1	106576.65	106991.38	106544.02	106704.02	0.23	ppb
Calcium	44-1	105726.93	107974.01	107874.76	107191.90	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.39	40.50	40.50	40.46	0.16	ppb
Cobalt	59-2	21.35	21.04	21.01	21.13	0.88	ppb
Copper	63-2	28.18	27.79	27.62	27.86	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				113		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	101611.59	100197.72	100427.36	100745.55	0.75	ppb
Iron	57-2	100235.44	99305.49	98853.70	99464.88	0.71	ppb
Iron	54-2	102124.59	101851.31	101538.47	101838.12	0.29	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:27:51 DataFile Name : 022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.98	24.36	24.96	24.77	1.42	ppb
Lead	207-1	23.29	23.50	23.40	23.40	0.45	ppb
Lead	208-1	24.04	23.79	23.93	23.92	0.54	ppb
Lithium	6-1				99		%
Magnesium	24-2	92799.27	92259.72	91447.10	92168.70	0.74	ppb
Manganese	55-2	25.93	25.73	25.46	25.71	0.92	ppb
Molybdenum	94-1	1667.23	1742.25	1717.50	1708.99	2.24	ppb
Molybdenum	95-1	1937.30	1975.66	1962.67	1958.54	1.00	ppb
Molybdenum	96-1	1893.80	1975.24	1966.42	1945.15	2.30	ppb
Molybdenum	97-1	1937.93	2004.51	1975.58	1972.67	1.69	ppb
Molybdenum	98-1	1949.69	2005.91	1985.78	1980.46	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.36	25.70	25.12	25.73	2.40	ppb
Phosphorus	31-2	98451.16	97875.65	97265.97	97864.26	0.61	ppb
Potassium	39-2	98270.26	97063.60	96361.89	97231.92	0.99	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	18.90	21.09	19.58	19.86	5.63	ppb
Selenium	77-2	19.78	20.17	17.99	19.31	6.02	ppb
Selenium	78-2	18.48	20.09	19.82	19.46	4.41	ppb
Silicon	28-1	-7.23	-5.30	-5.90	-6.14		ppb
Silver	107-1	19.16	19.32	19.20	19.22	0.44	ppb
Silver	109-1	19.11	19.20	18.86	19.06	0.92	ppb
Sodium	23-2	100961.99	99727.07	100175.22	100288.09	0.62	ppb
Strontium	86-1	80.68	82.19	82.35	81.74	1.13	ppb
Strontium	88-1	80.91	83.21	83.95	82.69	1.92	ppb
Sulfur	34-1	100524.27	100805.42	104359.23	101896.31	2.10	ppb
Terbium	159-1				114		%
Terbium	159-2				114		%
Thallium	203-1	19.63	19.87	19.92	19.81	0.79	ppb
Thallium	205-1	19.52	19.57	19.43	19.51	0.37	ppb
Tin	118-1	47.45	47.68	47.69	47.61	0.28	ppb
Titanium	47-1	1971.11	1987.69	1992.12	1983.64	0.56	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:27:51 DataFile Name : 022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	47.42	47.22	48.09	47.58	0.95	ppb
Vanadium	51-2	20.31	20.12	20.02	20.15	0.71	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	31.02	31.23	30.45	30.90	1.30	ppb
Zirconium	90-1	48.43	49.29	49.67	49.13	1.30	ppb
Zirconium	91-1	48.50	50.29	50.10	49.63	1.98	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:30:55 DataFile Name : 023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49834.44	48933.01	49137.49	49301.64	0.96	ppb
Antimony	121-1	477.67	485.11	486.12	482.97	0.96	ppb
Arsenic	75-2	498.37	499.33	494.07	497.26	0.56	ppb
Barium	135-1	2386.52	2440.03	2423.75	2416.77	1.13	ppb
Barium	137-1	2462.90	2512.95	2483.08	2486.31	1.01	ppb
Beryllium	9-1	501.22	509.13	520.72	510.36	1.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	460.91	466.20	470.41	465.84	1.02	ppb
Cadmium	106-1	463.21	463.20	471.70	466.03	1.05	ppb
Cadmium	111-1	458.94	470.92	470.64	466.83	1.46	ppb
Calcium	43-1	263376.77	278568.61	272338.25	271427.88	2.81	ppb
Calcium	44-1	268346.06	273368.87	275441.69	272385.54	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.63	496.88	495.62	497.71	0.52	ppb
Cobalt	59-2	491.94	482.82	471.75	482.17	2.10	ppb
Copper	63-2	4869.39	4782.52	4720.45	4790.79	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	127075.19	125081.51	123082.95	125079.88	1.60	ppb
Iron	57-2	127935.31	123638.15	122516.80	124696.75	2.29	ppb
Iron	54-2	126734.53	123546.28	123720.38	124667.06	1.44	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:30:55 DataFile Name : 023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2503.65	2521.97	2545.62	2523.75	0.83	ppb
Lead	207-1	2465.10	2536.26	2535.02	2512.13	1.62	ppb
Lead	208-1	2489.44	2514.37	2543.82	2515.88	1.08	ppb
Lithium	6-1				101		%
Magnesium	24-2	246483.77	239377.90	240042.13	241967.93	1.62	ppb
Manganese	55-2	4929.89	4831.28	4822.72	4861.30	1.23	ppb
Molybdenum	94-1	4859.24	4948.99	4955.32	4921.18	1.09	ppb
Molybdenum	95-1	4898.41	4887.95	4994.01	4926.79	1.19	ppb
Molybdenum	96-1	4889.80	4945.69	4933.77	4923.08	0.60	ppb
Molybdenum	97-1	4775.50	4886.98	4956.84	4873.11	1.88	ppb
Molybdenum	98-1	4794.72	4907.07	4987.64	4896.48	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.37	476.53	478.97	479.62	0.72	ppb
Phosphorus	31-2	9996.50	9938.43	9922.11	9952.35	0.39	ppb
Potassium	39-2	125017.33	122524.12	123379.87	123640.44	1.02	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	469.92	473.29	482.22	475.14	1.34	ppb
Selenium	77-2	508.29	488.47	478.85	491.87	3.05	ppb
Selenium	78-2	484.07	496.58	482.22	487.63	1.60	ppb
Silicon	28-1	446.02	460.07	451.74	452.61	1.56	ppb
Silver	107-1	474.48	473.46	486.66	478.20	1.54	ppb
Silver	109-1	473.06	486.03	479.02	479.37	1.35	ppb
Sodium	23-2	250165.32	241449.96	245406.63	245673.97	1.78	ppb
Strontium	86-1	479.86	486.00	489.83	485.23	1.04	ppb
Strontium	88-1	482.36	492.52	490.97	488.62	1.12	ppb
Sulfur	34-1	7945.55	8428.76	7976.61	8116.97	3.33	ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	511.42	508.11	515.62	511.72	0.74	ppb
Thallium	205-1	499.31	501.95	509.58	503.61	1.06	ppb
Tin	118-1	481.97	479.94	492.61	484.84	1.40	ppb
Titanium	47-1	4919.34	4955.29	4930.71	4935.11	0.37	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:30:55 DataFile Name : 023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	499.27	509.56	518.93	509.25	1.93	ppb
Vanadium	51-2	508.20	496.72	495.90	500.27	1.37	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	5421.49	5298.89	5317.14	5345.84	1.24	ppb
Zirconium	90-1	487.71	488.09	504.37	493.39	1.93	ppb
Zirconium	91-1	487.06	494.64	496.97	492.89	1.05	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:33:49 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.49	0.00	-0.16	-0.22		ppb
Antimony	121-1	0.07	0.09	0.09	0.08	10.54	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00		ppb
Barium	135-1	0.02	0.00	0.01	0.01	61.56	ppb
Barium	137-1	0.04	0.03	0.01	0.03	57.36	ppb
Beryllium	9-1	0.06	0.03	0.03	0.04	43.26	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.08	-0.05	-0.08	-0.07		ppb
Cadmium	106-1	-0.30	-0.54	-1.20	-0.68		ppb
Cadmium	111-1	0.02	-0.01	-0.06	-0.02		ppb
Calcium	43-1	-0.07	-4.58	-9.39	-4.68		ppb
Calcium	44-1	6.97	3.57	4.00	4.85	38.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.03	0.02	81.83	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.64	0.58	0.61	0.61	5.19	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				109		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	56-2	1.71	1.78	1.61	1.70	5.13	ppb
Iron	57-2	-0.71	-2.92	1.74	-0.63		ppb
Iron	54-2	1.52	1.97	0.84	1.45	39.32	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:33:49 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.07	0.08	0.08	8.84	ppb
Lead	207-1	0.13	0.12	0.08	0.11	22.42	ppb
Lead	208-1	0.11	0.08	0.08	0.09	18.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	3.25	3.21	3.26	3.24	0.74	ppb
Manganese	55-2	0.14	0.16	0.13	0.14	13.26	ppb
Molybdenum	94-1	0.19	0.15	0.14	0.16	14.84	ppb
Molybdenum	95-1	0.17	0.08	0.11	0.12	36.19	ppb
Molybdenum	96-1	0.18	0.09	0.09	0.12	41.56	ppb
Molybdenum	97-1	0.16	0.10	0.10	0.12	29.20	ppb
Molybdenum	98-1	0.17	0.09	0.09	0.12	40.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.00	-0.04	-0.03		ppb
Phosphorus	31-2	-26.67	-20.78	-30.74	-26.06		ppb
Potassium	39-2	2.74	-1.87	-2.99	-0.71		ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	0.37	-0.18	1.38	0.52	151.42	ppb
Selenium	77-2	0.00	0.00	0.25	0.08	173.21	ppb
Selenium	78-2	-1.48	-1.15	-1.23	-1.29		ppb
Silicon	28-1	-28.04	-27.43	-28.45	-27.98		ppb
Silver	107-1	0.02	0.02	0.02	0.02	14.47	ppb
Silver	109-1	0.02	0.01	0.02	0.02	38.04	ppb
Sodium	23-2	18.74	18.59	18.28	18.54	1.28	ppb
Strontium	86-1	0.02	-0.04	0.03	0.00	1125.76	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	117.36	ppb
Sulfur	34-1	-2346.72	-2137.42	-2316.74	-2266.96		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.10	0.11	0.10	0.11	5.45	ppb
Thallium	205-1	0.11	0.10	0.09	0.10	8.68	ppb
Tin	118-1	0.07	0.07	0.04	0.06	25.53	ppb
Titanium	47-1	0.12	0.01	0.00	0.04	162.99	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:33:49 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.00	0.01	84.59	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	52.24	ppb
Yttrium	89-1				106		%
Yttrium	89-2				111		%
Zinc	66-2	0.15	0.25	-0.01	0.13	98.88	ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	7.81	ppb
Zirconium	91-1	0.06	0.04	0.03	0.04	29.21	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:37:07 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.36	17.92	19.29	18.52	3.76	ppb
Antimony	121-1	1.97	2.02	2.04	2.01	1.71	ppb
Arsenic	75-2	1.20	1.19	0.90	1.10	15.71	ppb
Barium	135-1	9.47	9.34	9.58	9.47	1.26	ppb
Barium	137-1	9.58	9.74	9.94	9.75	1.88	ppb
Beryllium	9-1	1.04	1.07	1.00	1.04	3.38	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.75	0.82	1.08	0.88	19.84	ppb
Cadmium	106-1	0.89	1.45	-1.24	0.37	384.47	ppb
Cadmium	111-1	0.95	0.95	0.89	0.93	3.80	ppb
Calcium	43-1	545.39	576.98	572.63	565.00	3.03	ppb
Calcium	44-1	554.01	561.81	567.36	561.06	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	2.02	2.10	2.02	3.56	ppb
Cobalt	59-2	1.01	1.01	1.06	1.03	2.51	ppb
Copper	63-2	2.37	2.35	2.47	2.40	2.72	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				109		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	56-2	55.47	53.73	54.06	54.42	1.70	ppb
Iron	57-2	53.99	53.91	54.44	54.11	0.52	ppb
Iron	54-2	54.42	56.01	56.30	55.58	1.83	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:37:07 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.02	1.01	1.00	1.01	1.09	ppb
Lead	207-1	1.02	0.93	0.99	0.98	4.74	ppb
Lead	208-1	0.99	0.96	1.00	0.98	2.23	ppb
Lithium	6-1				100		%
Magnesium	24-2	480.74	488.92	486.76	485.48	0.87	ppb
Manganese	55-2	1.08	0.99	0.97	1.01	5.81	ppb
Molybdenum	94-1	5.79	5.86	6.05	5.90	2.35	ppb
Molybdenum	95-1	4.68	4.82	5.00	4.84	3.31	ppb
Molybdenum	96-1	4.84	5.02	5.03	4.96	2.19	ppb
Molybdenum	97-1	4.65	4.95	4.99	4.86	3.88	ppb
Molybdenum	98-1	4.93	4.93	4.82	4.89	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.00	0.96	1.00	3.18	ppb
Phosphorus	31-2	-3.81	-0.28	-2.28	-2.12		ppb
Potassium	39-2	483.11	489.02	492.01	488.05	0.93	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	5.25	5.42	4.64	5.10	7.99	ppb
Selenium	77-2	4.31	7.40	4.61	5.44	31.33	ppb
Selenium	78-2	6.10	3.42	3.19	4.24	38.22	ppb
Silicon	28-1	-28.56	-28.87	-27.86	-28.43		ppb
Silver	107-1	0.99	1.00	0.92	0.97	4.57	ppb
Silver	109-1	1.02	0.97	0.97	0.98	2.79	ppb
Sodium	23-2	487.69	505.08	502.40	498.39	1.88	ppb
Strontium	86-1	0.94	1.01	0.93	0.96	4.26	ppb
Strontium	88-1	1.01	1.03	1.01	1.02	0.89	ppb
Sulfur	34-1	-2052.72	-2086.09	-1875.95	-2004.92		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	1.00	1.00	1.00	1.00	0.38	ppb
Thallium	205-1	0.98	0.97	1.00	0.98	1.78	ppb
Tin	118-1	5.00	5.07	4.94	5.00	1.31	ppb
Titanium	47-1	4.78	4.87	4.91	4.85	1.32	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:37:07 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.90	0.90	0.89	0.78	ppb
Vanadium	51-2	4.94	4.89	4.86	4.89	0.84	ppb
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	4.62	4.59	5.19	4.80	7.04	ppb
Zirconium	90-1	0.96	1.00	0.98	0.98	2.07	ppb
Zirconium	91-1	1.01	0.93	0.91	0.95	5.42	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : PB167465BL Instrumnet Name : P7
Client Sample ID : PB167465BL Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:40:29 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.29	-1.32	-1.39	-1.33		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	59.57	ppb
Arsenic	75-2	0.02	-0.01	0.00	0.00	391.29	ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.01	0.00	0.00	0.01	86.52	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	42.11	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.08	-0.05	-0.08	-0.07		ppb
Cadmium	106-1	-0.59	0.32	-0.30	-0.19		ppb
Cadmium	111-1	-0.03	0.02	-0.02	-0.01		ppb
Calcium	43-1	-2.34	7.11	1.35	2.04	233.58	ppb
Calcium	44-1	1.16	5.34	2.47	2.99	71.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.09	-0.08	-0.08		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.31	0.26	0.30	0.29	9.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	0.07	-0.21	0.04	-0.03		ppb
Iron	57-2	-6.95	-1.99	-2.72	-3.89		ppb
Iron	54-2	1.21	-0.07	1.08	0.74	94.76	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : PB167465BL Instrumnet Name : P7
Client Sample ID : PB167465BL Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:40:29 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	0.01	-0.01	0.00		ppb
Lead	207-1	0.00	0.03	0.04	0.03	75.42	ppb
Lead	208-1	0.00	0.01	0.02	0.01	91.19	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.62	0.78	0.90	0.77	18.14	ppb
Manganese	55-2	-0.52	-0.48	-0.49	-0.50		ppb
Molybdenum	94-1	0.01	0.01	0.01	0.01	24.34	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.02	30.29	ppb
Molybdenum	96-1	0.02	0.01	0.00	0.01	78.09	ppb
Molybdenum	97-1	0.03	0.01	0.01	0.02	73.96	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	22.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.07	-0.09	-0.07		ppb
Phosphorus	31-2	-31.97	-17.47	-21.63	-23.69		ppb
Potassium	39-2	-14.62	-10.96	-11.95	-12.51		ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.22	-0.10	0.06	0.06	266.79	ppb
Selenium	77-2	0.26	0.00	0.00	0.09	173.21	ppb
Selenium	78-2	3.06	-1.02	-0.34	0.56	386.50	ppb
Silicon	28-1	-30.25	-28.79	-29.21	-29.42		ppb
Silver	107-1	0.00	0.00	0.01	0.01	34.84	ppb
Silver	109-1	0.00	0.00	0.01	0.00	44.05	ppb
Sodium	23-2	10.50	10.87	10.52	10.63	1.97	ppb
Strontium	86-1	-0.07	-0.05	0.00	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	99.69	ppb
Sulfur	34-1	-2179.89	-1941.63	-1898.82	-2006.78		ppb
Terbium	159-1				110		%
Terbium	159-2				112		%
Thallium	203-1	0.07	0.08	0.06	0.07	10.00	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	4.58	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	1153.65	ppb
Titanium	47-1	0.03	0.01	0.03	0.02	51.06	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : PB167465BL Instrumnet Name : P7
Client Sample ID : PB167465BL Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:40:29 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	108.49	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	129.53	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	-0.17	-0.13	0.03	-0.09		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	57.51	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00		ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : PB167465BS Instrumnet Name : P7
Client Sample ID : PB167465BS Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:43:55 DataFile Name : 027LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10065.44	10173.60	9962.83	10067.29	1.05	ppb
Antimony	121-1	509.08	508.58	503.26	506.97	0.64	ppb
Arsenic	75-2	510.53	512.14	508.86	510.51	0.32	ppb
Barium	135-1	2521.85	2513.27	2528.01	2521.04	0.29	ppb
Barium	137-1	2599.95	2525.70	2584.50	2570.05	1.52	ppb
Beryllium	9-1	504.59	512.31	516.47	511.12	1.18	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	511.39	497.19	510.43	506.34	1.57	ppb
Cadmium	106-1	504.37	501.07	507.30	504.25	0.62	ppb
Cadmium	111-1	512.21	505.70	509.46	509.12	0.64	ppb
Calcium	43-1	59679.46	59183.59	58424.35	59095.80	1.07	ppb
Calcium	44-1	56532.15	55723.91	54994.37	55750.14	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.81	510.21	511.93	510.65	0.22	ppb
Cobalt	59-2	507.18	501.36	507.55	505.36	0.69	ppb
Copper	63-2	5101.66	5090.31	5184.80	5125.59	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	26646.73	26346.37	26334.63	26442.58	0.67	ppb
Iron	57-2	27219.05	27334.76	27567.14	27373.65	0.65	ppb
Iron	54-2	26379.04	26596.39	27207.99	26727.81	1.61	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : PB167465BS Instrumnet Name : P7
Client Sample ID : PB167465BS Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:43:55 DataFile Name : 027LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2494.47	2537.32	2526.39	2519.40	0.88	ppb
Lead	207-1	2510.61	2541.36	2482.23	2511.40	1.18	ppb
Lead	208-1	2505.59	2563.93	2502.72	2524.08	1.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	51013.59	50693.81	51391.52	51032.97	0.68	ppb
Manganese	55-2	4958.87	4995.54	5069.93	5008.11	1.13	ppb
Molybdenum	94-1	4966.25	5110.07	5026.67	5034.33	1.43	ppb
Molybdenum	95-1	4952.34	5108.71	4979.30	5013.45	1.67	ppb
Molybdenum	96-1	5003.37	5159.94	5086.44	5083.25	1.54	ppb
Molybdenum	97-1	4995.84	5034.62	4924.71	4985.06	1.12	ppb
Molybdenum	98-1	5005.66	5096.73	4969.64	5024.01	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.10	506.87	508.58	507.85	0.17	ppb
Phosphorus	31-2	10169.53	10067.64	10186.84	10141.34	0.64	ppb
Potassium	39-2	25567.95	25276.74	25427.24	25423.98	0.57	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	499.74	515.08	510.27	508.36	1.54	ppb
Selenium	77-2	527.13	512.96	507.25	515.78	1.98	ppb
Selenium	78-2	508.09	506.62	523.41	512.71	1.81	ppb
Silicon	28-1	521.37	513.22	511.92	515.51	0.99	ppb
Silver	107-1	502.51	502.18	514.03	506.24	1.33	ppb
Silver	109-1	524.80	512.21	522.90	519.97	1.30	ppb
Sodium	23-2	52276.40	52051.51	52583.97	52303.96	0.51	ppb
Strontium	86-1	498.70	504.46	499.57	500.91	0.62	ppb
Strontium	88-1	502.83	506.71	508.05	505.87	0.54	ppb
Sulfur	34-1	8670.32	8510.06	8098.38	8426.26	3.50	ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	500.34	522.77	507.66	510.25	2.24	ppb
Thallium	205-1	505.34	508.80	502.58	505.57	0.62	ppb
Tin	118-1	507.36	504.13	513.28	508.26	0.91	ppb
Titanium	47-1	5082.54	5108.24	5008.37	5066.38	1.02	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : PB167465BS Instrumnet Name : P7
Client Sample ID : PB167465BS Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:43:55 DataFile Name : 027LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	492.56	506.76	489.85	496.39	1.83	ppb
Vanadium	51-2	506.78	509.30	512.15	509.41	0.53	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	5150.61	5109.67	5159.83	5140.04	0.52	ppb
Zirconium	90-1	495.82	503.16	494.65	497.88	0.93	ppb
Zirconium	91-1	498.37	508.28	500.09	502.25	1.05	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:46:45 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1470.16	1464.85	1472.48	1469.16	0.27	ppb
Antimony	121-1	1.65	1.66	1.70	1.67	1.73	ppb
Arsenic	75-2	0.71	0.85	0.97	0.85	15.73	ppb
Barium	135-1	117.35	116.56	118.02	117.31	0.62	ppb
Barium	137-1	118.61	118.43	120.15	119.06	0.79	ppb
Beryllium	9-1	0.04	0.01	0.00	0.02	131.66	ppb
Bismuth	209-1				121		%
Bismuth	209-2				118		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.22	0.09	0.14	51.62	ppb
Cadmium	106-1	-0.32	-1.07	-1.13	-0.84		ppb
Cadmium	111-1	0.01	-0.05	-0.05	-0.03		ppb
Calcium	43-1	100775.97	103576.79	104566.47	102973.08	1.91	ppb
Calcium	44-1	101927.21	102814.14	103345.01	102695.46	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.57	0.60	0.57	0.58	2.52	ppb
Cobalt	59-2	0.17	0.16	0.17	0.17	5.10	ppb
Copper	63-2	0.29	0.27	0.24	0.27	9.47	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				122		%
Holmium	165-2				120		%
Indium	115-1				121		%
Indium	115-2				119		%
Iron	56-2	62.89	62.15	62.49	62.51	0.59	ppb
Iron	57-2	549.27	565.72	564.00	559.66	1.62	ppb
Iron	54-2	60.28	61.95	60.72	60.98	1.41	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:46:45 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.11	0.06	0.04	0.07	48.60	ppb
Lead	207-1	0.08	0.08	0.08	0.08	4.03	ppb
Lead	208-1	0.09	0.07	0.06	0.08	19.97	ppb
Lithium	6-1				112		%
Magnesium	24-2	315.64	317.17	313.03	315.28	0.67	ppb
Manganese	55-2	4.24	4.08	4.25	4.19	2.17	ppb
Molybdenum	94-1	63.28	64.13	64.21	63.88	0.81	ppb
Molybdenum	95-1	78.04	77.70	78.28	78.01	0.38	ppb
Molybdenum	96-1	76.40	75.80	76.73	76.31	0.61	ppb
Molybdenum	97-1	78.89	78.31	79.95	79.05	1.05	ppb
Molybdenum	98-1	79.01	77.50	78.75	78.42	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.88	10.28	10.16	10.11	2.00	ppb
Phosphorus	31-2	9.31	-6.83	3.97	2.15	382.71	ppb
Potassium	39-2	22998.79	23087.64	22861.25	22982.56	0.50	ppb
Rhodium	103-1				118		%
Rhodium	103-2				121		%
Scandium	45-1				118		%
Scandium	45-2				118		%
Selenium	82-1	1.20	0.88	1.75	1.28	34.60	ppb
Selenium	77-2	1.61	0.23	0.23	0.69	115.40	ppb
Selenium	78-2	-0.35	-1.02	-1.87	-1.08		ppb
Silicon	28-1	480.25	486.09	492.71	486.35	1.28	ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.85	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.01	ppb
Sodium	23-2	19972.57	19994.43	20050.94	20005.98	0.20	ppb
Strontium	86-1	551.39	547.44	552.33	550.39	0.47	ppb
Strontium	88-1	567.26	551.00	555.20	557.82	1.51	ppb
Sulfur	34-1	1164.75	1094.52	1475.74	1245.00	16.30	ppb
Terbium	159-1				124		%
Terbium	159-2				122		%
Thallium	203-1	0.08	0.07	0.05	0.07	18.82	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	6.61	ppb
Tin	118-1	0.26	0.25	0.26	0.26	2.46	ppb
Titanium	47-1	0.36	0.22	0.34	0.30	25.91	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:46:45 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	9.13	ppb
Vanadium	51-2	3.79	3.69	3.63	3.71	2.19	ppb
Yttrium	89-1				120		%
Yttrium	89-2				121		%
Zinc	66-2	0.68	0.61	0.46	0.58	19.62	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	8.36	ppb
Zirconium	91-1	0.04	0.02	0.03	0.03	34.71	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01DUP Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225DUP Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:49:57 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1464.84	1451.31	1478.03	1464.73	0.91	ppb
Antimony	121-1	1.65	1.68	1.68	1.67	1.06	ppb
Arsenic	75-2	0.91	0.95	0.95	0.93	2.57	ppb
Barium	135-1	118.26	119.85	117.67	118.59	0.96	ppb
Barium	137-1	119.26	121.76	119.77	120.26	1.10	ppb
Beryllium	9-1	0.00	0.01	0.04	0.02	103.92	ppb
Bismuth	209-1				121		%
Bismuth	209-2				117		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.25	0.22	0.14	0.20	28.19	ppb
Cadmium	106-1	0.06	-0.30	-0.20	-0.15		ppb
Cadmium	111-1	0.03	-0.01	0.00	0.00	355.54	ppb
Calcium	43-1	100481.33	103348.27	103498.74	102442.78	1.66	ppb
Calcium	44-1	100952.35	101533.77	101583.20	101356.44	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.40	0.44	0.40	11.09	ppb
Cobalt	59-2	0.11	0.11	0.11	0.11	0.20	ppb
