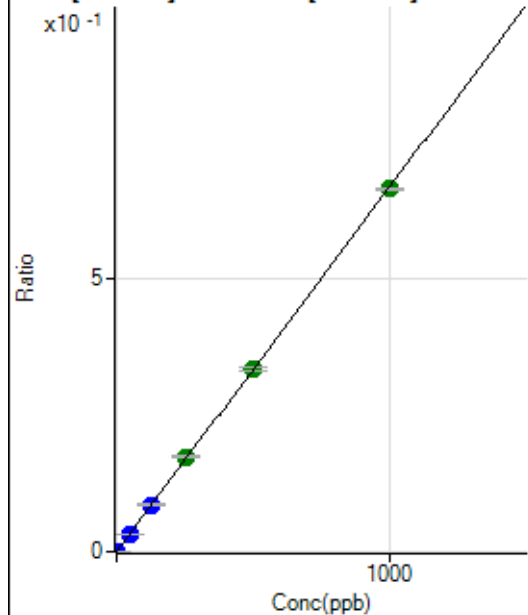


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8012125MS.b\
Analysis File: P8012125MS-2.batch.bin
DA Date-Time: 2025-02-05 12:04:43
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2025-01-21 13:20:04
2	006CALS.d	S02	2025-01-21 13:30:11
3	007CALB.d	S03	2025-01-21 13:33:31
4	008CALS.d	S04	2025-01-21 13:36:39
5	009CALS.d	S05	2025-01-21 13:39:36
6	010CALS.d	S06	2025-01-21 13:42:30
7	011CALS.d	S07	2025-01-21 13:45:16
8	012CALS.d	S08	2025-01-21 13:48:03

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	373.29	0.0000	P	8.9
2	☐	1.000	1.033	6063.41	0.0007	P	2.3
3	☐	50.000	48.051	275453.13	0.0322	P	6.8
4	☐	125.000	127.552	684849.85	0.0853	P	3.4
5	☐	250.000	260.831	1372306.04	0.1744	A	3.0
6	☐	500.000	503.550	2576231.80	0.3367	A	2.1
7	☐	1000.000	995.296	4906067.01	0.6654	A	0.3
8	☐			1392.81	0.0002	P	14.0

$$y = 6.6855E-004 * x + 4.6067E-005$$

R = 0.9999

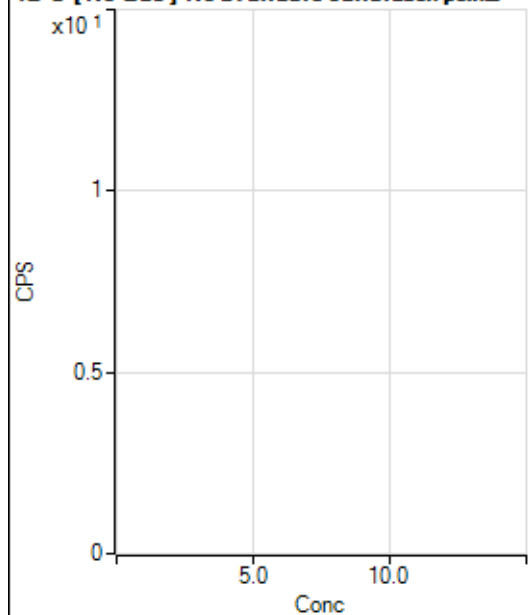
DL = 0.01831

BEC = 0.06891

Weight: <None>

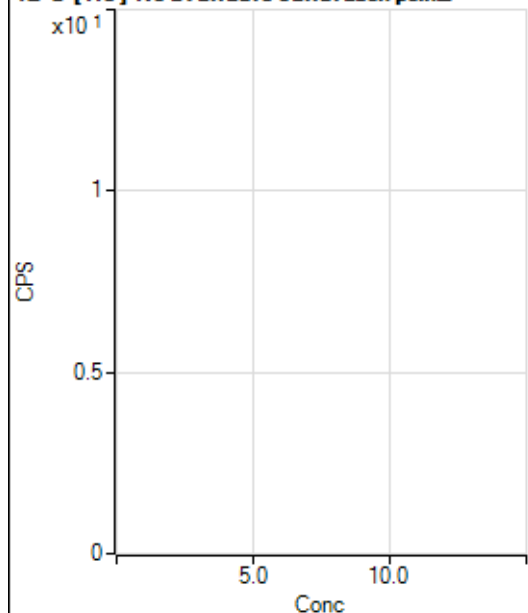
Min Conc: 0

12 C [No Gas] No available calibration points



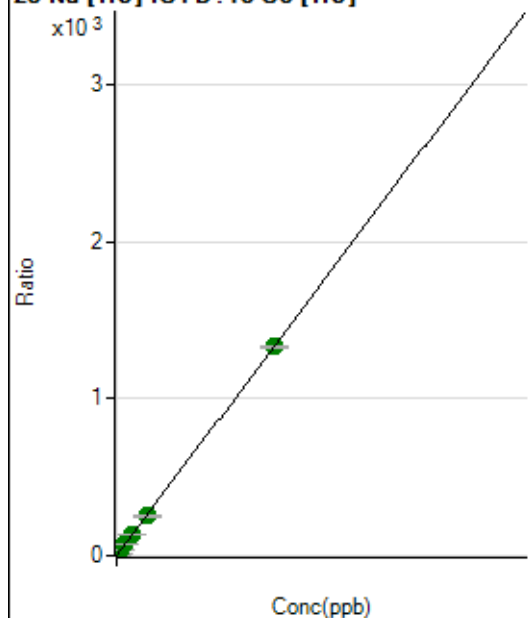
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2781098.53		A	1.7
2	☐			3131562.24		A	0.5
3	☐			3349679.74		A	0.3
4	☐			3443418.70		A	0.7
5	☐			3459863.21		A	1.7
6	☐			3504301.72		A	2.9
7	☐			3832762.30		A	3.1
8	☐			4841259.65		A	11.4

12 C [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18186.91		P	2.1
2	☐			20427.61		P	0.6
3	☐			21745.05		P	0.9
4	☐			22511.78		P	2.1
5	☐			23189.48		P	1.1
6	☐			24330.17		P	0.7
7	☐			27632.63		P	0.5
8	☐			44822.50		P	1.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18676.49	0.1135	P	2.6
2	☐	500.000	517.846	245842.74	1.4931	P	0.3
3	☐	5000.000	5220.165	2340727.61	14.0201	A	0.4
4	☐	12500.000	12807.212	5484663.43	34.2322	A	0.8
5	☐	25000.000	25754.067	10625581.58	68.7228	A	2.5
6	☐	50000.000	50936.052	20882867.61	135.8080	A	0.9
7	☐	100000.00	95025.142	40782815.51	253.2621	A	6.0
8	☐	500000.00	500853.76	182926532.8	1,334.396	A	0.8

$$y = 0.0027 * x + 0.1135$$

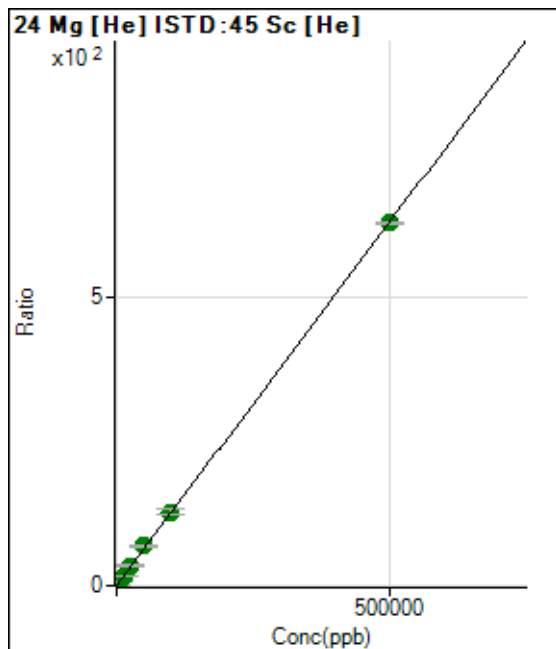
$$R = 0.9999$$

$$DL = 3.335$$

$$BEC = 42.61$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	537.79	0.0033	P	3.4
2	☐	500.000	571.998	118880.52	0.7220	P	0.3
3	☐	5000.000	5604.813	1176366.66	7.0458	A	0.7
4	☐	12500.000	13978.934	2814886.66	17.5681	A	0.6
5	☐	25000.000	27679.894	5377259.40	34.7837	A	3.3
6	☐	50000.000	54590.989	10547553.73	68.5981	A	1.7
7	☐	100000.00	101587.53	20555707.61	127.6504	A	6.0
8	☐	500000.00	499046.30	85966676.50	627.0668	A	0.7

$$y = 0.0013 * x + 0.0033$$

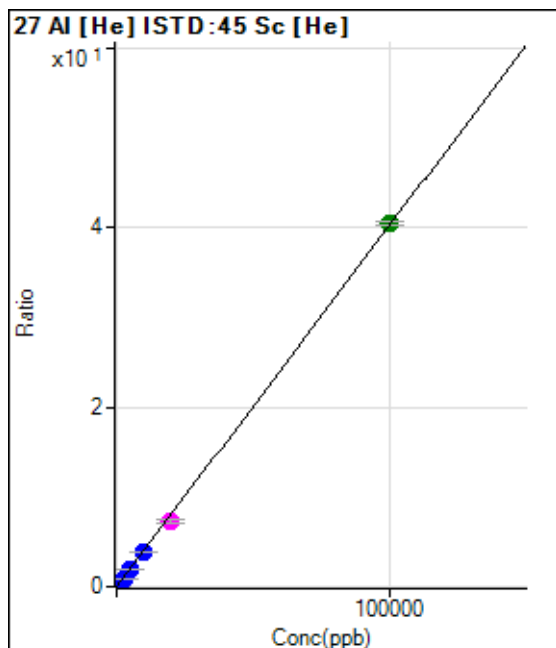
$$R = 1.0000$$

$$DL = 0.2619$$

$$BEC = 2.599$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0004	P	10.5
2	☐	20.000	19.497	1352.30	0.0082	P	4.1
3	☐	1000.000	959.910	64523.31	0.3865	P	1.0
4	☐	2500.000	2379.661	153458.92	0.9576	P	1.2
5	☐	5000.000	4761.011	296158.88	1.9154	P	2.5
6	☐	10000.000	9462.111	585315.00	3.8064	P	0.6
7	☐	20000.000	18039.181	1169174.25	7.2564	M	5.7
8	☐	100000.00	100461.31	5539912.21	40.4096	A	1.0

$$y = 4.0224E-004 * x + 3.7083E-004$$

$$R = 0.9998$$

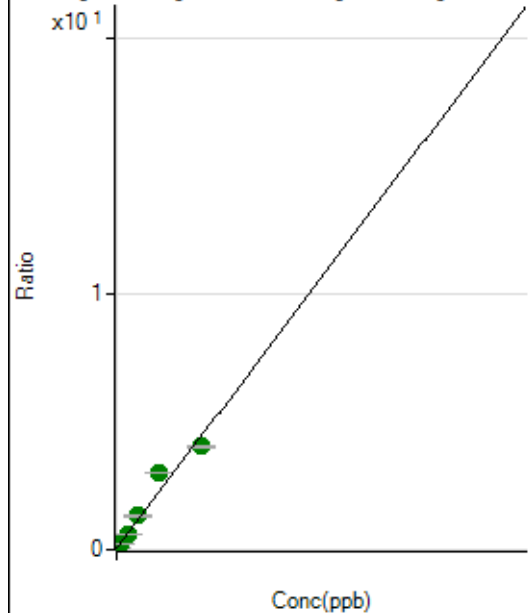
$$DL = 0.2893$$

$$BEC = 0.9219$$

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	398591.20	0.0423	P	0.2
2	☐	10.000	1.735	487247.19	0.0499	P	2.3
3	☐	50.000	47.094	2552423.87	0.2494	A	8.8
4	☐	125.000	127.905	5813608.45	0.6049	A	5.3
5	☐	250.000	292.523	12479284.40	1.3289	A	2.8
6	☐	500.000	668.277	27839775.97	2.9815	A	0.8
7	☐	1000.000	905.096	37391805.28	4.0231	A	2.4
8	☐			505265.44	0.0638	P	2.6

$$y = 0.0044 * x + 0.0423$$

$$R = 0.9762$$

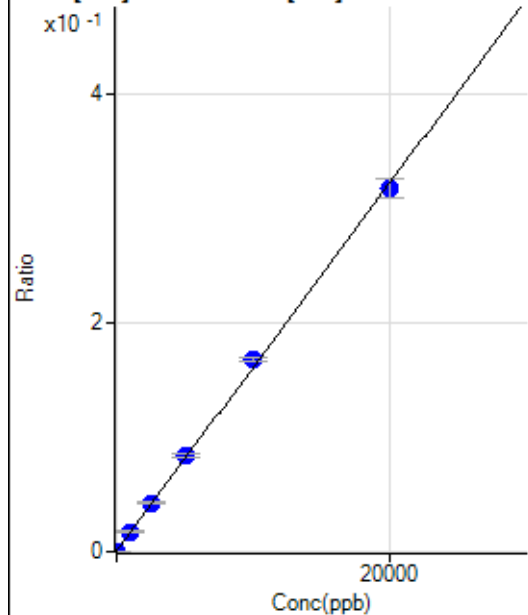
$$DL = 0.05488$$

$$BEC = 9.62$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.300	47.78	0.0003	P	19.6
2	☐	0.000	15.300	128.89	0.0008	P	5.5
3	☐	1000.000	1059.169	2931.43	0.0176	P	2.2
4	☐	2500.000	2633.655	6869.47	0.0429	P	3.1
5	☐	5000.000	5233.742	13085.99	0.0846	P	3.4
6	☐	10000.000	10437.383	25875.34	0.1683	P	1.5
7	☐	20000.000	19703.208	51097.41	0.3172	P	5.3
8	☐			75.56	0.0006	P	22.3

$$y = 1.6071E-005 * x + 5.3692E-004$$

$$R = 0.9996$$

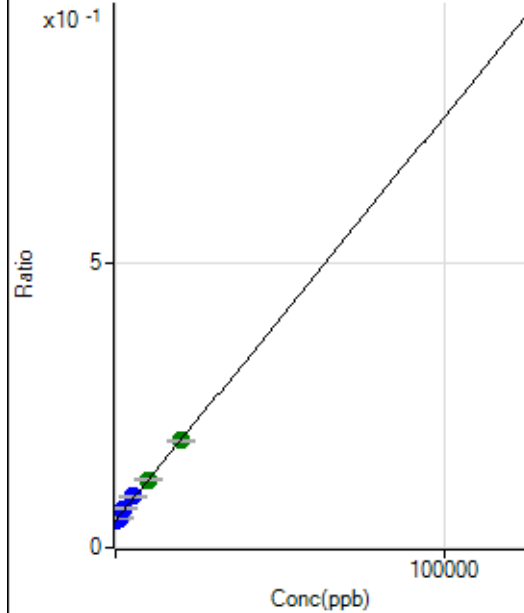
$$DL = 9.32$$

$$BEC = 33.41$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	77.055	452596.64	0.0480	P	0.4
2	☐	0.000	-77.055	458130.92	0.0470	P	1.3
3	☐	1000.000	645.707	532767.68	0.0521	P	9.1
4	☐	2500.000	2879.069	652400.29	0.0679	P	6.3
5	☐	5000.000	5920.395	840061.37	0.0895	P	1.4
6	☐	10000.000	10089.891	1111303.07	0.1190	A	1.8
7	☐	20000.000	19695.286	1738863.78	0.1871	A	2.9
8	☐			341569.72	0.0431	P	2.3

$$y = 7.0873E-006 * x + 0.0475$$

R = 0.9982

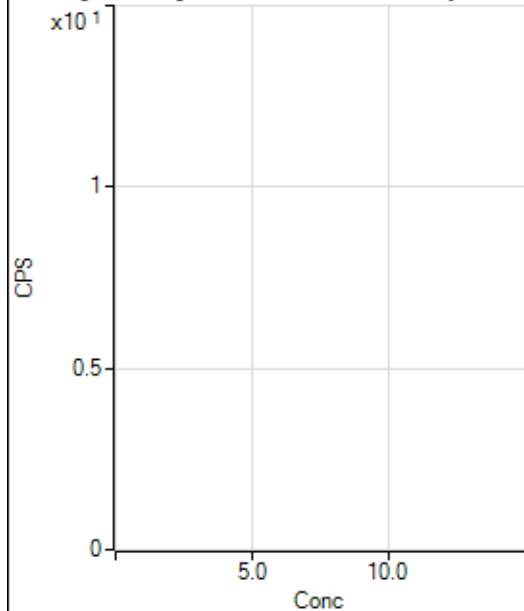
DL = 171.8

BEC = 6702

Weight: <None>

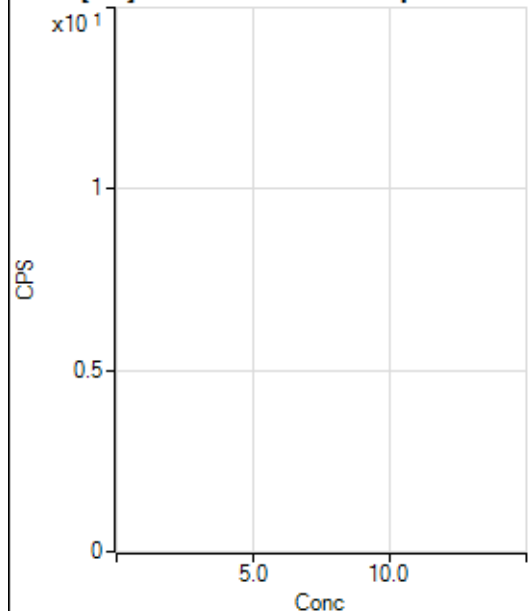
Min Conc: 0

35 Cl [No Gas] No available calibration points



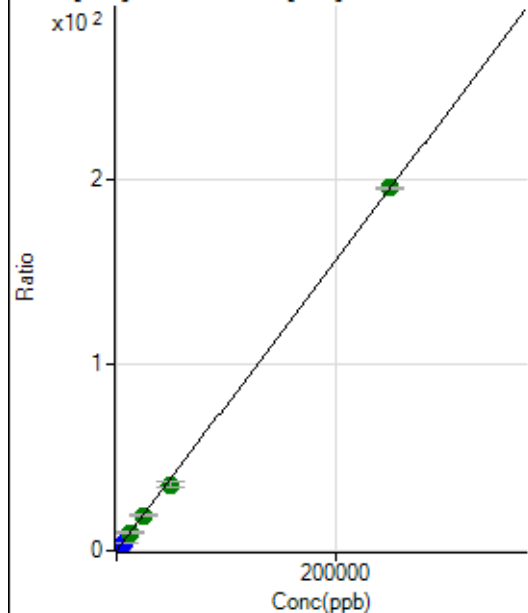
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			59378.77		P	0.5
2	☐			62165.93		P	0.4
3	☐			65850.99		P	1.0
4	☐			69807.13		P	0.8
5	☐			71279.68		P	2.4
6	☐			79068.88		P	4.4
7	☐			94917.76		P	3.9
8	☐			57483.52		P	2.1

35 Cl [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			238.89		P	9.3
2	☐			244.45		P	15.7
3	☐			221.12		P	21.9
4	☐			272.23		P	16.2
5	☐			238.89		P	3.5
6	☐			305.56		P	4.4
7	☐			404.46		P	4.8
8	☐			241.12		P	20.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6504.87	0.0395	P	1.2
2	☐	500.000	490.079	69314.05	0.4210	P	1.0
3	☐	2500.000	2354.333	312535.98	1.8720	P	0.5
4	☐	6250.000	5911.999	743666.12	4.6411	P	0.5
5	☐	12500.000	12504.224	1510799.13	9.7721	A	2.9
6	☐	25000.000	24548.174	2944095.48	19.1463	A	1.0
7	☐	50000.000	45833.739	5750581.58	35.7138	A	6.3
8	☐	250000.00	250888.15	26775853.21	195.3158	A	0.5

$$y = 7.7834E-004 * x + 0.0395$$

$$R = 0.9998$$

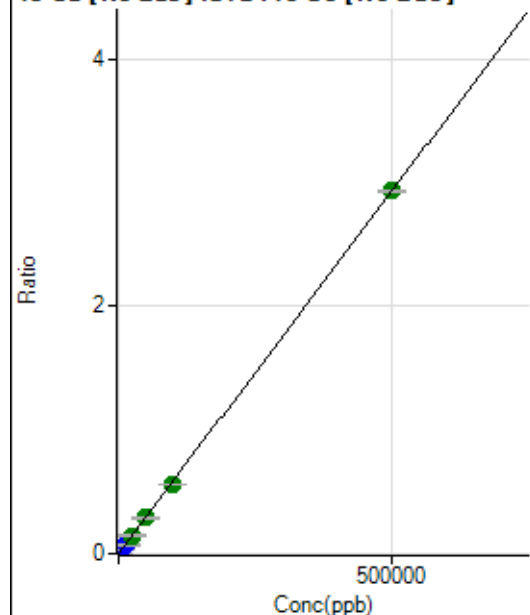
$$DL = 1.846$$

$$BEC = 50.77$$

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	440.01	0.0000	P	11.9
2	☐	500.000	495.907	28778.78	0.0029	P	2.8
3	☐	5000.000	4535.921	272262.78	0.0266	P	8.2
4	☐	12500.000	12143.561	683639.70	0.0711	P	5.6
5	☐	25000.000	25199.713	1385716.14	0.1476	A	1.6
6	☐	50000.000	49486.147	2705816.92	0.2897	A	2.4
7	☐	100000.00	95410.840	5191218.05	0.5586	A	1.3
8	☐	500000.00	500972.78	23224622.99	2.9327	A	0.7

$$y = 5.8540E-006 * x + 4.6719E-005$$

$$R = 1.0000$$

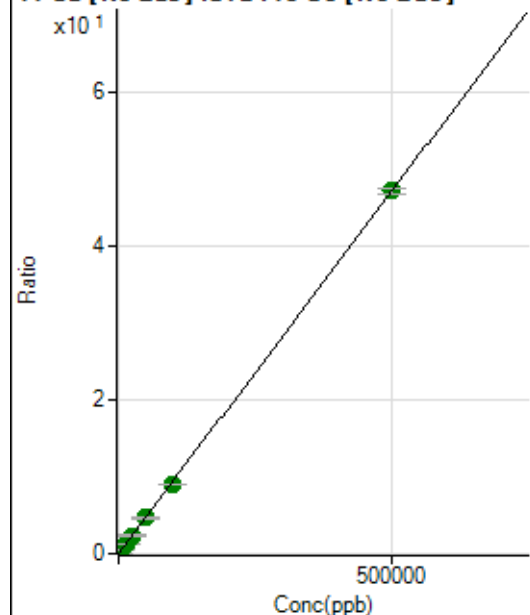
$$DL = 2.86$$

$$BEC = 7.981$$

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	8515.93	0.0009	P	0.9
2	☐	500.000	498.370	467584.48	0.0479	P	2.0
3	☐	5000.000	4735.690	4580089.93	0.4477	A	9.2
4	☐	12500.000	12502.904	11346407.33	1.1805	A	5.4
5	☐	25000.000	24955.726	22119602.72	2.3554	A	2.7
6	☐	50000.000	49157.355	43320409.63	4.6388	A	2.3
7	☐	100000.00	95879.158	84080052.08	9.0470	A	1.3
8	☐	500000.00	500913.21	374217296.6	47.2614	A	1.5

$$y = 9.4349E-005 * x + 9.0399E-004$$

$$R = 1.0000$$

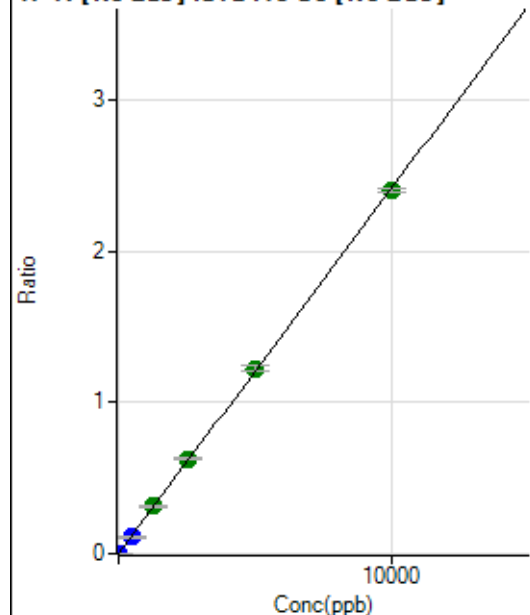
$$DL = 0.2717$$

$$BEC = 9.581$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	143.33	0.0000	P	25.8
2	☐	5.000	5.158	12307.56	0.0013	P	2.1
3	☐	500.000	466.229	1152872.13	0.1127	P	8.5
4	☐	1250.000	1303.962	3027988.25	0.3150	A	5.4
5	☐	2500.000	2596.827	5891825.81	0.6274	A	2.7
6	☐	5000.000	5072.872	11446774.13	1.2256	A	3.3
7	☐	10000.000	9934.301	22305824.67	2.4001	A	1.1
8	☐			7589.86	0.0010	P	4.3

$$y = 2.4160E-004 * x + 1.5212E-005$$

$$R = 0.9999$$

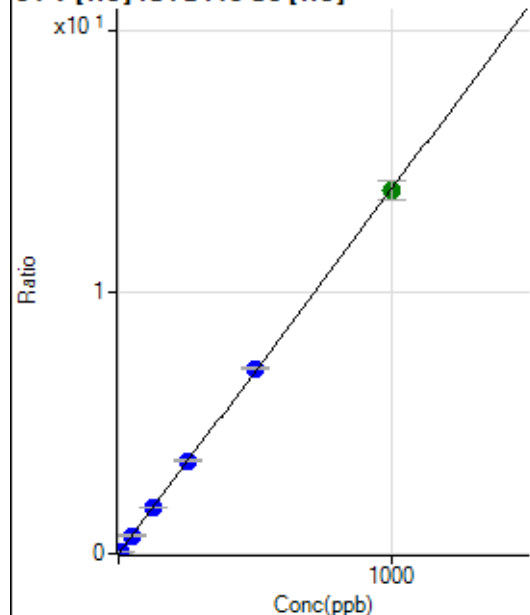
$$DL = 0.04882$$

$$BEC = 0.06296$$

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	13.33	0.0001	P	76.9
2	☐	5.000	5.269	12098.53	0.0735	P	1.0
3	☐	50.000	49.905	116076.51	0.6953	P	0.9
4	☐	125.000	126.890	283274.46	1.7676	P	1.0
5	☐	250.000	254.438	548076.06	3.5444	P	1.9
6	☐	500.000	506.959	1085908.98	7.0620	P	0.9
7	☐	1000.000	995.178	2233055.38	13.8628	A	5.4
8	☐			318.90	0.0023	P	12.0

$$y = 0.0139 * x + 8.1632E-005$$

$$R = 1.0000$$

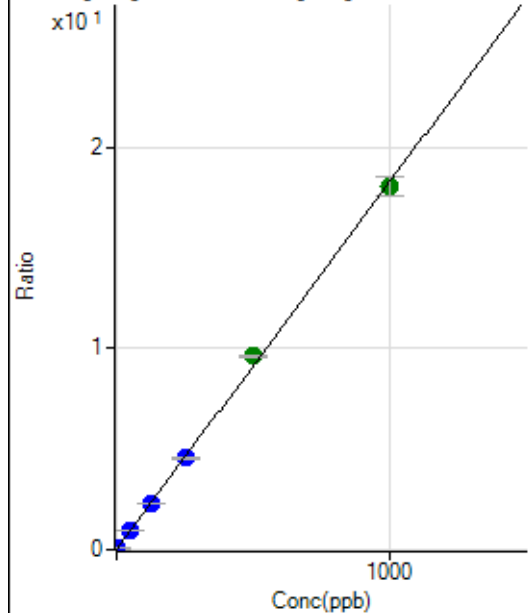
$$DL = 0.01352$$

$$BEC = 0.00586$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1824.58	0.0111	P	5.5
2	☐	2.000	2.125	8210.21	0.0499	P	0.9
3	☐	50.000	49.601	152938.48	0.9160	P	0.1
4	☐	125.000	124.862	366841.43	2.2892	P	0.9
5	☐	250.000	248.628	703098.45	4.5472	P	2.3
6	☐	500.000	526.342	1478302.27	9.6141	A	1.6
7	☐	1000.000	987.209	2902815.44	18.0225	A	5.5
8	☐			6580.12	0.0480	P	18.1

$$y = 0.0182 * x + 0.0111$$

R = 0.9995

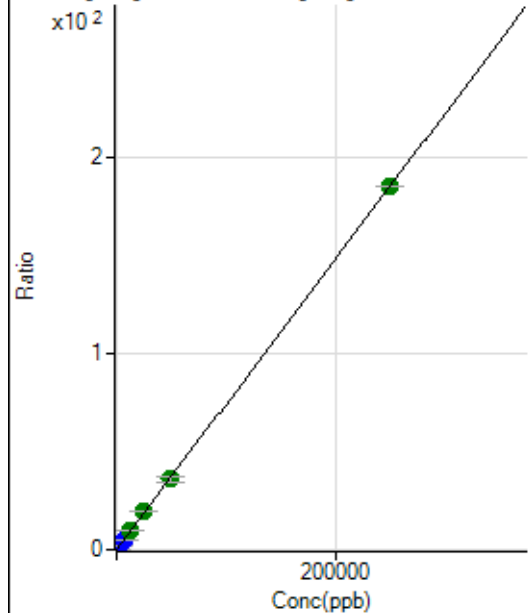
DL = 0.1009

BEC = 0.608

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	548.90	0.0033	P	5.4
2	☐	50.000	57.600	7553.17	0.0459	P	0.4
3	☐	2500.000	2557.404	315848.07	1.8918	P	0.5
4	☐	6250.000	6382.082	755669.28	4.7161	P	0.4
5	☐	12500.000	13273.143	1516040.24	9.8048	A	2.6
6	☐	25000.000	26466.057	3005459.68	19.5470	A	1.8
7	☐	50000.000	48530.986	5770728.87	35.8406	A	6.4
8	☐	250000.00	250104.66	25319241.57	184.6909	A	0.2

$$y = 7.3844E-004 * x + 0.0033$$

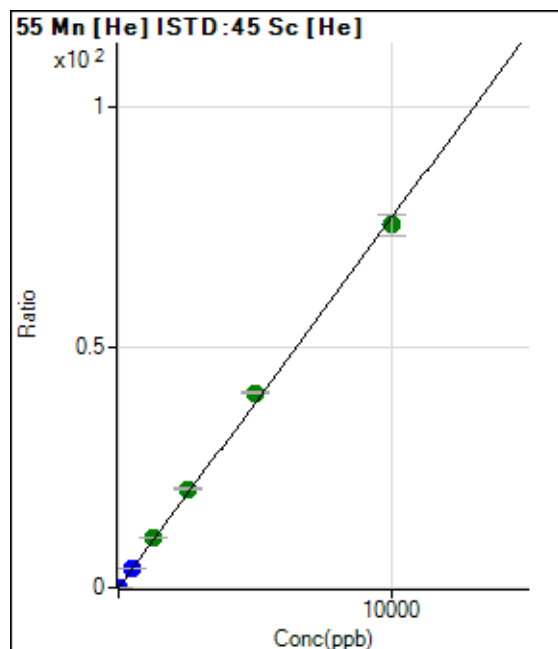
R = 1.0000

DL = 0.7362

BEC = 4.521

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0012	P	23.7
2	☐	1.000	1.096	1580.11	0.0096	P	4.5
3	☐	500.000	505.368	650297.54	3.8950	P	0.1
4	☐	1250.000	1337.036	1651038.60	10.3031	A	0.8
5	☐	2500.000	2671.615	3182765.33	20.5861	A	2.8
6	☐	5000.000	5265.753	6239161.57	40.5741	A	0.6
7	☐	10000.000	9813.072	12176614.40	75.6115	A	5.9
8	☐			4065.12	0.0297	P	4.4

$$y = 0.0077 * x + 0.0012$$

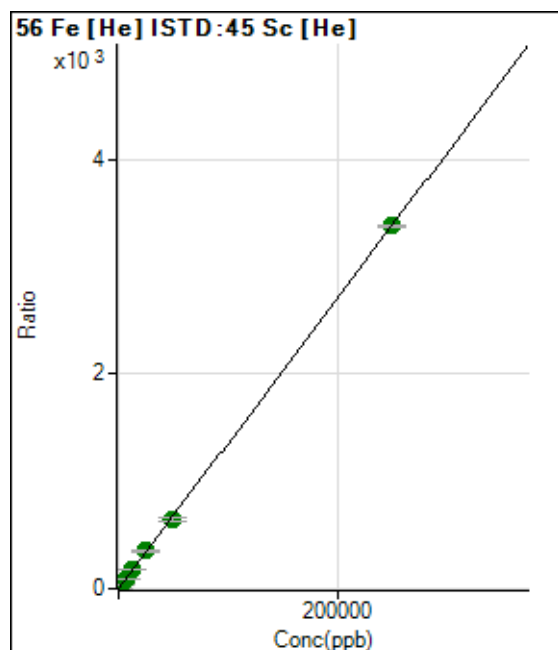
$$R = 0.9993$$

$$DL = 0.1065$$

$$BEC = 0.1496$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8069.03	0.0490	P	2.4
2	☐	50.000	54.837	129929.49	0.7891	P	0.7
3	☐	2500.000	2627.368	5928038.52	35.5073	A	0.9
4	☐	6250.000	6589.984	14259544.51	88.9858	A	0.9
5	☐	12500.000	13027.227	27191727.10	175.8613	A	2.3
6	☐	25000.000	25943.110	53841976.42	350.1708	A	1.6
7	☐	50000.000	48024.822	104403318.4	648.1801	A	5.4
8	☐	250000.00	250264.58	463024321.9	3,377.557	A	0.2

$$y = 0.0135 * x + 0.0490$$

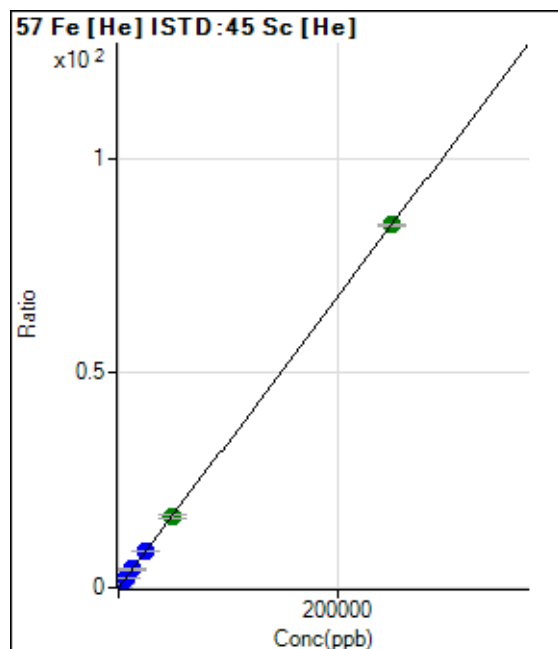
$$R = 0.9999$$

$$DL = 0.2575$$

$$BEC = 3.634$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	183.34	0.0011	P	14.4
2	☐	50.000	53.622	3167.05	0.0192	P	1.8
3	☐	2500.000	2548.696	143978.40	0.8624	P	0.9
4	☐	6250.000	6369.774	345139.49	2.1537	P	1.1
5	☐	12500.000	12649.048	661147.62	4.2756	P	1.9
6	☐	25000.000	25055.375	1302092.19	8.4681	P	1.1
7	☐	50000.000	49015.777	2668408.76	16.5650	A	5.2
8	☐	250000.00	250180.37	11589914.96	84.5447	A	0.6

$$y = 3.3793E-004 * x + 0.0011$$

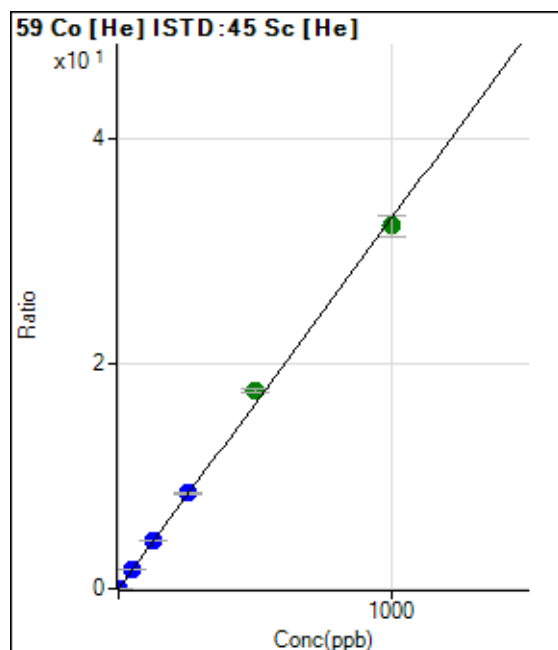
R = 1.0000

DL = 1.429

BEC = 3.296

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	176.67	0.0011	P	26.1
2	☐	1.000	1.130	6310.35	0.0383	P	1.7
3	☐	50.000	51.929	286018.79	1.7132	P	1.1
4	☐	125.000	129.958	686728.14	4.2859	P	0.4
5	☐	250.000	258.378	1317492.50	8.5199	P	1.8
6	☐	500.000	534.784	2711445.31	17.6332	A	1.1
7	☐	1000.000	979.797	5202623.78	32.3055	A	5.8
8	☐			9505.46	0.0693	P	1.1

$$y = 0.0330 * x + 0.0011$$

R = 0.9990

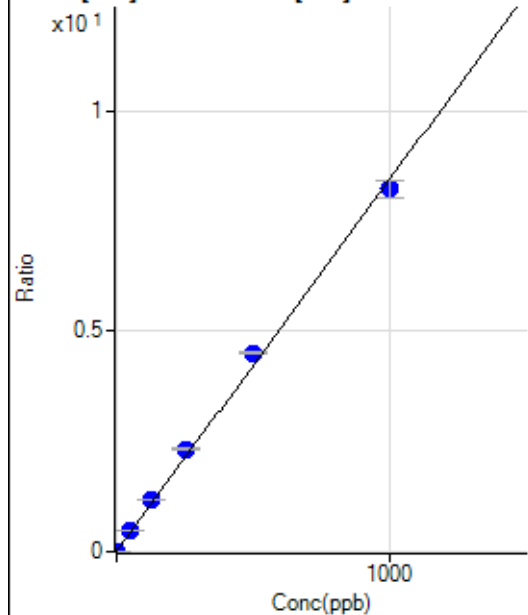
DL = 0.02557

BEC = 0.0327

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1528.99	0.0093	P	7.0
2	☐	1.000	1.122	3088.14	0.0188	P	3.3
3	☐	50.000	55.258	79305.91	0.4750	P	1.5
4	☐	125.000	139.951	190493.40	1.1889	P	0.5
5	☐	250.000	274.859	359678.56	2.3259	P	1.6
6	☐	500.000	533.403	692720.31	4.5050	P	1.0
7	☐	1000.000	974.952	1325263.78	8.2265	P	5.0
8	☐			5793.45	0.0423	P	1.7

$$y = 0.0084 * x + 0.0093$$

$$R = 0.9988$$

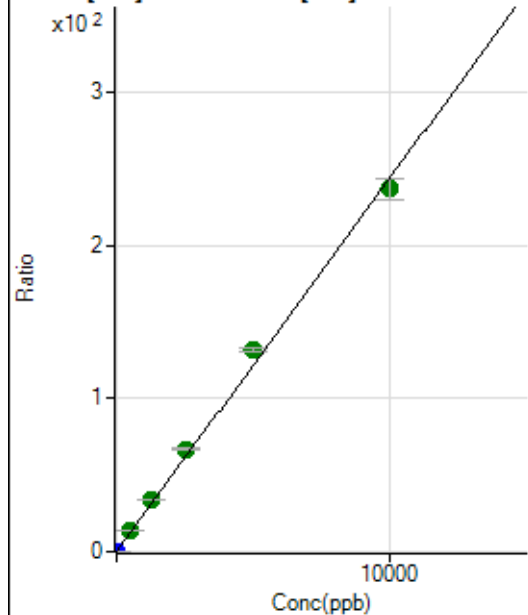
$$DL = 0.2305$$

$$BEC = 1.104$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2852.54	0.0173	P	2.5
2	☐	2.000	2.311	12118.57	0.0736	P	0.7
3	☐	500.000	555.681	2261786.08	13.5472	A	0.1
4	☐	1250.000	1382.362	5395335.10	33.6754	A	0.1
5	☐	2500.000	2744.547	10334509.29	66.8423	A	2.7
6	☐	5000.000	5388.510	20175262.89	131.2181	A	2.0
7	☐	10000.000	9725.279	38143519.71	236.8109	A	5.5
8	☐			8949.56	0.0653	P	2.4

$$y = 0.0243 * x + 0.0173$$

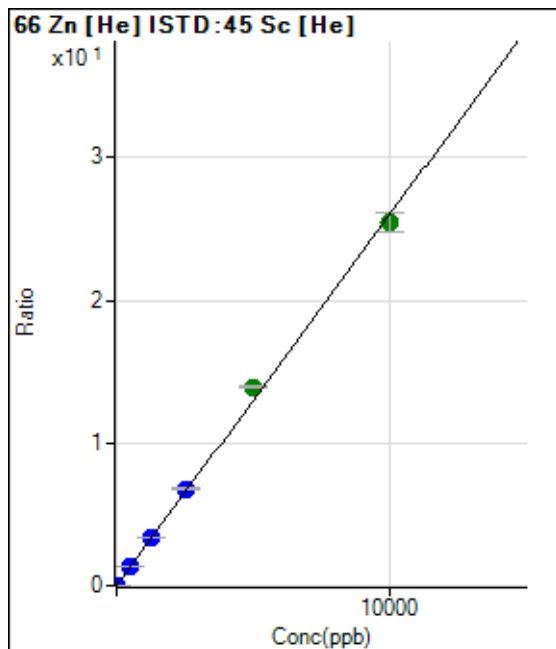
$$R = 0.9985$$

$$DL = 0.0544$$

$$BEC = 0.7121$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	247.78	0.0015	P	9.9
2	☐	5.000	5.798	2726.95	0.0166	P	3.3
3	☐	500.000	521.844	226512.84	1.3567	P	0.2
4	☐	1250.000	1305.407	543408.98	3.3916	P	0.1
5	☐	2500.000	2594.653	1042148.99	6.7398	P	2.1
6	☐	5000.000	5364.334	2142278.11	13.9326	A	1.5
7	☐	10000.000	9786.151	4093843.52	25.4161	A	5.3
8	☐			5176.55	0.0378	P	4.1

$$y = 0.0026 * x + 0.0015$$

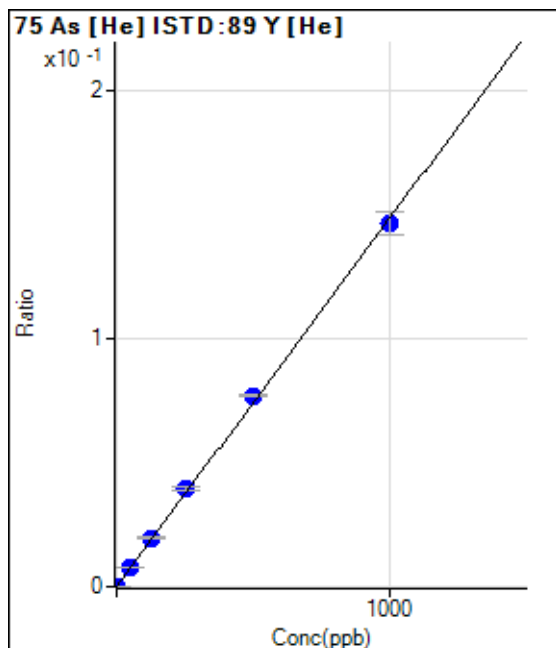
$$R = 0.9989$$

$$DL = 0.1729$$

$$BEC = 0.5799$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6.67	0.0000	P	50.5
2	☐	1.000	1.267	313.34	0.0002	P	13.3
3	☐	50.000	51.966	12803.69	0.0077	P	1.7
4	☐	125.000	132.360	30991.89	0.0197	P	1.9
5	☐	250.000	265.069	60349.51	0.0394	P	3.1
6	☐	500.000	519.455	118184.65	0.0772	P	0.5
7	☐	1000.000	985.486	233494.31	0.1465	P	6.4
8	☐			108.89	0.0001	P	25.5

$$y = 1.4868E-004 * x + 4.1011E-006$$

$$R = 0.9996$$

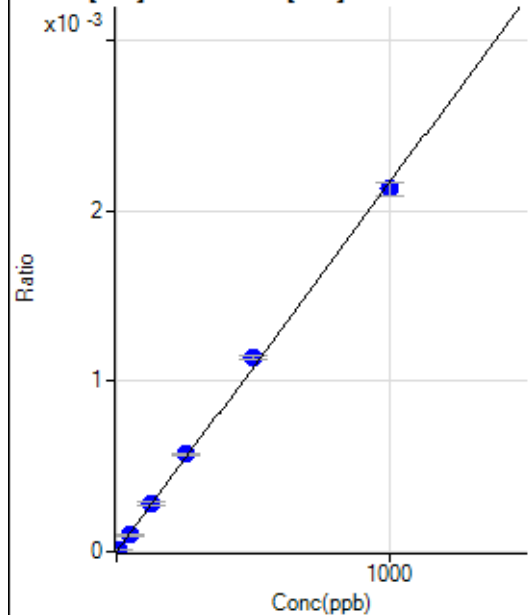
$$DL = 0.04179$$

$$BEC = 0.02758$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.425	15.56	0.0000	P	33.5
3	☐	50.000	45.597	163.34	0.0001	P	9.0
4	☐	125.000	131.285	446.68	0.0003	P	8.6
5	☐	250.000	263.545	873.37	0.0006	P	1.9
6	☐	500.000	525.442	1739.01	0.0011	P	2.4
7	☐	1000.000	983.330	3399.33	0.0021	P	4.0
8	☐			2.22	0.0000	P	173.2

$$y = 2.1629E-006 * x + 0.0000E+000$$

$$R = 0.9993$$

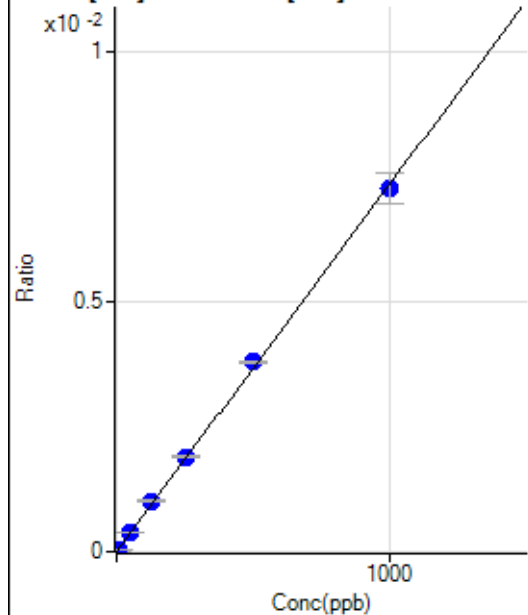
$$DL = 0$$

$$BEC = 0$$

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	4.44	0.0000	P	115.4
2	☐	5.000	5.094	65.56	0.0000	P	17.0
3	☐	50.000	52.937	648.91	0.0004	P	2.8
4	☐	125.000	136.902	1589.00	0.0010	P	2.6
5	☐	250.000	258.036	2908.11	0.0019	P	2.6
6	☐	500.000	516.329	5810.14	0.0038	P	1.4
7	☐	1000.000	988.191	11569.29	0.0073	P	8.3
8	☐			10.00	0.0000	P	32.6

$$y = 7.3485E-006 * x + 2.7703E-006$$

$$R = 0.9997$$

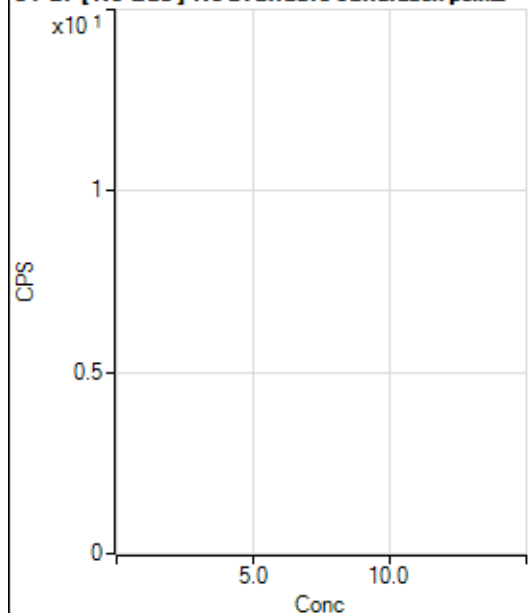
$$DL = 1.305$$

$$BEC = 0.377$$

Weight: <None>

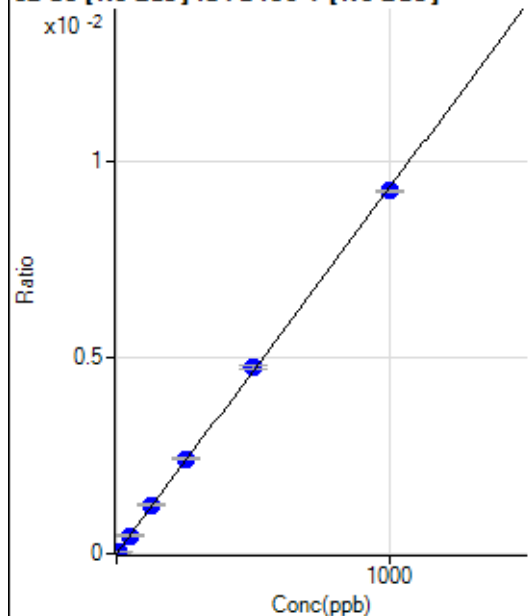
Min Conc: 0

81 Br [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5992.45		P	3.8
2	☐			5926.86		P	1.2
3	☐			5874.63		P	2.0
4	☐			6150.29		P	2.9
5	☐			5897.97		P	2.8
6	☐			5937.99		P	3.2
7	☐			6373.72		P	0.9
8	☐			6377.06		P	3.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-40.00	0.0000	P	-59.9
2	☐	5.000	5.430	1170.08	0.0000	P	4.5
3	☐	50.000	49.655	11631.73	0.0005	P	7.1
4	☐	125.000	132.835	29231.99	0.0012	P	4.6
5	☐	250.000	259.812	56393.54	0.0024	P	0.9
6	☐	500.000	509.446	109345.07	0.0048	P	1.9
7	☐	1000.000	991.860	211821.24	0.0093	P	0.7
8	☐			-26.67	0.0000	P	-251.

$$y = 9.3359E-006 * x - 1.7073E-006$$

$$R = 0.9999$$

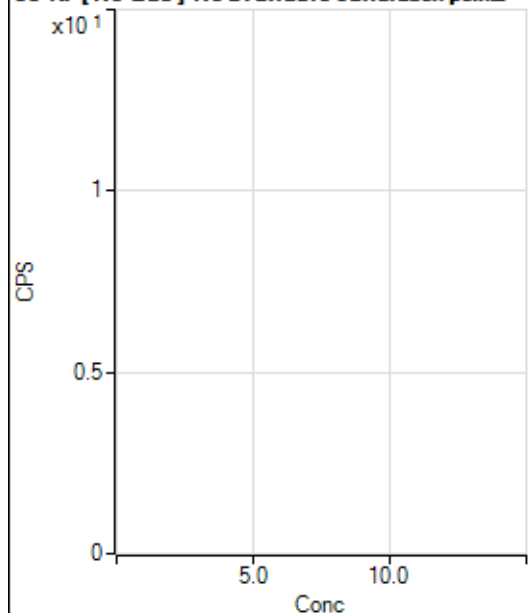
$$DL = 0.3284$$

$$BEC = -0.1829$$

Weight: <None>

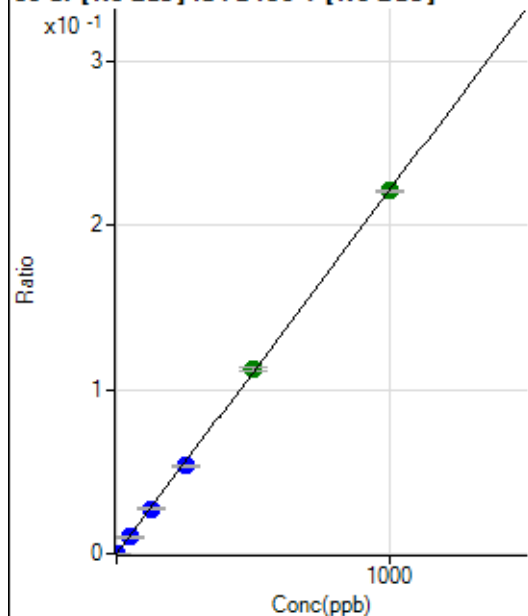
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			195.56		P	9.4
2	☐			188.89		P	9.7
3	☐			167.78		P	20.9
4	☐			178.89		P	13.2
5	☐			177.78		P	6.6
6	☐			218.89		P	1.8
7	☐			220.00		P	14.5
8	☐			353.34		P	21.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	310.01	0.0000	P	2.9
2	☐	1.000	0.993	5568.93	0.0002	P	5.0
3	☐	50.000	45.666	254952.60	0.0101	P	8.3
4	☐	125.000	122.760	642335.05	0.0272	P	3.9
5	☐	250.000	241.801	1246664.24	0.0536	P	2.7
6	☐	500.000	508.606	2591942.88	0.1127	A	2.4
7	☐	1000.000	998.244	5059881.56	0.2212	A	0.5
8	☐			12557.97	0.0006	P	1.6

$$y = 2.2155E-004 * x + 1.3239E-005$$

$$R = 0.9999$$

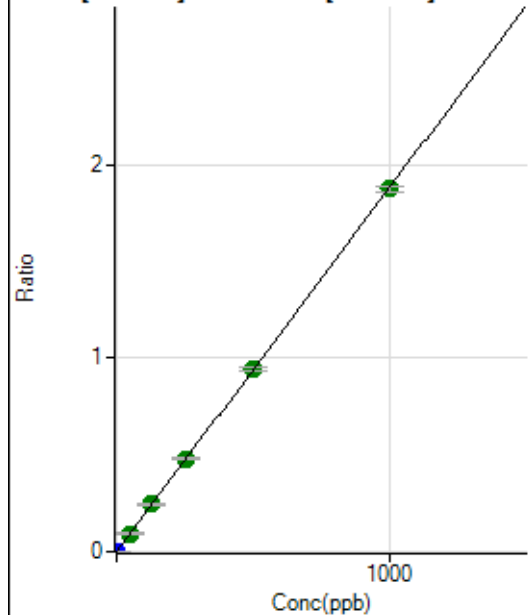
$$DL = 0.005256$$

$$BEC = 0.05976$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	407.79	0.0000	P	3.0
2	☐	1.000	0.964	43739.36	0.0018	P	3.4
3	☐	50.000	49.186	2330925.33	0.0926	A	8.3
4	☐	125.000	129.781	5766568.80	0.2444	A	5.0
5	☐	250.000	255.589	11195869.49	0.4812	A	2.2
6	☐	500.000	502.908	21775486.62	0.9468	A	1.8
7	☐	1000.000	996.592	42932629.08	1.8763	A	1.8
8	☐			103607.60	0.0052	P	0.7

$$y = 0.0019 * x + 1.7415E-005$$

R = 1.0000

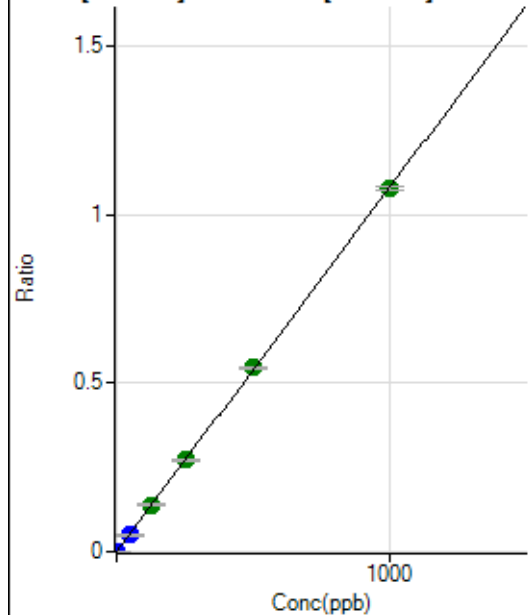
DL = 0.0008344

BEC = 0.00925

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	727.81	0.0000	P	5.0
2	☐	1.000	0.995	26427.28	0.0011	P	2.0
3	☐	50.000	45.342	1234502.72	0.0491	P	8.5
4	☐	125.000	128.176	3271831.97	0.1386	A	4.5
5	☐	250.000	252.462	6351258.31	0.2730	A	2.1
6	☐	500.000	505.116	12560530.93	0.5462	A	1.2
7	☐	1000.000	996.662	24657292.97	1.0777	A	0.9
8	☐			12991.71	0.0007	P	2.7

$$y = 0.0011 * x + 3.1083E-005$$

R = 1.0000

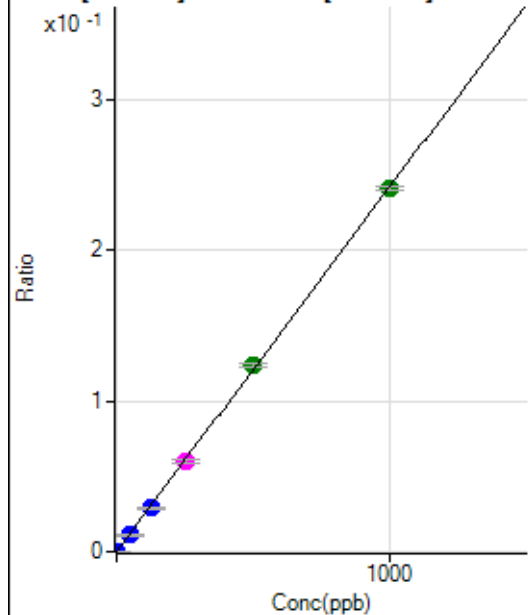
DL = 0.004329

BEC = 0.02875

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	153.34	0.0000	P	11.3
2	☐	1.000	0.980	5810.16	0.0002	P	4.2
3	☐	50.000	44.863	273058.90	0.0108	P	7.9
4	☐	125.000	120.968	690113.63	0.0292	P	4.4
5	☐	250.000	248.548	1397650.90	0.0601	M	5.2
6	☐	500.000	511.452	2842381.76	0.1236	A	1.6
7	☐	1000.000	995.398	5503360.16	0.2405	A	1.2
8	☐			2964.79	0.0001	P	3.7

$$y = 2.4164E-004 * x + 6.5479E-006$$

$$R = 0.9999$$

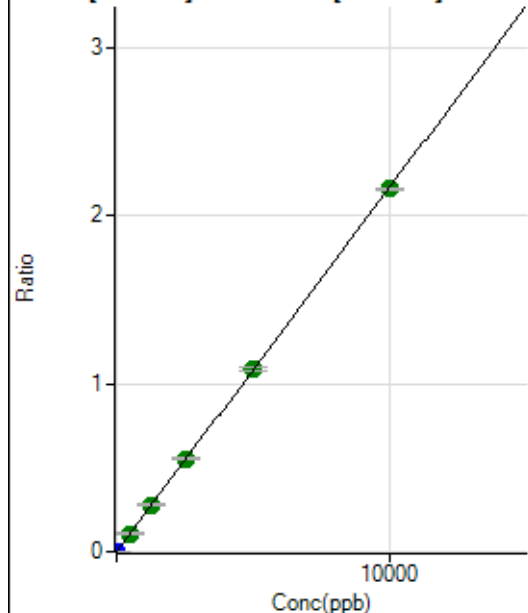
$$DL = 0.009183$$

$$BEC = 0.0271$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	522.24	0.0000	P	3.8
2	☐	5.000	5.962	31378.68	0.0013	P	4.5
3	☐	500.000	483.496	2637155.07	0.1048	A	8.4
4	☐	1250.000	1291.344	6604291.36	0.2799	A	5.2
5	☐	2500.000	2544.846	12830412.17	0.5515	A	2.4
6	☐	5000.000	5039.805	25118300.18	1.0921	A	2.1
7	☐	10000.000	9964.543	49403889.82	2.1593	A	0.8
8	☐			11944.17	0.0006	P	11.8

$$y = 2.1670E-004 * x + 2.2306E-005$$

$$R = 1.0000$$

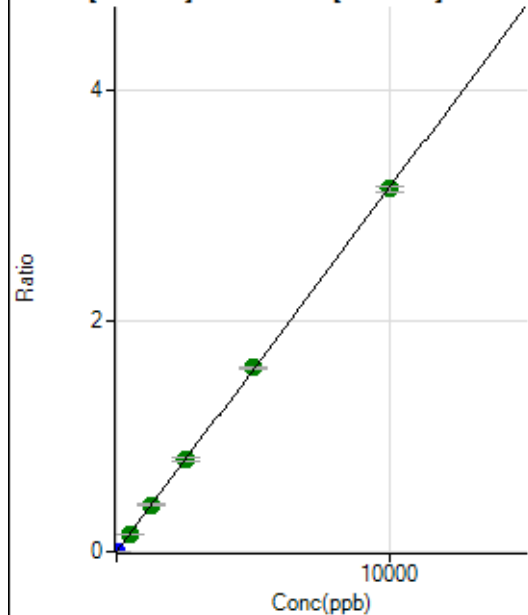
$$DL = 0.01176$$

$$BEC = 0.1029$$

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	532.24	0.0000	P	3.9
2	☐	5.000	4.908	37472.60	0.0016	P	2.4
3	☐	500.000	479.146	3798346.96	0.1510	A	9.0
4	☐	1250.000	1287.477	9573417.36	0.4057	A	5.0
5	☐	2500.000	2534.244	18576371.81	0.7985	A	2.5
6	☐	5000.000	5048.313	36575983.07	1.5906	A	0.9
7	☐	10000.000	9963.641	71831217.82	3.1392	A	1.6
8	☐			10757.68	0.0005	P	15.4

$$y = 3.1506\text{E-}004 * x + 2.2733\text{E-}005$$

R = 1.0000

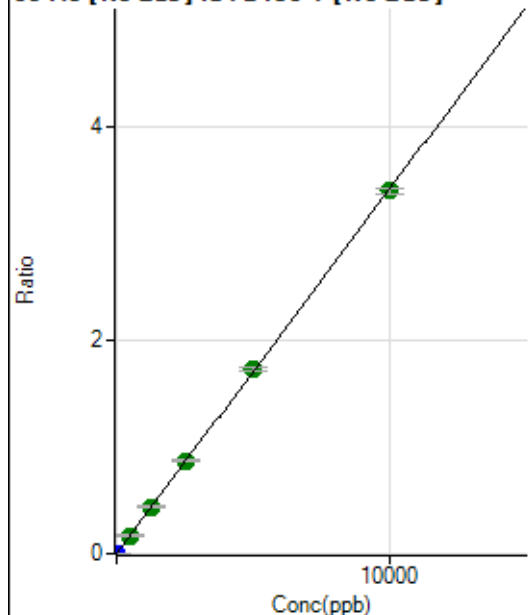
DL = 0.008374

BEC = 0.07215

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	635.58	0.0000	P	5.8
2	☐	5.000	5.032	41648.97	0.0017	P	2.5
3	☐	500.000	481.704	4135838.58	0.1644	A	8.6
4	☐	1250.000	1283.341	10336723.39	0.4379	A	3.8
5	☐	2500.000	2558.071	20304742.48	0.8728	A	2.5
6	☐	5000.000	5058.223	39685073.30	1.7257	A	1.3
7	☐	10000.000	9953.118	77695502.17	3.3957	A	1.4
8	☐			14753.58	0.0007	P	11.0

$$y = 3.4116\text{E-}004 * x + 2.7143\text{E-}005$$

R = 0.9999

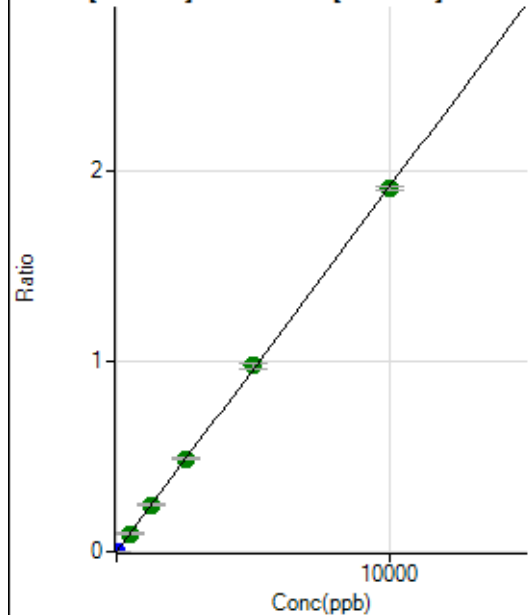
DL = 0.01378

BEC = 0.07956

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	332.23	0.0000	P	2.3
2	☐	5.000	4.929	22945.71	0.0010	P	3.5
3	☐	500.000	482.776	2333612.05	0.0927	A	8.7
4	☐	1250.000	1279.316	5801103.59	0.2457	A	3.8
5	☐	2500.000	2543.288	11366011.78	0.4885	A	2.7
6	☐	5000.000	5089.562	22484445.64	0.9776	A	2.4
7	☐	10000.000	9941.594	43691045.74	1.9095	A	1.1
8	☐			5567.86	0.0003	P	17.4