Copper	63-2	0.19	0.21	0.24	0.21	10.67	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				124		%
Holmium	165-2				120		%
Indium	115-1				123		%
Indium	115-2				122		%
Iron	56-2	61.34	61.60	60.85	61.26	0.62	ppb
Iron	57-2	550.10	558.02	543.25	550.46	1.34	ppb
Iron	54-2	57.03	57.83	56.58	57.15	1.11	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01DUP Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225DUP Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:49:57 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.04	0.05	0.03	59.06	ppb
Lead	207-1	0.06	0.06	0.06	0.06	1.64	ppb
Lead	208-1	0.04	0.05	0.05	0.04	10.55	ppb
Lithium	6-1				105		%
Magnesium	24-2	320.90	315.14	314.41	316.82	1.12	ppb
Manganese	55-2	5.41	5.28	5.24	5.31	1.70	ppb
Molybdenum	94-1	63.29	62.56	63.65	63.17	0.88	ppb
Molybdenum	95-1	77.82	76.72	77.65	77.40	0.77	ppb
Molybdenum	96-1	76.05	74.99	75.99	75.68	0.79	ppb
Molybdenum	97-1	77.85	76.59	78.81	77.75	1.43	ppb
Molybdenum	98-1	77.50	77.69	77.85	77.68	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.97	9.40	9.03	9.13	2.56	ppb
Phosphorus	31-2	10.59	13.78	14.78	13.05	16.78	ppb
Potassium	39-2	22988.59	22812.86	23297.01	23032.82	1.06	ppb
Rhodium	103-1				121		%
Rhodium	103-2				122		%
Scandium	45-1				119		%
Scandium	45-2				122		%
Selenium	82-1	1.05	1.24	1.27	1.19	10.02	ppb
Selenium	77-2	1.13	0.90	0.45	0.83	41.74	ppb
Selenium	78-2	-1.57	-0.80	-0.67	-1.01		ppb
Silicon	28-1	474.81	494.53	490.06	486.46	2.12	ppb
Silver	107-1	0.00	0.00	0.00	0.00	100.22	ppb
Silver	109-1	0.00	0.01	0.01	0.00	23.49	ppb
Sodium	23-2	19744.49	19876.68	19896.37	19839.18	0.42	ppb
Strontium	86-1	549.31	545.13	554.43	549.62	0.85	ppb
Strontium	88-1	562.36	557.84	561.64	560.62	0.43	ppb
Sulfur	34-1	1460.51	1784.77	1967.56	1737.61	14.78	ppb
Terbium	159-1				125		%
Terbium	159-2				122		%
Thallium	203-1	0.05	0.06	0.05	0.05	8.49	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	4.04	ppb
Tin	118-1	0.24	0.22	0.23	0.23	3.91	ppb
Titanium	47-1	0.27	0.31	0.31	0.30	7.49	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01DUP Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225DUP Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:49:57 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.01	0.01	0.01	20.52	ppb
Vanadium	51-2	3.69	3.66	3.77	3.71	1.52	ppb
Yttrium	89-1				123		%
Yttrium	89-2				124		%
Zinc	66-2	0.60	0.42	0.29	0.44	35.35	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	10.26	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	110.92	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01LX5 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225L Dilution Factor : 5
Date & Time Acquired : 2025-04-04 15:53:13 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	300.08	302.41	304.61	302.37	0.75	ppb
Antimony	121-1	0.35	0.34	0.35	0.35	1.38	ppb
Arsenic	75-2	0.18	0.16	0.20	0.18	12.02	ppb
Barium	135-1	24.32	24.74	23.28	24.11	3.13	ppb
Barium	137-1	24.24	24.61	24.23	24.36	0.88	ppb
Beryllium	9-1	0.04	-0.01	0.02	0.02	160.14	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.08	0.04	0.01	-0.01		ppb
Cadmium	106-1	0.59	-1.07	-0.46	-0.31		ppb
Cadmium	111-1	0.05	-0.07	-0.03	-0.02		ppb
Calcium	43-1	21979.72	21733.89	22141.39	21951.67	0.93	ppb
Calcium	44-1	20491.98	20437.26	21006.93	20645.39	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.17	0.11	0.13	23.31	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	78.30	ppb
Copper	63-2	0.28	0.26	0.25	0.26	5.10	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				112		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				113		%
Iron	56-2	13.89	13.69	13.87	13.82	0.79	ppb
Iron	57-2	112.29	117.21	118.49	116.00	2.82	ppb
Iron	54-2	11.42	11.23	13.56	12.07	10.71	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01LX5 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225L Dilution Factor : 5
Date & Time Acquired : 2025-04-04 15:53:13 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.00	-0.02	0.00		ppb
Lead	207-1	0.03	0.01	0.03	0.02	37.18	ppb
Lead	208-1	0.01	0.01	0.01	0.01	51.46	ppb
Lithium	6-1				95		%
Magnesium	24-2	64.43	64.05	65.34	64.60	1.03	ppb
Manganese	55-2	0.90	0.94	1.01	0.95	6.12	ppb
Molybdenum	94-1	12.56	13.00	13.16	12.91	2.42	ppb
Molybdenum	95-1	15.71	15.46	15.90	15.69	1.43	ppb
Molybdenum	96-1	15.16	15.33	15.72	15.41	1.86	ppb
Molybdenum	97-1	15.62	15.39	16.00	15.67	1.97	ppb
Molybdenum	98-1	15.60	15.42	15.60	15.54	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	2.28	2.05	2.14	5.73	ppb
Phosphorus	31-2	-21.20	-28.15	-22.80	-24.05		ppb
Potassium	39-2	4639.19	4678.06	4647.53	4654.93	0.44	ppb
Rhodium	103-1				113		%
Rhodium	103-2				114		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	0.29	-0.74	0.01	-0.15		ppb
Selenium	77-2	0.00	0.48	0.00	0.16	173.21	ppb
Selenium	78-2	0.09	1.04	0.29	0.47	105.95	ppb
Silicon	28-1	91.69	88.28	91.76	90.58	2.19	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	12.31	ppb
Sodium	23-2	3998.17	4043.53	4023.02	4021.57	0.56	ppb
Strontium	86-1	109.99	111.12	111.92	111.01	0.87	ppb
Strontium	88-1	111.37	113.10	110.69	111.72	1.11	ppb
Sulfur	34-1	-1080.00	-1271.94	-1058.25	-1136.73		ppb
Terbium	159-1				115		%
Terbium	159-2				113		%
Thallium	203-1	0.03	0.03	0.03	0.03	11.56	ppb
Thallium	205-1	0.02	0.02	0.03	0.03	14.20	ppb
Tin	118-1	0.06	0.05	0.05	0.05	16.64	ppb
Titanium	47-1	0.08	0.04	0.07	0.06	35.40	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01LX5 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225L Dilution Factor : 5
Date & Time Acquired : 2025-04-04 15:53:13 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	32.55	ppb
Vanadium	51-2	0.75	0.77	0.82	0.78	4.52	ppb
Yttrium	89-1				115		%
Yttrium	89-2				116		%
Zinc	66-2	0.31	0.34	0.36	0.34	8.64	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	27.86	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	74.55	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-02 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225MS Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:56:27 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10143.88	9897.77	9870.65	9970.77	1.51	ppb
Antimony	121-1	469.06	478.38	475.12	474.19	1.00	ppb
Arsenic	75-2	0.86	0.89	1.03	0.93	10.15	ppb
Barium	135-1	2196.98	2273.93	2244.54	2238.48	1.73	ppb
Barium	137-1	2204.37	2280.70	2238.07	2241.05	1.71	ppb
Beryllium	9-1	494.08	494.47	484.10	490.88	1.20	ppb
Bismuth	209-1				122		%
Bismuth	209-2				116		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	439.21	459.88	452.07	450.39	2.32	ppb
Cadmium	106-1	454.44	465.60	466.27	462.11	1.44	ppb
Cadmium	111-1	454.81	469.34	459.58	461.24	1.61	ppb
Calcium	43-1	148048.41	144609.23	146142.77	146266.80	1.18	ppb
Calcium	44-1	145098.26	144626.79	142540.43	144088.50	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	461.23	452.94	454.95	456.38	0.95	ppb
Cobalt	59-2	469.83	463.03	457.00	463.29	1.38	ppb
Copper	63-2	4241.99	4173.11	4177.00	4197.37	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				120		%
Indium	115-1				123		%
Indium	115-2				119		%
Iron	56-2	22283.75	21972.27	21578.02	21944.68	1.61	ppb
Iron	57-2	23127.37	22866.92	22936.90	22977.06	0.59	ppb
Iron	54-2	22001.47	22092.45	22008.88	22034.26	0.23	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-02 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225MS Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:56:27 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2330.06	2310.92	2395.55	2345.51	1.89	ppb
Lead	207-1	2302.11	2314.54	2373.35	2330.00	1.63	ppb
Lead	208-1	2327.00	2320.07	2358.21	2335.09	0.87	ppb
Lithium	6-1				107		%
Magnesium	24-2	47005.80	46127.20	46795.39	46642.79	0.98	ppb
Manganese	55-2	4209.87	4212.82	4145.26	4189.32	0.91	ppb
Molybdenum	94-1	2294.55	2299.36	2246.33	2280.08	1.29	ppb
Molybdenum	95-1	1730.78	1772.23	1754.03	1752.35	1.19	ppb
Molybdenum	96-1	1814.50	1819.21	1812.77	1815.49	0.18	ppb
Molybdenum	97-1	1771.80	1743.62	1764.82	1760.08	0.83	ppb
Molybdenum	98-1	1775.06	1779.26	1752.79	1769.03	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.21	462.66	464.56	463.48	0.21	ppb
Phosphorus	31-2	9.97	7.68	3.58	7.08	45.74	ppb
Potassium	39-2	40977.42	40682.80	40655.80	40772.01	0.44	ppb
Rhodium	103-1				120		%
Rhodium	103-2				118		%
Scandium	45-1				120		%
Scandium	45-2				120		%
Selenium	82-1	477.60	483.62	481.62	480.94	0.64	ppb
Selenium	77-2	514.67	461.68	491.30	489.21	5.43	ppb
Selenium	78-2	498.40	481.76	488.62	489.59	1.71	ppb
Silicon	28-1	443.17	434.69	436.66	438.17	1.01	ppb
Silver	107-1	78.84	80.40	79.52	79.59	0.98	ppb
Silver	109-1	77.71	80.06	78.43	78.73	1.53	ppb
Sodium	23-2	64143.23	64953.91	64357.86	64485.00	0.65	ppb
Strontium	86-1	1024.62	1033.49	1042.05	1033.39	0.84	ppb
Strontium	88-1	1050.29	1039.77	1037.65	1042.57	0.65	ppb
Sulfur	34-1	2029.82	2006.15	2182.79	2072.92	4.63	ppb
Terbium	159-1				126		%
Terbium	159-2				123		%
Thallium	203-1	456.52	470.43	473.77	466.91	1.96	ppb
Thallium	205-1	456.19	459.40	469.42	461.67	1.49	ppb
Tin	118-1	422.64	434.36	435.21	430.74	1.63	ppb
Titanium	47-1	1.86	1.79	1.95	1.87	4.34	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-02 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225MS Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:56:27 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	458.94	457.81	461.44	459.40	0.40	ppb
Vanadium	51-2	479.03	475.38	478.75	477.72	0.43	ppb
Yttrium	89-1				125		%
Yttrium	89-2				123		%
Zinc	66-2	4267.30	4229.34	4110.50	4202.38	1.95	ppb
Zirconium	90-1	459.31	458.28	458.11	458.57	0.14	ppb
Zirconium	91-1	460.96	461.48	462.06	461.50	0.12	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-03 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225MSD Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:59:19 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10130.77	10312.10	10133.80	10192.22	1.02	ppb
Antimony	121-1	489.00	488.27	489.11	488.79	0.09	ppb
Arsenic	75-2	0.81	1.07	1.16	1.01	18.28	ppb
Barium	135-1	2281.98	2248.39	2223.05	2251.14	1.31	ppb
Barium	137-1	2297.07	2288.12	2265.06	2283.42	0.72	ppb
Beryllium	9-1	493.75	493.01	496.92	494.56	0.42	ppb
Bismuth	209-1				122		%
Bismuth	209-2				116		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	451.87	467.83	460.38	460.03	1.74	ppb
Cadmium	106-1	476.96	469.96	466.09	471.00	1.17	ppb
Cadmium	111-1	473.32	470.75	473.03	472.37	0.30	ppb
Calcium	43-1	140594.28	148233.96	145315.89	144714.71	2.66	ppb
Calcium	44-1	142837.55	142831.35	144957.49	143542.13	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	467.78	463.39	463.48	464.88	0.54	ppb
Cobalt	59-2	467.83	460.37	465.63	464.61	0.82	ppb
Copper	63-2	4309.19	4300.83	4264.72	4291.58	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				123		%
Holmium	165-2				120		%
Indium	115-1				120		%
Indium	115-2				119		%
Iron	56-2	22285.84	22557.90	22298.27	22380.67	0.69	ppb
Iron	57-2	23481.69	23341.71	23386.55	23403.32	0.31	ppb
Iron	54-2	22438.82	22117.36	22165.45	22240.54	0.78	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-03 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225MSD Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:59:19 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2418.98	2424.14	2370.90	2404.67	1.22	ppb
Lead	207-1	2402.16	2413.83	2386.69	2400.89	0.57	ppb
Lead	208-1	2413.64	2405.05	2390.52	2403.07	0.49	ppb
Lithium	6-1				107		%
Magnesium	24-2	47384.82	46393.81	46517.92	46765.52	1.15	ppb
Manganese	55-2	4306.19	4254.82	4240.01	4267.01	0.81	ppb
Molybdenum	94-1	2310.19	2318.23	2330.20	2319.54	0.43	ppb
Molybdenum	95-1	1767.24	1751.46	1768.93	1762.54	0.55	ppb
Molybdenum	96-1	1810.76	1836.87	1829.41	1825.68	0.74	ppb
Molybdenum	97-1	1759.06	1797.87	1773.82	1776.92	1.10	ppb
Molybdenum	98-1	1797.96	1803.00	1791.95	1797.64	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.95	471.52	471.44	472.30	0.30	ppb
Phosphorus	31-2	0.98	-1.96	2.32	0.45	490.75	ppb
Potassium	39-2	41911.97	41587.86	42372.73	41957.52	0.94	ppb
Rhodium	103-1				120		%
Rhodium	103-2				120		%
Scandium	45-1				120		%
Scandium	45-2				120		%
Selenium	82-1	487.90	492.68	489.85	490.14	0.49	ppb
Selenium	77-2	519.10	470.68	500.11	496.63	4.91	ppb
Selenium	78-2	485.30	483.78	491.67	486.92	0.86	ppb
Silicon	28-1	422.06	445.33	454.75	440.71	3.82	ppb
Silver	107-1	81.46	80.65	81.13	81.08	0.50	ppb
Silver	109-1	79.98	80.57	79.96	80.17	0.44	ppb
Sodium	23-2	65049.89	63948.22	63930.23	64309.45	1.00	ppb
Strontium	86-1	1027.76	1047.54	1046.06	1040.45	1.06	ppb
Strontium	88-1	1061.46	1070.92	1084.57	1072.31	1.08	ppb
Sulfur	34-1	1658.39	1809.11	1801.94	1756.48	4.84	ppb
Terbium	159-1				125		%
Terbium	159-2				121		%
Thallium	203-1	477.64	478.74	463.59	473.32	1.78	ppb
Thallium	205-1	465.85	474.71	459.85	466.80	1.60	ppb
Tin	118-1	446.24	442.62	441.66	443.51	0.54	ppb
Titanium	47-1	1.77	1.92	1.63	1.77	8.15	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-03 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225MSD Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:59:19 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	466.62	462.61	469.84	466.35	0.78	ppb
Vanadium	51-2	490.43	483.93	486.99	487.12	0.67	ppb
Yttrium	89-1				124		%
Yttrium	89-2				123		%
Zinc	66-2	4363.96	4303.64	4299.27	4322.29	0.84	ppb
Zirconium	90-1	463.00	470.72	468.17	467.30	0.84	ppb
Zirconium	91-1	466.18	473.88	469.06	469.71	0.83	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01A Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225A Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:02:08 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10035.80	10394.76	10251.86	10227.47	1.77	ppb
Antimony	121-1	480.22	478.95	482.47	480.55	0.37	ppb
Arsenic	75-2	1.04	1.00	1.27	1.10	13.16	ppb
Barium	135-1	2263.52	2211.88	2230.64	2235.34	1.17	ppb
Barium	137-1	2299.84	2236.08	2271.01	2268.98	1.41	ppb
Beryllium	9-1	501.21	504.69	505.49	503.80	0.45	ppb
Bismuth	209-1				123		%
Bismuth	209-2				117		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	444.06	444.13	447.92	445.37	0.50	ppb
Cadmium	106-1	464.95	464.60	467.37	465.64	0.32	ppb
Cadmium	111-1	464.86	462.73	465.02	464.21	0.28	ppb
Calcium	43-1	141055.14	142501.82	148297.05	143951.34	2.66	ppb
Calcium	44-1	141952.80	144612.67	143366.72	143310.73	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	463.36	462.45	463.34	463.05	0.11	ppb
Cobalt	59-2	472.66	465.71	464.15	467.51	0.97	ppb
Copper	63-2	4327.80	4316.00	4200.60	4281.47	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				122		%
Indium	115-1				121		%
Indium	115-2				118		%
Iron	56-2	22195.12	22072.41	21922.23	22063.25	0.62	ppb
Iron	57-2	23339.55	23356.15	23092.66	23262.79	0.63	ppb
Iron	54-2	22453.52	22319.14	22483.72	22418.79	0.39	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01A Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225A Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:02:08 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2379.70	2416.46	2393.46	2396.54	0.78	ppb
Lead	207-1	2387.67	2419.68	2392.77	2400.04	0.72	ppb
Lead	208-1	2377.69	2406.30	2412.05	2398.68	0.77	ppb
Lithium	6-1				104		%
Magnesium	24-2	46961.70	46797.88	46882.20	46880.59	0.17	ppb
Manganese	55-2	4260.85	4265.69	4239.26	4255.27	0.33	ppb
Molybdenum	94-1	2343.48	2339.22	2362.41	2348.37	0.53	ppb
Molybdenum	95-1	1780.08	1781.68	1811.45	1791.07	0.99	ppb
Molybdenum	96-1	1834.23	1851.76	1853.36	1846.45	0.57	ppb
Molybdenum	97-1	1805.63	1788.57	1804.59	1799.59	0.53	ppb
Molybdenum	98-1	1799.82	1794.43	1812.68	1802.31	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.69	469.95	466.50	469.04	0.48	ppb
Phosphorus	31-2	-1.28	7.66	-1.66	1.57	335.47	ppb
Potassium	39-2	41443.72	41449.87	41655.75	41516.44	0.29	ppb
Rhodium	103-1				121		%
Rhodium	103-2				120		%
Scandium	45-1				118		%
Scandium	45-2				120		%
Selenium	82-1	488.03	488.89	498.66	491.86	1.20	ppb
Selenium	77-2	475.29	498.50	510.06	494.62	3.58	ppb
Selenium	78-2	486.23	499.06	510.78	498.69	2.46	ppb
Silicon	28-1	418.02	427.61	442.39	429.34	2.86	ppb
Silver	107-1	80.15	79.63	79.81	79.86	0.33	ppb
Silver	109-1	78.71	78.36	78.85	78.64	0.32	ppb
Sodium	23-2	64207.49	64570.10	64943.75	64573.78	0.57	ppb
Strontium	86-1	1052.73	1044.63	1079.65	1059.00	1.73	ppb
Strontium	88-1	1063.66	1050.86	1054.82	1056.44	0.62	ppb
Sulfur	34-1	1569.39	1642.10	1810.17	1673.88	7.38	ppb
Terbium	159-1				128		%
Terbium	159-2				122		%
Thallium	203-1	470.98	479.97	479.67	476.88	1.07	ppb
Thallium	205-1	466.74	469.08	470.34	468.72	0.39	ppb
Tin	118-1	430.66	431.09	435.80	432.52	0.66	ppb
Titanium	47-1	1.58	1.80	1.88	1.75	8.76	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01A Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225A Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:02:08 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	459.63	463.69	463.80	462.37	0.51	ppb
Vanadium	51-2	485.95	481.30	485.36	484.20	0.52	ppb
Yttrium	89-1				123		%
Yttrium	89-2				122		%
Zinc	66-2	4309.56	4333.88	4398.81	4347.42	1.06	ppb
Zirconium	90-1	469.40	472.91	468.04	470.12	0.54	ppb
Zirconium	91-1	469.56	468.35	474.95	470.95	0.75	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:10:17 DataFile Name : 035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49661.02	49859.11	48341.71	49287.28	1.67	ppb
Antimony	121-1	488.73	499.88	502.69	497.10	1.49	ppb
Arsenic	75-2	496.69	491.89	496.51	495.03	0.55	ppb
Barium	135-1	2435.08	2503.28	2495.51	2477.96	1.51	ppb
Barium	137-1	2389.12	2514.10	2465.32	2456.18	2.56	ppb
Beryllium	9-1	513.43	514.63	504.14	510.73	1.12	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	465.56	489.77	479.16	478.17	2.54	ppb
Cadmium	106-1	467.42	495.48	493.43	485.44	3.22	ppb
Cadmium	111-1	463.53	488.59	482.77	478.30	2.74	ppb
Calcium	43-1	272444.13	267155.31	275745.01	271781.49	1.59	ppb
Calcium	44-1	269294.82	265958.01	267869.24	267707.36	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.06	503.86	492.56	498.49	1.14	ppb
Cobalt	59-2	483.74	490.42	472.95	482.37	1.83	ppb
Copper	63-2	4785.88	4781.79	4718.73	4762.14	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				116		%
Holmium	165-2				115		%
Indium	115-1				112		%
Indium	115-2				112		%
Iron	56-2	127815.12	127393.93	126692.41	127300.49	0.45	ppb
Iron	57-2	125492.21	128298.52	124036.00	125942.24	1.72	ppb
Iron	54-2	126134.32	128410.12	125454.26	126666.24	1.22	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:10:17 DataFile Name : 035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2497.97	2522.93	2525.14	2515.34	0.60	ppb
Lead	207-1	2480.25	2460.58	2488.67	2476.50	0.58	ppb
Lead	208-1	2511.71	2520.92	2514.08	2515.57	0.19	ppb
Lithium	6-1				97		%
Magnesium	24-2	247512.82	250527.23	249943.40	249327.82	0.64	ppb
Manganese	55-2	4827.50	4901.29	4782.06	4836.95	1.24	ppb
Molybdenum	94-1	5069.29	4994.26	5204.06	5089.20	2.09	ppb
Molybdenum	95-1	5083.25	5082.72	5173.37	5113.11	1.02	ppb
Molybdenum	96-1	5097.77	5096.67	5173.24	5122.56	0.86	ppb
Molybdenum	97-1	5117.13	5119.59	5202.67	5146.46	0.95	ppb
Molybdenum	98-1	5245.98	5027.10	5221.18	5164.75	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.93	481.92	468.84	476.23	1.41	ppb
Phosphorus	31-2	9666.48	9750.86	9550.72	9656.02	1.04	ppb
Potassium	39-2	125641.20	126884.93	124847.43	125791.19	0.82	ppb
Rhodium	103-1				108		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				116		%
Selenium	82-1	465.92	463.58	479.36	469.62	1.81	ppb
Selenium	77-2	497.34	474.51	497.56	489.80	2.70	ppb
Selenium	78-2	477.18	478.65	480.38	478.73	0.33	ppb
Silicon	28-1	1480.03	1449.03	1512.00	1480.35	2.13	ppb
Silver	107-1	474.01	496.49	492.23	487.58	2.45	ppb
Silver	109-1	469.51	497.08	490.56	485.72	2.97	ppb
Sodium	23-2	247879.19	250412.32	246904.38	248398.63	0.73	ppb
Strontium	86-1	4939.41	4938.80	5032.17	4970.13	1.08	ppb
Strontium	88-1	5063.65	4954.48	5088.31	5035.48	1.41	ppb
Sulfur	34-1	8186.05	7834.45	8263.36	8094.62	2.82	ppb
Terbium	159-1				117		%
Terbium	159-2				117		%
Thallium	203-1	501.06	512.42	513.90	509.13	1.38	ppb
Thallium	205-1	512.77	502.13	507.98	507.63	1.05	ppb
Tin	118-1	459.65	477.50	476.45	471.20	2.13	ppb
Titanium	47-1	4837.93	4805.98	4910.89	4851.60	1.11	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:10:17 DataFile Name : 035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	504.57	496.48	518.53	506.53	2.20	ppb
Vanadium	51-2	501.61	506.54	497.89	502.02	0.86	ppb
Yttrium	89-1				115		%
Yttrium	89-2				117		%
Zinc	66-2	4808.42	4798.27	4692.25	4766.32	1.35	ppb
Zirconium	90-1	515.14	519.26	523.61	519.34	0.82	ppb
Zirconium	91-1	514.88	511.65	522.23	516.25	1.05	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:15:04 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.45	-1.03	-1.15	-1.21		ppb
Antimony	121-1	0.05	0.06	0.06	0.06	9.91	ppb
Arsenic	75-2	0.01	-0.02	-0.03	-0.01		ppb
Barium	135-1	0.02	0.02	0.01	0.02	22.87	ppb
Barium	137-1	0.02	0.02	0.04	0.03	28.74	ppb
Beryllium	9-1	0.05	0.03	0.08	0.05	40.65	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.11	-0.08	-0.06		ppb
Cadmium	106-1	-1.84	-1.50	-2.08	-1.81		ppb
Cadmium	111-1	-0.10	-0.08	-0.13	-0.10		ppb
Calcium	43-1	1.67	3.75	2.73	2.72	38.22	ppb
Calcium	44-1	10.44	9.88	12.24	10.85	11.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.41	0.40	0.40	3.05	ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.01		ppb
Copper	63-2	0.37	0.39	0.33	0.36	9.36	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				110		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				112		%
Iron	56-2	2.75	2.65	2.29	2.56	9.27	ppb
Iron	57-2	-0.24	1.04	0.11	0.30	218.75	ppb
Iron	54-2	2.87	5.30	2.45	3.54	43.59	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:15:04 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.01	0.02	0.01	155.53	ppb
Lead	207-1	0.06	0.03	0.05	0.04	33.34	ppb
Lead	208-1	0.02	0.03	0.03	0.03	4.45	ppb
Lithium	6-1				94		%
Magnesium	24-2	2.21	2.15	2.22	2.19	1.89	ppb
Manganese	55-2	0.08	0.12	0.14	0.11	25.60	ppb
Molybdenum	94-1	0.11	0.12	0.10	0.11	11.27	ppb
Molybdenum	95-1	0.07	0.06	0.04	0.06	27.88	ppb
Molybdenum	96-1	0.05	0.07	0.06	0.06	19.86	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	6.01	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.11	0.12	0.10	30.33	ppb
Phosphorus	31-2	-30.35	-22.84	-30.65	-27.95		ppb
Potassium	39-2	10.10	10.52	7.94	9.52	14.56	ppb
Rhodium	103-1				110		%
Rhodium	103-2				111		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	0.31	-0.25	0.57	0.21	197.01	ppb
Selenium	77-2	0.50	0.00	0.25	0.25	100.09	ppb
Selenium	78-2	-0.10	2.36	-0.86	0.47	358.58	ppb
Silicon	28-1	-8.75	-8.16	-8.75	-8.55		ppb