$$y = 1.9207\text{E-}004 * x + 1.4190\text{E-}005$$

$$R = 0.9999$$

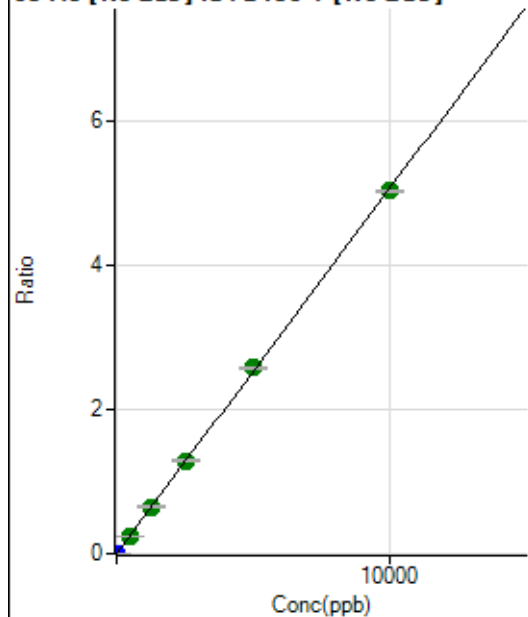
$$DL = 0.005192$$

$$BEC = 0.07388$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	778.92	0.0000	P	6.8
2	☐	5.000	4.936	60460.93	0.0025	P	3.3
3	☐	500.000	475.139	6054186.30	0.2406	A	8.3
4	☐	1250.000	1288.584	15401005.74	0.6524	A	3.7
5	☐	2500.000	2541.138	29929033.16	1.2864	A	2.3
6	☐	5000.000	5090.644	59269079.67	2.5771	A	1.8
7	☐	10000.000	9940.814	115135346.0	5.0324	A	0.7
8	☐			13585.88	0.0007	P	19.7

$$y = 5.0624\text{E-}004 * x + 3.3266\text{E-}005$$

$$R = 0.9999$$

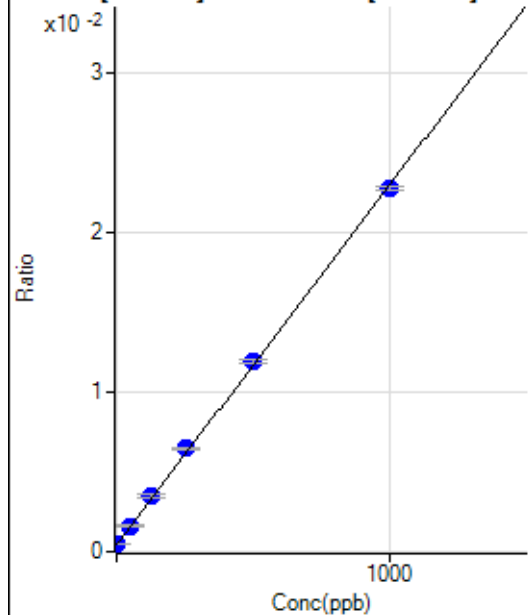
$$DL = 0.01337$$

$$BEC = 0.06571$$

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	7426.50	0.0004	P	1.0
2	☐	1.000	0.793	7885.64	0.0005	P	3.2
3	☐	50.000	51.281	29072.83	0.0016	P	6.7
4	☐	125.000	135.884	60484.00	0.0035	P	5.2
5	☐	250.000	267.035	110185.32	0.0065	P	1.3
6	☐	500.000	509.597	203139.33	0.0119	P	2.0
7	☐	1000.000	989.518	385834.37	0.0228	P	1.1
8	☐			6002.47	0.0004	P	1.6

$$y = 2.2556E-005 * x + 4.3701E-004$$

$$R = 0.9997$$

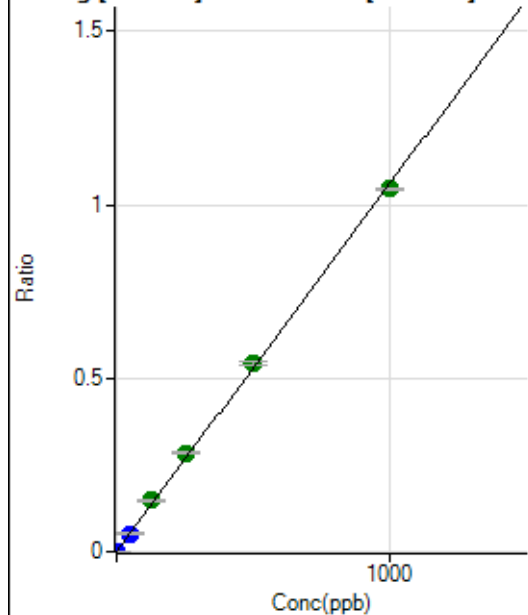
$$DL = 0.603$$

$$BEC = 19.37$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	164.45	0.0000	P	4.4
2	☐	1.000	0.992	18386.74	0.0011	P	1.5
3	☐	50.000	48.779	941884.13	0.0517	P	8.8
4	☐	125.000	138.673	2537182.03	0.1470	A	6.3
5	☐	250.000	267.471	4834660.72	0.2834	A	2.4
6	☐	500.000	514.324	9279013.96	0.5450	A	2.0
7	☐	1000.000	986.822	17729304.87	1.0457	A	0.8
8	☐			2368.01	0.0002	P	15.2

$$y = 0.0011 * x + 9.6778E-006$$

$$R = 0.9996$$

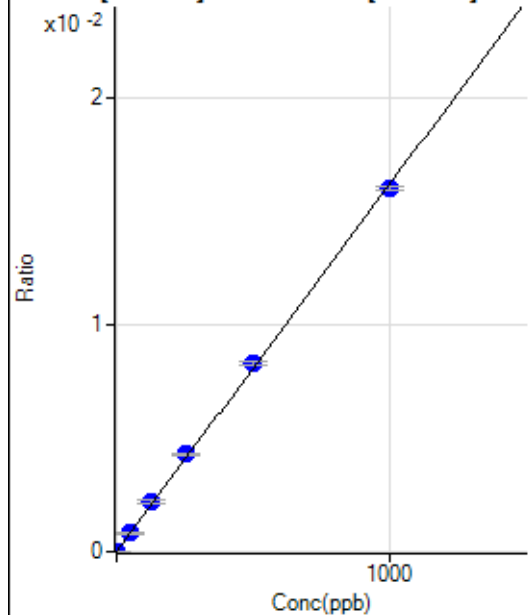
$$DL = 0.001197$$

$$BEC = 0.009133$$

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	25.55	0.0000	P	14.8
2	☐	1.000	1.018	311.12	0.0000	P	12.4
3	☐	50.000	51.414	15152.87	0.0008	P	9.7
4	☐	125.000	137.946	38494.74	0.0022	P	6.9
5	☐	250.000	265.596	73213.16	0.0043	P	2.3
6	☐	500.000	512.576	141001.72	0.0083	P	1.6
7	☐	1000.000	988.124	270662.70	0.0160	P	1.2
8	☐			166.67	0.0000	P	22.9

$$y = 1.6155E-005 * x + 1.5034E-006$$

$$R = 0.9997$$

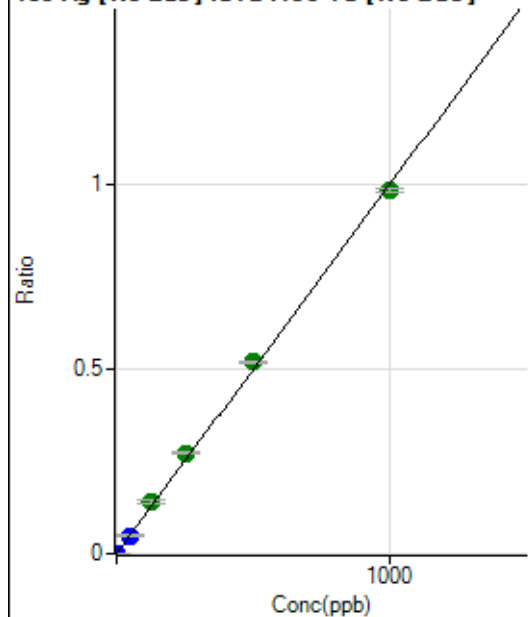
$$DL = 0.04132$$

$$BEC = 0.09306$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	67.78	0.0000	P	24.9
2	☐	1.000	1.022	17778.23	0.0010	P	1.7
3	☐	50.000	49.461	901178.05	0.0495	P	8.9
4	☐	125.000	140.009	2418429.53	0.1400	A	5.0
5	☐	250.000	271.589	4632622.29	0.2716	A	1.9
6	☐	500.000	518.679	8830295.29	0.5187	A	1.2
7	☐	1000.000	983.414	16674810.72	0.9834	A	1.0
8	☐			2257.99	0.0002	P	12.7

$$y = 0.0010 * x + 3.9859E-006$$

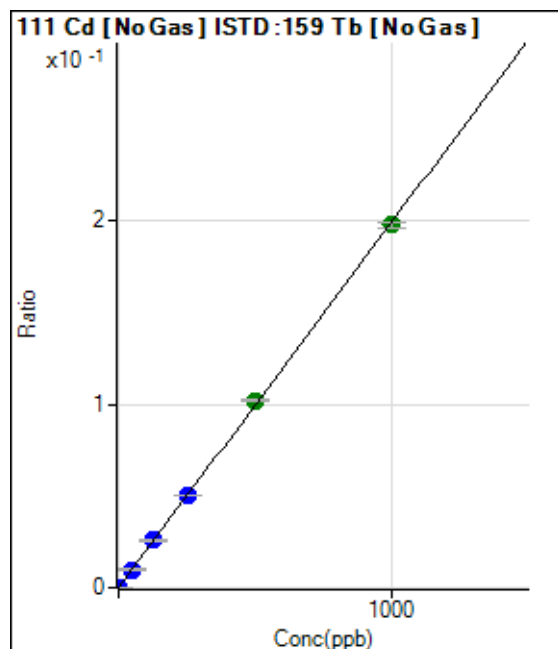
$$R = 0.9994$$

$$DL = 0.002974$$

$$BEC = 0.003986$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1508.53	0.0001	P	1.2
2	☐	1.000	1.081	5271.06	0.0003	P	1.6
3	☐	50.000	48.988	179408.88	0.0098	P	9.1
4	☐	125.000	129.346	446606.55	0.0259	P	5.3
5	☐	250.000	252.155	858379.83	0.0503	P	1.0
6	☐	500.000	511.926	1737967.87	0.1021	A	1.6
7	☐	1000.000	993.006	3356285.33	0.1979	A	1.6
8	☐			1937.19	0.0001	P	2.6

$$y = 1.9924\text{E-}004 * x + 8.8768\text{E-}005$$

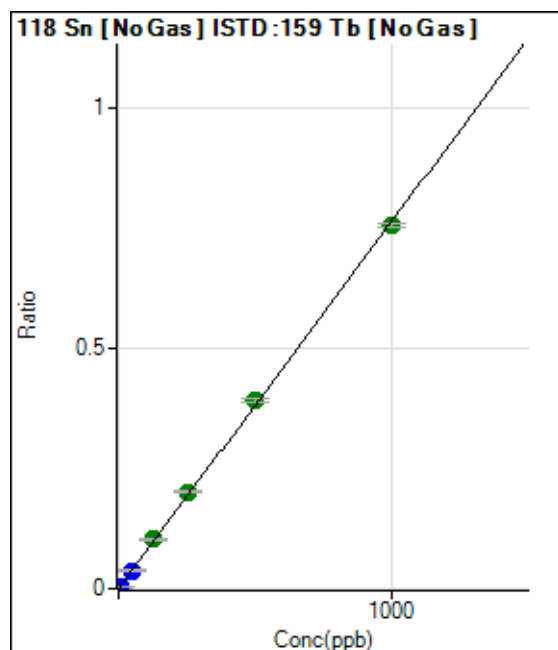
R = 0.9999

DL = 0.01599

BEC = 0.4455

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	856.73	0.0001	P	2.5
2	☐	5.000	4.708	63219.78	0.0036	P	1.5
3	☐	50.000	48.162	671317.16	0.0369	P	9.0
4	☐	125.000	135.102	1783726.03	0.1033	A	5.3
5	☐	250.000	263.813	3439156.48	0.2016	A	2.2
6	☐	500.000	513.366	6678842.11	0.3923	A	1.5
7	☐	1000.000	988.695	12809157.53	0.7555	A	1.0
8	☐			3874.24	0.0003	P	11.5

$$y = 7.6409\text{E-}004 * x + 5.0411\text{E-}005$$

R = 0.9997

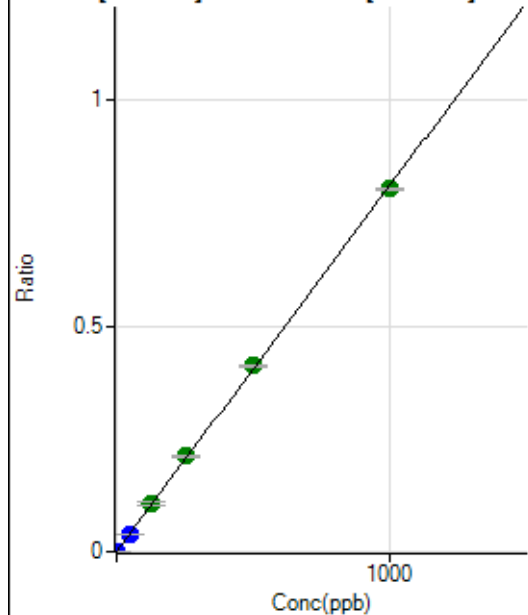
DL = 0.005037

BEC = 0.06598

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	95.56	0.0000	P	11.8
2	☐	2.000	2.022	28463.00	0.0016	P	1.4
3	☐	50.000	47.282	697386.27	0.0383	P	8.7
4	☐	125.000	132.189	1846730.32	0.1070	A	7.2
5	☐	250.000	261.254	3606792.83	0.2115	A	1.4
6	☐	500.000	508.568	7007799.83	0.4116	A	1.2
7	☐	1000.000	992.140	13615004.24	0.8030	A	0.7
8	☐			8727.32	0.0006	P	4.9

$$y = 8.0939E-004 * x + 5.6210E-006$$

$$R = 0.9998$$

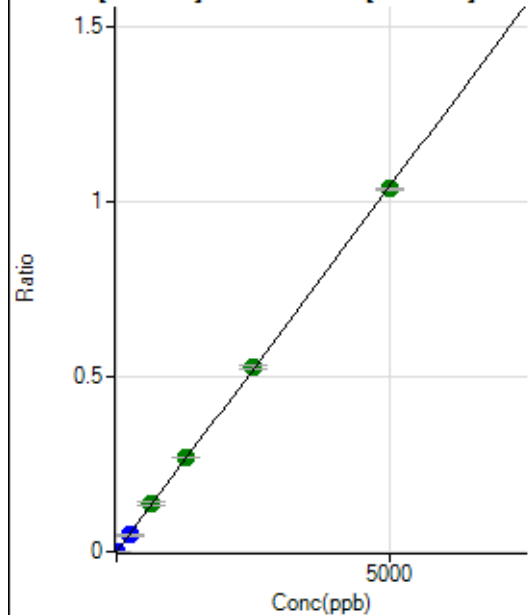
$$DL = 0.002454$$

$$BEC = 0.006945$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.67	0.0000	P	21.8
2	☐	10.000	10.119	36863.37	0.0021	P	1.4
3	☐	250.000	232.515	883637.46	0.0485	P	8.8
4	☐	625.000	660.035	2376447.47	0.1376	A	6.2
5	☐	1250.000	1292.102	4595443.44	0.2694	A	0.9
6	☐	2500.000	2530.686	8983879.17	0.5277	A	1.6
7	☐	5000.000	4970.626	17572769.32	1.0364	A	0.7
8	☐			7235.33	0.0005	P	7.1

$$y = 2.0851E-004 * x + 1.6873E-005$$

$$R = 0.9999$$

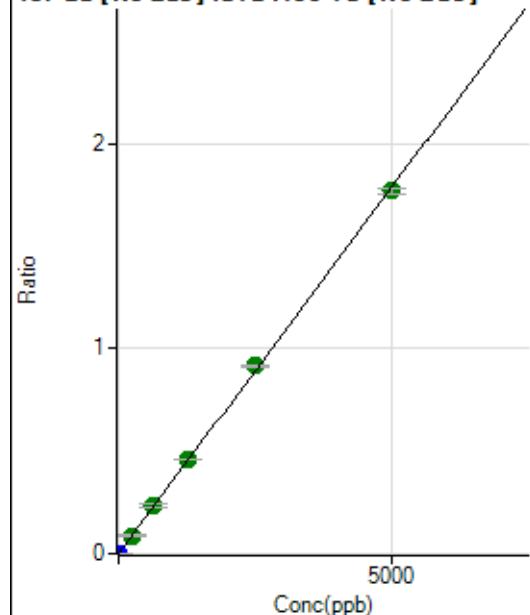
$$DL = 0.05287$$

$$BEC = 0.08092$$

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	444.46	0.0000	P	2.0
2	☐	10.000	10.280	64124.27	0.0037	P	1.8
3	☐	250.000	245.674	1599865.95	0.0878	A	9.0
4	☐	625.000	656.518	4052563.24	0.2346	A	5.2
5	☐	1250.000	1289.261	7858669.53	0.4608	A	1.6
6	☐	2500.000	2561.422	15583035.74	0.9154	A	1.0
7	☐	5000.000	4955.750	30029615.38	1.7710	A	1.4
8	☐			12618.22	0.0008	P	7.4

$$y = 3.5736E-004 * x + 2.6157E-005$$

R = 0.9998

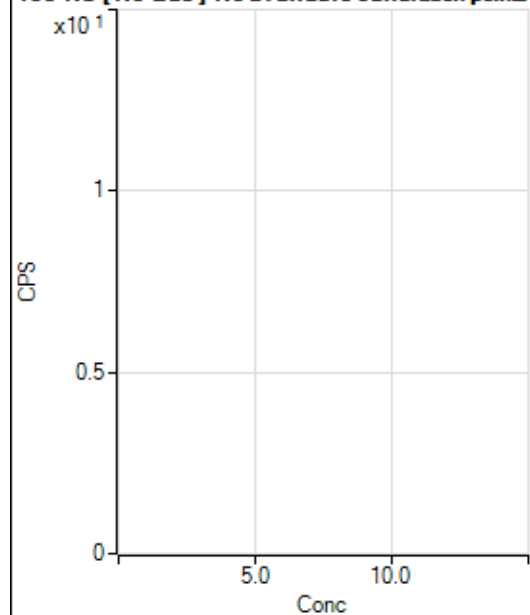
DL = 0.004369

BEC = 0.07319

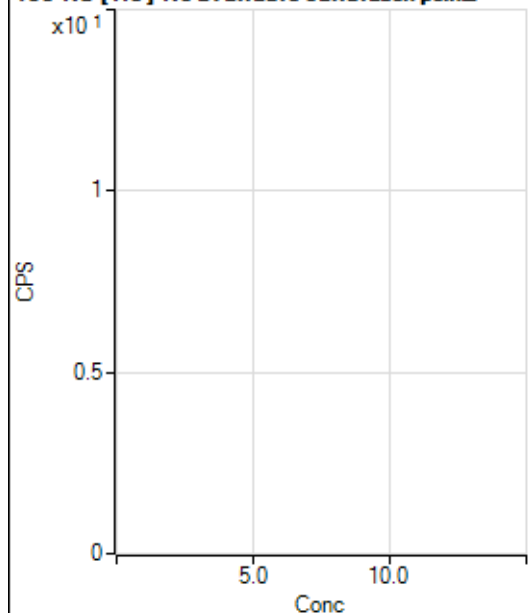
Weight: <None>

Min Conc: 0

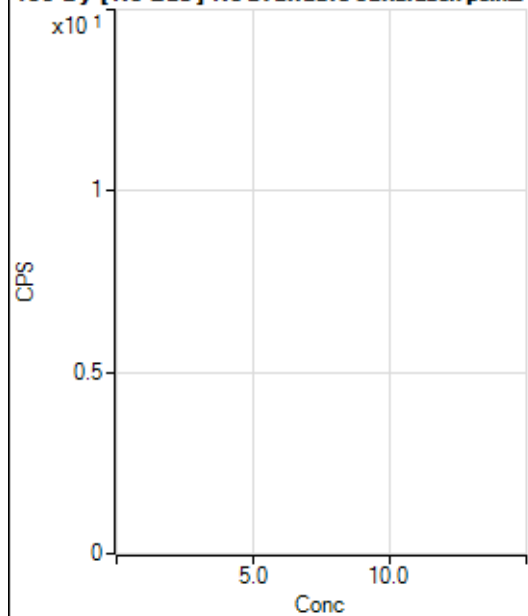
150 Nd [No Gas] No available calibration points



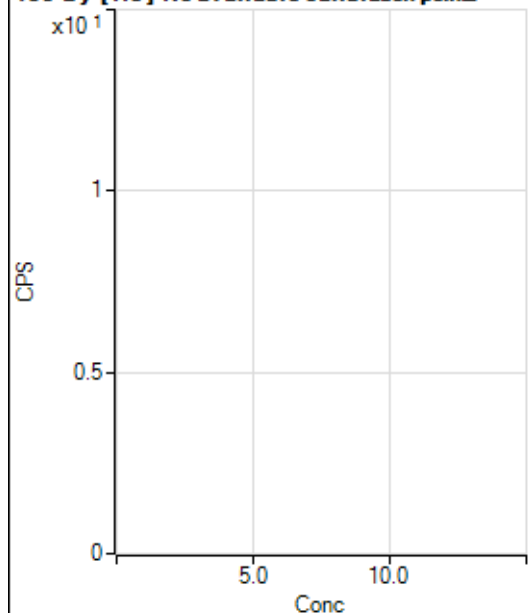
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	51.0
2	☐			20.00		P	16.7
3	☐			94.45		P	19.4
4	☐			227.78		P	8.6
5	☐			410.01		P	7.3
6	☐			775.59		P	11.1
7	☐			1465.65		P	7.1
8	☐			317.79		P	9.5

150 Nd [He] No available calibration points

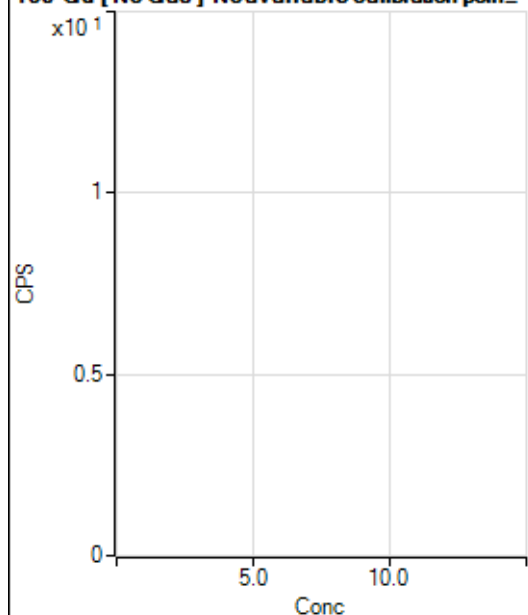
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.2
3	☐			8.89		P	21.6
4	☐			12.22		P	15.7
5	☐			10.00		P	33.3
6	☐			30.00		P	11.1
7	☐			33.33		P	26.4
8	☐			67.78		P	22.2

156 Dy [No Gas] No available calibration points

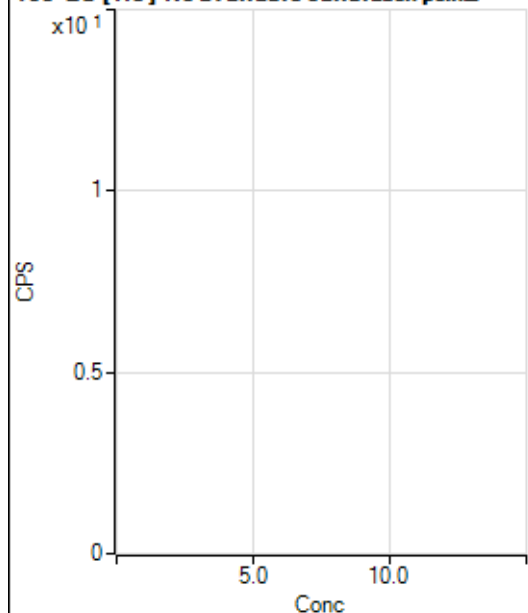
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			138.89		P	9.7
2	☐			111.11		P	15.1
3	☐			127.78		P	12.1
4	☐			127.78		P	17.4
5	☐			168.89		P	12.7
6	☐			281.12		P	24.5
7	☐			418.90		P	9.2
8	☐			591.13		P	3.2

156 Dy [He] No available calibration points

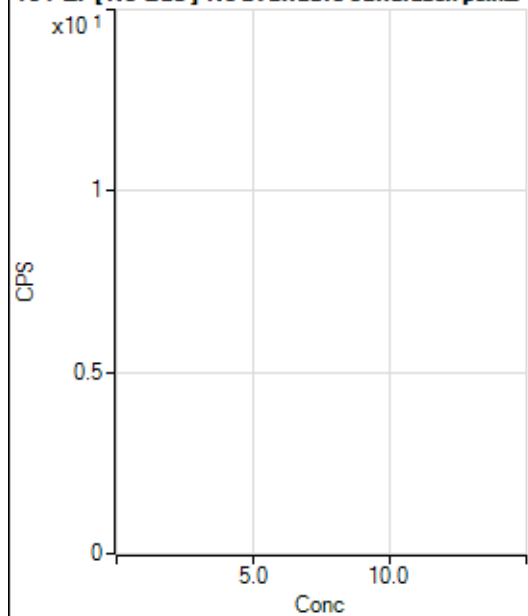
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.66		P	86.6
2	☐			3.33		P	100.1
3	☐			8.89		P	21.6
4	☐			7.78		P	24.7
5	☐			14.44		P	13.4
6	☐			38.89		P	26.2
7	☐			38.89		P	4.9
8	☐			168.89		P	14.5

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

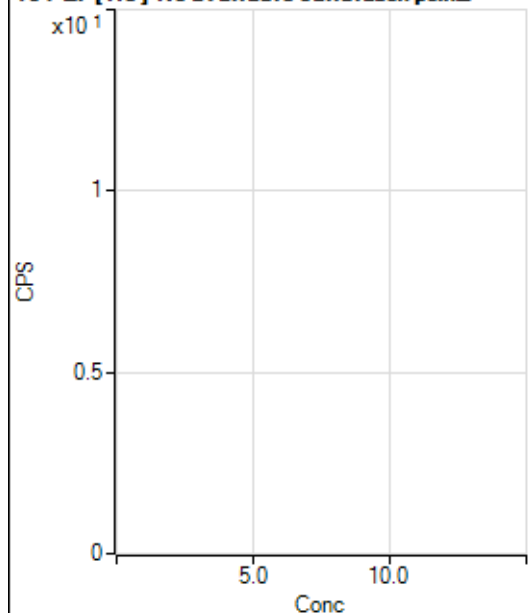
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	3.5
2	☐			72.22		P	16.2
3	☐			78.89		P	25.8
4	☐			87.78		P	9.6
5	☐			97.78		P	17.2
6	☐			141.11		P	17.7
7	☐			204.45		P	4.7
8	☐			470.01		P	8.6

160 Gd [He] No available calibration points

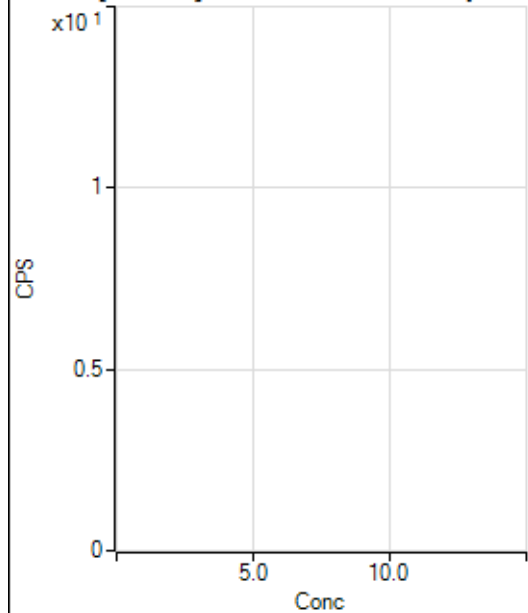
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐			13.33		P	75.0
3	☐			12.22		P	41.7
4	☐			12.22		P	41.7
5	☐			30.00		P	38.5
6	☐			47.78		P	10.7
7	☐			53.33		P	16.5
8	☐			203.34		P	17.7

164 Er [No Gas] No available calibration points

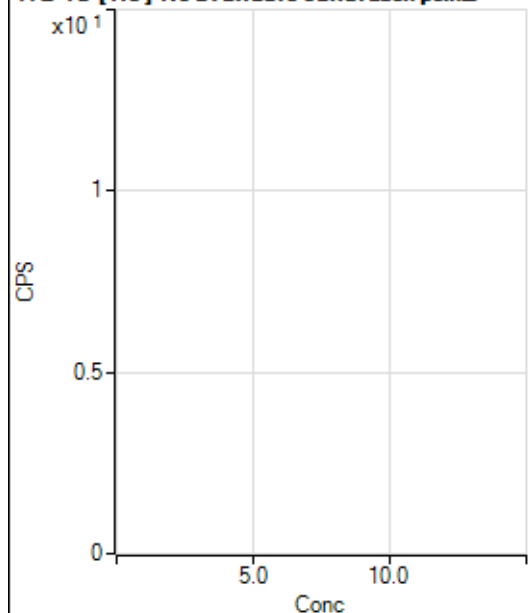
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.00		P	12.0
2	☐			101.11		P	30.6
3	☐			88.89		P	14.2
4	☐			102.22		P	1.9
5	☐			133.34		P	13.2
6	☐			177.78		P	8.5
7	☐			245.56		P	26.2
8	☐			550.02		P	6.2

164 Er [He] No available calibration points

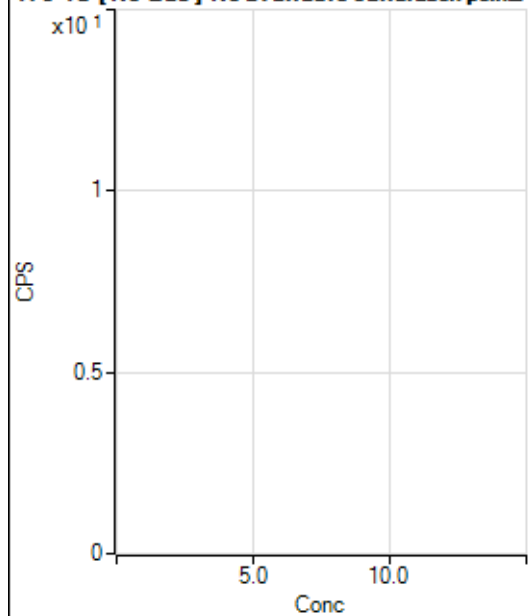
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	25.0
2	☐			28.89		P	6.7
3	☐			20.00		P	33.4
4	☐			27.78		P	18.3
5	☐			33.33		P	26.4
6	☐			56.67		P	36.7
7	☐			67.78		P	35.6
8	☐			182.23		P	24.9

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			93.33		P	17.9
2	☐			98.89		P	14.0
3	☐			113.34		P	10.2
4	☐			127.78		P	15.7
5	☐			136.67		P	19.0
6	☐			203.34		P	21.3
7	☐			240.01		P	16.8
8	☐			663.36		P	5.4

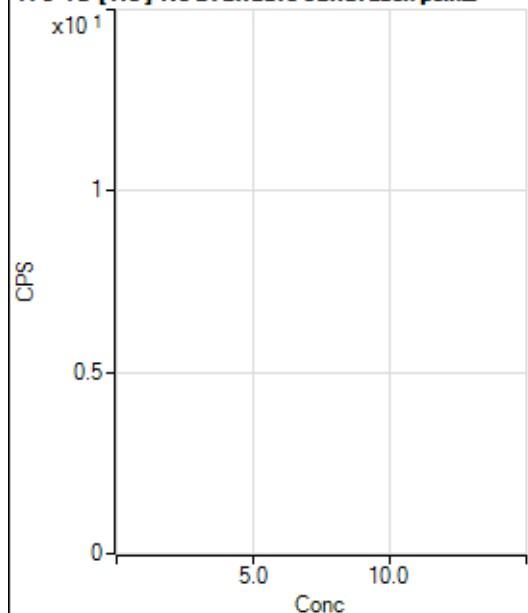
172 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	31.2
2	☐			37.78		P	5.1
3	☐			37.78		P	25.5
4	☐			32.22		P	26.0
5	☐			48.89		P	30.7
6	☐			73.34		P	34.3
7	☐			103.33		P	14.1
8	☐			250.00		P	7.4

176 Yb [No Gas] No available calibration points

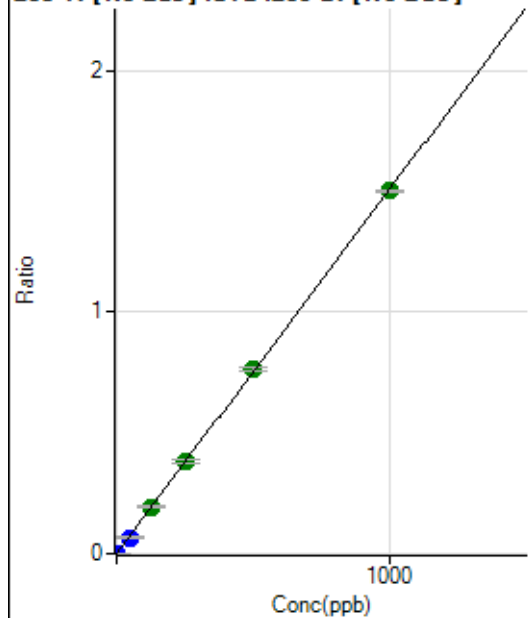
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2112.41		P	6.2
2	☐			2171.32		P	4.6
3	☐			5593.47		P	4.4
4	☐			10545.40		P	0.3
5	☐			18488.58		P	3.5
6	☐			34637.63		P	3.3
7	☐			65331.60		P	2.3
8	☐			2193.55		P	5.2

176 Yb [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			358.90		P	14.8
2	☐			326.67		P	3.7
3	☐			1444.54		P	3.2
4	☐			3048.16		P	3.7
5	☐			5646.82		P	1.4
6	☐			11049.14		P	2.5
7	☐			21019.04		P	0.7
8	☐			383.35		P	4.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	264.45	0.0000	P	5.5
2	☐	1.000	0.944	15261.27	0.0014	P	5.3
3	☐	50.000	44.447	750399.08	0.0671	P	8.7
4	☐	125.000	127.268	2006603.89	0.1920	A	4.9
5	☐	250.000	252.403	3864080.53	0.3808	A	3.2
6	☐	500.000	506.273	7517879.33	0.7637	A	2.0
7	☐	1000.000	996.257	14484830.48	1.5029	A	0.4
8	☐			1642.35	0.0002	P	19.1

$$y = 0.0015 * x + 2.5632E-005$$

$$R = 0.9999$$

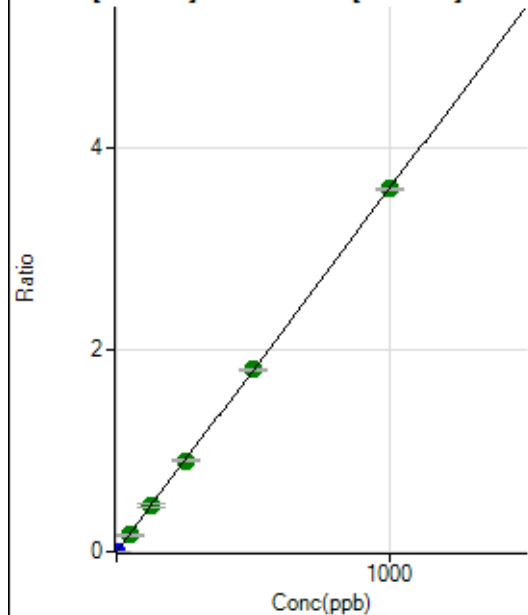
$$DL = 0.002809$$

$$BEC = 0.01699$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	703.36	0.0001	P	5.6
2	☐	1.000	0.952	36711.87	0.0035	P	1.7
3	☐	50.000	47.023	1888825.69	0.1689	A	8.9
4	☐	125.000	127.353	4778171.60	0.4572	A	4.7
5	☐	250.000	251.254	9154095.42	0.9019	A	3.1
6	☐	500.000	501.236	17709685.43	1.7992	A	1.6
7	☐	1000.000	998.923	34559890.87	3.5855	A	0.8
8	☐			3990.67	0.0005	P	18.8

$$y = 0.0036 * x + 6.8177E-005$$

$$R = 1.0000$$

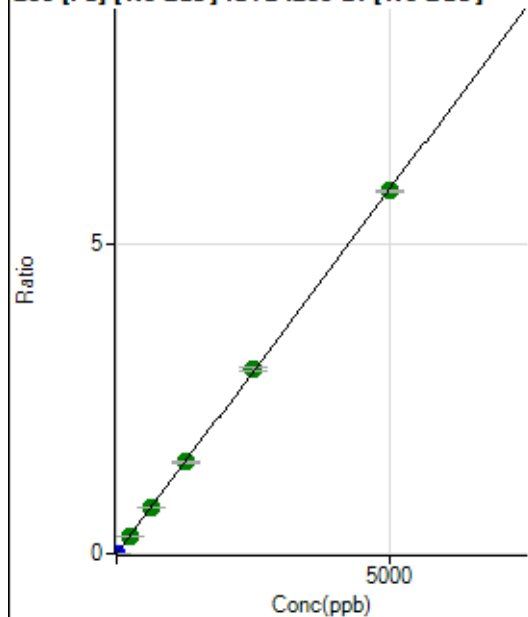
$$DL = 0.003169$$

$$BEC = 0.01899$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1597.90	0.0002	P	2.0
2	☐	1.000	0.990	13886.44	0.0013	P	1.9
3	☐	250.000	237.786	3125888.25	0.2795	A	9.5
4	☐	625.000	633.273	7778657.24	0.7442	A	4.1
5	☐	1250.000	1260.402	15029331.02	1.4810	A	3.1
6	☐	2500.000	2532.051	29284656.51	2.9750	A	1.7
7	☐	5000.000	4980.951	56409227.49	5.8522	A	0.3
8	☐			16848.88	0.0022	P	6.3

$$y = 0.0012 * x + 1.5489E-004$$

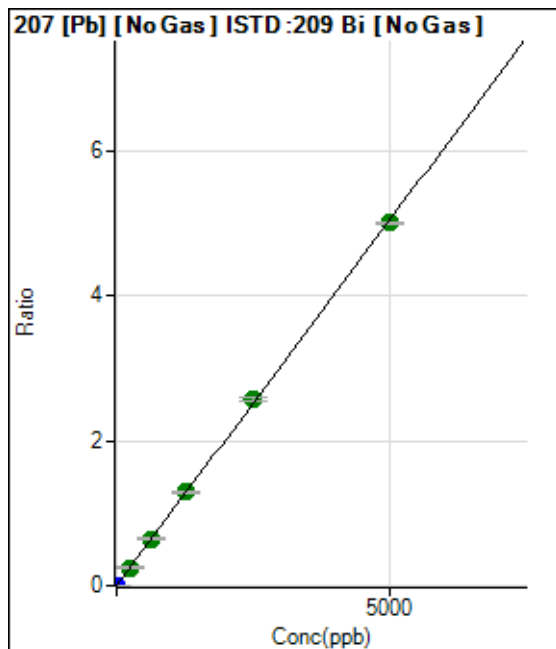
$$R = 1.0000$$

$$DL = 0.007934$$

$$BEC = 0.1318$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1465.65	0.0001	P	5.4
2	☐	1.000	0.997	12082.39	0.0011	P	2.7
3	☐	250.000	242.620	2738468.26	0.2447	A	8.4
4	☐	625.000	641.590	6762541.50	0.6469	A	3.9
5	☐	1250.000	1276.607	13062094.95	1.2871	A	2.8
6	☐	2500.000	2551.501	25322184.90	2.5723	A	2.4
7	☐	5000.000	4965.893	48251109.84	5.0063	A	0.4
8	☐			14477.14	0.0019	P	7.6

$$y = 0.0010 * x + 1.4205E-004$$

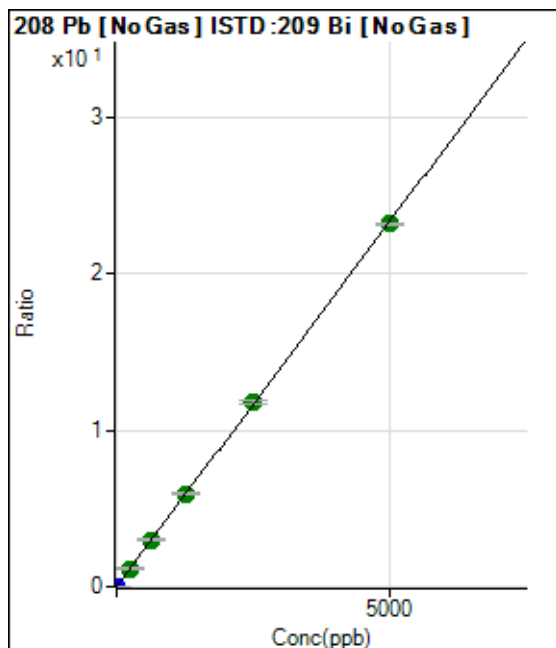
R = 0.9999

DL = 0.02283

BEC = 0.1409

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6621.85	0.0006	P	0.4
2	☐	1.000	0.990	55353.28	0.0053	P	2.5
3	☐	250.000	239.922	12518252.25	1.1189	A	8.7
4	☐	625.000	637.885	31088948.07	2.9739	A	3.5
5	☐	1250.000	1274.215	60282461.05	5.9398	A	2.3
6	☐	2500.000	2541.332	116608513.2	11.8459	A	2.0
7	☐	5000.000	4972.173	223386996.6	23.1762	A	0.2
8	☐			66589.77	0.0085	P	6.9

$$y = 0.0047 * x + 6.4189E-004$$

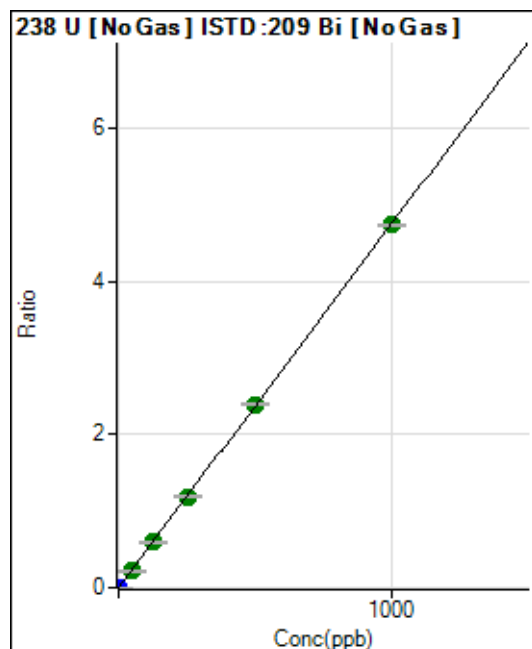
R = 0.9999

DL = 0.001771

BEC = 0.1377

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	195.56	0.0000	P	13.2
2	☐	1.000	0.935	46930.86	0.0045	P	2.3
3	☐	50.000	46.658	2478345.48	0.2215	A	8.6
4	☐	125.000	124.473	6178807.62	0.5909	A	2.4
5	☐	250.000	250.854	12086317.60	1.1908	A	1.4
6	☐	500.000	504.904	23593804.37	2.3968	A	2.0
7	☐	1000.000	997.568	45643959.88	4.7355	A	0.5
8	☐			3079.33	0.0004	P	31.9

$$y = 0.0047 * x + 1.8960E-005$$

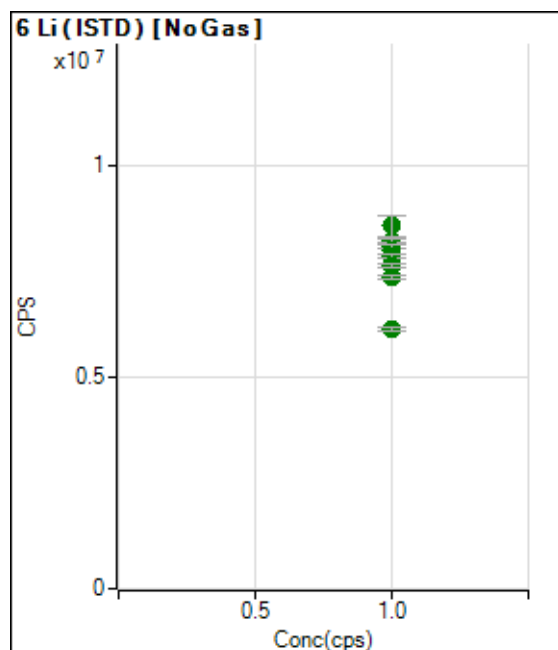
R = 1.0000

DL = 0.001579

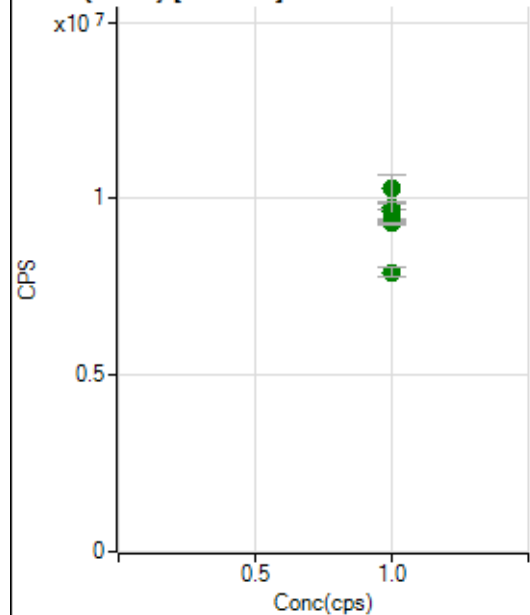
BEC = 0.003994

Weight: <None>

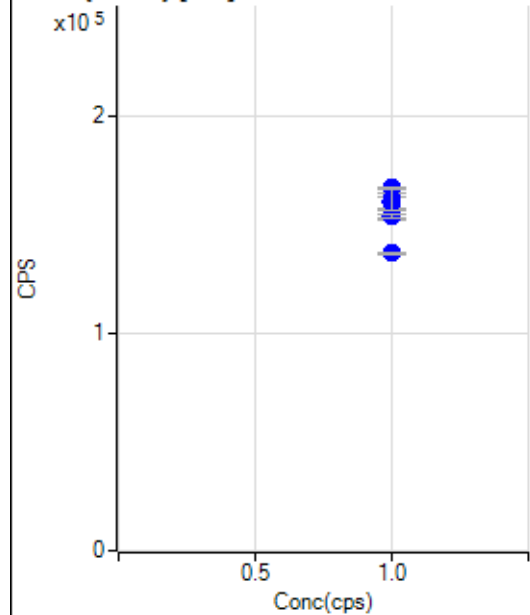
Min Conc: 0



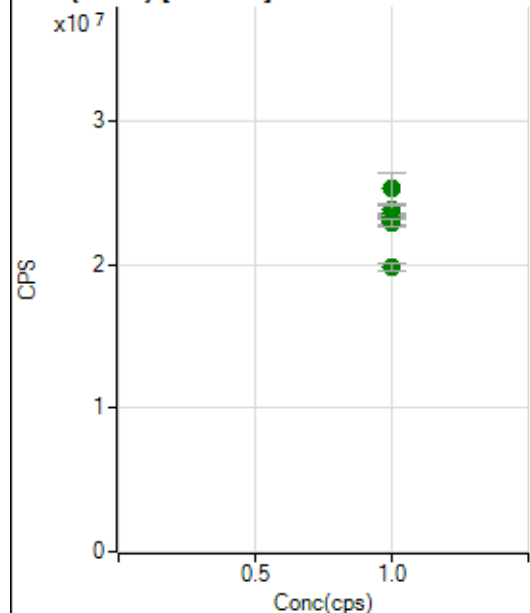
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8099897.79		A	1.0
2	☐	1.000		8230997.70		A	1.1
3	☐	1.000		8586378.49		A	6.2
4	☐	1.000		8031680.48		A	2.7
5	☐	1.000		7867290.98		A	0.9
6	☐	1.000		7652187.86		A	1.2
7	☐	1.000		7372435.59		A	1.7
8	☐	1.000		6149074.87		A	1.5

45 Sc (ISTD) [No Gas]

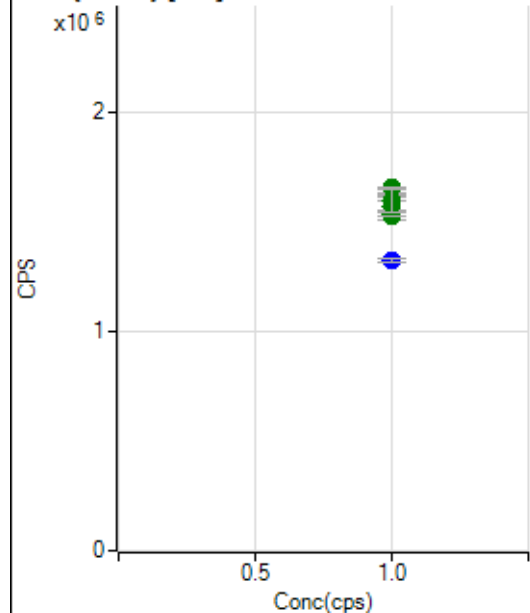
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9420556.46		A	0.3
2	☐	1.000		9758900.41		A	1.7
3	☐	1.000		10280982.42		A	8.1
4	☐	1.000		9630431.45		A	5.6
5	☐	1.000		9390550.14		A	0.5
6	☐	1.000		9336717.71		A	1.4
7	☐	1.000		9293186.60		A	0.8
8	☐	1.000		7920521.76		A	3.8

45 Sc (ISTD) [He]

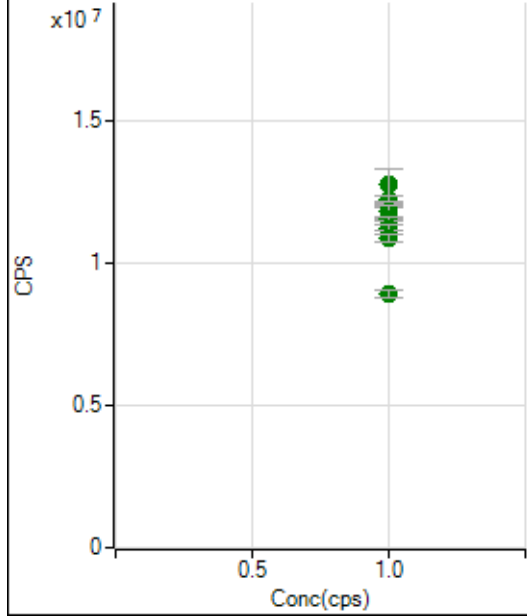
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		164583.24		P	2.6
2	☐	1.000		164655.25		P	0.1
3	☐	1.000		166955.58		P	0.5
4	☐	1.000		160217.40		P	3.5
5	☐	1.000		154685.74		P	2.8
6	☐	1.000		153780.11		P	1.3
7	☐	1.000		161415.83		P	6.0
8	☐	1.000		137089.46		P	0.6

89 Y (ISTD) [No Gas]

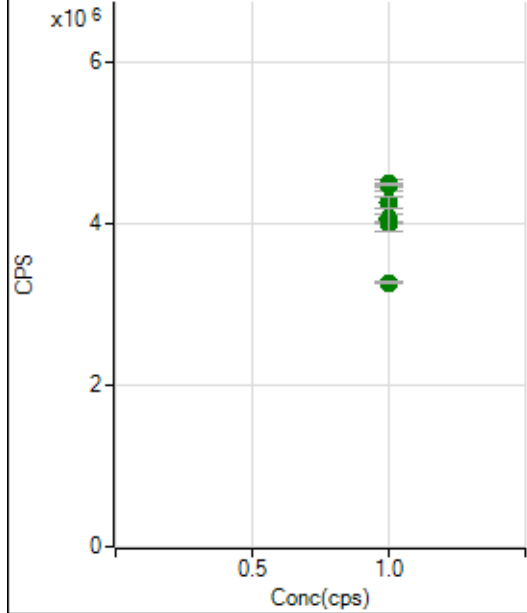
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23414394.09		A	0.3
2	☐	1.000		23890579.37		A	2.4
3	☐	1.000		25283224.90		A	8.3
4	☐	1.000		23631637.43		A	4.1
5	☐	1.000		23264550.76		A	1.1
6	☐	1.000		22993202.43		A	1.9
7	☐	1.000		22877086.88		A	2.3
8	☐	1.000		19821071.79		A	2.6

89 Y (ISTD) [He]

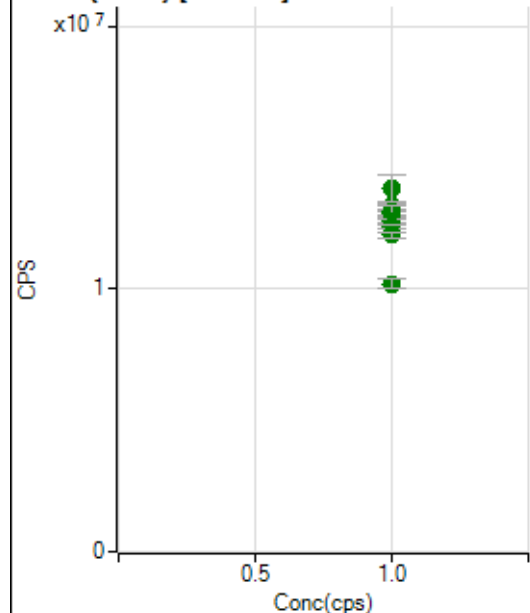
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1632896.80		A	2.4
2	☐	1.000		1628997.88		A	1.0
3	☐	1.000		1656269.02		A	0.2
4	☐	1.000		1574797.65		A	3.4
5	☐	1.000		1532134.89		A	3.1
6	☐	1.000		1530179.16		A	0.1
7	☐	1.000		1598065.39		A	6.8
8	☐	1.000		1325603.04		P	0.9

103 Rh (ISTD) [No Gas]

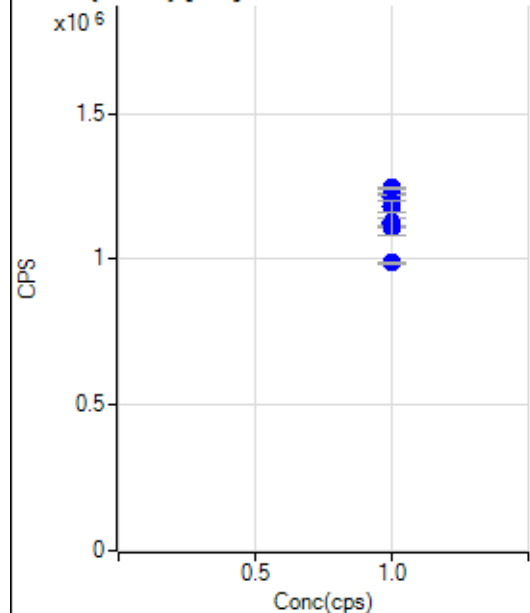
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11959641.91		A	0.5
2	☐	1.000		12220553.57		A	2.0
3	☐	1.000		12722171.20		A	9.3
4	☐	1.000		11792825.93		A	4.1
5	☐	1.000		11516962.33		A	1.2
6	☐	1.000		11222903.03		A	2.2
7	☐	1.000		10849027.20		A	2.7
8	☐	1.000		8893130.28		A	3.4

103 Rh (ISTD) [He]

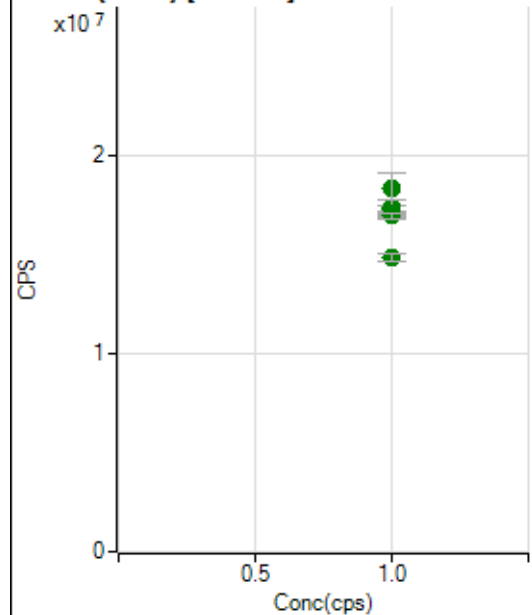
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4460998.20		A	3.2
2	☐	1.000		4460088.09		A	0.6
3	☐	1.000		4485718.02		A	0.8
4	☐	1.000		4247924.94		A	3.4
5	☐	1.000		4066018.27		A	2.0
6	☐	1.000		4000493.59		A	0.7
7	☐	1.000		4031374.39		A	7.0
8	☐	1.000		3267149.43		A	0.4

115 In (ISTD) [No Gas]

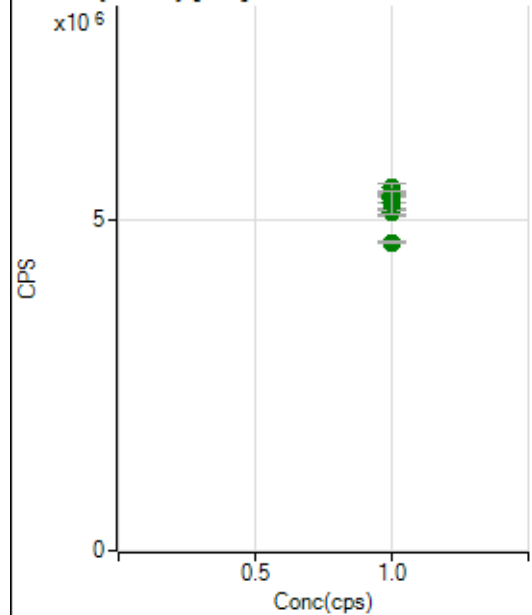
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12884063.97		A	0.6
2	☐	1.000		13182658.65		A	2.1
3	☐	1.000		13813924.83		A	7.9
4	☐	1.000		12953682.42		A	3.5
5	☐	1.000		12570564.69		A	1.0
6	☐	1.000		12370838.36		A	1.0
7	☐	1.000		12071270.94		A	1.9
8	☐	1.000		10212449.56		A	4.0

115 In (ISTD) [He]

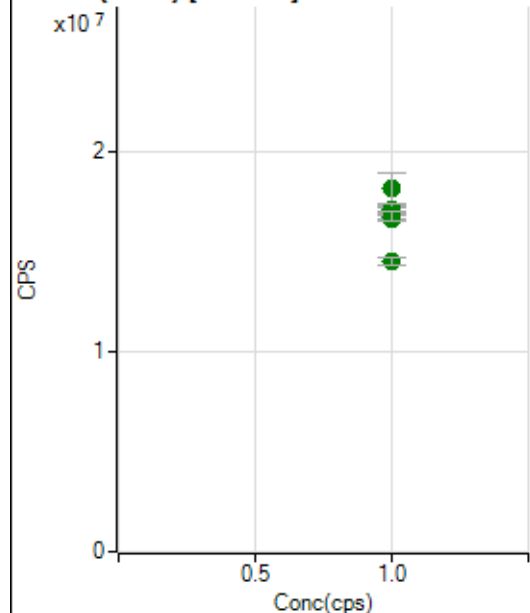
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1214327.48		P	2.5
2	☐	1.000		1219830.30		P	0.3
3	☐	1.000		1244612.39		P	0.8
4	☐	1.000		1182333.51		P	3.1
5	☐	1.000		1127945.65		P	2.6
6	☐	1.000		1105988.31		P	0.1
7	☐	1.000		1121311.33		P	6.9
8	☐	1.000		987108.41		P	0.8

159 Tb (ISTD) [No Gas]

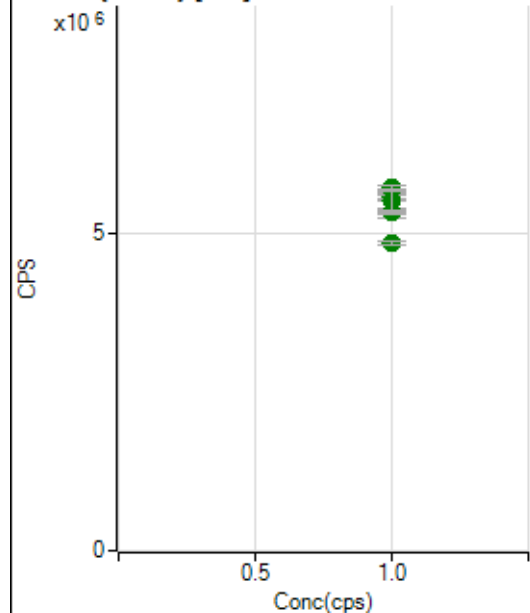
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16993185.72		A	0.6
2	☐	1.000		17334142.66		A	1.4
3	☐	1.000		18314848.89		A	8.9
4	☐	1.000		17301963.49		A	5.1
5	☐	1.000		17054902.66		A	1.0
6	☐	1.000		17022203.77		A	1.5
7	☐	1.000		16953191.55		A	2.0
8	☐	1.000		14860064.23		A	2.9

159 Tb (ISTD) [He]

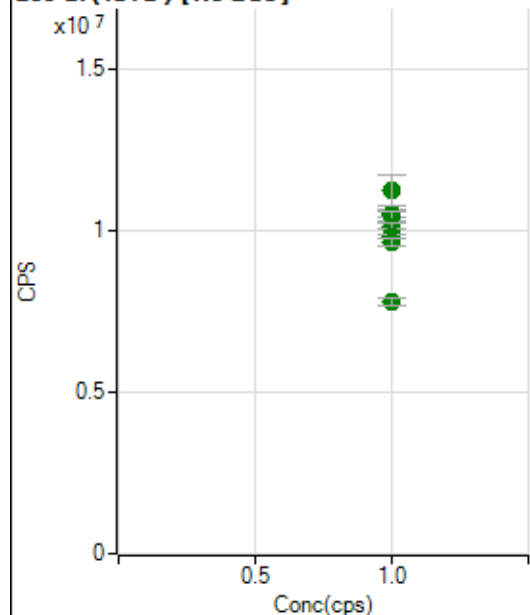
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5335374.92		A	2.3
2	☐	1.000		5397091.69		A	1.7
3	☐	1.000		5492762.76		A	2.6
4	☐	1.000		5346877.53		A	3.4
5	☐	1.000		5124646.59		A	2.7
6	☐	1.000		5144817.36		A	0.1
7	☐	1.000		5273062.14		A	6.7
8	☐	1.000		4663328.96		A	0.8

165 Ho (ISTD) [No Gas]

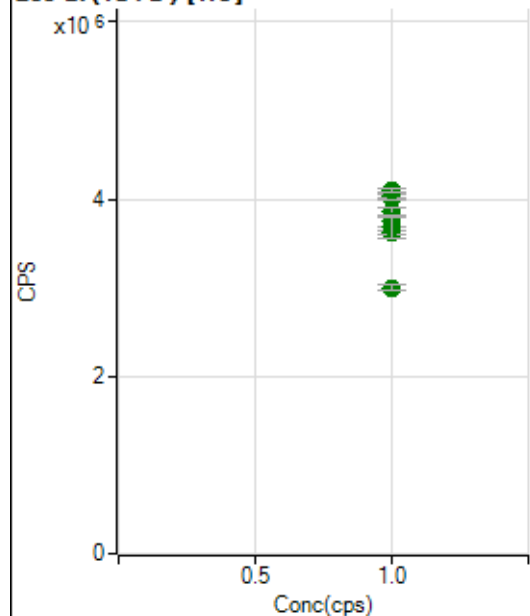
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16594418.92		A	0.4
2	☐	1.000		17048857.24		A	1.3
3	☐	1.000		18129499.45		A	8.8
4	☐	1.000		17117479.19		A	3.1
5	☐	1.000		16785622.25		A	1.5
6	☐	1.000		16719400.45		A	1.6
7	☐	1.000		16750206.28		A	2.6
8	☐	1.000		14541874.51		A	2.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5580186.86		A	2.0
2	☐	1.000		5568217.14		A	0.8
3	☐	1.000		5713083.87		A	1.6
4	☐	1.000		5504668.74		A	3.7
5	☐	1.000		5317415.79		A	2.7
6	☐	1.000		5325093.81		A	1.0
7	☐	1.000		5506435.82		A	6.5
8	☐	1.000		4847645.86		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10316036.30		A	0.4
2	☐	1.000		10536375.68		A	2.2
3	☐	1.000		11243167.61		A	8.5
4	☐	1.000		10462106.16		A	3.3
5	☐	1.000		10149366.38		A	1.4
6	☐	1.000		9842359.58		A	1.1
7	☐	1.000		9638528.89		A	2.5
8	☐	1.000		7794924.88		A	3.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4024132.30		A	2.1
2	☐	1.000		4005051.68		A	0.4
3	☐	1.000		4091505.84		A	1.0
4	☐	1.000		3852623.52		A	2.8
5	☐	1.000		3750242.62		A	3.6
6	☐	1.000		3620962.13		A	0.6
7	☐	1.000		3681725.81		A	6.5
8	☐	1.000		2999843.25		A	2.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8012125MS-2.b
Acq. Date-Time 2025-01-21 12:52:00
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		33875	338748.47			1.074	5.000
24		714207	7142074.70			1.052	5.000
25		96261	962605.58			1.094	5.000
26		112578	1125783.96			1.119	5.000
59		156163	1561629.00			1.309	5.000
113		17764	177635.61			1.240	5.000
115		243672	2436715.30			1.634	5.000
206		53400	534004.31			0.746	5.000
207		46175	461754.78			0.943	5.000
208		117288	1172879.81			0.445	5.000
220		0	2.30			36.377	