Silver	107-1	0.01	0.01	0.01	0.01	33.73	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.35	ppb
Sodium	23-2	27.89	28.43	25.28	27.20	6.20	ppb
Strontium	86-1	0.03	0.01	0.03	0.02	39.06	ppb
Strontium	88-1	0.04	0.04	0.03	0.03	1.75	ppb
Sulfur	34-1	-2249.86	-2193.98	-2131.84	-2191.89		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.09	0.09	0.09	0.09	1.83	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	3.16	ppb
Tin	118-1	0.07	0.09	0.07	0.08	12.42	ppb
Titanium	47-1	0.01	0.03	0.03	0.02	45.47	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:15:04 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	12.08	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	76.30	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	0.84	0.96	0.91	0.90	6.48	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	17.04	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	36.02	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-04 Instrumnet Name : P7
Client Sample ID : MW-17B-55-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:18:26 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65.04	64.23	62.94	64.07	1.65	ppb
Antimony	121-1	0.29	0.32	0.31	0.31	4.60	ppb
Arsenic	75-2	0.81	0.84	0.85	0.83	2.68	ppb
Barium	135-1	384.00	379.60	382.90	382.17	0.60	ppb
Barium	137-1	388.45	384.58	390.76	387.93	0.81	ppb
Beryllium	9-1	0.12	0.07	0.11	0.10	27.36	ppb
Bismuth	209-1				125		%
Bismuth	209-2				122		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.05	-0.03	0.01	307.40	ppb
Cadmium	106-1	-0.31	-0.73	-1.81	-0.95		ppb
Cadmium	111-1	-0.01	-0.04	-0.12	-0.06		ppb
Calcium	43-1	30342.59	30398.36	30224.16	30321.70	0.29	ppb
Calcium	44-1	28898.34	29431.76	28795.67	29041.92	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.04	0.02	0.03	44.50	ppb
Cobalt	59-2	6.30	6.36	6.16	6.28	1.64	ppb
Copper	63-2	0.11	0.17	0.13	0.14	20.63	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				125		%
Holmium	165-2				123		%
Indium	115-1				126		%
Indium	115-2				126		%
Iron	56-2	5380.77	5409.99	5308.75	5366.50	0.97	ppb
Iron	57-2	5572.49	5656.58	5575.98	5601.68	0.85	ppb
Iron	54-2	5454.41	5526.94	5448.85	5476.73	0.80	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-04 Instrumnet Name : P7
Client Sample ID : MW-17B-55-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:18:26 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	-0.01	-0.01	0.00		ppb
Lead	207-1	0.01	0.03	0.01	0.02	57.14	ppb
Lead	208-1	0.00	0.00	0.00	0.00	21.08	ppb
Lithium	6-1				103		%
Magnesium	24-2	7433.18	7507.83	7321.11	7420.71	1.27	ppb
Manganese	55-2	450.52	452.22	447.69	450.15	0.51	ppb
Molybdenum	94-1	16.66	16.58	16.88	16.71	0.91	ppb
Molybdenum	95-1	20.97	20.63	20.46	20.69	1.26	ppb
Molybdenum	96-1	20.28	20.18	20.24	20.23	0.24	ppb
Molybdenum	97-1	20.62	20.64	20.50	20.59	0.36	ppb
Molybdenum	98-1	20.88	20.78	20.91	20.86	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.51	8.94	8.68	8.71	2.49	ppb
Phosphorus	31-2	269.46	292.26	280.14	280.62	4.06	ppb
Potassium	39-2	7460.77	7548.40	7496.16	7501.78	0.59	ppb
Rhodium	103-1				124		%
Rhodium	103-2				126		%
Scandium	45-1				121		%
Scandium	45-2				124		%
Selenium	82-1	0.79	-0.59	0.22	0.14	492.82	ppb
Selenium	77-2	0.22	0.00	0.43	0.22	99.97	ppb
Selenium	78-2	-0.90	-1.99	-1.20	-1.36		ppb
Silicon	28-1	2510.11	2580.37	2575.10	2555.19	1.53	ppb
Silver	107-1	0.00	0.00	0.01	0.00	47.43	ppb
Silver	109-1	0.00	0.00	0.01	0.00	75.09	ppb
Sodium	23-2	6451.04	6520.49	6395.97	6455.83	0.97	ppb
Strontium	86-1	250.97	249.59	249.61	250.06	0.32	ppb
Strontium	88-1	255.49	253.01	256.50	255.00	0.70	ppb
Sulfur	34-1	-1686.89	-1750.37	-1769.73	-1735.67		ppb
Terbium	159-1				128		%
Terbium	159-2				125		%
Thallium	203-1	0.25	0.28	0.23	0.26	9.55	ppb
Thallium	205-1	0.24	0.25	0.23	0.24	3.33	ppb
Tin	118-1	0.23	0.24	0.25	0.24	4.33	ppb
Titanium	47-1	0.82	0.69	0.75	0.75	8.75	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-04 Instrumnet Name : P7
Client Sample ID : MW-17B-55-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:18:26 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	6.97	ppb
Vanadium	51-2	0.48	0.51	0.49	0.49	2.42	ppb
Yttrium	89-1				127		%
Yttrium	89-2				129		%
Zinc	66-2	3.54	3.40	3.61	3.51	2.91	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	4.63	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	857.83	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-08 Instrumnet Name : P7
Client Sample ID : EB01-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:21:37 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.38	7.10	6.47	6.98	6.69	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	80.88	ppb
Arsenic	75-2	-0.01	0.02	-0.01	0.00		ppb
Barium	135-1	0.10	0.11	0.09	0.10	9.82	ppb
Barium	137-1	0.10	0.10	0.11	0.11	5.14	ppb
Beryllium	9-1	0.00	0.00	0.03	0.01	227.72	ppb
Bismuth	209-1				126		%
Bismuth	209-2				121		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	-0.11	-0.09	-0.08		ppb
Cadmium	106-1	-0.63	-0.31	-0.46	-0.47		ppb
Cadmium	111-1	-0.03	-0.01	-0.02	-0.02		ppb
Calcium	43-1	19.74	33.48	26.04	26.42	26.04	ppb
Calcium	44-1	33.53	32.51	31.57	32.54	3.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	0.09	-0.06	-0.02		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.16	0.11	0.16	0.14	16.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				120		%
Indium	115-1				126		%
Indium	115-2				124		%
Iron	56-2	3.14	3.62	3.27	3.34	7.33	ppb
Iron	57-2	1.30	0.47	1.49	1.09	50.08	ppb
Iron	54-2	0.36	0.92	1.28	0.85	54.38	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-08 Instrumnet Name : P7
Client Sample ID : EB01-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:21:37 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.44	0.46	0.46	0.45	2.74	ppb
Lead	207-1	0.43	0.43	0.47	0.45	5.51	ppb
Lead	208-1	0.44	0.45	0.44	0.44	0.70	ppb
Lithium	6-1				100		%
Magnesium	24-2	13.60	13.62	14.12	13.78	2.13	ppb
Manganese	55-2	0.25	0.30	0.25	0.27	11.25	ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.02	0.01	0.02	0.01	37.07	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	115.25	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	21.53	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	10.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.06	-0.05	-0.05		ppb
Phosphorus	31-2	-11.04	-16.51	-4.30	-10.62		ppb
Potassium	39-2	-20.70	-18.86	-19.52	-19.69		ppb
Rhodium	103-1				125		%
Rhodium	103-2				124		%
Scandium	45-1				120		%
Scandium	45-2				122		%
Selenium	82-1	0.00	0.39	-0.34	0.02	2026.39	ppb
Selenium	77-2	0.00	0.22	0.00	0.07	173.21	ppb
Selenium	78-2	-2.44	-2.46	-1.85	-2.25		ppb
Silicon	28-1	-14.07	-13.28	-13.69	-13.68		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.00	0.00	0.00	25.29	ppb
Sodium	23-2	55.64	59.85	60.22	58.57	4.34	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	255.20	ppb
Strontium	88-1	0.10	0.10	0.10	0.10	3.93	ppb
Sulfur	34-1	-3341.10	-3298.79	-3339.98	-3326.62		ppb
Terbium	159-1				126		%
Terbium	159-2				123		%
Thallium	203-1	0.04	0.03	0.04	0.04	19.18	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	9.25	ppb
Tin	118-1	0.24	0.22	0.20	0.22	10.24	ppb
Titanium	47-1	0.39	0.06	0.05	0.17	118.61	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-08 Instrumnet Name : P7
Client Sample ID : EB01-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:21:37 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	67.11	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	110.68	ppb
Yttrium	89-1				125		%
Yttrium	89-2				126		%
Zinc	66-2	0.39	0.49	0.59	0.49	20.80	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	33.75	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:24:57 DataFile Name : 039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49254.92	47767.28	49346.49	48789.56	1.82	ppb
Antimony	121-1	481.07	487.45	483.16	483.89	0.67	ppb
Arsenic	75-2	471.74	493.52	496.38	487.21	2.77	ppb
Barium	135-1	2393.15	2409.99	2386.33	2396.49	0.51	ppb
Barium	137-1	2412.40	2398.09	2408.48	2406.32	0.31	ppb
Beryllium	9-1	504.52	508.88	508.61	507.34	0.48	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	461.80	464.73	459.41	461.98	0.58	ppb
Cadmium	106-1	464.64	469.94	472.74	469.11	0.88	ppb
Cadmium	111-1	465.50	467.93	466.56	466.66	0.26	ppb
Calcium	43-1	270366.80	268898.04	270252.19	269839.01	0.30	ppb
Calcium	44-1	260106.23	262300.77	260243.83	260883.61	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.00	491.59	497.19	493.92	0.59	ppb
Cobalt	59-2	476.01	480.22	477.76	478.00	0.44	ppb
Copper	63-2	4683.72	4705.66	4723.49	4704.29	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				111		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	126069.51	125683.93	126012.31	125921.92	0.17	ppb
Iron	57-2	124184.77	122811.80	123455.43	123484.00	0.56	ppb
Iron	54-2	124833.50	125339.54	124162.78	124778.61	0.47	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:24:57 DataFile Name : 039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2479.18	2540.11	2507.77	2509.02	1.22	ppb
Lead	207-1	2439.78	2499.91	2525.51	2488.40	1.77	ppb
Lead	208-1	2459.86	2501.17	2516.04	2492.36	1.17	ppb
Lithium	6-1				97		%
Magnesium	24-2	244330.65	246270.37	249658.83	246753.28	1.09	ppb
Manganese	55-2	4721.12	4721.91	4777.20	4740.08	0.68	ppb
Molybdenum	94-1	5090.35	4976.03	5084.43	5050.27	1.27	ppb
Molybdenum	95-1	5127.39	5036.40	5031.43	5065.08	1.07	ppb
Molybdenum	96-1	5080.30	5036.59	5047.28	5054.72	0.45	ppb
Molybdenum	97-1	5043.64	5039.23	5056.33	5046.40	0.18	ppb
Molybdenum	98-1	5053.36	4993.74	5153.11	5066.74	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.51	475.46	477.30	475.76	0.30	ppb
Phosphorus	31-2	9628.84	9496.82	9592.51	9572.72	0.71	ppb
Potassium	39-2	124205.74	122853.41	125496.96	124185.37	1.06	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				113		%
Selenium	82-1	477.12	461.88	469.98	469.66	1.62	ppb
Selenium	77-2	467.37	469.80	489.12	475.43	2.51	ppb
Selenium	78-2	448.75	475.02	495.85	473.21	4.99	ppb
Silicon	28-1	1474.29	1485.33	1480.12	1479.92	0.37	ppb
Silver	107-1	478.47	471.26	472.64	474.12	0.81	ppb
Silver	109-1	473.32	480.87	467.17	473.79	1.45	ppb
Sodium	23-2	247783.70	243482.46	247873.50	246379.89	1.02	ppb
Strontium	86-1	4901.11	4895.34	4920.12	4905.52	0.26	ppb
Strontium	88-1	5025.70	4938.24	5044.49	5002.81	1.13	ppb
Sulfur	34-1	8245.59	7927.45	8098.95	8090.66	1.97	ppb
Terbium	159-1				114		%
Terbium	159-2				114		%
Thallium	203-1	503.28	515.40	518.32	512.33	1.56	ppb
Thallium	205-1	492.32	516.90	504.02	504.41	2.44	ppb
Tin	118-1	452.21	459.22	453.53	454.99	0.82	ppb
Titanium	47-1	4837.55	4725.71	4937.61	4833.62	2.19	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:24:57 DataFile Name : 039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	486.31	510.21	503.63	500.05	2.47	ppb
Vanadium	51-2	494.63	492.21	492.89	493.25	0.25	ppb
Yttrium	89-1				111		%
Yttrium	89-2				114		%
Zinc	66-2	4672.76	4757.47	4700.98	4710.41	0.92	ppb
Zirconium	90-1	515.38	501.46	506.95	507.93	1.38	ppb
Zirconium	91-1	512.98	503.85	511.77	509.53	0.97	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:28:58 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.28	-0.55	-1.22	-0.68		ppb
Antimony	121-1	0.05	0.05	0.06	0.05	17.16	ppb
Arsenic	75-2	-0.01	-0.03	0.01	-0.01		ppb
Barium	135-1	0.04	0.05	0.04	0.04	11.84	ppb
Barium	137-1	0.05	0.04	0.05	0.05	10.01	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	12.14	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	-0.05	-0.11	-0.07		ppb
Cadmium	106-1	-1.32	-1.16	-1.21	-1.23		ppb
Cadmium	111-1	-0.05	-0.06	-0.05	-0.06		ppb
Calcium	43-1	7.81	0.91	3.02	3.91	90.34	ppb
Calcium	44-1	12.27	13.41	15.13	13.61	10.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.35	0.35	0.35	1.41	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.35	0.35	0.31	0.33	7.39	ppb
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				114		%
Indium	115-1				112		%
Indium	115-2				115		%
Iron	56-2	3.90	3.66	3.30	3.62	8.33	ppb
Iron	57-2	1.41	2.80	1.30	1.84	45.31	ppb
Iron	54-2	4.81	3.42	4.15	4.13	16.91	ppb
Krypton	83-1						cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:28:58 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.01	0.02	0.02	48.43	ppb
Lead	207-1	0.05	0.05	0.06	0.05	8.44	ppb
Lead	208-1	0.03	0.03	0.03	0.03	4.39	ppb
Lithium	6-1				98		%
Magnesium	24-2	4.91	5.19	4.31	4.80	9.35	ppb
Manganese	55-2	0.26	0.18	0.23	0.23	17.60	ppb
Molybdenum	94-1	0.14	0.09	0.09	0.10	28.85	ppb
Molybdenum	95-1	0.10	0.08	0.07	0.08	19.00	ppb
Molybdenum	96-1	0.08	0.10	0.09	0.09	8.01	ppb
Molybdenum	97-1	0.09	0.07	0.09	0.08	8.07	ppb
Molybdenum	98-1	0.10	0.09	0.10	0.10	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.15	0.11	0.15	26.42	ppb
Phosphorus	31-2	-21.85	-22.57	-26.44	-23.62		ppb
Potassium	39-2	13.00	12.39	12.09	12.49	3.71	ppb
Rhodium	103-1				112		%
Rhodium	103-2				115		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	-0.35	0.18	-0.33	-0.17		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.87	-1.41	-0.47	-0.34		ppb
Silicon	28-1	-8.48	-9.55	-9.45	-9.16		ppb
Silver	107-1	0.03	0.01	0.01	0.01	77.09	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.02	ppb
Sodium	23-2	27.33	25.82	25.90	26.35	3.22	ppb
Strontium	86-1	-0.03	0.01	0.04	0.01	686.50	ppb
Strontium	88-1	0.05	0.06	0.07	0.06	15.40	ppb
Sulfur	34-1	-2059.33	-2154.43	-2150.41	-2121.39		ppb
Terbium	159-1				113		%
Terbium	159-2				115		%
Thallium	203-1	0.07	0.07	0.08	0.07	9.57	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	7.58	ppb
Tin	118-1	0.09	0.09	0.05	0.08	26.49	ppb
Titanium	47-1	0.06	0.05	0.09	0.07	31.06	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:28:58 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.00	0.01	36.39	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	66.74	ppb
Yttrium	89-1				113		%
Yttrium	89-2				114		%
Zinc	66-2	1.13	1.13	1.03	1.10	5.23	ppb
Zirconium	90-1	0.04	0.02	0.05	0.04	34.22	ppb
Zirconium	91-1	0.03	0.01	0.03	0.03	39.52	ppb

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:09:04 DataFile Name : 005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	363	357	373	6.25	cps
Antimony	121-1	63	13	30	36	71.61	cps
Arsenic	75-2	3	10	13	9	57.30	cps
Barium	135-1	30	20	20	23	24.74	cps
Barium	137-1	17	20	13	17	20.01	cps
Beryllium	9-1	37	21	31	30	28.34	cps
Bismuth	209-1	3647428	3596688	3515771	3586629	1.85	cps
Bismuth	209-2	3253061	3305424	3286943	3281810	0.81	cps
Bromine	81-1	25419	25001	25355	25258	0.89	cps
Bromine	81-2	297	270	370	312	16.59	cps
Cadmium	108-1	3	13	23	13	75.02	cps
Cadmium	106-1	1767	1823	1657	1749	4.85	cps
Cadmium	111-1	1244	1274	1163	1227	4.66	cps
Calcium	43-1	433	413	387	411	5.69	cps
Calcium	44-1	8353	8259	8586	8399	2.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	810	813	960	861	9.95	cps
Cobalt	59-2	120	110	103	111	7.55	cps
Copper	63-2	1473	1527	1473	1491	2.07	cps
Dysprosium	156-1	3	0	10	4	114.60	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	67	37	23	42	52.57	cps
Erbium	164-2	47	33	23	34	34.00	cps
Gadolinium	160-1	27	37	17	27	37.50	cps
Gadolinium	160-2	260	323	247	277	14.80	cps
Holmium	165-1	5875827	5854381	5693432	5807880	1.72	cps
Holmium	165-2	4384166	4376922	4390762	4383950	0.16	cps
Indium	115-1	4938423	4792137	4784952	4838504	1.79	cps
Indium	115-2	1909196	1934664	1895357	1913072	1.04	cps
Iron	56-2	21586	21589	21739	21638	0.41	cps
Iron	57-2	1270	1297	1247	1271	1.97	cps
Iron	54-2	2617	2357	2547	2507	5.37	cps
Krypton	83-1	327	367	297	330	10.64	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:09:04 DataFile Name : 005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	603	777	727	702	12.71	cps
Lead	207-1	540	500	510	517	4.03	cps
Lead	208-1	2520	2680	2640	2613	3.19	cps
Lithium	6-1	636695	616964	619136	624265	1.73	cps
Magnesium	24-2	140	160	153	151	6.74	cps
Manganese	55-2	1850	1713	1760	1775	3.92	cps
Molybdenum	94-1	133	123	123	127	4.56	cps
Molybdenum	95-1	23	30	30	28	13.86	cps
Molybdenum	96-1	150	117	133	133	12.50	cps
Molybdenum	97-1	37	27	30	31	16.37	cps
Molybdenum	98-1	43	37	50	43	15.38	cps
Neodymium	150-1	10	0	0	3	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	257	210	197	221	14.25	cps
Phosphorus	31-2	293	307	330	310	5.99	cps
Potassium	39-2	50306	49922	49253	49827	1.07	cps
Rhodium	103-1	4690305	4627774	4576771	4631617	1.23	cps
Rhodium	103-2	2876994	2867607	2842606	2862402	0.62	cps
Scandium	45-1	2871034	2718225	2697835	2762365	3.43	cps
Scandium	45-2	263699	264539	261681	263306	0.56	cps
Selenium	82-1	201	146	200	182	17.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	670	687	700	686	2.19	cps
Silicon	28-1	1267278	1304685	1272119	1281361	1.59	cps
Silver	107-1	33	43	70	49	38.78	cps
Silver	109-1	20	3	30	18	75.79	cps
Sodium	23-2	13996	14113	13816	13975	1.07	cps
Strontium	86-1	620	557	530	569	8.13	cps
Strontium	88-1	103	103	77	94	16.30	cps
Sulfur	34-1	135928	137139	135484	136183	0.63	cps
Terbium	159-1	6019662	5834765	5802055	5885494	1.99	cps
Terbium	159-2	4271523	4376506	4306298	4318109	1.24	cps
Thallium	203-1	43	70	57	57	23.53	cps
Thallium	205-1	217	200	220	212	5.05	cps
Tin	118-1	727	777	753	752	3.33	cps
Titanium	47-1	47	50	67	54	19.68	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:09:04 DataFile Name : 005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	0	7	12	128.87	cps
Vanadium	51-2	7	0	17	8	107.84	cps
Yttrium	89-1	7145786	7088615	6970507	7068303	1.26	cps
Yttrium	89-2	2124868	2049455	2032827	2069050	2.37	cps
Zinc	66-2	340	333	363	346	4.56	cps
Zirconium	90-1	287	240	277	268	9.18	cps
Zirconium	91-1	30	53	107	63	62.06	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:15:42 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2880	2974	2780	2878	3.36	cps
Antimony	121-1	10057	9887	9997	9980	0.86	cps
Arsenic	75-2	380	333	360	358	6.54	cps
Barium	135-1	12679	12923	12265	12622	2.63	cps
Barium	137-1	21904	21810	22074	21929	0.61	cps
Beryllium	9-1	748	801	808	786	4.19	cps
Bismuth	209-1	3594919	3587198	3484366	3555494	1.74	cps
Bismuth	209-2	3310752	3237265	3323239	3290419	1.41	cps
Bromine	81-1	25108	25048	24648	24935	1.00	cps
Bromine	81-2	240	243	223	236	4.55	cps
Cadmium	108-1	103	107	123	111	9.65	cps
Cadmium	106-1	1940	1967	1853	1920	3.09	cps
Cadmium	111-1	2749	2862	2705	2772	2.93	cps
Calcium	43-1	7825	7925	7749	7833	1.13	cps
Calcium	44-1	130961	132981	129893	131278	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5578	5564	5484	5542	0.91	cps
Cobalt	59-2	4161	4131	3884	4058	3.74	cps
Copper	63-2	6898	7068	6782	6916	2.09	cps
Dysprosium	156-1	0	7	17	8	107.84	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	30	40	53	41	28.47	cps
Erbium	164-2	47	37	30	38	22.21	cps
Gadolinium	160-1	20	23	20	21	9.11	cps
Gadolinium	160-2	333	227	250	270	20.77	cps
Holmium	165-1	5669832	5737277	5759066	5722058	0.81	cps
Holmium	165-2	4462420	4373967	4413485	4416624	1.00	cps
Indium	115-1	4798929	4849877	4809537	4819447	0.56	cps
Indium	115-2	1927076	1922030	1935176	1928094	0.34	cps
Iron	56-2	135484	136799	133615	135299	1.18	cps
Iron	57-2	4367	4257	4321	4315	1.28	cps
Iron	54-2	8733	8773	9173	8893	2.74	cps
Krypton	83-1	350	327	353	343	4.23	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:15:42 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4297	4257	4374	4310	1.38	cps
Lead	207-1	3857	3891	3801	3849	1.18	cps
Lead	208-1	17455	17278	17685	17472	1.17	cps
Lithium	6-1	645109	631227	638400	638245	1.09	cps
Magnesium	24-2	107224	107395	106217	106945	0.59	cps
Manganese	55-2	3737	3517	3690	3648	3.18	cps
Molybdenum	94-1	10921	10771	10951	10881	0.89	cps
Molybdenum	95-1	12889	13403	12782	13025	2.55	cps
Molybdenum	96-1	14891	14711	14544	14715	1.18	cps
Molybdenum	97-1	7942	8336	7966	8081	2.73	cps
Molybdenum	98-1	21102	21095	21619	21272	1.41	cps
Neodymium	150-1	7	7	3	6	34.70	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1090	1200	1060	1117	6.60	cps
Phosphorus	31-2	633	560	647	613	7.61	cps
Potassium	39-2	194773	192838	194408	194006	0.53	cps
Rhodium	103-1	4562331	4515346	4591404	4556360	0.84	cps
Rhodium	103-2	2893574	2893995	2902645	2896738	0.18	cps
Scandium	45-1	2751242	2748734	2751733	2750570	0.06	cps
Scandium	45-2	265701	262184	264431	264105	0.67	cps
Selenium	82-1	762	849	763	791	6.28	cps
Selenium	77-2	70	67	67	68	2.84	cps
Selenium	78-2	997	867	1010	958	8.27	cps
Silicon	28-1	1282974	1281068	1277446	1280496	0.22	cps
Silver	107-1	6782	7205	7275	7087	3.77	cps
Silver	109-1	6578	6815	7005	6799	3.15	cps
Sodium	23-2	183122	184774	184171	184022	0.45	cps
Strontium	86-1	2184	2334	2264	2260	3.32	cps
Strontium	88-1	15121	15298	15248	15222	0.60	cps
Sulfur	34-1	137051	137953	136977	137327	0.40	cps
Terbium	159-1	5829132	5932330	5961810	5907757	1.18	cps
Terbium	159-2	4450956	4360996	4405685	4405879	1.02	cps
Thallium	203-1	4534	4851	4547	4644	3.86	cps
Thallium	205-1	10861	11375	11341	11192	2.57	cps
Tin	118-1	23125	23015	23362	23168	0.77	cps
Titanium	47-1	3320	3480	3487	3429	2.75	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:15:42 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14985	14785	14431	14734	1.90	cps
Vanadium	51-2	10053	9683	9740	9826	2.03	cps
Yttrium	89-1	6969822	7186166	6965143	7040377	1.79	cps
Yttrium	89-2	2077869	2048330	2134883	2087027	2.11	cps
Zinc	66-2	2874	2910	2867	2884	0.81	cps
Zirconium	90-1	9110	8803	9093	9002	1.92	cps
Zirconium	91-1	1877	1987	1983	1949	3.21	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:19:02 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	118053	117952	118160	118055	0.09	cps
Antimony	121-1	228941	230325	229833	229700	0.31	cps
Arsenic	75-2	14974	14858	14878	14903	0.42	cps
Barium	135-1	295797	300577	295870	297415	0.92	cps
Barium	137-1	508755	518797	511090	512881	1.02	cps
Beryllium	9-1	37894	37290	36901	37362	1.34	cps
Bismuth	209-1	3636793	3601142	3617646	3618527	0.49	cps
Bismuth	209-2	3397247	3420785	3290627	3369553	2.06	cps
Bromine	81-1	24510	24347	24584	24480	0.50	cps
Bromine	81-2	157	210	187	184	14.49	cps
Cadmium	108-1	4824	5178	4934	4979	3.63	cps
Cadmium	106-1	8823	8759	8653	8745	0.98	cps
Cadmium	111-1	68859	70081	69158	69366	0.92	cps
Calcium	43-1	69974	69589	70761	70108	0.85	cps
Calcium	44-1	1130051	1139736	1140253	1136680	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109272	108181	107245	108233	0.94	cps
Cobalt	59-2	170777	170637	169907	170441	0.27	cps
Copper	63-2	1295749	1292562	1280714	1289675	0.61	cps
Dysprosium	156-1	10	0	10	7	86.60	cps
Dysprosium	156-2	23	23	23	23	0.00	cps
Erbium	164-1	50	57	67	58	14.52	cps
Erbium	164-2	23	23	57	34	55.89	cps
Gadolinium	160-1	17	37	17	23	49.48	cps
Gadolinium	160-2	253	293	257	268	8.29	cps
Holmium	165-1	5701858	5747113	5722503	5723824	0.40	cps
Holmium	165-2	4569725	4553293	4483008	4535342	1.02	cps
Indium	115-1	4657346	4741998	4674044	4691129	0.96	cps
Indium	115-2	2001862	1918632	1908104	1942866	2.64	cps
Iron	56-2	4979118	5002564	4899918	4960534	1.08	cps
Iron	57-2	132192	130730	130759	131227	0.64	cps
Iron	54-2	290479	291523	285541	289181	1.11	cps
Krypton	83-1	333	363	390	362	7.83	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:19:02 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	885035	901439	886886	891120	1.01	cps
Lead	207-1	777436	790375	778422	782078	0.92	cps
Lead	208-1	3575883	3666140	3590494	3610839	1.34	cps
Lithium	6-1	648082	651358	628694	642711	1.91	cps
Magnesium	24-2	988570	981175	983346	984364	0.39	cps
Manganese	55-2	953024	945091	932092	943402	1.12	cps
Molybdenum	94-1	837162	836953	849153	841089	0.83	cps
Molybdenum	95-1	1200126	1203063	1202207	1201799	0.13	cps
Molybdenum	96-1	1313397	1318084	1324806	1318762	0.43	cps
Molybdenum	97-1	751866	764023	762581	759490	0.87	cps
Molybdenum	98-1	1893493	1963237	1882760	1913163	2.28	cps
Neodymium	150-1	7	7	17	10	57.72	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	44830	45409	45355	45198	0.71	cps
Phosphorus	31-2	7655	7278	7225	7386	3.17	cps
Potassium	39-2	722850	714256	712415	716507	0.78	cps
Rhodium	103-1	4528663	4551331	4616861	4565618	1.00	cps
Rhodium	103-2	2847238	2890591	2890960	2876263	0.87	cps
Scandium	45-1	2714456	2764822	2722374	2733884	0.99	cps
Scandium	45-2	262674	258856	257214	259581	1.08	cps
Selenium	82-1	5472	5387	5593	5484	1.88	cps
Selenium	77-2	747	690	610	682	10.06	cps
Selenium	78-2	2784	2854	2880	2839	1.76	cps
Silicon	28-1	2070326	2052395	2028184	2050302	1.03	cps
Silver	107-1	332330	334054	334041	333475	0.30	cps
Silver	109-1	313711	318267	317572	316517	0.78	cps
Sodium	23-2	1628460	1626726	1617495	1624227	0.36	cps
Strontium	86-1	77372	78866	78102	78114	0.96	cps
Strontium	88-1	679324	684418	692143	685295	0.94	cps
Sulfur	34-1	157491	157017	155259	156589	0.75	cps
Terbium	159-1	5785212	5933757	5798619	5839196	1.41	cps
Terbium	159-2	4461716	4386551	4419129	4422465	0.85	cps
Thallium	203-1	223594	223104	220366	222355	0.78	cps
Thallium	205-1	525744	525386	521468	524199	0.45	cps
Tin	118-1	198160	198689	200588	199146	0.64	cps
Titanium	47-1	312923	314418	316243	314528	0.53	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:19:02 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	663026	671394	674922	669781	0.91	cps
Vanadium	51-2	93045	91143	92065	92084	1.03	cps
Yttrium	89-1	6850019	6926165	6955754	6910646	0.79	cps
Yttrium	89-2	2098051	2067126	2068512	2077896	0.84	cps
Zinc	66-2	264820	263216	261601	263212	0.61	cps
Zirconium	90-1	410718	418521	417153	415464	1.00	cps
Zirconium	91-1	92020	93019	94103	93047	1.12	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:22:15 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	289338	290884	286868	289030	0.70	cps
Antimony	121-1	573769	574620	574381	574257	0.08	cps
Arsenic	75-2	37417	37982	36812	37404	1.56	cps
Barium	135-1	741653	744738	755108	747166	0.94	cps
Barium	137-1	1282922	1287456	1295897	1288758	0.51	cps
Beryllium	9-1	93922	95283	95360	94855	0.85	cps
Bismuth	209-1	3621767	3624597	3652173	3632846	0.46	cps
Bismuth	209-2	3376247	3381201	3422533	3393327	0.75	cps
Bromine	81-1	24237	24100	24247	24194	0.34	cps
Bromine	81-2	180	210	190	193	7.90	cps
Cadmium	108-1	12205	12509	12349	12354	1.23	cps
Cadmium	106-1	19189	19069	19573	19277	1.37	cps
Cadmium	111-1	172210	173198	175478	173629	0.97	cps
Calcium	43-1	174838	174972	172834	174215	0.69	cps
Calcium	44-1	2745028	2726806	2723915	2731916	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	265385	266354	264821	265520	0.29	cps
Cobalt	59-2	421411	421423	420621	421152	0.11	cps
Copper	63-2	3222900	3204273	3147576	3191583	1.23	cps
Dysprosium	156-1	23	37	13	24	47.91	cps
Dysprosium	156-2	37	80	40	52	46.17	cps
Erbium	164-1	57	67	33	52	32.76	cps
Erbium	164-2	40	30	47	39	21.57	cps
Gadolinium	160-1	33	30	23	29	17.63	cps
Gadolinium	160-2	333	283	223	280	19.67	cps
Holmium	165-1	5763450	5745607	5879201	5796086	1.25	cps
Holmium	165-2	4579981	4542903	4516940	4546608	0.70	cps
Indium	115-1	4829488	4766176	4843621	4813095	0.86	cps
Indium	115-2	1935351	1926494	1922438	1928094	0.34	cps
Iron	56-2	12314505	12278025	12141951	12244827	0.74	cps
Iron	57-2	321700	322912	320263	321625	0.41	cps
Iron	54-2	713629	710409	705427	709822	0.58	cps
Krypton	83-1	440	377	427	414	8.06	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:22:15 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2255972	2266239	2353638	2291950	2.34	cps
Lead	207-1	2025939	2041538	2070023	2045833	1.09	cps
Lead	208-1	9182680	9227199	9336398	9248759	0.86	cps
Lithium	6-1	655309	659112	658938	657786	0.33	cps
Magnesium	24-2	2455254	2482594	2441421	2459756	0.85	cps
Manganese	55-2	2291803	2336238	2286278	2304773	1.19	cps
Molybdenum	94-1	2137611	2123612	2128421	2129881	0.33	cps
Molybdenum	95-1	3067339	3047491	2985143	3033325	1.41	cps
Molybdenum	96-1	3345077	3320820	3342977	3336292	0.40	cps
Molybdenum	97-1	1898737	1874877	1895832	1889815	0.69	cps
Molybdenum	98-1	4834143	4798629	4853157	4828643	0.57	cps
Neodymium	150-1	43	67	53	54	21.51	cps
Neodymium	150-2	27	10	7	14	74.18	cps
Nickel	60-2	109540	111078	109936	110184	0.72	cps
Phosphorus	31-2	17300	16886	17103	17096	1.21	cps
Potassium	39-2	1639980	1616652	1603423	1620018	1.14	cps
Rhodium	103-1	4606615	4553945	4543015	4567858	0.74	cps
Rhodium	103-2	2916295	2889486	2836939	2880906	1.40	cps
Scandium	45-1	2793789	2804986	2767176	2788651	0.70	cps
Scandium	45-2	259568	258510	259738	259272	0.26	cps
Selenium	82-1	13752	13603	13492	13616	0.96	cps
Selenium	77-2	1600	1570	1563	1578	1.24	cps
Selenium	78-2	5811	5851	5911	5858	0.86	cps
Silicon	28-1	3592321	3560804	3574776	3575967	0.44	cps
Silver	107-1	838869	834311	849708	840963	0.94	cps
Silver	109-1	802671	793841	795312	797275	0.59	cps
Sodium	23-2	3932694	3948714	3933171	3938193	0.23	cps
Strontium	86-1	195045	196659	195388	195697	0.43	cps
Strontium	88-1	1683821	1710479	1701851	1698717	0.80	cps
Sulfur	34-1	187776	187327	184571	186558	0.93	cps
Terbium	159-1	5852528	5851927	5924876	5876444	0.71	cps
Terbium	159-2	4497486	4436799	4486501	4473595	0.72	cps
Thallium	203-1	559690	563005	568897	563864	0.83	cps
Thallium	205-1	1318176	1319289	1337482	1324982	0.82	cps
Tin	118-1	496617	499870	504207	500232	0.76	cps
Titanium	47-1	796067	795982	779955	790668	1.17	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:22:15 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1702741	1701218	1733922	1712627	1.08	cps
Vanadium	51-2	229632	228326	229460	229139	0.31	cps
Yttrium	89-1	7015777	7051022	7140732	7069177	0.91	cps
Yttrium	89-2	2133720	2065952	2064322	2087998	1.90	cps
Zinc	66-2	635490	633122	626615	631742	0.73	cps
Zirconium	90-1	1050598	1055295	1048229	1051374	0.34	cps
Zirconium	91-1	234453	235318	233466	234413	0.40	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:25:20 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	565153	563566	558311	562343	0.64	cps
Antimony	121-1	1149408	1158264	1152346	1153339	0.39	cps
Arsenic	75-2	73819	73970	73591	73793	0.26	cps
Barium	135-1	1506652	1505931	1516402	1509662	0.39	cps
Barium	137-1	2604816	2602863	2638736	2615472	0.77	cps
Beryllium	9-1	191860	193861	194768	193496	0.77	cps
Bismuth	209-1	3689926	3676731	3710946	3692534	0.47	cps
Bismuth	209-2	3384572	3461327	3480474	3442124	1.47	cps
Bromine	81-1	24507	24454	24163	24375	0.76	cps
Bromine	81-2	180	223	213	206	11.04	cps
Cadmium	108-1	24551	25312	25569	25144	2.11	cps
Cadmium	106-1	38036	37194	36636	37289	1.89	cps
Cadmium	111-1	350202	349963	344820	348328	0.87	cps
Calcium	43-1	346464	348627	348062	347717	0.32	cps
Calcium	44-1	5360920	5532836	5410103	5434620	1.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	520353	524639	516589	520527	0.77	cps
Cobalt	59-2	824304	827234	817933	823157	0.58	cps
Copper	63-2	6316636	6167277	6274452	6252788	1.23	cps
Dysprosium	156-1	33	40	27	33	20.00	cps
Dysprosium	156-2	77	100	73	83	17.44	cps
Erbium	164-1	60	70	70	67	8.66	cps
Erbium	164-2	23	73	63	53	49.61	cps
Gadolinium	160-1	37	47	37	40	14.43	cps
Gadolinium	160-2	300	227	233	253	16.01	cps
Holmium	165-1	5772334	5726068	5819762	5772721	0.81	cps
Holmium	165-2	4643956	4612312	4694626	4650298	0.89	cps
Indium	115-1	4828858	4750400	4753618	4777625	0.93	cps
Indium	115-2	1939810	1958047	1940045	1945968	0.54	cps
Iron	56-2	24292674	24186780	24310709	24263387	0.28	cps
Iron	57-2	627909	637929	635118	633652	0.82	cps
Iron	54-2	1337694	1397035	1383363	1372697	2.26	cps
Krypton	83-1	370	313	300	328	11.34	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:25:20 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4578200	4702678	4756425	4679101	1.95	cps
Lead	207-1	4131866	4203896	4227970	4187910	1.19	cps
Lead	208-1	18738185	18863984	19027095	18876421	0.77	cps
Lithium	6-1	683088	683338	679473	681966	0.32	cps
Magnesium	24-2	4761353	4781757	4747624	4763578	0.36	cps
Manganese	55-2	4496920	4558843	4596684	4550816	1.11	cps
Molybdenum	94-1	4261641	4284658	4235098	4260466	0.58	cps
Molybdenum	95-1	6086984	6061350	6025816	6058050	0.51	cps
Molybdenum	96-1	6676845	6755918	6623735	6685499	0.99	cps
Molybdenum	97-1	3779470	3816922	3798213	3798202	0.49	cps
Molybdenum	98-1	9763127	9782979	9923178	9823095	0.89	cps
Neodymium	150-1	67	100	53	73	32.78	cps
Neodymium	150-2	17	23	20	20	16.65	cps
Nickel	60-2	214918	215525	213425	214623	0.50	cps
Phosphorus	31-2	32678	33042	33567	33096	1.35	cps
Potassium	39-2	3056558	3086440	3111679	3084892	0.89	cps
Rhodium	103-1	4514714	4537365	4510486	4520855	0.32	cps
Rhodium	103-2	2858379	2896188	2859660	2871409	0.75	cps
Scandium	45-1	2730992	2663557	2764948	2719832	1.90	cps
Scandium	45-2	250041	253122	250498	251220	0.66	cps
Selenium	82-1	27000	27086	26773	26953	0.60	cps
Selenium	77-2	2970	3127	3150	3083	3.18	cps
Selenium	78-2	11288	11505	11111	11301	1.74	cps
Silicon	28-1	5787874	5983521	5984655	5918683	1.91	cps
Silver	107-1	1679060	1648086	1634627	1653924	1.38	cps
Silver	109-1	1588055	1597143	1595372	1593523	0.30	cps
Sodium	23-2	7645804	7721567	7640248	7669207	0.59	cps
Strontium	86-1	392323	392071	389707	391367	0.37	cps
Strontium	88-1	3448252	3460884	3444830	3451322	0.24	cps
Sulfur	34-1	234392	236068	233525	234662	0.55	cps
Terbium	159-1	6020056	5978372	5990764	5996397	0.36	cps
Terbium	159-2	4639759	4649317	4503795	4597623	1.77	cps
Thallium	203-1	1142029	1140448	1143270	1141916	0.12	cps
Thallium	205-1	2782782	2739954	2794077	2772271	1.03	cps
Tin	118-1	1011918	1005172	999592	1005561	0.61	cps
Titanium	47-1	1557738	1615851	1584404	1585998	1.83	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:25:20 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3615156	3708453	3790586	3704732	2.37	cps
Vanadium	51-2	446618	448519	449522	448220	0.33	cps
Yttrium	89-1	6983679	6964948	6950830	6966486	0.24	cps
Yttrium	89-2	2064404	2069428	2074441	2069424	0.24	cps
Zinc	66-2	1228647	1248232	1247031	1241303	0.88	cps
Zirconium	90-1	2112565	2119460	2083846	2105290	0.90	cps
Zirconium	91-1	472826	471651	473322	472600	0.18	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:28:16 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1113913	1113942	1100239	1109364	0.71	cps
Antimony	121-1	2290735	2302107	2310702	2301181	0.44	cps
Arsenic	75-2	147330	146185	148532	147349	0.80	cps
Barium	135-1	3049632	3079499	3107855	3078996	0.95	cps
Barium	137-1	5252286	5236661	5381463	5290137	1.50	cps
Beryllium	9-1	382743	383517	385311	383857	0.34	cps
Bismuth	209-1	3656648	3730488	3719791	3702309	1.08	cps
Bismuth	209-2	3430026	3449173	3392398	3423865	0.84	cps
Bromine	81-1	24764	24654	24233	24551	1.14	cps
Bromine	81-2	193	170	180	181	6.47	cps
Cadmium	108-1	49581	49391	50167	49713	0.81	cps
Cadmium	106-1	70199	71535	72698	71477	1.75	cps
Cadmium	111-1	675546	683857	687385	682263	0.89	cps
Calcium	43-1	680830	686019	693489	686780	0.93	cps
Calcium	44-1	10702091	10823502	10717382	10747658	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1025892	1034669	1030154	1030238	0.43	cps
Cobalt	59-2	1622710	1629987	1625742	1626146	0.22	cps
Copper	63-2	12331296	12382261	12376058	12363205	0.22	cps
Dysprosium	156-1	50	60	53	54	9.35	cps
Dysprosium	156-2	180	137	160	159	13.65	cps
Erbium	164-1	87	120	80	96	22.43	cps
Erbium	164-2	53	67	70	63	13.93	cps
Gadolinium	160-1	40	53	70	54	27.61	cps
Gadolinium	160-2	313	270	330	304	10.17	cps
Holmium	165-1	5890829	5816712	5927716	5878419	0.96	cps
Holmium	165-2	4699716	4706731	4705435	4703960	0.08	cps
Indium	115-1	4696643	4696079	4826611	4739778	1.59	cps
Indium	115-2	1939114	1952793	1939120	1943676	0.41	cps
Iron	56-2	48412323	48150014	48131283	48231207	0.33	cps
Iron	57-2	1258141	1260787	1253698	1257542	0.28	cps
Iron	54-2	2660176	2706180	2666230	2677529	0.93	cps
Krypton	83-1	327	353	303	328	7.63	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:28:16 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9233962	9362032	9381187	9325727	0.86	cps
Lead	207-1	8240329	8212352	8349929	8267537	0.88	cps
Lead	208-1	37454327	37786580	37915028	37718645	0.63	cps
Lithium	6-1	688213	686077	684794	686362	0.25	cps
Magnesium	24-2	9452253	9503290	9421581	9459041	0.44	cps
Manganese	55-2	9089394	9051863	9125874	9089044	0.41	cps
Molybdenum	94-1	8357039	8424702	8577087	8452942	1.33	cps
Molybdenum	95-1	11906663	12176475	12239888	12107675	1.46	cps
Molybdenum	96-1	13016045	13534943	13346994	13299327	1.98	cps
Molybdenum	97-1	7459976	7537818	7632335	7543376	1.14	cps
Molybdenum	98-1	19424988	19196982	19615918	19412629	1.08	cps
Neodymium	150-1	150	137	173	153	12.10	cps
Neodymium	150-2	53	20	47	40	44.09	cps
Nickel	60-2	424647	423525	427317	425163	0.46	cps
Phosphorus	31-2	65898	66400	64385	65561	1.60	cps
Potassium	39-2	6167009	6171098	6114060	6150722	0.52	cps
Rhodium	103-1	4424568	4464606	4531014	4473396	1.20	cps
Rhodium	103-2	2868081	2869029	2857712	2864941	0.22	cps
Scandium	45-1	2807943	2773973	2697681	2759866	2.05	cps
Scandium	45-2	252084	253306	254225	253205	0.42	cps
Selenium	82-1	51227	52206	52862	52098	1.58	cps
Selenium	77-2	6428	6151	6035	6205	3.26	cps
Selenium	78-2	22057	21235	20932	21408	2.72	cps
Silicon	28-1	9347958	9760424	9655861	9588081	2.24	cps
Silver	107-1	3277531	3281345	3291460	3283446	0.22	cps
Silver	109-1	3102940	3109648	3169837	3127475	1.18	cps
Sodium	23-2	15221571	15352512	15199349	15257811	0.54	cps
Strontium	86-1	771576	779336	785218	778710	0.88	cps
Strontium	88-1	6756064	6868826	6869765	6831551	0.96	cps
Sulfur	34-1	323958	319662	318846	320822	0.86	cps
Terbium	159-1	5889706	6063074	6032956	5995246	1.55	cps
Terbium	159-2	4633281	4696315	4697480	4675692	0.79	cps
Thallium	203-1	2347717	2344445	2391782	2361315	1.12	cps
Thallium	205-1	5573548	5586079	5651689	5603772	0.75	cps
Tin	118-1	2002044	2024021	2031298	2019121	0.75	cps
Titanium	47-1	3118816	3135775	3176423	3143671	0.94	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:28:16 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7438061	7437568	7600642	7492090	1.25	cps
Vanadium	51-2	897501	897921	895486	896969	0.15	cps
Yttrium	89-1	6924454	6926459	7189068	7013327	2.17	cps
Yttrium	89-2	2119619	2139214	2076601	2111811	1.52	cps
Zinc	66-2	2388036	2430857	2433265	2417386	1.05	cps
Zirconium	90-1	4097784	4174185	4216404	4162791	1.44	cps
Zirconium	91-1	931187	944131	953398	942905	1.18	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:31:06 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2297929	2304261	2307625	2303271	0.21	cps
Antimony	121-1	4682496	4653660	4669726	4668627	0.31	cps
Arsenic	75-2	301401	298316	295059	298259	1.06	cps
Barium	135-1	6091084	6367256	6335584	6264641	2.41	cps
Barium	137-1	10515332	10656688	10769781	10647267	1.20	cps
Beryllium	9-1	738456	744711	740586	741251	0.43	cps
Bismuth	209-1	3630466	3733444	3608218	3657376	1.83	cps
Bismuth	209-2	3408756	3432253	3400410	3413806	0.48	cps
Bromine	81-1	25422	25766	26200	25796	1.51	cps
Bromine	81-2	133	200	163	166	20.17	cps
Cadmium	108-1	97716	100257	99660	99211	1.34	cps
Cadmium	106-1	138517	142428	140244	140397	1.40	cps
Cadmium	111-1	1343768	1362130	1362941	1356280	0.80	cps
Calcium	43-1	1320273	1330977	1334803	1328684	0.57	cps
Calcium	44-1	21743125	21958333	22206099	21969186	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2097789	2075146	2062568	2078501	0.86	cps
Cobalt	59-2	3358571	3326004	3348055	3344210	0.50	cps
Copper	63-2	25166406	24908235	24966849	25013830	0.54	cps
Dysprosium	156-1	143	113	100	119	18.67	cps
Dysprosium	156-2	357	333	390	360	7.91	cps
Erbium	164-1	83	130	127	113	22.97	cps
Erbium	164-2	113	140	87	113	23.53	cps
Gadolinium	160-1	100	90	117	102	13.18	cps
Gadolinium	160-2	300	300	303	301	0.64	cps
Holmium	165-1	5913838	6125933	5995104	6011625	1.78	cps
Holmium	165-2	4877078	4772117	4823968	4824388	1.09	cps
Indium	115-1	4795377	4772049	4764980	4777469	0.33	cps
Indium	115-2	1949161	1914664	1927645	1930490	0.90	cps
Iron	56-2	99401082	98977939	98535862	98971627	0.44	cps
Iron	57-2	2466198	2471703	2456706	2464869	0.31	cps
Iron	54-2	5519794	5421776	5402091	5447887	1.16	cps
Krypton	83-1	307	303	420	343	19.34	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:31:06 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18826629	18977092	18801875	18868532	0.50	cps
Lead	207-1	16815648	16769160	16835335	16806714	0.20	cps
Lead	208-1	75195869	75995470	75698866	75630068	0.53	cps
Lithium	6-1	696056	688948	672720	685908	1.74	cps
Magnesium	24-2	19272083	19261413	19327701	19287066	0.18	cps
Manganese	55-2	18496717	18777903	18549695	18608105	0.80	cps
Molybdenum	94-1	16890410	17414068	17429657	17244712	1.78	cps
Molybdenum	95-1	24120965	25064128	25123427	24769507	2.27	cps
Molybdenum	96-1	26605738	27320171	26829941	26918617	1.36	cps
Molybdenum	97-1	15151394	15571623	15390238	15371085	1.37	cps
Molybdenum	98-1	38962829	39897951	40119764	39660181	1.55	cps
Neodymium	150-1	383	327	303	338	12.18	cps
Neodymium	150-2	97	97	117	103	11.17	cps
Nickel	60-2	862477	857662	849056	856398	0.79	cps
Phosphorus	31-2	132572	132881	132575	132676	0.13	cps
Potassium	39-2	12584697	12338134	12524392	12482408	1.03	cps
Rhodium	103-1	4483747	4561367	4530470	4525195	0.86	cps
Rhodium	103-2	2905961	2886433	2876608	2889667	0.52	cps
Scandium	45-1	2830912	2774702	2819757	2808457	1.06	cps
Scandium	45-2	259579	263405	259639	260874	0.84	cps
Selenium	82-1	101565	104179	102337	102694	1.31	cps
Selenium	77-2	12148	12602	11965	12238	2.68	cps
Selenium	78-2	42016	41418	41167	41534	1.05	cps
Silicon	28-1	18380855	18613432	18671946	18555411	0.83	cps
Silver	107-1	6513090	6548061	6540709	6533953	0.28	cps
Silver	109-1	6209779	6221532	6231179	6220830	0.17	cps
Sodium	23-2	31061322	31020722	31385390	31155811	0.64	cps
Strontium	86-1	1563308	1591286	1610390	1588328	1.49	cps
Strontium	88-1	13690631	13930312	14063338	13894760	1.36	cps
Sulfur	34-1	509072	521702	513875	514883	1.24	cps
Terbium	159-1	6075129	6207038	6136455	6139541	1.08	cps
Terbium	159-2	4795082	4709666	4680993	4728581	1.26	cps
Thallium	203-1	4691297	4708351	4827833	4742494	1.57	cps
Thallium	205-1	11269452	11455155	11279092	11334566	0.92	cps
Tin	118-1	3953673	4078663	4119712	4050683	2.14	cps
Titanium	47-1	6339826	6409660	6421292	6390259	0.69	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:31:06 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14994562	15218779	14852151	15021831	1.23	cps
Vanadium	51-2	1814636	1824628	1838287	1825850	0.65	cps
Yttrium	89-1	7202468	7163686	7205451	7190535	0.32	cps
Yttrium	89-2	2134405	2140583	2133035	2136008	0.19	cps
Zinc	66-2	4826049	4804509	4794359	4808306	0.34	cps
Zirconium	90-1	8337137	8603931	8606422	8515830	1.82	cps
Zirconium	91-1	1867523	1913445	1891496	1890822	1.21	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:33:50 DataFile Name : 013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12422176	12417055	12416756	12418662	0.02	cps
Antimony	121-1	1950	2357	2490	2266	12.42	cps
Arsenic	75-2	160	137	197	164	18.39	cps
Barium	135-1	2324	2717	2880	2640	10.84	cps
Barium	137-1	4244	4704	4908	4619	7.36	cps
Beryllium	9-1	149	94	94	112	28.50	cps
Bismuth	209-1	4157925	3633421	3560017	3783788	8.62	cps
Bismuth	209-2	3258493	3179637	3162800	3200310	1.60	cps
Bromine	81-1	26210	27542	27826	27193	3.17	cps
Bromine	81-2	260	203	223	229	12.56	cps
Cadmium	108-1	47	47	47	47	0.00	cps
Cadmium	106-1	2304	2024	1957	2095	8.78	cps
Cadmium	111-1	1833	1620	1604	1686	7.59	cps
Calcium	43-1	5902361	6885919	6913421	6567234	8.77	cps
Calcium	44-1	100372535	114065875	114455265	109631225	7.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20284	19846	19446	19859	2.11	cps
Cobalt	59-2	9336	9727	9610	9558	2.10	cps
Copper	63-2	8673	9126	8963	8921	2.58	cps
Dysprosium	156-1	137	210	187	178	21.07	cps
Dysprosium	156-2	143	117	137	132	10.50	cps
Erbium	164-1	193	257	287	246	19.40	cps
Erbium	164-2	193	190	157	180	11.26	cps
Gadolinium	160-1	170	203	200	191	9.61	cps
Gadolinium	160-2	430	380	400	403	6.24	cps
Holmium	165-1	7167192	6446897	6268696	6627595	7.18	cps
Holmium	165-2	4759173	4790208	4667518	4738966	1.35	cps
Indium	115-1	5797585	5090150	5005334	5297690	8.21	cps
Indium	115-2	2011905	2047090	1923644	1994213	3.19	cps
Iron	56-2	515182819	508399272	508478606	510686899	0.76	cps
Iron	57-2	12972058	12768821	12727220	12822700	1.02	cps
Iron	54-2	28219750	28165805	27703100	28029552	1.01	cps
Krypton	83-1	350	450	337	379	16.35	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:33:50 DataFile Name : 013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8493	9573	10157	9408	8.98	cps
Lead	207-1	7879	9010	9070	8653	7.75	cps
Lead	208-1	35101	39620	40437	38386	7.49	cps
Lithium	6-1	778552	671212	653708	701157	9.64	cps
Magnesium	24-2	104702675	103413205	103516208	103877363	0.69	cps
Manganese	55-2	13173	13286	12739	13066	2.21	cps
Molybdenum	94-1	3911	4694	4757	4454	10.59	cps
Molybdenum	95-1	3110	3981	4254	3782	15.79	cps
Molybdenum	96-1	14548	16987	17564	16366	9.78	cps
Molybdenum	97-1	2357	2560	2837	2585	9.32	cps
Molybdenum	98-1	5181	5801	6341	5775	10.06	cps
Neodymium	150-1	100	70	120	97	26.03	cps
Neodymium	150-2	77	77	107	87	19.98	cps
Nickel	60-2	3961	3844	3714	3839	3.21	cps
Phosphorus	31-2	367	363	380	370	2.38	cps
Potassium	39-2	68143059	67913881	67887287	67981409	0.21	cps
Rhodium	103-1	5209619	4641354	4516434	4789136	7.71	cps
Rhodium	103-2	2869941	2896030	2761074	2842348	2.52	cps
Scandium	45-1	3432071	3048185	2979334	3153197	7.74	cps
Scandium	45-2	283287	285351	281619	283419	0.66	cps
Selenium	82-1	367	332	413	371	10.99	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	633	663	680	659	3.59	cps