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

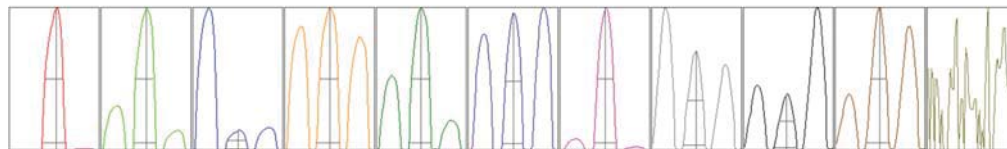
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	34169	33982	34211	33353	33659
24	714894	717952	723188	702988	712015
25	97401	97126	95694	94824	96258
26	113412	113315	113168	110397	112600
59	157652	155862	158474	153198	155629
113	17862	17903	17989	17472	17592
115	245374	246147	247560	237809	241467
206	53252	53580	53762	52773	53635
207	45909	46472	46562	45541	46393
208	117589	116584	117898	116951	117417

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	61761.72	9.10	8.90 - 9.10	
24	1253273.97	24.05	23.90 - 24.10	
25	168737.09	25.05	24.90 - 25.10	
26	193136.92	26.05	25.90 - 26.10	
59	279324.52	59.00	58.90 - 59.10	
113	35896.75	113.05	112.90 - 113.10	
115	484193.73	115.05	114.90 - 115.10	
206	107436.17	206.00	205.90 - 206.10	
207	92856.61	206.95	206.90 - 207.10	
208	235962.98	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.773	0.900	
24	0.61	0.739	0.900	
25	0.61	0.738	0.900	
26	0.61	0.775	0.900	
59	0.59	0.737	0.900	
113	0.52	0.684	0.900	
115	0.53	0.726	0.900	
206	0.51	0.740	0.900	
207	0.51	0.772	0.900	
208	0.51	0.768	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.1 V	Deflect	15.4 V
Extract 2	-130.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-65 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	103	Axis Gain	0.9959	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	0.07		

Hardware Settings

Torch

Torch H	-0.2 mm	Torch V	1.5 mm
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EM

Discriminator	4.0 mV	Analog HV	2176 V	Pulse HV	1058 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		26332	263318.53			1.885	
89		20320	203203.32			1.969	
205		29292	292922.19			1.152	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	26161	26195	25939	26164	27201
89	20323	20303	19870	20146	20959
205	28957	29117	29199	29348	29840

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.1 V	Deflect	2.4 V
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US EPA Tune Check Report

Extract 2	-130.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-65 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	103	Axis Gain	0.9959	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	0.07		
Hardware Settings					
Torch					
Torch H	-0.2 mm	Torch V	1.5 mm		
EM					
Discriminator	4.0 mV	Analog HV	2176 V	Pulse HV	1058 V

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:20:04 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	-0.04	0.11	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	-0.02	0.00	0.02	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
Cadmium	108-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Cadmium	106-1	0.09	-0.23	0.14	0.00	N/A	ppb
Cadmium	111-1	0.00	-0.01	0.00	0.00	N/A	ppb
Calcium	43-1	0.26	0.80	-1.06	0.00	N/A	ppb
Calcium	44-1	0.05	0.05	-0.10	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.04	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.01	0.01	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.06	0.27	-0.21	0.00	N/A	ppb
Iron	56-2	0.07	0.03	-0.10	0.00	N/A	ppb
Iron	57-2	-0.55	0.21	0.33	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:20:04 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.01	-0.08	0.09	0.00	N/A	ppb
Manganese	55-2	0.00	0.04	-0.03	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	0.00	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	-0.02	0.08	-0.07	0.00	N/A	ppb
Phosphorus	31-2	-18.32	-11.40	-16.18	-15.30		ppb
Potassium	39-2	0.33	-0.71	0.38	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.12	0.09	0.03	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.10	0.48	-0.38	0.00	N/A	ppb
Silicon	28-1	0.02	-0.02	0.00	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	0.21	0.99	-1.20	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	107.20	77.69	46.27	77.05	39.54	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	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:20:04 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.07	0.04	0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:30:11 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.21	20.45	18.83	19.50	4.32	ppb
Antimony	121-1	2.00	2.02	2.05	2.02	1.38	ppb
Arsenic	75-2	1.46	1.16	1.18	1.27	13.58	ppb
Barium	135-1	10.02	10.06	10.28	10.12	1.36	ppb
Barium	137-1	10.17	10.18	10.50	10.28	1.82	ppb
Beryllium	9-1	1.03	1.01	1.06	1.03	2.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.86	1.09	1.10	1.02	13.51	ppb
Cadmium	106-1	1.53	0.56	0.29	0.79	82.28	ppb
Cadmium	111-1	1.05	1.09	1.10	1.08	2.27	ppb
Calcium	43-1	491.22	484.76	511.74	495.91	2.84	ppb
Calcium	44-1	488.07	498.54	508.49	498.37	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.15	2.12	2.12	1.18	ppb
Cobalt	59-2	1.12	1.12	1.15	1.13	1.71	ppb
Copper	63-2	2.30	2.30	2.33	2.31	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	57.35	57.89	57.56	57.60	0.47	ppb
Iron	56-2	55.25	54.88	54.39	54.84	0.79	ppb
Iron	57-2	52.55	53.75	54.56	53.62	1.89	ppb
Krypton	83-1						cps
Lead	206-1	0.97	1.01	0.99	0.99	2.16	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:30:11 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.96	1.02	1.01	1.00	3.04	ppb
Lead	208-1	0.96	1.00	1.01	0.99	2.79	ppb
Lithium	6-1				102		%
Magnesium	24-2	570.66	571.13	574.20	572.00	0.34	ppb
Manganese	55-2	1.07	1.16	1.05	1.10	5.17	ppb
Molybdenum	94-1	5.86	5.75	6.27	5.96	4.53	ppb
Molybdenum	95-1	4.88	4.80	5.04	4.91	2.48	ppb
Molybdenum	96-1	4.99	4.93	5.18	5.03	2.55	ppb
Molybdenum	97-1	4.81	4.85	5.13	4.93	3.51	ppb
Molybdenum	98-1	4.87	4.81	5.12	4.94	3.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.08	1.08	1.12	6.45	ppb
Phosphorus	31-2	13.20	18.30	14.40	15.30	17.43	ppb
Potassium	39-2	496.39	485.57	488.28	490.08	1.15	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	5.16	5.60	5.53	5.43	4.34	ppb
Selenium	77-2	4.75	2.81	5.72	4.43	33.52	ppb
Selenium	78-2	5.22	5.96	4.11	5.09	18.21	ppb
Silicon	28-1	1.49	1.70	2.02	1.74	15.23	ppb
Silver	107-1	0.98	0.98	1.01	0.99	1.53	ppb
Silver	109-1	1.01	1.02	1.04	1.02	1.68	ppb
Sodium	23-2	519.61	517.76	516.17	517.85	0.33	ppb
Strontium	86-1	0.99	0.94	1.05	0.99	5.29	ppb
Strontium	88-1	0.94	0.95	1.00	0.96	3.43	ppb
Sulfur	34-1	-152.09	-92.85	13.78	-77.05		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.89	0.98	0.97	0.94	5.39	ppb
Thallium	205-1	0.94	0.95	0.97	0.95	1.78	ppb
Tin	118-1	4.71	4.64	4.78	4.71	1.49	ppb
Titanium	47-1	5.07	5.13	5.28	5.16	2.10	ppb
Uranium	238-1	0.91	0.94	0.95	0.93	2.29	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:30:11 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.28	5.21	5.31	5.27	0.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	5.69	6.04	5.66	5.80	3.62	ppb
Zirconium	90-1	0.98	0.98	1.02	0.99	2.01	ppb
Zirconium	91-1	1.00	0.93	1.01	0.98	4.27	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:33:31 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	948.81	966.34	964.58	959.91	1.01	ppb
Antimony	121-1	51.31	43.07	47.47	47.28	8.72	ppb
Arsenic	75-2	51.27	52.98	51.64	51.97	1.73	ppb
Barium	135-1	252.50	211.80	233.25	232.52	8.76	ppb
Barium	137-1	268.71	224.68	243.62	245.67	8.99	ppb
Beryllium	9-1	51.46	44.90	47.80	48.05	6.84	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	56.77	46.84	50.62	51.41	9.75	ppb
Cadmium	106-1	56.04	46.60	51.20	51.28	9.21	ppb
Cadmium	111-1	53.37	44.36	49.24	48.99	9.20	ppb
Calcium	43-1	4920.11	4175.73	4511.92	4535.92	8.22	ppb
Calcium	44-1	5205.61	4343.45	4658.00	4735.69	9.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.64	49.63	49.53	49.60	0.12	ppb
Cobalt	59-2	51.26	52.27	52.26	51.93	1.12	ppb
Copper	63-2	556.05	554.78	556.21	555.68	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	2550.69	2571.69	2549.83	2557.40	0.48	ppb
Iron	56-2	2603.17	2627.97	2650.97	2627.37	0.91	ppb
Iron	57-2	2533.61	2576.32	2536.15	2548.70	0.94	ppb
Krypton	83-1						cps
Lead	206-1	259.52	214.43	239.42	237.79	9.50	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:33:31 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	262.20	221.53	244.12	242.62	8.40	ppb
Lead	208-1	260.40	218.54	240.83	239.92	8.73	ppb
Lithium	6-1				106		%
Magnesium	24-2	5651.66	5588.99	5573.79	5604.81	0.74	ppb
Manganese	55-2	505.08	505.89	505.13	505.37	0.09	ppb
Molybdenum	94-1	523.81	442.21	484.47	483.50	8.44	ppb
Molybdenum	95-1	522.47	436.32	478.65	479.15	8.99	ppb
Molybdenum	96-1	521.27	438.34	485.50	481.70	8.64	ppb
Molybdenum	97-1	526.86	443.02	478.44	482.78	8.72	ppb
Molybdenum	98-1	513.69	434.64	477.09	475.14	8.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.27	55.73	55.77	55.26	1.55	ppb
Phosphorus	31-2	1034.64	1060.72	1082.14	1059.17	2.25	ppb
Potassium	39-2	2350.69	2367.43	2344.88	2354.33	0.50	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	82-1	53.03	46.05	49.89	49.66	7.04	ppb
Selenium	77-2	47.56	48.35	40.88	45.60	9.00	ppb
Selenium	78-2	51.77	54.64	52.41	52.94	2.84	ppb
Silicon	28-1	52.47	42.69	46.12	47.09	10.54	ppb
Silver	107-1	52.96	44.36	49.02	48.78	8.82	ppb
Silver	109-1	53.81	45.00	49.57	49.46	8.91	ppb
Sodium	23-2	5203.54	5213.52	5243.43	5220.16	0.40	ppb
Strontium	86-1	49.27	41.73	46.00	45.67	8.28	ppb
Strontium	88-1	53.40	45.23	48.92	49.19	8.32	ppb
Sulfur	34-1	1370.85	62.59	503.67	645.71	103.08	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	47.98	40.29	45.07	44.45	8.73	ppb
Thallium	205-1	50.82	42.50	47.75	47.02	8.95	ppb
Tin	118-1	52.45	43.81	48.22	48.16	8.98	ppb
Titanium	47-1	508.40	429.43	460.86	466.23	8.53	ppb
Uranium	238-1	50.50	42.52	46.95	46.66	8.58	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:33:31 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.01	50.28	49.42	49.91	0.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	521.24	522.81	521.49	521.84	0.16	ppb
Zirconium	90-1	49.24	41.56	45.23	45.34	8.47	ppb
Zirconium	91-1	48.26	41.23	45.10	44.86	7.86	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:36:39 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2407.07	2379.85	2352.06	2379.66	1.16	ppb
Antimony	121-1	132.36	141.65	122.56	132.19	7.22	ppb
Arsenic	75-2	130.66	135.19	131.23	132.36	1.86	ppb
Barium	135-1	667.90	696.25	615.96	660.04	6.17	ppb
Barium	137-1	655.23	691.27	623.06	656.52	5.20	ppb
Beryllium	9-1	129.15	130.83	122.67	127.55	3.38	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	137.34	147.69	128.80	137.95	6.86	ppb
Cadmium	106-1	137.12	143.25	127.28	135.88	5.93	ppb
Cadmium	111-1	129.65	136.09	122.30	129.35	5.33	ppb
Calcium	43-1	12292.56	12737.84	11400.28	12143.56	5.61	ppb
Calcium	44-1	12653.05	13087.50	11768.16	12502.90	5.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.02	124.79	123.78	124.86	0.90	ppb
Cobalt	59-2	130.21	130.28	129.38	129.96	0.39	ppb
Copper	63-2	1381.57	1382.62	1382.89	1382.36	0.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	6405.43	6381.13	6359.68	6382.08	0.36	ppb
Iron	56-2	6654.70	6563.26	6551.99	6589.98	0.85	ppb
Iron	57-2	6439.02	6367.96	6302.35	6369.77	1.07	ppb
Krypton	83-1						cps
Lead	206-1	638.92	655.90	605.00	633.27	4.09	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:36:39 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	638.53	668.30	617.95	641.59	3.95	ppb
Lead	208-1	639.49	659.15	615.02	637.89	3.47	ppb
Lithium	6-1				99		%
Magnesium	24-2	13960.78	14067.33	13908.69	13978.93	0.58	ppb
Manganese	55-2	1343.89	1343.03	1324.19	1337.04	0.83	ppb
Molybdenum	94-1	1286.18	1360.38	1227.47	1291.34	5.16	ppb
Molybdenum	95-1	1286.15	1352.67	1223.62	1287.48	5.01	ppb
Molybdenum	96-1	1282.90	1332.24	1234.88	1283.34	3.79	ppb
Molybdenum	97-1	1283.58	1326.16	1228.20	1279.32	3.84	ppb
Molybdenum	98-1	1285.81	1337.80	1242.14	1288.58	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.15	140.56	139.14	139.95	0.52	ppb
Phosphorus	31-2	2717.47	2552.66	2630.84	2633.66	3.13	ppb
Potassium	39-2	5931.09	5929.71	5875.20	5912.00	0.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	131.09	139.63	127.78	132.84	4.60	ppb
Selenium	77-2	121.63	143.60	128.62	131.29	8.55	ppb
Selenium	78-2	137.56	140.13	133.02	136.90	2.63	ppb
Silicon	28-1	130.33	133.66	119.72	127.91	5.69	ppb
Silver	107-1	138.07	147.69	130.27	138.67	6.29	ppb
Silver	109-1	139.90	147.10	133.03	140.01	5.03	ppb
Sodium	23-2	12742.41	12926.98	12752.25	12807.21	0.81	ppb
Strontium	86-1	123.37	127.23	117.69	122.76	3.91	ppb
Strontium	88-1	131.48	135.26	122.60	129.78	5.01	ppb
Sulfur	34-1	3162.79	3292.18	2182.23	2879.07	21.08	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	127.97	133.14	120.69	127.27	4.91	ppb
Thallium	205-1	129.12	132.22	120.72	127.35	4.67	ppb
Tin	118-1	135.94	141.76	127.61	135.10	5.27	ppb
Titanium	47-1	1317.19	1367.06	1227.63	1303.96	5.42	ppb
Uranium	238-1	125.27	126.97	121.18	124.47	2.39	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:36:39 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	128.31	126.64	125.72	126.89	1.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	1306.20	1305.74	1304.28	1305.41	0.08	ppb
Zirconium	90-1	129.43	133.21	121.88	128.18	4.50	ppb
Zirconium	91-1	120.17	126.69	116.04	120.97	4.44	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:39:36 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4873.68	4640.02	4769.34	4761.01	2.46	ppb
Antimony	121-1	256.95	262.95	263.87	261.25	1.44	ppb
Arsenic	75-2	273.66	264.43	257.12	265.07	3.13	ppb
Barium	135-1	1279.10	1299.84	1297.37	1292.10	0.88	ppb
Barium	137-1	1269.14	1287.54	1311.11	1289.26	1.63	ppb
Beryllium	9-1	252.53	261.95	268.01	260.83	2.99	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	258.88	267.49	270.42	265.60	2.26	ppb
Cadmium	106-1	263.28	266.94	270.89	267.04	1.42	ppb
Cadmium	111-1	249.42	252.58	254.47	252.16	1.01	ppb
Calcium	43-1	24833.51	25151.65	25613.98	25199.71	1.56	ppb
Calcium	44-1	24164.98	25307.61	25394.59	24955.73	2.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254.57	243.09	248.22	248.63	2.31	ppb
Cobalt	59-2	263.03	254.00	258.10	258.38	1.75	ppb
Copper	63-2	2819.24	2671.51	2742.90	2744.55	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	54-2	13660.00	13144.53	13014.90	13273.14	2.57	ppb
Iron	56-2	13340.75	12737.81	13003.12	13027.23	2.32	ppb
Iron	57-2	12900.53	12424.99	12621.63	12649.05	1.89	ppb
Krypton	83-1						cps
Lead	206-1	1225.87	1303.09	1252.25	1260.40	3.11	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:39:36 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1243.88	1314.83	1271.11	1276.61	2.80	ppb
Lead	208-1	1245.32	1303.43	1273.89	1274.21	2.28	ppb
Lithium	6-1				97		%
Magnesium	24-2	28657.22	26823.46	27559.01	27679.89	3.33	ppb
Manganese	55-2	2748.99	2601.37	2664.48	2671.62	2.77	ppb
Molybdenum	94-1	2478.37	2601.10	2555.07	2544.85	2.44	ppb
Molybdenum	95-1	2468.32	2592.55	2541.86	2534.24	2.46	ppb
Molybdenum	96-1	2488.43	2617.69	2568.09	2558.07	2.55	ppb
Molybdenum	97-1	2463.88	2589.73	2576.25	2543.29	2.72	ppb
Molybdenum	98-1	2481.74	2596.56	2545.12	2541.14	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	279.71	271.19	273.68	274.86	1.59	ppb
Phosphorus	31-2	5437.66	5103.97	5159.60	5233.74	3.42	ppb
Potassium	39-2	12911.18	12214.29	12387.21	12504.22	2.90	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	257.57	259.77	262.10	259.81	0.87	ppb
Selenium	77-2	264.82	257.92	267.89	263.54	1.94	ppb
Selenium	78-2	263.55	259.92	250.63	258.04	2.58	ppb
Silicon	28-1	282.91	295.82	298.85	292.52	2.89	ppb
Silver	107-1	259.96	271.32	271.13	267.47	2.43	ppb
Silver	109-1	265.93	273.04	275.79	271.59	1.87	ppb
Sodium	23-2	26436.89	25159.93	25665.38	25754.07	2.50	ppb
Strontium	86-1	234.46	246.96	243.99	241.80	2.70	ppb
Strontium	88-1	248.97	259.24	258.56	255.59	2.25	ppb
Sulfur	34-1	5727.01	5962.18	6071.99	5920.40	2.98	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	245.42	261.26	250.53	252.40	3.20	ppb
Thallium	205-1	242.50	256.79	254.47	251.25	3.05	ppb
Tin	118-1	257.45	265.52	268.47	263.81	2.16	ppb
Titanium	47-1	2516.10	2629.91	2644.46	2596.83	2.71	ppb
Uranium	238-1	246.90	253.80	251.86	250.85	1.42	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:39:36 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	259.34	249.78	254.19	254.44	1.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	2652.08	2543.15	2588.74	2594.65	2.11	ppb
Zirconium	90-1	247.54	257.95	251.89	252.46	2.07	ppb
Zirconium	91-1	233.76	256.55	255.33	248.55	5.16	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:42:30 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9517.93	9405.93	9462.47	9462.11	0.59	ppb
Antimony	121-1	501.60	510.57	513.53	508.57	1.22	ppb
Arsenic	75-2	516.41	520.46	521.50	519.46	0.52	ppb
Barium	135-1	2485.41	2547.23	2559.42	2530.69	1.57	ppb
Barium	137-1	2535.22	2565.16	2583.89	2561.42	0.96	ppb
Beryllium	9-1	491.90	505.82	512.92	503.55	2.12	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	504.65	511.81	521.27	512.58	1.63	ppb
Cadmium	106-1	497.55	513.24	518.00	509.60	2.10	ppb
Cadmium	111-1	502.53	514.74	518.50	511.93	1.63	ppb
Calcium	43-1	48197.88	49789.72	50470.84	49486.15	2.36	ppb
Calcium	44-1	47879.58	49860.46	49732.03	49157.36	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	530.68	516.67	531.67	526.34	1.59	ppb
Cobalt	59-2	540.97	534.07	529.30	534.78	1.10	ppb
Copper	63-2	5508.54	5305.01	5351.99	5388.51	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	54-2	27018.43	26115.16	26264.58	26466.06	1.83	ppb
Iron	56-2	26409.28	25644.30	25775.76	25943.11	1.58	ppb
Iron	57-2	25375.66	24817.68	24972.78	25055.37	1.15	ppb
Krypton	83-1						cps
Lead	206-1	2483.60	2556.50	2556.05	2532.05	1.66	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:42:30 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2483.24	2572.84	2598.42	2551.50	2.37	ppb
Lead	208-1	2484.66	2555.18	2584.15	2541.33	2.01	ppb
Lithium	6-1				94		%
Magnesium	24-2	55631.44	54009.37	54132.16	54590.99	1.65	ppb
Manganese	55-2	5303.05	5244.07	5250.14	5265.75	0.62	ppb
Molybdenum	94-1	4918.50	5095.16	5105.76	5039.81	2.09	ppb
Molybdenum	95-1	4996.41	5067.43	5081.10	5048.31	0.90	ppb
Molybdenum	96-1	4994.61	5049.89	5130.17	5058.22	1.35	ppb
Molybdenum	97-1	4951.08	5154.85	5162.76	5089.56	2.36	ppb
Molybdenum	98-1	4986.03	5147.17	5138.73	5090.64	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	537.95	527.19	535.07	533.40	1.04	ppb
Phosphorus	31-2	10600.07	10420.52	10291.57	10437.38	1.48	ppb
Potassium	39-2	24837.55	24452.21	24354.76	24548.17	1.04	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	498.46	514.23	515.65	509.45	1.87	ppb
Selenium	77-2	514.88	522.10	539.35	525.44	2.39	ppb
Selenium	78-2	516.49	509.07	523.42	516.33	1.39	ppb
Silicon	28-1	661.92	671.57	671.34	668.28	0.82	ppb
Silver	107-1	502.61	517.64	522.72	514.32	2.03	ppb
Silver	109-1	512.91	517.44	525.68	518.68	1.25	ppb
Sodium	23-2	51458.46	50531.09	50818.61	50936.05	0.93	ppb
Strontium	86-1	494.57	514.39	516.85	508.61	2.40	ppb
Strontium	88-1	492.19	508.92	507.61	502.91	1.85	ppb
Sulfur	34-1	9849.42	9989.10	10431.15	10089.89	3.01	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	494.84	511.44	512.54	506.27	1.96	ppb
Thallium	205-1	492.34	507.82	503.55	501.24	1.59	ppb
Tin	118-1	505.56	513.89	520.65	513.37	1.47	ppb
Titanium	47-1	4878.27	5154.77	5185.57	5072.87	3.34	ppb
Uranium	238-1	493.65	507.82	513.25	504.90	2.00	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:42:30 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	511.32	502.49	507.07	506.96	0.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	5459.29	5306.38	5327.33	5364.33	1.55	ppb
Zirconium	90-1	497.91	509.41	508.03	505.12	1.24	ppb
Zirconium	91-1	501.88	515.48	517.00	511.45	1.63	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:45:16 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17747.95	19183.92	17185.68	18039.18	5.71	ppb
Antimony	121-1	985.74	990.73	999.95	992.14	0.73	ppb
Arsenic	75-2	999.06	1040.49	916.91	985.49	6.38	ppb
Barium	135-1	4930.11	4994.03	4987.73	4970.63	0.71	ppb
Barium	137-1	4878.22	4985.11	5003.92	4955.75	1.37	ppb
Beryllium	9-1	993.65	993.93	998.30	995.30	0.26	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	984.56	978.21	1001.60	988.12	1.22	ppb
Cadmium	106-1	980.31	985.72	1002.53	989.52	1.17	ppb
Cadmium	111-1	975.47	997.28	1006.27	993.01	1.59	ppb
Calcium	43-1	94576.06	96861.66	94794.80	95410.84	1.32	ppb
Calcium	44-1	94631.10	97093.98	95912.39	95879.16	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1004.07	1030.77	926.79	987.21	5.47	ppb
Cobalt	59-2	996.12	1027.05	916.22	979.80	5.84	ppb
Copper	63-2	9812.41	10214.67	9148.76	9725.28	5.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	54-2	49311.89	51169.33	45111.73	48530.99	6.39	ppb
Iron	56-2	48718.69	50213.06	45142.72	48024.82	5.43	ppb
Iron	57-2	49624.57	51208.61	46214.15	49015.78	5.21	ppb
Krypton	83-1						cps
Lead	206-1	4965.18	4993.96	4983.71	4980.95	0.29	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:45:16 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4982.68	4971.85	4943.15	4965.89	0.41	ppb
Lead	208-1	4968.39	4965.77	4982.36	4972.17	0.18	ppb
Lithium	6-1				91		%
Magnesium	24-2	103353.93	106645.29	94763.39	101587.54	6.04	ppb
Manganese	55-2	9961.65	10303.19	9174.38	9813.07	5.90	ppb
Molybdenum	94-1	9870.20	10032.57	9990.86	9964.54	0.85	ppb
Molybdenum	95-1	9783.32	10050.00	10057.60	9963.64	1.57	ppb
Molybdenum	96-1	9799.59	10080.23	9979.53	9953.12	1.43	ppb
Molybdenum	97-1	9811.80	10018.44	9994.54	9941.59	1.14	ppb
Molybdenum	98-1	9867.15	10011.96	9943.33	9940.81	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.15	1016.02	920.68	974.95	5.03	ppb
Phosphorus	31-2	19813.55	20680.04	18616.03	19703.21	5.26	ppb
Potassium	39-2	46597.12	48245.65	42658.45	45833.74	6.26	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	983.82	995.77	995.99	991.86	0.70	ppb
Selenium	77-2	940.57	1016.94	992.47	983.33	3.97	ppb
Selenium	78-2	985.54	1071.72	907.32	988.19	8.32	ppb
Silicon	28-1	881.42	908.40	925.46	905.10	2.45	ppb
Silver	107-1	978.52	988.87	993.08	986.82	0.76	ppb
Silver	109-1	971.90	988.46	989.88	983.41	1.02	ppb
Sodium	23-2	97314.66	99221.91	88538.86	95025.14	6.00	ppb
Strontium	86-1	994.16	1003.17	997.40	998.24	0.46	ppb
Strontium	88-1	976.80	1010.05	1002.92	996.59	1.76	ppb
Sulfur	34-1	18843.73	19911.80	20330.33	19695.29	3.89	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	998.22	999.26	991.29	996.26	0.43	ppb
Thallium	205-1	997.70	991.29	1007.78	998.92	0.83	ppb
Tin	118-1	981.50	984.05	1000.54	988.69	1.05	ppb
Titanium	47-1	9828.52	10037.68	9936.71	9934.30	1.05	ppb
Uranium	238-1	997.20	993.01	1002.50	997.57	0.48	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:45:16 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1002.77	1044.59	938.18	995.18	5.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	9970.14	10192.16	9196.15	9786.15	5.34	ppb
Zirconium	90-1	986.90	998.18	1004.91	996.66	0.91	ppb
Zirconium	91-1	982.83	1007.33	996.03	995.40	1.23	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:48:03 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100375.68	101479.64	99528.62	100461.31	0.97	ppb
Antimony	121-1	0.76	0.70	0.69	0.72	4.99	ppb
Arsenic	75-2	0.69	0.46	0.43	0.53	26.81	ppb
Barium	135-1	2.44	2.14	2.18	2.25	7.36	ppb
Barium	137-1	2.50	2.23	2.17	2.30	7.61	ppb
Beryllium	9-1	0.32	0.25	0.23	0.27	17.54	ppb
Bismuth	209-1				76		%
Bismuth	209-2				75		%
Bromine	81-1						cps
Cadmium	108-1	0.54	0.78	0.48	0.60	26.48	ppb
Cadmium	106-1	-1.47	-1.19	-1.75	-1.47		ppb
Cadmium	111-1	0.23	0.20	0.20	0.21	8.17	ppb
Calcium	43-1	500607.62	497434.22	504876.52	500972.79	0.75	ppb
Calcium	44-1	503676.43	492301.72	506761.50	500913.22	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.48	1.53	2.06	2.02	23.55	ppb
Cobalt	59-2	2.10	2.07	2.05	2.07	1.12	ppb
Copper	63-2	2.03	1.98	1.90	1.97	3.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				87		%
Indium	115-1				79		%
Indium	115-2				81		%
Iron	54-2	250351.75	250329.76	249632.47	250104.66	0.16	ppb
Iron	56-2	250472.66	249756.28	250564.82	250264.59	0.18	ppb
Iron	57-2	251620.45	248591.30	250329.37	250180.37	0.61	ppb
Krypton	83-1						cps
Lead	206-1	1.84	1.65	1.63	1.71	6.75	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:48:03 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.85	1.67	1.58	1.70	8.28	ppb
Lead	208-1	1.84	1.64	1.60	1.69	7.41	ppb
Lithium	6-1				76		%
Magnesium	24-2	497480.29	503144.15	496514.48	499046.31	0.72	ppb
Manganese	55-2	3.89	3.58	3.63	3.70	4.53	ppb
Molybdenum	94-1	3.04	2.58	2.40	2.67	12.30	ppb
Molybdenum	95-1	1.93	1.60	1.41	1.65	16.11	ppb
Molybdenum	96-1	2.36	2.05	1.89	2.10	11.45	ppb
Molybdenum	97-1	1.67	1.29	1.19	1.39	18.30	ppb
Molybdenum	98-1	1.57	1.24	1.04	1.28	20.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.91	4.00	3.83	3.91	2.24	ppb
Phosphorus	31-2	4.57	-7.86	6.05	0.92	834.19	ppb
Potassium	39-2	251857.05	251307.34	249500.07	250888.15	0.49	ppb
Rhodium	103-1				74		%
Rhodium	103-2				73		%
Scandium	45-1				84		%
Scandium	45-2				83		%
Selenium	82-1	0.47	-0.19	-0.17	0.03	1081.08	ppb
Selenium	77-2	0.00	0.00	2.34	0.78	173.21	ppb
Selenium	78-2	0.66	0.98	0.31	0.65	51.49	ppb
Silicon	28-1	5.27	4.51	4.88	4.89	7.72	ppb
Silver	107-1	0.17	0.14	0.12	0.14	16.15	ppb
Silver	109-1	0.17	0.15	0.13	0.15	13.00	ppb
Sodium	23-2	504998.67	497034.54	500528.07	500853.76	0.80	ppb
Strontium	86-1	2.82	2.84	2.75	2.80	1.66	ppb
Strontium	88-1	2.78	2.78	2.74	2.77	0.69	ppb
Sulfur	34-1	-593.21	-760.16	-488.33	-613.90		ppb
Terbium	159-1				87		%
Terbium	159-2				87		%
Thallium	203-1	0.15	0.13	0.09	0.12	21.79	ppb
Thallium	205-1	0.15	0.12	0.10	0.12	21.76	ppb
Tin	118-1	0.32	0.26	0.24	0.27	14.23	ppb
Titanium	47-1	4.09	3.86	3.75	3.90	4.40	ppb
Uranium	238-1	0.11	0.07	0.06	0.08	33.48	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:48:03 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.18	0.16	0.16	12.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				85		%
Yttrium	89-2				81		%
Zinc	66-2	14.57	13.37	13.95	13.96	4.29	ppb
Zirconium	90-1	0.59	0.58	0.56	0.58	2.84	ppb
Zirconium	91-1	0.62	0.57	0.59	0.59	3.83	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:25:05 DataFile Name : 016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	446.61	453.72	462.45	454.26	1.75	ppb
Antimony	121-1	180.48	237.25	206.38	208.04	13.66	ppb
Arsenic	75-2	199.75	204.12	201.94	201.94	1.08	ppb
Barium	135-1	86.91	115.50	101.18	101.20	14.13	ppb
Barium	137-1	89.02	117.25	102.51	102.93	13.72	ppb
Beryllium	9-1	86.55	106.97	95.64	96.38	10.61	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	164.12	216.58	193.20	191.30	13.74	ppb
Cadmium	106-1	176.51	232.39	200.23	203.04	13.81	ppb
Cadmium	111-1	90.10	119.22	103.70	104.34	13.96	ppb
Calcium	43-1	1834.23	2366.95	2119.99	2107.06	12.65	ppb
Calcium	44-1	1859.97	2430.56	2155.61	2148.71	13.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.49	96.93	96.92	96.78	0.26	ppb
Cobalt	59-2	100.74	100.66	100.85	100.75	0.09	ppb
Copper	63-2	105.93	106.77	105.62	106.11	0.56	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				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	2057.03	2059.24	2045.88	2054.05	0.35	ppb
Iron	56-2	2092.44	2061.04	2032.11	2061.86	1.46	ppb
Iron	57-2	1984.57	2008.25	1969.04	1987.29	0.99	ppb
Krypton	83-1						cps
Lead	206-1	189.16	243.66	213.73	215.52	12.67	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:25:05 DataFile Name : 016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	180.72	231.85	203.40	205.32	12.48	ppb
Lead	208-1	182.83	236.69	205.85	208.46	12.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	1177.03	1193.49	1193.10	1187.87	0.79	ppb
Manganese	55-2	100.10	98.97	99.50	99.52	0.57	ppb
Molybdenum	94-1	4342.84	5600.45	4881.01	4941.43	12.77	ppb
Molybdenum	95-1	4324.57	5592.32	4920.00	4945.63	12.82	ppb
Molybdenum	96-1	4302.96	5606.75	4950.40	4953.37	13.16	ppb
Molybdenum	97-1	4285.36	5580.29	4918.23	4927.96	13.14	ppb
Molybdenum	98-1	4294.22	5586.74	4890.14	4923.70	13.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.05	108.68	107.65	108.46	0.67	ppb
Phosphorus	31-2	-23.32	-4.41	-17.00	-14.91		ppb
Potassium	39-2	1801.18	1797.93	1812.25	1803.79	0.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	182.51	235.31	205.77	207.86	12.73	ppb
Selenium	77-2	221.51	203.63	197.69	207.61	5.97	ppb
Selenium	78-2	202.38	208.29	211.88	207.52	2.31	ppb
Silicon	28-1	111.59	145.48	130.40	129.16	13.15	ppb
Silver	107-1	42.56	55.73	49.26	49.18	13.39	ppb
Silver	109-1	41.93	56.17	49.50	49.20	14.49	ppb
Sodium	23-2	1885.98	1893.66	1891.79	1890.48	0.21	ppb
Strontium	86-1	440.23	569.91	504.51	504.88	12.84	ppb
Strontium	88-1	439.53	565.15	503.73	502.80	12.49	ppb
Sulfur	34-1	-1273.71	66.80	-664.79	-623.90		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	180.42	230.32	199.91	203.55	12.35	ppb
Thallium	205-1	175.63	225.62	193.92	198.39	12.75	ppb
Tin	118-1	439.55	572.32	505.70	505.86	13.12	ppb
Titanium	47-1	4337.13	5580.80	4986.24	4968.06	12.52	ppb
Uranium	238-1	442.11	571.24	493.22	502.19	12.95	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:25:05 DataFile Name : 016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	95.35	95.36	94.57	95.10	0.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	200.76	199.33	203.48	201.19	1.05	ppb
Zirconium	90-1	455.02	593.98	514.49	521.17	13.38	ppb
Zirconium	91-1	459.83	599.72	525.98	528.51	13.24	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:33:33 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	0.18	0.22	0.22	18.89	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	18.81	ppb
Arsenic	75-2	0.00	-0.03	-0.03	-0.02		ppb
Barium	135-1	0.01	0.02	0.03	0.02	44.07	ppb
Barium	137-1	0.02	0.05	0.04	0.03	44.75	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	13.70	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.06	0.06	0.06	5.44	ppb
Cadmium	106-1	-1.09	-0.45	-1.31	-0.95		ppb
Cadmium	111-1	-0.03	-0.01	-0.03	-0.02		ppb
Calcium	43-1	0.42	1.98	1.42	1.28	61.93	ppb
Calcium	44-1	-0.02	0.02	0.57	0.19	173.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.01	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1117.79	ppb
Copper	63-2	-0.01	0.03	-0.03	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	54-2	0.12	0.04	0.66	0.28	123.41	ppb
Iron	56-2	-0.05	0.22	0.11	0.09	141.68	ppb
Iron	57-2	-0.01	-0.12	0.34	0.07	350.27	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.02	33.19	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:33:33 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	-0.01	0.00	0.00		ppb
Lead	208-1	0.01	0.00	0.01	0.01	46.87	ppb
Lithium	6-1				96		%
Magnesium	24-2	-0.71	-0.30	-0.43	-0.48		ppb
Manganese	55-2	0.02	0.04	0.03	0.03	32.38	ppb
Molybdenum	94-1	0.03	0.02	0.03	0.02	21.03	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.03	31.33	ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	38.39	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	37.76	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	8.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.03	0.00	-0.01		ppb
Phosphorus	31-2	-12.46	-20.31	-7.51	-13.43		ppb
Potassium	39-2	1.78	0.91	3.30	2.00	60.45	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.32	0.09	-0.47	-0.02		ppb
Selenium	77-2	0.00	0.00	0.95	0.32	173.21	ppb
Selenium	78-2	-0.11	0.48	0.47	0.28	120.78	ppb
Silicon	28-1	-0.10	0.34	0.47	0.24	126.53	ppb
Silver	107-1	0.01	0.00	0.01	0.01	13.81	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.20	ppb
Sodium	23-2	5.66	8.22	7.14	7.01	18.33	ppb
Strontium	86-1	0.01	0.01	0.00	0.01	62.22	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	11.43	ppb
Sulfur	34-1	-572.48	-276.43	-117.77	-322.23		ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	14.96	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	32.50	ppb
Tin	118-1	0.01	0.04	0.02	0.02	51.27	ppb
Titanium	47-1	0.01	0.01	0.02	0.01	41.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:33:33 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.00	0.00	58.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	0.17	0.01	0.07	113.58	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	166.85	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	105.09	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:43:16 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92246.08	90627.18	92950.22	91941.16	1.30	ppb
Antimony	121-1	1.08	1.03	1.08	1.06	2.83	ppb
Arsenic	75-2	0.33	0.40	0.23	0.32	26.65	ppb
Barium	135-1	1.44	1.30	1.32	1.36	5.81	ppb
Barium	137-1	1.38	1.40	1.43	1.40	1.89	ppb
Beryllium	9-1	0.28	0.26	0.27	0.27	3.45	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	16.64	16.50	16.31	16.48	1.01	ppb
Cadmium	106-1	-0.61	-0.93	-1.26	-0.93		ppb
Cadmium	111-1	0.73	0.54	0.63	0.63	14.97	ppb
Calcium	43-1	97118.65	94237.41	99544.74	96966.93	2.74	ppb
Calcium	44-1	97603.52	93359.95	97556.87	96173.45	2.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.80	18.77	18.82	18.80	0.11	ppb
Cobalt	59-2	1.11	1.12	1.17	1.13	2.79	ppb
Copper	63-2	7.97	8.06	8.06	8.03	0.67	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				103		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	102975.95	101294.08	104686.06	102985.36	1.65	ppb
Iron	56-2	104971.93	102114.29	105517.25	104201.16	1.75	ppb
Iron	57-2	105186.97	103421.57	105744.53	104784.36	1.16	ppb
Krypton	83-1						cps
Lead	206-1	4.56	4.43	4.69	4.56	2.82	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:43:16 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.18	4.02	4.31	4.17	3.47	ppb
Lead	208-1	4.30	4.16	4.42	4.29	3.06	ppb
Lithium	6-1				93		%
Magnesium	24-2	104131.72	101794.46	104354.36	103426.84	1.37	ppb
Manganese	55-2	7.29	7.58	7.37	7.41	2.02	ppb
Molybdenum	94-1	1616.76	1549.79	1607.44	1591.33	2.28	ppb
Molybdenum	95-1	1958.91	1873.51	1999.08	1943.83	3.30	ppb
Molybdenum	96-1	1940.71	1843.55	1962.69	1915.65	3.31	ppb
Molybdenum	97-1	1975.33	1900.72	1988.72	1954.92	2.43	ppb
Molybdenum	98-1	1966.80	1890.15	1989.94	1948.96	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.27	5.43	5.28	5.33	1.71	ppb
Phosphorus	31-2	108531.81	106250.79	109312.15	108031.58	1.47	ppb
Potassium	39-2	97898.58	97975.01	97015.89	97629.83	0.55	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.33	0.37	0.20	0.30	30.40	ppb
Selenium	77-2	0.00	0.00	0.93	0.31	173.21	ppb
Selenium	78-2	-0.38	0.46	-0.10	-0.01		ppb
Silicon	28-1	6.63	6.29	7.09	6.67	6.01	ppb
Silver	107-1	0.09	0.07	0.06	0.08	20.39	ppb
Silver	109-1	0.09	0.08	0.07	0.08	15.09	ppb
Sodium	23-2	103913.68	101289.81	103834.34	103012.61	1.45	ppb
Strontium	86-1	30.88	30.27	31.52	30.89	2.03	ppb
Strontium	88-1	31.30	32.02	33.87	32.40	4.10	ppb
Sulfur	34-1	101695.47	98345.76	105397.70	101812.98	3.46	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.15	0.16	0.21	0.18	18.46	ppb
Thallium	205-1	0.14	0.17	0.21	0.17	19.81	ppb
Tin	118-1	0.28	0.27	0.28	0.28	1.88	ppb
Titanium	47-1	2084.36	2002.03	2114.55	2066.98	2.82	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.20	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:43:16 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.13	0.12	0.16	0.14	14.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	11.78	11.24	11.80	11.61	2.73	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	11.62	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	35.36	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:46:23 DataFile Name : 022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89438.56	90189.51	87892.25	89173.44	1.31	ppb
Antimony	121-1	20.52	19.73	20.68	20.31	2.51	ppb
Arsenic	75-2	20.43	21.38	20.72	20.84	2.34	ppb
Barium	135-1	21.18	20.61	21.80	21.20	2.80	ppb
Barium	137-1	21.37	20.73	22.16	21.42	3.35	ppb
Beryllium	9-1	19.90	20.18	20.62	20.23	1.79	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	32.46	31.05	34.92	32.81	5.97	ppb
Cadmium	106-1	16.07	13.94	13.83	14.61	8.62	ppb
Cadmium	111-1	19.90	18.79	19.46	19.38	2.89	ppb
Calcium	43-1	97228.28	96713.75	100112.31	98018.12	1.87	ppb
Calcium	44-1	98240.29	97016.35	99942.31	98399.65	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.85	37.68	36.69	37.07	1.44	ppb
Cobalt	59-2	20.24	20.32	20.13	20.23	0.47	ppb
Copper	63-2	27.49	27.41	26.87	27.25	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	100251.05	100524.35	97967.21	99580.87	1.41	ppb
Iron	56-2	101278.76	101366.34	99079.74	100574.95	1.29	ppb
Iron	57-2	102584.94	104222.23	101185.34	102664.17	1.48	ppb
Krypton	83-1						cps
Lead	206-1	24.69	24.07	25.36	24.71	2.62	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:46:23 DataFile Name : 022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	24.05	23.43	24.83	24.10	2.91	ppb
Lead	208-1	24.21	23.53	24.74	24.16	2.51	ppb
Lithium	6-1				94		%
Magnesium	24-2	101001.96	102477.68	98259.66	100579.76	2.13	ppb
Manganese	55-2	26.70	27.25	26.00	26.65	2.35	ppb
Molybdenum	94-1	1650.21	1572.14	1639.16	1620.50	2.61	ppb
Molybdenum	95-1	1990.17	1925.04	2000.34	1971.85	2.07	ppb
Molybdenum	96-1	1943.93	1886.53	1975.85	1935.44	2.34	ppb
Molybdenum	97-1	2002.16	1929.91	2023.01	1985.03	2.46	ppb
Molybdenum	98-1	2005.14	1936.98	2036.06	1992.73	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.14	25.72	24.96	25.27	1.58	ppb
Phosphorus	31-2	104196.27	106233.58	104203.64	104877.83	1.12	ppb
Potassium	39-2	95552.50	96429.71	93930.16	95304.13	1.33	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	20.49	20.31	20.73	20.51	1.01	ppb
Selenium	77-2	15.29	18.53	18.95	17.59	11.39	ppb
Selenium	78-2	22.92	22.80	22.74	22.82	0.40	ppb
Silicon	28-1	7.25	7.35	7.83	7.48	4.10	ppb
Silver	107-1	18.06	17.41	18.24	17.91	2.44	ppb
Silver	109-1	18.19	17.71	18.55	18.15	2.33	ppb
Sodium	23-2	99844.86	100803.76	99362.82	100003.81	0.73	ppb
Strontium	86-1	31.54	30.42	31.86	31.27	2.42	ppb
Strontium	88-1	34.22	32.14	34.08	33.48	3.47	ppb
Sulfur	34-1	100687.65	101061.73	103745.79	101831.72	1.64	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	19.84	19.39	20.38	19.87	2.48	ppb
Thallium	205-1	19.97	19.56	20.34	19.95	1.95	ppb
Tin	118-1	0.60	0.55	0.65	0.60	8.61	ppb
Titanium	47-1	2087.98	2105.06	2116.40	2103.15	0.68	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	9.96	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:46:23 DataFile Name : 022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	18.99	19.35	19.12	19.16	0.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	29.49	30.46	29.58	29.84	1.79	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	18.39	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	8.25	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:57:26 DataFile Name : 024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47592.00	47380.94	48227.09	47733.34	0.92	ppb
Antimony	121-1	488.15	492.57	489.25	489.99	0.47	ppb
Arsenic	75-2	498.12	500.87	478.84	492.61	2.44	ppb
Barium	135-1	2477.82	2496.60	2478.00	2484.14	0.43	ppb
Barium	137-1	2519.84	2497.26	2481.36	2499.49	0.77	ppb
Beryllium	9-1	493.68	511.53	506.17	503.79	1.82	ppb
Bismuth	209-1				87		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	484.14	486.54	477.26	482.65	1.00	ppb
Cadmium	106-1	478.45	481.27	481.41	480.38	0.35	ppb
Cadmium	111-1	478.42	483.03	479.40	480.28	0.51	ppb
Calcium	43-1	239702.83	241829.19	241977.54	241169.85	0.53	ppb
Calcium	44-1	241181.97	242191.82	240225.76	241199.85	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.32	499.97	492.54	498.28	1.02	ppb
Cobalt	59-2	498.21	492.13	491.12	493.82	0.78	ppb
Copper	63-2	4742.57	4654.06	4642.70	4679.77	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	54-2	121433.57	119494.60	120944.11	120624.09	0.84	ppb
Iron	56-2	122301.58	121516.14	122082.61	121966.78	0.33	ppb
Iron	57-2	124582.52	124408.28	123373.72	124121.50	0.53	ppb
Krypton	83-1						cps
Lead	206-1	2508.54	2508.04	2567.58	2528.05	1.35	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:57:26 DataFile Name : 024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2523.32	2525.04	2548.62	2532.33	0.56	ppb
Lead	208-1	2524.19	2506.61	2542.74	2524.51	0.72	ppb
Lithium	6-1				90		%
Magnesium	24-2	262562.14	258322.34	260465.10	260449.86	0.81	ppb
Manganese	55-2	4962.60	4896.68	4922.97	4927.42	0.67	ppb
Molybdenum	94-1	4925.12	4915.33	4957.23	4932.56	0.44	ppb
Molybdenum	95-1	4927.66	4915.15	4926.13	4922.98	0.14	ppb
Molybdenum	96-1	4908.09	5010.70	4939.96	4952.92	1.06	ppb
Molybdenum	97-1	4916.76	4965.24	4923.58	4935.19	0.53	ppb
Molybdenum	98-1	4903.36	4891.28	4908.51	4901.05	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.56	477.38	475.11	478.69	0.91	ppb
Phosphorus	31-2	10129.71	9984.51	10011.48	10041.90	0.77	ppb
Potassium	39-2	120277.04	119515.13	121062.24	120284.80	0.64	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	465.63	479.39	472.32	472.44	1.46	ppb
Selenium	77-2	512.11	547.64	478.54	512.76	6.74	ppb
Selenium	78-2	483.01	487.62	463.93	478.19	2.63	ppb
Silicon	28-1	481.46	486.15	477.42	481.68	0.91	ppb
Silver	107-1	468.78	467.83	466.86	467.82	0.21	ppb
Silver	109-1	479.94	477.80	475.46	477.73	0.47	ppb
Sodium	23-2	248453.75	246125.61	245463.43	246680.93	0.64	ppb
Strontium	86-1	501.11	495.53	494.01	496.88	0.75	ppb
Strontium	88-1	492.08	500.05	495.88	496.00	0.80	ppb
Sulfur	34-1	10005.73	9827.96	9944.06	9925.92	0.91	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	509.69	510.38	514.57	511.54	0.52	ppb
Thallium	205-1	503.39	503.78	509.63	505.60	0.69	ppb
Tin	118-1	492.19	493.00	487.99	491.06	0.55	ppb
Titanium	47-1	4966.32	4988.45	4976.82	4977.20	0.22	ppb
Uranium	238-1	518.57	510.97	517.25	515.59	0.79	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:57:26 DataFile Name : 024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	490.05	487.32	482.47	486.61	0.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	4772.01	4724.77	4704.64	4733.80	0.73	ppb
Zirconium	90-1	495.97	502.18	500.27	499.47	0.64	ppb
Zirconium	91-1	507.18	501.29	499.92	502.80	0.77	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:04:21 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	0.02	0.35	0.14	136.12	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	9.34	ppb
Arsenic	75-2	-0.03	-0.01	0.00	-0.01		ppb
Barium	135-1	0.07	0.07	0.06	0.07	11.62	ppb
Barium	137-1	0.07	0.06	0.07	0.06	12.56	ppb
Beryllium	9-1	0.05	0.03	0.03	0.04	23.02	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.02	-0.03	0.00	966.55	ppb
Cadmium	106-1	-0.60	-0.13	-0.60	-0.44		ppb
Cadmium	111-1	-0.01	0.00	-0.01	-0.01		ppb
Calcium	43-1	3.32	2.90	3.52	3.25	9.69	ppb
Calcium	44-1	3.37	2.75	2.70	2.94	12.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.01	-0.05	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.01	0.01	0.01	57.39	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				101		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	1.61	0.94	1.04	1.20	30.41	ppb
Iron	56-2	0.89	0.53	0.45	0.62	37.52	ppb
Iron	57-2	0.58	1.61	1.54	1.24	46.35	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.06	0.07	10.72	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:04:21 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.07	0.06	0.06	0.06	9.72	ppb
Lead	208-1	0.07	0.06	0.06	0.06	4.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.17	-0.06	-0.51	-0.25		ppb
Manganese	55-2	0.08	0.04	0.06	0.06	35.55	ppb
Molybdenum	94-1	0.03	0.02	0.02	0.03	12.28	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	26.04	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	24.52	ppb
Molybdenum	97-1	0.01	0.02	0.01	0.02	14.86	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	23.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.04	-0.02	0.03	142.06	ppb
Phosphorus	31-2	-20.06	-16.02	-18.04	-18.04		ppb
Potassium	39-2	12.63	9.42	5.70	9.25	37.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.26	-0.01	0.18	0.14	95.43	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.09	-0.10	0.14	-0.02		ppb
Silicon	28-1	-0.35	-0.59	-0.44	-0.46		ppb
Silver	107-1	0.01	0.01	0.01	0.01	33.49	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.56	ppb
Sodium	23-2	24.04	19.36	17.03	20.14	17.73	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	233.91	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	183.70	ppb
Sulfur	34-1	-667.30	-744.95	-677.35	-696.53		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.05	0.05	12.86	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	5.15	ppb
Tin	118-1	0.02	0.02	0.01	0.02	23.54	ppb
Titanium	47-1	0.02	0.03	0.01	0.02	61.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:04:21 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	0.39	0.25	0.14	0.26	46.71	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	97.83	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	227.60	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:29:20 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.53	17.32	18.58	18.15	3.93	ppb
Antimony	121-1	1.86	1.90	1.90	1.89	1.15	ppb
Arsenic	75-2	1.05	1.28	1.05	1.13	11.89	ppb
Barium	135-1	9.29	9.58	9.49	9.45	1.59	ppb
Barium	137-1	9.56	9.69	9.46	9.57	1.24	ppb
Beryllium	9-1	0.93	0.95	0.94	0.94	1.30	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.92	1.10	1.15	1.06	11.67	ppb
Cadmium	106-1	0.18	0.18	0.06	0.14	48.88	ppb
Cadmium	111-1	0.97	0.97	0.98	0.97	0.15	ppb
Calcium	43-1	451.76	467.67	459.58	459.67	1.73	ppb
Calcium	44-1	455.75	463.36	460.11	459.74	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	1.90	1.76	1.85	4.02	ppb
Cobalt	59-2	1.07	1.04	0.98	1.03	4.42	ppb
Copper	63-2	2.05	2.07	2.05	2.06	0.47	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				99		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	52.25	52.85	50.54	51.88	2.31	ppb
Iron	56-2	50.92	50.91	49.49	50.44	1.63	ppb
Iron	57-2	51.09	55.03	54.57	53.56	4.03	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.88	0.93	0.91	2.60	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:29:20 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.91	0.96	0.95	0.94	2.47	ppb
Lead	208-1	0.92	0.91	0.92	0.92	0.72	ppb
Lithium	6-1				98		%
Magnesium	24-2	527.33	524.70	506.32	519.45	2.20	ppb
Manganese	55-2	1.03	0.95	0.96	0.98	4.42	ppb
Molybdenum	94-1	5.40	5.66	5.45	5.51	2.44	ppb
Molybdenum	95-1	4.44	4.62	4.46	4.50	2.19	ppb
Molybdenum	96-1	4.57	4.80	4.63	4.66	2.53	ppb
Molybdenum	97-1	4.44	4.68	4.49	4.54	2.83	ppb
Molybdenum	98-1	4.39	4.65	4.56	4.54	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.30	1.07	1.13	12.89	ppb
Phosphorus	31-2	6.07	21.86	18.44	15.46	53.76	ppb
Potassium	39-2	460.62	465.84	442.62	456.36	2.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	5.66	5.41	5.06	5.38	5.63	ppb
Selenium	77-2	3.89	4.84	8.56	5.76	42.89	ppb
Selenium	78-2	4.77	4.18	7.46	5.47	31.99	ppb
Silicon	28-1	1.33	1.54	1.42	1.43	7.26	ppb
Silver	107-1	0.90	0.93	0.96	0.93	3.13	ppb
Silver	109-1	0.95	0.97	0.95	0.96	1.10	ppb
Sodium	23-2	493.26	490.30	470.39	484.65	2.57	ppb
Strontium	86-1	0.86	0.89	0.96	0.90	5.24	ppb
Strontium	88-1	0.90	0.91	0.89	0.90	1.08	ppb
Sulfur	34-1	-493.51	-437.10	-511.23	-480.62		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.91	0.93	0.91	0.92	1.46	ppb
Thallium	205-1	0.91	0.90	0.90	0.90	0.65	ppb
Tin	118-1	4.23	4.38	4.36	4.33	1.92	ppb
Titanium	47-1	4.64	4.77	4.53	4.65	2.51	ppb
Uranium	238-1	0.86	0.87	0.86	0.86	0.83	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:29:20 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.93	4.79	4.69	4.80	2.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	5.22	5.48	5.15	5.28	3.29	ppb
Zirconium	90-1	0.90	0.93	0.91	0.91	1.97	ppb
Zirconium	91-1	0.85	0.90	0.89	0.88	3.42	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:33:12 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.13	7.78	7.48	7.80	4.17	ppb
Antimony	121-1	0.37	0.38	0.39	0.38	2.38	ppb
Arsenic	75-2	0.48	0.35	0.41	0.41	15.92	ppb
Barium	135-1	1.81	1.82	1.91	1.85	2.88	ppb
Barium	137-1	1.90	1.90	1.95	1.92	1.53	ppb
Beryllium	9-1	0.38	0.37	0.38	0.38	1.10	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.40	0.34	0.49	0.41	18.96	ppb
Cadmium	106-1	-1.67	0.17	-0.68	-0.72		ppb
Cadmium	111-1	0.34	0.39	0.32	0.35	10.03	ppb
Calcium	43-1	181.00	186.10	194.86	187.32	3.74	ppb
Calcium	44-1	180.40	184.63	192.23	185.76	3.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.46	0.45	0.45	1.99	ppb
Cobalt	59-2	0.42	0.44	0.42	0.43	2.65	ppb
Copper	63-2	0.84	0.88	0.84	0.85	2.37	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				98		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	31.86	33.12	33.48	32.82	2.59	ppb
Iron	56-2	33.42	32.97	33.22	33.20	0.68	ppb
Iron	57-2	33.46	32.19	32.15	32.60	2.29	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.37	0.41	0.39	4.96	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:33:12 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.37	0.36	0.43	0.39	9.49	ppb
Lead	208-1	0.38	0.36	0.40	0.38	4.26	ppb
Lithium	6-1				100		%
Magnesium	24-2	213.03	218.70	215.92	215.88	1.31	ppb
Manganese	55-2	0.87	0.86	0.95	0.89	5.56	ppb
Molybdenum	94-1	0.94	0.97	1.01	0.97	3.76	ppb
Molybdenum	95-1	0.36	0.34	0.36	0.35	4.33	ppb
Molybdenum	96-1	0.44	0.43	0.45	0.44	2.69	ppb
Molybdenum	97-1	0.34	0.36	0.36	0.36	2.82	ppb
Molybdenum	98-1	0.35	0.39	0.38	0.37	4.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.54	0.44	0.46	17.19	ppb
Phosphorus	31-2	-3.63	-1.20	-7.12	-3.98		ppb
Potassium	39-2	116.34	115.40	118.06	116.60	1.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	4.89	4.52	4.68	4.70	3.98	ppb
Selenium	77-2	3.86	4.77	2.93	3.85	23.91	ppb
Selenium	78-2	2.18	3.83	3.93	3.32	29.63	ppb
Silicon	28-1	-0.43	-0.44	-0.10	-0.32		ppb
Silver	107-1	0.39	0.41	0.40	0.40	2.21	ppb
Silver	109-1	0.36	0.40	0.42	0.39	7.43	ppb
Sodium	23-2	201.02	198.63	205.60	201.75	1.76	ppb
Strontium	86-1	0.36	0.34	0.36	0.35	3.11	ppb
Strontium	88-1	0.35	0.35	0.37	0.36	3.42	ppb
Sulfur	34-1	-763.64	-704.04	-591.53	-686.40		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.35	0.35	0.37	0.36	3.76	ppb
Thallium	205-1	0.37	0.36	0.39	0.37	3.45	ppb
Tin	118-1	0.36	0.36	0.39	0.37	4.48	ppb
Titanium	47-1	0.36	0.39	0.38	0.38	4.90	ppb
Uranium	238-1	0.35	0.34	0.35	0.35	1.35	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:33:12 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.36	0.37	0.40	0.38	5.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	1.13	1.13	1.04	1.10	4.83	ppb
Zirconium	90-1	0.36	0.35	0.37	0.36	2.56	ppb
Zirconium	91-1	0.33	0.37	0.38	0.36	8.03	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:36:34 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.29	21.17	17.61	20.02	10.44	ppb
Antimony	121-1	1.86	1.88	1.87	1.87	0.58	ppb
Arsenic	75-2	0.80	0.98	1.14	0.98	17.30	ppb
Barium	135-1	9.30	9.62	9.15	9.36	2.58	ppb
Barium	137-1	9.39	9.46	9.49	9.44	0.58	ppb
Beryllium	9-1	0.89	0.96	0.93	0.92	3.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.96	1.00	1.06	1.00	5.09	ppb
Cadmium	106-1	0.36	-0.19	-0.15	0.01	4200.56	ppb
Cadmium	111-1	0.98	0.95	0.95	0.96	1.91	ppb
Calcium	43-1	457.59	465.83	450.94	458.12	1.63	ppb
Calcium	44-1	457.25	455.97	455.27	456.16	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	1.90	1.83	1.89	2.91	ppb
Cobalt	59-2	1.00	1.02	1.03	1.01	1.32	ppb
Copper	63-2	1.94	2.06	1.99	2.00	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	49.18	50.13	49.57	49.63	0.96	ppb
Iron	56-2	50.26	50.12	48.99	49.79	1.40	ppb
Iron	57-2	51.17	48.44	48.28	49.30	3.30	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.88	0.88	0.89	1.39	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:36:34 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.88	0.89	0.90	0.89	1.32	ppb
Lead	208-1	0.90	0.89	0.90	0.89	0.66	ppb
Lithium	6-1				101		%
Magnesium	24-2	523.67	522.83	512.34	519.61	1.21	ppb
Manganese	55-2	0.99	0.98	1.01	0.99	1.83	ppb
Molybdenum	94-1	5.47	5.47	5.38	5.44	0.99	ppb
Molybdenum	95-1	4.48	4.53	4.49	4.50	0.62	ppb
Molybdenum	96-1	4.47	4.64	4.56	4.56	1.80	ppb
Molybdenum	97-1	4.58	4.62	4.62	4.61	0.52	ppb
Molybdenum	98-1	4.49	4.56	4.43	4.49	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.02	1.10	1.04	5.11	ppb
Phosphorus	31-2	22.95	-2.70	12.09	10.78	119.41	ppb
Potassium	39-2	453.07	445.69	447.92	448.90	0.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	4.61	5.49	4.88	4.99	8.96	ppb
Selenium	77-2	6.56	2.84	3.83	4.41	43.70	ppb
Selenium	78-2	3.76	3.81	4.13	3.90	5.13	ppb
Silicon	28-1	1.32	1.26	1.18	1.25	5.62	ppb
Silver	107-1	0.95	0.90	0.93	0.92	2.53	ppb
Silver	109-1	0.96	0.95	0.94	0.95	0.89	ppb
Sodium	23-2	479.34	474.97	478.47	477.59	0.48	ppb
Strontium	86-1	0.86	0.89	0.88	0.88	1.92	ppb
Strontium	88-1	0.90	0.88	0.87	0.88	1.63	ppb
Sulfur	34-1	-564.89	-590.41	-700.11	-618.47		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.90	0.85	0.90	0.88	3.28	ppb
Thallium	205-1	0.86	0.87	0.87	0.87	0.22	ppb
Tin	118-1	4.31	4.29	4.36	4.32	0.91	ppb
Titanium	47-1	4.66	4.66	4.73	4.68	0.85	ppb
Uranium	238-1	0.84	0.84	0.85	0.84	0.57	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:36:34 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.88	4.71	4.71	4.77	2.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	5.36	5.08	4.81	5.08	5.40	ppb
Zirconium	90-1	0.91	0.92	0.91	0.91	0.70	ppb
Zirconium	91-1	0.94	0.90	0.88	0.91	3.44	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-09 Instrumnet Name : P8
Client Sample ID : MDL-WATER-03-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:39:57 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.47	6.34	6.71	7.17	15.86	ppb
Antimony	121-1	0.38	0.37	0.36	0.37	2.35	ppb
Arsenic	75-2	0.47	0.35	0.24	0.36	31.16	ppb
Barium	135-1	1.84	1.87	1.89	1.87	1.08	ppb
Barium	137-1	1.86	1.97	1.89	1.91	3.07	ppb
Beryllium	9-1	0.36	0.37	0.35	0.36	1.74	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	0.49	0.36	0.46	0.44	15.36	ppb
Cadmium	106-1	-0.61	-0.77	-0.82	-0.74		ppb
Cadmium	111-1	0.36	0.35	0.37	0.36	2.96	ppb
Calcium	43-1	180.01	184.75	193.69	186.15	3.73	ppb
Calcium	44-1	186.98	185.40	189.39	187.26	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.36	0.41	0.38	7.10	ppb
Cobalt	59-2	0.39	0.38	0.40	0.39	2.50	ppb
Copper	63-2	0.81	0.84	0.81	0.82	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				91		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	54-2	32.46	31.48	32.59	32.17	1.89	ppb
Iron	56-2	31.80	31.94	32.30	32.01	0.81	ppb
Iron	57-2	31.88	31.74	33.37	32.33	2.79	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.38	0.37	0.37	2.60	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-09 Instrumnet Name : P8
Client Sample ID : MDL-WATER-03-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:39:57 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.35	0.38	0.36	0.36	3.20	ppb
Lead	208-1	0.35	0.37	0.37	0.37	3.28	ppb
Lithium	6-1				94		%
Magnesium	24-2	207.43	210.25	207.62	208.43	0.76	ppb
Manganese	55-2	0.77	0.87	0.75	0.80	8.11	ppb
Molybdenum	94-1	0.93	0.93	0.92	0.93	0.47	ppb
Molybdenum	95-1	0.34	0.36	0.38	0.36	4.50	ppb
Molybdenum	96-1	0.39	0.42	0.38	0.40	5.09	ppb
Molybdenum	97-1	0.35	0.33	0.37	0.35	5.41	ppb
Molybdenum	98-1	0.36	0.35	0.34	0.35	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.34	0.39	0.42	22.61	ppb
Phosphorus	31-2	-9.91	-13.84	8.41	-5.11		ppb
Potassium	39-2	121.46	120.55	126.80	122.94	2.75	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	5.07	4.84	4.96	4.95	2.33	ppb
Selenium	77-2	5.14	6.31	4.16	5.20	20.66	ppb
Selenium	78-2	6.58	6.74	6.05	6.46	5.59	ppb
Silicon	28-1	-0.10	0.11	0.36	0.12	191.58	ppb
Silver	107-1	0.39	0.39	0.38	0.39	1.94	ppb
Silver	109-1	0.37	0.44	0.40	0.40	8.09	ppb
Sodium	23-2	197.87	202.29	200.26	200.14	1.10	ppb
Strontium	86-1	0.35	0.34	0.32	0.34	4.22	ppb
Strontium	88-1	0.34	0.35	0.36	0.35	3.11	ppb
Sulfur	34-1	-507.43	-234.31	-132.07	-291.27		ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.37	0.36	0.37	0.37	2.14	ppb
Thallium	205-1	0.36	0.36	0.36	0.36	0.30	ppb
Tin	118-1	0.37	0.35	0.38	0.36	3.85	ppb
Titanium	47-1	0.43	0.37	0.42	0.41	7.68	ppb
Uranium	238-1	0.34	0.35	0.35	0.34	2.18	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-09 Instrumnet Name : P8
Client Sample ID : MDL-WATER-03-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:39:57 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.38	0.40	0.40	0.40	2.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	1.07	1.21	1.00	1.09	9.86	ppb
Zirconium	90-1	0.35	0.36	0.35	0.35	1.84	ppb
Zirconium	91-1	0.35	0.37	0.35	0.36	3.50	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:43:19 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.56	15.56	18.90	17.67	10.40	ppb
Antimony	121-1	1.90	1.89	1.84	1.88	1.79	ppb
Arsenic	75-2	0.86	0.83	1.12	0.94	16.97	ppb
Barium	135-1	9.54	9.48	9.76	9.59	1.58	ppb
Barium	137-1	9.68	9.43	9.62	9.58	1.33	ppb
Beryllium	9-1	0.92	0.92	0.91	0.92	0.54	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	1.17	1.06	0.78	1.00	20.42	ppb
Cadmium	106-1	0.48	0.22	0.10	0.27	73.25	ppb
Cadmium	111-1	0.96	0.99	1.00	0.98	1.85	ppb
Calcium	43-1	464.71	471.33	468.86	468.30	0.71	ppb
Calcium	44-1	462.69	462.71	463.08	462.83	0.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	1.69	2.03	1.94	11.03	ppb
Cobalt	59-2	1.11	0.94	1.13	1.06	10.30	ppb
Copper	63-2	2.18	1.84	2.22	2.08	9.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	58.51	48.59	54.61	53.90	9.28	ppb
Iron	56-2	54.76	45.54	53.92	51.40	9.92	ppb
Iron	57-2	57.74	44.06	55.32	52.38	13.94	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.89	0.90	0.89	0.51	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:43:19 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.92	0.90	0.90	0.91	1.65	ppb
Lead	208-1	0.89	0.89	0.89	0.89	0.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	570.78	484.87	571.93	542.52	9.20	ppb
Manganese	55-2	1.06	0.92	1.14	1.04	10.71	ppb
Molybdenum	94-1	5.31	5.65	5.43	5.47	3.17	ppb
Molybdenum	95-1	4.54	4.69	4.55	4.59	1.79	ppb
Molybdenum	96-1	4.60	4.67	4.67	4.65	0.92	ppb
Molybdenum	97-1	4.70	4.81	4.76	4.76	1.14	ppb
Molybdenum	98-1	4.50	4.66	4.55	4.57	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	0.93	1.18	1.11	14.15	ppb
Phosphorus	31-2	27.37	9.27	16.33	17.66	51.69	ppb
Potassium	39-2	495.40	407.30	484.54	462.41	10.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	4.70	4.98	5.07	4.92	3.86	ppb
Selenium	77-2	3.06	4.39	10.24	5.90	64.75	ppb
Selenium	78-2	4.42	3.76	2.94	3.71	20.08	ppb
Silicon	28-1	1.21	1.36	1.13	1.23	9.43	ppb
Silver	107-1	0.94	0.95	0.93	0.94	1.21	ppb
Silver	109-1	0.96	0.94	0.96	0.95	1.07	ppb
Sodium	23-2	521.04	439.13	528.19	496.12	9.97	ppb
Strontium	86-1	0.84	0.94	0.89	0.89	5.54	ppb
Strontium	88-1	0.88	0.91	0.90	0.90	1.82	ppb
Sulfur	34-1	-503.29	-403.21	-485.35	-463.95		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.90	0.86	0.88	0.88	1.96	ppb
Thallium	205-1	0.86	0.89	0.87	0.87	1.87	ppb
Tin	118-1	4.39	4.35	4.42	4.39	0.81	ppb
Titanium	47-1	4.65	4.92	4.65	4.74	3.25	ppb
Uranium	238-1	0.86	0.86	0.86	0.86	0.11	ppb

LB Number : LB134585 Operator : Jaswal
 Lab Sample ID : P2403-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2025-01-21 15:43:19 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.19	4.47	5.18	4.95	8.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	5.14	4.57	5.43	5.05	8.68	ppb
Zirconium	90-1	0.91	0.93	0.92	0.92	1.00	ppb
Zirconium	91-1	0.91	0.93	0.91	0.92	1.67	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-12 Instrumnet Name : P8
Client Sample ID : MDL-WATER-06-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:46:43 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.81	9.01	8.20	8.01	13.90	ppb
Antimony	121-1	0.38	0.37	0.40	0.38	3.61	ppb
Arsenic	75-2	0.21	0.39	0.44	0.35	35.57	ppb
Barium	135-1	1.92	1.93	1.79	1.88	4.08	ppb
Barium	137-1	1.89	1.94	1.91	1.91	1.32	ppb
Beryllium	9-1	0.36	0.38	0.34	0.36	6.39	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.46	0.46	0.36	0.43	13.81	ppb
Cadmium	106-1	-0.08	-0.93	-0.77	-0.59		ppb
Cadmium	111-1	0.36	0.34	0.36	0.35	4.00	ppb
Calcium	43-1	181.51	189.58	181.96	184.35	2.46	ppb
Calcium	44-1	182.38	186.48	188.29	185.72	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.33	0.46	0.45	0.41	17.07	ppb
Cobalt	59-2	0.37	0.44	0.40	0.40	8.77	ppb
Copper	63-2	0.79	0.86	0.86	0.84	4.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	29.80	34.21	34.02	32.68	7.63	ppb
Iron	56-2	30.82	34.16	34.29	33.09	5.95	ppb
Iron	57-2	33.71	36.32	34.83	34.95	3.75	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.36	0.38	0.36	3.22	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-12 Instrumnet Name : P8
Client Sample ID : MDL-WATER-06-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:46:43 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.38	0.37	0.37	0.37	2.83	ppb
Lead	208-1	0.37	0.36	0.36	0.36	0.29	ppb
Lithium	6-1				101		%
Magnesium	24-2	197.47	219.62	215.76	210.95	5.61	ppb
Manganese	55-2	0.79	0.83	0.91	0.84	7.16	ppb
Molybdenum	94-1	1.00	0.96	1.02	0.99	3.04	ppb
Molybdenum	95-1	0.36	0.38	0.36	0.37	3.84	ppb
Molybdenum	96-1	0.45	0.41	0.45	0.44	5.96	ppb
Molybdenum	97-1	0.35	0.34	0.39	0.36	6.56	ppb
Molybdenum	98-1	0.36	0.38	0.39	0.38	3.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.35	0.41	0.38	7.59	ppb
Phosphorus	31-2	11.93	-5.33	-13.50	-2.30		ppb
Potassium	39-2	105.43	119.88	123.79	116.37	8.31	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	5.30	4.66	4.97	4.98	6.36	ppb
Selenium	77-2	1.79	5.94	11.72	6.49	76.88	ppb
Selenium	78-2	5.43	3.70	4.22	4.45	19.86	ppb
Silicon	28-1	-0.48	-0.39	-0.24	-0.37		ppb
Silver	107-1	0.38	0.40	0.39	0.39	2.63	ppb
Silver	109-1	0.40	0.40	0.39	0.40	0.78	ppb
Sodium	23-2	183.21	206.26	203.52	197.66	6.37	ppb
Strontium	86-1	0.39	0.34	0.37	0.36	6.89	ppb
Strontium	88-1	0.35	0.37	0.36	0.36	2.07	ppb
Sulfur	34-1	-531.34	-460.16	-425.55	-472.35		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.37	0.37	0.37	0.37	0.52	ppb
Thallium	205-1	0.37	0.36	0.37	0.37	0.92	ppb
Tin	118-1	0.39	0.39	0.38	0.39	1.99	ppb
Titanium	47-1	0.35	0.44	0.43	0.40	12.13	ppb
Uranium	238-1	0.35	0.36	0.35	0.35	1.10	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-12 Instrumnet Name : P8
Client Sample ID : MDL-WATER-06-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:46:43 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.34	0.41	0.40	0.38	9.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.99	1.16	1.13	1.09	8.23	ppb
Zirconium	90-1	0.36	0.38	0.37	0.37	2.36	ppb
Zirconium	91-1	0.34	0.35	0.33	0.34	2.31	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2409-02 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT2-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:56:41 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.60	7.83	6.54	7.32	9.35	ppb
Antimony	121-1	0.37	0.39	0.37	0.38	2.38	ppb
Arsenic	75-2	0.30	0.34	0.40	0.35	13.98	ppb
Barium	135-1	1.91	1.84	1.88	1.88	1.84	ppb
Barium	137-1	1.87	1.85	1.86	1.86	0.43	ppb
Beryllium	9-1	0.36	0.36	0.36	0.36	0.80	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.43	0.45	0.35	0.41	12.48	ppb
Cadmium	106-1	-0.69	-0.13	-0.12	-0.31		ppb
Cadmium	111-1	0.33	0.37	0.37	0.36	6.62	ppb
Calcium	43-1	183.48	190.09	187.37	186.98	1.78	ppb
Calcium	44-1	186.26	188.04	186.98	187.09	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.39	0.38	0.36	9.39	ppb
Cobalt	59-2	0.37	0.39	0.37	0.37	3.91	ppb
Copper	63-2	0.85	0.77	0.76	0.80	5.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	31.03	34.40	29.90	31.78	7.36	ppb
Iron	56-2	32.22	32.42	30.94	31.86	2.53	ppb
Iron	57-2	33.89	33.17	33.81	33.62	1.17	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.36	0.36	0.36	3.85	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2409-02 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT2-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:56:41 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.38	0.33	0.36	0.36	8.04	ppb
Lead	208-1	0.35	0.34	0.36	0.35	3.30	ppb
Lithium	6-1				99		%
Magnesium	24-2	216.18	214.52	205.15	211.95	2.81	ppb
Manganese	55-2	0.89	0.79	0.77	0.82	8.01	ppb
Molybdenum	94-1	0.96	0.95	0.98	0.96	1.80	ppb
Molybdenum	95-1	0.38	0.38	0.33	0.36	8.83	ppb
Molybdenum	96-1	0.42	0.42	0.43	0.42	1.30	ppb
Molybdenum	97-1	0.38	0.35	0.36	0.36	3.75	ppb
Molybdenum	98-1	0.36	0.38	0.37	0.37	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.48	0.39	0.43	10.68	ppb
Phosphorus	31-2	-17.61	-10.98	-12.09	-13.56		ppb
Potassium	39-2	117.54	114.04	114.80	115.46	1.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	4.35	4.63	4.79	4.59	4.79	ppb
Selenium	77-2	4.91	5.90	1.89	4.23	49.36	ppb
Selenium	78-2	4.54	3.10	5.18	4.27	24.98	ppb
Silicon	28-1	-0.19	-0.26	-0.37	-0.27		ppb
Silver	107-1	0.36	0.38	0.39	0.38	4.41	ppb
Silver	109-1	0.37	0.39	0.39	0.39	3.11	ppb
Sodium	23-2	202.23	199.64	186.90	196.26	4.18	ppb
Strontium	86-1	0.36	0.36	0.35	0.36	1.32	ppb
Strontium	88-1	0.36	0.35	0.36	0.36	1.09	ppb
Sulfur	34-1	-342.45	-349.96	-354.21	-348.87		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.36	0.35	0.35	0.35	2.20	ppb
Thallium	205-1	0.36	0.34	0.37	0.35	3.48	ppb
Tin	118-1	0.36	0.36	0.37	0.36	1.95	ppb
Titanium	47-1	0.37	0.41	0.37	0.38	6.14	ppb
Uranium	238-1	0.36	0.34	0.35	0.35	2.91	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2409-02 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT2-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:56:41 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.36	0.33	0.38	0.36	6.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	1.16	0.82	1.06	1.02	17.06	ppb
Zirconium	90-1	0.37	0.35	0.36	0.36	2.43	ppb
Zirconium	91-1	0.35	0.35	0.35	0.35	0.91	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2409-04 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT2-2024-04 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:01:03 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.92	7.29	8.13	7.78	5.63	ppb
Antimony	121-1	0.35	0.37	0.39	0.37	5.45	ppb
Arsenic	75-2	0.42	0.34	0.33	0.36	13.98	ppb
Barium	135-1	1.78	1.82	1.86	1.82	2.13	ppb
Barium	137-1	1.83	1.90	1.88	1.87	1.99	ppb
Beryllium	9-1	0.32	0.35	0.35	0.34	5.43	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.30	0.48	0.44	0.41	23.20	ppb
Cadmium	106-1	-0.39	-0.67	0.53	-0.18		ppb
Cadmium	111-1	0.34	0.36	0.38	0.36	5.61	ppb
Calcium	43-1	171.12	187.20	182.70	180.34	4.60	ppb
Calcium	44-1	181.75	186.89	184.50	184.38	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.38	0.32	0.38	0.36	10.54	ppb
Cobalt	59-2	0.41	0.38	0.39	0.39	4.11	ppb
Copper	63-2	0.85	0.74	0.76	0.79	7.47	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				99		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	33.22	33.30	32.18	32.90	1.90	ppb
Iron	56-2	32.18	31.41	31.79	31.79	1.20	ppb
Iron	57-2	32.18	32.49	34.77	33.15	4.28	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.35	0.36	0.35	2.24	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2409-04 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT2-2024-04 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:01:03 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.36	0.35	0.35	0.35	0.91	ppb
Lead	208-1	0.36	0.35	0.35	0.35	1.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	214.40	212.98	212.47	213.29	0.47	ppb
Manganese	55-2	0.75	0.68	0.85	0.76	11.19	ppb
Molybdenum	94-1	0.93	0.96	0.92	0.94	2.29	ppb
Molybdenum	95-1	0.35	0.38	0.35	0.36	4.46	ppb
Molybdenum	96-1	0.42	0.43	0.40	0.42	3.34	ppb
Molybdenum	97-1	0.36	0.37	0.34	0.36	3.12	ppb
Molybdenum	98-1	0.36	0.36	0.35	0.36	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.52	0.37	0.41	25.50	ppb
Phosphorus	31-2	-15.28	-6.26	-4.59	-8.71		ppb
Potassium	39-2	114.57	115.83	119.25	116.55	2.08	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	4.79	4.06	4.39	4.41	8.22	ppb
Selenium	77-2	6.71	3.87	2.91	4.50	43.90	ppb
Selenium	78-2	4.98	3.89	5.34	4.74	15.87	ppb
Silicon	28-1	-0.48	-0.24	-0.46	-0.39		ppb
Silver	107-1	0.37	0.39	0.40	0.38	4.47	ppb
Silver	109-1	0.37	0.38	0.40	0.38	4.05	ppb
Sodium	23-2	196.35	194.58	195.61	195.51	0.45	ppb
Strontium	86-1	0.37	0.34	0.36	0.36	3.48	ppb
Strontium	88-1	0.35	0.36	0.34	0.35	2.73	ppb
Sulfur	34-1	-499.81	-321.13	-390.20	-403.71		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.35	0.35	0.36	0.35	2.35	ppb
Thallium	205-1	0.34	0.36	0.36	0.35	4.15	ppb
Tin	118-1	0.34	0.35	0.38	0.36	5.26	ppb
Titanium	47-1	0.36	0.41	0.38	0.38	6.66	ppb
Uranium	238-1	0.35	0.36	0.35	0.35	0.66	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2409-04 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT2-2024-04 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:01:03 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.41	0.39	0.38	0.40	4.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	1.05	1.02	1.11	1.06	4.58	ppb
Zirconium	90-1	0.35	0.37	0.36	0.36	2.71	ppb
Zirconium	91-1	0.32	0.35	0.35	0.34	4.85	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166403BL Instrumnet Name : P8
Client Sample ID : PBS403 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:16:11 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	0.04	0.52	0.18	163.41	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.03	-0.03	-0.01	-0.02		ppb
Barium	135-1	-0.03	-0.03	-0.03	-0.03		ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	-0.03	0.02	-0.02	-0.01		ppb
Cadmium	106-1	-1.58	-1.30	-1.23	-1.37		ppb
Cadmium	111-1	-0.04	-0.03	-0.03	-0.03		ppb
Calcium	43-1	1.68	1.09	3.56	2.11	60.91	ppb
Calcium	44-1	2.61	2.66	2.44	2.57	4.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.02	0.04	0.01	246.06	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.05	-0.06	-0.07	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	0.33	-0.11	0.07	0.10	228.71	ppb
Iron	56-2	0.10	0.39	0.43	0.31	58.53	ppb
Iron	57-2	1.05	-0.04	0.64	0.55	100.17	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.03	-0.02	-0.02		ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166403BL Instrumnet Name : P8
Client Sample ID : PBS403 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:16:11 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.03	-0.02	-0.03	-0.03		ppb
Lead	208-1	-0.03	-0.03	-0.03	-0.03		ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.12	0.08	0.17	0.04	362.82	ppb
Manganese	55-2	0.01	0.03	0.02	0.02	56.09	ppb
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.08	-0.03		ppb
Phosphorus	31-2	-17.50	-18.64	-18.73	-18.29		ppb
Potassium	39-2	-1.13	-1.71	0.48	-0.79		ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	0.15	0.01	0.07	0.08	87.25	ppb
Selenium	77-2	1.00	0.00	0.00	0.33	173.21	ppb
Selenium	78-2	0.21	-0.38	0.21	0.01	2363.77	ppb
Silicon	28-1	-0.42	-0.55	-0.27	-0.41		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	1.01	1.12	0.22	0.79	62.31	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	26.53	ppb
Sulfur	34-1	-375.28	-551.97	-336.70	-421.32		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.01	0.01	0.01	41.60	ppb
Titanium	47-1	0.02	0.02	0.00	0.01	90.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166403BL Instrumnet Name : P8
Client Sample ID : PBS403 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:16:11 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	0.27	0.18	0.32	0.26	26.56	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	116.80	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:30:38 DataFile Name : 044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47500.07	47479.74	47377.23	47452.35	0.14	ppb
Antimony	121-1	487.19	492.29	484.01	487.83	0.86	ppb
Arsenic	75-2	488.16	482.93	488.81	486.63	0.66	ppb
Barium	135-1	2421.20	2473.41	2445.75	2446.79	1.07	ppb
Barium	137-1	2442.99	2463.36	2419.09	2441.81	0.91	ppb
Beryllium	9-1	484.55	487.22	510.29	494.02	2.86	ppb
Bismuth	209-1				82		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Cadmium	108-1	516.60	517.53	518.09	517.41	0.15	ppb
Cadmium	106-1	509.75	522.39	512.82	514.99	1.28	ppb
Cadmium	111-1	518.05	529.84	514.40	520.76	1.55	ppb
Calcium	43-1	237226.34	241254.51	241613.73	240031.53	1.01	ppb
Calcium	44-1	238695.04	240520.16	243908.68	241041.29	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	461.31	464.24	460.04	461.86	0.47	ppb
Cobalt	59-2	487.98	493.10	493.94	491.67	0.66	ppb
Copper	63-2	4690.71	4728.07	4674.93	4697.90	0.58	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				92		%
Holmium	165-2				91		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	54-2	121038.72	122133.71	121615.81	121596.08	0.45	ppb
Iron	56-2	122438.94	121965.36	121064.58	121822.96	0.57	ppb
Iron	57-2	121336.05	124121.08	123428.92	122962.02	1.18	ppb
Krypton	83-1						cps
Lead	206-1	2459.81	2526.76	2522.15	2502.91	1.49	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:30:38 DataFile Name : 044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2422.73	2569.79	2534.59	2509.04	3.06	ppb
Lead	208-1	2447.13	2554.36	2522.24	2507.91	2.19	ppb
Lithium	6-1				87		%
Magnesium	24-2	258437.30	265673.71	257057.83	260389.61	1.78	ppb
Manganese	55-2	4902.29	4922.09	4933.91	4919.43	0.32	ppb
Molybdenum	94-1	4842.95	4982.14	4891.10	4905.40	1.44	ppb
Molybdenum	95-1	4846.78	4997.47	4894.43	4912.89	1.57	ppb
Molybdenum	96-1	4794.04	5014.50	4947.00	4918.51	2.30	ppb
Molybdenum	97-1	4824.83	4998.11	4950.27	4924.40	1.82	ppb
Molybdenum	98-1	4857.48	4964.97	4876.89	4899.78	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.42	481.25	475.14	477.60	0.68	ppb
Phosphorus	31-2	9867.87	9971.11	9792.16	9877.05	0.91	ppb
Potassium	39-2	119258.58	119349.36	118219.54	118942.49	0.53	ppb
Rhodium	103-1				83		%
Rhodium	103-2				81		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	465.60	479.99	473.56	473.05	1.52	ppb
Selenium	77-2	507.59	473.60	463.05	481.41	4.84	ppb
Selenium	78-2	486.38	486.37	498.21	490.32	1.39	ppb
Silicon	28-1	487.09	482.01	476.93	482.01	1.05	ppb
Silver	107-1	466.34	468.48	458.68	464.50	1.11	ppb
Silver	109-1	466.41	475.02	475.87	472.43	1.11	ppb
Sodium	23-2	243528.77	248066.38	243146.00	244913.72	1.12	ppb
Strontium	86-1	493.21	503.51	495.51	497.41	1.09	ppb
Strontium	88-1	481.80	498.66	502.25	494.24	2.21	ppb
Sulfur	34-1	10033.50	10034.35	9832.84	9966.90	1.16	ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	489.96	507.97	509.81	502.58	2.18	ppb
Thallium	205-1	496.99	495.87	502.49	498.45	0.71	ppb
Tin	118-1	484.80	496.87	486.00	489.22	1.36	ppb
Titanium	47-1	4914.83	4985.80	4939.51	4946.71	0.73	ppb
Uranium	238-1	501.11	527.20	517.50	515.27	2.56	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:30:38 DataFile Name : 044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	483.82	488.68	482.11	484.87	0.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	4750.47	4755.45	4744.26	4750.06	0.12	ppb
Zirconium	90-1	490.60	502.87	493.12	495.53	1.31	ppb
Zirconium	91-1	494.09	513.07	493.67	500.28	2.22	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:34:53 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	0.42	0.26	0.40	31.29	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	11.78	ppb
Arsenic	75-2	-0.01	-0.01	0.03	0.00	2095.22	ppb
Barium	135-1	0.13	0.12	0.12	0.12	5.71	ppb
Barium	137-1	0.13	0.13	0.10	0.12	11.23	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	3.90	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	-0.02	0.04	0.05	0.02	152.20	ppb
Cadmium	106-1	-0.88	-0.27	-0.92	-0.69		ppb
Cadmium	111-1	0.00	0.00	-0.02	0.00		ppb
Calcium	43-1	7.94	5.27	3.89	5.70	36.15	ppb
Calcium	44-1	5.19	4.86	4.40	4.82	8.22	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	2021.90	ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	156.86	ppb
Copper	63-2	-0.01	0.07	0.04	0.03	135.90	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				95		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	1.51	1.99	0.93	1.48	35.90	ppb
Iron	56-2	1.28	1.44	1.20	1.31	9.21	ppb
Iron	57-2	1.87	1.00	1.13	1.33	35.32	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.08	0.09	6.15	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:34:53 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.11	0.08	0.09	0.09	16.22	ppb
Lead	208-1	0.10	0.09	0.09	0.09	6.86	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.86	1.28	0.93	1.02	22.03	ppb
Manganese	55-2	0.09	0.12	0.12	0.11	17.64	ppb
Molybdenum	94-1	0.14	0.07	0.11	0.10	32.58	ppb
Molybdenum	95-1	0.10	0.07	0.07	0.08	23.41	ppb
Molybdenum	96-1	0.11	0.06	0.07	0.08	32.03	ppb
Molybdenum	97-1	0.10	0.08	0.05	0.08	38.16	ppb
Molybdenum	98-1	0.11	0.07	0.07	0.08	23.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.00	-0.14	-0.06		ppb
Phosphorus	31-2	-6.91	-14.53	-19.94	-13.79		ppb
Potassium	39-2	6.60	8.18	7.03	7.27	11.20	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	0.33	-0.10	0.45	0.22	129.27	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.09	0.49	0.50	0.30	111.22	ppb
Silicon	28-1	-0.27	-0.15	-0.24	-0.22		ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.89	ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.32	ppb
Sodium	23-2	19.98	20.92	19.33	20.08	3.99	ppb
Strontium	86-1	0.00	0.00	0.01	0.01	77.59	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	11.26	ppb
Sulfur	34-1	-552.92	-497.79	-516.71	-522.47		ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.03	0.02	0.02	22.34	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.75	ppb
Tin	118-1	0.03	0.03	0.03	0.03	8.79	ppb
Titanium	47-1	0.05	0.02	0.07	0.05	47.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	63.09	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:34:53 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.00	0.00	329.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	0.30	0.35	0.20	0.28	25.59	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	3.41	ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	86.26	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166403BS Instrumnet Name : P8
Client Sample ID : LCS403 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:41:42 DataFile Name : 046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.17	35.28	33.59	35.35	5.07	ppb
Antimony	121-1	3.68	3.64	3.61	3.64	0.91	ppb
Arsenic	75-2	2.30	1.45	1.83	1.86	22.88	ppb
Barium	135-1	18.27	18.15	18.23	18.22	0.34	ppb
Barium	137-1	18.57	18.13	18.62	18.44	1.45	ppb
Beryllium	9-1	1.85	1.86	1.89	1.87	1.27	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	1.88	1.89	2.02	1.93	3.94	ppb
Cadmium	106-1	0.44	0.95	0.42	0.60	49.36	ppb
Cadmium	111-1	1.92	1.88	1.87	1.89	1.51	ppb
Calcium	43-1	892.14	900.94	889.18	894.09	0.68	ppb
Calcium	44-1	898.19	889.65	900.13	895.99	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.65	3.43	3.39	3.49	3.94	ppb
Cobalt	59-2	1.91	1.94	1.85	1.90	2.55	ppb
Copper	63-2	4.29	4.31	4.21	4.27	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	54-2	381.72	386.42	376.49	381.54	1.30	ppb
Iron	56-2	382.79	381.71	375.34	379.95	1.06	ppb
Iron	57-2	381.39	377.20	376.79	378.46	0.67	ppb
Krypton	83-1						cps
Lead	206-1	1.93	1.86	1.87	1.89	1.87	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166403BS Instrumnet Name : P8
Client Sample ID : LCS403 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:41:42 DataFile Name : 046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.88	1.88	1.89	1.88	0.55	ppb
Lead	208-1	1.89	1.86	1.89	1.88	0.74	ppb
Lithium	6-1				96		%
Magnesium	24-2	943.14	951.78	944.38	946.43	0.49	ppb
Manganese	55-2	2.01	1.92	1.87	1.93	3.60	ppb
Molybdenum	94-1	10.46	10.42	10.49	10.46	0.35	ppb
Molybdenum	95-1	8.91	8.74	8.79	8.81	0.97	ppb
Molybdenum	96-1	9.15	8.95	9.09	9.06	1.14	ppb
Molybdenum	97-1	9.15	8.79	8.78	8.91	2.34	ppb
Molybdenum	98-1	8.90	8.75	8.77	8.81	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	2.08	1.96	2.04	3.60	ppb
Phosphorus	31-2	33.65	36.18	45.82	38.55	16.65	ppb
Potassium	39-2	892.74	887.20	877.14	885.69	0.89	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	9.05	9.43	9.61	9.37	3.04	ppb
Selenium	77-2	8.79	5.87	4.88	6.51	31.25	ppb
Selenium	78-2	7.96	11.14	8.52	9.21	18.44	ppb
Silicon	28-1	6.16	6.07	6.22	6.15	1.21	ppb
Silver	107-1	1.80	1.81	1.85	1.82	1.34	ppb
Silver	109-1	1.87	1.86	1.88	1.87	0.62	ppb
Sodium	23-2	916.46	922.51	911.98	916.98	0.58	ppb
Strontium	86-1	1.77	1.69	1.70	1.72	2.58	ppb
Strontium	88-1	1.73	1.69	1.73	1.72	1.46	ppb
Sulfur	34-1	-653.54	-662.46	-718.27	-678.09		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	1.76	1.76	1.80	1.77	1.28	ppb
Thallium	205-1	1.81	1.75	1.79	1.78	1.68	ppb
Tin	118-1	8.49	8.26	8.44	8.40	1.48	ppb
Titanium	47-1	9.91	10.13	10.07	10.04	1.10	ppb
Uranium	238-1	1.74	1.69	1.74	1.72	1.76	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166403BS Instrumnet Name : P8
Client Sample ID : LCS403 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:41:42 DataFile Name : 046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	9.31	9.45	9.16	9.31	1.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	9.64	9.82	9.81	9.76	1.04	ppb
Zirconium	90-1	1.78	1.78	1.80	1.79	0.70	ppb
Zirconium	91-1	1.76	1.72	1.76	1.75	1.57	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166404BL Instrumnet Name : P8
Client Sample ID : PBW404 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:45:04 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.20	-0.08	0.01	3099.22	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	38.30	ppb
Arsenic	75-2	0.05	0.00	-0.03	0.01	573.99	ppb
Barium	135-1	0.01	0.02	-0.01	0.01	249.95	ppb
Barium	137-1	0.01	0.01	0.01	0.01	21.22	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.06	-0.02	0.02	0.02	215.81	ppb
Cadmium	106-1	-0.82	-1.14	-0.70	-0.89		ppb
Cadmium	111-1	-0.02	-0.03	-0.02	-0.02		ppb
Calcium	43-1	5.06	2.07	1.93	3.02	58.49	ppb
Calcium	44-1	2.63	1.96	2.50	2.36	15.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	-0.02	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	-0.03	-0.09	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	0.16	0.40	0.59	0.38	55.07	ppb
Iron	56-2	0.80	0.54	0.42	0.58	33.14	ppb
Iron	57-2	1.20	-0.18	1.19	0.74	107.44	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.03	0.03	38.36	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166404BL Instrumnet Name : P8
Client Sample ID : PBW404 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:45:04 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.00	0.00	0.01	94.50	ppb
Lead	208-1	0.02	0.01	0.01	0.01	38.26	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.08	-0.20	-0.49	-0.20		ppb
Manganese	55-2	0.07	0.09	0.04	0.06	37.68	ppb
Molybdenum	94-1	0.01	0.01	0.01	0.01	36.82	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	53.66	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	33.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	-0.04	0.00	1110.59	ppb
Phosphorus	31-2	-19.70	-18.69	-18.99	-19.13		ppb
Potassium	39-2	1.73	3.59	0.80	2.04	69.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	0.28	0.30	-0.17	0.13	197.69	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.08	-0.09	0.47	0.10	318.40	ppb
Silicon	28-1	-0.53	-0.94	-0.51	-0.66		ppb
Silver	107-1	0.02	0.01	0.01	0.01	45.24	ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.06	ppb
Sodium	23-2	10.84	7.95	7.26	8.68	21.87	ppb
Strontium	86-1	-0.01	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	46.03	ppb
Sulfur	34-1	-918.90	-1222.77	-899.25	-1013.64		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.01	0.01	0.01	14.51	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	42.96	ppb
Tin	118-1	0.02	0.09	0.01	0.04	98.70	ppb
Titanium	47-1	-0.01	0.01	0.00	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166404BL Instrumnet Name : P8
Client Sample ID : PBW404 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:45:04 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	0.26	0.30	0.26	0.27	8.56	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	39.31	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	180.69	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166404BS Instrumnet Name : P8
Client Sample ID : LCS404 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:48:25 DataFile Name : 048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.75	39.30	42.33	39.79	5.86	ppb
Antimony	121-1	3.94	4.00	4.00	3.98	0.85	ppb
Arsenic	75-2	2.29	2.03	1.89	2.07	9.88	ppb
Barium	135-1	19.56	20.30	20.16	20.01	1.95	ppb
Barium	137-1	19.90	20.10	20.17	20.06	0.70	ppb
Beryllium	9-1	2.04	1.94	1.98	1.99	2.60	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	1.89	1.86	2.18	1.98	8.81	ppb
Cadmium	106-1	0.14	1.15	0.50	0.60	85.60	ppb
Cadmium	111-1	2.07	2.00	1.92	2.00	3.58	ppb
Calcium	43-1	952.87	955.10	955.72	954.56	0.16	ppb
Calcium	44-1	950.17	976.24	979.78	968.73	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.89	3.83	3.88	3.87	0.74	ppb
Cobalt	59-2	2.07	2.21	2.16	2.15	3.23	ppb
Copper	63-2	4.81	4.58	4.86	4.75	3.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				91		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	54-2	416.39	409.02	434.42	419.95	3.11	ppb
Iron	56-2	419.22	421.52	429.15	423.30	1.23	ppb
Iron	57-2	418.33	418.81	428.91	422.02	1.42	ppb
Krypton	83-1						cps
Lead	206-1	1.96	1.97	2.07	2.00	3.08	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166404BS Instrumnet Name : P8
Client Sample ID : LCS404 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:48:25 DataFile Name : 048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.99	2.05	2.05	2.03	1.78	ppb
Lead	208-1	1.95	2.00	2.04	2.00	2.22	ppb
Lithium	6-1				92		%
Magnesium	24-2	1050.61	1047.95	1076.35	1058.30	1.48	ppb
Manganese	55-2	2.25	2.13	2.20	2.19	2.71	ppb
Molybdenum	94-1	11.54	11.56	11.54	11.55	0.11	ppb
Molybdenum	95-1	9.54	9.58	9.71	9.61	0.92	ppb
Molybdenum	96-1	9.72	9.82	9.94	9.82	1.11	ppb
Molybdenum	97-1	9.72	9.72	9.65	9.70	0.41	ppb
Molybdenum	98-1	9.57	9.67	9.79	9.68	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.24	2.19	2.52	2.31	7.79	ppb
Phosphorus	31-2	24.91	33.70	49.65	36.08	34.75	ppb
Potassium	39-2	967.96	968.84	1013.50	983.43	2.65	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	82-1	10.90	10.59	10.95	10.81	1.76	ppb
Selenium	77-2	17.93	20.05	10.45	16.14	31.24	ppb
Selenium	78-2	9.30	12.05	11.31	10.89	13.08	ppb
Silicon	28-1	6.69	6.89	7.29	6.96	4.36	ppb
Silver	107-1	2.01	2.00	2.05	2.02	1.36	ppb
Silver	109-1	1.97	2.02	2.06	2.01	2.15	ppb
Sodium	23-2	1016.64	1016.26	1035.39	1022.76	1.07	ppb
Strontium	86-1	1.83	1.86	1.90	1.86	1.89	ppb
Strontium	88-1	1.89	1.89	1.89	1.89	0.17	ppb
Sulfur	34-1	-758.50	-542.01	-427.84	-576.12		ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	1.89	1.86	1.92	1.89	1.67	ppb
Thallium	205-1	1.93	1.88	1.93	1.91	1.40	ppb
Tin	118-1	9.08	9.17	9.16	9.14	0.53	ppb
Titanium	47-1	10.18	10.21	10.40	10.26	1.16	ppb
Uranium	238-1	1.83	1.85	1.86	1.85	0.77	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166404BS Instrumnet Name : P8
Client Sample ID : LCS404 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:48:25 DataFile Name : 048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.40	10.50	10.63	10.51	1.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	10.96	10.62	10.99	10.86	1.90	ppb
Zirconium	90-1	1.95	2.00	1.98	1.97	1.34	ppb
Zirconium	91-1	1.88	1.97	1.99	1.95	3.03	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166405BL Instrumnet Name : P8
Client Sample ID : PBS405 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:51:48 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	0.56	0.61	0.54	15.15	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	50.90	ppb
Arsenic	75-2	-0.03	0.00	-0.01	-0.01		ppb
Barium	135-1	0.01	-0.01	0.00	0.00	338.02	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.06	0.01	0.04	73.89	ppb
Cadmium	106-1	-1.11	-0.72	-1.14	-0.99		ppb
Cadmium	111-1	-0.03	-0.02	-0.03	-0.03		ppb
Calcium	43-1	3.44	3.87	2.93	3.42	13.80	ppb
Calcium	44-1	2.24	2.75	2.72	2.57	11.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.04	0.02	0.00	1370.85	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	-0.03	-0.05	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	0.72	-0.14	0.44	0.34	127.91	ppb
Iron	56-2	0.30	0.31	0.44	0.35	22.71	ppb
Iron	57-2	0.35	0.55	1.05	0.65	55.33	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.01	0.01	132.01	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166405BL Instrumnet Name : P8
Client Sample ID : PBS405 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:51:48 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	-0.01	0.00	0.00	2441.45	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	569.78	ppb
Lithium	6-1				97		%
Magnesium	24-2	-0.48	-0.51	-0.26	-0.42		ppb
Manganese	55-2	0.04	0.14	0.04	0.07	74.48	ppb
Molybdenum	94-1	0.01	0.02	0.00	0.01	77.28	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.01	114.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.07	-0.01	-0.04		ppb
Phosphorus	31-2	-18.86	-13.53	-13.54	-15.31		ppb
Potassium	39-2	-0.54	-0.53	1.20	0.04	2362.00	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	0.34	-0.05	0.26	0.18	113.68	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.38	1.04	0.50	0.39	184.50	ppb
Silicon	28-1	-0.51	-0.40	-0.44	-0.45		ppb
Silver	107-1	0.01	0.01	0.01	0.01	32.28	ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.67	ppb
Sodium	23-2	7.12	6.14	6.23	6.50	8.39	ppb
Strontium	86-1	0.01	0.01	0.01	0.01	3.86	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	36.71	ppb
Sulfur	34-1	-812.74	-647.68	-700.04	-720.15		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.01	0.01	0.01	36.91	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	36.32	ppb
Tin	118-1	0.02	0.03	0.01	0.02	52.32	ppb
Titanium	47-1	-0.01	0.01	0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166405BL Instrumnet Name : P8
Client Sample ID : PBS405 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:51:48 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	0.12	0.27	0.26	0.21	39.44	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	341.91	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	127.23	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166405BS Instrumnet Name : P8
Client Sample ID : LCS405 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:55:09 DataFile Name : 050LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9155.95	9131.97	9075.70	9121.21	0.45	ppb
Antimony	121-1	493.48	512.54	506.37	504.13	1.93	ppb
Arsenic	75-2	510.34	505.16	513.09	509.53	0.79	ppb
Barium	135-1	2417.27	2519.93	2498.31	2478.50	2.18	ppb
Barium	137-1	2472.95	2545.91	2508.93	2509.26	1.45	ppb
Beryllium	9-1	502.15	495.50	495.99	497.88	0.74	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	511.60	517.76	505.66	511.67	1.18	ppb
Cadmium	106-1	502.25	516.54	508.14	508.98	1.41	ppb
Cadmium	111-1	508.57	527.31	518.28	518.05	1.81	ppb
Calcium	43-1	48274.59	48233.18	48350.46	48286.08	0.12	ppb
Calcium	44-1	48478.74	48237.51	48362.90	48359.72	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.17	516.15	507.17	513.16	1.01	ppb
Cobalt	59-2	515.93	514.37	510.71	513.67	0.52	ppb
Copper	63-2	5192.08	5156.87	5154.01	5167.65	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	25252.10	25749.41	25618.68	25540.06	1.01	ppb
Iron	56-2	25418.01	25484.77	25068.89	25323.89	0.88	ppb
Iron	57-2	24292.73	24470.62	24144.81	24302.72	0.67	ppb
Krypton	83-1						cps
Lead	206-1	2465.90	2529.40	2502.11	2499.14	1.27	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166405BS Instrumnet Name : P8
Client Sample ID : LCS405 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:55:09 DataFile Name : 050LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2475.07	2552.10	2511.84	2513.00	1.53	ppb
Lead	208-1	2484.23	2542.89	2515.49	2514.20	1.17	ppb
Lithium	6-1				94		%
Magnesium	24-2	53867.89	53098.57	52822.78	53263.08	1.02	ppb
Manganese	55-2	5133.85	5169.96	5125.65	5143.15	0.46	ppb
Molybdenum	94-1	4913.14	4981.43	5007.81	4967.46	0.98	ppb
Molybdenum	95-1	4874.62	4987.53	5020.24	4960.79	1.54	ppb
Molybdenum	96-1	4877.68	5054.81	4968.67	4967.05	1.78	ppb
Molybdenum	97-1	4929.09	5009.32	4962.08	4966.83	0.81	ppb
Molybdenum	98-1	4896.78	5011.76	4984.05	4964.19	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.11	522.98	518.16	519.75	0.54	ppb
Phosphorus	31-2	10049.01	9949.17	10076.80	10024.99	0.67	ppb
Potassium	39-2	24175.75	24008.47	24156.05	24113.42	0.38	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	486.90	507.86	505.44	500.07	2.29	ppb
Selenium	77-2	477.30	529.01	512.45	506.26	5.22	ppb
Selenium	78-2	509.82	503.83	529.20	514.28	2.58	ppb
Silicon	28-1	556.11	555.32	556.50	555.98	0.11	ppb
Silver	107-1	506.65	513.30	504.55	508.17	0.90	ppb
Silver	109-1	508.36	521.72	507.00	512.36	1.59	ppb
Sodium	23-2	49953.19	50231.69	49037.29	49740.72	1.26	ppb
Strontium	86-1	502.00	513.78	504.98	506.92	1.21	ppb
Strontium	88-1	490.88	507.26	499.08	499.07	1.64	ppb
Sulfur	34-1	9950.21	9466.20	9575.63	9664.01	2.63	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	501.15	511.55	495.76	502.82	1.60	ppb
Thallium	205-1	496.79	500.63	491.14	496.19	0.96	ppb
Tin	118-1	500.39	513.80	500.29	504.83	1.54	ppb
Titanium	47-1	4990.31	5006.04	5023.12	5006.49	0.33	ppb
Uranium	238-1	486.96	496.73	487.86	490.52	1.10	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166405BS Instrumnet Name : P8
Client Sample ID : LCS405 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:55:09 DataFile Name : 050LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	492.45	495.18	491.62	493.08	0.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	5227.40	5226.48	5090.09	5181.33	1.53	ppb
Zirconium	90-1	495.30	503.13	498.02	498.81	0.80	ppb
Zirconium	91-1	498.68	500.21	497.51	498.80	0.27	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166406BL Instrumnet Name : P8
Client Sample ID : PBW406 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:57:56 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.54	1.11	0.69	0.78	38.22	ppb
Antimony	121-1	0.10	0.09	0.08	0.09	9.58	ppb
Arsenic	75-2	0.01	0.03	0.01	0.02	42.74	ppb
Barium	135-1	0.21	0.18	0.20	0.20	7.72	ppb
Barium	137-1	0.22	0.20	0.20	0.21	6.17	ppb
Beryllium	9-1	0.07	0.07	0.06	0.07	8.46	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.09	0.07	0.02	0.06	62.36	ppb
Cadmium	106-1	-1.30	-0.04	-1.39	-0.91		ppb
Cadmium	111-1	0.01	0.03	0.01	0.02	93.10	ppb
Calcium	43-1	5.87	4.07	5.46	5.14	18.37	ppb
Calcium	44-1	4.57	4.31	4.18	4.35	4.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.05	0.00	0.01	540.13	ppb
Cobalt	59-2	0.02	0.01	0.03	0.02	44.73	ppb
Copper	63-2	0.20	0.19	0.13	0.17	21.90	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				98		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	1.61	1.68	1.46	1.58	7.10	ppb
Iron	56-2	1.25	1.25	1.04	1.18	10.11	ppb
Iron	57-2	0.92	1.42	1.29	1.21	21.42	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.14	0.12	0.14	15.98	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166406BL Instrumnet Name : P8
Client Sample ID : PBW406 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:57:56 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.16	0.13	0.12	0.14	14.82	ppb
Lead	208-1	0.16	0.14	0.12	0.14	14.18	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.90	1.56	0.95	1.14	32.26	ppb
Manganese	55-2	0.37	0.48	0.31	0.39	21.66	ppb
Molybdenum	94-1	0.28	0.26	0.22	0.25	12.09	ppb
Molybdenum	95-1	0.29	0.23	0.23	0.25	13.45	ppb
Molybdenum	96-1	0.28	0.25	0.24	0.26	8.07	ppb
Molybdenum	97-1	0.25	0.26	0.23	0.25	6.03	ppb
Molybdenum	98-1	0.29	0.26	0.22	0.26	14.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	0.05	-0.04	-0.04		ppb
Phosphorus	31-2	-12.54	-22.96	-17.79	-17.76		ppb
Potassium	39-2	2.22	1.24	1.77	1.74	28.27	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.29	0.15	0.09	0.18	57.69	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.48	0.20	0.19	0.29	56.91	ppb
Silicon	28-1	0.22	0.09	-0.02	0.10	127.80	ppb
Silver	107-1	0.06	0.06	0.05	0.05	10.29	ppb
Silver	109-1	0.06	0.05	0.05	0.05	13.71	ppb
Sodium	23-2	10.79	10.71	10.57	10.69	1.06	ppb
Strontium	86-1	0.01	0.01	0.01	0.01	11.06	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	25.21	ppb
Sulfur	34-1	-917.49	-911.25	-861.10	-896.61		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.04	0.03	0.04	21.95	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	1.62	ppb
Tin	118-1	0.05	0.05	0.05	0.05	7.06	ppb
Titanium	47-1	0.21	0.21	0.19	0.20	6.33	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	15.94	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166406BL Instrumnet Name : P8
Client Sample ID : PBW406 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:57:56 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.02	0.01	42.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	0.62	0.67	0.44	0.58	20.83	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	9.45	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	13.94	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166406BS Instrumnet Name : P8
Client Sample ID : LCS406 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:01:18 DataFile Name : 052LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9172.59	9109.37	9043.51	9108.49	0.71	ppb
Antimony	121-1	506.42	506.45	504.71	505.86	0.20	ppb
Arsenic	75-2	524.46	519.56	504.63	516.21	2.00	ppb
Barium	135-1	2495.19	2507.49	2474.16	2492.28	0.68	ppb
Barium	137-1	2550.63	2544.32	2500.34	2531.77	1.08	ppb
Beryllium	9-1	478.34	490.55	491.93	486.94	1.54	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	515.80	515.41	506.71	512.64	1.00	ppb
Cadmium	106-1	505.68	512.07	510.84	509.53	0.67	ppb
Cadmium	111-1	520.96	522.56	520.30	521.27	0.22	ppb
Calcium	43-1	48470.26	47893.19	47850.80	48071.42	0.72	ppb
Calcium	44-1	47921.99	47857.68	48236.43	48005.37	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	520.92	502.78	509.01	510.90	1.80	ppb
Cobalt	59-2	527.47	515.56	516.06	519.70	1.30	ppb
Copper	63-2	5255.62	5116.65	5126.39	5166.22	1.50	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				97		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	25655.06	25200.56	25576.64	25477.42	0.95	ppb
Iron	56-2	25263.65	24982.51	24961.22	25069.13	0.67	ppb
Iron	57-2	24436.22	23947.80	24148.23	24177.42	1.02	ppb
Krypton	83-1						cps
Lead	206-1	2480.21	2449.88	2434.59	2454.89	0.95	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166406BS Instrumnet Name : P8
Client Sample ID : LCS406 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:01:18 DataFile Name : 052LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2440.19	2455.91	2453.77	2449.95	0.35	ppb
Lead	208-1	2450.87	2461.33	2448.83	2453.68	0.27	ppb
Lithium	6-1				97		%
Magnesium	24-2	54073.62	52899.54	52392.50	53121.89	1.62	ppb
Manganese	55-2	5183.44	5121.80	5053.53	5119.59	1.27	ppb
Molybdenum	94-1	5004.32	4966.99	4948.19	4973.16	0.57	ppb
Molybdenum	95-1	4951.72	4987.34	4959.12	4966.06	0.38	ppb
Molybdenum	96-1	4969.49	4980.80	4951.81	4967.37	0.29	ppb
Molybdenum	97-1	4894.82	4968.81	4941.86	4935.16	0.76	ppb
Molybdenum	98-1	4927.96	4938.74	4896.67	4921.12	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.52	516.87	517.95	519.78	0.80	ppb
Phosphorus	31-2	9933.35	10278.27	10071.90	10094.51	1.72	ppb
Potassium	39-2	24117.02	24388.12	23785.12	24096.75	1.25	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	507.68	498.04	496.66	500.79	1.20	ppb
Selenium	77-2	500.56	488.16	527.74	505.49	4.01	ppb
Selenium	78-2	516.09	502.59	497.04	505.24	1.94	ppb
Silicon	28-1	513.87	507.94	504.22	508.68	0.96	ppb
Silver	107-1	516.13	509.54	501.42	509.03	1.45	ppb
Silver	109-1	513.74	514.96	516.59	515.10	0.28	ppb
Sodium	23-2	50975.77	49286.41	49084.62	49782.27	2.09	ppb
Strontium	86-1	496.62	500.56	501.76	499.65	0.54	ppb
Strontium	88-1	501.26	504.32	490.74	498.77	1.43	ppb
Sulfur	34-1	9748.42	9674.75	9480.10	9634.42	1.44	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	488.55	493.34	485.64	489.18	0.80	ppb
Thallium	205-1	485.86	487.92	484.74	486.17	0.33	ppb
Tin	118-1	506.51	504.43	506.49	505.81	0.24	ppb
Titanium	47-1	4969.29	4948.60	4923.96	4947.29	0.46	ppb
Uranium	238-1	472.18	487.52	482.89	480.86	1.64	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166406BS Instrumnet Name : P8
Client Sample ID : LCS406 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:01:18 DataFile Name : 052LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	499.21	492.84	491.17	494.41	0.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	5320.40	5170.43	5177.84	5222.89	1.62	ppb
Zirconium	90-1	502.82	501.94	490.83	498.53	1.34	ppb
Zirconium	91-1	496.96	509.00	491.74	499.23	1.77	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166407BL Instrumnet Name : P8
Client Sample ID : PBW407 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:04:05 DataFile Name : 053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	0.83	0.34	0.43	87.81	ppb
Antimony	121-1	0.11	0.10	0.08	0.10	15.41	ppb
Arsenic	75-2	-0.03	0.04	0.02	0.01	321.28	ppb
Barium	135-1	0.32	0.27	0.23	0.27	16.61	ppb
Barium	137-1	0.35	0.28	0.24	0.29	19.23	ppb
Beryllium	9-1	0.12	0.10	0.08	0.10	16.95	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.10	0.17	0.07	0.11	45.05	ppb
Cadmium	106-1	-1.22	-1.03	-1.44	-1.23		ppb
Cadmium	111-1	0.02	0.01	-0.01	0.00	393.36	ppb
Calcium	43-1	8.24	5.53	5.93	6.57	22.24	ppb
Calcium	44-1	6.26	4.67	4.50	5.14	18.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	-0.04	0.10	0.03	201.07	ppb
Cobalt	59-2	0.01	0.02	0.02	0.01	57.25	ppb
Copper	63-2	0.10	0.06	0.16	0.11	45.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	0.44	0.57	1.42	0.81	66.31	ppb
Iron	56-2	0.61	0.51	1.04	0.72	38.69	ppb
Iron	57-2	0.60	0.45	1.42	0.82	63.49	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.21	0.16	0.21	22.00	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166407BL Instrumnet Name : P8
Client Sample ID : PBW407 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:04:05 DataFile Name : 053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.26	0.17	0.15	0.19	29.59	ppb
Lead	208-1	0.26	0.19	0.15	0.20	26.95	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.18	0.19	-0.06	0.10	137.32	ppb
Manganese	55-2	0.33	0.28	0.38	0.33	16.47	ppb
Molybdenum	94-1	0.41	0.28	0.25	0.31	27.15	ppb
Molybdenum	95-1	0.38	0.30	0.23	0.30	24.87	ppb
Molybdenum	96-1	0.43	0.30	0.24	0.32	29.57	ppb
Molybdenum	97-1	0.42	0.28	0.23	0.31	32.14	ppb
Molybdenum	98-1	0.39	0.28	0.24	0.30	26.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	0.08	0.02	349.26	ppb
Phosphorus	31-2	-24.45	-21.78	-21.91	-22.71		ppb
Potassium	39-2	3.00	0.45	6.33	3.26	90.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	0.06	-0.05	0.32	0.11	168.70	ppb
Selenium	77-2	0.94	0.00	0.00	0.31	173.21	ppb
Selenium	78-2	-0.38	0.19	0.25	0.02	1831.84	ppb
Silicon	28-1	0.48	0.21	0.04	0.24	89.69	ppb
Silver	107-1	0.08	0.06	0.04	0.06	25.47	ppb
Silver	109-1	0.08	0.05	0.05	0.06	28.67	ppb
Sodium	23-2	10.43	10.71	15.78	12.30	24.47	ppb
Strontium	86-1	0.03	0.02	0.02	0.02	25.85	ppb
Strontium	88-1	0.04	0.02	0.02	0.03	33.33	ppb
Sulfur	34-1	-832.90	-906.16	-840.73	-859.93		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.05	0.05	0.04	0.05	17.96	ppb
Thallium	205-1	0.05	0.05	0.04	0.04	14.91	ppb
Tin	118-1	0.09	0.05	0.05	0.06	33.83	ppb
Titanium	47-1	0.34	0.20	0.16	0.24	40.78	ppb
Uranium	238-1	0.03	0.02	0.01	0.02	37.66	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166407BL Instrumnet Name : P8
Client Sample ID : PBW407 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:04:05 DataFile Name : 053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.00	0.00	48.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	0.28	0.52	0.39	0.40	31.34	ppb
Zirconium	90-1	0.04	0.02	0.02	0.03	42.87	ppb
Zirconium	91-1	0.05	0.03	0.03	0.04	35.83	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166407BS Instrumnet Name : P8
Client Sample ID : LCS407 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:07:27 DataFile Name : 054LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9218.83	9125.45	9168.32	9170.87	0.51	ppb
Antimony	121-1	535.00	530.41	517.15	527.52	1.76	ppb
Arsenic	75-2	505.85	507.03	528.49	513.79	2.48	ppb
Barium	135-1	2645.84	2622.43	2549.63	2605.97	1.93	ppb
Barium	137-1	2607.16	2642.43	2598.74	2616.11	0.89	ppb
Beryllium	9-1	511.93	511.89	504.25	509.36	0.87	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	533.27	534.81	524.65	530.91	1.03	ppb
Cadmium	106-1	536.76	530.35	521.51	529.54	1.45	ppb
Cadmium	111-1	533.09	545.36	528.75	535.73	1.61	ppb
Calcium	43-1	50780.02	50560.17	49001.26	50113.82	1.94	ppb
Calcium	44-1	50625.55	50472.46	49286.18	50128.06	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523.59	519.83	516.37	519.93	0.69	ppb
Cobalt	59-2	527.08	535.75	530.10	530.98	0.83	ppb
Copper	63-2	5270.54	5210.27	5177.37	5219.39	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	54-2	26327.18	25966.90	25912.31	26068.79	0.86	ppb
Iron	56-2	25471.83	25751.27	25473.52	25565.54	0.63	ppb
Iron	57-2	25979.28	26058.54	24425.57	25487.79	3.61	ppb
Krypton	83-1						cps
Lead	206-1	2637.64	2553.08	2565.95	2585.56	1.76	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166407BS Instrumnet Name : P8
Client Sample ID : LCS407 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:07:27 DataFile Name : 054LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2676.42	2569.29	2550.83	2598.85	2.61	ppb
Lead	208-1	2659.14	2557.08	2562.11	2592.78	2.22	ppb
Lithium	6-1				91		%
Magnesium	24-2	53551.13	53088.69	53656.32	53432.05	0.57	ppb
Manganese	55-2	5202.54	5206.15	5191.06	5199.92	0.15	ppb
Molybdenum	94-1	5079.46	5214.52	5107.14	5133.71	1.39	ppb
Molybdenum	95-1	5093.00	5126.83	5040.57	5086.80	0.85	ppb
Molybdenum	96-1	5109.30	5134.82	5094.01	5112.71	0.40	ppb
Molybdenum	97-1	5171.96	5159.86	5098.09	5143.30	0.77	ppb
Molybdenum	98-1	5063.38	5175.54	5082.68	5107.20	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.97	523.61	527.49	525.02	0.41	ppb
Phosphorus	31-2	10078.56	10178.39	10383.73	10213.56	1.52	ppb
Potassium	39-2	24484.65	24321.56	23933.67	24246.63	1.17	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	510.31	518.26	505.86	511.48	1.23	ppb
Selenium	77-2	539.28	479.74	532.03	517.02	6.28	ppb
Selenium	78-2	505.78	499.30	528.82	511.30	3.03	ppb
Silicon	28-1	515.06	510.05	496.29	507.13	1.92	ppb
Silver	107-1	537.90	530.93	522.65	530.49	1.44	ppb
Silver	109-1	540.04	528.85	525.58	531.49	1.43	ppb
Sodium	23-2	50288.85	49558.60	50111.62	49986.36	0.76	ppb
Strontium	86-1	515.01	530.25	501.42	515.56	2.80	ppb
Strontium	88-1	513.48	519.82	509.05	514.12	1.05	ppb
Sulfur	34-1	10437.50	10055.67	9518.24	10003.80	4.62	ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	520.09	510.50	511.08	513.89	1.05	ppb
Thallium	205-1	525.97	507.21	510.64	514.61	1.94	ppb
Tin	118-1	539.20	522.52	526.22	529.31	1.65	ppb
Titanium	47-1	5251.56	5168.70	5088.92	5169.73	1.57	ppb
Uranium	238-1	513.61	500.88	502.78	505.76	1.36	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166407BS Instrumnet Name : P8
Client Sample ID : LCS407 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:07:27 DataFile Name : 054LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	499.14	495.11	498.84	497.70	0.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	5296.92	5264.23	5338.12	5299.75	0.70	ppb
Zirconium	90-1	506.75	523.04	506.80	512.20	1.83	ppb
Zirconium	91-1	520.09	517.76	511.67	516.51	0.84	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV003 Instrumnet Name : P8
Client Sample ID : CCV003 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:10:51 DataFile Name : 055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45572.33	47723.13	47461.79	46919.08	2.50	ppb
Antimony	121-1	520.01	491.41	486.43	499.28	3.63	ppb
Arsenic	75-2	463.08	490.63	469.58	474.43	3.04	ppb
Barium	135-1	2601.92	2477.80	2428.22	2502.65	3.58	ppb
Barium	137-1	2604.03	2513.03	2404.60	2507.22	3.98	ppb
Beryllium	9-1	513.98	494.55	500.57	503.03	1.98	ppb
Bismuth	209-1				82		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Cadmium	108-1	546.90	522.39	513.79	527.70	3.26	ppb
Cadmium	106-1	545.16	525.74	515.09	528.66	2.88	ppb
Cadmium	111-1	553.78	533.09	516.78	534.55	3.47	ppb
Calcium	43-1	260767.09	244697.35	243484.93	249649.79	3.86	ppb
Calcium	44-1	260590.15	246181.02	247777.04	251516.07	3.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	453.37	464.02	464.81	460.74	1.39	ppb
Cobalt	59-2	477.73	491.34	483.88	484.32	1.41	ppb
Copper	63-2	4596.24	4710.55	4694.35	4667.05	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				93		%
Indium	115-1				84		%
Indium	115-2				87		%
Iron	54-2	119127.02	122864.63	122885.08	121625.57	1.78	ppb
Iron	56-2	119420.55	123421.64	123277.55	122039.92	1.86	ppb
Iron	57-2	120191.39	125363.64	123591.61	123048.88	2.14	ppb
Krypton	83-1						cps
Lead	206-1	2632.81	2580.17	2472.07	2561.68	3.20	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV003 Instrumnet Name : P8
Client Sample ID : CCV003 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:10:51 DataFile Name : 055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2628.59	2581.16	2546.41	2585.39	1.60	ppb
Lead	208-1	2635.86	2577.23	2533.44	2582.18	1.99	ppb
Lithium	6-1				83		%
Magnesium	24-2	251700.24	258555.76	258894.32	256383.44	1.58	ppb
Manganese	55-2	4816.83	4992.50	4943.94	4917.76	1.84	ppb
Molybdenum	94-1	5221.37	5028.91	4902.85	5051.04	3.18	ppb
Molybdenum	95-1	5203.04	5052.15	4853.99	5036.39	3.48	ppb
Molybdenum	96-1	5250.62	5043.74	4937.49	5077.29	3.14	ppb
Molybdenum	97-1	5219.14	4988.19	4951.01	5052.78	2.88	ppb
Molybdenum	98-1	5228.41	5005.01	4886.90	5040.11	3.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.80	478.16	476.84	474.27	1.19	ppb
Phosphorus	31-2	9776.27	9923.11	9882.55	9860.64	0.77	ppb
Potassium	39-2	116497.20	119418.77	116528.81	117481.59	1.43	ppb
Rhodium	103-1				80		%
Rhodium	103-2				83		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	82-1	507.12	474.81	469.30	483.74	4.22	ppb
Selenium	77-2	467.05	462.39	434.11	454.51	3.92	ppb
Selenium	78-2	456.54	465.34	462.75	461.55	0.98	ppb
Silicon	28-1	515.19	482.25	489.67	495.70	3.49	ppb
Silver	107-1	498.64	472.49	464.76	478.63	3.71	ppb
Silver	109-1	498.41	475.83	466.69	480.31	3.40	ppb
Sodium	23-2	238508.49	244959.17	244906.22	242791.29	1.53	ppb
Strontium	86-1	529.80	505.35	500.64	511.93	3.06	ppb
Strontium	88-1	521.94	501.67	499.50	507.71	2.44	ppb
Sulfur	34-1	10839.05	9928.15	9939.53	10235.58	5.11	ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	524.75	517.65	495.87	512.76	2.94	ppb
Thallium	205-1	524.80	510.28	493.86	509.65	3.04	ppb
Tin	118-1	521.84	488.96	484.28	498.36	4.11	ppb
Titanium	47-1	5353.07	5064.03	5004.29	5140.46	3.63	ppb
Uranium	238-1	544.84	519.39	519.61	527.94	2.77	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV003 Instrumnet Name : P8
Client Sample ID : CCV003 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:10:51 DataFile Name : 055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	473.48	485.00	484.30	480.93	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				94		%
Zinc	66-2	4702.82	4711.49	4756.55	4723.62	0.61	ppb
Zirconium	90-1	526.51	513.41	496.28	512.06	2.96	ppb
Zirconium	91-1	538.95	514.36	489.94	514.42	4.76	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB003 Instrumnet Name : P8
Client Sample ID : CCB003 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:13:37 DataFile Name : 056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.32	1.28	1.34	1.32	2.24	ppb
Antimony	121-1	0.13	0.13	0.10	0.12	15.56	ppb
Arsenic	75-2	0.03	0.04	0.03	0.03	20.27	ppb
Barium	135-1	0.40	0.33	0.29	0.34	15.92	ppb
Barium	137-1	0.38	0.37	0.29	0.35	14.97	ppb
Beryllium	9-1	0.18	0.14	0.15	0.16	15.63	ppb
Bismuth	209-1				97		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.11	0.19	0.07	0.12	48.18	ppb
Cadmium	106-1	-1.04	0.86	-1.06	-0.41		ppb
Cadmium	111-1	0.03	0.04	0.00	0.02	90.85	ppb
Calcium	43-1	14.94	10.77	10.73	12.15	19.89	ppb
Calcium	44-1	13.91	9.94	7.60	10.49	30.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.08	-0.02		ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	28.33	ppb
Copper	63-2	0.17	0.21	0.09	0.16	39.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				105		%
Iron	54-2	3.56	3.35	1.99	2.97	28.72	ppb
Iron	56-2	3.39	3.56	2.78	3.25	12.63	ppb
Iron	57-2	4.41	4.15	3.44	4.00	12.57	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.24	0.18	0.24	22.38	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB003 Instrumnet Name : P8
Client Sample ID : CCB003 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:13:37 DataFile Name : 056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.30	0.26	0.20	0.25	19.26	ppb
Lead	208-1	0.30	0.25	0.20	0.25	18.58	ppb
Lithium	6-1				95		%
Magnesium	24-2	5.70	5.26	4.97	5.31	6.92	ppb
Manganese	55-2	0.32	0.36	0.27	0.32	14.94	ppb
Molybdenum	94-1	0.40	0.26	0.21	0.29	33.15	ppb
Molybdenum	95-1	0.34	0.27	0.21	0.27	24.48	ppb
Molybdenum	96-1	0.38	0.27	0.19	0.28	34.92	ppb
Molybdenum	97-1	0.36	0.26	0.21	0.28	27.82	ppb
Molybdenum	98-1	0.36	0.28	0.22	0.29	23.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.04	-0.06	-0.01		ppb
Phosphorus	31-2	-24.26	-16.32	-28.88	-23.15		ppb
Potassium	39-2	9.86	10.03	2.08	7.32	62.02	ppb
Rhodium	103-1				97		%
Rhodium	103-2				104		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	0.39	0.14	0.03	0.18	100.68	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.10	-0.38	-0.13	-0.20		ppb
Silicon	28-1	0.63	0.22	-0.02	0.28	119.75	ppb
Silver	107-1	0.08	0.06	0.05	0.06	25.82	ppb
Silver	109-1	0.07	0.06	0.05	0.06	18.92	ppb
Sodium	23-2	28.69	27.86	16.59	24.38	27.74	ppb
Strontium	86-1	0.03	0.02	0.01	0.02	63.93	ppb
Strontium	88-1	0.03	0.02	0.01	0.02	49.69	ppb
Sulfur	34-1	-694.68	-887.91	-944.38	-842.32		ppb
Terbium	159-1				96		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.06	0.05	0.06	12.90	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	14.84	ppb
Tin	118-1	0.47	0.42	0.29	0.39	24.41	ppb
Titanium	47-1	0.28	0.18	0.13	0.20	38.85	ppb
Uranium	238-1	0.03	0.02	0.01	0.02	46.10	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB003 Instrumnet Name : P8
Client Sample ID : CCB003 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:13:37 DataFile Name : 056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.01	0.01	68.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				104		%
Zinc	66-2	0.63	0.62	0.52	0.59	10.54	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	28.30	ppb
Zirconium	91-1	0.05	0.04	0.03	0.04	30.80	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166137BL Instrumnet Name : P8
Client Sample ID : PBW137 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:27:08 DataFile Name : 057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	0.50	0.28	0.57	57.80	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	11.82	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00		ppb
Barium	135-1	0.04	0.07	0.04	0.05	38.84	ppb
Barium	137-1	0.06	0.04	0.06	0.05	27.21	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	3.35	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.13	-0.02	0.10	0.07	110.21	ppb
Cadmium	106-1	-0.75	-0.53	-1.59	-0.96		ppb
Cadmium	111-1	-0.02	-0.01	-0.04	-0.02		ppb
Calcium	43-1	3.74	3.11	3.39	3.42	9.23	ppb
Calcium	44-1	2.65	1.93	2.38	2.32	15.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.02	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	82.06	ppb
Copper	63-2	-0.06	-0.04	-0.03	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	0.00	0.92	0.63	0.51	90.98	ppb
Iron	56-2	0.50	0.42	0.45	0.46	9.26	ppb
Iron	57-2	0.64	0.47	1.51	0.88	63.94	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.03	0.03	35.23	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166137BL Instrumnet Name : P8
Client Sample ID : PBW137 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:27:08 DataFile Name : 057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.02	0.03	0.03	27.13	ppb
Lead	208-1	0.03	0.02	0.03	0.03	30.37	ppb
Lithium	6-1				96		%
Magnesium	24-2	-0.24	-0.22	-0.57	-0.34		ppb
Manganese	55-2	0.15	0.17	0.23	0.18	23.27	ppb
Molybdenum	94-1	0.02	0.01	0.01	0.02	25.80	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	48.80	ppb
Molybdenum	96-1	0.02	0.02	0.00	0.01	106.83	ppb
Molybdenum	97-1	0.00	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	0.02	0.01	0.02	0.01	24.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.04	-0.04	0.00		ppb
Phosphorus	31-2	-19.83	-18.39	-11.54	-16.59		ppb
Potassium	39-2	3.27	4.38	2.38	3.34	29.86	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	82-1	0.36	0.21	0.34	0.31	26.08	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.52	-0.08	-0.08	0.12	287.44	ppb
Silicon	28-1	-0.31	-0.60	-0.44	-0.45		ppb
Silver	107-1	0.00	0.00	0.00	0.00	39.92	ppb
Silver	109-1	0.00	0.00	0.00	0.00	44.25	ppb
Sodium	23-2	11.14	10.67	10.15	10.65	4.64	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	7440.44	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	51.43	ppb
Sulfur	34-1	-599.89	-827.82	-722.87	-716.86		ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.02	0.02	0.02	3.92	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	23.83	ppb
Tin	118-1	0.02	0.02	0.02	0.02	15.60	ppb
Titanium	47-1	0.00	0.01	-0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134585 Operator : Jaswal
 Lab Sample ID : PB166137BL Instrumnet Name : P8
 Client Sample ID : PBW137 Dilution Factor : 1
 Date & Time Acquired : 2025-01-21 17:27:08 DataFile Name : 057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	0.27	0.43	0.35	0.35	23.52	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	100.41	ppb
Zirconium	91-1	0.00	0.01	0.01	0.00	177.78	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166137BS Instrumnet Name : P8
Client Sample ID : LCS137 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:30:30 DataFile Name : 058LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.50	34.15	36.33	35.66	3.66	ppb
Antimony	121-1	3.81	3.69	3.73	3.74	1.67	ppb
Arsenic	75-2	1.82	2.15	1.89	1.95	8.80	ppb
Barium	135-1	18.36	18.41	18.30	18.36	0.29	ppb
Barium	137-1	18.96	18.81	18.89	18.89	0.40	ppb
Beryllium	9-1	1.91	1.87	1.85	1.88	1.61	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	2.29	2.07	2.06	2.14	5.96	ppb
Cadmium	106-1	1.21	1.16	0.92	1.09	14.18	ppb
Cadmium	111-1	1.86	1.87	1.85	1.86	0.49	ppb
Calcium	43-1	914.82	890.68	909.40	904.97	1.40	ppb
Calcium	44-1	909.32	894.93	902.01	902.09	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.50	3.65	3.54	3.56	2.08	ppb
Cobalt	59-2	1.95	1.91	1.88	1.91	1.88	ppb
Copper	63-2	4.31	4.42	4.38	4.37	1.34	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				94		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	399.78	384.77	378.56	387.70	2.81	ppb
Iron	56-2	389.92	390.34	380.76	387.00	1.40	ppb
Iron	57-2	392.39	384.41	381.62	386.14	1.45	ppb
Krypton	83-1						cps
Lead	206-1	1.83	1.87	1.86	1.85	0.97	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166137BS Instrumnet Name : P8
Client Sample ID : LCS137 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:30:30 DataFile Name : 058LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.91	1.89	1.93	1.91	1.04	ppb
Lead	208-1	1.85	1.88	1.90	1.88	1.18	ppb
Lithium	6-1				94		%
Magnesium	24-2	953.64	963.95	940.37	952.65	1.24	ppb
Manganese	55-2	2.13	1.99	2.09	2.07	3.38	ppb
Molybdenum	94-1	10.72	10.78	10.77	10.76	0.31	ppb
Molybdenum	95-1	8.94	8.97	8.91	8.94	0.31	ppb
Molybdenum	96-1	9.16	9.11	9.00	9.09	0.88	ppb
Molybdenum	97-1	9.01	9.12	9.05	9.06	0.59	ppb
Molybdenum	98-1	9.03	8.88	8.97	8.96	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.19	2.08	2.14	2.63	ppb
Phosphorus	31-2	19.44	45.04	31.76	32.08	39.91	ppb
Potassium	39-2	896.88	894.29	878.32	889.83	1.13	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	9.71	9.12	9.74	9.52	3.68	ppb
Selenium	77-2	6.95	4.99	6.99	6.31	18.17	ppb
Selenium	78-2	10.44	10.48	9.03	9.99	8.26	ppb
Silicon	28-1	6.40	6.12	6.20	6.24	2.32	ppb
Silver	107-1	1.84	1.85	1.86	1.85	0.61	ppb
Silver	109-1	1.87	1.88	1.88	1.88	0.32	ppb
Sodium	23-2	932.27	925.19	913.91	923.79	1.00	ppb
Strontium	86-1	1.73	1.77	1.72	1.74	1.51	ppb
Strontium	88-1	1.77	1.73	1.73	1.74	1.30	ppb
Sulfur	34-1	-409.30	-609.42	-530.50	-516.41		ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	1.76	1.79	1.79	1.78	1.01	ppb
Thallium	205-1	1.77	1.79	1.80	1.79	0.95	ppb
Tin	118-1	8.55	8.56	8.47	8.53	0.57	ppb
Titanium	47-1	10.06	9.95	10.57	10.19	3.22	ppb
Uranium	238-1	1.74	1.72	1.75	1.73	1.01	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166137BS Instrumnet Name : P8
Client Sample ID : LCS137 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:30:30 DataFile Name : 058LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	9.43	9.33	9.18	9.31	1.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	10.53	10.00	10.40	10.31	2.68	ppb
Zirconium	90-1	1.83	1.79	1.81	1.81	1.00	ppb
Zirconium	91-1	1.78	1.76	1.81	1.78	1.38	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-01 Instrumnet Name : P8
Client Sample ID : MJNLB3 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:33:55 DataFile Name : 059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.02	3.56	2.65	3.08	14.86	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	1.56	ppb
Arsenic	75-2	0.02	0.06	-0.01	0.02	174.55	ppb
Barium	135-1	0.04	0.05	0.05	0.05	19.81	ppb
Barium	137-1	0.07	0.08	0.07	0.08	2.74	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	5.46	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.10	0.15	0.10	51.33	ppb
Cadmium	106-1	-0.86	-1.09	-0.92	-0.96		ppb
Cadmium	111-1	0.00	-0.02	-0.02	-0.01		ppb
Calcium	43-1	8.36	12.19	12.82	11.12	21.72	ppb
Calcium	44-1	10.72	11.19	11.13	11.01	2.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.39	-0.38	-0.38	-0.38		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	4.59	ppb
Copper	63-2	-0.02	-0.01	0.01	-0.01		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				94		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	6.65	7.69	7.85	7.40	8.80	ppb
Iron	56-2	7.03	6.92	7.11	7.02	1.41	ppb
Iron	57-2	8.75	6.68	7.67	7.70	13.42	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.07	0.07	7.16	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-01 Instrumnet Name : P8
Client Sample ID : MJNLB3 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:33:55 DataFile Name : 059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.06	0.08	0.06	0.07	11.87	ppb
Lead	208-1	0.06	0.06	0.06	0.06	2.58	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.81	0.80	0.92	0.85	7.82	ppb
Manganese	55-2	5.18	4.96	5.40	5.18	4.27	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	95-1	-0.02	-0.02	-0.03	-0.03		ppb
Molybdenum	96-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	-0.02	-0.03	-0.03	-0.03		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	-0.02	-0.07	0.00		ppb
Phosphorus	31-2	-19.72	-18.71	-14.42	-17.62		ppb
Potassium	39-2	2.15	2.10	2.96	2.40	19.96	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.17	0.28	0.15	0.20	35.30	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.08	0.21	-0.08	0.02	1076.23	ppb
Silicon	28-1	34.68	31.18	31.66	32.51	5.84	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.50	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.74	ppb
Sodium	23-2	37.86	36.73	39.72	38.10	3.96	ppb
Strontium	86-1	0.02	0.02	0.02	0.02	16.76	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	4.87	ppb
Sulfur	34-1	-540.97	-460.13	-513.02	-504.71		ppb
Terbium	159-1				93		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.02	0.01	13.81	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	33.33	ppb
Tin	118-1	0.09	0.09	0.10	0.09	7.03	ppb
Titanium	47-1	0.07	0.04	0.05	0.05	22.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-01 Instrumnet Name : P8
Client Sample ID : MJNLB3 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:33:55 DataFile Name : 059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.01	0.00	43.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	0.49	0.65	0.73	0.62	19.85	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	63.59	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	93.18	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-02 Instrumnet Name : P8
Client Sample ID : MJNLB5 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:37:15 DataFile Name : 060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1815.51	1788.29	1825.19	1809.66	1.06	ppb
Antimony	121-1	2.04	2.09	2.10	2.08	1.42	ppb
Arsenic	75-2	15.87	15.12	14.61	15.20	4.16	ppb
Barium	135-1	8.28	8.59	8.57	8.48	2.05	ppb