Silicon	28-1	875565	903282	1189840	989562	17.58	cps
Silver	107-1	537	670	867	691	24.02	cps
Silver	109-1	560	680	737	659	13.69	cps
Sodium	23-2	165932418	162859754	163089294	163960489	1.04	cps
Strontium	86-1	5604	6048	6168	5940	5.00	cps
Strontium	88-1	44037	50115	49965	48039	7.22	cps
Sulfur	34-1	105868	113897	118838	112868	5.80	cps
Terbium	159-1	7484080	6585131	6392461	6820557	8.54	cps
Terbium	159-2	4816432	4769527	4627761	4737906	2.07	cps
Thallium	203-1	643	667	697	669	4.00	cps
Thallium	205-1	1463	1550	1613	1542	4.88	cps
Tin	118-1	1543	1583	1583	1570	1.47	cps
Titanium	47-1	360	437	620	472	28.29	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:33:50 DataFile Name : 013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	770	707	887	788	11.59	cps
Vanadium	51-2	633	627	537	599	9.02	cps
Yttrium	89-1	8817947	7748764	7595852	8054188	8.27	cps
Yttrium	89-2	2300587	2265081	2220789	2262152	1.77	cps
Zinc	66-2	8923	9383	8873	9059	3.11	cps
Zirconium	90-1	4011	4481	4561	4351	6.83	cps
Zirconium	91-1	840	960	1037	946	10.48	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:58:50 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60161	60361	59997	60173	0.30	cps
Antimony	121-1	958117	987215	989162	978164	1.78	cps
Arsenic	75-2	65514	65413	66877	65935	1.24	cps
Barium	135-1	128957	129163	129933	129351	0.40	cps
Barium	137-1	223142	222986	225457	223862	0.62	cps
Beryllium	9-1	69151	67580	68569	68433	1.16	cps
Bismuth	209-1	3748970	3946767	3846162	3847299	2.57	cps
Bismuth	209-2	3541079	3537749	3498435	3525754	0.67	cps
Bromine	81-1	28097	29934	29419	29150	3.25	cps
Bromine	81-2	327	260	260	282	13.64	cps
Cadmium	108-1	9957	9560	9083	9533	4.59	cps
Cadmium	106-1	15138	15302	15528	15323	1.28	cps
Cadmium	111-1	145822	150917	152487	149742	2.33	cps
Calcium	43-1	27772	27973	28123	27956	0.63	cps
Calcium	44-1	456842	474029	474072	468314	2.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	234175	233984	236507	234889	0.60	cps
Cobalt	59-2	370797	371974	374929	372567	0.57	cps
Copper	63-2	259217	259117	261068	259801	0.42	cps
Dysprosium	156-1	10	17	7	11	45.82	cps
Dysprosium	156-2	17	3	10	10	66.70	cps
Erbium	164-1	47	30	23	33	36.07	cps
Erbium	164-2	63	27	43	44	41.30	cps
Gadolinium	160-1	47	23	20	30	48.44	cps
Gadolinium	160-2	250	287	293	277	8.43	cps
Holmium	165-1	6288693	6041465	6133272	6154477	2.03	cps
Holmium	165-2	4725527	4803266	4761270	4763354	0.82	cps
Indium	115-1	5282678	5221574	5118463	5207572	1.59	cps
Indium	115-2	2114864	2140948	2097273	2117695	1.04	cps
Iron	56-2	4233549	4228289	4251612	4237817	0.29	cps
Iron	57-2	110795	110476	111480	110917	0.46	cps
Iron	54-2	249429	247428	251389	249415	0.79	cps
Krypton	83-1	347	417	443	402	12.41	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:58:50 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	755778	782642	780007	772809	1.92	cps
Lead	207-1	648807	650276	650165	649749	0.13	cps
Lead	208-1	2984874	3018877	3012060	3005270	0.60	cps
Lithium	6-1	579470	607333	619283	602029	3.39	cps
Magnesium	24-2	231744	233730	234674	233383	0.64	cps
Manganese	55-2	186663	187356	187777	187265	0.30	cps
Molybdenum	94-1	227	240	213	227	5.88	cps
Molybdenum	95-1	107	93	120	107	12.50	cps
Molybdenum	96-1	333	363	340	346	4.56	cps
Molybdenum	97-1	70	83	97	83	16.00	cps
Molybdenum	98-1	200	213	147	187	18.90	cps
Neodymium	150-1	13	13	10	12	15.73	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	96401	96746	97826	96991	0.77	cps
Phosphorus	31-2	320	323	403	349	13.52	cps
Potassium	39-2	605956	606345	612082	608128	0.56	cps
Rhodium	103-1	5063575	4873124	4911407	4949368	2.04	cps
Rhodium	103-2	3203682	3108430	3141116	3151076	1.54	cps
Scandium	45-1	2882287	2902818	2936872	2907326	0.95	cps
Scandium	45-2	283948	285625	287822	285799	0.68	cps
Selenium	82-1	23550	23480	23846	23625	0.82	cps
Selenium	77-2	2667	2937	2927	2844	5.38	cps
Selenium	78-2	10254	10617	10717	10529	2.32	cps
Silicon	28-1	1236663	1213770	1224180	1224871	0.94	cps
Silver	107-1	340729	348655	350907	346764	1.54	cps
Silver	109-1	326782	332081	330833	329898	0.84	cps
Sodium	23-2	660211	663575	664286	662691	0.33	cps
Strontium	86-1	983	1137	1110	1077	7.61	cps
Strontium	88-1	3741	3570	3877	3729	4.12	cps
Sulfur	34-1	114223	115012	115190	114808	0.45	cps
Terbium	159-1	6342307	6153091	6216407	6237269	1.54	cps
Terbium	159-2	4747595	4781732	4808208	4779178	0.64	cps
Thallium	203-1	936284	928094	934856	933078	0.47	cps
Thallium	205-1	2260248	2331224	2352216	2314563	2.08	cps
Tin	118-1	857	880	907	881	2.84	cps
Titanium	47-1	100	50	70	73	34.32	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 14:58:50 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	7	17	19	71.30	cps
Vanadium	51-2	198085	197152	201406	198881	1.12	cps
Yttrium	89-1	7473717	7577219	7540734	7530557	0.70	cps
Yttrium	89-2	2301696	2252936	2296137	2283590	1.17	cps
Zinc	66-2	97402	96057	98274	97244	1.15	cps
Zirconium	90-1	423	457	493	458	7.65	cps
Zirconium	91-1	173	173	150	166	8.14	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:17:08 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3007	2877	2970	2951	2.27	cps
Antimony	121-1	10147	10054	10587	10263	2.78	cps
Arsenic	75-2	433	370	300	368	18.13	cps
Barium	135-1	12863	13163	13029	13018	1.16	cps
Barium	137-1	21840	22692	22054	22195	2.00	cps
Beryllium	9-1	795	792	838	808	3.23	cps
Bismuth	209-1	3865059	3870886	3795755	3843900	1.09	cps
Bismuth	209-2	3424635	3415312	3421992	3420646	0.14	cps
Bromine	81-1	28264	27552	27977	27931	1.28	cps
Bromine	81-2	243	210	250	234	9.14	cps
Cadmium	108-1	97	143	153	131	23.07	cps
Cadmium	106-1	1863	1937	1810	1870	3.40	cps
Cadmium	111-1	2894	2792	2550	2745	6.43	cps
Calcium	43-1	7705	7802	7472	7660	2.22	cps
Calcium	44-1	130321	132175	131310	131269	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5888	5795	5651	5778	2.06	cps
Cobalt	59-2	4127	3857	4011	3998	3.39	cps
Copper	63-2	6845	6712	7142	6899	3.19	cps
Dysprosium	156-1	7	10	10	9	21.63	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	37	47	50	44	15.61	cps
Erbium	164-2	30	30	40	33	17.32	cps
Gadolinium	160-1	33	10	40	28	56.71	cps
Gadolinium	160-2	270	210	293	258	16.68	cps
Holmium	165-1	6152030	6107594	6121682	6127102	0.37	cps
Holmium	165-2	4684618	4641516	4647864	4657999	0.50	cps
Indium	115-1	5213804	5212208	5238413	5221475	0.28	cps
Indium	115-2	2085088	2057107	2036644	2059613	1.18	cps
Iron	56-2	142323	137506	139685	139838	1.72	cps
Iron	57-2	4487	4364	4334	4395	1.85	cps
Iron	54-2	9290	8979	9300	9190	1.98	cps
Krypton	83-1	393	390	330	371	9.60	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:17:08 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4501	4591	4537	4543	1.00	cps
Lead	207-1	3954	4094	4157	4068	2.56	cps
Lead	208-1	17871	18559	18568	18333	2.18	cps
Lithium	6-1	605989	606113	599978	604027	0.58	cps
Magnesium	24-2	109019	106233	105190	106814	1.85	cps
Manganese	55-2	3984	3954	3831	3923	2.07	cps
Molybdenum	94-1	10857	11131	10871	10953	1.41	cps
Molybdenum	95-1	13500	13373	13219	13364	1.05	cps
Molybdenum	96-1	14914	15385	15221	15174	1.57	cps
Molybdenum	97-1	8156	8599	8259	8338	2.78	cps
Molybdenum	98-1	21433	21516	21800	21583	0.89	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1203	1230	1197	1210	1.46	cps
Phosphorus	31-2	580	647	590	606	5.94	cps
Potassium	39-2	197328	195616	192764	195236	1.18	cps
Rhodium	103-1	4965638	4931408	5011343	4969463	0.81	cps
Rhodium	103-2	3206314	3054216	3131046	3130525	2.43	cps
Scandium	45-1	2931266	2920546	2863032	2904948	1.26	cps
Scandium	45-2	286541	283828	282250	284206	0.76	cps
Selenium	82-1	764	774	805	781	2.73	cps
Selenium	77-2	77	67	33	59	38.54	cps
Selenium	78-2	920	960	920	933	2.47	cps
Silicon	28-1	1178565	1242878	1206834	1209426	2.67	cps
Silver	107-1	7242	7148	6968	7120	1.95	cps
Silver	109-1	6758	7125	6725	6869	3.23	cps
Sodium	23-2	187878	184417	182966	185087	1.36	cps
Strontium	86-1	2247	2320	2470	2346	4.85	cps
Strontium	88-1	15555	15585	15311	15484	0.97	cps
Sulfur	34-1	116080	117198	115163	116147	0.88	cps
Terbium	159-1	6411763	6380106	6358869	6383579	0.42	cps
Terbium	159-2	4810968	4650800	4704089	4721952	1.73	cps
Thallium	203-1	5044	4851	5054	4983	2.30	cps
Thallium	205-1	11468	11488	12009	11655	2.63	cps
Tin	118-1	22848	23132	23292	23091	0.97	cps
Titanium	47-1	3500	3410	3417	3443	1.46	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:17:08 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14792	15172	14688	14884	1.71	cps
Vanadium	51-2	10434	10230	9843	10169	2.95	cps
Yttrium	89-1	7501871	7655745	7564405	7574007	1.02	cps
Yttrium	89-2	2296875	2237286	2226609	2253590	1.68	cps
Zinc	66-2	2984	3084	2894	2987	3.18	cps
Zirconium	90-1	9256	9710	9510	9492	2.40	cps
Zirconium	91-1	2120	2047	2014	2060	2.65	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:20:36 DataFile Name : 020_ICB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	480	397	457	444	9.67	cps
Antimony	121-1	87	53	57	66	28.01	cps
Arsenic	75-2	7	7	3	6	34.70	cps
Barium	135-1	13	20	17	17	20.01	cps
Barium	137-1	40	37	33	37	9.10	cps
Beryllium	9-1	17	34	41	31	39.09	cps
Bismuth	209-1	3800521	3866120	3896318	3854320	1.27	cps
Bismuth	209-2	3557811	3533545	3580517	3557291	0.66	cps
Bromine	81-1	28434	28261	27947	28214	0.88	cps
Bromine	81-2	193	247	253	231	14.23	cps
Cadmium	108-1	0	13	0	4	173.21	cps
Cadmium	106-1	1890	1740	1807	1812	4.15	cps
Cadmium	111-1	1330	1225	1291	1282	4.12	cps
Calcium	43-1	390	410	363	388	6.04	cps
Calcium	44-1	9056	8856	8880	8931	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	950	1050	913	971	7.28	cps
Cobalt	59-2	77	90	70	79	12.91	cps
Copper	63-2	1647	1600	1503	1583	4.62	cps
Dysprosium	156-1	13	0	7	7	99.98	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	60	47	40	49	20.83	cps
Erbium	164-2	33	20	23	26	27.15	cps
Gadolinium	160-1	13	40	27	27	50.01	cps
Gadolinium	160-2	250	287	247	261	8.50	cps
Holmium	165-1	6161200	6351544	6157921	6223555	1.78	cps
Holmium	165-2	4835044	4778160	4767332	4793512	0.76	cps
Indium	115-1	5200783	5279941	5242093	5240939	0.76	cps
Indium	115-2	2087123	2047554	2101734	2078804	1.35	cps
Iron	56-2	25068	24283	23448	24266	3.34	cps
Iron	57-2	1377	1360	1303	1347	2.86	cps
Iron	54-2	2627	2977	2787	2797	6.27	cps
Krypton	83-1	353	283	363	333	13.08	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:20:36 DataFile Name : 020_ICB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	857	770	737	788	7.86	cps
Lead	207-1	637	730	570	646	12.45	cps
Lead	208-1	3013	3060	2883	2986	3.07	cps
Lithium	6-1	596739	599209	601749	599233	0.42	cps
Magnesium	24-2	203	197	143	181	18.16	cps
Manganese	55-2	1943	1987	1793	1908	5.32	cps
Molybdenum	94-1	123	127	153	134	12.23	cps
Molybdenum	95-1	63	40	43	49	25.81	cps
Molybdenum	96-1	143	143	167	151	8.91	cps
Molybdenum	97-1	30	30	63	41	46.81	cps
Molybdenum	98-1	63	50	63	59	13.07	cps
Neodymium	150-1	7	3	3	4	43.40	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	257	167	237	220	21.48	cps
Phosphorus	31-2	323	310	360	331	7.82	cps
Potassium	39-2	51209	50527	50115	50617	1.09	cps
Rhodium	103-1	4975516	4967972	4931741	4958410	0.47	cps
Rhodium	103-2	3145099	3062936	3109009	3105681	1.33	cps
Scandium	45-1	2945561	2915767	2927833	2929720	0.51	cps
Scandium	45-2	281046	278593	278413	279351	0.53	cps
Selenium	82-1	194	297	177	223	29.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	787	690	760	746	6.70	cps
Silicon	28-1	1220015	1222853	1189961	1210943	1.51	cps
Silver	107-1	43	40	60	48	22.43	cps
Silver	109-1	17	43	23	28	49.95	cps
Sodium	23-2	16652	15888	16522	16354	2.50	cps
Strontium	86-1	563	600	533	566	5.90	cps
Strontium	88-1	70	117	73	87	30.04	cps
Sulfur	34-1	114948	116143	114622	115238	0.69	cps
Terbium	159-1	6281057	6444942	6365065	6363688	1.29	cps
Terbium	159-2	4823530	4778859	4772456	4791615	0.58	cps
Thallium	203-1	113	110	120	114	4.45	cps
Thallium	205-1	323	370	330	341	7.40	cps
Tin	118-1	807	890	903	867	6.04	cps
Titanium	47-1	43	37	47	42	12.06	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:20:36 DataFile Name : 020_ICB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	3	13	9	57.30	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Yttrium	89-1	7387854	7611550	7617484	7538963	1.74	cps
Yttrium	89-2	2305820	2239203	2209182	2251402	2.20	cps
Zinc	66-2	383	343	373	367	5.68	cps
Zirconium	90-1	280	227	330	279	18.53	cps
Zirconium	91-1	33	97	83	71	46.96	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:24:44 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11515177	11669346	11550338	11578287	0.70	cps
Antimony	121-1	6765	6545	6408	6573	2.74	cps
Arsenic	75-2	150	120	77	116	31.90	cps
Barium	135-1	2087	2140	2187	2138	2.34	cps
Barium	137-1	3681	3390	3564	3545	4.12	cps
Beryllium	9-1	200	264	226	230	13.91	cps
Bismuth	209-1	3736045	3779438	3827868	3781117	1.21	cps
Bismuth	209-2	3463616	3451691	3427424	3447577	0.53	cps
Bromine	81-1	28237	27980	28367	28195	0.70	cps
Bromine	81-2	337	357	420	371	11.72	cps
Cadmium	108-1	780	747	717	748	4.24	cps
Cadmium	106-1	1753	1737	1673	1721	2.45	cps
Cadmium	111-1	1578	1660	1630	1623	2.55	cps
Calcium	43-1	1382553	1374583	1382213	1379783	0.33	cps
Calcium	44-1	22599286	23603865	22913729	23038960	2.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47287	47043	47056	47129	0.29	cps
Cobalt	59-2	4724	4594	4534	4617	2.10	cps
Copper	63-2	27649	27191	27155	27332	1.01	cps
Dysprosium	156-1	57	13	30	33	65.58	cps
Dysprosium	156-2	20	13	20	18	21.66	cps
Erbium	164-1	53	73	63	63	15.79	cps
Erbium	164-2	57	47	47	50	11.55	cps
Gadolinium	160-1	20	57	13	30	77.79	cps
Gadolinium	160-2	257	267	303	276	8.92	cps
Holmium	165-1	6303581	6325999	6380634	6336738	0.63	cps
Holmium	165-2	4815333	4864839	4746782	4808985	1.23	cps
Indium	115-1	5178237	5118412	5199355	5165334	0.81	cps
Indium	115-2	2053371	2082674	2052764	2062936	0.83	cps
Iron	56-2	215056950	211764784	213301677	213374470	0.77	cps
Iron	57-2	5307189	5221810	5205203	5244734	1.04	cps
Iron	54-2	11686733	11773295	11601555	11687194	0.73	cps
Krypton	83-1	397	417	447	420	5.99	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:24:44 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20759	20863	20950	20857	0.46	cps
Lead	207-1	15949	15589	15853	15797	1.18	cps
Lead	208-1	76540	76798	75557	76299	0.86	cps
Lithium	6-1	600039	630941	615806	615595	2.51	cps
Magnesium	24-2	19836378	19914770	19784978	19845375	0.33	cps
Manganese	55-2	16216	16429	16576	16407	1.10	cps
Molybdenum	94-1	3009786	3113509	3058285	3060527	1.70	cps
Molybdenum	95-1	5307475	5354187	5366692	5342785	0.58	cps
Molybdenum	96-1	5804301	5695112	5736585	5745332	0.96	cps
Molybdenum	97-1	3357600	3319606	3313845	3330350	0.71	cps
Molybdenum	98-1	8483707	8657234	8628031	8589657	1.08	cps
Neodymium	150-1	30	23	23	26	15.07	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	6008	5668	5861	5846	2.92	cps
Phosphorus	31-2	724143	725946	726722	725604	0.18	cps
Potassium	39-2	27313985	26948582	26887670	27050079	0.85	cps
Rhodium	103-1	4856649	4742115	4766924	4788563	1.26	cps
Rhodium	103-2	3057567	3037776	2958262	3017869	1.74	cps
Scandium	45-1	2883549	2908003	2806892	2866148	1.84	cps
Scandium	45-2	272875	271310	272870	272352	0.33	cps
Selenium	82-1	187	169	184	180	5.59	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	750	610	637	666	11.17	cps
Silicon	28-1	1170448	868668	859514	966210	18.31	cps
Silver	107-1	157	220	270	216	26.35	cps
Silver	109-1	107	163	257	176	43.14	cps
Sodium	23-2	33698564	33878928	33359858	33645783	0.78	cps
Strontium	86-1	60688	60704	60691	60694	0.01	cps
Strontium	88-1	526944	537086	534834	532955	1.00	cps
Sulfur	34-1	2201032	2184686	2185197	2190305	0.42	cps
Terbium	159-1	6582390	6428681	6405323	6472131	1.49	cps
Terbium	159-2	4870341	4854117	4757134	4827197	1.27	cps
Thallium	203-1	393	407	567	456	21.17	cps
Thallium	205-1	767	1013	1120	967	18.75	cps
Tin	118-1	3000	3480	3640	3374	9.87	cps
Titanium	47-1	1339583	1386161	1346936	1357560	1.84	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:24:44 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	393	450	287	377	22.02	cps
Vanadium	51-2	383	410	383	392	3.93	cps
Yttrium	89-1	7594042	7443086	7683067	7573398	1.60	cps
Yttrium	89-2	2217985	2240772	2207682	2222146	0.76	cps
Zinc	66-2	7265	7482	7248	7332	1.78	cps
Zirconium	90-1	567	593	633	598	5.61	cps
Zirconium	91-1	110	113	150	124	17.83	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:27:51 DataFile Name : 022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11075452	10821503	11043109	10980021	1.26	cps
Antimony	121-1	104909	107643	106789	106447	1.31	cps
Arsenic	75-2	6512	6491	6655	6553	1.36	cps
Barium	135-1	28846	27998	28198	28347	1.56	cps
Barium	137-1	49191	49148	49332	49224	0.20	cps
Beryllium	9-1	14723	14028	14305	14352	2.44	cps
Bismuth	209-1	3898108	3896568	3894425	3896367	0.05	cps
Bismuth	209-2	3579602	3588155	3543014	3570257	0.67	cps
Bromine	81-1	29296	29724	30288	29769	1.67	cps
Bromine	81-2	393	383	350	376	6.04	cps
Cadmium	108-1	2960	2914	2810	2895	2.65	cps
Cadmium	106-1	5334	5204	5181	5240	1.58	cps
Cadmium	111-1	29859	31067	30799	30575	2.07	cps
Calcium	43-1	1345191	1330543	1334425	1336720	0.57	cps
Calcium	44-1	22233751	22371827	22510583	22372054	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90386	90741	91418	90848	0.58	cps
Cobalt	59-2	75897	74896	75361	75385	0.66	cps
Copper	63-2	76699	75744	75851	76098	0.69	cps
Dysprosium	156-1	20	33	20	24	31.49	cps
Dysprosium	156-2	40	30	20	30	33.33	cps
Erbium	164-1	67	53	50	57	15.57	cps
Erbium	164-2	53	70	50	58	18.55	cps
Gadolinium	160-1	50	37	33	40	22.05	cps
Gadolinium	160-2	317	323	307	316	2.66	cps
Holmium	165-1	6478713	6398191	6513007	6463304	0.91	cps
Holmium	165-2	5021900	4976815	4919207	4972641	1.04	cps
Indium	115-1	5190715	5290689	5184142	5221849	1.14	cps
Indium	115-2	2066986	2109415	2048524	2074975	1.50	cps
Iron	56-2	203067710	200475424	202440270	201994468	0.67	cps
Iron	57-2	5031039	4990174	5004695	5008636	0.41	cps
Iron	54-2	11206002	11189024	11238238	11211088	0.22	cps
Krypton	83-1	373	347	377	366	4.50	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:27:51 DataFile Name : 022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	100676	98171	100518	99788	1.41	cps
Lead	207-1	83497	84212	83820	83843	0.43	cps
Lead	208-1	389146	384836	386968	386984	0.56	cps
Lithium	6-1	628055	603452	620782	617430	2.05	cps
Magnesium	24-2	18820597	18732942	18707059	18753533	0.32	cps
Manganese	55-2	53097	52769	52615	52827	0.47	cps
Molybdenum	94-1	3152115	3252916	3185939	3196990	1.60	cps
Molybdenum	95-1	5255011	5292314	5223476	5256934	0.66	cps
Molybdenum	96-1	5599184	5767226	5704286	5690232	1.49	cps
Molybdenum	97-1	3266447	3336576	3267120	3290048	1.22	cps
Molybdenum	98-1	8474521	8610282	8468670	8517824	0.94	cps
Neodymium	150-1	23	30	23	26	15.07	cps
Neodymium	150-2	23	30	10	21	48.24	cps
Nickel	60-2	24310	23739	23382	23810	1.97	cps
Phosphorus	31-2	693271	690023	690865	691387	0.24	cps
Potassium	39-2	26098274	25808447	25814215	25906979	0.64	cps
Rhodium	103-1	4931847	4904617	4867176	4901213	0.66	cps
Rhodium	103-2	3097114	3039777	3024530	3053807	1.25	cps
Scandium	45-1	2983286	2939366	2960317	2960990	0.74	cps
Scandium	45-2	276492	276813	278887	277397	0.47	cps
Selenium	82-1	2348	2564	2379	2430	4.79	cps
Selenium	77-2	260	267	240	256	5.43	cps
Selenium	78-2	1567	1647	1650	1621	2.91	cps
Silicon	28-1	1252396	1268867	1266989	1262751	0.71	cps
Silver	107-1	136730	139985	138190	138302	1.18	cps
Silver	109-1	129926	132472	129308	130569	1.28	cps
Sodium	23-2	32368027	32009491	32394170	32257229	0.67	cps
Strontium	86-1	141036	141874	141230	141380	0.31	cps
Strontium	88-1	1233496	1252839	1255790	1247375	0.97	cps
Sulfur	34-1	2162445	2136160	2222051	2173552	2.02	cps
Terbium	159-1	6648222	6749881	6705980	6701361	0.76	cps
Terbium	159-2	4858492	4928061	4988448	4925000	1.32	cps
Thallium	203-1	98721	99893	100108	99574	0.75	cps
Thallium	205-1	234505	235058	233222	234262	0.40	cps
Tin	118-1	210011	214256	212882	212383	1.02	cps
Titanium	47-1	1340141	1331517	1343994	1338551	0.48	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:27:51 DataFile Name : 022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	755514	752094	765405	757671	0.91	cps
Vanadium	51-2	39438	39117	39228	39261	0.41	cps
Yttrium	89-1	7867133	7769142	7718818	7785031	0.97	cps
Yttrium	89-2	2277145	2290692	2311477	2293104	0.75	cps
Zinc	66-2	16342	16473	16192	16336	0.86	cps
Zirconium	90-1	452177	454474	455049	453900	0.33	cps
Zirconium	91-1	101001	103411	102367	102260	1.18	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:30:55 DataFile Name : 023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6149494	6103996	6141527	6131672	0.40	cps
Antimony	121-1	2428594	2465317	2478014	2457308	1.04	cps
Arsenic	75-2	158898	157988	159383	158756	0.45	cps
Barium	135-1	3248899	3320277	3308190	3292455	1.16	cps
Barium	137-1	5717001	5830610	5778891	5775500	0.98	cps
Beryllium	9-1	348210	350205	352620	350345	0.63	cps
Bismuth	209-1	3835069	3813279	3792862	3813737	0.55	cps
Bismuth	209-2	3305029	3403719	3372501	3360416	1.50	cps
Bromine	81-1	27082	27502	28761	27782	3.15	cps
Bromine	81-2	180	160	173	171	5.95	cps
Cadmium	108-1	50026	50578	51190	50598	1.15	cps
Cadmium	106-1	72296	72262	73776	72778	1.19	cps
Cadmium	111-1	682577	700050	701765	694797	1.53	cps
Calcium	43-1	3278675	3426831	3432612	3379373	2.58	cps
Calcium	44-1	55654368	56026634	57840096	56507032	2.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1130263	1134008	1133350	1132540	0.18	cps
Cobalt	59-2	1778288	1764346	1727278	1756637	1.50	cps
Copper	63-2	13219066	13124593	12979678	13107779	0.92	cps
Dysprosium	156-1	127	120	123	123	2.70	cps
Dysprosium	156-2	207	223	173	201	12.66	cps
Erbium	164-1	153	163	153	157	3.69	cps
Erbium	164-2	147	153	127	142	9.76	cps
Gadolinium	160-1	103	83	137	108	25.00	cps
Gadolinium	160-2	320	313	370	334	9.26	cps
Holmium	165-1	6490017	6501264	6532147	6507809	0.34	cps
Holmium	165-2	4807936	4911811	4828620	4849456	1.13	cps
Indium	115-1	5139127	5267016	5137408	5181184	1.43	cps
Indium	115-2	2033120	2023735	2038276	2031711	0.36	cps
Iron	56-2	258556976	257271236	253657610	256495274	0.99	cps
Iron	57-2	6537467	6386703	6341207	6421792	1.60	cps
Iron	54-2	14158039	13952176	13999246	14036487	0.77	cps
Krypton	83-1	373	423	373	390	7.40	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:30:55 DataFile Name : 023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9853237	9868945	9908154	9876779	0.29	cps
Lead	207-1	8636436	8835213	8783646	8751765	1.18	cps
Lead	208-1	39352102	39520360	39769135	39547199	0.53	cps
Lithium	6-1	636454	630154	620384	628997	1.29	cps