Barium	137-1	8.54	8.46	8.75	8.58	1.77	ppb
Beryllium	9-1	0.07	0.06	0.07	0.07	5.50	ppb
Bismuth	209-1				77		%
Bismuth	209-2				76		%
Bromine	81-1						cps
Cadmium	108-1	0.61	0.55	0.48	0.54	11.25	ppb
Cadmium	106-1	0.30	-0.33	-0.01	-0.01		ppb
Cadmium	111-1	0.07	0.05	0.07	0.06	20.62	ppb
Calcium	43-1	34629.06	35690.27	35843.73	35387.69	1.87	ppb
Calcium	44-1	34623.03	35685.08	35654.53	35320.88	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.52	2.33	2.38	2.41	4.16	ppb
Cobalt	59-2	0.66	0.68	0.73	0.69	4.78	ppb
Copper	63-2	104.66	102.73	105.89	104.43	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				85		%
Indium	115-1				81		%
Indium	115-2				81		%
Iron	54-2	1407.38	1362.47	1390.84	1386.90	1.64	ppb
Iron	56-2	1485.65	1457.48	1487.92	1477.02	1.15	ppb
Iron	57-2	1409.15	1398.30	1425.83	1411.09	0.98	ppb
Krypton	83-1						cps
Lead	206-1	3.52	3.45	3.52	3.49	1.17	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-02 Instrumnet Name : P8
Client Sample ID : MJNLB5 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:37:15 DataFile Name : 060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	3.38	3.42	3.36	3.39	0.89	ppb
Lead	208-1	3.46	3.42	3.45	3.44	0.53	ppb
Lithium	6-1				80		%
Magnesium	24-2	91352.13	90071.16	91459.05	90960.78	0.85	ppb
Manganese	55-2	53.50	51.59	51.96	52.35	1.94	ppb
Molybdenum	94-1	6.95	7.29	7.18	7.14	2.39	ppb
Molybdenum	95-1	4.51	4.61	4.61	4.58	1.30	ppb
Molybdenum	96-1	4.75	4.83	4.78	4.78	0.80	ppb
Molybdenum	97-1	4.45	4.63	4.59	4.56	2.14	ppb
Molybdenum	98-1	4.53	4.52	4.50	4.52	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.89	4.00	3.94	3.94	1.39	ppb
Phosphorus	31-2	182.85	174.31	210.82	189.33	10.09	ppb
Potassium	39-2	38228.67	37773.49	37928.65	37976.93	0.61	ppb
Rhodium	103-1				76		%
Rhodium	103-2				76		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	82-1	6.49	8.02	7.41	7.31	10.56	ppb
Selenium	77-2	2.34	7.04	2.37	3.92	69.08	ppb
Selenium	78-2	1.69	2.04	1.01	1.58	32.96	ppb
Silicon	28-1	3966.80	4114.77	4052.93	4044.83	1.84	ppb
Silver	107-1	0.11	0.09	0.10	0.10	6.59	ppb
Silver	109-1	0.11	0.09	0.09	0.10	9.96	ppb
Sodium	23-2	896929.54	875737.50	901958.06	891541.70	1.56	ppb
Strontium	86-1	513.50	515.38	514.56	514.48	0.18	ppb
Strontium	88-1	501.49	515.69	510.86	509.35	1.42	ppb
Sulfur	34-1	84588.00	88137.37	86590.49	86438.62	2.06	ppb
Terbium	159-1				86		%
Terbium	159-2				86		%
Thallium	203-1	0.25	0.24	0.23	0.24	4.28	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	1.80	ppb
Tin	118-1	0.31	0.29	0.32	0.31	4.77	ppb
Titanium	47-1	79.73	80.27	79.87	79.96	0.35	ppb
Uranium	238-1	0.50	0.50	0.50	0.50	0.57	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-02 Instrumnet Name : P8
Client Sample ID : MJNLB5 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:37:15 DataFile Name : 060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	16.97	16.77	16.90	16.88	0.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				85		%
Yttrium	89-2				80		%
Zinc	66-2	8.99	9.06	9.78	9.28	4.71	ppb
Zirconium	90-1	1.84	1.86	1.85	1.85	0.50	ppb
Zirconium	91-1	1.81	1.86	1.79	1.82	1.77	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-03 Instrumnet Name : P8
Client Sample ID : MJNLB5D Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:40:29 DataFile Name : 061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1841.49	1816.96	1844.78	1834.41	0.83	ppb
Antimony	121-1	2.04	2.03	2.11	2.06	2.08	ppb
Arsenic	75-2	14.54	14.48	14.43	14.48	0.38	ppb
Barium	135-1	8.58	8.58	8.32	8.49	1.77	ppb
Barium	137-1	8.61	8.68	8.65	8.65	0.38	ppb
Beryllium	9-1	0.07	0.08	0.10	0.09	16.04	ppb
Bismuth	209-1				76		%
Bismuth	209-2				77		%
Bromine	81-1						cps
Cadmium	108-1	0.44	0.40	0.44	0.43	5.66	ppb
Cadmium	106-1	-0.18	0.25	-0.07	0.00		ppb
Cadmium	111-1	0.05	0.07	0.05	0.06	26.86	ppb
Calcium	43-1	35940.73	35407.19	35382.59	35576.84	0.89	ppb
Calcium	44-1	35111.94	35123.13	35225.79	35153.62	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.41	2.50	2.29	2.40	4.32	ppb
Cobalt	59-2	0.64	0.63	0.73	0.67	8.62	ppb
Copper	63-2	106.15	104.91	104.59	105.22	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				86		%
Indium	115-1				79		%
Indium	115-2				81		%
Iron	54-2	1397.69	1404.02	1396.38	1399.36	0.29	ppb
Iron	56-2	1501.68	1453.79	1472.43	1475.97	1.64	ppb
Iron	57-2	1451.89	1416.87	1429.66	1432.81	1.24	ppb
Krypton	83-1						cps
Lead	206-1	3.31	3.37	3.43	3.37	1.70	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-03 Instrumnet Name : P8
Client Sample ID : MJNLB5D Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:40:29 DataFile Name : 061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	3.29	3.40	3.38	3.35	1.73	ppb
Lead	208-1	3.30	3.38	3.37	3.35	1.38	ppb
Lithium	6-1				79		%
Magnesium	24-2	92749.63	91674.78	91724.06	92049.49	0.66	ppb
Manganese	55-2	26.43	26.20	26.03	26.22	0.76	ppb
Molybdenum	94-1	7.15	7.08	7.18	7.14	0.73	ppb
Molybdenum	95-1	4.63	4.68	4.73	4.68	1.10	ppb
Molybdenum	96-1	4.84	4.82	4.87	4.84	0.56	ppb
Molybdenum	97-1	4.59	4.61	4.69	4.63	1.15	ppb
Molybdenum	98-1	4.50	4.52	4.52	4.51	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.13	4.05	3.77	3.98	4.79	ppb
Phosphorus	31-2	182.94	194.69	213.89	197.17	7.92	ppb
Potassium	39-2	38527.96	38331.09	38410.31	38423.12	0.26	ppb
Rhodium	103-1				75		%
Rhodium	103-2				76		%
Scandium	45-1				85		%
Scandium	45-2				83		%
Selenium	82-1	6.43	8.43	8.59	7.82	15.41	ppb
Selenium	77-2	4.70	3.52	3.54	3.92	17.15	ppb
Selenium	78-2	2.04	3.08	3.10	2.74	22.04	ppb
Silicon	28-1	4004.00	4044.57	4023.93	4024.16	0.50	ppb
Silver	107-1	0.06	0.07	0.07	0.07	5.44	ppb
Silver	109-1	0.06	0.07	0.07	0.07	7.78	ppb
Sodium	23-2	900021.47	903023.33	879318.75	894121.18	1.44	ppb
Strontium	86-1	524.95	525.53	509.24	519.91	1.78	ppb
Strontium	88-1	512.92	515.23	508.67	512.27	0.65	ppb
Sulfur	34-1	86861.74	86850.11	85576.83	86429.56	0.85	ppb
Terbium	159-1				84		%
Terbium	159-2				85		%
Thallium	203-1	0.14	0.17	0.18	0.16	12.83	ppb
Thallium	205-1	0.14	0.16	0.19	0.16	15.14	ppb
Tin	118-1	0.29	0.29	0.31	0.30	3.62	ppb
Titanium	47-1	79.01	79.29	79.76	79.35	0.48	ppb
Uranium	238-1	0.49	0.51	0.51	0.50	1.67	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-03 Instrumnet Name : P8
Client Sample ID : MJNLB5D Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:40:29 DataFile Name : 061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	17.13	16.71	16.92	16.92	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				84		%
Yttrium	89-2				80		%
Zinc	66-2	8.51	8.42	8.15	8.36	2.23	ppb
Zirconium	90-1	1.92	1.82	1.81	1.85	3.15	ppb
Zirconium	91-1	1.89	1.91	1.83	1.88	2.10	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-02LX5 Instrumnet Name : P8
Client Sample ID : MJNLB5L Dilution Factor : 5
Date & Time Acquired : 2025-01-21 17:43:41 DataFile Name : 062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	353.56	376.57	375.20	368.44	3.50	ppb
Antimony	121-1	0.42	0.42	0.40	0.42	3.07	ppb
Arsenic	75-2	3.32	2.55	2.85	2.90	13.37	ppb
Barium	135-1	1.77	1.75	1.76	1.76	0.38	ppb
Barium	137-1	1.84	1.64	1.78	1.75	5.82	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	9.76	ppb
Bismuth	209-1				85		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.05	0.07	0.07	14.97	ppb
Cadmium	106-1	-1.03	-0.58	-0.62	-0.74		ppb
Cadmium	111-1	-0.02	0.00	0.00	0.00		ppb
Calcium	43-1	7025.28	6805.16	7017.52	6949.32	1.80	ppb
Calcium	44-1	7355.54	7121.63	7258.44	7245.20	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.25	0.20	0.21	19.74	ppb
Cobalt	59-2	0.12	0.13	0.14	0.13	7.57	ppb
Copper	63-2	21.79	23.27	22.88	22.65	3.39	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				89		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				88		%
Iron	54-2	279.51	293.69	291.63	288.28	2.66	ppb
Iron	56-2	281.34	300.57	291.70	291.20	3.30	ppb
Iron	57-2	284.21	299.93	294.22	292.79	2.72	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.66	0.67	0.67	2.01	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-02LX5 Instrumnet Name : P8
Client Sample ID : MJNLB5L Dilution Factor : 5
Date & Time Acquired : 2025-01-21 17:43:41 DataFile Name : 062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.66	0.66	0.66	0.66	0.79	ppb
Lead	208-1	0.66	0.65	0.66	0.66	1.23	ppb
Lithium	6-1				86		%
Magnesium	24-2	18255.70	19310.40	19287.03	18951.04	3.18	ppb
Manganese	55-2	5.21	5.64	5.44	5.43	4.00	ppb
Molybdenum	94-1	1.43	1.38	1.44	1.42	2.34	ppb
Molybdenum	95-1	0.94	0.86	0.90	0.90	4.17	ppb
Molybdenum	96-1	0.96	0.89	0.92	0.92	4.18	ppb
Molybdenum	97-1	0.92	0.89	0.92	0.91	1.87	ppb
Molybdenum	98-1	0.93	0.86	0.86	0.88	4.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.67	0.57	0.61	8.37	ppb
Phosphorus	31-2	28.18	34.42	4.28	22.29	71.37	ppb
Potassium	39-2	7075.63	7528.32	7350.14	7318.03	3.12	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	2.49	2.17	2.02	2.23	10.82	ppb
Selenium	77-2	2.05	0.00	0.00	0.68	173.21	ppb
Selenium	78-2	0.83	0.62	0.24	0.56	52.85	ppb
Silicon	28-1	839.42	820.08	834.50	831.33	1.21	ppb
Silver	107-1	0.02	0.02	0.02	0.02	18.08	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.83	ppb
Sodium	23-2	175706.90	184181.53	181372.24	180420.22	2.39	ppb
Strontium	86-1	99.59	95.43	97.31	97.44	2.14	ppb
Strontium	88-1	106.77	101.75	104.29	104.27	2.41	ppb
Sulfur	34-1	17991.08	17176.70	17857.62	17675.13	2.47	ppb
Terbium	159-1				89		%
Terbium	159-2				92		%
Thallium	203-1	0.08	0.07	0.06	0.07	13.04	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	3.21	ppb
Tin	118-1	0.07	0.08	0.07	0.07	8.60	ppb
Titanium	47-1	16.02	15.63	16.19	15.95	1.80	ppb
Uranium	238-1	0.10	0.09	0.09	0.09	4.28	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-02LX5 Instrumnet Name : P8
Client Sample ID : MJNLB5L Dilution Factor : 5
Date & Time Acquired : 2025-01-21 17:43:41 DataFile Name : 062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	3.42	3.47	3.40	3.43	1.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				89		%
Yttrium	89-2				88		%
Zinc	66-2	2.13	1.78	1.86	1.92	9.50	ppb
Zirconium	90-1	0.35	0.36	0.91	0.54	59.36	ppb
Zirconium	91-1	0.37	0.34	0.35	0.35	4.02	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-04 Instrumnet Name : P8
Client Sample ID : MJNLB5S Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:46:59 DataFile Name : 063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3733.32	3667.40	3650.66	3683.79	1.19	ppb
Antimony	121-1	98.58	99.54	99.49	99.20	0.54	ppb
Arsenic	75-2	57.04	56.73	55.65	56.48	1.29	ppb
Barium	135-1	2085.44	2098.00	2069.65	2084.37	0.68	ppb
Barium	137-1	2083.50	2093.21	2119.37	2098.69	0.88	ppb
Beryllium	9-1	50.24	49.08	48.44	49.25	1.86	ppb
Bismuth	209-1				75		%
Bismuth	209-2				76		%
Bromine	81-1						cps
Cadmium	108-1	39.24	40.91	39.65	39.93	2.17	ppb
Cadmium	106-1	36.19	38.34	38.50	37.68	3.42	ppb
Cadmium	111-1	45.81	45.77	46.26	45.95	0.60	ppb
Calcium	43-1	35340.91	35291.34	35659.91	35430.72	0.56	ppb
Calcium	44-1	34836.87	35035.94	35451.24	35108.02	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	198.85	198.16	198.36	198.46	0.18	ppb
Cobalt	59-2	533.23	519.59	519.60	524.14	1.50	ppb
Copper	63-2	354.46	353.22	353.82	353.83	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				86		%
Indium	115-1				80		%
Indium	115-2				82		%
Iron	54-2	2545.61	2554.15	2564.13	2554.63	0.36	ppb
Iron	56-2	2496.41	2526.15	2521.01	2514.52	0.63	ppb
Iron	57-2	2410.47	2405.18	2435.91	2417.18	0.68	ppb
Krypton	83-1						cps
Lead	206-1	23.81	23.64	24.45	23.97	1.80	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-04 Instrumnet Name : P8
Client Sample ID : MJNLB5S Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:46:59 DataFile Name : 063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	23.95	23.74	24.36	24.01	1.31	ppb
Lead	208-1	23.85	23.66	24.30	23.94	1.39	ppb
Lithium	6-1				80		%
Magnesium	24-2	90860.98	91334.54	89839.13	90678.22	0.84	ppb
Manganese	55-2	523.02	522.71	520.33	522.02	0.28	ppb
Molybdenum	94-1	7.41	7.30	7.49	7.40	1.30	ppb
Molybdenum	95-1	4.55	4.70	4.81	4.69	2.79	ppb
Molybdenum	96-1	4.84	4.89	4.88	4.87	0.51	ppb
Molybdenum	97-1	4.65	4.77	4.69	4.70	1.36	ppb
Molybdenum	98-1	4.54	4.50	4.62	4.56	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.33	508.93	507.18	508.81	0.31	ppb
Phosphorus	31-2	181.38	191.88	196.65	189.97	4.11	ppb
Potassium	39-2	37979.53	37769.41	37779.85	37842.93	0.31	ppb
Rhodium	103-1				75		%
Rhodium	103-2				76		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	82-1	104.58	101.55	110.31	105.48	4.22	ppb
Selenium	77-2	124.29	86.59	104.90	105.26	17.91	ppb
Selenium	78-2	112.11	118.45	110.57	113.71	3.67	ppb
Silicon	28-1	4075.45	4026.38	4043.44	4048.42	0.62	ppb
Silver	107-1	44.19	45.09	44.98	44.75	1.09	ppb
Silver	109-1	44.55	45.14	45.68	45.12	1.26	ppb
Sodium	23-2	886166.44	880907.14	877174.08	881415.89	0.51	ppb
Strontium	86-1	512.27	506.76	519.14	512.72	1.21	ppb
Strontium	88-1	504.92	505.43	509.79	506.71	0.53	ppb
Sulfur	34-1	85861.74	83712.86	86371.22	85315.27	1.65	ppb
Terbium	159-1				84		%
Terbium	159-2				87		%
Thallium	203-1	49.17	49.14	50.95	49.75	2.08	ppb
Thallium	205-1	49.55	49.18	51.03	49.92	1.96	ppb
Tin	118-1	0.79	0.81	0.81	0.81	1.43	ppb
Titanium	47-1	83.39	82.12	81.45	82.32	1.20	ppb
Uranium	238-1	0.50	0.50	0.51	0.50	1.11	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-04 Instrumnet Name : P8
Client Sample ID : MJNLB5S Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:46:59 DataFile Name : 063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	531.26	525.87	525.97	527.70	0.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				83		%
Yttrium	89-2				81		%
Zinc	66-2	496.02	497.09	491.92	495.01	0.55	ppb
Zirconium	90-1	1.93	1.93	1.98	1.95	1.50	ppb
Zirconium	91-1	1.93	1.97	2.00	1.96	1.69	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-05 Instrumnet Name : P8
Client Sample ID : MJNLB6 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:50:09 DataFile Name : 064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.46	20.26	18.07	19.26	5.76	ppb
Antimony	121-1	0.34	0.33	0.33	0.33	2.74	ppb
Arsenic	75-2	3.16	3.20	3.16	3.17	0.62	ppb
Barium	135-1	2.83	2.72	2.69	2.75	2.64	ppb
Barium	137-1	2.86	2.80	2.84	2.83	1.12	ppb
Beryllium	9-1	0.05	0.06	0.05	0.06	9.71	ppb
Bismuth	209-1				77		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Cadmium	108-1	0.14	0.12	0.08	0.11	29.72	ppb
Cadmium	106-1	-1.11	-0.84	-2.05	-1.34		ppb
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Calcium	43-1	30586.86	29715.64	29170.16	29824.22	2.40	ppb
Calcium	44-1	30253.93	29715.53	29274.15	29747.87	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.62	0.60	0.50	0.57	11.29	ppb
Cobalt	59-2	0.04	0.05	0.06	0.05	21.74	ppb
Copper	63-2	10.78	10.49	10.50	10.59	1.55	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				84		%
Holmium	165-2				88		%
Indium	115-1				81		%
Indium	115-2				84		%
Iron	54-2	28.36	27.05	27.80	27.74	2.38	ppb
Iron	56-2	27.66	27.55	27.16	27.46	0.96	ppb
Iron	57-2	27.15	30.63	28.36	28.71	6.14	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.19	0.18	0.19	5.48	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-05 Instrumnet Name : P8
Client Sample ID : MJNLB6 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:50:09 DataFile Name : 064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.20	0.19	0.19	0.19	4.08	ppb
Lead	208-1	0.20	0.18	0.18	0.19	6.34	ppb
Lithium	6-1				82		%
Magnesium	24-2	74772.39	74625.47	73813.38	74403.74	0.69	ppb
Manganese	55-2	5.14	5.08	4.92	5.04	2.29	ppb
Molybdenum	94-1	1.33	1.32	1.29	1.31	1.63	ppb
Molybdenum	95-1	1.47	1.46	1.44	1.45	1.21	ppb
Molybdenum	96-1	1.41	1.37	1.41	1.40	1.65	ppb
Molybdenum	97-1	1.49	1.47	1.36	1.44	4.73	ppb
Molybdenum	98-1	1.47	1.40	1.44	1.44	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.68	1.60	1.41	1.56	8.72	ppb
Phosphorus	31-2	57.83	64.87	52.20	58.30	10.89	ppb
Potassium	39-2	25794.29	25665.76	25788.18	25749.41	0.28	ppb
Rhodium	103-1				76		%
Rhodium	103-2				79		%
Scandium	45-1				86		%
Scandium	45-2				85		%
Selenium	82-1	4.76	5.05	5.96	5.26	11.82	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.32	0.29	0.98	0.86	60.65	ppb
Silicon	28-1	5689.37	5665.12	5622.85	5659.11	0.59	ppb
Silver	107-1	0.09	0.05	0.05	0.06	32.37	ppb
Silver	109-1	0.09	0.06	0.05	0.07	35.77	ppb
Sodium	23-2	592273.96	590288.49	585068.07	589210.17	0.63	ppb
Strontium	86-1	399.55	387.75	386.12	391.14	1.87	ppb
Strontium	88-1	394.45	391.10	382.68	389.41	1.56	ppb
Sulfur	34-1	55013.06	54513.41	52748.96	54091.81	2.20	ppb
Terbium	159-1				85		%
Terbium	159-2				89		%
Thallium	203-1	0.08	0.08	0.07	0.08	9.38	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	1.48	ppb
Tin	118-1	13.40	13.08	13.16	13.21	1.28	ppb
Titanium	47-1	2.73	2.83	2.88	2.81	2.86	ppb
Uranium	238-1	0.27	0.27	0.26	0.27	1.49	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-05 Instrumnet Name : P8
Client Sample ID : MJNLB6 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:50:09 DataFile Name : 064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	8.07	8.03	8.32	8.14	1.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				85		%
Yttrium	89-2				82		%
Zinc	66-2	3.97	4.15	4.19	4.10	2.77	ppb
Zirconium	90-1	0.09	0.08	0.08	0.08	3.94	ppb
Zirconium	91-1	0.10	0.08	0.09	0.09	9.77	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-06 Instrumnet Name : P8
Client Sample ID : MJNLB8 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:53:27 DataFile Name : 065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.28	21.09	24.95	22.44	9.71	ppb
Antimony	121-1	0.32	0.33	0.32	0.32	1.55	ppb
Arsenic	75-2	2.88	2.99	3.31	3.06	7.29	ppb
Barium	135-1	2.74	2.57	2.74	2.68	3.62	ppb
Barium	137-1	2.70	2.71	2.77	2.73	1.29	ppb
Beryllium	9-1	0.06	0.05	0.06	0.06	5.99	ppb
Bismuth	209-1				77		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Cadmium	108-1	0.16	0.09	0.13	0.13	28.78	ppb
Cadmium	106-1	-1.04	-1.26	-1.04	-1.11		ppb
Cadmium	111-1	-0.01	-0.01	0.00	-0.01		ppb
Calcium	43-1	28354.14	29196.57	29875.16	29141.96	2.61	ppb
Calcium	44-1	28991.55	29229.92	29394.47	29205.31	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	0.05	0.00	1043.57	ppb
Cobalt	59-2	0.01	0.02	0.03	0.02	57.04	ppb
Copper	63-2	9.91	10.28	10.48	10.23	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				91		%
Indium	115-1				83		%
Indium	115-2				87		%
Iron	54-2	25.32	23.66	27.77	25.59	8.09	ppb
Iron	56-2	24.61	24.94	25.44	25.00	1.68	ppb
Iron	57-2	27.94	27.56	27.57	27.69	0.79	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.29	0.31	0.31	4.64	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-06 Instrumnet Name : P8
Client Sample ID : MJNLB8 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:53:27 DataFile Name : 065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.29	0.26	0.28	0.28	5.33	ppb
Lead	208-1	0.29	0.29	0.29	0.29	0.75	ppb
Lithium	6-1				81		%
Magnesium	24-2	70108.31	69716.84	71428.64	70417.93	1.27	ppb
Manganese	55-2	7.03	6.91	7.44	7.13	3.95	ppb
Molybdenum	94-1	1.27	1.31	1.32	1.30	1.93	ppb
Molybdenum	95-1	1.39	1.40	1.45	1.41	2.05	ppb
Molybdenum	96-1	1.36	1.39	1.31	1.35	3.14	ppb
Molybdenum	97-1	1.45	1.47	1.45	1.46	1.00	ppb
Molybdenum	98-1	1.38	1.39	1.36	1.38	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.78	0.88	0.88	11.51	ppb
Phosphorus	31-2	59.22	51.77	45.74	52.24	12.92	ppb
Potassium	39-2	24156.52	24360.36	24819.69	24445.53	1.39	ppb
Rhodium	103-1				78		%
Rhodium	103-2				82		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	4.55	5.81	5.69	5.35	12.95	ppb
Selenium	77-2	0.00	0.00	3.37	1.12	173.21	ppb
Selenium	78-2	-0.07	0.54	0.95	0.47	109.28	ppb
Silicon	28-1	5506.68	5552.23	5606.42	5555.11	0.90	ppb
Silver	107-1	0.03	0.03	0.03	0.03	5.03	ppb
Silver	109-1	0.03	0.03	0.03	0.03	1.79	ppb
Sodium	23-2	551067.33	549585.43	561075.06	553909.27	1.13	ppb
Strontium	86-1	385.06	377.40	382.16	381.54	1.01	ppb
Strontium	88-1	379.01	381.46	382.30	380.92	0.45	ppb
Sulfur	34-1	53385.80	52611.25	53623.67	53206.91	0.99	ppb
Terbium	159-1				86		%
Terbium	159-2				92		%
Thallium	203-1	0.05	0.06	0.06	0.05	3.69	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.00	ppb
Tin	118-1	0.39	0.23	0.22	0.28	32.53	ppb
Titanium	47-1	3.09	2.92	2.96	2.99	3.07	ppb
Uranium	238-1	0.26	0.26	0.27	0.26	1.43	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-06 Instrumnet Name : P8
Client Sample ID : MJNLB8 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:53:27 DataFile Name : 065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	7.27	7.65	7.82	7.58	3.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				86		%
Yttrium	89-2				89		%
Zinc	66-2	2.63	2.43	2.60	2.56	4.19	ppb
Zirconium	90-1	0.12	0.08	0.08	0.09	27.97	ppb
Zirconium	91-1	0.08	0.06	0.08	0.08	15.99	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-07 Instrumnet Name : P8
Client Sample ID : MJNLB9 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:56:42 DataFile Name : 066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.53	60.86	53.82	57.07	6.22	ppb
Antimony	121-1	0.20	0.21	0.23	0.22	7.98	ppb
Arsenic	75-2	3.16	3.42	2.69	3.09	12.08	ppb
Barium	135-1	3.06	3.13	3.34	3.17	4.59	ppb
Barium	137-1	3.08	3.13	3.32	3.17	3.96	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	6.06	ppb
Bismuth	209-1				78		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Cadmium	108-1	0.09	0.09	0.17	0.11	39.61	ppb
Cadmium	106-1	-0.44	-1.45	-1.03	-0.98		ppb
Cadmium	111-1	-0.01	-0.02	-0.01	-0.01		ppb
Calcium	43-1	17720.68	18469.41	18818.60	18336.23	3.06	ppb
Calcium	44-1	18887.70	19395.07	19852.76	19378.51	2.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.11	-0.13	-0.14	-0.12		ppb
Cobalt	59-2	0.14	0.15	0.15	0.15	4.15	ppb
Copper	63-2	8.30	7.90	8.19	8.13	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				89		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	54-2	100.33	101.18	99.30	100.27	0.94	ppb
Iron	56-2	101.75	101.21	102.67	101.87	0.73	ppb
Iron	57-2	104.48	101.97	104.82	103.76	1.50	ppb
Krypton	83-1						cps
Lead	206-1	1.07	1.06	1.12	1.09	2.86	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-07 Instrumnet Name : P8
Client Sample ID : MJNLB9 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:56:42 DataFile Name : 066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.02	1.05	1.11	1.06	4.02	ppb
Lead	208-1	1.03	1.04	1.11	1.06	3.90	ppb
Lithium	6-1				83		%
Magnesium	24-2	46152.59	44608.31	45206.88	45322.59	1.72	ppb
Manganese	55-2	8.83	8.83	8.67	8.78	1.03	ppb
Molybdenum	94-1	1.33	1.37	1.45	1.38	4.61	ppb
Molybdenum	95-1	1.30	1.28	1.30	1.29	0.86	ppb
Molybdenum	96-1	1.28	1.31	1.36	1.32	3.25	ppb
Molybdenum	97-1	1.23	1.24	1.33	1.27	4.17	ppb
Molybdenum	98-1	1.26	1.29	1.31	1.28	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.02	1.21	1.10	8.94	ppb
Phosphorus	31-2	69.72	49.05	71.18	63.32	19.55	ppb
Potassium	39-2	21261.34	21347.56	20954.98	21187.96	0.97	ppb
Rhodium	103-1				79		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	3.52	4.67	4.80	4.33	16.27	ppb
Selenium	77-2	0.00	0.00	1.13	0.38	173.21	ppb
Selenium	78-2	0.59	0.97	0.29	0.62	55.50	ppb
Silicon	28-1	5549.00	5755.93	5831.54	5712.16	2.56	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.70	ppb
Silver	109-1	0.01	0.02	0.02	0.02	28.95	ppb
Sodium	23-2	485317.77	484052.68	486048.46	485139.64	0.21	ppb
Strontium	86-1	216.67	221.74	227.24	221.88	2.38	ppb
Strontium	88-1	231.23	231.83	236.41	233.16	1.21	ppb
Sulfur	34-1	41805.06	43181.84	44474.87	43153.92	3.09	ppb
Terbium	159-1				86		%
Terbium	159-2				89		%
Thallium	203-1	0.05	0.05	0.04	0.05	6.90	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.31	ppb
Tin	118-1	0.11	0.11	0.12	0.11	8.31	ppb
Titanium	47-1	4.84	5.25	5.04	5.04	4.04	ppb
Uranium	238-1	0.61	0.63	0.66	0.63	3.68	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-07 Instrumnet Name : P8
Client Sample ID : MJNLB9 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:56:42 DataFile Name : 066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	8.46	8.27	8.16	8.29	1.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				86		%
Yttrium	89-2				84		%
Zinc	66-2	1.11	1.01	1.02	1.05	5.14	ppb
Zirconium	90-1	0.18	0.18	0.19	0.18	5.21	ppb
Zirconium	91-1	0.19	0.20	0.22	0.20	8.68	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-08 Instrumnet Name : P8
Client Sample ID : MJNLC0 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:00:01 DataFile Name : 067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.40	15.11	15.92	15.48	2.67	ppb
Antimony	121-1	0.27	0.26	0.28	0.27	2.90	ppb
Arsenic	75-2	1.62	1.55	1.29	1.49	11.62	ppb
Barium	135-1	4.69	4.67	4.78	4.71	1.17	ppb
Barium	137-1	4.68	4.70	4.91	4.77	2.66	ppb
Beryllium	9-1	0.04	0.07	0.05	0.05	21.21	ppb
Bismuth	209-1				81		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	0.11	0.12	0.09	0.11	17.04	ppb
Cadmium	106-1	-0.91	-0.62	-0.59	-0.71		ppb
Cadmium	111-1	0.00	0.01	0.00	0.00		ppb
Calcium	43-1	25226.61	24835.86	25766.41	25276.29	1.85	ppb
Calcium	44-1	25447.95	25130.20	25641.63	25406.59	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.21	-0.28	-0.30	-0.26		ppb
Cobalt	59-2	0.03	0.04	0.04	0.04	22.00	ppb
Copper	63-2	2.71	2.63	2.72	2.69	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				92		%
Indium	115-1				86		%
Indium	115-2				89		%
Iron	54-2	14.98	13.52	14.82	14.44	5.55	ppb
Iron	56-2	13.85	13.79	13.69	13.78	0.62	ppb
Iron	57-2	14.39	13.65	14.60	14.22	3.50	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.36	0.37	0.37	3.62	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-08 Instrumnet Name : P8
Client Sample ID : MJNLC0 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:00:01 DataFile Name : 067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.39	0.38	0.37	0.38	3.31	ppb
Lead	208-1	0.39	0.37	0.37	0.38	2.52	ppb
Lithium	6-1				85		%
Magnesium	24-2	49004.45	48476.85	49561.52	49014.27	1.11	ppb
Manganese	55-2	4.61	4.54	4.61	4.59	0.95	ppb
Molybdenum	94-1	0.78	0.68	0.75	0.74	6.45	ppb
Molybdenum	95-1	0.84	0.85	0.83	0.84	1.40	ppb
Molybdenum	96-1	0.79	0.77	0.81	0.79	2.48	ppb
Molybdenum	97-1	0.84	0.84	0.84	0.84	0.29	ppb
Molybdenum	98-1	0.80	0.82	0.84	0.82	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.11	1.21	1.18	5.77	ppb
Phosphorus	31-2	34.22	19.70	11.86	21.93	51.73	ppb
Potassium	39-2	14762.76	14473.35	14753.21	14663.11	1.12	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	3.02	2.94	3.18	3.05	3.91	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.38	0.23	-0.38	-0.17		ppb
Silicon	28-1	4762.76	4765.86	4860.04	4796.22	1.15	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.58	ppb
Silver	109-1	0.01	0.01	0.02	0.01	27.15	ppb
Sodium	23-2	307125.89	305466.42	310247.05	307613.12	0.79	ppb
Strontium	86-1	264.36	263.05	269.67	265.69	1.32	ppb
Strontium	88-1	279.20	277.07	284.51	280.26	1.37	ppb
Sulfur	34-1	30567.12	29803.02	30142.54	30170.89	1.27	ppb
Terbium	159-1				89		%
Terbium	159-2				94		%
Thallium	203-1	0.03	0.04	0.03	0.03	11.34	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.43	ppb
Tin	118-1	0.10	0.10	0.10	0.10	3.25	ppb
Titanium	47-1	2.14	2.39	2.22	2.25	5.76	ppb
Uranium	238-1	0.12	0.12	0.12	0.12	2.35	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-08 Instrumnet Name : P8
Client Sample ID : MJNLC0 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:00:01 DataFile Name : 067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	6.79	6.59	6.82	6.73	1.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				88		%
Yttrium	89-2				91		%
Zinc	66-2	1.40	1.26	1.17	1.28	8.99	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	6.36	ppb
Zirconium	91-1	0.02	0.03	0.05	0.03	39.54	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-01 Instrumnet Name : P8
Client Sample ID : MJNLB4 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:03:18 DataFile Name : 068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.68	3.48	3.80	3.65	4.53	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	0.07	ppb
Arsenic	75-2	0.00	-0.03	0.02	0.00		ppb
Barium	135-1	0.04	0.06	0.03	0.05	35.48	ppb
Barium	137-1	0.04	0.04	0.04	0.04	9.07	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	8.63	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.05	-0.02	0.00	0.01	331.14	ppb
Cadmium	106-1	-0.21	-0.76	-1.13	-0.70		ppb
Cadmium	111-1	0.00	-0.01	-0.03	-0.01		ppb
Calcium	43-1	15.63	11.24	12.69	13.19	16.99	ppb
Calcium	44-1	15.43	14.95	14.67	15.02	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.11	-0.01	-0.07		ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	42.01	ppb
Copper	63-2	0.52	0.51	0.50	0.51	2.26	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				94		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	4.79	4.76	3.08	4.21	23.27	ppb
Iron	56-2	3.51	3.75	3.82	3.69	4.30	ppb
Iron	57-2	4.10	4.72	4.40	4.41	7.04	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	7.98	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-01 Instrumnet Name : P8
Client Sample ID : MJNLB4 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:03:18 DataFile Name : 068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.01	0.01	0.01	79.71	ppb
Lead	208-1	0.01	0.01	0.01	0.01	20.88	ppb
Lithium	6-1				91		%
Magnesium	24-2	3.16	3.07	3.31	3.18	3.80	ppb
Manganese	55-2	2.57	2.43	2.55	2.52	2.85	ppb
Molybdenum	94-1	0.00	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	-0.02	-0.01	-0.01		ppb
Molybdenum	97-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.08	0.09	0.09	10.80	ppb
Phosphorus	31-2	-19.52	-20.87	-13.70	-18.03		ppb
Potassium	39-2	23.38	24.11	26.08	24.52	5.70	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	0.62	0.44	0.86	0.64	32.96	ppb
Selenium	77-2	0.00	1.02	0.00	0.34	173.21	ppb
Selenium	78-2	-0.38	-0.08	-0.38	-0.28		ppb
Silicon	28-1	6.47	6.33	6.15	6.32	2.51	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.41	ppb
Sodium	23-2	191.29	186.47	184.93	187.56	1.77	ppb
Strontium	86-1	0.03	0.03	0.02	0.03	22.36	ppb
Strontium	88-1	0.05	0.04	0.05	0.05	4.58	ppb
Sulfur	34-1	-1024.23	-1034.35	-1087.42	-1048.66		ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.02	0.02	0.02	2.17	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.17	ppb
Tin	118-1	0.15	0.15	0.14	0.15	3.87	ppb
Titanium	47-1	0.10	0.07	0.11	0.09	17.55	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-01 Instrumnet Name : P8
Client Sample ID : MJNLB4 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:03:18 DataFile Name : 068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.00	0.01	79.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	0.83	0.81	0.81	0.81	1.62	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	32.93	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	747.76	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-02 Instrumnet Name : P8
Client Sample ID : MJNLG3 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:06:42 DataFile Name : 069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.57	27.83	31.29	29.23	6.24	ppb
Antimony	121-1	1.92	2.00	1.99	1.97	2.29	ppb
Arsenic	75-2	11.58	11.35	11.57	11.50	1.13	ppb
Barium	135-1	3.63	3.71	3.85	3.73	3.02	ppb
Barium	137-1	3.73	3.79	3.79	3.77	1.00	ppb
Beryllium	9-1	0.06	0.06	0.05	0.05	15.16	ppb
Bismuth	209-1				77		%
Bismuth	209-2				76		%
Bromine	81-1						cps
Cadmium	108-1	0.26	0.22	0.26	0.25	9.56	ppb
Cadmium	106-1	-1.03	0.56	-1.44	-0.64		ppb
Cadmium	111-1	0.00	0.05	0.01	0.02	135.94	ppb
Calcium	43-1	32602.69	33896.87	33728.25	33409.27	2.11	ppb
Calcium	44-1	32828.56	33702.39	33554.89	33361.95	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.57	0.45	0.49	0.50	12.23	ppb
Cobalt	59-2	0.18	0.19	0.21	0.19	6.39	ppb
Copper	63-2	87.71	87.18	87.82	87.57	0.39	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				86		%
Holmium	165-2				87		%
Indium	115-1				82		%
Indium	115-2				82		%
Iron	54-2	65.06	65.22	67.15	65.81	1.76	ppb
Iron	56-2	65.33	65.03	66.00	65.46	0.76	ppb
Iron	57-2	68.33	68.72	66.03	67.70	2.15	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.14	0.15	0.14	5.38	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-02 Instrumnet Name : P8
Client Sample ID : MJNLG3 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:06:42 DataFile Name : 069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.15	0.14	0.14	0.15	1.80	ppb
Lead	208-1	0.13	0.14	0.14	0.14	4.56	ppb
Lithium	6-1				82		%
Magnesium	24-2	89572.25	89809.89	89270.37	89550.84	0.30	ppb
Manganese	55-2	10.28	9.74	9.87	9.96	2.84	ppb
Molybdenum	94-1	4.72	4.84	4.86	4.81	1.55	ppb
Molybdenum	95-1	4.33	4.61	4.59	4.51	3.41	ppb
Molybdenum	96-1	4.37	4.56	4.49	4.47	2.19	ppb
Molybdenum	97-1	4.50	4.64	4.59	4.58	1.51	ppb
Molybdenum	98-1	4.43	4.54	4.59	4.52	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.58	2.40	2.61	2.53	4.54	ppb
Phosphorus	31-2	127.00	128.77	146.92	134.23	8.21	ppb
Potassium	39-2	37350.72	36479.74	36935.24	36921.90	1.18	ppb
Rhodium	103-1				78		%
Rhodium	103-2				78		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	82-1	6.36	7.63	7.75	7.24	10.62	ppb
Selenium	77-2	1.15	0.00	0.00	0.38	173.21	ppb
Selenium	78-2	1.32	0.99	-0.03	0.76	93.19	ppb
Silicon	28-1	3167.87	3267.43	3208.08	3214.46	1.56	ppb
Silver	107-1	0.03	0.03	0.02	0.03	9.86	ppb
Silver	109-1	0.03	0.03	0.03	0.03	14.95	ppb
Sodium	23-2	870399.75	863276.30	870275.53	867983.86	0.47	ppb
Strontium	86-1	482.18	501.80	490.23	491.40	2.01	ppb
Strontium	88-1	474.32	491.61	489.75	485.23	1.96	ppb
Sulfur	34-1	81506.54	83786.04	83787.14	83026.57	1.59	ppb
Terbium	159-1				86		%
Terbium	159-2				88		%
Thallium	203-1	0.05	0.04	0.05	0.05	10.94	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	8.91	ppb
Tin	118-1	0.27	0.26	0.26	0.27	2.26	ppb
Titanium	47-1	3.83	4.09	4.03	3.98	3.41	ppb
Uranium	238-1	0.39	0.39	0.41	0.40	2.29	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-02 Instrumnet Name : P8
Client Sample ID : MJNLG3 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:06:42 DataFile Name : 069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	11.46	11.64	11.45	11.52	0.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				86		%
Yttrium	89-2				82		%
Zinc	66-2	4.48	4.71	4.52	4.57	2.68	ppb
Zirconium	90-1	0.56	0.58	0.57	0.57	2.11	ppb
Zirconium	91-1	0.56	0.56	0.57	0.56	1.57	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-03 Instrumnet Name : P8
Client Sample ID : MJNLG3D Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:09:57 DataFile Name : 070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.67	28.62	30.48	29.59	3.14	ppb
Antimony	121-1	2.68	2.05	1.97	2.23	17.33	ppb
Arsenic	75-2	10.82	13.02	11.67	11.83	9.38	ppb
Barium	135-1	5.08	3.87	3.77	4.24	17.20	ppb
Barium	137-1	5.04	3.86	3.96	4.28	15.25	ppb
Beryllium	9-1	0.10	0.07	0.07	0.08	25.13	ppb
Bismuth	209-1				70		%
Bismuth	209-2				77		%
Bromine	81-1						cps
Cadmium	108-1	0.34	0.21	0.18	0.24	34.85	ppb
Cadmium	106-1	-0.87	-0.55	-0.16	-0.53		ppb
Cadmium	111-1	0.04	0.03	0.03	0.03	12.74	ppb
Calcium	43-1	45431.90	35870.58	33794.53	38365.67	16.18	ppb
Calcium	44-1	46211.53	34700.00	33536.89	38149.47	18.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.36	0.43	0.38	10.66	ppb
Cobalt	59-2	0.20	0.18	0.19	0.19	4.93	ppb
Copper	63-2	86.89	88.18	87.43	87.50	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				79		%
Holmium	165-2				87		%
Indium	115-1				74		%
Indium	115-2				83		%
Iron	54-2	65.87	66.47	63.04	65.12	2.81	ppb
Iron	56-2	64.97	65.71	64.35	65.01	1.05	ppb
Iron	57-2	66.81	67.39	68.00	67.40	0.89	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.15	0.12	0.16	30.99	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-03 Instrumnet Name : P8
Client Sample ID : MJNLG3D Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:09:57 DataFile Name : 070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.17	0.14	0.13	0.15	15.96	ppb
Lead	208-1	0.19	0.13	0.13	0.15	23.08	ppb
Lithium	6-1				76		%
Magnesium	24-2	89291.50	89270.15	89046.29	89202.65	0.15	ppb
Manganese	55-2	9.76	9.35	9.54	9.55	2.15	ppb
Molybdenum	94-1	6.44	4.86	4.88	5.39	16.85	ppb
Molybdenum	95-1	6.24	4.72	4.57	5.18	17.85	ppb
Molybdenum	96-1	6.16	4.66	4.51	5.11	17.80	ppb
Molybdenum	97-1	6.15	4.69	4.67	5.17	16.49	ppb
Molybdenum	98-1	6.09	4.56	4.44	5.03	18.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.46	2.47	2.47	2.47	0.24	ppb
Phosphorus	31-2	103.53	141.10	110.42	118.35	16.90	ppb
Potassium	39-2	37456.95	37304.32	37020.57	37260.61	0.59	ppb
Rhodium	103-1				70		%
Rhodium	103-2				78		%
Scandium	45-1				80		%
Scandium	45-2				85		%
Selenium	82-1	9.90	7.53	8.17	8.53	14.35	ppb
Selenium	77-2	1.15	0.00	1.14	0.76	86.60	ppb
Selenium	78-2	2.32	2.33	0.63	1.76	55.70	ppb
Silicon	28-1	4476.34	3343.16	3237.94	3685.81	18.63	ppb
Silver	107-1	0.04	0.03	0.03	0.03	20.21	ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.00	ppb
Sodium	23-2	869140.50	872818.28	864571.90	868843.56	0.48	ppb
Strontium	86-1	670.83	503.17	488.65	554.22	18.27	ppb
Strontium	88-1	663.77	502.37	491.39	552.51	17.47	ppb
Sulfur	34-1	115677.54	85553.82	83525.72	94919.02	18.97	ppb
Terbium	159-1				78		%
Terbium	159-2				87		%
Thallium	203-1	0.06	0.05	0.06	0.05	12.83	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	15.86	ppb
Tin	118-1	0.38	0.27	0.29	0.31	18.99	ppb
Titanium	47-1	5.43	3.87	4.02	4.44	19.36	ppb
Uranium	238-1	0.52	0.40	0.39	0.44	16.35	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-03 Instrumnet Name : P8
Client Sample ID : MJNLG3D Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:09:57 DataFile Name : 070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	11.59	11.68	11.46	11.58	0.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				78		%
Yttrium	89-2				82		%
Zinc	66-2	4.49	4.43	5.02	4.64	7.01	ppb
Zirconium	90-1	0.76	0.58	0.58	0.64	16.14	ppb
Zirconium	91-1	0.79	0.62	0.56	0.66	18.63	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-02LX5 Instrumnet Name : P8
Client Sample ID : MJNLG3L Dilution Factor : 5
Date & Time Acquired : 2025-01-21 18:13:14 DataFile Name : 071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.81	6.72	6.15	6.56	5.40	ppb
Antimony	121-1	0.39	0.41	0.39	0.39	2.81	ppb
Arsenic	75-2	2.27	1.95	2.27	2.16	8.29	ppb
Barium	135-1	0.72	0.74	0.75	0.73	2.06	ppb
Barium	137-1	0.75	0.79	0.72	0.75	4.18	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	11.25	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.05	0.11	0.08	37.64	ppb
Cadmium	106-1	-1.31	-0.18	-1.05	-0.84		ppb
Cadmium	111-1	-0.03	0.00	-0.02	-0.01		ppb
Calcium	43-1	6660.81	6387.67	6256.94	6435.14	3.20	ppb
Calcium	44-1	6964.32	6629.04	6540.15	6711.17	3.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.20	-0.20	-0.21	-0.20		ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	3.19	ppb
Copper	63-2	18.74	19.53	19.61	19.29	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				92		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	54-2	12.56	12.41	13.03	12.67	2.54	ppb
Iron	56-2	12.39	12.97	12.56	12.64	2.36	ppb
Iron	57-2	12.70	13.39	13.69	13.26	3.80	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.02	-0.02	-0.02		ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-02LX5 Instrumnet Name : P8
Client Sample ID : MJNLG3L Dilution Factor : 5
Date & Time Acquired : 2025-01-21 18:13:14 DataFile Name : 071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.01	-0.02	-0.02	-0.02		ppb
Lead	208-1	-0.01	-0.03	-0.02	-0.02		ppb
Lithium	6-1				90		%
Magnesium	24-2	17866.53	18305.04	18224.34	18131.97	1.29	ppb
Manganese	55-2	2.11	1.96	2.02	2.03	3.77	ppb
Molybdenum	94-1	0.93	0.88	0.82	0.88	6.22	ppb
Molybdenum	95-1	0.89	0.87	0.87	0.87	1.44	ppb
Molybdenum	96-1	0.84	0.82	0.84	0.84	1.52	ppb
Molybdenum	97-1	0.84	0.91	0.84	0.86	4.72	ppb
Molybdenum	98-1	0.87	0.83	0.85	0.85	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.40	0.29	0.33	20.41	ppb
Phosphorus	31-2	11.45	24.11	8.34	14.63	57.06	ppb
Potassium	39-2	7086.09	7175.86	7183.60	7148.52	0.76	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	82-1	1.69	1.79	2.36	1.95	18.50	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.38	1.17	0.24	0.34	225.98	ppb
Silicon	28-1	669.37	647.64	639.78	652.26	2.35	ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.65	ppb
Silver	109-1	0.01	0.01	0.01	0.01	5.78	ppb
Sodium	23-2	174844.16	176407.27	177102.44	176117.96	0.66	ppb
Strontium	86-1	91.05	89.44	88.97	89.82	1.22	ppb
Strontium	88-1	98.78	96.18	93.11	96.02	2.96	ppb
Sulfur	34-1	16833.07	16449.20	15700.65	16327.64	3.53	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.03	0.02	0.02	0.02	7.23	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	17.33	ppb
Tin	118-1	0.07	0.28	0.04	0.13	101.62	ppb
Titanium	47-1	0.81	0.75	0.67	0.74	9.69	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	6.05	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-02LX5 Instrumnet Name : P8
Client Sample ID : MJNLG3L Dilution Factor : 5
Date & Time Acquired : 2025-01-21 18:13:14 DataFile Name : 071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.14	2.34	2.27	2.25	4.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	0.83	1.05	1.20	1.03	17.98	ppb
Zirconium	90-1	0.12	0.11	0.10	0.11	8.79	ppb
Zirconium	91-1	0.11	0.11	0.10	0.11	5.02	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-04 Instrumnet Name : P8
Client Sample ID : MJNLG3S Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:16:29 DataFile Name : 072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1863.64	1876.36	1816.91	1852.30	1.69	ppb
Antimony	121-1	106.12	101.97	99.66	102.58	3.19	ppb
Arsenic	75-2	52.33	51.83	48.37	50.84	4.24	ppb
Barium	135-1	2244.57	2138.52	2092.37	2158.49	3.62	ppb
Barium	137-1	2248.44	2135.34	2059.26	2147.68	4.43	ppb
Beryllium	9-1	52.35	49.45	49.36	50.39	3.37	ppb
Bismuth	209-1				74		%
Bismuth	209-2				78		%
Bromine	81-1						cps
Cadmium	108-1	41.73	40.80	40.23	40.92	1.85	ppb
Cadmium	106-1	40.68	39.60	38.27	39.52	3.04	ppb
Cadmium	111-1	50.00	47.91	45.74	47.88	4.45	ppb
Calcium	43-1	37677.03	34349.36	33948.25	35324.88	5.79	ppb
Calcium	44-1	36770.62	34541.92	33761.87	35024.80	4.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	193.06	193.54	189.71	192.11	1.09	ppb
Cobalt	59-2	515.74	509.30	504.94	509.99	1.07	ppb
Copper	63-2	333.15	330.62	327.99	330.59	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				88		%
Indium	115-1				79		%
Indium	115-2				85		%
Iron	54-2	1202.82	1198.04	1191.02	1197.29	0.50	ppb
Iron	56-2	1124.33	1086.46	1088.30	1099.70	1.94	ppb
Iron	57-2	1077.01	1062.00	1027.92	1055.64	2.38	ppb
Krypton	83-1						cps
Lead	206-1	22.14	20.73	20.57	21.15	4.08	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-04 Instrumnet Name : P8
Client Sample ID : MJNLG3S Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:16:29 DataFile Name : 072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	22.23	20.61	20.60	21.14	4.43	ppb
Lead	208-1	22.09	20.66	20.56	21.10	4.06	ppb
Lithium	6-1				79		%
Magnesium	24-2	87621.26	87908.74	86565.80	87365.27	0.81	ppb
Manganese	55-2	501.54	500.95	488.69	497.06	1.46	ppb
Molybdenum	94-1	5.44	4.91	4.84	5.07	6.47	ppb
Molybdenum	95-1	4.95	4.67	4.66	4.76	3.43	ppb
Molybdenum	96-1	4.95	4.64	4.66	4.75	3.68	ppb
Molybdenum	97-1	5.09	4.73	4.61	4.81	5.23	ppb
Molybdenum	98-1	4.99	4.61	4.48	4.69	5.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.61	501.06	492.03	498.90	1.22	ppb
Phosphorus	31-2	115.27	135.20	112.59	121.02	10.21	ppb
Potassium	39-2	36128.98	36053.78	36230.25	36137.67	0.25	ppb
Rhodium	103-1				74		%
Rhodium	103-2				80		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	82-1	111.44	103.80	104.76	106.67	3.90	ppb
Selenium	77-2	94.02	102.81	101.89	99.57	4.85	ppb
Selenium	78-2	95.65	100.05	95.16	96.95	2.78	ppb
Silicon	28-1	3526.12	3277.14	3263.95	3355.74	4.40	ppb
Silver	107-1	47.60	45.64	44.95	46.06	2.99	ppb
Silver	109-1	48.50	46.52	45.51	46.84	3.25	ppb
Sodium	23-2	862294.95	854817.06	843989.52	853700.51	1.08	ppb
Strontium	86-1	535.90	502.06	490.70	509.55	4.61	ppb
Strontium	88-1	539.39	496.24	479.36	505.00	6.13	ppb
Sulfur	34-1	91966.45	85725.32	83773.56	87155.11	4.91	ppb
Terbium	159-1				82		%
Terbium	159-2				88		%
Thallium	203-1	53.08	49.31	49.81	50.73	4.04	ppb
Thallium	205-1	53.01	50.01	49.47	50.83	3.75	ppb
Tin	118-1	0.84	0.81	0.80	0.82	2.41	ppb
Titanium	47-1	4.36	3.97	4.20	4.18	4.72	ppb
Uranium	238-1	0.44	0.41	0.40	0.41	5.04	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-04 Instrumnet Name : P8
Client Sample ID : MJNLG3S Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:16:29 DataFile Name : 072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	516.66	512.26	503.49	510.80	1.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				83		%
Yttrium	89-2				86		%
Zinc	66-2	483.24	482.52	480.58	482.11	0.29	ppb
Zirconium	90-1	0.63	0.57	0.58	0.59	5.18	ppb
Zirconium	91-1	0.60	0.62	0.58	0.60	3.33	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-05 Instrumnet Name : P8
Client Sample ID : MJNLG4 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:19:42 DataFile Name : 073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.76	5.89	5.57	5.74	2.84	ppb
Antimony	121-1	0.38	0.36	0.34	0.36	4.91	ppb
Arsenic	75-2	3.40	3.15	2.82	3.12	9.21	ppb
Barium	135-1	2.99	2.68	2.58	2.75	7.63	ppb
Barium	137-1	2.98	2.68	2.71	2.79	5.92	ppb
Beryllium	9-1	0.08	0.06	0.06	0.07	14.51	ppb
Bismuth	209-1				77		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Cadmium	108-1	0.13	0.04	0.10	0.09	48.96	ppb
Cadmium	106-1	-1.25	-0.74	-0.81	-0.93		ppb
Cadmium	111-1	-0.01	-0.01	0.00	-0.01		ppb
Calcium	43-1	33180.66	29791.86	29626.42	30866.31	6.50	ppb
Calcium	44-1	32499.05	29828.88	29459.39	30595.78	5.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	0.02	0.04	0.03	0.03	25.44	ppb
Copper	63-2	10.65	10.82	10.98	10.82	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				90		%
Indium	115-1				81		%
Indium	115-2				87		%
Iron	54-2	6.33	5.41	5.34	5.69	9.72	ppb
Iron	56-2	5.93	5.49	5.64	5.69	3.98	ppb
Iron	57-2	7.14	8.67	7.00	7.60	12.13	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	18.32	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-05 Instrumnet Name : P8
Client Sample ID : MJNLG4 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:19:42 DataFile Name : 073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.01	0.01	0.02	53.56	ppb
Lead	208-1	0.02	0.01	0.01	0.01	11.05	ppb
Lithium	6-1				81		%
Magnesium	24-2	73870.52	73414.24	73156.01	73480.25	0.49	ppb
Manganese	55-2	2.61	2.53	2.54	2.56	1.70	ppb
Molybdenum	94-1	1.48	1.27	1.25	1.33	9.54	ppb
Molybdenum	95-1	1.63	1.48	1.47	1.53	5.87	ppb
Molybdenum	96-1	1.51	1.36	1.41	1.43	5.27	ppb
Molybdenum	97-1	1.58	1.41	1.45	1.48	6.02	ppb
Molybdenum	98-1	1.58	1.41	1.41	1.46	6.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	1.18	1.12	1.07	13.41	ppb
Phosphorus	31-2	58.65	51.86	63.47	57.99	10.06	ppb
Potassium	39-2	25585.00	25151.54	25256.09	25330.88	0.89	ppb
Rhodium	103-1				77		%
Rhodium	103-2				82		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	5.73	5.35	5.61	5.56	3.53	ppb
Selenium	77-2	0.00	0.00	1.05	0.35	173.21	ppb
Selenium	78-2	-0.07	1.15	-0.07	0.34	208.16	ppb
Silicon	28-1	6209.03	5697.77	5670.35	5859.05	5.18	ppb
Silver	107-1	0.08	0.06	0.05	0.06	25.97	ppb
Silver	109-1	0.08	0.05	0.04	0.06	29.31	ppb
Sodium	23-2	582053.30	584403.06	588160.47	584872.28	0.53	ppb
Strontium	86-1	431.87	394.89	387.56	404.77	5.87	ppb
Strontium	88-1	418.87	390.35	384.58	397.93	4.61	ppb
Sulfur	34-1	60303.62	54540.05	53635.76	56159.81	6.44	ppb
Terbium	159-1				86		%
Terbium	159-2				91		%
Thallium	203-1	0.04	0.04	0.04	0.04	6.29	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	4.20	ppb
Tin	118-1	0.15	0.11	0.14	0.13	14.19	ppb
Titanium	47-1	2.58	2.46	2.44	2.49	3.04	ppb
Uranium	238-1	0.28	0.26	0.26	0.27	5.03	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-05 Instrumnet Name : P8
Client Sample ID : MJNLG4 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:19:42 DataFile Name : 073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	8.07	8.17	8.19	8.14	0.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				86		%
Yttrium	89-2				90		%
Zinc	66-2	2.20	2.16	1.84	2.07	9.35	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	6.40	ppb
Zirconium	91-1	0.05	0.05	0.08	0.06	26.31	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-06 Instrumnet Name : P8
Client Sample ID : MJNLG6 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:22:56 DataFile Name : 074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.66	5.40	6.65	6.24	11.64	ppb
Antimony	121-1	0.37	0.30	0.35	0.34	10.56	ppb
Arsenic	75-2	3.15	3.11	3.84	3.37	12.07	ppb
Barium	135-1	2.74	2.28	2.47	2.49	9.25	ppb
Barium	137-1	2.81	2.30	2.55	2.55	10.01	ppb
Beryllium	9-1	0.07	0.04	0.05	0.05	27.59	ppb
Bismuth	209-1				82		%
Bismuth	209-2				78		%
Bromine	81-1						cps
Cadmium	108-1	0.21	0.05	0.08	0.12	74.78	ppb
Cadmium	106-1	-1.21	0.59	-0.90	-0.51		ppb
Cadmium	111-1	-0.02	0.02	0.00	0.00	3136.81	ppb
Calcium	43-1	31324.87	25612.60	29318.21	28751.89	10.08	ppb
Calcium	44-1	31476.36	25718.72	28697.17	28630.75	10.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.85	0.86	1.06	0.92	12.87	ppb
Cobalt	59-2	0.02	0.02	0.04	0.03	35.57	ppb
Copper	63-2	10.61	10.63	11.91	11.05	6.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				87		%
Indium	115-1				88		%
Indium	115-2				83		%
Iron	54-2	13.10	13.22	16.34	14.22	12.91	ppb
Iron	56-2	12.55	12.40	14.38	13.11	8.40	ppb
Iron	57-2	14.15	14.32	16.09	14.85	7.22	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	907680.90	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-06 Instrumnet Name : P8
Client Sample ID : MJNLG6 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:22:56 DataFile Name : 074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	-0.02	0.00	0.00		ppb
Lead	208-1	0.01	-0.02	0.00	0.00		ppb
Lithium	6-1				87		%
Magnesium	24-2	74176.07	72864.96	83097.07	76712.70	7.26	ppb
Manganese	55-2	1.90	1.63	1.86	1.79	8.11	ppb
Molybdenum	94-1	1.35	1.10	1.28	1.25	10.59	ppb
Molybdenum	95-1	1.57	1.27	1.45	1.43	10.62	ppb
Molybdenum	96-1	1.43	1.21	1.40	1.35	8.90	ppb
Molybdenum	97-1	1.44	1.19	1.40	1.34	10.11	ppb
Molybdenum	98-1	1.51	1.22	1.36	1.36	10.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.39	1.73	1.47	15.14	ppb
Phosphorus	31-2	60.07	72.03	100.32	77.47	26.68	ppb
Potassium	39-2	25837.07	25259.13	28702.13	26599.45	6.93	ppb
Rhodium	103-1				83		%
Rhodium	103-2				80		%
Scandium	45-1				94		%
Scandium	45-2				85		%
Selenium	82-1	4.92	5.08	5.83	5.28	9.24	ppb
Selenium	77-2	1.04	1.06	0.00	0.70	86.61	ppb
Selenium	78-2	0.85	0.87	1.71	1.14	42.95	ppb
Silicon	28-1	5972.96	4938.03	5389.89	5433.63	9.55	ppb
Silver	107-1	0.03	0.02	0.03	0.03	17.37	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.35	ppb
Sodium	23-2	595338.86	583539.67	660331.05	613069.86	6.75	ppb
Strontium	86-1	414.98	339.51	376.91	377.14	10.01	ppb
Strontium	88-1	407.15	334.93	378.55	373.54	9.74	ppb
Sulfur	34-1	57470.99	46703.05	51677.49	51950.51	10.37	ppb
Terbium	159-1				91		%
Terbium	159-2				88		%
Thallium	203-1	0.03	0.02	0.02	0.03	14.53	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	25.03	ppb
Tin	118-1	0.13	0.08	0.10	0.10	20.23	ppb
Titanium	47-1	2.43	2.03	2.31	2.26	9.09	ppb
Uranium	238-1	0.28	0.23	0.25	0.25	10.34	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-06 Instrumnet Name : P8
Client Sample ID : MJNLG6 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:22:56 DataFile Name : 074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	8.15	7.98	9.05	8.39	6.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				87		%
Zinc	66-2	1.65	1.49	2.06	1.73	16.97	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	9.13	ppb
Zirconium	91-1	0.06	0.05	0.07	0.06	10.67	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-07 Instrumnet Name : P8
Client Sample ID : MJNLG7 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:26:14 DataFile Name : 075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.14	4.66	4.49	4.76	7.07	ppb
Antimony	121-1	0.21	0.23	0.22	0.22	3.35	ppb
Arsenic	75-2	3.07	3.21	3.35	3.21	4.44	ppb
Barium	135-1	2.96	2.94	3.00	2.97	1.13	ppb
Barium	137-1	3.03	2.97	3.04	3.01	1.25	ppb
Beryllium	9-1	0.05	0.05	0.06	0.05	10.32	ppb
Bismuth	209-1				82		%
Bismuth	209-2				78		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.08	0.08	0.07	46.67	ppb
Cadmium	106-1	-0.44	-0.70	-0.11	-0.41		ppb
Cadmium	111-1	0.00	0.00	0.00	0.00	2729.51	ppb
Calcium	43-1	18635.35	18827.84	18839.09	18767.43	0.61	ppb
Calcium	44-1	19468.26	20027.58	19887.58	19794.48	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.15	-0.12	-0.12	-0.13		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	107.16	ppb
Copper	63-2	7.44	8.06	8.35	7.95	5.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				87		%
Indium	115-1				87		%
Indium	115-2				83		%
Iron	54-2	4.28	5.70	6.51	5.49	20.55	ppb
Iron	56-2	5.03	5.59	5.97	5.53	8.55	ppb
Iron	57-2	4.65	5.46	7.33	5.82	23.67	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.02	-0.01	-0.02		ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-07 Instrumnet Name : P8
Client Sample ID : MJNLG7 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:26:14 DataFile Name : 075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.02	-0.02	-0.02	-0.02		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				85		%
Magnesium	24-2	46601.33	49248.48	53307.10	49718.97	6.79	ppb
Manganese	55-2	1.95	1.85	2.06	1.95	5.32	ppb
Molybdenum	94-1	1.22	1.26	1.30	1.26	3.30	ppb
Molybdenum	95-1	1.46	1.43	1.44	1.44	1.23	ppb
Molybdenum	96-1	1.36	1.42	1.37	1.38	2.43	ppb
Molybdenum	97-1	1.46	1.42	1.38	1.42	2.60	ppb
Molybdenum	98-1	1.36	1.37	1.40	1.37	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.23	1.28	1.19	9.90	ppb
Phosphorus	31-2	77.49	52.75	59.46	63.23	20.23	ppb
Potassium	39-2	21820.20	22767.00	24969.40	23185.53	6.97	ppb
Rhodium	103-1				82		%
Rhodium	103-2				80		%
Scandium	45-1				92		%
Scandium	45-2				85		%
Selenium	82-1	3.41	4.43	4.37	4.07	14.00	ppb
Selenium	77-2	3.13	0.00	1.16	1.43	110.62	ppb
Selenium	78-2	-0.38	0.27	0.99	0.29	231.83	ppb
Silicon	28-1	5727.50	5767.40	5726.18	5740.36	0.41	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.54	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.74	ppb
Sodium	23-2	500178.70	527312.69	557513.60	528334.99	5.43	ppb
Strontium	86-1	227.41	227.84	227.19	227.48	0.14	ppb
Strontium	88-1	240.13	242.39	240.46	240.99	0.51	ppb
Sulfur	34-1	42990.92	43661.72	43317.15	43323.26	0.77	ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	0.02	0.02	0.02	0.02	3.86	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	11.24	ppb
Tin	118-1	0.13	0.13	0.14	0.13	5.67	ppb
Titanium	47-1	2.17	2.25	2.17	2.20	1.88	ppb
Uranium	238-1	0.53	0.54	0.53	0.54	0.93	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-07 Instrumnet Name : P8
Client Sample ID : MJNLG7 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:26:14 DataFile Name : 075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	8.06	8.42	8.87	8.45	4.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				86		%
Zinc	66-2	0.82	0.71	0.77	0.77	7.33	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	4.21	ppb
Zirconium	91-1	0.07	0.07	0.05	0.06	22.00	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-08 Instrumnet Name : P8
Client Sample ID : MJNLG8 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:29:30 DataFile Name : 076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.76	4.03	3.51	3.76	6.81	ppb
Antimony	121-1	0.25	0.25	0.25	0.25	1.77	ppb
Arsenic	75-2	1.25	1.47	1.29	1.34	8.63	ppb
Barium	135-1	4.26	3.93	4.13	4.11	3.96	ppb
Barium	137-1	4.44	4.19	4.18	4.27	3.43	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	7.13	ppb
Bismuth	209-1				85		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.03	0.05	0.04	18.81	ppb
Cadmium	106-1	-0.40	-0.32	-0.28	-0.33		ppb
Cadmium	111-1	0.00	0.00	0.00	0.00	230.44	ppb
Calcium	43-1	22513.72	20785.03	21708.02	21668.92	3.99	ppb
Calcium	44-1	23659.19	22208.40	22920.83	22929.47	3.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.26	-0.26	-0.29	-0.27		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	195.68	ppb
Copper	63-2	2.78	2.80	2.85	2.81	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	54-2	4.89	6.73	6.11	5.91	15.84	ppb
Iron	56-2	5.76	5.58	5.81	5.72	2.12	ppb
Iron	57-2	6.27	6.54	8.45	7.09	16.78	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.03	21.93	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-08 Instrumnet Name : P8
Client Sample ID : MJNLG8 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:29:30 DataFile Name : 076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.00	0.01	0.02	96.29	ppb
Lead	208-1	0.03	0.01	0.02	0.02	63.28	ppb
Lithium	6-1				88		%
Magnesium	24-2	44765.28	43893.24	44547.11	44401.88	1.02	ppb
Manganese	55-2	2.70	2.48	2.73	2.64	5.21	ppb
Molybdenum	94-1	0.67	0.64	0.64	0.65	3.07	ppb
Molybdenum	95-1	0.81	0.76	0.76	0.78	3.92	ppb
Molybdenum	96-1	0.75	0.72	0.71	0.73	2.53	ppb
Molybdenum	97-1	0.71	0.68	0.75	0.71	5.13	ppb
Molybdenum	98-1	0.75	0.72	0.71	0.73	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	0.92	1.26	1.12	15.76	ppb
Phosphorus	31-2	17.55	16.94	19.32	17.93	6.89	ppb
Potassium	39-2	13242.52	13483.71	13422.82	13383.01	0.94	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	2.65	2.38	2.62	2.55	5.96	ppb
Selenium	77-2	1.01	0.00	0.00	0.34	173.21	ppb
Selenium	78-2	-0.08	-0.07	0.22	0.02	754.63	ppb
Silicon	28-1	4529.88	4298.29	4435.63	4421.27	2.63	ppb
Silver	107-1	0.01	0.02	0.01	0.01	35.06	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.65	ppb
Sodium	23-2	273296.82	270728.33	274904.73	272976.63	0.77	ppb
Strontium	86-1	239.84	230.26	235.97	235.36	2.05	ppb
Strontium	88-1	256.29	240.65	252.56	249.83	3.27	ppb
Sulfur	34-1	27838.39	24986.47	26277.28	26367.38	5.42	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.00	0.01	0.01	45.60	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	31.93	ppb
Tin	118-1	0.16	0.15	0.16	0.16	1.64	ppb
Titanium	47-1	1.63	1.55	1.57	1.58	2.67	ppb
Uranium	238-1	0.11	0.09	0.10	0.10	8.60	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-08 Instrumnet Name : P8
Client Sample ID : MJNLG8 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:29:30 DataFile Name : 076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	6.04	6.10	6.41	6.18	3.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	1.80	1.53	2.05	1.79	14.59	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	25.28	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	60.20	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV004 Instrumnet Name : P8
Client Sample ID : CCV004 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:32:49 DataFile Name : 077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47721.35	47847.73	47545.11	47704.73	0.32	ppb
Antimony	121-1	491.70	483.27	494.33	489.77	1.18	ppb
Arsenic	75-2	485.25	479.36	492.68	485.76	1.37	ppb
Barium	135-1	2466.05	2440.63	2448.75	2451.81	0.53	ppb
Barium	137-1	2414.77	2416.73	2474.47	2435.32	1.39	ppb
Beryllium	9-1	486.53	490.84	493.87	490.41	0.75	ppb
Bismuth	209-1				79		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Cadmium	108-1	479.65	484.09	491.19	484.98	1.20	ppb
Cadmium	106-1	478.57	488.81	487.01	484.80	1.13	ppb
Cadmium	111-1	449.71	453.90	456.21	453.27	0.73	ppb
Calcium	43-1	242516.00	237079.31	241163.27	240252.86	1.18	ppb
Calcium	44-1	239189.60	237385.86	239739.77	238771.74	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	459.89	463.84	465.40	463.05	0.61	ppb
Cobalt	59-2	494.37	483.29	497.21	491.62	1.50	ppb
Copper	63-2	4727.25	4693.92	4731.88	4717.69	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				91		%
Indium	115-1				84		%
Indium	115-2				86		%
Iron	54-2	121775.69	121761.63	123413.18	122316.83	0.78	ppb
Iron	56-2	122704.61	123093.14	124503.00	123433.59	0.77	ppb
Iron	57-2	124534.96	123385.06	125491.62	124470.55	0.85	ppb
Krypton	83-1						cps
Lead	206-1	2532.12	2500.54	2548.96	2527.20	0.97	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV004 Instrumnet Name : P8
Client Sample ID : CCV004 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:32:49 DataFile Name : 077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2581.12	2549.52	2540.89	2557.18	0.83	ppb
Lead	208-1	2541.47	2516.87	2522.65	2527.00	0.51	ppb
Lithium	6-1				83		%
Magnesium	24-2	258109.81	258404.18	257486.82	258000.27	0.18	ppb
Manganese	55-2	4955.15	4955.56	5017.68	4976.13	0.72	ppb
Molybdenum	94-1	4915.36	4880.88	4896.36	4897.53	0.35	ppb
Molybdenum	95-1	4872.64	4885.20	4871.70	4876.51	0.15	ppb
Molybdenum	96-1	4831.15	4860.63	4882.15	4857.98	0.53	ppb
Molybdenum	97-1	4829.50	4824.38	4867.74	4840.54	0.49	ppb
Molybdenum	98-1	4850.80	4898.47	4879.53	4876.27	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.01	477.16	482.75	479.64	0.59	ppb
Phosphorus	31-2	9781.29	9842.58	9893.91	9839.26	0.57	ppb
Potassium	39-2	120072.09	119566.54	119663.85	119767.49	0.22	ppb
Rhodium	103-1				80		%
Rhodium	103-2				81		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	464.51	465.24	464.74	464.83	0.08	ppb
Selenium	77-2	509.70	437.79	497.55	481.68	7.99	ppb
Selenium	78-2	479.45	496.93	481.57	485.99	1.96	ppb
Silicon	28-1	472.92	476.46	483.74	477.71	1.15	ppb
Silver	107-1	468.83	474.36	465.30	469.50	0.97	ppb
Silver	109-1	468.47	473.24	472.34	471.35	0.54	ppb
Sodium	23-2	245351.70	242296.49	243290.14	243646.11	0.64	ppb
Strontium	86-1	492.05	494.05	494.91	493.67	0.30	ppb
Strontium	88-1	481.80	486.89	489.78	486.16	0.83	ppb
Sulfur	34-1	9562.43	9225.81	9918.72	9568.99	3.62	ppb
Terbium	159-1				89		%
Terbium	159-2				92		%
Thallium	203-1	510.63	508.28	505.91	508.27	0.46	ppb
Thallium	205-1	503.25	506.10	500.04	503.13	0.60	ppb
Tin	118-1	487.26	489.28	489.92	488.82	0.28	ppb
Titanium	47-1	4967.30	4914.77	5007.45	4963.18	0.94	ppb
Uranium	238-1	513.37	514.83	508.37	512.19	0.66	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV004 Instrumnet Name : P8
Client Sample ID : CCV004 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:32:49 DataFile Name : 077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	482.08	483.47	485.64	483.73	0.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				91		%
Zinc	66-2	4766.11	4727.17	4776.44	4756.57	0.55	ppb
Zirconium	90-1	498.48	491.15	494.06	494.56	0.75	ppb
Zirconium	91-1	497.87	498.18	499.96	498.67	0.23	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB004 Instrumnet Name : P8
Client Sample ID : CCB004 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:35:36 DataFile Name : 078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.94	1.04	0.87	0.95	9.16	ppb
Antimony	121-1	0.11	0.10	0.08	0.09	15.57	ppb
Arsenic	75-2	-0.03	0.03	-0.01	0.00		ppb
Barium	135-1	0.22	0.17	0.12	0.17	30.31	ppb
Barium	137-1	0.19	0.14	0.13	0.15	22.72	ppb
Beryllium	9-1	0.14	0.12	0.11	0.12	14.83	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.12	0.07	0.00	0.06	97.18	ppb
Cadmium	106-1	0.22	-0.30	-0.74	-0.27		ppb
Cadmium	111-1	0.05	0.00	0.00	0.02	134.70	ppb
Calcium	43-1	10.78	6.43	4.98	7.39	40.82	ppb
Calcium	44-1	12.44	6.07	4.01	7.51	58.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.31	-0.34	-0.29	-0.32		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	214.68	ppb
Copper	63-2	0.62	0.69	0.64	0.65	5.81	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				95		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	54-2	1.30	1.25	1.07	1.21	9.75	ppb
Iron	56-2	1.25	1.28	1.59	1.38	13.69	ppb
Iron	57-2	1.40	1.97	1.81	1.73	17.16	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.14	0.11	0.16	35.66	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB004 Instrumnet Name : P8
Client Sample ID : CCB004 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:35:36 DataFile Name : 078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.19	0.14	0.10	0.14	31.56	ppb
Lead	208-1	0.21	0.14	0.11	0.15	32.61	ppb
Lithium	6-1				91		%
Magnesium	24-2	4.55	3.80	4.39	4.25	9.33	ppb
Manganese	55-2	0.18	0.18	0.18	0.18	0.72	ppb
Molybdenum	94-1	0.32	0.20	0.14	0.22	41.82	ppb
Molybdenum	95-1	0.32	0.18	0.12	0.21	48.23	ppb
Molybdenum	96-1	0.33	0.17	0.13	0.21	51.11	ppb
Molybdenum	97-1	0.31	0.18	0.10	0.19	53.37	ppb
Molybdenum	98-1	0.31	0.17	0.13	0.20	46.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.30	-0.34	-0.26	-0.30		ppb
Phosphorus	31-2	-12.85	-17.01	-19.81	-16.56		ppb
Potassium	39-2	19.99	23.99	20.23	21.40	10.48	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	0.29	0.34	0.36	0.33	10.23	ppb
Selenium	77-2	0.00	0.99	0.00	0.33	173.21	ppb
Selenium	78-2	0.19	-0.38	-0.08	-0.09		ppb
Silicon	28-1	3.65	3.26	2.90	3.27	11.48	ppb
Silver	107-1	0.06	0.06	0.06	0.06	6.99	ppb
Silver	109-1	0.07	0.05	0.05	0.06	22.46	ppb
Sodium	23-2	183.37	179.44	174.33	179.04	2.53	ppb
Strontium	86-1	0.04	0.03	0.01	0.03	61.46	ppb
Strontium	88-1	0.03	0.02	0.01	0.02	47.57	ppb
Sulfur	34-1	-984.39	-985.28	-1036.64	-1002.10		ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.06	0.05	0.06	19.67	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	17.99	ppb
Tin	118-1	0.06	0.05	0.04	0.05	20.42	ppb
Titanium	47-1	0.30	0.17	0.15	0.21	40.45	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	67.32	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB004 Instrumnet Name : P8
Client Sample ID : CCB004 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:35:36 DataFile Name : 078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.00	0.01	106.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	0.09	0.21	0.19	0.16	38.67	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	33.21	ppb
Zirconium	91-1	0.05	0.02	0.02	0.03	61.99	ppb

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:20:04 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57	57	70	61	12.59	cps
Antimony	121-1	97	83	107	96	12.25	cps
Arsenic	75-2	10	7	3	7	50.03	cps
Barium	135-1	220	297	343	287	21.72	cps
Barium	137-1	447	450	437	444	1.56	cps
Beryllium	9-1	402	334	384	373	9.52	cps
Bismuth	209-1	10360344	10276771	10310994	10316036	0.41	cps
Bismuth	209-2	3969538	3982016	4120843	4024132	2.09	cps
Bromine	81-1	6251	5881	5845	5992	3.76	cps
Cadmium	108-1	23	23	30	26	15.07	cps
Cadmium	106-1	7489	7289	7502	7426	1.61	cps
Cadmium	111-1	1528	1478	1519	1509	1.77	cps
Calcium	43-1	453	483	383	440	11.66	cps
Calcium	44-1	8539	8553	8456	8516	0.62	cps
Carbon	12-1	2831338	2776281	2735677	2781099	1.73	cps
Carbon	12-2	18629	17898	18034	18187	2.14	cps
Chlorine	35-1	59719	59251	59167	59379	0.50	cps
Chlorine	35-2	263	233	220	239	9.29	cps
Chromium	52-2	1740	1883	1850	1825	4.11	cps
Cobalt	59-2	180	217	133	177	23.64	cps
Copper	63-2	2900	2820	2837	2853	1.48	cps
Dysprosium	156-1	153	137	127	139	9.70	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	103	87	110	100	12.02	cps
Erbium	164-2	20	27	33	27	24.99	cps
Gadolinium	160-1	53	57	57	56	3.47	cps
Gadolinium	160-2	13	20	7	13	49.99	cps
Holmium	165-1	16662208	16537576	16583473	16594419	0.38	cps
Holmium	165-2	5545473	5489596	5705492	5580187	2.01	cps
Indium	115-1	12879648	12968941	12803603	12884064	0.64	cps
Indium	115-2	1202031	1191813	1249139	1214327	2.52	cps
Iron	54-2	543	567	537	549	2.87	cps
Iron	56-2	8246	7912	8049	8069	2.08	cps
Iron	57-2	153	190	207	183	14.88	cps
Krypton	83-1	197	177	213	196	9.39	cps
Lead	206-1	1623	1610	1560	1598	2.09	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:20:04 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1553	1383	1460	1466	5.81	cps
Lead	208-1	6664	6564	6637	6622	0.78	cps
Lithium	6-1	8101442	8014166	8184085	8099898	1.05	cps
Magnesium	24-2	537	507	570	538	5.89	cps
Manganese	55-2	187	230	150	189	21.20	cps
Molybdenum	94-1	503	523	540	522	3.52	cps
Molybdenum	95-1	510	547	540	532	3.67	cps
Molybdenum	96-1	627	677	603	636	5.90	cps
Molybdenum	97-1	330	327	340	332	2.09	cps
Molybdenum	98-1	823	720	793	779	6.83	cps
Neodymium	150-1	13	13	30	19	50.96	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1510	1603	1473	1529	4.38	cps
Phosphorus	31-2	40	57	47	48	17.56	cps
Potassium	39-2	6562	6241	6712	6505	3.69	cps
Rhodium	103-1	11920730	11929124	12029071	11959642	0.50	cps
Rhodium	103-2	4433933	4333887	4615175	4460998	3.20	cps
Scandium	45-1	9396702	9407804	9457164	9420556	0.34	cps
Scandium	45-2	164981	160188	168580	164583	2.56	cps
Selenium	82-1	-67	-20	-33	-40	-60.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	10	0	4	114.60	cps
Silicon	28-1	398313	397272	400188	398591	0.37	cps
Silver	107-1	170	167	157	164	4.22	cps
Silver	109-1	63	53	87	68	25.24	cps
Sodium	23-2	18822	18609	18599	18676	0.68	cps
Strontium	86-1	320	310	300	310	3.23	cps
Strontium	88-1	420	410	393	408	3.30	cps
Sulfur	34-1	453463	452031	452297	452597	0.17	cps
Terbium	159-1	17057031	16879024	17043503	16993186	0.58	cps
Terbium	159-2	5377687	5199563	5428875	5335375	2.26	cps
Thallium	203-1	273	247	273	264	5.82	cps
Thallium	205-1	740	710	660	703	5.75	cps
Tin	118-1	882	829	860	857	3.08	cps
Titanium	47-1	103	177	150	143	25.90	cps
Uranium	238-1	173	190	223	196	13.02	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:20:04 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	23	13	13	75.02	cps
Ytterbium	172-1	93	110	77	93	17.86	cps
Ytterbium	172-2	60	40	33	44	31.23	cps
Ytterbium	176-1	2254	1997	2087	2112	6.17	cps
Ytterbium	176-2	373	300	403	359	14.81	cps
Yttrium	89-1	23477573	23426208	23339401	23414394	0.30	cps
Yttrium	89-2	1631182	1595044	1672464	1632897	2.37	cps
Zinc	66-2	220	257	267	248	9.92	cps
Zirconium	90-1	713	770	700	728	5.11	cps
Zirconium	91-1	173	140	147	153	11.51	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:30:11 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1333	1413	1310	1352	4.01	cps
Antimony	121-1	28119	28777	28493	28463	1.16	cps
Arsenic	75-2	360	290	290	313	12.90	cps
Barium	135-1	36506	37164	36920	36863	0.90	cps
Barium	137-1	63414	64392	64566	64124	0.97	cps
Beryllium	9-1	6108	5965	6117	6063	1.40	cps
Bismuth	209-1	10766012	10536128	10306987	10536376	2.18	cps
Bismuth	209-2	4021281	4004073	3989802	4005052	0.39	cps
Bromine	81-1	6008	5875	5898	5927	1.20	cps
Cadmium	108-1	267	337	330	311	12.42	cps
Cadmium	106-1	8172	7902	7582	7886	3.75	cps
Cadmium	111-1	5175	5375	5263	5271	1.91	cps
Calcium	43-1	28956	28241	29139	28779	1.65	cps
Calcium	44-1	465232	469367	468154	467584	0.45	cps
Carbon	12-1	3137300	3113331	3144056	3131562	0.52	cps
Carbon	12-2	20501	20501	20281	20428	0.62	cps
Chlorine	35-1	61868	62243	62387	62166	0.43	cps
Chlorine	35-2	200	267	267	244	15.75	cps
Chromium	52-2	8139	8279	8212	8210	0.85	cps
Cobalt	59-2	6231	6261	6438	6310	1.77	cps
Copper	63-2	12085	12045	12225	12119	0.78	cps
Dysprosium	156-1	93	113	127	111	15.10	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	87	137	80	101	30.63	cps
Erbium	164-2	30	30	27	29	6.65	cps
Gadolinium	160-1	83	73	60	72	16.21	cps
Gadolinium	160-2	3	13	23	13	75.02	cps
Holmium	165-1	17070193	17258683	16817696	17048857	1.30	cps
Holmium	165-2	5617549	5553932	5533170	5568217	0.79	cps
Indium	115-1	13422671	13243966	12881339	13182659	2.09	cps
Indium	115-2	1216836	1219028	1223628	1219830	0.28	cps
Iron	54-2	7522	7579	7559	7553	0.38	cps
Iron	56-2	130826	129861	129101	129929	0.67	cps
Iron	57-2	3107	3170	3224	3167	1.84	cps
Krypton	83-1	207	170	190	189	9.72	cps
Lead	206-1	13901	14128	13631	13886	1.79	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:30:11 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11972	12309	11966	12082	1.63	cps
Lead	208-1	55029	55784	55247	55353	0.70	cps
Lithium	6-1	8279760	8288900	8124333	8230998	1.12	cps
Magnesium	24-2	118590	118557	119495	118881	0.45	cps
Manganese	55-2	1550	1660	1530	1580	4.43	cps
Molybdenum	94-1	31168	30871	32097	31379	2.04	cps
Molybdenum	95-1	37628	37340	37450	37473	0.39	cps
Molybdenum	96-1	41719	41545	41682	41649	0.22	cps
Molybdenum	97-1	22599	23013	23226	22946	1.39	cps
Molybdenum	98-1	60277	60066	61040	60461	0.85	cps
Neodymium	150-1	20	17	23	20	16.65	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3204	3030	3030	3088	3.24	cps
Phosphorus	31-2	123	137	127	129	5.39	cps
Potassium	39-2	70116	68652	69175	69314	1.07	cps
Rhodium	103-1	12317633	12407604	11936423	12220554	2.05	cps
Rhodium	103-2	4461692	4484761	4433811	4460088	0.57	cps
Scandium	45-1	9908506	9790530	9577666	9758900	1.72	cps
Scandium	45-2	164637	164455	164874	164655	0.13	cps
Selenium	82-1	1120	1230	1160	1170	4.76	cps
Selenium	77-2	17	10	20	16	32.73	cps
Selenium	78-2	67	77	53	66	17.86	cps
Silicon	28-1	484192	487411	490139	487247	0.61	cps
Silver	107-1	18219	18489	18452	18387	0.80	cps
Silver	109-1	17541	17928	17865	17778	1.17	cps
Sodium	23-2	246590	245505	245434	245843	0.26	cps
Strontium	86-1	5591	5408	5708	5569	2.72	cps
Strontium	88-1	43006	43989	44223	43739	1.48	cps
Sulfur	34-1	459952	458586	455854	458131	0.46	cps
Terbium	159-1	17332498	17575129	17094800	17334143	1.39	cps
Terbium	159-2	5300843	5479113	5411320	5397092	1.67	cps
Thallium	203-1	14652	15770	15362	15261	3.71	cps
Thallium	205-1	36869	36715	36551	36712	0.43	cps
Tin	118-1	63259	63150	63251	63220	0.10	cps
Titanium	47-1	12279	12285	12359	12308	0.36	cps
Uranium	238-1	46756	47234	46803	46931	0.56	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:30:11 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	12132	11955	12209	12099	1.07	cps
Ytterbium	172-1	110	83	103	99	14.04	cps
Ytterbium	172-2	40	37	37	38	5.09	cps
Ytterbium	176-1	2287	2110	2117	2171	4.61	cps
Ytterbium	176-2	317	323	340	327	3.68	cps
Yttrium	89-1	24101161	24321025	23249551	23890579	2.37	cps
Yttrium	89-2	1622392	1647703	1616898	1628998	1.01	cps
Zinc	66-2	2680	2827	2674	2727	3.18	cps
Zirconium	90-1	26405	26572	26305	26427	0.51	cps
Zirconium	91-1	5985	5635	5811	5810	3.01	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:33:31 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64104	64690	64777	64523	0.57	cps
Antimony	121-1	693512	695743	702904	697386	0.70	cps
Arsenic	75-2	12606	13063	12743	12804	1.83	cps
Barium	135-1	879333	881596	889983	883637	0.63	cps
Barium	137-1	1603745	1602781	1593072	1599866	0.37	cps
Beryllium	9-1	277290	273777	275292	275453	0.64	cps
Bismuth	209-1	10333275	12236255	11159973	11243168	8.49	cps
Bismuth	209-2	4140200	4067051	4067267	4091506	1.03	cps
Bromine	81-1	5985	5891	5748	5875	2.03	cps
Cadmium	108-1	15339	15132	14988	15153	1.16	cps
Cadmium	106-1	28403	29695	29121	29073	2.23	cps
Cadmium	111-1	179014	178144	181069	179409	0.84	cps
Calcium	43-1	271512	271184	274092	272263	0.58	cps
Calcium	44-1	4630869	4547543	4561858	4580090	0.97	cps
Carbon	12-1	3351921	3337591	3359528	3349680	0.33	cps
Carbon	12-2	21866	21519	21850	21745	0.90	cps
Chlorine	35-1	65055	66227	66271	65851	1.05	cps
Chlorine	35-2	270	220	173	221	21.86	cps
Chromium	52-2	153840	152391	152584	152938	0.51	cps
Cobalt	59-2	283781	286701	287574	286019	0.69	cps
Copper	63-2	2274785	2248813	2261761	2261786	0.57	cps
Dysprosium	156-1	110	137	137	128	12.05	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	103	83	80	89	14.20	cps
Erbium	164-2	27	13	20	20	33.35	cps
Gadolinium	160-1	57	97	83	79	25.82	cps
Gadolinium	160-2	17	7	13	12	41.65	cps
Holmium	165-1	16639140	19814233	17935125	18129499	8.81	cps
Holmium	165-2	5818280	5663691	5657281	5713084	1.60	cps
Indium	115-1	12704583	14881424	13855767	13813925	7.88	cps
Indium	115-2	1248956	1232669	1252212	1244612	0.84	cps
Iron	54-2	316623	316306	314615	315848	0.34	cps
Iron	56-2	5903450	5905091	5975575	5928039	0.69	cps
Iron	57-2	143857	144941	143137	143978	0.63	cps
Krypton	83-1	203	133	167	168	20.87	cps
Lead	206-1	3152263	3084530	3140872	3125888	1.16	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:33:31 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2732879	2734416	2748110	2738468	0.31	cps
Lead	208-1	12548467	12472018	12534272	12518252	0.32	cps
Lithium	6-1	8049911	9107102	8602123	8586378	6.16	cps
Magnesium	24-2	1192193	1168196	1168712	1176367	1.17	cps
Manganese	55-2	653229	648293	649370	650298	0.40	cps
Molybdenum	94-1	2639829	2631370	2640266	2637155	0.19	cps
Molybdenum	95-1	3828059	3774600	3792382	3798347	0.72	cps
Molybdenum	96-1	4135778	4106301	4165437	4135839	0.71	cps
Molybdenum	97-1	2353353	2336499	2310984	2333612	0.91	cps
Molybdenum	98-1	6047462	6041541	6073556	6054186	0.28	cps
Neodymium	150-1	103	73	107	94	19.44	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	78314	79648	79956	79306	1.10	cps
Phosphorus	31-2	2880	2924	2990	2931	1.89	cps
Potassium	39-2	313650	312947	311011	312536	0.44	cps
Rhodium	103-1	11543449	13918609	12704456	12722171	9.34	cps
Rhodium	103-2	4518559	4490380	4448215	4485718	0.79	cps
Scandium	45-1	9411453	11072587	10358908	10280982	8.11	cps
Scandium	45-2	167803	166268	166795	166956	0.47	cps
Selenium	82-1	11472	11755	11668	11632	1.25	cps
Selenium	77-2	170	173	147	163	8.90	cps
Selenium	78-2	633	670	643	649	2.92	cps
Silicon	28-1	2570246	2547391	2539634	2552424	0.62	cps
Silver	107-1	937090	938165	950397	941884	0.78	cps
Silver	109-1	898489	898100	906945	901178	0.55	cps
Sodium	23-2	2345194	2328162	2348827	2340728	0.47	cps
Strontium	86-1	254106	254149	256603	254953	0.56	cps
Strontium	88-1	2338222	2338355	2316199	2330925	0.55	cps
Sulfur	34-1	538463	530836	529004	532768	0.94	cps
Terbium	159-1	16696466	19955269	18292812	18314849	8.90	cps
Terbium	159-2	5609864	5333380	5535045	5492763	2.60	cps
Thallium	203-1	748143	744020	759034	750399	1.03	cps
Thallium	205-1	1885553	1867267	1913657	1888826	1.24	cps
Tin	118-1	670018	668969	674965	671317	0.48	cps
Titanium	47-1	1156133	1148947	1153536	1152872	0.32	cps
Uranium	238-1	2477562	2469810	2487665	2478345	0.36	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:33:31 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	116909	116475	114845	116077	0.94	cps
Ytterbium	172-1	107	127	107	113	10.19	cps
Ytterbium	172-2	43	43	27	38	25.46	cps
Ytterbium	176-1	5318	5788	5675	5593	4.39	cps
Ytterbium	176-2	1497	1423	1413	1445	3.15	cps
Yttrium	89-1	23252165	27453575	25143935	25283225	8.32	cps
Yttrium	89-2	1652742	1657404	1658660	1656269	0.19	cps
Zinc	66-2	227399	225998	226142	226513	0.34	cps
Zirconium	90-1	1238633	1234486	1230389	1234503	0.33	cps
Zirconium	91-1	271316	273662	274199	273059	0.56	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:36:39 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160268	154186	145923	153459	4.69	cps
Antimony	121-1	1840449	1889828	1809914	1846730	2.18	cps
Arsenic	75-2	31759	31285	29932	30992	3.06	cps
Barium	135-1	2392594	2393175	2343574	2376447	1.20	cps
Barium	137-1	4022746	4072144	4062800	4052563	0.65	cps
Beryllium	9-1	685776	689384	679389	684850	0.74	cps
Bismuth	209-1	10419036	10138337	10828946	10462106	3.32	cps
Bismuth	209-2	3962501	3848116	3747253	3852624	2.80	cps
Bromine	81-1	5981	6342	6128	6150	2.94	cps
Cadmium	108-1	38139	39353	37992	38495	1.94	cps
Cadmium	106-1	60636	60462	60355	60484	0.23	cps
Cadmium	111-1	445263	448364	446192	446607	0.36	cps
Calcium	43-1	680474	686847	683598	683640	0.47	cps
Calcium	44-1	11289987	11374921	11374314	11346407	0.43	cps
Carbon	12-1	3417055	3449679	3463522	3443419	0.69	cps
Carbon	12-2	22988	22507	22040	22512	2.11	cps
Chlorine	35-1	69164	70309	69948	69807	0.84	cps
Chlorine	35-2	233	320	263	272	16.17	cps
Chromium	52-2	382274	368366	349884	366841	4.43	cps
Cobalt	59-2	710570	691765	657849	686728	3.89	cps
Copper	63-2	5568992	5422985	5194028	5395335	3.50	cps
Dysprosium	156-1	133	147	103	128	17.37	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	100	103	103	102	1.88	cps
Erbium	164-2	33	23	27	28	18.33	cps
Gadolinium	160-1	80	87	97	88	9.56	cps
Gadolinium	160-2	17	7	13	12	41.65	cps
Holmium	165-1	16978399	16672126	17701912	17117479	3.09	cps
Holmium	165-2	5712401	5495267	5306339	5504669	3.69	cps
Indium	115-1	12865562	12553840	13441645	12953682	3.48	cps
Indium	115-2	1219831	1180497	1146672	1182334	3.10	cps
Iron	54-2	783216	759215	724577	755669	3.90	cps
Iron	56-2	14868724	14269242	13640668	14259545	4.31	cps
Iron	57-2	360230	346654	328535	345139	4.61	cps
Krypton	83-1	183	153	200	179	13.22	cps
Lead	206-1	7822711	7814272	7698989	7778657	0.89	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:36:39 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6708271	6831809	6747544	6762541	0.93	cps
Lead	208-1	31062461	31154995	31049388	31088948	0.19	cps
Lithium	6-1	7938107	7877415	8279520	8031680	2.70	cps
Magnesium	24-2	2903167	2846467	2695025	2814887	3.82	cps
Manganese	55-2	1713556	1666297	1573263	1651039	4.32	cps
Molybdenum	94-1	6547877	6705620	6559378	6604291	1.33	cps
Molybdenum	95-1	9519625	9693941	9506686	9573417	1.09	cps
Molybdenum	96-1	10282391	10338632	10389148	10336723	0.52	cps
Molybdenum	97-1	5791965	5793996	5817350	5801104	0.24	cps
Molybdenum	98-1	15291942	15404811	15506265	15401006	0.70	cps
Neodymium	150-1	213	250	220	228	8.58	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	196997	192239	182244	190493	3.95	cps
Phosphorus	31-2	7315	6692	6602	6869	5.66	cps
Potassium	39-2	770400	749461	711138	743666	4.04	cps
Rhodium	103-1	11686999	11368111	12323368	11792826	4.12	cps
Rhodium	103-2	4411389	4189174	4143212	4247925	3.38	cps
Scandium	45-1	9450048	9205311	10235936	9630431	5.59	cps
Scandium	45-2	165467	161007	154179	160217	3.55	cps
Selenium	82-1	28710	29612	29375	29232	1.60	cps
Selenium	77-2	430	483	427	447	7.12	cps
Selenium	78-2	1657	1607	1503	1589	4.92	cps
Silicon	28-1	5816897	5800907	5823021	5813608	0.20	cps
Silver	107-1	2513311	2579605	2518630	2537182	1.45	cps
Silver	109-1	2403353	2424748	2427188	2418430	0.54	cps
Sodium	23-2	5635719	5562971	5255300	5484663	3.68	cps
Strontium	86-1	642359	641409	643238	642335	0.14	cps
Strontium	88-1	5815475	5792362	5691869	5766569	1.14	cps
Sulfur	34-1	660687	652018	644496	652400	1.24	cps
Terbium	159-1	17178246	16482721	18244924	17301963	5.13	cps
Terbium	159-2	5479751	5418619	5142263	5346878	3.36	cps
Thallium	203-1	2011572	2036451	1971789	2006604	1.63	cps
Thallium	205-1	4829523	4812015	4692977	4778172	1.55	cps
Tin	118-1	1785171	1786168	1779839	1783726	0.19	cps
Titanium	47-1	3007425	3040469	3036071	3027988	0.59	cps
Uranium	238-1	6195922	6110920	6229581	6178808	0.99	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:36:39 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	295759	284052	270012	283274	4.55	cps
Ytterbium	172-1	130	107	147	128	15.72	cps
Ytterbium	172-2	40	23	33	32	26.04	cps
Ytterbium	176-1	10568	10504	10564	10545	0.34	cps
Ytterbium	176-2	3177	3000	2967	3048	3.70	cps
Yttrium	89-1	23491453	22745254	24658205	23631637	4.08	cps
Yttrium	89-2	1634510	1556159	1533724	1574798	3.36	cps
Zinc	66-2	561544	546217	522466	543409	3.62	cps
Zirconium	90-1	3288320	3276823	3250353	3271832	0.60	cps
Zirconium	91-1	682269	696471	691601	690114	1.05	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:39:36 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	294197	295722	298558	296159	0.75	cps
Antimony	121-1	3506521	3660501	3653357	3606793	2.41	cps
Arsenic	75-2	60151	60850	60047	60350	0.72	cps
Barium	135-1	4497031	4661671	4627628	4595443	1.89	cps
Barium	137-1	7647199	7913763	8015046	7858670	2.42	cps
Beryllium	9-1	1330275	1365247	1421396	1372306	3.35	cps
Bismuth	209-1	10097430	10035337	10315333	10149366	1.45	cps
Bismuth	209-2	3592696	3829509	3828523	3750243	3.64	cps
Bromine	81-1	5748	5868	6078	5898	2.83	cps
Cadmium	108-1	70539	74346	74755	73213	3.18	cps
Cadmium	106-1	107495	111069	111992	110185	2.16	cps
Cadmium	111-1	839349	867024	868766	858380	1.92	cps
Calcium	43-1	1362435	1390306	1404407	1385716	1.54	cps
Calcium	44-1	21368731	22547774	22442304	22119603	2.95	cps
Carbon	12-1	3391954	3503597	3484038	3459863	1.72	cps
Carbon	12-2	22898	23385	23285	23189	1.11	cps
Chlorine	35-1	69298	72272	72269	71280	2.41	cps
Chlorine	35-2	247	230	240	239	3.51	cps
Chromium	52-2	698560	704340	706396	703098	0.58	cps
Cobalt	59-2	1301387	1326821	1324270	1317493	1.06	cps
Copper	63-2	10302115	10307102	10394310	10334509	0.50	cps
Dysprosium	156-1	160	153	193	169	12.69	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	153	120	127	133	13.23	cps
Erbium	164-2	27	43	30	33	26.45	cps
Gadolinium	160-1	80	113	100	98	17.16	cps
Gadolinium	160-2	37	37	17	30	38.49	cps
Holmium	165-1	16515518	16989235	16852114	16785622	1.45	cps
Holmium	165-2	5154078	5394467	5403703	5317416	2.66	cps
Indium	115-1	12434148	12598568	12678978	12570565	0.99	cps
Indium	115-2	1093737	1147826	1142273	1127946	2.64	cps
Iron	54-2	1514006	1538179	1495936	1516040	1.40	cps
Iron	56-2	27021720	27240325	27313136	27191727	0.56	cps
Iron	57-2	654279	665326	663837	661148	0.91	cps
Krypton	83-1	177	190	167	178	6.58	cps
Lead	206-1	14544437	15365460	15178096	15029331	2.86	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:39:36 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12663336	13303198	13219751	13062095	2.66	cps
Lead	208-1	58617100	60974689	61255594	60282461	2.40	cps
Lithium	6-1	7877363	7793739	7930772	7867291	0.88	cps
Magnesium	24-2	5403330	5339787	5388661	5377259	0.62	cps
Manganese	55-2	3178268	3175408	3194620	3182765	0.33	cps
Molybdenum	94-1	12410724	13030308	13050204	12830412	2.83	cps
Molybdenum	95-1	17970880	18882570	18875666	18576372	2.82	cps
Molybdenum	96-1	19618410	20645367	20650451	20304742	2.93	cps
Molybdenum	97-1	10936027	11498997	11663011	11366012	3.35	cps
Molybdenum	98-1	29032160	30387013	30367926	29929033	2.60	cps
Neodymium	150-1	410	380	440	410	7.32	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	355116	363560	360360	359679	1.19	cps
Phosphorus	31-2	13193	13079	12986	13086	0.79	cps
Potassium	39-2	1513761	1512291	1506346	1510799	0.26	cps
Rhodium	103-1	11359943	11610966	11579979	11516962	1.19	cps
Rhodium	103-2	3973259	4114910	4109886	4066018	1.98	cps
Scandium	45-1	9368815	9439578	9363257	9390550	0.45	cps
Scandium	45-2	150044	158415	155599	154686	2.75	cps
Selenium	82-1	55527	56022	57632	56394	1.95	cps
Selenium	77-2	847	863	910	873	3.76	cps
Selenium	78-2	2867	2960	2897	2908	1.64	cps
Silicon	28-1	12053839	12680823	12703191	12479284	2.95	cps
Silver	107-1	4644540	4944810	4914633	4834661	3.42	cps
Silver	109-1	4483844	4696214	4717809	4632622	2.79	cps
Sodium	23-2	10584349	10635987	10656409	10625582	0.35	cps
Strontium	86-1	1200620	1265064	1274309	1246664	3.22	cps
Strontium	88-1	10831528	11282846	11473234	11195869	2.94	cps
Sulfur	34-1	825271	847238	847675	840061	1.52	cps
Terbium	159-1	16860311	17198736	17105661	17054903	1.03	cps
Terbium	159-2	4967715	5192063	5214162	5124647	2.66	cps
Thallium	203-1	3738413	3955158	3898670	3864081	2.91	cps
Thallium	205-1	8789633	9250360	9422293	9154095	3.57	cps
Tin	118-1	3317456	3490140	3509873	3439156	3.08	cps
Titanium	47-1	5695307	5997875	5982296	5891826	2.89	cps
Uranium	238-1	11834667	12090908	12333378	12086318	2.06	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:39:36 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	542059	551205	550964	548076	0.95	cps
Ytterbium	172-1	167	123	120	137	19.05	cps
Ytterbium	172-2	50	33	63	49	30.75	cps
Ytterbium	176-1	17759	18740	18967	18489	3.47	cps
Ytterbium	176-2	5738	5585	5618	5647	1.43	cps
Yttrium	89-1	23107844	23116741	23569067	23264551	1.13	cps
Yttrium	89-2	1478207	1547622	1570576	1532135	3.14	cps
Zinc	66-2	1033639	1046495	1046312	1042149	0.71	cps
Zirconium	90-1	6185692	6448072	6420011	6351258	2.27	cps
Zirconium	91-1	1305435	1433195	1454323	1397651	5.76	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:42:30 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	580359	588570	587016	585315	0.75	cps
Antimony	121-1	6793970	7078597	7150833	7007800	2.69	cps
Arsenic	75-2	117679	118332	118543	118185	0.38	cps
Barium	135-1	8672382	9097805	9181451	8983879	3.04	cps
Barium	137-1	15161001	15702016	15886090	15583036	2.42	cps
Beryllium	9-1	2522029	2615853	2590813	2576232	1.89	cps
Bismuth	209-1	9724929	9873097	9929053	9842360	1.07	cps
Bismuth	209-2	3610219	3647908	3604759	3620962	0.65	cps
Bromine	81-1	5731	5975	6108	5938	3.22	cps
Cadmium	108-1	136451	141652	144902	141002	3.02	cps
Cadmium	106-1	195113	205777	208529	203139	3.49	cps
Cadmium	111-1	1676939	1758182	1778783	1737968	3.10	cps
Calcium	43-1	2592399	2735602	2789450	2705817	3.76	cps
Calcium	44-1	41506967	44153504	44300758	43320410	3.63	cps
Carbon	12-1	3395564	3517919	3599423	3504302	2.93	cps
Carbon	12-2	24394	24140	24457	24330	0.69	cps
Chlorine	35-1	75050	80984	81172	79069	4.40	cps
Chlorine	35-2	313	313	290	306	4.41	cps
Chromium	52-2	1469265	1468022	1497620	1478302	1.13	cps
Cobalt	59-2	2703709	2739207	2691420	2711445	0.92	cps
Copper	63-2	20332495	20094831	20098463	20175263	0.67	cps
Dysprosium	156-1	250	360	233	281	24.48	cps
Dysprosium	156-2	50	37	30	39	26.18	cps
Erbium	164-1	177	193	163	178	8.45	cps
Erbium	164-2	80	50	40	57	36.74	cps
Gadolinium	160-1	170	127	127	141	17.73	cps
Gadolinium	160-2	47	43	53	48	10.66	cps
Holmium	165-1	16420879	16934632	16802691	16719400	1.60	cps
Holmium	165-2	5344778	5367480	5263023	5325094	1.03	cps
Indium	115-1	12236449	12493673	12382393	12370838	1.04	cps
Indium	115-2	1105388	1106528	1106050	1105988	0.05	cps
Iron	54-2	3024677	3000241	2991461	3005460	0.57	cps
Iron	56-2	54031104	53842073	53652753	53841976	0.35	cps
Iron	57-2	1299964	1304723	1301589	1302092	0.19	cps
Krypton	83-1	217	223	217	219	1.76	cps
Lead	206-1	28378392	29656373	29819205	29284657	2.69	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:42:30 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	24346600	25609382	26010572	25322185	3.43	cps
Lead	208-1	112631912	117593212	119600416	116608513	3.08	cps
Lithium	6-1	7667901	7734362	7554301	7652188	1.19	cps
Magnesium	24-2	10595995	10556819	10489847	10547554	0.51	cps
Manganese	55-2	6193619	6285347	6238519	6239162	0.74	cps
Molybdenum	94-1	23972061	25675316	25707523	25118300	3.95	cps
Molybdenum	95-1	35405400	37126554	37195994	36575983	2.77	cps
Molybdenum	96-1	38325007	40063439	40666774	39685073	3.06	cps
Molybdenum	97-1	21388639	23024190	23040508	22484446	4.22	cps
Molybdenum	98-1	56770579	60592964	60443696	59269080	3.65	cps
Neodymium	150-1	677	813	837	776	11.14	cps
Neodymium	150-2	30	33	27	30	11.10	cps
Nickel	60-2	688657	692612	696892	692720	0.59	cps
Phosphorus	31-2	25903	26134	25589	25875	1.06	cps
Potassium	39-2	2936267	2966612	2929408	2944095	0.67	cps
Rhodium	103-1	10951170	11293085	11424454	11222903	2.18	cps
Rhodium	103-2	3986299	3984461	4030721	4000494	0.65	cps
Scandium	45-1	9186462	9384043	9439648	9336718	1.43	cps
Scandium	45-2	151576	155551	154213	153780	1.32	cps
Selenium	82-1	104624	111598	111813	109345	3.74	cps
Selenium	77-2	1707	1727	1783	1739	2.29	cps
Selenium	78-2	5821	5725	5885	5810	1.39	cps
Silicon	28-1	27132909	28114749	28271670	27839776	2.22	cps
Silver	107-1	8912352	9395475	9529215	9279014	3.50	cps
Silver	109-1	8583353	8863460	9044074	8830295	2.63	cps
Sodium	23-2	20796187	20957241	20895175	20882868	0.39	cps
Strontium	86-1	2464650	2650358	2660821	2591943	4.26	cps
Strontium	88-1	20841324	22280616	22204521	21775487	3.72	cps
Sulfur	34-1	1077608	1110075	1146227	1111303	3.09	cps
Terbium	159-1	16733910	17128780	17203921	17022204	1.48	cps
Terbium	159-2	5143211	5151004	5140237	5144817	0.11	cps
Thallium	203-1	7259456	7617225	7676957	7517879	3.00	cps
Thallium	205-1	17186298	17996475	17946283	17709685	2.56	cps
Tin	118-1	6464954	6726562	6845010	6678842	2.91	cps
Titanium	47-1	10827119	11686858	11826346	11446774	4.73	cps
Uranium	238-1	22789454	23800570	24191389	23593804	3.07	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:42:30 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1079633	1088808	1089285	1085909	0.50	cps
Ytterbium	172-1	153	227	230	203	21.31	cps
Ytterbium	172-2	77	97	47	73	34.32	cps
Ytterbium	176-1	33305	35187	35421	34638	3.35	cps
Ytterbium	176-2	10758	11088	11302	11049	2.48	cps
Yttrium	89-1	22491047	23253877	23234683	22993202	1.89	cps
Yttrium	89-2	1532619	1529120	1528799	1530179	0.14	cps
Zinc	66-2	2149234	2143822	2133779	2142278	0.37	cps
Zirconium	90-1	12108973	12808920	12763700	12560531	3.12	cps
Zirconium	91-1	2727692	2896665	2902789	2842382	3.50	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:45:16 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1120907	1194102	1192514	1169174	3.58	cps
Antimony	121-1	13206732	13765554	13872727	13615004	2.63	cps
Arsenic	75-2	230271	235411	234801	233494	1.20	cps
Barium	135-1	17016343	17875703	17826262	17572769	2.75	cps
Barium	137-1	28856510	30581585	30650752	30029615	3.39	cps
Beryllium	9-1	4803799	4931343	4983059	4906067	1.88	cps
Bismuth	209-1	9364058	9764976	9786553	9638529	2.47	cps
Bismuth	209-2	3584792	3505394	3954991	3681726	6.52	cps
Bromine	81-1	6368	6435	6318	6374	0.92	cps
Cadmium	108-1	263310	271304	277375	270663	2.61	cps
Cadmium	106-1	373247	389172	395084	385834	2.93	cps
Cadmium	111-1	3218542	3412375	3437938	3356285	3.57	cps
Calcium	43-1	5099688	5293443	5180523	5191218	1.87	cps
Calcium	44-1	82240452	85519982	84479722	84080052	1.99	cps
Carbon	12-1	3703789	3852937	3941561	3832762	3.14	cps
Carbon	12-2	27800	27516	27583	27633	0.54	cps
Chlorine	35-1	90755	95985	98012	94918	3.94	cps
Chlorine	35-2	427	390	397	404	4.83	cps
Chromium	52-2	2877940	2911772	2918734	2902815	0.75	cps
Cobalt	59-2	5156653	5240038	5211180	5202624	0.81	cps
Copper	63-2	37513911	38487914	38428734	38143520	1.43	cps
Dysprosium	156-1	383	413	460	419	9.22	cps
Dysprosium	156-2	40	37	40	39	4.94	cps
Erbium	164-1	173	267	297	246	26.19	cps
Erbium	164-2	40	83	80	68	35.58	cps
Gadolinium	160-1	210	210	193	204	4.70	cps
Gadolinium	160-2	60	57	43	53	16.54	cps
Holmium	165-1	16244912	16952264	17053443	16750206	2.63	cps
Holmium	165-2	5334453	5266163	5918691	5506436	6.51	cps
Indium	115-1	11802924	12169953	12240936	12071271	1.95	cps
Indium	115-2	1086809	1067056	1210069	1121311	6.91	cps
Iron	54-2	5717745	5847442	5747000	5770729	1.18	cps
Iron	56-2	103238708	104868998	105102248	104403318	0.97	cps
Iron	57-2	2633118	2677935	2694173	2668409	1.19	cps
Krypton	83-1	217	253	190	220	14.45	cps
Lead	206-1	54626916	57296017	57304749	56409227	2.74	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:45:16 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	47037943	48945196	48770191	48251110	2.18	cps
Lead	208-1	216858130	226023362	227279498	223386997	2.55	cps
Lithium	6-1	7230833	7420732	7465742	7372436	1.69	cps
Magnesium	24-2	20390417	20735995	20540711	20555708	0.84	cps
Manganese	55-2	12051230	12284451	12194161	12176614	0.97	cps
Molybdenum	94-1	47750178	49909454	50552038	49403890	2.97	cps
Molybdenum	95-1	68813801	72690366	73989487	71831218	3.75	cps
Molybdenum	96-1	74639082	78949674	79497750	77695502	3.43	cps
Molybdenum	97-1	42073584	44175601	44823953	43691046	3.29	cps
Molybdenum	98-1	111516252	116355502	117534285	115135346	2.77	cps
Neodymium	150-1	1360	1470	1567	1466	7.06	cps
Neodymium	150-2	30	43	27	33	26.45	cps
Nickel	60-2	1309083	1326531	1340178	1325264	1.18	cps
Phosphorus	31-2	50079	51511	51702	51097	1.74	cps
Potassium	39-2	5700578	5816829	5734338	5750582	1.04	cps
Rhodium	103-1	10514486	11046581	10986015	10849027	2.69	cps
Rhodium	103-2	3927209	3814264	4352650	4031374	7.04	cps
Scandium	45-1	9210265	9334626	9334669	9293187	0.77	cps
Scandium	45-2	157006	154740	172501	161416	5.99	cps
Selenium	82-1	205013	213376	217074	211821	2.92	cps
Selenium	77-2	3154	3347	3697	3399	8.10	cps
Selenium	78-2	11231	11989	11488	11569	3.33	cps
Silicon	28-1	36095011	37689809	38390595	37391805	3.15	cps
Silver	107-1	17163297	17987561	18037057	17729305	2.77	cps
Silver	109-1	16088176	16968720	16967536	16674811	3.05	cps
Sodium	23-2	40721415	40919746	40707285	40782816	0.29	cps
Strontium	86-1	4917393	5102420	5159832	5059882	2.50	cps
Strontium	88-1	41055277	43654691	44087919	42932629	3.82	cps
Sulfur	34-1	1667514	1760690	1788388	1738864	3.64	cps
Terbium	159-1	16552875	17166278	17140421	16953192	2.05	cps
Terbium	159-2	5102517	5035399	5681270	5273062	6.73	cps
Thallium	203-1	14100473	14719571	14634448	14484830	2.32	cps
Thallium	205-1	33533862	34744769	35401042	34559891	2.74	cps
Tin	118-1	12414646	12908152	13104675	12809158	2.78	cps
Titanium	47-1	21870352	22637369	22409753	22305825	1.77	cps
Uranium	238-1	44327254	46030901	46573724	45643960	2.57	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:45:16 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2193147	2251637	2254382	2233055	1.55	cps
Ytterbium	172-1	193	263	263	240	16.84	cps
Ytterbium	172-2	113	87	110	103	14.06	cps
Ytterbium	176-1	63595	66101	66299	65332	2.31	cps
Ytterbium	176-2	21084	20860	21114	21019	0.66	cps
Yttrium	89-1	22324950	22956844	23349467	22877087	2.26	cps
Yttrium	89-2	1550192	1521702	1722302	1598065	6.79	cps
Zinc	66-2	4065504	4096034	4119992	4093844	0.67	cps
Zirconium	90-1	23823153	24777425	25371301	24657293	3.17	cps
Zirconium	91-1	5302083	5588083	5619914	5503360	3.18	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:48:03 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5512854	5634878	5472005	5539912	1.53	cps
Antimony	121-1	9353	8710	8119	8727	7.07	cps
Arsenic	75-2	140	97	90	109	24.93	cps
Barium	135-1	7939	6992	6775	7235	8.56	cps
Barium	137-1	13877	12449	11528	12618	9.38	cps
Beryllium	9-1	1627	1339	1212	1393	15.27	cps
Bismuth	209-1	7971895	7931183	7481696	7794925	3.49	cps
Bismuth	209-2	2932345	3072986	2994199	2999843	2.35	cps
Bromine	81-1	6161	6365	6605	6377	3.48	cps
Cadmium	108-1	153	213	133	167	24.98	cps
Cadmium	106-1	6091	6208	5708	6002	4.36	cps
Cadmium	111-1	2024	1932	1855	1937	4.38	cps
Calcium	43-1	23502448	23755010	22416411	23224623	3.06	cps
Calcium	44-1	381110114	378908434	362633341	374217297	2.70	cps
Carbon	12-1	4258368	4908252	5357160	4841260	11.41	cps
Carbon	12-2	44006	45524	44938	44823	1.71	cps
Chlorine	35-1	58842	57152	56456	57484	2.13	cps
Chlorine	35-2	293	237	193	241	20.80	cps
Chromium	52-2	7700	5388	6653	6580	17.59	cps
Cobalt	59-2	9580	9553	9383	9505	1.12	cps
Copper	63-2	9106	9053	8689	8950	2.54	cps
Dysprosium	156-1	607	570	597	591	3.21	cps
Dysprosium	156-2	150	160	197	169	14.55	cps
Erbium	164-1	543	587	520	550	6.15	cps
Erbium	164-2	147	233	167	182	24.90	cps
Gadolinium	160-1	450	443	517	470	8.63	cps
Gadolinium	160-2	193	173	243	203	17.73	cps
Holmium	165-1	14786976	14706735	14131913	14541875	2.46	cps
Holmium	165-2	4774634	4909754	4858550	4847646	1.41	cps
Indium	115-1	10481585	10416568	9739195	10212450	4.03	cps
Indium	115-2	981481	995889	983956	987108	0.78	cps
Iron	54-2	25242772	25518582	25196370	25319242	0.69	cps
Iron	56-2	461558166	465307633	462207166	463024322	0.43	cps
Iron	57-2	11610250	11596829	11562665	11589915	0.21	cps
Krypton	83-1	267	403	390	353	21.33	cps
Lead	206-1	18460	16564	15523	16849	8.84	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:48:03 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	16017	14468	12947	14477	10.60	cps
Lead	208-1	73325	65849	60596	66590	9.61	cps
Lithium	6-1	6221688	6183606	6041930	6149075	1.54	cps
Magnesium	24-2	85351579	87274169	85274282	85966676	1.32	cps
Manganese	55-2	4251	3967	3977	4065	3.96	cps
Molybdenum	94-1	13770	11615	10447	11944	14.11	cps
Molybdenum	95-1	12776	10514	8983	10758	17.74	cps
Molybdenum	96-1	16830	14521	12909	14754	13.36	cps
Molybdenum	97-1	6785	5231	4688	5568	19.55	cps
Molybdenum	98-1	16717	13260	10781	13586	21.94	cps
Neodymium	150-1	320	347	287	318	9.46	cps
Neodymium	150-2	67	83	53	68	22.18	cps
Nickel	60-2	5765	5938	5678	5793	2.29	cps
Phosphorus	31-2	83	57	87	76	21.76	cps
Potassium	39-2	26771566	27007393	26548600	26775853	0.86	cps
Rhodium	103-1	9083060	9049136	8547194	8893130	3.37	cps
Rhodium	103-2	3280236	3262698	3258515	3267149	0.35	cps
Scandium	45-1	8019644	8157536	7584386	7920522	3.78	cps
Scandium	45-2	136541	138045	136683	137089	0.61	cps
Selenium	82-1	53	-70	-63	-27	-260.13	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	10	13	7	10	33.30	cps
Silicon	28-1	525069	507036	483691	505265	4.11	cps
Silver	107-1	2794	2334	1977	2368	17.29	cps
Silver	109-1	2594	2260	1920	2258	14.91	cps
Sodium	23-2	183707364	182802077	182270157	182926533	0.40	cps
Strontium	86-1	12883	12826	11965	12558	4.09	cps
Strontium	88-1	106069	104974	99780	103608	3.24	cps
Sulfur	34-1	347199	343517	333993	341570	2.00	cps
Terbium	159-1	15087246	15132178	14360769	14860064	2.91	cps
Terbium	159-2	4689315	4679661	4621011	4663329	0.79	cps
Thallium	203-1	1967	1710	1250	1642	22.11	cps
Thallium	205-1	4874	3954	3144	3991	21.70	cps
Tin	118-1	4429	3809	3385	3874	13.56	cps
Titanium	47-1	8046	7729	6995	7590	7.10	cps
Uranium	238-1	4227	2874	2137	3079	34.43	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 13:48:03 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	280	360	317	319	12.56	cps
Ytterbium	172-1	703	633	653	663	5.44	cps
Ytterbium	172-2	230	253	267	250	7.42	cps
Ytterbium	176-1	2324	2144	2114	2194	5.18	cps
Ytterbium	176-2	387	367	397	383	3.98	cps
Yttrium	89-1	20224221	19996101	19242893	19821072	2.59	cps
Yttrium	89-2	1317331	1339078	1320400	1325603	0.89	cps
Zinc	66-2	5371	5001	5158	5177	3.59	cps
Zirconium	90-1	13600	13116	12259	12992	5.23	cps
Zirconium	91-1	3140	2887	2867	2965	5.14	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:25:05 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29607	30088	30619	30104	1.68	cps
Antimony	121-1	2748992	2823236	2785918	2786049	1.33	cps
Arsenic	75-2	48978	49162	49162	49101	0.22	cps
Barium	135-1	341304	354314	352137	349252	2.00	cps
Barium	137-1	599128	616409	611360	608966	1.46	cps
Beryllium	9-1	499706	513177	508524	507136	1.35	cps
Bismuth	209-1	11258575	8906792	10300655	10155341	11.65	cps
Bismuth	209-2	4008291	3979473	4044185	4010650	0.81	cps
Bromine	81-1	6258	6368	6338	6321	0.90	cps
Cadmium	108-1	49920	51462	52078	51153	2.17	cps
Cadmium	106-1	83141	83487	82608	83079	0.53	cps
Cadmium	111-1	339477	350511	346036	345341	1.61	cps
Calcium	43-1	111746	115381	114786	113971	1.71	cps
Calcium	44-1	1827730	1910648	1882355	1873578	2.25	cps
Carbon	12-1	3422225	3498699	3521470	3480798	1.49	cps
Carbon	12-2	23299	23489	23182	23323	0.66	cps
Chlorine	35-1	67958	69023	68631	68538	0.79	cps
Chlorine	35-2	297	247	280	274	9.28	cps
Chromium	52-2	291373	292777	292303	292151	0.24	cps
Cobalt	59-2	546443	546238	546427	546369	0.02	cps
Copper	63-2	427033	430573	425317	427641	0.63	cps
Dysprosium	156-1	93	100	87	93	7.14	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	73	30	93	66	49.38	cps
Erbium	164-2	13	30	43	29	52.03	cps
Gadolinium	160-1	87	47	53	62	34.44	cps
Gadolinium	160-2	10	20	10	13	43.30	cps
Holmium	165-1	18706647	14614537	16274445	16531876	12.45	cps
Holmium	165-2	5597082	5550755	5646863	5598234	0.86	cps
Indium	115-1	14172246	11080007	12378530	12543595	12.38	cps
Indium	115-2	1200025	1205435	1214277	1206579	0.60	cps
Iron	54-2	250377	250737	248732	249949	0.43	cps
Iron	56-2	4652515	4584500	4513331	4583448	1.52	cps
Iron	57-2	110484	111841	109493	110606	1.07	cps
Krypton	83-1	167	170	163	167	2.00	cps
Lead	206-1	2503849	2551166	2588147	2547721	1.66	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:25:05 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2052761	2083083	2113613	2083152	1.46	cps
Lead	208-1	9601632	9831864	9889613	9774370	1.56	cps
Lithium	6-1	8629625	7171425	7947402	7916151	9.22	cps
Magnesium	24-2	243782	247273	246815	245956	0.77	cps
Manganese	55-2	127045	125657	126128	126277	0.56	cps
Molybdenum	94-1	24359300	24590738	24186401	24378813	0.83	cps
Molybdenum	95-1	35267332	35700911	35445822	35471355	0.61	cps
Molybdenum	96-1	37998439	38758616	38619764	38458940	1.05	cps
Molybdenum	97-1	21305332	21717806	21601329	21541489	0.99	cps
Molybdenum	98-1	56269149	57306406	56608012	56727856	0.93	cps
Neodymium	150-1	63	77	80	73	12.03	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	152695	152241	150574	151837	0.74	cps
Phosphorus	31-2	27	77	43	49	52.08	cps
Potassium	39-2	237073	236744	238212	237343	0.32	cps
Rhodium	103-1	13102402	10273126	11648661	11674730	12.12	cps
Rhodium	103-2	4449861	4395147	4456774	4433927	0.76	cps
Scandium	45-1	10361897	8299089	9214461	9291816	11.12	cps
Scandium	45-2	164469	164530	164277	164425	0.08	cps
Selenium	82-1	44060	44478	43889	44142	0.69	cps
Selenium	77-2	790	713	700	734	6.61	cps
Selenium	78-2	2457	2484	2554	2498	2.00	cps
Silicon	28-1	5524216	5661456	5674638	5620104	1.48	cps
Silver	107-1	848842	868362	870594	862599	1.39	cps
Silver	109-1	789092	825942	825684	813573	2.61	cps
Sodium	23-2	845009	848689	846567	846755	0.22	cps
Strontium	86-1	2524803	2558584	2556126	2546504	0.74	cps
Strontium	88-1	21418600	21559026	21685568	21554398	0.62	cps
Sulfur	34-1	398629	398118	394253	397000	0.60	cps
Terbium	159-1	18817529	14701696	16677210	16732145	12.30	cps
Terbium	159-2	5396702	5369475	5397998	5388058	0.30	cps
Thallium	203-1	3064352	3094668	3106571	3088531	0.70	cps
Thallium	205-1	7098079	7213577	7170312	7160656	0.81	cps
Tin	118-1	6320934	6429865	6444853	6398551	1.06	cps
Titanium	47-1	10857775	11189854	11100483	11049371	1.56	cps
Uranium	238-1	23628570	24152868	24117689	23966376	1.22	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:25:05 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	218472	218574	216421	217822	0.56	cps
Ytterbium	172-1	73	53	93	73	27.27	cps
Ytterbium	172-2	33	50	47	43	20.36	cps
Ytterbium	176-1	34415	34535	35290	34747	1.37	cps
Ytterbium	176-2	11248	11689	11428	11455	1.93	cps
Yttrium	89-1	25883706	20262198	22866418	23004107	12.23	cps
Yttrium	89-2	1648932	1619680	1637173	1635262	0.90	cps
Zinc	66-2	85995	85418	87058	86157	0.97	cps
Zirconium	90-1	12735365	13013794	12721149	12823436	1.29	cps
Zirconium	91-1	2876210	2936460	2906424	2906365	1.04	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:33:33 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	70	73	74	6.84	cps
Antimony	121-1	213	257	243	238	9.33	cps
Arsenic	75-2	7	0	0	2	173.21	cps
Barium	135-1	330	347	383	353	7.72	cps
Barium	137-1	547	697	630	624	12.04	cps
Beryllium	9-1	431	424	425	427	0.94	cps
Bismuth	209-1	10323815	9934310	9747425	10001850	2.94	cps
Bismuth	209-2	4155022	3869227	3994178	4006142	3.58	cps
Bromine	81-1	6378	6562	5915	6285	5.31	cps
Cadmium	108-1	43	40	40	41	4.68	cps
Cadmium	106-1	6948	6895	6578	6807	2.94	cps
Cadmium	111-1	1403	1398	1341	1380	2.48	cps
Calcium	43-1	470	533	493	499	6.42	cps
Calcium	44-1	8616	8286	8583	8495	2.14	cps
Carbon	12-1	2835798	2879325	2820369	2845164	1.07	cps
Carbon	12-2	19176	18395	18575	18715	2.18	cps
Chlorine	35-1	58166	57299	57624	57697	0.76	cps
Chlorine	35-2	240	183	207	210	13.56	cps
Chromium	52-2	1787	1783	1783	1785	0.11	cps
Cobalt	59-2	190	153	187	177	11.47	cps
Copper	63-2	2890	2864	2647	2800	4.77	cps
Dysprosium	156-1	113	63	87	88	28.51	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	113	57	60	77	41.48	cps
Erbium	164-2	33	27	10	23	51.50	cps
Gadolinium	160-1	57	50	53	53	6.25	cps
Gadolinium	160-2	33	13	20	22	45.83	cps
Holmium	165-1	16379829	15525531	15594974	15833445	3.00	cps
Holmium	165-2	5764638	5398753	5508917	5557436	3.38	cps
Indium	115-1	12879247	12455526	12100025	12478266	3.13	cps
Indium	115-2	1264936	1171897	1196812	1211215	3.98	cps
Iron	54-2	577	533	613	574	6.97	cps
Iron	56-2	8146	8226	8102	8158	0.77	cps
Iron	57-2	187	170	197	184	7.30	cps
Krypton	83-1	197	180	240	206	15.07	cps
Lead	206-1	1797	1687	1787	1757	3.46	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:33:33 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1470	1333	1347	1383	5.45	cps
Lead	208-1	6894	6521	6641	6685	2.85	cps
Lithium	6-1	8017286	7699994	7556586	7757955	3.04	cps
Magnesium	24-2	400	457	437	431	6.67	cps
Manganese	55-2	223	237	227	229	3.03	cps
Molybdenum	94-1	657	590	627	624	5.35	cps
Molybdenum	95-1	703	747	627	692	8.78	cps
Molybdenum	96-1	857	727	707	763	10.67	cps
Molybdenum	97-1	427	457	377	420	9.62	cps
Molybdenum	98-1	1183	1093	1060	1112	5.74	cps
Neodymium	150-1	23	13	17	18	28.64	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1477	1517	1493	1496	1.34	cps
Phosphorus	31-2	57	33	67	52	32.76	cps
Potassium	39-2	6885	6368	6742	6665	4.00	cps
Rhodium	103-1	11809834	11397290	11176264	11461129	2.81	cps
Rhodium	103-2	4689859	4337668	4418303	4481943	4.12	cps
Scandium	45-1	9553961	9144498	8964756	9221072	3.27	cps
Scandium	45-2	168332	158304	160191	162276	3.28	cps
Selenium	82-1	30	-20	-133	-41	-203.57	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	3	10	10	8	49.52	cps
Silicon	28-1	400016	400540	397804	399453	0.36	cps
Silver	107-1	270	237	260	256	6.69	cps
Silver	109-1	177	147	157	160	9.55	cps
Sodium	23-2	21649	21439	21232	21440	0.97	cps
Strontium	86-1	373	347	303	341	10.36	cps
Strontium	88-1	540	503	483	509	5.65	cps
Sulfur	34-1	415029	416429	418324	416594	0.40	cps
Terbium	159-1	16847963	16152148	16143244	16381118	2.47	cps
Terbium	159-2	5671161	5190384	5255312	5372286	4.86	cps
Thallium	203-1	393	417	410	407	2.96	cps
Thallium	205-1	1173	1110	893	1059	13.87	cps
Tin	118-1	1003	1252	1082	1112	11.43	cps
Titanium	47-1	173	157	177	169	6.34	cps
Uranium	238-1	70	100	87	86	17.57	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:33:33 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	27	17	22	22.91	cps
Ytterbium	172-1	93	67	57	72	26.24	cps
Ytterbium	172-2	27	40	23	30	29.40	cps
Ytterbium	176-1	2054	2054	1887	1998	4.82	cps
Ytterbium	176-2	280	317	273	290	8.04	cps
Yttrium	89-1	23320980	22354291	21987606	22554292	3.05	cps
Yttrium	89-2	1700338	1580109	1612340	1630929	3.82	cps
Zinc	66-2	270	307	247	274	11.02	cps
Zirconium	90-1	757	777	663	732	8.26	cps
Zirconium	91-1	147	190	187	174	13.82	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:43:16 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6009974	6005724	6059714	6025137	0.50	cps
Antimony	121-1	14898	14868	15169	14978	1.10	cps
Arsenic	75-2	87	103	63	84	23.79	cps
Barium	135-1	5391	5111	5054	5185	3.48	cps
Barium	137-1	8793	9337	9287	9139	3.29	cps
Beryllium	9-1	1754	1696	1727	1726	1.67	cps
Bismuth	209-1	9552330	9821968	9404808	9593036	2.21	cps
Bismuth	209-2	3570107	3609116	3611067	3596763	0.64	cps
Bromine	81-1	8012	8082	8129	8075	0.73	cps
Cadmium	108-1	4581	4764	4577	4641	2.30	cps
Cadmium	106-1	7172	7395	7059	7209	2.38	cps
Cadmium	111-1	3962	3485	3709	3719	6.42	cps
Calcium	43-1	5506377	5488958	5574780	5523371	0.82	cps
Calcium	44-1	89190289	87642929	88055589	88296269	0.91	cps
Carbon	12-1	41391279	42090969	42355594	41945947	1.19	cps
Carbon	12-2	273665	272357	272893	272972	0.24	cps
Chlorine	35-1	70805847	73903026	75746549	73485141	3.40	cps
Chlorine	35-2	288835	292676	295519	292343	1.15	cps
Chromium	52-2	57351	58255	57435	57680	0.87	cps
Cobalt	59-2	6081	6288	6415	6261	2.69	cps
Copper	63-2	34225	35190	34605	34673	1.40	cps
Dysprosium	156-1	113	107	90	103	11.63	cps
Dysprosium	156-2	10	17	10	12	31.50	cps
Erbium	164-1	110	140	107	119	15.44	cps
Erbium	164-2	30	33	57	40	36.33	cps
Gadolinium	160-1	120	140	130	130	7.69	cps
Gadolinium	160-2	27	37	27	30	19.24	cps
Holmium	165-1	16945799	17585912	16808403	17113371	2.42	cps
Holmium	165-2	5571480	5500162	5374628	5482090	1.82	cps
Indium	115-1	12603778	12889126	12497471	12663458	1.60	cps
Indium	115-2	1150906	1166286	1149473	1155555	0.81	cps
Iron	54-2	12317136	12323681	12529668	12390162	0.98	cps
Iron	56-2	229469170	227049337	230808417	229108974	0.83	cps
Iron	57-2	5757604	5758023	5791817	5769148	0.34	cps
Krypton	83-1	177	180	173	177	1.88	cps