Magnesium	24-2	50895866	49966654	50203606	50355375	0.96	cps
Manganese	55-2	9919147	9826595	9828437	9858060	0.54	cps
Molybdenum	94-1	9087718	9333312	9309430	9243487	1.47	cps
Molybdenum	95-1	13143829	13225943	13461140	13276971	1.24	cps
Molybdenum	96-1	14300990	14585968	14495029	14460662	1.01	cps
Molybdenum	97-1	7962413	8216733	8302256	8160468	2.17	cps
Molybdenum	98-1	20615894	21276212	21542657	21144921	2.26	cps
Neodymium	150-1	167	200	210	192	11.80	cps
Neodymium	150-2	107	67	63	79	30.57	cps
Nickel	60-2	449807	448279	451451	449846	0.35	cps
Phosphorus	31-2	72113	72477	72501	72363	0.30	cps
Potassium	39-2	33789455	33477152	33776729	33681112	0.52	cps
Rhodium	103-1	4777574	4755976	4743624	4759058	0.36	cps
Rhodium	103-2	2952999	2987036	3015968	2985334	1.06	cps
Scandium	45-1	2942926	2908185	2979727	2943613	1.22	cps
Scandium	45-2	281507	284572	285130	283736	0.69	cps
Selenium	82-1	52956	53783	54584	53774	1.51	cps
Selenium	77-2	6692	6381	6378	6484	2.78	cps
Selenium	78-2	22043	22420	22220	22228	0.85	cps
Silicon	28-1	9448482	9588561	9671606	9569549	1.18	cps
Silver	107-1	3394640	3385870	3490856	3423789	1.70	cps
Silver	109-1	3224261	3311172	3273418	3269617	1.33	cps
Sodium	23-2	81634845	79649025	81112825	80798899	1.27	cps
Strontium	86-1	826687	844286	847683	839552	1.34	cps
Strontium	88-1	7274043	7489635	7437414	7400364	1.52	cps
Sulfur	34-1	303130	308991	307542	306554	1.00	cps
Terbium	159-1	6667149	6664201	6684556	6671969	0.16	cps
Terbium	159-2	4833275	4825501	4911406	4856727	0.98	cps
Thallium	203-1	2529136	2498472	2521832	2516480	0.64	cps
Thallium	205-1	5895731	5893280	5950738	5913249	0.55	cps
Tin	118-1	2131265	2121355	2183967	2145529	1.57	cps
Titanium	47-1	3299274	3284157	3348253	3310561	1.01	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:30:55 DataFile Name : 023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7825845	7941633	8044366	7937281	1.38	cps
Vanadium	51-2	1004705	992708	993019	996811	0.69	cps
Yttrium	89-1	7782298	7847668	7817591	7815852	0.42	cps
Yttrium	89-2	2280389	2262946	2307222	2283519	0.98	cps
Zinc	66-2	2844165	2810119	2825327	2826537	0.60	cps
Zirconium	90-1	4502082	4543448	4676982	4574171	2.00	cps
Zirconium	91-1	1002683	1026825	1027714	1019074	1.39	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:33:49 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330	387	367	361	7.96	cps
Antimony	121-1	410	497	470	459	9.67	cps
Arsenic	75-2	7	13	7	9	43.25	cps
Barium	135-1	47	30	43	40	22.05	cps
Barium	137-1	117	77	47	80	43.90	cps
Beryllium	9-1	68	48	51	56	19.45	cps
Bismuth	209-1	3945747	3901417	4011992	3953052	1.41	cps
Bismuth	209-2	3558082	3508487	3639935	3568835	1.86	cps
Bromine	81-1	28100	28658	29493	28750	2.44	cps
Bromine	81-2	280	207	207	231	18.32	cps
Cadmium	108-1	7	10	7	8	24.71	cps
Cadmium	106-1	1887	1850	1767	1835	3.35	cps
Cadmium	111-1	1383	1335	1272	1330	4.17	cps
Calcium	43-1	427	367	317	370	14.89	cps
Calcium	44-1	10157	9337	9657	9717	4.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	900	940	957	932	3.12	cps
Cobalt	59-2	83	87	113	94	17.41	cps
Copper	63-2	3247	3070	3137	3151	2.83	cps
Dysprosium	156-1	7	7	7	7	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	20	30	47	32	41.81	cps
Erbium	164-2	37	40	40	39	4.94	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Gadolinium	160-2	257	287	317	287	10.47	cps
Holmium	165-1	6302590	6400593	6307756	6336980	0.87	cps
Holmium	165-2	4839276	4723926	4851076	4804759	1.46	cps
Indium	115-1	5365806	5264866	5308755	5313142	0.95	cps
Indium	115-2	2099998	2101530	2105787	2102438	0.14	cps
Iron	56-2	25889	25949	25535	25791	0.87	cps
Iron	57-2	1287	1173	1400	1287	8.81	cps
Iron	54-2	2774	2814	2684	2757	2.42	cps
Krypton	83-1	337	400	287	341	16.65	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:33:49 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1130	1060	1120	1103	3.43	cps
Lead	207-1	1027	990	877	964	8.11	cps
Lead	208-1	4610	4164	4184	4319	5.84	cps
Lithium	6-1	627457	630183	637832	631824	0.85	cps
Magnesium	24-2	810	800	807	806	0.63	cps
Manganese	55-2	2124	2160	2080	2121	1.89	cps
Molybdenum	94-1	467	417	390	424	9.17	cps
Molybdenum	95-1	457	247	313	339	31.67	cps
Molybdenum	96-1	630	410	390	477	27.94	cps
Molybdenum	97-1	287	190	200	226	23.57	cps
Molybdenum	98-1	740	413	423	526	35.35	cps
Neodymium	150-1	7	3	3	4	43.40	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	197	227	197	207	8.38	cps
Phosphorus	31-2	293	333	263	297	11.84	cps
Potassium	39-2	52550	51176	50741	51489	1.83	cps
Rhodium	103-1	4977534	4974621	4958989	4970381	0.20	cps
Rhodium	103-2	3205033	3164644	3086253	3151977	1.92	cps
Scandium	45-1	2873879	2833519	2903757	2870385	1.23	cps
Scandium	45-2	273905	273026	272256	273062	0.30	cps
Selenium	82-1	231	177	343	250	33.90	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	703	707	697	702	0.73	cps
Silicon	28-1	838110	836963	839575	838216	0.16	cps
Silver	107-1	207	183	170	187	9.94	cps
Silver	109-1	180	90	157	142	32.84	cps
Sodium	23-2	20487	20374	20217	20359	0.67	cps
Strontium	86-1	630	553	647	610	8.16	cps
Strontium	88-1	227	100	143	157	41.09	cps
Sulfur	34-1	97338	99954	98934	98742	1.34	cps
Terbium	159-1	6498551	6494232	6546075	6512952	0.44	cps
Terbium	159-2	4888122	4721570	4850268	4819987	1.81	cps
Thallium	203-1	590	623	583	599	3.58	cps
Thallium	205-1	1527	1437	1343	1436	6.39	cps
Tin	118-1	1137	1147	1030	1104	5.85	cps
Titanium	47-1	133	60	57	83	52.00	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:33:49 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	183	47	70	100	73.11	cps
Vanadium	51-2	13	13	20	16	24.76	cps
Yttrium	89-1	7423947	7643600	7511097	7526215	1.47	cps
Yttrium	89-2	2320785	2284725	2263500	2289670	1.26	cps
Zinc	66-2	437	483	353	424	15.52	cps
Zirconium	90-1	707	667	703	692	3.21	cps
Zirconium	91-1	177	143	133	151	15.01	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:37:07 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2654	2590	2724	2656	2.51	cps
Antimony	121-1	9763	10170	10210	10048	2.46	cps
Arsenic	75-2	393	387	293	358	15.63	cps
Barium	135-1	12536	12602	12826	12655	1.20	cps
Barium	137-1	21586	22381	22665	22211	2.52	cps
Beryllium	9-1	735	775	708	739	4.53	cps
Bismuth	209-1	4004458	4029203	3933697	3989119	1.24	cps
Bismuth	209-2	3566323	3642433	3548925	3585894	1.39	cps
Bromine	81-1	30117	29961	29750	29943	0.62	cps
Bromine	81-2	217	287	200	234	19.62	cps
Cadmium	108-1	93	103	130	109	17.41	cps
Cadmium	106-1	2054	2177	1760	1997	10.72	cps
Cadmium	111-1	2716	2768	2658	2714	2.03	cps
Calcium	43-1	7205	7649	7435	7430	2.99	cps
Calcium	44-1	123475	125936	124430	124614	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5301	5444	5534	5427	2.17	cps
Cobalt	59-2	3761	3751	3861	3791	1.61	cps
Copper	63-2	8002	7909	8139	8017	1.44	cps
Dysprosium	156-1	3	3	0	2	86.60	cps
Dysprosium	156-2	3	0	17	7	132.33	cps
Erbium	164-1	93	40	43	59	50.74	cps
Erbium	164-2	40	23	23	29	33.32	cps
Gadolinium	160-1	23	27	27	26	7.55	cps
Gadolinium	160-2	297	267	250	271	8.72	cps
Holmium	165-1	6386619	6366603	6233963	6329062	1.31	cps
Holmium	165-2	4748422	4846672	4746382	4780492	1.20	cps
Indium	115-1	5281859	5301022	5237828	5273570	0.61	cps
Indium	115-2	2103296	2161157	2039555	2101336	2.89	cps
Iron	56-2	135431	131398	130450	132426	2.00	cps
Iron	57-2	4101	4081	4057	4079	0.53	cps
Iron	54-2	8723	8866	8789	8793	0.82	cps
Krypton	83-1	320	323	357	333	6.08	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:37:07 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4974	4958	4798	4910	1.99	cps
Lead	207-1	4301	3997	4141	4146	3.66	cps
Lead	208-1	19292	18832	19042	19055	1.21	cps
Lithium	6-1	622755	635215	619577	625849	1.32	cps
Magnesium	24-2	99023	100318	98657	99332	0.88	cps
Manganese	55-2	4051	3857	3767	3892	3.72	cps
Molybdenum	94-1	10881	10911	11301	11031	2.13	cps
Molybdenum	95-1	12502	12759	13263	12841	3.01	cps
Molybdenum	96-1	14194	14587	14661	14481	1.73	cps
Molybdenum	97-1	7722	8149	8242	8038	3.45	cps
Molybdenum	98-1	21069	20892	20464	20808	1.49	cps
Neodymium	150-1	10	13	0	8	89.21	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	1187	1153	1110	1150	3.34	cps
Phosphorus	31-2	463	487	467	472	2.67	cps
Potassium	39-2	182888	183769	182317	182991	0.40	cps
Rhodium	103-1	4921513	5053258	4943198	4972656	1.42	cps
Rhodium	103-2	3157012	3126519	3082867	3122133	1.19	cps
Scandium	45-1	2934293	2954179	2892335	2926936	1.08	cps
Scandium	45-2	280357	279281	275873	278504	0.84	cps
Selenium	82-1	784	795	711	763	5.96	cps
Selenium	77-2	57	97	60	71	31.21	cps
Selenium	78-2	1023	900	887	937	8.04	cps
Silicon	28-1	846452	846551	846753	846585	0.02	cps
Silver	107-1	6958	7155	6532	6882	4.63	cps
Silver	109-1	6735	6558	6478	6590	1.99	cps
Sodium	23-2	173347	178311	175275	175644	1.42	cps
Strontium	86-1	2234	2324	2200	2252	2.83	cps
Strontium	88-1	15265	15338	15121	15241	0.72	cps
Sulfur	34-1	105179	105229	107109	105839	1.04	cps
Terbium	159-1	6468958	6591065	6541907	6533977	0.94	cps
Terbium	159-2	4879128	4892460	4714736	4828775	2.05	cps
Thallium	203-1	5238	5284	5121	5214	1.61	cps
Thallium	205-1	12322	12252	12379	12318	0.52	cps
Tin	118-1	22261	23012	22274	22516	1.91	cps
Titanium	47-1	3257	3334	3294	3295	1.16	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:37:07 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14495	14792	14425	14570	1.34	cps
Vanadium	51-2	9730	9596	9416	9581	1.64	cps
Yttrium	89-1	7723480	7655305	7672292	7683692	0.46	cps
Yttrium	89-2	2277846	2263565	2256099	2265837	0.49	cps
Zinc	66-2	2780	2757	3030	2856	5.31	cps
Zirconium	90-1	9070	9356	9193	9206	1.56	cps
Zirconium	91-1	2130	1957	1917	2001	5.67	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : PB167465BL Instrumnet Name : P7
Client Sample ID : PB167465BL Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:40:29 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	233	227	233	2.86	cps
Antimony	121-1	53	107	103	88	34.04	cps
Arsenic	75-2	17	7	10	11	45.82	cps
Barium	135-1	10	30	17	19	53.91	cps
Barium	137-1	43	27	23	31	34.44	cps
Beryllium	9-1	44	41	54	46	15.03	cps
Bismuth	209-1	3952448	4005790	3908202	3955480	1.24	cps
Bismuth	209-2	3630820	3552150	3518893	3567288	1.61	cps
Bromine	81-1	29349	29052	28287	28896	1.90	cps
Bromine	81-2	113	167	103	128	26.65	cps
Cadmium	108-1	7	10	7	8	24.71	cps
Cadmium	106-1	1807	1963	1903	1891	4.18	cps
Cadmium	111-1	1287	1381	1341	1336	3.53	cps
Calcium	43-1	417	517	450	461	11.04	cps
Calcium	44-1	9377	9880	9373	9543	3.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	773	710	743	742	4.27	cps
Cobalt	59-2	70	63	97	77	23.01	cps
Copper	63-2	2434	2277	2410	2374	3.56	cps
Dysprosium	156-1	10	3	10	8	49.52	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	50	37	57	48	21.31	cps
Erbium	164-2	27	27	27	27	0.00	cps
Gadolinium	160-1	33	20	37	30	29.40	cps
Gadolinium	160-2	243	270	237	250	7.06	cps
Holmium	165-1	6300874	6284003	6240254	6275044	0.50	cps
Holmium	165-2	4746477	4779990	4827628	4784699	0.85	cps
Indium	115-1	5308907	5344439	5211053	5288133	1.31	cps
Indium	115-2	2122982	2097190	2056971	2092381	1.59	cps
Iron	56-2	23261	22457	23158	22959	1.91	cps
Iron	57-2	1003	1243	1217	1155	11.39	cps
Iron	54-2	2814	2644	2794	2750	3.38	cps
Krypton	83-1	347	353	383	361	5.41	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : PB167465BL Instrumnet Name : P7
Client Sample ID : PB167465BL Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:40:29 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	743	833	717	764	8.00	cps
Lead	207-1	583	703	713	667	10.85	cps
Lead	208-1	2877	3144	3134	3051	4.95	cps
Lithium	6-1	623487	622615	618773	621625	0.40	cps
Magnesium	24-2	290	320	347	319	8.89	cps
Manganese	55-2	850	917	917	894	4.30	cps
Molybdenum	94-1	153	157	150	153	2.17	cps
Molybdenum	95-1	67	67	90	74	18.09	cps
Molybdenum	96-1	200	163	160	174	12.72	cps
Molybdenum	97-1	80	47	50	59	31.17	cps
Molybdenum	98-1	93	97	117	102	12.35	cps
Neodymium	150-1	0	10	10	7	86.60	cps
Neodymium	150-2	13	0	0	4	173.21	cps
Nickel	60-2	187	173	157	172	8.73	cps
Phosphorus	31-2	263	363	337	321	16.13	cps
Potassium	39-2	49293	49758	49912	49654	0.65	cps
Rhodium	103-1	5025063	5005799	5049205	5026689	0.43	cps
Rhodium	103-2	3129765	3187014	3145959	3154246	0.94	cps
Scandium	45-1	3000173	2889126	2913300	2934200	1.99	cps
Scandium	45-2	281318	278399	280751	280156	0.55	cps
Selenium	82-1	224	187	207	206	8.82	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	870	713	740	774	10.82	cps
Silicon	28-1	834204	829242	828612	830686	0.37	cps
Silver	107-1	77	87	103	89	15.15	cps
Silver	109-1	47	37	63	49	27.55	cps
Sodium	23-2	18354	18284	18324	18321	0.19	cps
Strontium	86-1	500	540	630	557	11.96	cps
Strontium	88-1	103	137	120	120	13.89	cps
Sulfur	34-1	104977	105715	107438	106043	1.19	cps
Terbium	159-1	6369459	6450970	6555313	6458581	1.44	cps
Terbium	159-2	4944547	4774972	4730527	4816682	2.34	cps
Thallium	203-1	430	457	377	421	9.67	cps
Thallium	205-1	1050	1117	1017	1061	4.80	cps
Tin	118-1	867	837	787	830	4.87	cps
Titanium	47-1	80	63	77	73	12.03	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : PB167465BL Instrumnet Name : P7
Client Sample ID : PB167465BL Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:40:29 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	17	17	22	43.28	cps
Vanadium	51-2	13	7	17	12	41.65	cps
Yttrium	89-1	7730294	7724719	7750460	7735158	0.18	cps
Yttrium	89-2	2228027	2286861	2277129	2264005	1.39	cps
Zinc	66-2	280	300	383	321	17.07	cps
Zirconium	90-1	390	317	387	364	11.36	cps
Zirconium	91-1	80	77	47	68	27.08	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : PB167465BS Instrumnet Name : P7
Client Sample ID : PB167465BS Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:43:55 DataFile Name : 027LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1223583	1230170	1199213	1217655	1.34	cps
Antimony	121-1	2545813	2585925	2536578	2556105	1.03	cps
Arsenic	75-2	162203	160357	157799	160120	1.38	cps
Barium	135-1	3376768	3421688	3411776	3403411	0.69	cps
Barium	137-1	5936074	5863222	5947442	5915579	0.77	cps
Beryllium	9-1	342713	352515	356639	350623	2.04	cps
Bismuth	209-1	3994718	3888597	3985227	3956181	1.48	cps
Bismuth	209-2	3494751	3554773	3526115	3525213	0.85	cps
Bromine	81-1	28875	27696	27913	28162	2.23	cps
Bromine	81-2	167	210	190	189	11.48	cps
Cadmium	108-1	54592	53967	54920	54493	0.89	cps
Cadmium	106-1	77254	78049	78306	77870	0.70	cps
Cadmium	111-1	749145	752035	751018	750733	0.20	cps
Calcium	43-1	738129	737669	733117	736305	0.38	cps
Calcium	44-1	11650649	11573141	11498698	11574163	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1133556	1128426	1127082	1129688	0.30	cps
Cobalt	59-2	1805652	1775452	1789209	1790104	0.84	cps
Copper	63-2	13640012	13537507	13726052	13634524	0.69	cps
Dysprosium	156-1	70	83	47	67	27.83	cps
Dysprosium	156-2	173	203	157	178	13.30	cps
Erbium	164-1	107	90	77	91	16.50	cps
Erbium	164-2	87	70	77	78	10.79	cps
Gadolinium	160-1	53	57	77	62	20.29	cps
Gadolinium	160-2	273	350	360	328	14.47	cps
Holmium	165-1	6442322	6482163	6429702	6451396	0.42	cps
Holmium	165-2	4843413	4780695	4799358	4807822	0.67	cps
Indium	115-1	5316499	5234634	5256073	5269069	0.81	cps
Indium	115-2	2075044	2045048	2016452	2045515	1.43	cps
Iron	56-2	53415271	52533404	52271154	52739943	1.14	cps
Iron	57-2	1370899	1369422	1374770	1371697	0.20	cps
Iron	54-2	2904420	2912803	2966170	2927798	1.14	cps
Krypton	83-1	390	380	360	377	4.06	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : PB167465BS Instrumnet Name : P7
Client Sample ID : PB167465BS Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:43:55 DataFile Name : 027LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10225792	10125107	10332033	10227644	1.01	cps
Lead	207-1	9162018	9027841	9036929	9075596	0.83	cps
Lead	208-1	41256148	41095276	41110965	41154130	0.22	cps
Lithium	6-1	622220	630379	632615	628405	0.87	cps
Magnesium	24-2	10374445	10254751	10348601	10325932	0.61	cps
Manganese	55-2	9826502	9846668	9947811	9873660	0.66	cps
Molybdenum	94-1	9338422	9499686	9459497	9432535	0.89	cps
Molybdenum	95-1	13360931	13626203	13444258	13477131	1.01	cps
Molybdenum	96-1	14712865	15000879	14968942	14894229	1.06	cps
Molybdenum	97-1	8375158	8344287	8262441	8327296	0.70	cps
Molybdenum	98-1	21640095	21783464	21501341	21641633	0.65	cps
Neodymium	150-1	130	137	173	147	15.91	cps
Neodymium	150-2	40	47	80	56	38.57	cps
Nickel	60-2	465658	462064	461517	463080	0.49	cps
Phosphorus	31-2	72243	71144	71654	71680	0.77	cps
Potassium	39-2	6847649	6734355	6743331	6775111	0.93	cps
Rhodium	103-1	5006992	4997570	4935900	4980154	0.78	cps
Rhodium	103-2	3093394	3117694	3083850	3098312	0.56	cps
Scandium	45-1	2922592	2945224	2965068	2944295	0.72	cps
Scandium	45-2	277249	275778	274524	275850	0.49	cps
Selenium	82-1	56611	57679	57845	57378	1.17	cps
Selenium	77-2	6915	6632	6495	6680	3.21	cps
Selenium	78-2	23018	22621	23122	22920	1.15	cps
Silicon	28-1	10739286	10674519	10722847	10712217	0.31	cps
Silver	107-1	3536181	3593078	3645865	3591708	1.53	cps
Silver	109-1	3518185	3491371	3533154	3514237	0.60	cps
Sodium	23-2	16812584	16651558	16745234	16736459	0.48	cps
Strontium	86-1	863797	863835	865984	864539	0.14	cps
Strontium	88-1	7624053	7595569	7709303	7642975	0.77	cps
Sulfur	34-1	315263	314534	308454	312751	1.20	cps
Terbium	159-1	6557717	6667637	6609541	6611632	0.83	cps
Terbium	159-2	4927836	4820525	4816713	4855025	1.30	cps
Thallium	203-1	2577306	2621303	2608830	2602480	0.87	cps
Thallium	205-1	6215358	6091660	6166637	6157885	1.01	cps
Tin	118-1	2206684	2229361	2250052	2228699	0.97	cps
Titanium	47-1	3385174	3428642	3384253	3399357	0.75	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : PB167465BS Instrumnet Name : P7
Client Sample ID : PB167465BS Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:43:55 DataFile Name : 027LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8042043	8054050	7978701	8024931	0.50	cps
Vanadium	51-2	986749	986389	987405	986848	0.05	cps
Yttrium	89-1	7824683	7735788	7830861	7797111	0.68	cps
Yttrium	89-2	2272352	2239406	2217903	2243220	1.22	cps
Zinc	66-2	2661201	2626053	2639764	2642339	0.67	cps
Zirconium	90-1	4601834	4616989	4594618	4604481	0.25	cps
Zirconium	91-1	1031549	1040115	1035931	1035865	0.41	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:46:45 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200472	200101	200394	200322	0.10	cps
Antimony	121-1	9293	9376	9413	9361	0.66	cps
Arsenic	75-2	260	307	357	308	15.71	cps
Barium	135-1	176344	175116	173770	175077	0.74	cps
Barium	137-1	303886	303342	301617	302948	0.39	cps
Beryllium	9-1	61	41	31	45	34.40	cps
Bismuth	209-1	4287022	4374079	4405026	4355376	1.40	cps
Bismuth	209-2	3911615	3893405	3797233	3867418	1.59	cps
Bromine	81-1	52199	57217	60360	56592	7.27	cps
Bromine	81-2	7649	7926	8246	7940	3.76	cps
Cadmium	108-1	30	43	27	33	26.45	cps
Cadmium	106-1	2134	2007	1957	2032	4.48	cps
Cadmium	111-1	1549	1451	1421	1474	4.54	cps
Calcium	43-1	1411247	1443141	1408671	1421020	1.35	cps
Calcium	44-1	23781524	23867408	23196017	23614983	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2427	2500	2437	2455	1.62	cps
Cobalt	59-2	820	760	813	798	4.12	cps
Copper	63-2	2640	2560	2484	2561	3.06	cps
Dysprosium	156-1	27	3	23	18	71.00	cps
Dysprosium	156-2	20	3	0	8	137.80	cps
Erbium	164-1	50	67	47	54	19.68	cps
Erbium	164-2	30	40	37	36	14.32	cps
Gadolinium	160-1	33	23	40	32	26.04	cps
Gadolinium	160-2	287	283	277	282	1.80	cps
Holmium	165-1	7060935	7091856	7091245	7081345	0.25	cps
Holmium	165-2	5313868	5251666	5227456	5264330	0.85	cps
Indium	115-1	5890677	5834791	5842597	5856022	0.52	cps
Indium	115-2	2246084	2278531	2303851	2276155	1.27	cps
Iron	56-2	166608	165234	165383	165742	0.45	cps
Iron	57-2	32442	33427	33207	33025	1.57	cps
Iron	54-2	10380	10604	10414	10466	1.15	cps
Krypton	83-1	277	297	257	277	7.23	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:46:45 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1343	1140	1067	1183	12.11	cps
Lead	207-1	923	947	973	948	2.64	cps
Lead	208-1	4780	4477	4380	4546	4.59	cps
Lithium	6-1	699019	702273	691744	697679	0.77	cps
Magnesium	24-2	72047	72523	71311	71961	0.85	cps
Manganese	55-2	11491	11171	11488	11383	1.62	cps
Molybdenum	94-1	129803	132150	130143	130698	0.97	cps
Molybdenum	95-1	229424	229489	227407	228773	0.52	cps
Molybdenum	96-1	244930	244156	243052	244046	0.39	cps
Molybdenum	97-1	144140	143733	144325	144066	0.21	cps
Molybdenum	98-1	372228	366806	366559	368531	0.87	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	10397	10821	10661	10626	2.01	cps
Phosphorus	31-2	617	490	573	560	11.50	cps
Potassium	39-2	6902339	6940967	6847932	6897079	0.68	cps
Rhodium	103-1	5485163	5427704	5449512	5454126	0.53	cps
Rhodium	103-2	3476015	3488350	3424609	3462991	0.98	cps
Scandium	45-1	3309868	3293178	3184107	3262384	2.09	cps
Scandium	45-2	310416	310962	309806	310394	0.19	cps
Selenium	82-1	367	329	430	375	13.54	cps
Selenium	77-2	23	3	3	10	115.51	cps
Selenium	78-2	817	773	750	780	4.34	cps
Silicon	28-1	11324307	11385488	11138327	11282707	1.14	cps
Silver	107-1	170	140	123	144	16.37	cps
Silver	109-1	107	110	130	116	10.92	cps
Sodium	23-2	7201971	7222520	7215963	7213485	0.15	cps
Strontium	86-1	1040505	1037870	1029877	1036084	0.53	cps
Strontium	88-1	9371102	9144841	9062744	9192896	1.74	cps
Sulfur	34-1	190173	187660	189598	189144	0.70	cps
Terbium	159-1	7358518	7356397	7209823	7308246	1.17	cps
Terbium	159-2	5375874	5327279	5157441	5286865	2.17	cps
Thallium	203-1	510	450	380	447	14.57	cps
Thallium	205-1	1203	1203	1120	1176	4.09	cps
Tin	118-1	2190	2167	2184	2180	0.55	cps
Titanium	47-1	340	227	307	291	20.01	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:46:45 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	133	127	150	137	8.79	cps
Vanadium	51-2	8279	8066	7915	8087	2.26	cps
Yttrium	89-1	8525343	8565071	8423879	8504764	0.86	cps
Yttrium	89-2	2514176	2478996	2537586	2510253	1.17	cps
Zinc	66-2	800	763	670	744	9.00	cps
Zirconium	90-1	603	617	563	594	4.67	cps
Zirconium	91-1	177	133	133	148	16.93	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01DUP Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225DUP Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:49:57 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207160	205403	209733	207432	1.05	cps
Antimony	121-1	9316	9457	9433	9402	0.80	cps
Arsenic	75-2	337	350	353	347	2.54	cps
Barium	135-1	178197	179913	176334	178148	1.00	cps
Barium	137-1	306386	311617	306027	308010	1.02	cps
Beryllium	9-1	34	38	58	43	29.13	cps
Bismuth	209-1	4349333	4288208	4329104	4322215	0.72	cps
Bismuth	209-2	3865350	3857421	3799855	3840875	0.93	cps
Bromine	81-1	58074	64313	65990	62792	6.64	cps