Lead	206-1	52660	52696	53299	52885	0.68	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:43:16 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	41597	41189	42178	41655	1.19	cps
Lead	208-1	197688	196615	199759	198021	0.81	cps
Lithium	6-1	7519443	7673827	7519777	7571016	1.18	cps
Magnesium	24-2	21193544	21073035	21252413	21172997	0.43	cps
Manganese	55-2	9280	9807	9386	9491	2.94	cps
Molybdenum	94-1	8246701	8244889	8287544	8259711	0.29	cps
Molybdenum	95-1	14527130	14490977	14984839	14667649	1.88	cps
Molybdenum	96-1	15584635	15440735	15931044	15652138	1.61	cps
Molybdenum	97-1	8930516	8962581	9087949	8993682	0.93	cps
Molybdenum	98-1	23435908	23490569	23967196	23631224	1.24	cps
Neodymium	150-1	77	90	100	89	13.17	cps
Neodymium	150-2	3	17	20	13	66.16	cps
Nickel	60-2	8699	9076	8723	8833	2.39	cps
Phosphorus	31-2	282603	281408	284816	282942	0.61	cps
Potassium	39-2	12348380	12569873	12244910	12387721	1.34	cps
Rhodium	103-1	11092739	11448889	11199951	11247193	1.62	cps
Rhodium	103-2	4116467	4131537	4056923	4101642	0.96	cps
Scandium	45-1	9684428	9948926	9565792	9733048	2.02	cps
Scandium	45-2	161972	164748	162075	162932	0.97	cps
Selenium	82-1	33	43	3	27	78.08	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	10	3	4	114.60	cps
Silicon	28-1	692135	696086	702858	697026	0.78	cps
Silver	107-1	1847	1493	1347	1562	16.45	cps
Silver	109-1	1620	1460	1240	1440	13.25	cps
Sodium	23-2	44856646	44474039	44851019	44727235	0.49	cps
Strontium	86-1	161356	164933	166451	164246	1.59	cps
Strontium	88-1	1387348	1480307	1517539	1461732	4.59	cps
Sulfur	34-1	7440029	7407036	7599884	7482317	1.38	cps
Terbium	159-1	16946259	17775239	17276868	17332789	2.41	cps
Terbium	159-2	5282795	5362121	5306682	5317199	0.77	cps
Thallium	203-1	2437	2647	3254	2779	15.26	cps
Thallium	205-1	5418	6575	7612	6535	16.80	cps
Tin	118-1	4431	4554	4560	4515	1.61	cps
Titanium	47-1	4877001	4812310	4887024	4858778	0.83	cps
Uranium	238-1	843	727	707	759	9.73	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:43:16 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	303	300	380	328	13.81	cps
Ytterbium	172-1	77	103	140	107	29.81	cps
Ytterbium	172-2	23	60	20	34	64.44	cps
Ytterbium	176-1	2077	2150	2064	2097	2.23	cps
Ytterbium	176-2	247	290	313	283	11.94	cps
Yttrium	89-1	23537110	24548784	23790855	23958917	2.20	cps
Yttrium	89-2	1640833	1625039	1650763	1638878	0.79	cps
Zinc	66-2	5198	5058	5211	5155	1.65	cps
Zirconium	90-1	1103	1107	1160	1123	2.83	cps
Zirconium	91-1	267	220	230	239	10.29	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:46:23 DataFile Name : 022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6137580	6143337	6127438	6136118	0.13	cps
Antimony	121-1	287596	288389	290538	288841	0.53	cps
Arsenic	75-2	5211	5294	5268	5258	0.81	cps
Barium	135-1	76736	77899	79166	77933	1.56	cps
Barium	137-1	132659	134215	137907	134927	2.00	cps
Beryllium	9-1	102095	103764	103326	103061	0.84	cps
Bismuth	209-1	9589857	9862347	9490120	9647441	2.00	cps
Bismuth	209-2	3736215	3628019	3823457	3729230	2.63	cps
Bromine	81-1	8339	8496	8903	8579	3.39	cps
Cadmium	108-1	9103	9083	9817	9334	4.48	cps
Cadmium	106-1	13837	13567	13000	13468	3.17	cps
Cadmium	111-1	70155	69180	68844	69393	0.98	cps
Calcium	43-1	5639271	5630052	5757597	5675640	1.25	cps
Calcium	44-1	91835079	91024445	92638612	91832712	0.88	cps
Carbon	12-1	44135154	45358649	45454956	44982920	1.64	cps
Carbon	12-2	292744	296388	295454	294862	0.64	cps
Chlorine	35-1	73458821	76573024	78675645	76235830	3.44	cps
Chlorine	35-2	300677	301600	305051	302443	0.76	cps
Chromium	52-2	116577	118307	117945	117610	0.78	cps
Cobalt	59-2	114025	113625	115211	114287	0.72	cps
Copper	63-2	117138	115941	116378	116486	0.52	cps
Dysprosium	156-1	133	110	103	116	13.64	cps
Dysprosium	156-2	13	20	13	16	24.76	cps
Erbium	164-1	120	177	120	139	23.56	cps
Erbium	164-2	40	40	50	43	13.32	cps
Gadolinium	160-1	87	113	123	108	17.59	cps
Gadolinium	160-2	50	53	33	46	23.52	cps
Holmium	165-1	17168010	17318539	17063471	17183340	0.75	cps
Holmium	165-2	5746388	5600204	5753149	5699914	1.52	cps
Indium	115-1	12615630	12905369	12546207	12689069	1.50	cps
Indium	115-2	1205493	1182716	1215559	1201256	1.40	cps
Iron	54-2	12630221	12570983	12538891	12580031	0.37	cps
Iron	56-2	233194143	231669577	231761003	232208241	0.37	cps
Iron	57-2	5914409	5964361	5926543	5935104	0.44	cps
Krypton	83-1	210	197	217	208	4.90	cps
Lead	206-1	279707	280408	284233	281449	0.87	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:46:23 DataFile Name : 022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	233871	234347	238912	235710	1.18	cps
Lead	208-1	1088254	1088059	1100461	1092258	0.65	cps
Lithium	6-1	7645740	7665522	7469759	7593674	1.42	cps
Magnesium	24-2	21652012	21805876	21399316	21619068	0.95	cps
Manganese	55-2	35294	35755	34923	35324	1.18	cps
Molybdenum	94-1	8522573	8450269	8497145	8489995	0.43	cps
Molybdenum	95-1	14943518	15043468	15075956	15020980	0.46	cps
Molybdenum	96-1	15805683	15964059	16125264	15965002	1.00	cps
Molybdenum	97-1	9164999	9194269	9295032	9218100	0.74	cps
Molybdenum	98-1	24191531	24321421	24656315	24389756	0.98	cps
Neodymium	150-1	87	93	67	82	16.87	cps
Neodymium	150-2	13	27	33	24	41.66	cps
Nickel	60-2	37733	38288	38067	38030	0.73	cps
Phosphorus	31-2	285775	289206	290343	288442	0.82	cps
Potassium	39-2	12694884	12716613	12678026	12696508	0.15	cps
Rhodium	103-1	11159093	11595481	11342685	11365753	1.93	cps
Rhodium	103-2	4266186	4181525	4262178	4236630	1.13	cps
Scandium	45-1	9906976	9943396	9823483	9891285	0.62	cps
Scandium	45-2	170603	169341	173318	171087	1.19	cps
Selenium	82-1	4518	4661	4588	4589	1.56	cps
Selenium	77-2	57	67	70	64	10.76	cps
Selenium	78-2	293	283	290	289	1.76	cps
Silicon	28-1	735270	742258	753852	743794	1.26	cps
Silver	107-1	331501	333301	335650	333484	0.62	cps
Silver	109-1	314929	319871	322080	318960	1.15	cps
Sodium	23-2	45397774	45494596	45897559	45596643	0.58	cps
Strontium	86-1	166832	167470	169166	167823	0.72	cps
Strontium	88-1	1535930	1501190	1535034	1524051	1.30	cps
Sulfur	34-1	7540238	7594320	7689606	7608055	0.99	cps
Terbium	159-1	17309833	18055077	17355146	17573352	2.38	cps
Terbium	159-2	5433820	5427105	5552527	5471150	1.29	cps
Thallium	203-1	287231	288767	291931	289310	0.83	cps
Thallium	205-1	687925	693037	693353	691438	0.44	cps
Tin	118-1	8754	8520	9557	8943	6.08	cps
Titanium	47-1	4997741	5057140	5023064	5025982	0.59	cps
Uranium	238-1	817	933	773	841	9.84	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:46:23 DataFile Name : 022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	45148	45659	46184	45664	1.14	cps
Ytterbium	172-1	73	143	117	111	31.80	cps
Ytterbium	172-2	37	50	43	43	15.38	cps
Ytterbium	176-1	2020	2220	2014	2085	5.63	cps
Ytterbium	176-2	310	233	283	276	14.12	cps
Yttrium	89-1	23831463	24802578	23920491	24184844	2.22	cps
Yttrium	89-2	1713573	1663451	1707494	1694839	1.61	cps
Zinc	66-2	13323	13650	13577	13517	1.27	cps
Zirconium	90-1	1153	1183	1033	1123	7.07	cps
Zirconium	91-1	277	277	287	280	2.06	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:57:26 DataFile Name : 024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3051667	3083343	3121557	3085522	1.13	cps
Antimony	121-1	6494932	6630928	6602442	6576100	1.09	cps
Arsenic	75-2	116578	116113	114652	115781	0.87	cps
Barium	135-1	8493113	8658291	8614944	8588783	1.00	cps
Barium	137-1	14802763	14842942	14784734	14810147	0.20	cps
Beryllium	9-1	2427543	2502477	2476474	2468831	1.54	cps
Bismuth	209-1	8932884	9014248	8935385	8960839	0.52	cps
Bismuth	209-2	3450281	3386101	3366705	3401029	1.29	cps
Bromine	81-1	6648	6982	6888	6840	2.52	cps
Cadmium	108-1	128593	130752	128576	129307	0.97	cps
Cadmium	106-1	184583	187816	188329	186910	1.09	cps
Cadmium	111-1	1568348	1602091	1593960	1588133	1.11	cps
Calcium	43-1	13016344	13143568	13157257	13105723	0.59	cps
Calcium	44-1	211079157	212152784	210520670	211250870	0.39	cps
Carbon	12-1	3470749	3609838	3660997	3580528	2.75	cps
Carbon	12-2	28344	28064	28063	28157	0.58	cps
Chlorine	35-1	816272	803696	789871	803280	1.64	cps
Chlorine	35-2	2917	3017	2940	2958	1.77	cps
Chromium	52-2	1462709	1477527	1447799	1462678	1.02	cps
Cobalt	59-2	2618656	2625197	2605755	2616536	0.38	cps
Copper	63-2	18410270	18335572	18192623	18312822	0.60	cps
Dysprosium	156-1	517	483	497	499	3.36	cps
Dysprosium	156-2	100	67	83	83	20.00	cps
Erbium	164-1	357	357	340	351	2.74	cps
Erbium	164-2	117	163	107	129	23.47	cps
Gadolinium	160-1	327	367	297	330	10.64	cps
Gadolinium	160-2	93	110	137	113	19.29	cps
Holmium	165-1	16246345	16462642	16385193	16364727	0.67	cps
Holmium	165-2	5323204	5364211	5313321	5333579	0.51	cps
Indium	115-1	11680728	11843984	11808138	11777617	0.73	cps
Indium	115-2	1095625	1109622	1108887	1104711	0.71	cps
Iron	54-2	14295005	14276083	14371675	14314254	0.35	cps
Iron	56-2	263121043	265321563	265127276	264523294	0.46	cps
Iron	57-2	6711342	6801685	6708912	6740646	0.78	cps
Krypton	83-1	227	260	313	267	16.39	cps
Lead	206-1	26328826	26563405	26955994	26616075	1.19	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:57:26 DataFile Name : 024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22724683	22947249	22958880	22876937	0.58	cps
Lead	208-1	105104392	105323203	105906498	105444698	0.39	cps
Lithium	6-1	7354062	7316596	7317201	7329286	0.29	cps
Magnesium	24-2	52592114	52512843	52664158	52589705	0.14	cps
Manganese	55-2	6095540	6104072	6103898	6101170	0.08	cps
Molybdenum	94-1	24405918	24225805	24518435	24383386	0.61	cps
Molybdenum	95-1	35502341	35220923	35424030	35382431	0.41	cps
Molybdenum	96-1	38291191	38880475	38466718	38546128	0.78	cps
Molybdenum	97-1	21595706	21690796	21584638	21623713	0.27	cps
Molybdenum	98-1	56763201	56317444	56715091	56598579	0.43	cps
Neodymium	150-1	763	857	803	808	5.80	cps
Neodymium	150-2	83	60	57	67	21.79	cps
Nickel	60-2	651171	652437	645858	649822	0.54	cps
Phosphorus	31-2	26037	26047	25977	26020	0.15	cps
Potassium	39-2	14929627	15055849	15168785	15051420	0.79	cps
Rhodium	103-1	10462923	10395214	10443806	10433981	0.33	cps
Rhodium	103-2	3859473	3872356	3871130	3867653	0.18	cps
Scandium	45-1	9275723	9284031	9288003	9282586	0.07	cps
Scandium	45-2	159409	161781	160913	160701	0.75	cps
Selenium	82-1	99367	101751	100603	100573	1.19	cps
Selenium	77-2	1743	1847	1667	1752	5.16	cps
Selenium	78-2	5591	5591	5494	5559	1.00	cps
Silicon	28-1	20034373	20243877	19895896	20058048	0.87	cps
Silver	107-1	8165551	8245078	8248094	8219575	0.57	cps
Silver	109-1	7889649	7946953	7927506	7921369	0.37	cps
Sodium	23-2	105528688	106095622	105242155	105622155	0.41	cps
Strontium	86-1	2539003	2497152	2498298	2511484	0.95	cps
Strontium	88-1	21185173	21411707	21308311	21301730	0.53	cps
Sulfur	34-1	1098354	1087641	1095749	1093915	0.51	cps
Terbium	159-1	16438205	16631842	16672785	16580944	0.76	cps
Terbium	159-2	5108393	5092681	5166880	5122651	0.76	cps
Thallium	203-1	6868244	6940212	6936030	6914829	0.58	cps
Thallium	205-1	16140710	16300504	16345326	16262180	0.66	cps
Tin	118-1	6182832	6266025	6217556	6222138	0.67	cps
Titanium	47-1	11129646	11189240	11167937	11162274	0.27	cps
Uranium	238-1	21989977	21865105	21940173	21931751	0.29	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 14:57:26 DataFile Name : 024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1088191	1098236	1081466	1089298	0.77	cps
Ytterbium	172-1	463	413	457	444	6.11	cps
Ytterbium	172-2	167	257	200	208	21.90	cps
Ytterbium	176-1	32517	33770	33342	33209	1.92	cps
Ytterbium	176-2	10441	10317	10598	10452	1.34	cps
Yttrium	89-1	22867289	22743739	22823935	22811654	0.27	cps
Yttrium	89-2	1574001	1559143	1610341	1581161	1.67	cps
Zinc	66-2	1975777	1985329	1966260	1975789	0.48	cps
Zirconium	90-1	12263753	12349980	12346604	12320112	0.40	cps
Zirconium	91-1	2802646	2755127	2757260	2771677	0.97	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:04:21 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	63	90	71	23.12	cps
Antimony	121-1	447	380	410	412	8.10	cps
Arsenic	75-2	0	3	7	3	100.05	cps
Barium	135-1	553	523	490	522	6.07	cps
Barium	137-1	863	783	880	842	6.14	cps
Beryllium	9-1	627	552	550	577	7.64	cps
Bismuth	209-1	10387003	10519242	10413251	10439832	0.67	cps
Bismuth	209-2	3756182	3961733	4144260	3954058	4.91	cps
Bromine	81-1	6662	6568	6802	6677	1.76	cps
Cadmium	108-1	33	30	17	27	33.06	cps
Cadmium	106-1	7339	7385	7205	7310	1.28	cps
Cadmium	111-1	1491	1513	1479	1494	1.13	cps
Calcium	43-1	647	637	660	648	1.81	cps
Calcium	44-1	11945	11625	11365	11645	2.50	cps
Carbon	12-1	2444846	2319394	2317701	2360647	3.09	cps
Carbon	12-2	14707	15131	15198	15012	1.77	cps
Chlorine	35-1	464347	456914	448328	456530	1.76	cps
Chlorine	35-2	1543	1590	1547	1560	1.67	cps
Chromium	52-2	1813	1817	1783	1805	1.02	cps
Cobalt	59-2	150	193	193	179	13.99	cps
Copper	63-2	2767	2930	3074	2924	5.25	cps
Dysprosium	156-1	43	57	60	53	16.54	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	80	70	103	84	20.25	cps
Erbium	164-2	13	37	20	23	51.52	cps
Gadolinium	160-1	97	73	50	73	31.82	cps
Gadolinium	160-2	3	13	13	10	57.75	cps
Holmium	165-1	16765738	16727500	16923962	16805733	0.62	cps
Holmium	165-2	5335543	5609440	5898243	5614408	5.01	cps
Indium	115-1	13233129	13199177	13169411	13200572	0.24	cps
Indium	115-2	1156500	1224466	1289730	1223565	5.44	cps
Iron	54-2	703	673	720	699	3.38	cps
Iron	56-2	9477	9397	9660	9511	1.42	cps
Iron	57-2	203	277	287	256	17.80	cps
Krypton	83-1	160	167	163	163	2.04	cps
Lead	206-1	2557	2527	2380	2488	3.80	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:04:21 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2227	2124	2147	2166	2.50	cps
Lead	208-1	9922	9938	9675	9845	1.50	cps
Lithium	6-1	7993675	8013978	8121651	8043102	0.86	cps
Magnesium	24-2	473	533	460	489	7.99	cps
Manganese	55-2	273	240	287	267	9.01	cps
Molybdenum	94-1	687	660	653	667	2.65	cps
Molybdenum	95-1	667	673	723	688	4.50	cps
Molybdenum	96-1	843	773	820	812	4.39	cps
Molybdenum	97-1	410	430	403	414	3.35	cps
Molybdenum	98-1	1070	1197	1047	1105	7.31	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1523	1613	1607	1581	3.17	cps
Phosphorus	31-2	33	47	43	41	16.89	cps
Potassium	39-2	7665	7826	7712	7734	1.06	cps
Rhodium	103-1	12255972	12250585	12230685	12245747	0.11	cps
Rhodium	103-2	4317417	4526050	4768937	4537468	4.98	cps
Scandium	45-1	9779064	9994160	9804438	9859221	1.19	cps
Scandium	45-2	155330	167028	175479	165946	6.10	cps
Selenium	82-1	17	-43	0	-9	-348.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	3	7	4	43.40	cps
Silicon	28-1	398674	396911	396009	397198	0.34	cps
Silver	107-1	300	423	353	359	17.24	cps
Silver	109-1	267	283	250	267	6.25	cps
Sodium	23-2	27583	27576	27883	27681	0.63	cps
Strontium	86-1	323	350	307	327	6.69	cps
Strontium	88-1	400	480	440	440	9.09	cps
Sulfur	34-1	418236	421935	418623	419598	0.48	cps
Terbium	159-1	17325246	17013875	17012551	17117224	1.05	cps
Terbium	159-2	5153960	5406046	5684281	5414762	4.90	cps
Thallium	203-1	1073	927	1097	1032	8.93	cps
Thallium	205-1	2354	2220	2287	2287	2.92	cps
Tin	118-1	1115	1150	1038	1101	5.18	cps
Titanium	47-1	187	233	173	198	15.93	cps
Uranium	238-1	110	70	80	87	24.02	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:04:21 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	10	23	12	83.33	cps
Ytterbium	172-1	120	127	103	117	10.30	cps
Ytterbium	172-2	67	43	30	47	39.77	cps
Ytterbium	176-1	2060	2077	2057	2065	0.52	cps
Ytterbium	176-2	287	317	307	303	5.04	cps
Yttrium	89-1	24106079	24219070	23811776	24045642	0.87	cps
Yttrium	89-2	1583574	1659349	1761750	1668225	5.36	cps
Zinc	66-2	390	360	330	360	8.33	cps
Zirconium	90-1	870	883	730	828	10.26	cps
Zirconium	91-1	137	233	167	179	27.66	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:29:20 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1233	1157	1287	1226	5.33	cps
Antimony	121-1	25604	25270	25557	25477	0.71	cps
Arsenic	75-2	253	310	260	274	11.29	cps
Barium	135-1	33040	32963	33044	33016	0.14	cps
Barium	137-1	58235	57127	56357	57239	1.65	cps
Beryllium	9-1	5305	5382	5409	5365	1.00	cps
Bismuth	209-1	9967302	9967419	10094557	10009759	0.73	cps
Bismuth	209-2	3918604	3828227	3957751	3901528	1.70	cps
Bromine	81-1	6141	6118	5921	6060	2.00	cps
Cadmium	108-1	277	317	333	309	9.43	cps
Cadmium	106-1	7462	7219	7255	7312	1.79	cps
Cadmium	111-1	4783	4629	4688	4700	1.65	cps
Calcium	43-1	25606	26267	25903	25926	1.28	cps
Calcium	44-1	417713	420946	419389	419349	0.39	cps
Carbon	12-1	3164828	3127215	3099901	3130648	1.04	cps
Carbon	12-2	19964	19339	20307	19870	2.47	cps
Chlorine	35-1	156792	156149	154744	155895	0.67	cps
Chlorine	35-2	563	493	547	534	6.84	cps
Chromium	52-2	7149	7225	7098	7157	0.89	cps
Cobalt	59-2	5728	5581	5478	5596	2.25	cps
Copper	63-2	10611	10664	11021	10765	2.07	cps
Dysprosium	156-1	97	60	83	80	23.20	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	87	77	67	77	13.04	cps
Erbium	164-2	23	7	33	21	63.80	cps
Gadolinium	160-1	70	40	57	56	27.06	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Holmium	165-1	16230073	16331380	16513756	16358403	0.88	cps
Holmium	165-2	5332606	5371285	5485828	5396573	1.48	cps
Indium	115-1	12799950	12504880	12763839	12689556	1.27	cps
Indium	115-2	1168978	1164324	1209563	1180955	2.11	cps
Iron	54-2	6608	6678	6668	6652	0.57	cps
Iron	56-2	116060	116030	117579	116557	0.76	cps
Iron	57-2	2897	3107	3207	3070	5.15	cps
Krypton	83-1	170	163	147	160	7.51	cps
Lead	206-1	12206	11865	12570	12214	2.88	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:29:20 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10584	11015	11095	10898	2.52	cps
Lead	208-1	49331	48763	49888	49327	1.14	cps
Lithium	6-1	7963533	7886481	7995605	7948540	0.71	cps
Magnesium	24-2	104961	104437	104874	104757	0.27	cps
Manganese	55-2	1430	1330	1407	1389	3.77	cps
Molybdenum	94-1	27921	28305	27865	28030	0.86	cps
Molybdenum	95-1	33230	33500	33029	33253	0.71	cps
Molybdenum	96-1	37093	37718	37186	37332	0.90	cps
Molybdenum	97-1	20265	20705	20282	20417	1.22	cps
Molybdenum	98-1	52833	54155	54178	53722	1.43	cps
Neodymium	150-1	17	17	30	21	36.45	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2824	3187	3007	3006	6.05	cps
Phosphorus	31-2	100	140	137	126	17.68	cps
Potassium	39-2	62742	63382	62980	63035	0.51	cps
Rhodium	103-1	11986892	11505179	11781941	11758004	2.06	cps
Rhodium	103-2	4288940	4278141	4396460	4321180	1.51	cps
Scandium	45-1	9514313	9433627	9463774	9470571	0.43	cps
Scandium	45-2	157630	157626	164001	159753	2.30	cps
Selenium	82-1	1197	1107	1053	1119	6.48	cps
Selenium	77-2	13	17	30	20	44.10	cps
Selenium	78-2	60	53	93	69	31.11	cps
Silicon	28-1	458188	462891	459568	460216	0.53	cps
Silver	107-1	16273	16323	16937	16511	2.24	cps
Silver	109-1	16176	15926	15782	15962	1.25	cps
Sodium	23-2	225029	223780	224135	224315	0.29	cps
Strontium	86-1	4784	4788	5208	4926	4.94	cps
Strontium	88-1	40211	39208	39185	39535	1.48	cps
Sulfur	34-1	418632	418853	415219	417568	0.49	cps
Terbium	159-1	16915869	16368232	16549829	16611310	1.68	cps
Terbium	159-2	5201698	5142938	5306062	5216899	1.58	cps
Thallium	203-1	13908	14251	14074	14078	1.22	cps
Thallium	205-1	33159	32768	33246	33058	0.77	cps
Tin	118-1	55536	55657	55998	55731	0.43	cps
Titanium	47-1	10814	11008	10511	10777	2.32	cps
Uranium	238-1	40692	41370	41531	41198	1.08	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:29:20 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10844	10541	10721	10702	1.43	cps
Ytterbium	172-1	100	107	107	104	3.69	cps
Ytterbium	172-2	67	30	23	40	58.34	cps
Ytterbium	176-1	2107	2000	2144	2084	3.57	cps
Ytterbium	176-2	293	287	320	300	5.88	cps
Yttrium	89-1	23397163	22675633	23138615	23070470	1.58	cps
Yttrium	89-2	1585818	1592830	1619826	1599491	1.12	cps
Zinc	66-2	2374	2480	2440	2431	2.22	cps
Zirconium	90-1	23396	23557	23577	23510	0.42	cps
Zirconium	91-1	4938	5098	5138	5058	2.09	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:33:12 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	583	563	533	560	4.49	cps
Antimony	121-1	5311	5181	5321	5271	1.48	cps
Arsenic	75-2	120	90	103	104	14.39	cps
Barium	135-1	6785	6628	6852	6755	1.70	cps
Barium	137-1	12172	11752	11955	11960	1.76	cps
Beryllium	9-1	2497	2359	2379	2412	3.11	cps
Bismuth	209-1	10250796	10330753	9899208	10160253	2.26	cps
Bismuth	209-2	3990708	3981010	3879714	3950477	1.56	cps
Bromine	81-1	6115	6055	6058	6076	0.56	cps
Cadmium	108-1	137	117	157	137	14.63	cps
Cadmium	106-1	6882	7362	6972	7072	3.61	cps
Cadmium	111-1	2701	2781	2528	2670	4.84	cps
Calcium	43-1	10737	10984	11198	10973	2.10	cps
Calcium	44-1	173978	177150	179562	176897	1.58	cps
Carbon	12-1	2663606	2584662	2628643	2625637	1.51	cps
Carbon	12-2	16279	16686	16706	16557	1.46	cps
Chlorine	35-1	138565	137597	137310	137824	0.48	cps
Chlorine	35-2	580	500	487	522	9.67	cps
Chromium	52-2	3074	3140	3060	3091	1.39	cps
Cobalt	59-2	2407	2517	2360	2428	3.31	cps
Copper	63-2	6058	6225	5968	6084	2.14	cps
Dysprosium	156-1	47	73	73	64	23.88	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	73	87	93	84	12.07	cps
Erbium	164-2	13	17	23	18	28.64	cps
Gadolinium	160-1	63	33	70	56	35.16	cps
Gadolinium	160-2	0	20	20	13	86.60	cps
Holmium	165-1	16809799	16318928	15895461	16341396	2.80	cps
Holmium	165-2	5544605	5515659	5352463	5470909	1.89	cps
Indium	115-1	13108168	12920855	12449754	12826259	2.64	cps
Indium	115-2	1192620	1196742	1157913	1182425	1.80	cps
Iron	54-2	4304	4474	4427	4402	2.00	cps
Iron	56-2	80113	79517	78487	79372	1.04	cps
Iron	57-2	1990	1930	1890	1937	2.60	cps
Krypton	83-1	140	203	170	171	18.52	cps
Lead	206-1	6258	6088	6282	6209	1.70	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:33:12 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5271	5211	5668	5383	4.61	cps
Lead	208-1	24880	24119	24596	24531	1.57	cps
Lithium	6-1	8305646	7990274	8000290	8098736	2.21	cps
Magnesium	24-2	43408	44758	43327	43831	1.83	cps
Manganese	55-2	1257	1247	1333	1279	3.71	cps
Molybdenum	94-1	5354	5451	5504	5437	1.40	cps
Molybdenum	95-1	3254	3014	3130	3133	3.83	cps
Molybdenum	96-1	4191	4047	4127	4122	1.74	cps
Molybdenum	97-1	1910	1967	1903	1927	1.81	cps
Molybdenum	98-1	5038	5391	5148	5192	3.48	cps
Neodymium	150-1	20	13	10	14	35.26	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	2010	2230	2057	2099	5.52	cps
Phosphorus	31-2	77	83	67	76	11.10	cps
Potassium	39-2	20839	20818	20735	20797	0.26	cps
Rhodium	103-1	12126829	11778795	11551373	11818999	2.45	cps
Rhodium	103-2	4403793	4381687	4272032	4352504	1.62	cps
Scandium	45-1	9705929	9667993	9430329	9601417	1.56	cps
Scandium	45-2	160208	160966	157795	159657	1.04	cps
Selenium	82-1	1047	950	960	986	5.39	cps
Selenium	77-2	13	17	10	13	25.01	cps
Selenium	78-2	30	50	50	43	26.65	cps
Silicon	28-1	392231	390419	394691	392447	0.55	cps
Silver	107-1	7275	7359	7089	7241	1.91	cps
Silver	109-1	6308	6732	7009	6683	5.28	cps
Sodium	23-2	103983	103450	104343	103925	0.43	cps
Strontium	86-1	2217	2077	2107	2134	3.46	cps
Strontium	88-1	16046	15999	16400	16148	1.36	cps
Sulfur	34-1	408481	410968	408385	409278	0.36	cps
Terbium	159-1	17227947	16699276	16533655	16820293	2.16	cps
Terbium	159-2	5329237	5282101	5150675	5254005	1.76	cps
Thallium	203-1	5735	5661	5815	5737	1.34	cps
Thallium	205-1	14285	14101	14405	14263	1.07	cps
Tin	118-1	5655	5389	5734	5593	3.23	cps
Titanium	47-1	983	1063	1013	1020	3.96	cps
Uranium	238-1	17135	17032	16761	16976	1.14	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:33:12 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	810	850	883	848	4.33	cps
Ytterbium	172-1	97	90	80	89	9.44	cps
Ytterbium	172-2	23	50	33	36	37.90	cps
Ytterbium	176-1	1944	2024	2014	1994	2.19	cps
Ytterbium	176-2	243	250	297	263	11.03	cps
Yttrium	89-1	23800330	23457441	22858671	23372147	2.04	cps
Yttrium	89-2	1595029	1615877	1579623	1596843	1.14	cps
Zinc	66-2	713	713	663	697	4.14	cps
Zirconium	90-1	9950	9643	9847	9814	1.59	cps
Zirconium	91-1	2034	2270	2244	2182	5.94	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:36:34 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1447	1440	1223	1370	9.28	cps
Antimony	121-1	25551	25955	25915	25807	0.86	cps
Arsenic	75-2	203	243	280	242	15.83	cps
Barium	135-1	33074	34360	32770	33401	2.53	cps
Barium	137-1	57167	57836	58214	57739	0.92	cps
Beryllium	9-1	5305	5540	5453	5433	2.19	cps
Bismuth	209-1	10243018	10388723	10204632	10278791	0.94	cps
Bismuth	209-2	4001057	3949452	3915036	3955182	1.09	cps
Bromine	81-1	6128	6201	6145	6158	0.62	cps
Cadmium	108-1	287	300	317	301	4.99	cps
Cadmium	106-1	7529	7349	7385	7421	1.28	cps
Cadmium	111-1	4809	4714	4746	4756	1.02	cps
Calcium	43-1	26004	26588	25970	26187	1.33	cps
Calcium	44-1	420234	421046	423965	421748	0.47	cps
Carbon	12-1	3078930	3125158	3089742	3097944	0.78	cps
Carbon	12-2	19436	20050	19633	19707	1.59	cps
Chlorine	35-1	134239	133704	134222	134055	0.23	cps
Chlorine	35-2	480	493	527	500	4.81	cps
Chromium	52-2	7522	7409	7299	7410	1.51	cps
Cobalt	59-2	5508	5604	5725	5612	1.93	cps
Copper	63-2	10474	10924	10778	10725	2.14	cps
Dysprosium	156-1	73	60	103	79	28.14	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	67	87	57	70	21.82	cps
Erbium	164-2	23	7	20	17	52.90	cps
Gadolinium	160-1	70	53	43	56	24.25	cps
Gadolinium	160-2	20	13	10	14	35.26	cps
Holmium	165-1	16816245	16575924	16819256	16737142	0.83	cps
Holmium	165-2	5538841	5485791	5529088	5517907	0.51	cps
Indium	115-1	13079593	12851186	13014466	12981748	0.91	cps
Indium	115-2	1197541	1196372	1206635	1200182	0.47	cps
Iron	54-2	6422	6542	6555	6506	1.13	cps
Iron	56-2	117768	117586	116554	117303	0.56	cps
Iron	57-2	2980	2834	2860	2891	2.70	cps
Krypton	83-1	170	157	147	158	7.42	cps
Lead	206-1	12449	12346	12172	12323	1.14	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:36:34 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10528	10771	10728	10676	1.22	cps
Lead	208-1	49394	49604	49207	49402	0.40	cps
Lithium	6-1	8318406	8088494	8159274	8188725	1.44	cps
Magnesium	24-2	107073	107009	106186	106756	0.46	cps
Manganese	55-2	1423	1407	1470	1433	2.29	cps
Molybdenum	94-1	28439	28406	28175	28340	0.51	cps
Molybdenum	95-1	33774	34112	34119	34001	0.58	cps
Molybdenum	96-1	36555	37808	37524	37295	1.76	cps
Molybdenum	97-1	21056	21210	21397	21221	0.80	cps
Molybdenum	98-1	54276	55049	53971	54432	1.02	cps
Neodymium	150-1	23	7	10	13	66.12	cps
Neodymium	150-2	0	17	3	7	132.33	cps
Nickel	60-2	2870	2907	3050	2943	3.23	cps
Phosphorus	31-2	147	80	120	116	29.04	cps
Potassium	39-2	63499	62632	63700	63277	0.90	cps
Rhodium	103-1	12097770	11857887	12109623	12021760	1.18	cps
Rhodium	103-2	4447568	4423484	4446430	4439161	0.31	cps
Scandium	45-1	9540965	9585848	9666842	9597885	0.66	cps
Scandium	45-2	161920	162083	164111	162705	0.75	cps
Selenium	82-1	973	1163	1040	1059	9.10	cps
Selenium	77-2	23	10	13	16	44.60	cps
Selenium	78-2	50	50	53	51	3.76	cps
Silicon	28-1	459108	458840	459203	459050	0.04	cps
Silver	107-1	17114	16353	16900	16789	2.34	cps
Silver	109-1	16263	16180	16086	16176	0.55	cps
Sodium	23-2	225148	223490	227818	225485	0.97	cps
Strontium	86-1	4804	4968	4961	4911	1.88	cps
Strontium	88-1	40241	39542	39248	39677	1.29	cps
Sulfur	34-1	414978	415196	411188	413787	0.54	cps
Terbium	159-1	16912170	16985751	17027946	16975289	0.35	cps
Terbium	159-2	5252466	5274455	5399184	5308702	1.49	cps
Thallium	203-1	14108	13530	14064	13901	2.31	cps
Thallium	205-1	32424	32999	32431	32618	1.01	cps
Tin	118-1	56492	56479	57609	56860	1.14	cps
Titanium	47-1	10888	10938	11191	11005	1.48	cps
Uranium	238-1	41223	41581	41307	41371	0.45	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:36:34 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11011	10644	10787	10814	1.71	cps
Ytterbium	172-1	107	87	93	96	10.66	cps
Ytterbium	172-2	33	50	33	39	24.75	cps
Ytterbium	176-1	2127	2054	2150	2110	2.39	cps
Ytterbium	176-2	260	313	373	316	17.97	cps
Yttrium	89-1	23540350	23500697	23713192	23584747	0.48	cps
Yttrium	89-2	1643010	1625830	1609911	1626251	1.02	cps
Zinc	66-2	2497	2384	2297	2392	4.19	cps
Zirconium	90-1	23817	24101	24141	24020	0.74	cps
Zirconium	91-1	5498	5271	5184	5318	3.04	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-09 Instrumnet Name : P8
Client Sample ID : MDL-WATER-03-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:39:57 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567	433	457	486	14.67	cps
Antimony	121-1	5091	4744	4574	4803	5.48	cps
Arsenic	75-2	110	83	60	84	29.63	cps
Barium	135-1	6558	6285	6298	6380	2.42	cps
Barium	137-1	11275	11315	10781	11124	2.67	cps
Beryllium	9-1	2221	2172	2116	2170	2.42	cps
Bismuth	209-1	10049330	9412958	9166520	9542936	4.77	cps
Bismuth	209-2	3662376	3662218	3599477	3641357	1.00	cps
Bromine	81-1	6021	6245	5918	6061	2.76	cps
Cadmium	108-1	153	113	137	134	14.95	cps
Cadmium	106-1	6912	6495	6428	6612	3.96	cps
Cadmium	111-1	2605	2453	2497	2518	3.11	cps
Calcium	43-1	10207	10017	10160	10128	0.98	cps
Calcium	44-1	172009	163327	161562	165633	3.38	cps
Carbon	12-1	2849244	2784903	2788620	2807589	1.29	cps
Carbon	12-2	18175	17734	17601	17836	1.68	cps
Chlorine	35-1	125048	122493	120691	122744	1.78	cps
Chlorine	35-2	480	547	563	530	8.32	cps
Chromium	52-2	2640	2634	2754	2676	2.52	cps
Cobalt	59-2	2087	2034	2134	2085	2.40	cps
Copper	63-2	5578	5591	5498	5556	0.91	cps
Dysprosium	156-1	73	43	70	62	26.43	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	77	90	90	86	9.00	cps
Erbium	164-2	33	40	27	33	20.00	cps
Gadolinium	160-1	63	80	50	64	23.32	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	16020001	15151763	15013154	15394973	3.54	cps
Holmium	165-2	5140095	5062421	5051135	5084550	0.95	cps
Indium	115-1	12343230	11749726	11701440	11931465	3.00	cps
Indium	115-2	1110033	1094285	1099607	1101308	0.73	cps
Iron	54-2	4097	3944	4077	4040	2.06	cps
Iron	56-2	71746	71240	72161	71716	0.64	cps
Iron	57-2	1783	1757	1843	1795	2.47	cps
Krypton	83-1	167	143	140	150	9.69	cps
Lead	206-1	5805	5645	5438	5629	3.27	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-09 Instrumnet Name : P8
Client Sample ID : MDL-WATER-03-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:39:57 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5004	4908	4658	4857	3.68	cps
Lead	208-1	22968	22418	21851	22412	2.49	cps
Lithium	6-1	7781135	7485910	7507205	7591417	2.17	cps
Magnesium	24-2	39597	39680	39303	39527	0.50	cps
Manganese	55-2	1067	1167	1030	1088	6.50	cps
Molybdenum	94-1	5128	4881	4734	4914	4.05	cps
Molybdenum	95-1	3014	2947	3014	2991	1.29	cps
Molybdenum	96-1	3701	3727	3360	3596	5.69	cps
Molybdenum	97-1	1877	1687	1803	1789	5.36	cps
Molybdenum	98-1	4941	4534	4427	4634	5.85	cps
Neodymium	150-1	13	27	10	17	52.93	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2054	1803	1870	1909	6.78	cps
Phosphorus	31-2	57	47	100	68	41.82	cps
Potassium	39-2	20114	19784	20565	20154	1.95	cps
Rhodium	103-1	11612582	11055687	10652684	11106985	4.34	cps
Rhodium	103-2	4129857	4021637	4063364	4071619	1.34	cps
Scandium	45-1	9274993	8878105	8606183	8919761	3.77	cps
Scandium	45-2	150044	148367	148794	149068	0.58	cps
Selenium	82-1	1047	947	950	981	5.79	cps
Selenium	77-2	17	20	13	17	20.01	cps
Selenium	78-2	77	77	70	74	5.17	cps
Silicon	28-1	388167	379906	377650	381908	1.45	cps
Silver	107-1	6888	6595	6308	6597	4.40	cps
Silver	109-1	6131	6822	6238	6397	5.81	cps
Sodium	23-2	96127	96798	96274	96400	0.37	cps
Strontium	86-1	2087	1920	1803	1937	7.35	cps
Strontium	88-1	15068	14831	14861	14920	0.86	cps
Sulfur	34-1	407187	406948	400720	404952	0.91	cps
Terbium	159-1	16333055	15481410	15362551	15725672	3.37	cps
Terbium	159-2	4960105	4821635	4866454	4882731	1.45	cps
Thallium	203-1	5818	5321	5398	5512	4.85	cps
Thallium	205-1	13510	12650	12383	12848	4.59	cps
Tin	118-1	5386	4893	5179	5152	4.81	cps
Titanium	47-1	1097	930	1010	1012	8.24	cps
Uranium	238-1	16231	15666	15439	15779	2.58	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-09 Instrumnet Name : P8
Client Sample ID : MDL-WATER-03-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:39:57 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	813	847	843	834	2.20	cps
Ytterbium	172-1	83	80	80	81	2.37	cps
Ytterbium	172-2	30	23	40	31	26.97	cps
Ytterbium	176-1	1914	1857	1787	1852	3.43	cps
Ytterbium	176-2	303	233	270	269	13.02	cps
Yttrium	89-1	22953324	21788530	21311106	22017653	3.84	cps
Yttrium	89-2	1498788	1466402	1481997	1482396	1.09	cps
Zinc	66-2	643	690	610	648	6.20	cps
Zirconium	90-1	9363	9196	8836	9132	2.95	cps
Zirconium	91-1	2097	2097	1933	2042	4.62	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:43:19 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1177	1160	1197	1178	1.56	cps
Antimony	121-1	25998	26115	25250	25788	1.82	cps
Arsenic	75-2	200	223	257	227	12.57	cps
Barium	135-1	33698	33829	34637	34055	1.49	cps
Barium	137-1	58539	57662	58445	58215	0.83	cps
Beryllium	9-1	5342	5315	5394	5350	0.75	cps
Bismuth	209-1	10287149	10327782	10398280	10337737	0.54	cps
Bismuth	209-2	3659143	4259651	3695747	3871514	8.70	cps
Bromine	81-1	5985	5678	5968	5877	2.94	cps
Cadmium	108-1	343	317	237	299	18.57	cps
Cadmium	106-1	7525	7502	7412	7480	0.80	cps
Cadmium	111-1	4715	4849	4854	4806	1.64	cps
Calcium	43-1	26568	26538	26721	26609	0.37	cps
Calcium	44-1	427818	421447	426891	425385	0.81	cps
Carbon	12-1	3035767	3013491	2995568	3014942	0.67	cps
Carbon	12-2	19436	18996	19106	19179	1.20	cps
Chlorine	35-1	123085	122667	124106	123286	0.60	cps
Chlorine	35-2	510	423	420	451	11.31	cps
Chromium	52-2	7369	7339	7239	7315	0.93	cps
Cobalt	59-2	5678	5588	5778	5681	1.67	cps
Copper	63-2	10581	10884	10717	10727	1.42	cps
Dysprosium	156-1	53	63	80	66	20.55	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	63	70	67	67	5.00	cps
Erbium	164-2	37	23	23	28	27.73	cps
Gadolinium	160-1	73	53	47	58	24.02	cps
Gadolinium	160-2	13	30	13	19	50.96	cps
Holmium	165-1	16606871	16775711	16675285	16685956	0.51	cps
Holmium	165-2	5115693	5946676	5215902	5426090	8.36	cps
Indium	115-1	12909582	12904283	12916193	12910020	0.05	cps
Indium	115-2	1113459	1292590	1119620	1175223	8.65	cps
Iron	54-2	6988	6862	6555	6802	3.28	cps
Iron	56-2	118329	116108	116595	117011	1.00	cps
Iron	57-2	3097	2800	2974	2957	5.04	cps
Krypton	83-1	183	163	150	166	10.14	cps
Lead	206-1	12339	12406	12576	12441	0.98	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:43:19 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11051	10841	10885	10926	1.02	cps
Lead	208-1	49484	49297	49607	49463	0.32	cps
Lithium	6-1	8089381	8019017	8218787	8109062	1.25	cps
Magnesium	24-2	108174	107173	108372	107906	0.60	cps
Manganese	55-2	1403	1447	1497	1449	3.22	cps
Molybdenum	94-1	27614	28573	28085	28091	1.71	cps
Molybdenum	95-1	34175	34346	34112	34211	0.35	cps
Molybdenum	96-1	37557	37109	37942	37536	1.11	cps
Molybdenum	97-1	21593	21490	21714	21599	0.52	cps
Molybdenum	98-1	54456	54808	54687	54650	0.33	cps
Neodymium	150-1	27	23	30	27	12.51	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2934	2997	2894	2941	1.77	cps
Phosphorus	31-2	147	120	120	129	11.95	cps
Potassium	39-2	63827	62384	62548	62920	1.26	cps
Rhodium	103-1	12003715	11984024	11875788	11954509	0.58	cps
Rhodium	103-2	4123888	4690104	4140306	4318099	7.46	cps
Scandium	45-1	9601286	9457992	9572655	9543978	0.79	cps
Scandium	45-2	150144	174974	150119	158413	9.05	cps
Selenium	82-1	993	1027	1067	1029	3.57	cps
Selenium	77-2	10	17	33	20	60.08	cps
Selenium	78-2	53	53	37	48	20.13	cps
Silicon	28-1	457533	456638	452469	455547	0.59	cps
Silver	107-1	16960	17187	16710	16953	1.41	cps
Silver	109-1	16273	16093	16186	16184	0.56	cps
Sodium	23-2	225456	224558	228279	226098	0.86	cps
Strontium	86-1	4691	5064	4921	4892	3.85	cps
Strontium	88-1	39452	39760	40231	39814	0.99	cps
Sulfur	34-1	421793	422206	421752	421917	0.06	cps
Terbium	159-1	16802994	16974926	16874219	16884046	0.51	cps
Terbium	159-2	4942970	5577618	4929995	5150195	7.19	cps
Thallium	203-1	14181	13701	14101	13994	1.84	cps
Thallium	205-1	32277	33610	33283	33057	2.10	cps
Tin	118-1	57209	57248	57815	57424	0.59	cps
Titanium	47-1	10934	11381	10904	11073	2.41	cps
Uranium	238-1	42156	42394	42591	42381	0.51	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:43:19 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10871	10904	10844	10873	0.28	cps
Ytterbium	172-1	77	113	83	91	21.44	cps
Ytterbium	172-2	47	33	37	39	17.85	cps
Ytterbium	176-1	1894	2057	2020	1990	4.31	cps
Ytterbium	176-2	280	327	277	294	9.50	cps
Yttrium	89-1	23539512	22906845	23403412	23283256	1.43	cps
Yttrium	89-2	1511520	1754327	1505309	1590385	8.93	cps
Zinc	66-2	2230	2340	2344	2305	2.80	cps
Zirconium	90-1	23961	23757	23937	23885	0.47	cps
Zirconium	91-1	5324	5318	5274	5306	0.51	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-12 Instrumnet Name : P8
Client Sample ID : MDL-WATER-06-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:46:43 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	527	620	573	573	8.14	cps
Antimony	121-1	5358	5271	5558	5396	2.73	cps
Arsenic	75-2	60	97	110	89	29.13	cps
Barium	135-1	7135	7189	6595	6973	4.71	cps
Barium	137-1	12035	12366	11979	12127	1.72	cps
Beryllium	9-1	2344	2436	2219	2333	4.68	cps
Bismuth	209-1	10144298	10267272	10182214	10197928	0.62	cps
Bismuth	209-2	4242916	3855055	3822097	3973356	5.89	cps
Bromine	81-1	6275	6188	6311	6258	1.01	cps
Cadmium	108-1	153	153	123	143	12.08	cps
Cadmium	106-1	7455	7145	7095	7232	2.70	cps
Cadmium	111-1	2764	2682	2719	2722	1.51	cps
Calcium	43-1	10761	11041	10541	10781	2.33	cps
Calcium	44-1	175696	176597	176981	176425	0.37	cps
Carbon	12-1	2634161	2566285	2614355	2604933	1.34	cps
Carbon	12-2	16680	16546	16633	16619	0.41	cps
Chlorine	35-1	118378	117539	117643	117853	0.39	cps
Chlorine	35-2	410	460	370	413	10.91	cps
Chromium	52-2	2907	3014	3030	2984	2.24	cps
Cobalt	59-2	2224	2397	2230	2284	4.30	cps
Copper	63-2	6201	5921	5995	6039	2.41	cps
Dysprosium	156-1	70	67	70	69	2.79	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	80	87	90	86	5.95	cps
Erbium	164-2	40	40	30	37	15.75	cps
Gadolinium	160-1	47	53	53	51	7.52	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	16695616	16636092	16561672	16631127	0.40	cps
Holmium	165-2	5723816	5341103	5376993	5480637	3.86	cps
Indium	115-1	12787179	12924600	12787691	12833157	0.62	cps
Indium	115-2	1264681	1144921	1161719	1190440	5.45	cps
Iron	54-2	4291	4437	4447	4392	2.00	cps
Iron	56-2	78715	79134	79989	79280	0.82	cps
Iron	57-2	2117	2077	2014	2069	2.52	cps
Krypton	83-1	143	197	153	164	17.24	cps
Lead	206-1	5788	5905	6071	5921	2.41	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-12 Instrumnet Name : P8
Client Sample ID : MDL-WATER-06-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:46:43 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5365	5241	5198	5268	1.64	cps
Lead	208-1	23799	24029	23789	23872	0.57	cps
Lithium	6-1	8212193	8093106	8205432	8170244	0.82	cps
Magnesium	24-2	42559	43318	42876	42917	0.89	cps
Manganese	55-2	1220	1173	1270	1221	3.96	cps
Molybdenum	94-1	5575	5361	5665	5533	2.82	cps
Molybdenum	95-1	3197	3347	3154	3233	3.14	cps
Molybdenum	96-1	4237	3884	4261	4127	5.12	cps
Molybdenum	97-1	1917	1857	2064	1946	5.47	cps
Molybdenum	98-1	5078	5284	5334	5232	2.60	cps
Neodymium	150-1	27	7	30	21	59.77	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2127	1903	1993	2008	5.60	cps
Phosphorus	31-2	123	70	50	81	46.74	cps
Potassium	39-2	20581	20605	21232	20806	1.77	cps
Rhodium	103-1	11961953	12091844	12022763	12025520	0.54	cps
Rhodium	103-2	4724147	4181630	4276951	4394243	6.59	cps
Scandium	45-1	9700694	9546803	9479858	9575785	1.18	cps
Scandium	45-2	169290	155133	156270	160231	4.91	cps
Selenium	82-1	1117	977	1043	1046	6.70	cps
Selenium	77-2	7	20	40	22	75.49	cps
Selenium	78-2	73	47	53	58	24.02	cps
Silicon	28-1	390095	387610	391221	389642	0.47	cps
Silver	107-1	6999	7382	7122	7167	2.73	cps
Silver	109-1	6888	6925	6722	6845	1.58	cps
Sodium	23-2	101845	102856	102467	102389	0.50	cps
Strontium	86-1	2310	2050	2217	2192	6.01	cps
Strontium	88-1	15913	16533	16306	16251	1.93	cps
Sulfur	34-1	424232	422318	421682	422744	0.31	cps
Terbium	159-1	17132824	17170268	16912261	17071784	0.82	cps
Terbium	159-2	5587382	5052096	5131386	5256955	5.50	cps
Thallium	203-1	5941	5968	5908	5939	0.51	cps
Thallium	205-1	14108	14094	14211	14138	0.45	cps
Tin	118-1	5944	6003	5723	5890	2.51	cps
Titanium	47-1	960	1150	1120	1077	9.49	cps
Uranium	238-1	17162	17632	17122	17305	1.64	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2403-12 Instrumnet Name : P8
Client Sample ID : MDL-WATER-06-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:46:43 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	820	900	877	866	4.75	cps
Ytterbium	172-1	107	67	77	83	24.98	cps
Ytterbium	172-2	47	30	50	42	25.38	cps
Ytterbium	176-1	2024	2084	2050	2052	1.46	cps
Ytterbium	176-2	267	260	323	283	12.28	cps
Yttrium	89-1	23384893	23342395	23363069	23363452	0.09	cps
Yttrium	89-2	1719016	1555916	1577415	1617449	5.48	cps
Zinc	66-2	690	700	693	694	0.73	cps
Zirconium	90-1	9840	10224	10190	10085	2.11	cps
Zirconium	91-1	2074	2114	2027	2071	2.09	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2409-02 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT2-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:56:41 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	540	553	497	530	5.59	cps
Antimony	121-1	5184	5308	5061	5184	2.38	cps
Arsenic	75-2	77	87	103	89	15.15	cps
Barium	135-1	6999	6675	6792	6822	2.40	cps
Barium	137-1	11692	11455	11472	11539	1.15	cps
Beryllium	9-1	2304	2321	2280	2302	0.90	cps
Bismuth	209-1	9996384	10250972	10091645	10113000	1.27	cps
Bismuth	209-2	3901100	3913105	4122302	3978836	3.13	cps
Bromine	81-1	6175	6091	6028	6098	1.21	cps
Cadmium	108-1	143	147	120	137	10.63	cps
Cadmium	106-1	7112	7235	7212	7186	0.91	cps
Cadmium	111-1	2605	2721	2682	2669	2.20	cps
Calcium	43-1	10547	10918	10811	10759	1.77	cps
Calcium	44-1	173871	175557	175314	174914	0.52	cps
Carbon	12-1	2836343	2862666	2793221	2830743	1.24	cps
Carbon	12-2	18065	18098	18235	18132	0.50	cps
Chlorine	35-1	106001	107226	108365	107197	1.10	cps
Chlorine	35-2	450	453	400	434	6.88	cps
Chromium	52-2	2680	2854	2977	2837	5.25	cps
Cobalt	59-2	2074	2197	2170	2147	3.02	cps
Copper	63-2	5995	5688	5938	5873	2.78	cps
Dysprosium	156-1	17	67	60	48	56.82	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	87	67	83	79	13.58	cps
Erbium	164-2	20	23	23	22	8.65	cps
Gadolinium	160-1	77	37	50	54	37.41	cps
Gadolinium	160-2	23	3	3	10	115.51	cps
Holmium	165-1	16613814	16109536	16582261	16435204	1.72	cps
Holmium	165-2	5439464	5306357	5598652	5448158	2.69	cps
Indium	115-1	12695524	12795646	12547899	12679690	0.98	cps
Indium	115-2	1164517	1164053	1227966	1185512	3.10	cps
Iron	54-2	4137	4517	4204	4286	4.74	cps
Iron	56-2	76255	76493	77156	76635	0.61	cps
Iron	57-2	1980	1937	2074	1997	3.50	cps
Krypton	83-1	170	180	140	163	12.74	cps
Lead	206-1	5538	5958	5878	5791	3.85	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2409-02 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT2-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:56:41 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5294	4838	5054	5062	4.51	cps
Lead	208-1	22825	22728	23452	23001	1.71	cps
Lithium	6-1	8023535	8056056	8016378	8031990	0.26	cps
Magnesium	24-2	43321	42883	43170	43125	0.52	cps
Manganese	55-2	1267	1140	1173	1193	5.50	cps
Molybdenum	94-1	5298	5228	5414	5313	1.78	cps
Molybdenum	95-1	3270	3287	2887	3148	7.19	cps
Molybdenum	96-1	3887	3894	3977	3919	1.28	cps
Molybdenum	97-1	1987	1870	1920	1926	3.04	cps
Molybdenum	98-1	4991	5148	5138	5092	1.72	cps
Neodymium	150-1	13	13	10	12	15.73	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2007	2094	2084	2061	2.30	cps
Phosphorus	31-2	40	57	57	51	18.83	cps
Potassium	39-2	20645	20164	21312	20707	2.78	cps
Rhodium	103-1	11775146	11670784	11651633	11699188	0.57	cps
Rhodium	103-2	4313706	4365602	4533261	4404190	2.61	cps
Scandium	45-1	9410175	9415551	9453346	9426357	0.25	cps
Scandium	45-2	157589	157188	165381	160053	2.89	cps
Selenium	82-1	893	953	990	946	5.16	cps
Selenium	77-2	17	20	7	14	48.02	cps
Selenium	78-2	57	40	67	54	24.75	cps
Silicon	28-1	390217	387695	384625	387512	0.72	cps
Silver	107-1	6552	6875	7012	6813	3.47	cps
Silver	109-1	6345	6625	6575	6515	2.29	cps
Sodium	23-2	102792	101446	101117	101785	0.87	cps
Strontium	86-1	2150	2154	2117	2140	0.95	cps
Strontium	88-1	15826	15736	16109	15890	1.23	cps
Sulfur	34-1	424125	423866	425282	424424	0.18	cps
Terbium	159-1	16875687	16669576	16601488	16715584	0.85	cps
Terbium	159-2	5292284	5168194	5467762	5309413	2.83	cps
Thallium	203-1	5738	5675	5588	5667	1.33	cps
Thallium	205-1	13447	13237	13914	13533	2.56	cps
Tin	118-1	5478	5457	5563	5499	1.02	cps
Titanium	47-1	973	1067	980	1007	5.17	cps
Uranium	238-1	17339	16861	16734	16978	1.88	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2409-02 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT2-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-21 15:56:41 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	810	740	887	812	9.03	cps
Ytterbium	172-1	93	83	80	86	8.11	cps
Ytterbium	172-2	37	27	33	32	15.80	cps
Ytterbium	176-1	2040	2037	2100	2059	1.73	cps
Ytterbium	176-2	217	327	287	277	20.12	cps
Yttrium	89-1	22953883	22976185	23039540	22989869	0.19	cps
Yttrium	89-2	1568721	1566766	1632104	1589197	2.34	cps
Zinc	66-2	713	573	703	663	11.77	cps
Zirconium	90-1	9814	9427	9807	9682	2.29	cps
Zirconium	91-1	2084	2100	2127	2104	1.04	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2409-04 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT2-2024-04 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:01:03 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	570	530	577	559	4.52	cps