Bromine	81-2	8362	8392	8629	8461	1.73	cps
Cadmium	108-1	47	43	33	41	16.89	cps
Cadmium	106-1	2204	2134	2147	2161	1.72	cps
Cadmium	111-1	1580	1523	1523	1542	2.13	cps
Calcium	43-1	1421855	1434320	1433634	1429937	0.49	cps
Calcium	44-1	23800796	23478026	23444092	23574305	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1970	2097	2207	2091	5.66	cps
Cobalt	59-2	587	587	590	588	0.33	cps
Copper	63-2	2414	2490	2564	2489	3.01	cps
Dysprosium	156-1	3	3	13	7	86.65	cps
Dysprosium	156-2	3	10	20	11	75.52	cps
Erbium	164-1	60	73	43	59	25.53	cps
Erbium	164-2	37	20	30	29	29.04	cps
Gadolinium	160-1	20	30	30	27	21.65	cps
Gadolinium	160-2	320	280	260	287	10.66	cps
Holmium	165-1	7275928	7242682	7028109	7182239	1.87	cps
Holmium	165-2	5309370	5356913	5152843	5273042	2.02	cps
Indium	115-1	6001086	6011084	5878242	5963471	1.24	cps
Indium	115-2	2362944	2309666	2343006	2338539	1.15	cps
Iron	56-2	169163	169912	168608	169228	0.39	cps
Iron	57-2	33694	34182	33407	33761	1.16	cps
Iron	54-2	10350	10460	10327	10379	0.69	cps
Krypton	83-1	313	303	360	326	9.29	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01DUP Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225DUP Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:49:57 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	900	1000	1053	984	7.91	cps
Lead	207-1	873	853	867	864	1.18	cps
Lead	208-1	3877	3984	3977	3946	1.51	cps
Lithium	6-1	653354	657362	646613	652443	0.83	cps
Magnesium	24-2	75963	74657	74683	75101	0.99	cps
Manganese	55-2	14624	14324	14277	14408	1.31	cps
Molybdenum	94-1	132288	132422	132957	132556	0.27	cps
Molybdenum	95-1	233128	232760	232457	232782	0.14	cps
Molybdenum	96-1	248455	248090	248098	248214	0.08	cps
Molybdenum	97-1	144928	144409	146617	145318	0.79	cps
Molybdenum	98-1	371996	377707	373487	374397	0.79	cps
Neodymium	150-1	40	7	10	19	97.18	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	9810	10277	9910	9999	2.46	cps
Phosphorus	31-2	650	677	687	671	2.82	cps
Potassium	39-2	7155313	7106346	7275153	7178937	1.21	cps
Rhodium	103-1	5689458	5626857	5563449	5626588	1.12	cps
Rhodium	103-2	3484788	3504298	3515983	3501690	0.45	cps
Scandium	45-1	3344525	3280285	3273951	3299587	1.18	cps
Scandium	45-2	321934	322173	323029	322378	0.18	cps
Selenium	82-1	356	384	383	374	4.31	cps
Selenium	77-2	17	13	7	12	41.65	cps
Selenium	78-2	773	810	820	801	3.07	cps
Silicon	28-1	11330800	11511369	11399033	11413734	0.80	cps
Silver	107-1	77	63	100	80	23.20	cps
Silver	109-1	47	60	60	56	13.85	cps
Sodium	23-2	7384107	7438942	7466085	7429712	0.56	cps
Strontium	86-1	1056244	1061606	1065418	1061090	0.43	cps
Strontium	88-1	9466367	9510150	9448300	9474939	0.34	cps
Sulfur	34-1	198808	202134	205764	202235	1.72	cps
Terbium	159-1	7378723	7350388	7338202	7355771	0.28	cps
Terbium	159-2	5176819	5289556	5330433	5265603	1.51	cps
Thallium	203-1	333	377	363	358	6.20	cps
Thallium	205-1	763	773	740	759	2.25	cps
Tin	118-1	2124	2027	2067	2072	2.34	cps
Titanium	47-1	273	297	297	289	4.66	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01DUP Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225DUP Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:49:57 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	103	147	137	129	17.61	cps
Vanadium	51-2	8356	8292	8562	8404	1.68	cps
Yttrium	89-1	8687042	8797945	8681597	8722195	0.75	cps
Yttrium	89-2	2566522	2562740	2572765	2567342	0.20	cps
Zinc	66-2	783	677	600	687	13.41	cps
Zirconium	90-1	560	547	517	541	4.10	cps
Zirconium	91-1	113	77	97	96	19.21	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01LX5 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225L Dilution Factor : 5
Date & Time Acquired : 2025-04-04 15:53:13 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39551	39330	39999	39627	0.86	cps
Antimony	121-1	1820	1810	1860	1830	1.45	cps
Arsenic	75-2	73	63	77	71	9.76	cps
Barium	135-1	33553	34228	32236	33339	3.04	cps
Barium	137-1	56980	58021	57198	57400	0.96	cps
Beryllium	9-1	54	21	41	39	43.47	cps
Bismuth	209-1	4071223	4023730	3987392	4027448	1.04	cps
Bismuth	209-2	3586012	3664660	3584326	3611666	1.27	cps
Bromine	81-1	41381	41241	40064	40896	1.77	cps
Bromine	81-2	2850	2800	2687	2779	3.01	cps
Cadmium	108-1	7	20	17	14	48.02	cps
Cadmium	106-1	2097	1847	1943	1962	6.43	cps
Cadmium	111-1	1486	1309	1362	1386	6.58	cps
Calcium	43-1	280762	283657	279651	281357	0.74	cps
Calcium	44-1	4363057	4445955	4422290	4410434	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1263	1353	1227	1281	5.09	cps
Cobalt	59-2	130	163	180	158	16.14	cps
Copper	63-2	2477	2394	2394	2421	1.99	cps
Dysprosium	156-1	7	3	13	8	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	60	40	27	42	39.73	cps
Erbium	164-2	30	60	50	47	32.73	cps
Gadolinium	160-1	47	33	33	38	20.39	cps
Gadolinium	160-2	257	247	260	254	2.73	cps
Holmium	165-1	6589621	6466608	6500521	6518917	0.97	cps
Holmium	165-2	4837141	4936440	4973937	4915839	1.44	cps
Indium	115-1	5469700	5485808	5508024	5487844	0.35	cps
Indium	115-2	2177496	2127085	2170658	2158413	1.27	cps
Iron	56-2	54314	53177	54080	53857	1.12	cps
Iron	57-2	7499	7662	7805	7655	2.01	cps
Iron	54-2	4181	4104	4417	4234	3.86	cps
Krypton	83-1	387	440	423	417	6.55	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01LX5 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225L Dilution Factor : 5
Date & Time Acquired : 2025-04-04 15:53:13 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	870	777	710	786	10.23	cps
Lead	207-1	683	627	677	662	4.68	cps
Lead	208-1	3200	3047	2997	3081	3.44	cps
Lithium	6-1	589143	598734	591481	593119	0.84	cps
Magnesium	24-2	14230	13960	14377	14189	1.49	cps
Manganese	55-2	3917	3941	4144	4001	3.12	cps
Molybdenum	94-1	24644	25686	25462	25264	2.17	cps
Molybdenum	95-1	44013	43595	43926	43845	0.50	cps
Molybdenum	96-1	46413	47260	47453	47042	1.18	cps
Molybdenum	97-1	27199	26998	27486	27228	0.90	cps
Molybdenum	98-1	70034	69692	69046	69590	0.72	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	2297	2457	2260	2338	4.47	cps
Phosphorus	31-2	360	303	347	337	8.80	cps
Potassium	39-2	1379281	1372045	1376720	1376015	0.27	cps
Rhodium	103-1	5271992	5191723	5300695	5254803	1.07	cps
Rhodium	103-2	3271879	3246843	3251720	3256814	0.41	cps
Scandium	45-1	3015350	3080852	2981521	3025908	1.67	cps
Scandium	45-2	297493	293573	296429	295832	0.69	cps
Selenium	82-1	243	123	208	191	32.25	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	813	847	800	820	2.93	cps
Silicon	28-1	3102356	3105129	3068813	3092100	0.65	cps
Silver	107-1	47	43	50	47	7.15	cps
Silver	109-1	33	37	37	36	5.42	cps
Sodium	23-2	1394321	1391382	1397876	1394526	0.23	cps
Strontium	86-1	198167	201592	198861	199540	0.91	cps
Strontium	88-1	1751963	1791692	1717354	1753670	2.12	cps
Sulfur	34-1	127785	126589	126787	127054	0.50	cps
Terbium	159-1	6750669	6770536	6777051	6766085	0.20	cps
Terbium	159-2	4923893	4875016	4878471	4892460	0.56	cps
Thallium	203-1	243	207	237	229	8.53	cps
Thallium	205-1	530	527	597	551	7.17	cps
Tin	118-1	1143	1070	1093	1102	3.40	cps
Titanium	47-1	113	87	103	101	13.32	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01LX5 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225L Dilution Factor : 5
Date & Time Acquired : 2025-04-04 15:53:13 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43	47	30	40	22.05	cps
Vanadium	51-2	1567	1603	1707	1626	4.47	cps
Yttrium	89-1	8118070	8174996	8006271	8099779	1.06	cps
Yttrium	89-2	2439855	2407496	2373229	2406860	1.38	cps
Zinc	66-2	560	570	590	573	2.66	cps
Zirconium	90-1	463	460	540	488	9.28	cps
Zirconium	91-1	93	117	80	97	19.20	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-02 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225MS Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:56:27 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1398705	1375854	1363695	1379418	1.29	cps
Antimony	121-1	2696405	2681067	2679719	2685731	0.35	cps
Arsenic	75-2	310	333	377	340	9.95	cps
Barium	135-1	3381614	3412365	3389684	3394554	0.47	cps
Barium	137-1	5785413	5835750	5763119	5794761	0.64	cps
Beryllium	9-1	355181	364176	354806	358054	1.48	cps
Bismuth	209-1	4398970	4413018	4340988	4384325	0.87	cps
Bismuth	209-2	3753402	3828034	3824309	3801915	1.11	cps
Bromine	81-1	57077	62130	63298	60835	5.44	cps
Bromine	81-2	8172	8442	8529	8381	2.22	cps
Cadmium	108-1	53900	55021	54432	54451	1.03	cps
Cadmium	106-1	80237	80093	80716	80349	0.41	cps
Cadmium	111-1	764818	769440	758266	764175	0.73	cps
Calcium	43-1	2086851	2049204	2030806	2055620	1.39	cps
Calcium	44-1	34075887	34145479	33001029	33740798	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1163355	1151741	1149772	1154956	0.64	cps
Cobalt	59-2	1897283	1885015	1849104	1877134	1.33	cps
Copper	63-2	12864871	12758689	12692478	12772013	0.68	cps
Dysprosium	156-1	117	80	87	94	20.68	cps
Dysprosium	156-2	247	160	173	193	24.14	cps
Erbium	164-1	110	100	80	97	15.80	cps
Erbium	164-2	83	40	97	73	40.40	cps
Gadolinium	160-1	90	100	127	106	17.96	cps
Gadolinium	160-2	393	337	370	367	7.77	cps
Holmium	165-1	7179698	7236772	7173655	7196708	0.48	cps
Holmium	165-2	5256317	5266173	5222881	5248457	0.43	cps
Indium	115-1	6019979	5883313	5889900	5931064	1.30	cps
Indium	115-2	2311951	2266117	2267067	2281712	1.15	cps
Iron	56-2	50672028	50369489	49163681	50068399	1.59	cps
Iron	57-2	1321466	1317203	1313150	1317273	0.32	cps
Iron	54-2	2748228	2781971	2754511	2761570	0.65	cps
Krypton	83-1	310	377	380	356	11.11	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-02 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225MS Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:56:27 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10518447	10465368	10671564	10551793	1.01	cps
Lead	207-1	9251342	9330992	9411900	9331412	0.86	cps
Lead	208-1	42193169	42201921	42195430	42196840	0.01	cps
Lithium	6-1	658582	674728	671444	668252	1.28	cps
Magnesium	24-2	10843095	10726759	10815599	10795151	0.56	cps
Manganese	55-2	9462854	9546322	9335819	9448332	1.12	cps
Molybdenum	94-1	4877823	4885414	4748488	4837242	1.59	cps
Molybdenum	95-1	5278924	5402439	5319784	5333716	1.18	cps
Molybdenum	96-1	6032181	6044605	5992563	6023116	0.45	cps
Molybdenum	97-1	3357977	3302800	3325957	3328911	0.83	cps
Molybdenum	98-1	8675361	8691219	8518383	8628321	1.11	cps
Neodymium	150-1	180	180	160	173	6.66	cps
Neodymium	150-2	47	53	23	41	38.32	cps
Nickel	60-2	481548	484874	483894	483439	0.35	cps
Phosphorus	31-2	630	617	580	609	4.25	cps
Potassium	39-2	12412503	12423678	12339551	12391911	0.37	cps
Rhodium	103-1	5648034	5582380	5507358	5579257	1.26	cps
Rhodium	103-2	3382500	3331181	3430609	3381430	1.47	cps
Scandium	45-1	3331969	3349654	3284755	3322126	1.01	cps
Scandium	45-2	314479	317030	315092	315534	0.42	cps
Selenium	82-1	61174	61908	61339	61474	0.63	cps
Selenium	77-2	7425	6878	7172	7158	3.82	cps
Selenium	78-2	24848	24831	24664	24781	0.41	cps
Silicon	28-1	10639149	10520708	10356764	10505540	1.35	cps
Silver	107-1	637824	634106	631187	634372	0.52	cps
Silver	109-1	598843	601485	593051	597793	0.72	cps
Sodium	23-2	23395458	23883152	23519438	23599349	1.07	cps
Strontium	86-1	2005611	2021898	2028268	2018593	0.58	cps
Strontium	88-1	18002913	17813037	17686385	17834112	0.89	cps
Sulfur	34-1	210803	211390	211191	211128	0.14	cps
Terbium	159-1	7538196	7349318	7396091	7427868	1.32	cps
Terbium	159-2	5281670	5402443	5276337	5320150	1.34	cps
Thallium	203-1	2589577	2677019	2651997	2639531	1.71	cps
Thallium	205-1	6178582	6242033	6273990	6231535	0.78	cps
Tin	118-1	2113212	2117357	2134996	2121855	0.55	cps
Titanium	47-1	1480	1433	1527	1480	3.15	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-02 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225MS Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:56:27 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8251416	8257378	8186923	8231906	0.47	cps
Vanadium	51-2	1057967	1058428	1059412	1058602	0.07	cps
Yttrium	89-1	8845905	8841161	8796200	8827756	0.31	cps
Yttrium	89-2	2499097	2580721	2528587	2536135	1.63	cps
Zinc	66-2	2500963	2498829	2413773	2471188	2.01	cps
Zirconium	90-1	4819420	4806033	4779853	4801768	0.42	cps
Zirconium	91-1	1078638	1079273	1075133	1077681	0.21	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-03 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225MSD Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:59:19 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1401764	1427541	1400340	1409882	1.09	cps
Antimony	121-1	2746171	2753002	2755662	2751612	0.18	cps
Arsenic	75-2	293	393	427	371	18.70	cps
Barium	135-1	3431453	3394382	3353626	3393154	1.15	cps
Barium	137-1	5889680	5890067	5826353	5868700	0.62	cps
Beryllium	9-1	360936	359736	362137	360937	0.33	cps
Bismuth	209-1	4345899	4385172	4385546	4372206	0.52	cps
Bismuth	209-2	3874612	3832280	3735275	3814056	1.87	cps
Bromine	81-1	57161	61943	64119	61074	5.83	cps
Bromine	81-2	8042	8439	8673	8385	3.80	cps
Cadmium	108-1	54174	56309	55372	55285	1.94	cps
Cadmium	106-1	82161	81309	80599	81356	0.96	cps
Cadmium	111-1	777532	776399	779571	777834	0.21	cps
Calcium	43-1	2000125	2081583	2027942	2036550	2.03	cps
Calcium	44-1	33855235	33417118	33703782	33658712	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1183972	1173433	1171563	1176323	0.57	cps
Cobalt	59-2	1895797	1866483	1884413	1882231	0.79	cps
Copper	63-2	13114173	13095094	12961800	13057022	0.64	cps
Dysprosium	156-1	83	77	127	96	28.41	cps
Dysprosium	156-2	220	180	173	191	13.21	cps
Erbium	164-1	87	117	87	97	17.92	cps
Erbium	164-2	73	80	80	78	4.95	cps
Gadolinium	160-1	103	93	87	94	8.88	cps
Gadolinium	160-2	403	327	347	359	11.08	cps
Holmium	165-1	7323738	7019035	7151351	7164708	2.13	cps
Holmium	165-2	5254277	5197431	5318958	5256889	1.16	cps
Indium	115-1	5751179	5873641	5782801	5802540	1.10	cps
Indium	115-2	2291073	2225212	2305252	2273846	1.88	cps
Iron	56-2	50853328	51498898	50814794	51055673	0.75	cps
Iron	57-2	1346363	1338998	1339152	1341504	0.31	cps
Iron	54-2	2812564	2773665	2774684	2786971	0.80	cps
Krypton	83-1	290	347	343	327	9.73	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-03 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225MSD Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:59:19 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10788124	10908799	10670164	10789029	1.11	cps
Lead	207-1	9536947	9669843	9561944	9589578	0.74	cps
Lead	208-1	43236084	43471504	43212681	43306756	0.33	cps
Lithium	6-1	669702	668477	667639	668606	0.16	cps
Magnesium	24-2	10968605	10744444	10753787	10822279	1.17	cps
Manganese	55-2	9713025	9601869	9551228	9622040	0.86	cps
Molybdenum	94-1	4894768	4851085	4902342	4882731	0.57	cps
Molybdenum	95-1	5372216	5258469	5339436	5323374	1.10	cps
Molybdenum	96-1	5999751	6011059	6018805	6009872	0.16	cps
Molybdenum	97-1	3322773	3354104	3327008	3334628	0.51	cps
Molybdenum	98-1	8758122	8674112	8667259	8699831	0.58	cps
Neodymium	150-1	163	150	150	154	4.99	cps
Neodymium	150-2	33	67	50	50	33.34	cps
Nickel	60-2	494427	492129	491155	492570	0.34	cps
Phosphorus	31-2	560	537	570	556	3.08	cps
Potassium	39-2	12738455	12646567	12860913	12748645	0.84	cps
Rhodium	103-1	5627787	5481637	5525412	5544945	1.35	cps
Rhodium	103-2	3396028	3420503	3466787	3427772	1.05	cps
Scandium	45-1	3362771	3319398	3298783	3326984	0.98	cps
Scandium	45-2	315574	315728	315160	315487	0.09	cps
Selenium	82-1	62280	62112	62087	62160	0.17	cps
Selenium	77-2	7512	6925	7385	7274	4.25	cps
Selenium	78-2	24290	24621	25101	24671	1.65	cps
Silicon	28-1	10300370	10643069	10768377	10570605	2.29	cps
Silver	107-1	643783	639919	643262	642322	0.33	cps
Silver	109-1	602149	609023	603905	605026	0.59	cps
Sodium	23-2	23808572	23417046	23368305	23531308	1.03	cps
Strontium	86-1	2005077	2018408	2026373	2016619	0.53	cps
Strontium	88-1	18133993	18069493	18398065	18200517	0.96	cps
Sulfur	34-1	204362	205087	203654	204368	0.35	cps
Terbium	159-1	7364358	7393650	7388130	7382046	0.21	cps
Terbium	159-2	5334301	5174678	5174246	5227742	1.77	cps
Thallium	203-1	2676672	2707115	2621660	2668482	1.62	cps
Thallium	205-1	6233379	6409233	6209134	6283915	1.74	cps
Tin	118-1	2179713	2170601	2164312	2171542	0.36	cps
Titanium	47-1	1427	1517	1290	1411	8.09	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-03 Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225MSD Dilution Factor : 1
Date & Time Acquired : 2025-04-04 15:59:19 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8288155	8291198	8421604	8333652	0.91	cps
Vanadium	51-2	1086911	1073037	1077879	1079276	0.65	cps
Yttrium	89-1	8816529	8707567	8754353	8759483	0.62	cps
Yttrium	89-2	2506693	2548524	2557996	2537738	1.08	cps
Zinc	66-2	2566510	2532274	2525151	2541312	0.87	cps
Zirconium	90-1	4842048	4861927	4861494	4855156	0.23	cps
Zirconium	91-1	1087244	1091528	1086248	1088340	0.26	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01A Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225A Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:02:08 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1392448	1437435	1412928	1414270	1.59	cps
Antimony	121-1	2734495	2760325	2766209	2753676	0.61	cps
Arsenic	75-2	383	367	447	399	10.58	cps
Barium	135-1	3451150	3413287	3424397	3429611	0.57	cps
Barium	137-1	5979004	5883692	5944642	5935779	0.81	cps
Beryllium	9-1	358452	357744	356539	357578	0.27	cps
Bismuth	209-1	4421280	4415953	4433227	4423486	0.20	cps
Bismuth	209-2	3881147	3890221	3796691	3856020	1.34	cps
Bromine	81-1	58760	60514	64453	61242	4.76	cps
Bromine	81-2	8256	8229	8543	8342	2.08	cps
Cadmium	108-1	53980	54642	54824	54482	0.81	cps
Cadmium	106-1	81266	82191	82238	81898	0.67	cps
Cadmium	111-1	774314	780117	779910	778114	0.42	cps
Calcium	43-1	1978841	1973262	2025295	1992466	1.43	cps
Calcium	44-1	33178822	33362948	32621441	33054404	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1176006	1169792	1168128	1171309	0.35	cps
Cobalt	59-2	1920669	1886091	1873499	1893420	1.29	cps
Copper	63-2	13207044	13127189	12733406	13022546	1.95	cps
Dysprosium	156-1	80	83	150	104	37.81	cps
Dysprosium	156-2	213	163	193	190	13.24	cps
Erbium	164-1	113	127	113	118	6.53	cps
Erbium	164-2	63	80	67	70	12.60	cps
Gadolinium	160-1	73	123	90	96	26.65	cps
Gadolinium	160-2	373	347	327	349	6.71	cps
Holmium	165-1	7249163	7191212	7337463	7259279	1.01	cps
Holmium	165-2	5319988	5407944	5347114	5358349	0.84	cps
Indium	115-1	5848966	5929218	5828316	5868833	0.91	cps
Indium	115-2	2281748	2261699	2257093	2266847	0.58	cps
Iron	56-2	50785773	50336998	49827033	50316601	0.95	cps
Iron	57-2	1341904	1338387	1318867	1333053	0.93	cps
Iron	54-2	2822148	2795936	2807087	2808391	0.47	cps
Krypton	83-1	363	307	357	342	9.05	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01A Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225A Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:02:08 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10797023	10950598	10888809	10878810	0.71	cps
Lead	207-1	9643818	9761351	9690537	9698569	0.61	cps
Lead	208-1	43330860	43799432	44075837	43735376	0.86	cps
Lithium	6-1	655191	649387	646168	650249	0.70	cps
Magnesium	24-2	10900574	10826386	10809522	10845494	0.45	cps
Manganese	55-2	9637218	9616061	9524437	9592572	0.62	cps
Molybdenum	94-1	4915809	4900824	4893543	4903392	0.23	cps
Molybdenum	95-1	5357350	5355531	5383574	5365485	0.29	cps
Molybdenum	96-1	6016967	6066975	6003690	6029211	0.55	cps
Molybdenum	97-1	3376736	3340712	3332588	3350012	0.70	cps
Molybdenum	98-1	8679814	8643150	8632501	8651822	0.29	cps
Neodymium	150-1	123	143	173	147	17.16	cps
Neodymium	150-2	27	30	40	32	21.53	cps
Nickel	60-2	492371	489960	484739	489023	0.80	cps
Phosphorus	31-2	543	613	537	564	7.52	cps
Potassium	39-2	12631464	12591270	12611084	12611273	0.16	cps
Rhodium	103-1	5637208	5596434	5530307	5587983	0.97	cps
Rhodium	103-2	3423679	3508228	3351060	3427656	2.29	cps
Scandium	45-1	3316119	3273208	3228265	3272531	1.34	cps
Scandium	45-2	316443	315389	314332	315388	0.33	cps
Selenium	82-1	61676	61708	62227	61870	0.50	cps
Selenium	77-2	7048	7329	7252	7210	2.01	cps
Selenium	78-2	24938	25352	25075	25121	0.84	cps
Silicon	28-1	10074979	10137866	10292557	10168467	1.10	cps
Silver	107-1	642287	645857	643930	644025	0.28	cps
Silver	109-1	600815	605403	606040	604086	0.47	cps
Sodium	23-2	23565130	23619220	23676141	23620164	0.24	cps
Strontium	86-1	2033310	2015188	2059215	2035905	1.09	cps
Strontium	88-1	17990466	17752026	17617893	17786795	1.06	cps
Sulfur	34-1	199545	198561	199480	199195	0.28	cps
Terbium	159-1	7467049	7557555	7518386	7514330	0.60	cps
Terbium	159-2	5262254	5248754	5300522	5270510	0.51	cps
Thallium	203-1	2685167	2733126	2742098	2720130	1.13	cps
Thallium	205-1	6353514	6377717	6419836	6383689	0.53	cps
Tin	118-1	2132959	2160950	2173263	2155724	0.96	cps
Titanium	47-1	1260	1410	1443	1371	7.12	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-01A Instrumnet Name : P7
Client Sample ID : MW-18B-56-040225A Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:02:08 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8305712	8368952	8403594	8359419	0.59	cps
Vanadium	51-2	1079952	1066066	1071442	1072487	0.65	cps
Yttrium	89-1	8728678	8717902	8619519	8688700	0.69	cps
Yttrium	89-2	2568788	2546552	2462776	2526038	2.21	cps
Zinc	66-2	2541495	2547327	2576815	2555213	0.74	cps
Zirconium	90-1	4860015	4890357	4785317	4845230	1.12	cps
Zirconium	91-1	1084195	1080081	1082946	1082407	0.19	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:10:17 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6655988	6599038	6512781	6589269	1.09	cps
Antimony	121-1	2592592	2614105	2610225	2605641	0.44	cps
Arsenic	75-2	168307	165323	167526	167052	0.93	cps
Barium	135-1	3458796	3505172	3469593	3477854	0.70	cps
Barium	137-1	5786297	6002533	5844465	5877765	1.90	cps
Beryllium	9-1	338928	340017	337304	338750	0.40	cps
Bismuth	209-1	3970263	3995925	3961127	3975772	0.45	cps
Bismuth	209-2	3524533	3477206	3503554	3501765	0.68	cps
Bromine	81-1	32646	33772	34641	33687	2.97	cps
Bromine	81-2	603	483	517	534	11.59	cps
Cadmium	108-1	52722	54676	53113	53504	1.93	cps
Cadmium	106-1	76098	79399	78521	78006	2.19	cps
Cadmium	111-1	719301	747342	733233	733292	1.91	cps
Calcium	43-1	3530897	3527641	3593776	3550771	1.05	cps
Calcium	44-1	58146064	58508401	58163701	58272722	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1223778	1220110	1214116	1219335	0.40	cps
Cobalt	59-2	1899279	1901474	1866553	1889102	1.04	cps
Copper	63-2	14111592	13923361	13985792	14006915	0.68	cps
Dysprosium	156-1	190	157	160	169	10.87	cps
Dysprosium	156-2	233	247	270	250	7.42	cps
Erbium	164-1	213	213	160	196	15.75	cps
Erbium	164-2	137	190	157	161	16.72	cps
Gadolinium	160-1	130	133	153	139	9.09	cps
Gadolinium	160-2	360	347	280	329	13.03	cps
Holmium	165-1	6781643	6737932	6689111	6736229	0.69	cps
Holmium	165-2	5016714	5098914	5050799	5055476	0.82	cps
Indium	115-1	5357669	5401351	5428245	5395755	0.66	cps
Indium	115-2	2140026	2140673	2124196	2134965	0.44	cps
Iron	56-2	282464909	278016423	281436229	280639187	0.83	cps
Iron	57-2	6965055	7031804	6919958	6972273	0.81	cps
Iron	54-2	15304841	15386245	15301296	15330794	0.31	cps
Krypton	83-1	353	447	377	392	12.38	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:10:17 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10177455	10345549	10264437	10262480	0.82	cps
Lead	207-1	8995834	8982171	9005594	8994533	0.13	cps
Lead	208-1	41103815	41521217	41047920	41224317	0.63	cps
Lithium	6-1	604756	605288	612950	607665	0.75	cps
Magnesium	24-2	55510974	55484976	56346847	55780933	0.88	cps
Manganese	55-2	10549897	10577291	10504828	10544005	0.35	cps
Molybdenum	94-1	9834410	9917336	10096851	9949532	1.35	cps
Molybdenum	95-1	14148946	14481057	14401172	14343725	1.21	cps
Molybdenum	96-1	15465749	15827027	15696240	15663005	1.17	cps
Molybdenum	97-1	8850499	9063543	8999323	8971122	1.22	cps
Molybdenum	98-1	23398121	22950574	23289771	23212822	1.01	cps
Neodymium	150-1	267	333	200	267	25.00	cps
Neodymium	150-2	103	133	107	114	14.37	cps
Nickel	60-2	483062	481005	476338	480135	0.72	cps
Phosphorus	31-2	75756	75458	75244	75486	0.34	cps
Potassium	39-2	36883034	36782160	36840481	36835225	0.14	cps
Rhodium	103-1	4966867	5110771	4984798	5020812	1.56	cps
Rhodium	103-2	3170452	3184979	3158714	3171382	0.41	cps
Scandium	45-1	3063853	3121619	3081090	3088854	0.96	cps
Scandium	45-2	305757	301937	307343	305012	0.91	cps
Selenium	82-1	54467	55472	56038	55326	1.44	cps
Selenium	77-2	6958	6585	6932	6825	3.05	cps
Selenium	78-2	23105	22985	23155	23081	0.38	cps
Silicon	28-1	29343491	29300855	30115095	29586480	1.55	cps
Silver	107-1	3538411	3653585	3596634	3596210	1.60	cps
Silver	109-1	3338874	3484718	3414734	3412775	2.14	cps
Sodium	23-2	87856975	87645655	87965445	87822692	0.19	cps
Strontium	86-1	8821033	9027919	8987542	8945498	1.23	cps
Strontium	88-1	79209442	79329247	79603019	79380569	0.25	cps
Sulfur	34-1	320535	319206	323938	321226	0.76	cps
Terbium	159-1	6956353	6857567	6809085	6874335	1.09	cps
Terbium	159-2	5145799	4988448	5017102	5050450	1.66	cps
Thallium	203-1	2565248	2640356	2624927	2610177	1.52	cps
Thallium	205-1	6268081	6177764	6195283	6213709	0.77	cps
Tin	118-1	2120789	2171808	2151707	2148101	1.20	cps
Titanium	47-1	3378005	3418965	3448236	3415069	1.03	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:10:17 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8187663	8108531	8394897	8230364	1.80	cps
Vanadium	51-2	1077117	1074102	1074678	1075299	0.15	cps
Yttrium	89-1	8072783	8263142	8073566	8136497	1.35	cps
Yttrium	89-2	2423553	2403811	2413201	2413522	0.41	cps
Zinc	66-2	2739892	2699944	2687574	2709137	1.01	cps
Zirconium	90-1	4932801	5089525	5014345	5012223	1.56	cps
Zirconium	91-1	1099504	1118383	1115310	1111066	0.91	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:15:04 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	227	273	263	254	9.66	cps
Antimony	121-1	297	327	343	322	7.34	cps
Arsenic	75-2	13	3	0	6	124.93	cps
Barium	135-1	57	57	47	53	10.82	cps
Barium	137-1	77	70	107	84	23.13	cps
Beryllium	9-1	61	48	78	62	24.19	cps
Bismuth	209-1	4031451	3997465	3943166	3990694	1.12	cps
Bismuth	209-2	3589633	3513378	3617750	3573587	1.51	cps
Bromine	81-1	30989	30772	30782	30848	0.40	cps
Bromine	81-2	277	377	320	324	15.46	cps
Cadmium	108-1	17	3	7	9	78.08	cps
Cadmium	106-1	1730	1697	1667	1698	1.87	cps
Cadmium	111-1	1259	1232	1205	1232	2.19	cps
Calcium	43-1	463	487	467	472	2.67	cps
Calcium	44-1	11235	11055	11368	11219	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1847	1853	1877	1859	0.85	cps
Cobalt	59-2	90	50	63	68	30.05	cps
Copper	63-2	2670	2670	2544	2628	2.78	cps
Dysprosium	156-1	7	0	3	3	100.05	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	53	47	83	61	31.96	cps
Erbium	164-2	53	30	43	42	27.72	cps
Gadolinium	160-1	20	20	20	20	0.00	cps
Gadolinium	160-2	213	223	320	252	23.36	cps
Holmium	165-1	6385705	6334635	6363458	6361266	0.40	cps
Holmium	165-2	4784222	4768972	4840019	4797738	0.78	cps
Indium	115-1	5368212	5455380	5413757	5412450	0.81	cps
Indium	115-2	2149788	2119891	2158072	2142584	0.94	cps
Iron	56-2	29579	28617	28524	28907	2.02	cps
Iron	57-2	1387	1417	1400	1401	1.07	cps
Iron	54-2	3090	3284	3030	3135	4.22	cps
Krypton	83-1	320	430	347	366	15.70	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:15:04 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	770	820	857	816	5.33	cps
Lead	207-1	793	680	733	736	7.71	cps
Lead	208-1	3347	3344	3310	3334	0.61	cps
Lithium	6-1	577398	578102	596418	583973	1.85	cps
Magnesium	24-2	637	607	637	627	2.76	cps
Manganese	55-2	2120	2147	2227	2165	2.56	cps
Molybdenum	94-1	347	373	327	349	6.71	cps
Molybdenum	95-1	230	180	140	183	24.60	cps
Molybdenum	96-1	303	367	317	329	10.15	cps
Molybdenum	97-1	100	97	103	100	3.33	cps
Molybdenum	98-1	313	293	300	302	3.37	cps
Neodymium	150-1	10	7	0	6	91.64	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	307	343	360	337	8.11	cps
Phosphorus	31-2	283	330	280	298	9.39	cps
Potassium	39-2	57669	56294	56849	56937	1.22	cps
Rhodium	103-1	5157861	5073330	5062346	5097846	1.03	cps
Rhodium	103-2	3172610	3152696	3239456	3188254	1.43	cps
Scandium	45-1	2973070	2956183	2910694	2946649	1.09	cps
Scandium	45-2	289910	282431	288804	287048	1.41	cps
Selenium	82-1	242	174	264	227	20.84	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	767	873	733	791	9.24	cps
Silicon	28-1	1220206	1224043	1194564	1212938	1.32	cps
Silver	107-1	113	153	120	129	16.63	cps
Silver	109-1	83	73	90	82	10.20	cps
Sodium	23-2	24757	24296	23788	24280	1.99	cps
Strontium	86-1	700	653	670	674	3.51	cps
Strontium	88-1	650	637	617	634	2.64	cps
Sulfur	34-1	102631	103158	102786	102858	0.26	cps
Terbium	159-1	6779473	6451007	6673552	6634678	2.53	cps
Terbium	159-2	4795101	4839265	4808414	4814260	0.47	cps
Thallium	203-1	520	530	523	524	0.97	cps
Thallium	205-1	1263	1223	1270	1252	2.02	cps
Tin	118-1	1193	1207	1173	1191	1.41	cps
Titanium	47-1	67	80	77	74	9.32	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:15:04 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73	67	80	73	9.09	cps
Vanadium	51-2	20	23	10	18	39.03	cps
Yttrium	89-1	7995365	7825742	7777456	7866188	1.45	cps
Yttrium	89-2	2325089	2315781	2328023	2322964	0.28	cps
Zinc	66-2	837	877	867	860	2.42	cps
Zirconium	90-1	617	650	543	603	9.04	cps
Zirconium	91-1	100	110	127	112	12.01	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-04 Instrumnet Name : P7
Client Sample ID : MW-17B-55-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:18:26 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9887	9646	9453	9662	2.25	cps
Antimony	121-1	1743	1907	1833	1828	4.48	cps
Arsenic	75-2	313	320	330	321	2.61	cps
Barium	135-1	593560	587693	584692	588648	0.77	cps
Barium	137-1	1023799	1015199	1017392	1018797	0.44	cps
Beryllium	9-1	121	81	104	102	19.72	cps
Bismuth	209-1	4610690	4355494	4443216	4469800	2.90	cps
Bismuth	209-2	4056196	4014593	3955050	4008613	1.27	cps
Bromine	81-1	57375	62023	64008	61135	5.57	cps
Bromine	81-2	7689	7966	8012	7889	2.22	cps
Cadmium	108-1	20	23	13	19	26.96	cps
Cadmium	106-1	2197	2127	1913	2079	7.10	cps
Cadmium	111-1	1554	1506	1363	1474	6.72	cps
Calcium	43-1	434727	429052	425969	429916	1.03	cps
Calcium	44-1	6900062	6922809	6763442	6862104	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1177	1177	1107	1153	3.50	cps
Cobalt	59-2	26874	26791	25926	26530	1.98	cps
Copper	63-2	2237	2384	2257	2292	3.47	cps
Dysprosium	156-1	27	33	17	26	32.81	cps
Dysprosium	156-2	20	47	33	33	40.01	cps
Erbium	164-1	47	33	73	51	39.85	cps
Erbium	164-2	37	47	57	47	21.43	cps
Gadolinium	160-1	47	60	60	56	13.85	cps
Gadolinium	160-2	300	303	277	293	4.95	cps
Holmium	165-1	7322708	7277300	7191269	7263759	0.92	cps
Holmium	165-2	5547466	5265486	5303422	5372125	2.85	cps
Indium	115-1	6059034	6161632	6027604	6082757	1.15	cps
Indium	115-2	2423020	2426326	2375910	2408419	1.17	cps
Iron	56-2	12874058	12780506	12530116	12728227	1.40	cps
Iron	57-2	335695	336437	331355	334495	0.82	cps
Iron	54-2	718089	718415	707647	714717	0.86	cps
Krypton	83-1	293	463	390	382	22.31	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-04 Instrumnet Name : P7
Client Sample ID : MW-17B-55-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:18:26 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	953	803	823	860	9.47	cps
Lead	207-1	713	757	700	723	4.10	cps
Lead	208-1	3424	3264	3327	3338	2.41	cps
Lithium	6-1	658585	648358	620002	642315	3.11	cps
Magnesium	24-2	1801403	1796536	1750222	1782720	1.58	cps
Manganese	55-2	1065794	1056320	1044781	1055632	1.00	cps
Molybdenum	94-1	36195	36178	36382	36251	0.31	cps
Molybdenum	95-1	65111	64314	63042	64155	1.63	cps
Molybdenum	96-1	68761	68721	68101	68527	0.54	cps
Molybdenum	97-1	39797	40001	39269	39689	0.95	cps
Molybdenum	98-1	103869	103819	103262	103650	0.33	cps
Neodymium	150-1	57	37	33	42	29.89	cps
Neodymium	150-2	13	20	17	17	20.01	cps
Nickel	60-2	9563	9907	9623	9698	1.89	cps
Phosphorus	31-2	2844	2997	2894	2911	2.69	cps
Potassium	39-2	2425208	2422010	2403424	2416881	0.49	cps
Rhodium	103-1	5811307	5781025	5619839	5737390	1.79	cps
Rhodium	103-2	3642728	3639026	3548880	3610211	1.47	cps
Scandium	45-1	3383582	3333300	3328395	3348426	0.91	cps
Scandium	45-2	330360	326192	325887	327480	0.76	cps
Selenium	82-1	334	156	258	249	35.69	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	840	770	827	812	4.58	cps
Silicon	28-1	53866249	54507666	54319608	54231174	0.61	cps
Silver	107-1	93	83	113	97	15.81	cps
Silver	109-1	60	27	63	50	40.55	cps
Sodium	23-2	2487531	2482403	2433050	2467661	1.22	cps
Strontium	86-1	500386	499681	493866	497978	0.72	cps
Strontium	88-1	4456010	4430814	4439252	4442026	0.29	cps
Sulfur	34-1	129597	126250	125632	127160	1.68	cps
Terbium	159-1	7569872	7581927	7478072	7543290	0.75	cps
Terbium	159-2	5488761	5416977	5350806	5418848	1.27	cps
Thallium	203-1	1587	1647	1400	1545	8.33	cps
Thallium	205-1	3671	3607	3464	3581	2.96	cps
Tin	118-1	2114	2177	2190	2160	1.90	cps
Titanium	47-1	697	587	633	639	8.64	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-04 Instrumnet Name : P7
Client Sample ID : MW-17B-55-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:18:26 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	220	200	187	202	8.30	cps
Vanadium	51-2	1130	1167	1123	1140	2.05	cps
Yttrium	89-1	9000432	9037405	8931474	8989770	0.60	cps
Yttrium	89-2	2673560	2626709	2680147	2660139	1.10	cps
Zinc	66-2	2610	2497	2617	2575	2.62	cps
Zirconium	90-1	480	470	473	474	1.07	cps
Zirconium	91-1	97	50	107	84	35.82	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-08 Instrumnet Name : P7
Client Sample ID : EB01-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:21:37 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1510	1453	1357	1440	5.38	cps
Antimony	121-1	53	113	77	81	37.29	cps
Arsenic	75-2	7	17	7	10	57.72	cps
Barium	135-1	173	193	163	177	8.65	cps
Barium	137-1	287	290	313	297	4.90	cps
Beryllium	9-1	30	26	46	34	31.08	cps
Bismuth	209-1	4520117	4532625	4465485	4506075	0.79	cps
Bismuth	209-2	3979442	3920356	3967600	3955799	0.79	cps
Bromine	81-1	35516	35977	34968	35487	1.42	cps
Bromine	81-2	873	753	867	831	8.11	cps
Cadmium	108-1	10	3	7	7	50.03	cps
Cadmium	106-1	2077	2164	2124	2121	2.04	cps
Cadmium	111-1	1487	1542	1505	1511	1.87	cps
Calcium	43-1	770	957	860	862	10.83	cps
Calcium	44-1	17924	17574	17497	17665	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	863	1277	883	1008	23.15	cps
Cobalt	59-2	33	57	57	49	27.56	cps
Copper	63-2	2324	2174	2287	2261	3.46	cps
Dysprosium	156-1	3	0	3	2	86.60	cps
Dysprosium	156-2	7	13	0	7	99.98	cps
Erbium	164-1	50	63	83	66	25.59	cps
Erbium	164-2	37	30	37	34	11.18	cps
Gadolinium	160-1	30	47	20	32	41.81	cps
Gadolinium	160-2	287	373	310	323	13.87	cps
Holmium	165-1	7231721	7132631	7172968	7179107	0.69	cps
Holmium	165-2	5377691	5205190	5219144	5267342	1.82	cps
Indium	115-1	6096863	6115800	6058785	6090483	0.48	cps
Indium	115-2	2423135	2373582	2326335	2374351	2.04	cps
Iron	56-2	34052	34770	33765	34196	1.51	cps
Iron	57-2	1643	1577	1627	1616	2.15	cps
Iron	54-2	3137	3174	3200	3170	1.00	cps
Krypton	83-1	347	340	417	368	11.55	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-08 Instrumnet Name : P7
Client Sample ID : EB01-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:21:37 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2924	3024	2994	2980	1.72	cps
Lead	207-1	2444	2430	2577	2484	3.27	cps
Lead	208-1	11525	11655	11382	11521	1.19	cps
Lithium	6-1	623754	625914	615740	621803	0.86	cps
Magnesium	24-2	3424	3390	3487	3434	1.43	cps
Manganese	55-2	2767	2854	2717	2779	2.49	cps
Molybdenum	94-1	157	140	163	153	7.84	cps
Molybdenum	95-1	90	60	83	78	20.25	cps
Molybdenum	96-1	163	183	197	181	9.26	cps
Molybdenum	97-1	67	63	57	62	8.18	cps
Molybdenum	98-1	160	153	140	151	6.74	cps
Neodymium	150-1	20	23	10	18	39.03	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	217	207	213	212	2.40	cps
Phosphorus	31-2	477	427	523	476	10.17	cps
Potassium	39-2	54982	54935	54407	54775	0.58	cps
Rhodium	103-1	5843275	5761375	5764199	5789616	0.80	cps
Rhodium	103-2	3591216	3557231	3536072	3561506	0.78	cps
Scandium	45-1	3315516	3294761	3321486	3310588	0.42	cps
Scandium	45-2	324586	320966	319067	321540	0.87	cps
Selenium	82-1	227	279	183	230	20.73	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	753	730	770	751	2.67	cps
Silicon	28-1	1252224	1260431	1262210	1258289	0.42	cps
Silver	107-1	73	63	47	61	22.04	cps
Silver	109-1	63	50	50	54	14.14	cps
Sodium	23-2	38160	39300	39203	38888	1.62	cps
Strontium	86-1	733	717	700	717	2.33	cps
Strontium	88-1	1890	1803	1760	1818	3.64	cps
Sulfur	34-1	90151	90523	90338	90337	0.21	cps
Terbium	159-1	7340173	7455483	7408972	7401543	0.78	cps
Terbium	159-2	5374803	5229075	5337475	5313784	1.42	cps
Thallium	203-1	323	243	277	281	14.29	cps
Thallium	205-1	617	687	663	656	5.44	cps
Tin	118-1	2127	2027	1927	2027	4.93	cps
Titanium	47-1	364	107	103	191	78.08	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : Q1711-08 Instrumnet Name : P7
Client Sample ID : EB01-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:21:37 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57	23	40	40	41.68	cps
Vanadium	51-2	13	33	13	20	57.74	cps
Yttrium	89-1	8815942	8863234	8806797	8828658	0.34	cps
Yttrium	89-2	2648292	2569782	2602679	2606918	1.51	cps
Zinc	66-2	660	717	770	716	7.69	cps
Zirconium	90-1	403	377	373	384	4.28	cps
Zirconium	91-1	90	83	57	77	23.00	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:24:57 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6468931	6243213	6416652	6376265	1.85	cps
Antimony	121-1	2429705	2508544	2511950	2483399	1.87	cps
Arsenic	75-2	162031	161680	159224	160978	0.95	cps
Barium	135-1	3236406	3320885	3321991	3293094	1.49	cps
Barium	137-1	5562821	5634512	5716927	5638087	1.37	cps
Beryllium	9-1	326404	336425	342635	335155	2.44	cps
Bismuth	209-1	3814049	3781062	3827410	3807507	0.63	cps
Bismuth	209-2	3410900	3414583	3364718	3396733	0.82	cps
Bromine	81-1	31063	31407	30418	30963	1.62	cps
Bromine	81-2	487	507	567	520	8.01	cps
Cadmium	108-1	49792	51056	50989	50613	1.41	cps
Cadmium	106-1	72034	74212	75408	73885	2.32	cps
Cadmium	111-1	687740	704421	709560	700574	1.63	cps
Calcium	43-1	3422833	3477756	3462762	3454450	0.82	cps
Calcium	44-1	54861776	56519321	55554678	55645258	1.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1184629	1175535	1182845	1181003	0.41	cps
Cobalt	59-2	1831401	1838635	1819900	1829979	0.52	cps
Copper	63-2	13532925	13530537	13512399	13525287	0.08	cps
Dysprosium	156-1	157	177	193	176	10.46	cps
Dysprosium	156-2	250	227	230	236	5.36	cps
Erbium	164-1	173	207	270	217	22.66	cps
Erbium	164-2	153	123	110	129	17.22	cps
Gadolinium	160-1	140	77	147	121	31.90	cps
Gadolinium	160-2	400	307	300	336	16.66	cps
Holmium	165-1	6531174	6368567	6512168	6470637	1.37	cps
Holmium	165-2	4964863	4954207	4846634	4921901	1.33	cps
Indium	115-1	5189374	5176943	5170918	5179078	0.18	cps
Indium	115-2	2070262	2097051	2042442	2069919	1.32	cps
Iron	56-2	273010076	270858383	270178549	271349003	0.54	cps
Iron	57-2	6754029	6647059	6647749	6682946	0.92	cps
Iron	54-2	14842715	14830773	14616498	14763329	0.86	cps
Krypton	83-1	343	383	383	370	6.24	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:24:57 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9703463	9855952	9849748	9803054	0.88	cps
Lead	207-1	8500874	8635030	8830386	8655430	1.91	cps
Lead	208-1	38671400	38980751	39693172	39115108	1.34	cps
Lithium	6-1	592693	605654	617168	605172	2.02	cps
Magnesium	24-2	53696369	53860818	54322924	53960037	0.60	cps
Manganese	55-2	10110180	10062944	10128737	10100620	0.34	cps
Molybdenum	94-1	9446943	9537917	9659955	9548272	1.12	cps
Molybdenum	95-1	13652788	13850697	13715316	13739600	0.74	cps
Molybdenum	96-1	14744229	15097185	14996137	14945850	1.22	cps
Molybdenum	97-1	8345026	8611409	8564618	8507018	1.67	cps
Molybdenum	98-1	21561375	22006408	22508960	22025581	2.15	cps
Neodymium	150-1	253	257	213	241	10.00	cps
Neodymium	150-2	120	73	70	88	31.85	cps
Nickel	60-2	469968	468638	468041	468882	0.21	cps
Phosphorus	31-2	73947	72588	72939	73158	0.96	cps
Potassium	39-2	35729742	35170363	35742393	35547499	0.92	cps
Rhodium	103-1	4815278	4854561	4815015	4828284	0.47	cps
Rhodium	103-2	3064287	3060287	2977246	3033940	1.62	cps
Scandium	45-1	2992900	3057532	3029098	3026510	1.07	cps
Scandium	45-2	299614	298165	296641	298140	0.50	cps
Selenium	82-1	53352	53349	53804	53502	0.49	cps
Selenium	77-2	6628	6355	6478	6487	2.11	cps
Selenium	78-2	22073	22240	22697	22337	1.45	cps
Silicon	28-1	28558196	29382863	29012458	28984506	1.43	cps
Silver	107-1	3400610	3412771	3457820	3423733	0.88	cps
Silver	109-1	3204746	3317474	3256010	3259410	1.73	cps
Sodium	23-2	86058695	84155972	85235665	85150111	1.12	cps
Strontium	86-1	8372989	8637666	8605021	8538559	1.69	cps
Strontium	88-1	75205964	76322862	77279167	76269331	1.36	cps
Sulfur	34-1	314309	314563	315127	314666	0.13	cps
Terbium	159-1	6623136	6748529	6817684	6729783	1.47	cps
Terbium	159-2	4921489	4968150	4855788	4915143	1.15	cps
Thallium	203-1	2475202	2512920	2558106	2515409	1.65	cps
Thallium	205-1	5781338	6017417	5939401	5912719	2.03	cps
Tin	118-1	1986534	2055496	2050836	2030955	1.90	cps
Titanium	47-1	3299515	3292842	3408495	3333617	1.95	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:24:57 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7580905	7884685	7878291	7781294	2.23	cps
Vanadium	51-2	1040793	1030690	1026825	1032769	0.70	cps
Yttrium	89-1	7722632	7976128	7905964	7868242	1.66	cps
Yttrium	89-2	2456597	2343070	2294197	2364621	3.52	cps
Zinc	66-2	2609107	2643549	2598819	2617158	0.90	cps
Zirconium	90-1	4721033	4744304	4754011	4739782	0.36	cps
Zirconium	91-1	1047928	1063068	1070292	1060429	1.08	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:28:58 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377	340	257	324	18.95	cps
Antimony	121-1	280	277	363	307	16.01	cps
Arsenic	75-2	7	0	13	7	99.98	cps
Barium	135-1	80	93	80	84	9.11	cps
Barium	137-1	140	123	130	131	6.40	cps
Beryllium	9-1	54	58	51	54	6.19	cps
Bismuth	209-1	3978921	4027517	4062107	4022849	1.04	cps
Bismuth	209-2	3663516	3572276	3588925	3608239	1.35	cps
Bromine	81-1	31397	31140	31942	31493	1.30	cps
Bromine	81-2	393	400	420	404	3.43	cps
Cadmium	108-1	10	10	3	8	49.52	cps
Cadmium	106-1	1727	1820	1813	1787	2.91	cps
Cadmium	111-1	1272	1307	1324	1301	2.04	cps
Calcium	43-1	540	460	483	494	8.32	cps
Calcium	44-1	11608	12022	12296	11975	2.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1783	1763	1763	1770	0.65	cps
Cobalt	59-2	90	73	73	79	12.20	cps
Copper	63-2	2617	2617	2507	2580	2.46	cps
Dysprosium	156-1	7	3	13	8	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	73	57	30	53	40.98	cps
Erbium	164-2	30	47	33	37	24.06	cps
Gadolinium	160-1	30	23	20	24	20.83	cps
Gadolinium	160-2	253	207	293	251	17.27	cps
Holmium	165-1	6409057	6344071	6379604	6377577	0.51	cps
Holmium	165-2	5037398	4884970	5030554	4984307	1.73	cps
Indium	115-1	5350938	5470645	5460746	5427443	1.22	cps
Indium	115-2	2212990	2178104	2227929	2206341	1.16	cps
Iron	56-2	32054	31433	30852	31446	1.91	cps
Iron	57-2	1477	1543	1473	1498	2.64	cps
Iron	54-2	3320	3147	3250	3239	2.69	cps
Krypton	83-1	403	400	437	413	4.91	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:28:58 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	877	823	863	854	3.25	cps
Lead	207-1	757	780	807	781	3.20	cps
Lead	208-1	3390	3447	3434	3424	0.87	cps
Lithium	6-1	603208	620299	612572	612027	1.40	cps
Magnesium	24-2	1213	1267	1087	1189	7.78	cps
Manganese	55-2	2504	2330	2437	2424	3.61	cps
Molybdenum	94-1	403	307	317	342	15.53	cps
Molybdenum	95-1	300	257	220	259	15.47	cps
Molybdenum	96-1	387	437	417	413	6.09	cps
Molybdenum	97-1	180	163	183	176	6.10	cps
Molybdenum	98-1	463	463	473	467	1.24	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	430	387	353	390	9.86	cps
Phosphorus	31-2	347	340	313	333	5.29	cps
Potassium	39-2	58586	58184	58435	58402	0.35	cps
Rhodium	103-1	5153230	5226515	5167792	5182512	0.75	cps
Rhodium	103-2	3315900	3290337	3288600	3298279	0.46	cps
Scandium	45-1	2970365	3014033	2991877	2992092	0.73	cps
Scandium	45-2	290471	289315	290984	290256	0.29	cps
Selenium	82-1	162	227	168	186	19.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	823	717	770	770	6.93	cps
Silicon	28-1	1224090	1222154	1215014	1220419	0.39	cps
Silver	107-1	233	123	100	152	46.78	cps
Silver	109-1	93	113	90	99	12.77	cps
Sodium	23-2	24616	24012	24179	24269	1.29	cps
Strontium	86-1	573	657	720	650	11.32	cps
Strontium	88-1	937	1093	1267	1099	15.02	cps
Sulfur	34-1	106340	105978	105279	105866	0.51	cps
Terbium	159-1	6463625	6720007	6723029	6635554	2.24	cps
Terbium	159-2	5028706	4903369	4906787	4946287	1.44	cps
Thallium	203-1	420	403	477	433	8.87	cps
Thallium	205-1	927	1047	1037	1003	6.64	cps
Tin	118-1	1197	1250	1093	1180	6.75	cps
Titanium	47-1	100	93	120	104	13.29	cps

LB Number : LB135315 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-04 16:28:58 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	137	83	83	101	30.46	cps
Vanadium	51-2	20	13	30	21	39.75	cps
Yttrium	89-1	7840593	7994843	8027447	7954294	1.25	cps
Yttrium	89-2	2363545	2354449	2387004	2368333	0.71	cps
Zinc	66-2	993	987	940	973	2.99	cps
Zirconium	90-1	693	523	760	659	18.52	cps
Zirconium	91-1	140	103	143	129	17.22	cps