Antimony	121-1	5028	5154	5318	5167	2.81	cps
Arsenic	75-2	107	87	83	92	13.69	cps
Barium	135-1	6705	6658	6638	6667	0.51	cps
Barium	137-1	11702	11825	11442	11656	1.68	cps
Beryllium	9-1	2162	2314	2261	2246	3.42	cps
Bismuth	209-1	10212137	10188000	10130148	10176761	0.41	cps
Bismuth	209-2	4028101	3982824	3923808	3978244	1.31	cps
Bromine	81-1	6118	5838	6195	6050	3.10	cps
Cadmium	108-1	110	157	140	136	17.45	cps
Cadmium	106-1	7382	7085	7355	7274	2.26	cps
Cadmium	111-1	2693	2681	2690	2688	0.23	cps
Calcium	43-1	10104	10731	10587	10474	3.14	cps
Calcium	44-1	173958	174092	173681	173910	0.12	cps
Carbon	12-1	2846007	2847254	2850954	2848071	0.09	cps
Carbon	12-2	18445	18281	18659	18462	1.02	cps
Chlorine	35-1	104379	104510	104635	104508	0.12	cps
Chlorine	35-2	373	360	400	378	5.39	cps
Chromium	52-2	2897	2707	2860	2821	3.57	cps
Cobalt	59-2	2337	2174	2197	2236	3.95	cps
Copper	63-2	6101	5685	5675	5820	4.19	cps
Dysprosium	156-1	73	47	53	58	24.02	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	107	103	77	96	17.21	cps
Erbium	164-2	17	40	27	28	42.13	cps
Gadolinium	160-1	70	40	43	51	32.17	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	16564354	16148234	16745149	16485912	1.86	cps
Holmium	165-2	5504539	5389000	5411368	5434969	1.13	cps
Indium	115-1	12972592	12618095	12662040	12750909	1.52	cps
Indium	115-2	1188156	1190257	1180833	1186415	0.42	cps
Iron	54-2	4464	4481	4291	4412	2.39	cps
Iron	56-2	77415	75867	75682	76321	1.25	cps
Iron	57-2	1920	1940	2037	1966	3.17	cps
Krypton	83-1	187	147	157	163	12.74	cps
Lead	206-1	5718	5761	5855	5778	1.21	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2409-04 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT2-2024-04 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:01:03 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5111	5068	5004	5061	1.06	cps
Lead	208-1	23632	23115	23205	23317	1.18	cps
Lithium	6-1	8336654	8214071	8080711	8210478	1.56	cps
Magnesium	24-2	43678	43455	42786	43306	1.07	cps
Manganese	55-2	1113	1020	1213	1116	8.67	cps
Molybdenum	94-1	5208	5288	5134	5210	1.47	cps
Molybdenum	95-1	3080	3230	3064	3125	2.94	cps
Molybdenum	96-1	3971	3977	3791	3913	2.71	cps
Molybdenum	97-1	1937	1940	1857	1911	2.47	cps
Molybdenum	98-1	5058	4981	4844	4961	2.18	cps
Neodymium	150-1	17	13	23	18	28.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1927	2197	1967	2030	7.18	cps
Phosphorus	31-2	47	70	73	63	22.94	cps
Potassium	39-2	20615	20802	20952	20789	0.81	cps
Rhodium	103-1	11948467	11589503	11888926	11808966	1.63	cps
Rhodium	103-2	4417953	4353350	4336110	4369138	0.99	cps
Scandium	45-1	9636471	9391635	9484770	9504292	1.30	cps
Scandium	45-2	160189	160417	158324	159643	0.72	cps
Selenium	82-1	1003	830	907	913	9.51	cps
Selenium	77-2	23	13	10	16	44.60	cps
Selenium	78-2	63	50	67	60	14.70	cps
Silicon	28-1	387469	387376	382036	385627	0.81	cps
Silver	107-1	6852	7022	7105	6993	1.85	cps
Silver	109-1	6382	6512	6572	6488	1.50	cps
Sodium	23-2	101976	101365	100479	101274	0.74	cps
Strontium	86-1	2217	2050	2130	2132	3.91	cps
Strontium	88-1	15776	15939	15232	15649	2.37	cps
Sulfur	34-1	423577	424708	424276	424187	0.13	cps
Terbium	159-1	17237575	16790827	16383174	16803859	2.54	cps
Terbium	159-2	5244181	5304583	5227702	5258822	0.77	cps
Thallium	203-1	5598	5678	5805	5694	1.83	cps
Thallium	205-1	13000	13811	13881	13564	3.61	cps
Tin	118-1	5382	5367	5571	5440	2.09	cps
Titanium	47-1	980	1070	1013	1021	4.46	cps
Uranium	238-1	17335	17445	17125	17302	0.94	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : P2409-04 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT2-2024-04 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:01:03 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	937	893	857	896	4.47	cps
Ytterbium	172-1	87	107	73	89	18.88	cps
Ytterbium	172-2	13	47	40	33	52.92	cps
Ytterbium	176-1	1957	1917	2014	1962	2.48	cps
Ytterbium	176-2	283	290	320	298	6.56	cps
Yttrium	89-1	23350290	22920200	23094867	23121785	0.94	cps
Yttrium	89-2	1608372	1593143	1587884	1596466	0.67	cps
Zinc	66-2	677	667	697	680	2.25	cps
Zirconium	90-1	9663	9974	9780	9806	1.60	cps
Zirconium	91-1	1963	2100	2080	2048	3.60	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166403BL Instrumnet Name : P8
Client Sample ID : PBS403 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:16:11 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57	60	90	69	26.65	cps
Antimony	121-1	87	73	103	88	17.12	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	187	173	183	181	3.83	cps
Barium	137-1	370	393	327	363	9.31	cps
Beryllium	9-1	267	251	241	253	5.23	cps
Bismuth	209-1	10038718	10260647	10092094	10130486	1.14	cps
Bismuth	209-2	3810507	3826434	3847485	3828142	0.48	cps
Bromine	81-1	5688	5878	5861	5809	1.81	cps
Cadmium	108-1	17	30	20	22	31.22	cps
Cadmium	106-1	6602	6818	6728	6716	1.62	cps
Cadmium	111-1	1335	1373	1355	1354	1.38	cps
Calcium	43-1	527	503	620	550	11.22	cps
Calcium	44-1	10704	10944	10411	10686	2.50	cps
Carbon	12-1	2664663	2647177	2644989	2652276	0.41	cps
Carbon	12-2	17167	17170	17060	17132	0.37	cps
Chlorine	35-1	87298	87200	87180	87226	0.07	cps
Chlorine	35-2	367	350	310	342	8.51	cps
Chromium	52-2	1680	1760	1833	1758	4.36	cps
Cobalt	59-2	150	103	123	126	18.65	cps
Copper	63-2	2530	2467	2414	2470	2.37	cps
Dysprosium	156-1	67	63	53	61	11.36	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	53	97	73	74	29.14	cps
Erbium	164-2	10	17	20	16	32.73	cps
Gadolinium	160-1	33	60	53	49	28.39	cps
Gadolinium	160-2	17	17	13	16	12.40	cps
Holmium	165-1	16216261	16541929	15975225	16244472	1.75	cps
Holmium	165-2	5333437	5319251	5369383	5340690	0.48	cps
Indium	115-1	12635615	12815999	12340582	12597399	1.91	cps
Indium	115-2	1150607	1148241	1157102	1151983	0.40	cps
Iron	54-2	560	503	527	530	5.37	cps
Iron	56-2	7886	8396	8529	8270	4.11	cps
Iron	57-2	230	170	207	202	14.96	cps
Krypton	83-1	130	187	173	163	18.14	cps
Lead	206-1	1393	1280	1367	1347	4.40	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166403BL Instrumnet Name : P8
Client Sample ID : PBS403 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:16:11 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1093	1217	1137	1149	5.45	cps
Lead	208-1	5197	5214	5194	5202	0.21	cps
Lithium	6-1	8028867	8169719	8133932	8110839	0.90	cps
Magnesium	24-2	487	520	540	516	5.23	cps
Manganese	55-2	190	213	203	202	5.79	cps
Molybdenum	94-1	453	537	483	491	8.59	cps
Molybdenum	95-1	450	480	467	466	3.23	cps
Molybdenum	96-1	570	517	527	538	5.27	cps
Molybdenum	97-1	273	233	233	247	9.36	cps
Molybdenum	98-1	670	703	750	708	5.68	cps
Neodymium	150-1	13	20	10	14	35.26	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1443	1440	1343	1409	4.03	cps
Phosphorus	31-2	40	37	37	38	5.09	cps
Potassium	39-2	6045	5898	6201	6048	2.51	cps
Rhodium	103-1	11620663	11794976	11427930	11614523	1.58	cps
Rhodium	103-2	4271192	4288695	4256262	4272050	0.38	cps
Scandium	45-1	9309729	9475633	9180259	9321874	1.59	cps
Scandium	45-2	156437	154466	155453	155452	0.63	cps
Selenium	82-1	-7	-37	-23	-22	-67.66	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	0	7	4	86.60	cps
Silicon	28-1	376587	378169	377609	377455	0.21	cps
Silver	107-1	133	127	177	146	18.65	cps
Silver	109-1	47	90	57	64	35.20	cps
Sodium	23-2	18181	17998	17741	17973	1.23	cps
Strontium	86-1	263	310	293	289	8.19	cps
Strontium	88-1	443	460	467	457	2.63	cps
Sulfur	34-1	417431	413004	414136	414857	0.55	cps
Terbium	159-1	16447743	16727600	16439910	16538418	0.99	cps
Terbium	159-2	5144252	5177245	5112116	5144538	0.63	cps
Thallium	203-1	220	227	243	230	5.23	cps
Thallium	205-1	550	547	560	552	1.26	cps
Tin	118-1	930	911	984	942	4.01	cps
Titanium	47-1	193	180	140	171	16.22	cps
Uranium	238-1	40	23	27	30	29.40	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166403BL Instrumnet Name : P8
Client Sample ID : PBS403 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:16:11 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	13	17	12	41.65	cps
Ytterbium	172-1	133	110	83	109	22.98	cps
Ytterbium	172-2	40	30	40	37	15.75	cps
Ytterbium	176-1	2017	1903	1833	1918	4.82	cps
Ytterbium	176-2	277	317	337	310	9.85	cps
Yttrium	89-1	22895184	23253450	22570717	22906450	1.49	cps
Yttrium	89-2	1537524	1536699	1555204	1543142	0.68	cps
Zinc	66-2	343	307	363	338	8.51	cps
Zirconium	90-1	780	640	707	709	9.88	cps
Zirconium	91-1	160	150	163	158	4.40	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:30:38 DataFile Name : 044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2871322	2837305	2870649	2859759	0.68	cps
Antimony	121-1	6160851	6147327	6129024	6145734	0.26	cps
Arsenic	75-2	108651	107960	108860	108490	0.43	cps
Barium	135-1	7887758	7956776	7978611	7941048	0.60	cps
Barium	137-1	13640091	13581279	13525060	13582143	0.42	cps
Beryllium	9-1	2318866	2296750	2349870	2321829	1.15	cps
Bismuth	209-1	8677631	8403244	8421675	8500850	1.80	cps
Bismuth	209-2	3275422	3221333	3282518	3259758	1.03	cps
Bromine	81-1	6342	6698	6842	6627	3.89	cps
Cadmium	108-1	130413	129010	130969	130131	0.78	cps
Cadmium	106-1	186465	188524	187804	187598	0.56	cps
Cadmium	111-1	1613960	1629969	1604791	1616240	0.79	cps
Calcium	43-1	12065644	12263479	12319575	12216233	1.09	cps
Calcium	44-1	195666150	197049130	200440724	197718668	1.24	cps
Carbon	12-1	3354935	3459797	3455147	3423293	1.73	cps
Carbon	12-2	26845	26544	26511	26633	0.69	cps
Chlorine	35-1	98398	99327	100244	99323	0.93	cps
Chlorine	35-2	423	377	467	422	10.66	cps
Chromium	52-2	1266490	1259960	1265988	1264146	0.29	cps
Cobalt	59-2	2417991	2415447	2453307	2428915	0.87	cps
Copper	63-2	17166057	17105069	17148646	17139924	0.18	cps
Dysprosium	156-1	360	457	327	381	17.72	cps
Dysprosium	156-2	110	87	87	94	14.26	cps
Erbium	164-1	323	393	367	361	9.78	cps
Erbium	164-2	93	127	143	121	21.02	cps
Gadolinium	160-1	270	287	317	291	8.12	cps
Gadolinium	160-2	110	120	100	110	9.09	cps
Holmium	165-1	15403783	15298435	15324257	15342158	0.36	cps
Holmium	165-2	5115712	5066023	5111962	5097899	0.54	cps
Indium	115-1	11232732	10993642	11027045	11084473	1.17	cps
Indium	115-2	1034790	1042508	1049529	1042276	0.71	cps
Iron	54-2	13432423	13399096	13528285	13453268	0.50	cps
Iron	56-2	248329016	244542610	246120583	246330736	0.77	cps
Iron	57-2	6162073	6231496	6283137	6225568	0.98	cps
Krypton	83-1	170	220	190	193	13.02	cps
Lead	206-1	25079685	24947682	24956770	24994712	0.29	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:30:38 DataFile Name : 044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	21195297	21770949	21519828	21495358	1.34	cps
Lead	208-1	98984243	100054444	99012884	99350524	0.61	cps
Lithium	6-1	7157183	7050177	6887113	7031491	1.93	cps
Magnesium	24-2	48800941	49594274	48654906	49016707	1.03	cps
Manganese	55-2	5676573	5634390	5726655	5679206	0.81	cps
Molybdenum	94-1	22597004	22559850	22539194	22565349	0.13	cps
Molybdenum	95-1	32880065	32901000	32792347	32857804	0.18	cps
Molybdenum	96-1	35216894	35748329	35890698	35618640	1.00	cps
Molybdenum	97-1	19954141	20060251	20219536	20077976	0.67	cps
Molybdenum	98-1	52947764	52520964	52501329	52656686	0.48	cps
Neodymium	150-1	753	857	770	793	6.99	cps
Neodymium	150-2	73	43	50	56	28.35	cps
Nickel	60-2	604828	603973	604634	604478	0.07	cps
Phosphorus	31-2	23913	23886	23786	23862	0.28	cps
Potassium	39-2	13955386	13806456	13866469	13876104	0.54	cps
Rhodium	103-1	10003090	9790405	9832497	9875331	1.14	cps
Rhodium	103-2	3610234	3629802	3604808	3614948	0.36	cps
Scandium	45-1	8687991	8683009	8709759	8693586	0.16	cps
Scandium	45-2	150279	148562	150633	149825	0.74	cps
Selenium	82-1	93557	93601	93980	93713	0.25	cps
Selenium	77-2	1643	1540	1500	1561	4.74	cps
Selenium	78-2	5354	5378	5488	5407	1.32	cps
Silicon	28-1	18979981	18775344	18638591	18797972	0.91	cps
Silver	107-1	7720428	7658721	7604070	7661073	0.76	cps
Silver	109-1	7287300	7328597	7445152	7353683	1.11	cps
Sodium	23-2	97512695	98194575	97589012	97765427	0.38	cps
Strontium	86-1	2352997	2331207	2334712	2339639	0.50	cps
Strontium	88-1	19531061	19617503	20107869	19752144	1.57	cps
Sulfur	34-1	1030470	1029932	1020665	1027022	0.54	cps
Terbium	159-1	15623550	15427574	15644874	15565333	0.77	cps
Terbium	159-2	4864738	4928955	4969503	4921066	1.07	cps
Thallium	203-1	6413782	6439231	6476778	6443264	0.49	cps
Thallium	205-1	15480096	14957019	15189766	15208960	1.72	cps
Tin	118-1	5788191	5857938	5810402	5818844	0.61	cps
Titanium	47-1	10316365	10459315	10394137	10389939	0.69	cps
Uranium	238-1	20642575	21030356	20688885	20787272	1.02	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:30:38 DataFile Name : 044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1012832	1011319	1011622	1011924	0.08	cps
Ytterbium	172-1	377	370	373	373	0.89	cps
Ytterbium	172-2	157	150	133	147	8.19	cps
Ytterbium	176-1	31270	30856	31521	31216	1.08	cps
Ytterbium	176-2	9690	10191	10671	10184	4.82	cps
Yttrium	89-1	21531661	20895704	21265169	21230844	1.50	cps
Yttrium	89-2	1496929	1503483	1497797	1499403	0.24	cps
Zinc	66-2	1854206	1834946	1856150	1848434	0.63	cps
Zirconium	90-1	11422259	11362196	11338879	11374445	0.38	cps
Zirconium	91-1	2570821	2590743	2536842	2566135	1.06	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:34:53 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	83	73	82	10.20	cps
Antimony	121-1	853	690	760	768	10.67	cps
Arsenic	75-2	3	3	13	7	86.65	cps
Barium	135-1	707	677	667	683	3.05	cps
Barium	137-1	1143	1157	1033	1111	6.09	cps
Beryllium	9-1	600	611	624	612	1.94	cps
Bismuth	209-1	9879156	9795994	9646399	9773849	1.21	cps
Bismuth	209-2	3820737	3824817	3813523	3819692	0.15	cps
Bromine	81-1	6512	6585	6225	6440	2.96	cps
Cadmium	108-1	20	33	37	30	29.40	cps
Cadmium	106-1	6722	6885	6778	6795	1.22	cps
Cadmium	111-1	1424	1430	1393	1416	1.39	cps
Calcium	43-1	857	700	630	729	15.92	cps
Calcium	44-1	12812	12299	11965	12359	3.45	cps
Carbon	12-1	2557901	2500845	2479396	2512714	1.61	cps
Carbon	12-2	15642	16312	15698	15884	2.34	cps
Chlorine	35-1	83043	81548	82936	82509	1.01	cps
Chlorine	35-2	327	287	267	293	10.41	cps
Chromium	52-2	1670	1653	1843	1722	6.11	cps
Cobalt	59-2	157	187	233	192	20.10	cps
Copper	63-2	2664	2914	2804	2794	4.49	cps
Dysprosium	156-1	27	40	47	38	26.95	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	80	107	87	91	15.23	cps
Erbium	164-2	13	20	27	20	33.35	cps
Gadolinium	160-1	47	70	53	57	21.21	cps
Gadolinium	160-2	23	20	13	19	26.96	cps
Holmium	165-1	15825872	15742876	15595580	15721442	0.74	cps
Holmium	165-2	5352980	5389757	5272776	5338504	1.12	cps
Indium	115-1	12348324	12263953	12250511	12287596	0.43	cps
Indium	115-2	1160995	1154366	1158027	1157796	0.29	cps
Iron	54-2	697	740	620	686	8.86	cps
Iron	56-2	10391	10527	10040	10319	2.43	cps
Iron	57-2	273	223	230	242	11.21	cps
Krypton	83-1	173	203	120	166	25.50	cps
Lead	206-1	2607	2527	2424	2519	3.65	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:34:53 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2464	2157	2224	2281	7.07	cps
Lead	208-1	10859	10228	10178	10422	3.64	cps
Lithium	6-1	7679638	7581553	7792278	7684490	1.37	cps
Magnesium	24-2	680	750	683	704	5.61	cps
Manganese	55-2	287	323	320	310	6.54	cps
Molybdenum	94-1	1157	837	1030	1008	15.99	cps
Molybdenum	95-1	1227	987	1040	1084	11.62	cps
Molybdenum	96-1	1443	1070	1187	1233	15.49	cps
Molybdenum	97-1	767	643	530	647	18.30	cps
Molybdenum	98-1	1937	1553	1593	1695	12.44	cps
Neodymium	150-1	27	27	53	36	43.29	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1397	1437	1253	1362	7.08	cps
Phosphorus	31-2	67	47	33	49	34.32	cps
Potassium	39-2	6992	7058	6925	6992	0.95	cps
Rhodium	103-1	11450679	11364201	11425219	11413366	0.39	cps
Rhodium	103-2	4353280	4212488	4308228	4291332	1.68	cps
Scandium	45-1	9193325	9025385	9069146	9095952	0.96	cps
Scandium	45-2	156575	153850	153941	154789	1.00	cps
Selenium	82-1	30	-60	57	9	687.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	10	10	8	49.52	cps
Silicon	28-1	378209	375727	374248	376061	0.53	cps
Silver	107-1	560	533	513	536	4.37	cps
Silver	109-1	437	393	440	423	6.15	cps
Sodium	23-2	26110	26040	25402	25851	1.51	cps
Strontium	86-1	310	317	360	329	8.25	cps
Strontium	88-1	540	517	553	537	3.46	cps
Sulfur	34-1	400637	396845	397553	398345	0.51	cps
Terbium	159-1	16117206	15975900	16287289	16126798	0.97	cps
Terbium	159-2	5138412	5115090	5155018	5136174	0.39	cps
Thallium	203-1	647	660	507	604	14.05	cps
Thallium	205-1	1337	1267	1287	1297	2.78	cps
Tin	118-1	1231	1209	1179	1206	2.19	cps
Titanium	47-1	253	190	290	244	20.70	cps
Uranium	238-1	280	233	207	240	15.47	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:34:53 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	27	10	16	61.87	cps
Ytterbium	172-1	67	90	107	88	22.89	cps
Ytterbium	172-2	23	40	23	29	33.32	cps
Ytterbium	176-1	1750	1870	2020	1880	7.20	cps
Ytterbium	176-2	270	327	267	288	11.72	cps
Yttrium	89-1	22325771	22482216	22802850	22536946	1.08	cps
Yttrium	89-2	1556364	1561408	1556837	1558203	0.18	cps
Zinc	66-2	357	370	313	347	8.55	cps
Zirconium	90-1	1000	1007	1040	1016	2.11	cps
Zirconium	91-1	170	167	237	191	20.66	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166403BS Instrumnet Name : P8
Client Sample ID : LCS403 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:41:42 DataFile Name : 046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2417	2300	2217	2311	4.35	cps
Antimony	121-1	48258	48877	47837	48324	1.08	cps
Arsenic	75-2	547	347	437	443	22.59	cps
Barium	135-1	61947	63016	62363	62442	0.86	cps
Barium	137-1	107855	107855	109146	108285	0.69	cps
Beryllium	9-1	9946	10166	10051	10054	1.10	cps
Bismuth	209-1	9699052	10018509	9801173	9839578	1.66	cps
Bismuth	209-2	3857026	3910463	3905772	3891087	0.76	cps
Bromine	81-1	6318	6111	6181	6204	1.70	cps
Cadmium	108-1	517	530	557	534	3.81	cps
Cadmium	106-1	7235	7599	7295	7376	2.64	cps
Cadmium	111-1	7634	7687	7524	7615	1.09	cps
Calcium	43-1	48445	49575	48515	48845	1.30	cps
Calcium	44-1	787415	790479	792838	790244	0.34	cps
Carbon	12-1	3004670	3004596	2992405	3000557	0.24	cps
Carbon	12-2	19129	19757	19126	19337	1.88	cps
Chlorine	35-1	1195950	1350584	1432214	1326250	9.05	cps
Chlorine	35-2	5424	5641	5958	5675	4.73	cps
Chromium	52-2	12242	11638	11652	11844	2.91	cps
Cobalt	59-2	10087	10297	9903	10096	1.95	cps
Copper	63-2	19196	19320	19133	19216	0.49	cps
Dysprosium	156-1	70	53	60	61	13.73	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	63	57	83	68	20.47	cps
Erbium	164-2	23	27	27	26	7.55	cps
Gadolinium	160-1	57	27	67	50	41.63	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	15931073	16212331	15724124	15955843	1.54	cps
Holmium	165-2	5345776	5420715	5339643	5368711	0.84	cps
Indium	115-1	12413168	12323370	12408634	12381724	0.41	cps
Indium	115-2	1158615	1178911	1185132	1174220	1.18	cps
Iron	54-2	44987	45602	44930	45173	0.83	cps
Iron	56-2	822586	821495	816773	820285	0.38	cps
Iron	57-2	20505	20311	20512	20443	0.56	cps
Krypton	83-1	157	163	183	168	8.27	cps
Lead	206-1	23485	23491	23084	23353	1.00	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166403BS Instrumnet Name : P8
Client Sample ID : LCS403 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:41:42 DataFile Name : 046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	19715	20373	20102	20063	1.65	cps
Lead	208-1	91459	93361	92443	92421	1.03	cps
Lithium	6-1	7766883	7869579	7661484	7765982	1.34	cps
Magnesium	24-2	187440	189430	190021	188964	0.72	cps
Manganese	55-2	2620	2520	2484	2541	2.78	cps
Molybdenum	94-1	51425	52786	52672	52294	1.44	cps
Molybdenum	95-1	63538	64298	64050	63962	0.61	cps
Molybdenum	96-1	70712	71315	71781	71269	0.75	cps
Molybdenum	97-1	39777	39422	39035	39411	0.94	cps
Molybdenum	98-1	101971	103334	102680	102662	0.66	cps
Neodymium	150-1	40	23	27	30	29.40	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	4234	4244	4117	4198	1.68	cps
Phosphorus	31-2	170	177	203	183	9.62	cps
Potassium	39-2	115833	115323	115336	115497	0.25	cps
Rhodium	103-1	11432935	11695028	11218512	11448825	2.08	cps
Rhodium	103-2	4273905	4292423	4319465	4295264	0.53	cps
Scandium	45-1	9193732	9317125	9237352	9249403	0.68	cps
Scandium	45-2	157731	157964	159695	158464	0.68	cps
Selenium	82-1	1860	2000	2020	1960	4.45	cps
Selenium	77-2	30	20	17	22	31.22	cps
Selenium	78-2	97	133	103	111	17.58	cps
Silicon	28-1	637901	643036	643567	641501	0.49	cps
Silver	107-1	31068	32030	32171	31757	1.89	cps
Silver	109-1	30327	30861	30798	30662	0.95	cps
Sodium	23-2	403000	406142	406113	405085	0.45	cps
Strontium	86-1	9120	8976	8970	9022	0.94	cps
Strontium	88-1	73646	74055	75291	74331	1.15	cps
Sulfur	34-1	394099	398799	391731	394876	0.91	cps
Terbium	159-1	16186545	16576321	16337751	16366872	1.20	cps
Terbium	159-2	5140511	5165347	5240330	5182063	1.00	cps
Thallium	203-1	25966	26928	26868	26587	2.03	cps
Thallium	205-1	63608	63592	63581	63594	0.02	cps
Tin	118-1	105871	105420	106206	105832	0.37	cps
Titanium	47-1	22161	22942	22608	22570	1.74	cps
Uranium	238-1	80238	80480	81265	80661	0.67	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166403BS Instrumnet Name : P8
Client Sample ID : LCS403 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:41:42 DataFile Name : 046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20458	20812	20391	20554	1.10	cps
Ytterbium	172-1	77	87	87	83	6.93	cps
Ytterbium	172-2	33	37	60	43	33.53	cps
Ytterbium	176-1	1843	2037	2070	1984	6.17	cps
Ytterbium	176-2	290	333	350	324	9.55	cps
Yttrium	89-1	22460061	23157218	22949541	22855607	1.57	cps
Yttrium	89-2	1577767	1575434	1580609	1577937	0.16	cps
Zinc	66-2	4187	4267	4311	4255	1.47	cps
Zirconium	90-1	43982	45380	45494	44952	1.87	cps
Zirconium	91-1	9710	9750	9930	9797	1.20	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166404BL Instrumnet Name : P8
Client Sample ID : PBW404 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:45:04 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	70	53	58	18.55	cps
Antimony	121-1	140	210	167	172	20.51	cps
Arsenic	75-2	17	7	0	8	107.84	cps
Barium	135-1	313	363	240	306	20.30	cps
Barium	137-1	477	533	493	501	5.81	cps
Beryllium	9-1	375	355	352	361	3.42	cps
Bismuth	209-1	9971954	10464087	10255135	10230392	2.41	cps
Bismuth	209-2	3788154	3883104	3943973	3871744	2.03	cps
Bromine	81-1	6021	6201	6081	6101	1.50	cps
Cadmium	108-1	40	20	30	30	33.33	cps
Cadmium	106-1	6865	7159	6945	6990	2.17	cps
Cadmium	111-1	1378	1451	1401	1410	2.63	cps
Calcium	43-1	717	580	540	612	15.13	cps
Calcium	44-1	10821	10727	10614	10721	0.97	cps
Carbon	12-1	2674962	2637621	2592062	2634882	1.58	cps
Carbon	12-2	17140	16680	17057	16959	1.45	cps
Chlorine	35-1	158359	144627	135042	146010	8.03	cps
Chlorine	35-2	413	447	480	447	7.46	cps
Chromium	52-2	1720	1707	1687	1705	0.98	cps
Cobalt	59-2	170	157	147	158	7.42	cps
Copper	63-2	2554	2574	2400	2509	3.78	cps
Dysprosium	156-1	33	47	60	47	28.58	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	107	73	80	87	20.36	cps
Erbium	164-2	40	30	20	30	33.33	cps
Gadolinium	160-1	70	23	37	43	55.47	cps
Gadolinium	160-2	20	20	23	21	9.11	cps
Holmium	165-1	15957263	17068227	16359058	16461516	3.42	cps
Holmium	165-2	5196821	5320765	5319694	5279093	1.35	cps
Indium	115-1	12527360	13289465	12771234	12862686	3.03	cps
Indium	115-2	1139981	1171385	1179012	1163459	1.78	cps
Iron	54-2	523	563	597	561	6.54	cps
Iron	56-2	9046	8729	8653	8809	2.37	cps
Iron	57-2	230	163	240	211	19.74	cps
Krypton	83-1	150	150	183	161	11.95	cps
Lead	206-1	1997	1840	1897	1911	4.15	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166404BL Instrumnet Name : P8
Client Sample ID : PBW404 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:45:04 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1583	1537	1483	1535	3.26	cps
Lead	208-1	7308	7324	7024	7219	2.34	cps
Lithium	6-1	7802982	8238089	7894442	7978504	2.88	cps
Magnesium	24-2	510	467	420	466	9.67	cps
Manganese	55-2	253	283	230	256	10.46	cps
Molybdenum	94-1	547	587	587	573	4.03	cps
Molybdenum	95-1	583	567	580	577	1.53	cps
Molybdenum	96-1	640	643	613	632	2.60	cps
Molybdenum	97-1	323	263	333	307	12.35	cps
Molybdenum	98-1	847	897	813	852	4.92	cps
Neodymium	150-1	13	33	17	21	50.75	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1460	1460	1413	1445	1.87	cps
Phosphorus	31-2	33	37	37	36	5.42	cps
Potassium	39-2	6181	6558	6351	6364	2.97	cps
Rhodium	103-1	11554953	12286698	11731420	11857690	3.22	cps
Rhodium	103-2	4161414	4369295	4315124	4281945	2.52	cps
Scandium	45-1	9389895	9855469	9309125	9518163	3.10	cps
Scandium	45-2	151283	155009	158250	154848	2.25	cps
Selenium	82-1	20	27	-77	-10	-578.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	3	10	6	69.34	cps
Silicon	28-1	375482	376215	372798	374832	0.48	cps
Silver	107-1	433	340	273	349	23.04	cps
Silver	109-1	270	203	210	228	16.12	cps
Sodium	23-2	21543	20882	21025	21150	1.64	cps
Strontium	86-1	230	283	283	266	11.60	cps
Strontium	88-1	447	497	430	458	7.58	cps
Sulfur	34-1	384848	382704	382834	383462	0.31	cps
Terbium	159-1	16402484	17409199	16488541	16766741	3.33	cps
Terbium	159-2	5151606	5089031	5208888	5149842	1.16	cps
Thallium	203-1	490	497	443	477	6.10	cps
Thallium	205-1	1143	1003	907	1018	11.69	cps
Tin	118-1	1104	2030	996	1377	41.26	cps
Titanium	47-1	130	170	133	144	15.36	cps
Uranium	238-1	60	63	33	52	31.49	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166404BL Instrumnet Name : P8
Client Sample ID : PBW404 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:45:04 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	0	17	10	88.20	cps
Ytterbium	172-1	63	90	93	82	20.00	cps
Ytterbium	172-2	13	23	30	22	37.76	cps
Ytterbium	176-1	1883	2050	1803	1912	6.58	cps
Ytterbium	176-2	240	280	347	289	18.65	cps
Yttrium	89-1	22953275	24132033	23094424	23393244	2.75	cps
Yttrium	89-2	1520589	1576779	1606078	1567815	2.77	cps
Zinc	66-2	330	353	343	342	3.42	cps
Zirconium	90-1	780	823	847	817	4.14	cps
Zirconium	91-1	147	220	153	173	23.39	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166404BS Instrumnet Name : P8
Client Sample ID : LCS404 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:48:25 DataFile Name : 048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2324	2400	2520	2415	4.11	cps
Antimony	121-1	51761	50439	49459	50553	2.28	cps
Arsenic	75-2	533	447	420	467	12.70	cps
Barium	135-1	66325	65996	64432	65584	1.54	cps
Barium	137-1	115585	111969	110442	112666	2.34	cps
Beryllium	9-1	10769	9941	9923	10211	4.73	cps
Bismuth	209-1	9741425	9503880	9119496	9454933	3.32	cps
Bismuth	209-2	3722358	3650391	3589306	3654018	1.82	cps
Bromine	81-1	5978	5991	6205	6058	2.10	cps
Cadmium	108-1	520	490	560	523	6.71	cps
Cadmium	106-1	7129	7192	6845	7055	2.62	cps
Cadmium	111-1	8107	7557	7208	7624	5.94	cps
Calcium	43-1	51585	49729	48247	49854	3.36	cps
Calcium	44-1	830444	820407	798302	816385	2.01	cps
Carbon	12-1	2972244	2943699	2927486	2947809	0.77	cps
Carbon	12-2	19460	19286	18589	19111	2.41	cps
Chlorine	35-1	1396440	1437992	1478837	1437756	2.87	cps
Chlorine	35-2	5808	5925	5928	5887	1.16	cps
Chromium	52-2	12255	12025	11855	12045	1.67	cps
Cobalt	59-2	10377	10981	10464	10607	3.08	cps
Copper	63-2	20088	19120	19667	19625	2.47	cps
Dysprosium	156-1	77	53	57	62	20.29	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	80	77	73	77	4.35	cps
Erbium	164-2	23	10	20	18	39.03	cps
Gadolinium	160-1	47	43	43	44	4.34	cps
Gadolinium	160-2	3	20	20	14	66.64	cps
Holmium	165-1	15796670	15300492	14890359	15329173	2.96	cps
Holmium	165-2	5087266	5109672	5021765	5072901	0.90	cps
Indium	115-1	12487559	11833416	11575880	11965618	3.93	cps
Indium	115-2	1117367	1107599	1091956	1105641	1.16	cps
Iron	54-2	46428	45305	46950	46228	1.82	cps
Iron	56-2	852432	851260	846020	849904	0.40	cps
Iron	57-2	21283	21162	21156	21200	0.34	cps
Krypton	83-1	157	170	140	156	9.66	cps
Lead	206-1	23939	23421	23581	23647	1.12	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166404BS Instrumnet Name : P8
Client Sample ID : LCS404 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:48:25 DataFile Name : 048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	20910	21027	20122	20687	2.38	cps
Lead	208-1	94959	94823	92669	94150	1.36	cps
Lithium	6-1	7622338	7391028	7254548	7422638	2.50	cps
Magnesium	24-2	197678	195840	196374	196631	0.48	cps
Manganese	55-2	2760	2607	2627	2665	3.13	cps
Molybdenum	94-1	56852	54878	53151	54960	3.37	cps
Molybdenum	95-1	68250	66016	64927	66398	2.55	cps
Molybdenum	96-1	75326	73292	71992	73537	2.29	cps
Molybdenum	97-1	42398	40827	39352	40859	3.73	cps
Molybdenum	98-1	109959	107026	105074	107353	2.29	cps
Neodymium	150-1	30	27	30	29	6.65	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	4204	4114	4424	4247	3.76	cps
Phosphorus	31-2	140	160	193	164	16.39	cps
Potassium	39-2	118441	117738	119986	118722	0.97	cps
Rhodium	103-1	11284413	11039768	10777987	11034056	2.30	cps
Rhodium	103-2	4145312	4051532	3973942	4056928	2.12	cps
Scandium	45-1	9170982	8820549	8552177	8847903	3.51	cps
Scandium	45-2	149374	148360	144847	147527	1.61	cps
Selenium	82-1	2254	2110	2117	2160	3.75	cps
Selenium	77-2	60	63	33	52	31.49	cps
Selenium	78-2	110	133	127	123	9.75	cps
Silicon	28-1	658028	640473	635997	644832	1.81	cps
Silver	107-1	34600	33056	33314	33657	2.46	cps
Silver	109-1	31957	31426	31449	31611	0.95	cps
Sodium	23-2	421513	418503	415978	418664	0.66	cps
Strontium	86-1	9447	9216	9156	9273	1.65	cps
Strontium	88-1	80574	77798	75244	77872	3.42	cps
Sulfur	34-1	386301	385074	380278	383884	0.83	cps
Terbium	159-1	16194215	15533377	15267537	15665043	3.05	cps
Terbium	159-2	4998957	4930561	4816781	4915433	1.87	cps
Thallium	203-1	28091	26851	26624	27189	2.90	cps
Thallium	205-1	68048	64854	63792	65565	3.38	cps
Tin	118-1	113207	109605	107665	110159	2.55	cps
Titanium	47-1	22701	21890	21620	22070	2.55	cps
Uranium	238-1	84963	83523	80765	83084	2.57	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166404BS Instrumnet Name : P8
Client Sample ID : LCS404 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:48:25 DataFile Name : 048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	21650	21707	21453	21603	0.62	cps
Ytterbium	172-1	97	83	73	84	13.87	cps
Ytterbium	172-2	43	30	23	32	31.61	cps
Ytterbium	176-1	1987	1917	1974	1959	1.90	cps
Ytterbium	176-2	323	300	343	322	6.73	cps
Yttrium	89-1	22530586	21709601	21066852	21769013	3.37	cps
Yttrium	89-2	1547042	1460091	1474549	1493894	3.12	cps
Zinc	66-2	4477	4314	4351	4381	1.96	cps
Zirconium	90-1	48100	47561	45792	47151	2.56	cps
Zirconium	91-1	10391	10471	10287	10383	0.89	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166405BL Instrumnet Name : P8
Client Sample ID : PBS405 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:51:48 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87	93	97	92	5.52	cps
Antimony	121-1	173	117	147	146	19.48	cps
Arsenic	75-2	0	7	3	3	100.05	cps
Barium	135-1	323	247	297	289	13.47	cps
Barium	137-1	397	427	457	427	7.03	cps
Beryllium	9-1	364	339	344	349	3.79	cps
Bismuth	209-1	10195016	9945099	10130265	10090127	1.29	cps
Bismuth	209-2	3933013	3875673	3862131	3890272	0.97	cps
Bromine	81-1	6021	6035	6055	6037	0.28	cps
Cadmium	108-1	40	40	27	36	21.64	cps
Cadmium	106-1	6828	6818	6852	6833	0.25	cps
Cadmium	111-1	1361	1366	1382	1369	0.79	cps
Calcium	43-1	630	640	593	621	3.96	cps
Calcium	44-1	10507	10734	10781	10674	1.37	cps
Carbon	12-1	2635300	2612694	2619979	2622658	0.44	cps
Carbon	12-2	16950	16456	17080	16829	1.96	cps
Chlorine	35-1	181608	166448	154417	167491	8.14	cps
Chlorine	35-2	533	553	480	522	7.26	cps
Chromium	52-2	1803	1633	1797	1745	5.52	cps
Cobalt	59-2	157	153	147	152	3.35	cps
Copper	63-2	2634	2590	2527	2584	2.08	cps
Dysprosium	156-1	63	63	40	56	24.25	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	63	63	93	73	23.62	cps
Erbium	164-2	53	37	27	39	34.63	cps
Gadolinium	160-1	57	37	37	43	26.64	cps
Gadolinium	160-2	7	3	17	9	78.08	cps
Holmium	165-1	16372281	15982718	16246529	16200509	1.23	cps
Holmium	165-2	5455386	5422692	5413253	5430444	0.41	cps
Indium	115-1	12769033	12500040	12700613	12656562	1.10	cps
Indium	115-2	1177380	1176487	1177687	1177185	0.05	cps
Iron	54-2	607	507	573	562	9.06	cps
Iron	56-2	8329	8326	8616	8424	1.98	cps
Iron	57-2	193	203	230	209	9.07	cps
Krypton	83-1	143	190	147	160	16.27	cps
Lead	206-1	1660	1513	1710	1628	6.28	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166405BL Instrumnet Name : P8
Client Sample ID : PBS405 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:51:48 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1483	1337	1490	1437	6.03	cps
Lead	208-1	6801	6131	6647	6526	5.38	cps
Lithium	6-1	7949500	7824444	7769825	7847923	1.17	cps
Magnesium	24-2	417	410	460	429	6.33	cps
Manganese	55-2	233	347	230	270	24.60	cps
Molybdenum	94-1	580	607	523	570	7.47	cps
Molybdenum	95-1	533	477	497	502	5.72	cps
Molybdenum	96-1	583	653	600	612	5.97	cps
Molybdenum	97-1	310	293	310	304	3.16	cps
Molybdenum	98-1	807	887	767	820	7.45	cps
Neodymium	150-1	13	30	27	23	37.81	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1400	1367	1443	1403	2.74	cps
Phosphorus	31-2	37	50	50	46	16.89	cps
Potassium	39-2	6131	6118	6335	6195	1.96	cps
Rhodium	103-1	11701198	11411628	11678814	11597213	1.39	cps
Rhodium	103-2	4331717	4253812	4295713	4293747	0.91	cps
Scandium	45-1	9419705	9223261	9288410	9310459	1.07	cps
Scandium	45-2	156838	156471	156596	156635	0.12	cps
Selenium	82-1	33	-50	17	0	0.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	17	10	9	94.38	cps
Silicon	28-1	377584	374113	374956	375551	0.48	cps
Silver	107-1	327	277	397	333	18.08	cps
Silver	109-1	230	217	220	222	3.12	cps
Sodium	23-2	20782	20321	20378	20493	1.23	cps
Strontium	86-1	347	340	347	344	1.12	cps
Strontium	88-1	493	467	443	468	5.35	cps
Sulfur	34-1	393157	395747	395096	394667	0.34	cps
Terbium	159-1	16578152	16204804	16660491	16481149	1.47	cps
Terbium	159-2	5207739	5186752	5232538	5209010	0.44	cps
Thallium	203-1	523	403	397	441	16.16	cps
Thallium	205-1	1263	957	1047	1089	14.48	cps
Tin	118-1	1063	1140	941	1048	9.55	cps
Titanium	47-1	117	153	153	141	15.00	cps
Uranium	238-1	33	23	23	27	21.65	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166405BL Instrumnet Name : P8
Client Sample ID : PBS405 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:51:48 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	13	10	10	33.30	cps
Ytterbium	172-1	103	80	100	94	13.36	cps
Ytterbium	172-2	37	33	30	33	10.01	cps
Ytterbium	176-1	1937	1914	1947	1932	0.89	cps
Ytterbium	176-2	287	280	263	277	4.34	cps
Yttrium	89-1	22988356	22738361	23013323	22913347	0.66	cps
Yttrium	89-2	1579333	1600963	1552038	1577445	1.55	cps
Zinc	66-2	283	343	340	322	10.46	cps
Zirconium	90-1	697	790	700	729	7.26	cps
Zirconium	91-1	160	203	153	172	15.76	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166405BS Instrumnet Name : P8
Client Sample ID : LCS405 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:55:09 DataFile Name : 050LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	585766	583881	584740	584796	0.16	cps
Antimony	121-1	6620941	6812362	6840368	6757891	1.77	cps
Arsenic	75-2	121531	120577	120917	121008	0.40	cps
Barium	135-1	8355094	8628604	8694342	8559347	2.10	cps
Barium	137-1	14649187	14940601	14964119	14851303	1.18	cps
Beryllium	9-1	2550759	2563604	2507977	2540780	1.15	cps
Bismuth	209-1	9521743	9470986	9566422	9519717	0.50	cps
Bismuth	209-2	3667895	3763160	3714887	3715314	1.28	cps
Bromine	81-1	6041	6208	6338	6196	2.40	cps
Cadmium	108-1	137026	137380	136364	136923	0.38	cps
Cadmium	106-1	195031	198500	198584	197372	1.03	cps
Cadmium	111-1	1681066	1726699	1724878	1710881	1.51	cps
Calcium	43-1	2614050	2627431	2633843	2625108	0.38	cps
Calcium	44-1	42309940	42351293	42461740	42374324	0.19	cps
Carbon	12-1	3226865	3336236	3400288	3321130	2.64	cps
Carbon	12-2	22825	22587	23158	22857	1.25	cps
Chlorine	35-1	131877	132701	132123	132234	0.32	cps
Chlorine	35-2	503	607	570	560	9.36	cps
Chromium	52-2	1499463	1498505	1483782	1493917	0.59	cps
Cobalt	59-2	2705444	2695632	2697019	2699365	0.20	cps
Copper	63-2	20107776	19959476	20101608	20056287	0.42	cps
Dysprosium	156-1	287	243	240	257	10.14	cps
Dysprosium	156-2	20	33	27	27	24.99	cps
Erbium	164-1	203	223	137	188	24.17	cps
Erbium	164-2	73	47	30	50	43.71	cps
Gadolinium	160-1	170	123	130	141	17.88	cps
Gadolinium	160-2	40	37	43	40	8.32	cps
Holmium	165-1	15994509	16368810	16321554	16228291	1.26	cps
Holmium	165-2	5539322	5364949	5414490	5439587	1.65	cps
Indium	115-1	12057700	12265976	12140083	12154586	0.86	cps
Indium	115-2	1135983	1139226	1141826	1139011	0.26	cps
Iron	54-2	2966105	3022697	3030446	3006416	1.17	cps
Iron	56-2	54562748	54673251	54194163	54476720	0.46	cps
Iron	57-2	1305744	1314516	1306976	1309079	0.36	cps
Krypton	83-1	183	170	223	192	14.44	cps
Lead	206-1	27587489	28146943	28123867	27952766	1.13	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166405BS Instrumnet Name : P8
Client Sample ID : LCS405 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:55:09 DataFile Name : 050LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	23759530	24368328	24225592	24117817	1.32	cps
Lead	208-1	110259495	112261462	112170552	111563836	1.01	cps
Lithium	6-1	7597110	7737805	7562418	7632444	1.22	cps
Magnesium	24-2	10765075	10604980	10630915	10666990	0.81	cps
Manganese	55-2	6291113	6331558	6325507	6316060	0.35	cps
Molybdenum	94-1	24378453	24367325	24809705	24518494	1.03	cps
Molybdenum	95-1	35166304	35471320	36160698	35599441	1.43	cps
Molybdenum	96-1	38103874	38928348	38754504	38595576	1.13	cps
Molybdenum	97-1	21678266	21719124	21789543	21728978	0.26	cps
Molybdenum	98-1	56761426	57271521	57683491	57238812	0.81	cps
Neodymium	150-1	737	800	787	774	4.31	cps
Neodymium	150-2	30	33	23	29	17.63	cps
Nickel	60-2	695957	702062	700946	699655	0.46	cps
Phosphorus	31-2	25770	25499	26023	25764	1.02	cps
Potassium	39-2	2998859	2976367	3017619	2997615	0.69	cps
Rhodium	103-1	11002907	11040359	10977499	11006922	0.29	cps
Rhodium	103-2	4040855	4132342	4100487	4091228	1.14	cps
Scandium	45-1	9248467	9303792	9303876	9285379	0.34	cps
Scandium	45-2	159036	158941	160161	159379	0.43	cps
Selenium	82-1	104043	106988	107839	106290	1.87	cps
Selenium	77-2	1653	1837	1757	1749	5.26	cps
Selenium	78-2	6005	5948	6168	6040	1.89	cps
Silicon	28-1	23011905	23117350	23165735	23098330	0.34	cps
Silver	107-1	8899338	8931946	8923081	8918122	0.19	cps
Silver	109-1	8426902	8567584	8462027	8485504	0.86	cps
Sodium	23-2	21181953	21287181	20941031	21136721	0.84	cps
Strontium	86-1	2546859	2569678	2558002	2558179	0.45	cps
Strontium	88-1	21161175	21557557	21481212	21399981	0.98	cps
Sulfur	34-1	1091488	1066102	1073327	1076972	1.21	cps
Terbium	159-1	16576139	16421360	16689666	16562389	0.81	cps
Terbium	159-2	5160694	5277375	5171862	5203310	1.24	cps
Thallium	203-1	7198336	7308653	7154416	7220469	1.10	cps
Thallium	205-1	16979348	17019209	16864842	16954466	0.47	cps
Tin	118-1	6338553	6447676	6380666	6388965	0.86	cps
Titanium	47-1	11150544	11252591	11291092	11231409	0.65	cps
Uranium	238-1	22010853	22332854	22154948	22166218	0.73	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166405BS Instrumnet Name : P8
Client Sample ID : LCS405 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:55:09 DataFile Name : 050LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1090960	1096357	1096834	1094717	0.30	cps
Ytterbium	172-1	160	190	143	164	14.38	cps
Ytterbium	172-2	80	67	63	70	12.60	cps
Ytterbium	176-1	32660	32520	32741	32640	0.34	cps
Ytterbium	176-2	10808	10558	10481	10615	1.61	cps
Yttrium	89-1	22897290	22573053	22861829	22777390	0.78	cps
Yttrium	89-2	1601594	1605305	1584980	1597293	0.68	cps
Zinc	66-2	2159236	2157563	2117398	2144733	1.10	cps
Zirconium	90-1	12263030	12280558	12311338	12284975	0.20	cps
Zirconium	91-1	2759279	2728532	2748519	2745443	0.57	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166406BL Instrumnet Name : P8
Client Sample ID : PBW406 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:57:56 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	130	103	109	17.41	cps
Antimony	121-1	1453	1280	1210	1315	9.53	cps
Arsenic	75-2	10	13	10	11	17.30	cps
Barium	135-1	1017	897	980	964	6.38	cps
Barium	137-1	1757	1610	1600	1656	5.30	cps
Beryllium	9-1	737	699	670	702	4.83	cps
Bismuth	209-1	10230275	10131203	10202111	10187863	0.50	cps
Bismuth	209-2	3856907	3897927	3951246	3902027	1.21	cps
Bromine	81-1	6595	6305	6321	6407	2.54	cps
Cadmium	108-1	50	43	30	41	24.77	cps
Cadmium	106-1	6835	7179	6745	6920	3.31	cps
Cadmium	111-1	1522	1575	1495	1531	2.68	cps
Calcium	43-1	760	663	733	719	6.95	cps
Calcium	44-1	12509	12325	12098	12311	1.67	cps
Carbon	12-1	2705349	2692175	2635590	2677704	1.38	cps
Carbon	12-2	17020	17464	16900	17128	1.73	cps
Chlorine	35-1	98485	95995	95858	96779	1.53	cps
Chlorine	35-2	363	287	333	328	11.79	cps
Chromium	52-2	1687	1910	1760	1786	6.38	cps
Cobalt	59-2	263	227	313	268	16.25	cps
Copper	63-2	3544	3480	3270	3432	4.17	cps
Dysprosium	156-1	43	60	80	61	30.04	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	80	60	50	63	24.12	cps
Erbium	164-2	27	33	33	31	12.36	cps
Gadolinium	160-1	73	43	43	53	32.48	cps
Gadolinium	160-2	13	27	27	22	34.66	cps
Holmium	165-1	16270129	16348846	16213911	16277629	0.42	cps
Holmium	165-2	5347863	5482854	5479566	5436761	1.42	cps
Indium	115-1	12916085	12625108	12728185	12756459	1.16	cps
Indium	115-2	1188385	1185066	1183270	1185573	0.22	cps
Iron	54-2	720	727	703	717	1.68	cps
Iron	56-2	10484	10464	10057	10335	2.33	cps
Iron	57-2	227	253	247	242	5.73	cps
Krypton	83-1	157	157	170	161	4.78	cps
Lead	206-1	3597	3190	3057	3282	8.57	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166406BL Instrumnet Name : P8
Client Sample ID : PBW406 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:57:56 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3127	2810	2704	2880	7.65	cps
Lead	208-1	14403	13026	12476	13302	7.46	cps
Lithium	6-1	7904375	7778412	7796962	7826583	0.87	cps
Magnesium	24-2	700	830	710	747	9.69	cps
Manganese	55-2	637	767	567	657	15.46	cps
Molybdenum	94-1	1937	1817	1603	1786	9.46	cps
Molybdenum	95-1	2654	2164	2214	2344	11.51	cps
Molybdenum	96-1	2904	2600	2540	2681	7.27	cps
Molybdenum	97-1	1477	1490	1357	1441	5.10	cps
Molybdenum	98-1	4244	3807	3320	3791	12.19	cps
Neodymium	150-1	43	43	33	40	14.43	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1300	1550	1423	1425	8.78	cps
Phosphorus	31-2	53	27	40	40	33.33	cps
Potassium	39-2	6558	6428	6515	6500	1.02	cps
Rhodium	103-1	11765761	11831419	11775945	11791042	0.30	cps
Rhodium	103-2	4393222	4429785	4350532	4391180	0.90	cps
Scandium	45-1	9371313	9401109	9318332	9363585	0.45	cps
Scandium	45-2	159008	158803	159325	159046	0.17	cps
Selenium	82-1	23	-7	-20	-1	-1993.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	7	7	8	24.71	cps
Silicon	28-1	405622	401491	393297	400137	1.57	cps
Silver	107-1	1160	1120	977	1086	8.88	cps
Silver	109-1	1073	913	827	938	13.34	cps
Sodium	23-2	22624	22561	22574	22586	0.15	cps
Strontium	86-1	377	367	380	374	1.85	cps
Strontium	88-1	1473	1197	1033	1235	18.02	cps
Sulfur	34-1	384180	385817	385732	385243	0.24	cps
Terbium	159-1	16766621	16456791	16623719	16615710	0.93	cps
Terbium	159-2	5372140	5327759	5228962	5309620	1.38	cps
Thallium	203-1	913	837	677	809	14.93	cps
Thallium	205-1	1990	1984	1957	1977	0.89	cps
Tin	118-1	1457	1520	1504	1494	2.21	cps
Titanium	47-1	617	610	560	596	5.20	cps
Uranium	238-1	1010	923	783	906	12.63	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166406BL Instrumnet Name : P8
Client Sample ID : PBW406 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 16:57:56 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37	37	60	44	30.31	cps
Ytterbium	172-1	123	80	93	99	22.45	cps
Ytterbium	172-2	27	23	33	28	18.33	cps
Ytterbium	176-1	1823	2004	2010	1946	5.44	cps
Ytterbium	176-2	303	300	350	318	8.80	cps
Yttrium	89-1	23467540	23074670	23015757	23185989	1.06	cps
Yttrium	89-2	1586192	1579937	1594530	1586886	0.46	cps
Zinc	66-2	497	517	423	479	10.26	cps
Zirconium	90-1	1260	1253	1333	1282	3.46	cps
Zirconium	91-1	327	323	283	311	7.75	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166406BS Instrumnet Name : P8
Client Sample ID : LCS406 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:01:18 DataFile Name : 052LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	582487	588439	580779	583902	0.69	cps
Antimony	121-1	6806018	6809483	6847014	6820839	0.33	cps
Arsenic	75-2	122211	121461	119424	121032	1.19	cps
Barium	135-1	8639056	8685468	8646997	8657174	0.29	cps
Barium	137-1	15135031	15104267	14976464	15071921	0.56	cps
Beryllium	9-1	2530511	2564775	2541058	2545448	0.69	cps
Bismuth	209-1	9741268	9644093	9794762	9726708	0.79	cps
Bismuth	209-2	3656640	3716937	3714650	3696076	0.92	cps
Bromine	81-1	6368	6458	6265	6364	1.52	cps
Cadmium	108-1	138384	138342	137228	137985	0.48	cps
Cadmium	106-1	196645	199128	200450	198741	0.97	cps
Cadmium	111-1	1724916	1730975	1738971	1731621	0.41	cps
Calcium	43-1	2656248	2661095	2648887	2655410	0.23	cps
Calcium	44-1	42327754	42858278	43037298	42741110	0.86	cps
Carbon	12-1	3284210	3305569	3310731	3300170	0.43	cps
Carbon	12-2	22884	23866	22881	23211	2.45	cps
Chlorine	35-1	110010	110511	111169	110563	0.53	cps
Chlorine	35-2	450	427	487	454	6.66	cps
Chromium	52-2	1502051	1474795	1484318	1487054	0.93	cps
Cobalt	59-2	2745517	2729759	2716461	2730579	0.53	cps
Copper	63-2	20203220	20007936	19929138	20046764	0.70	cps
Dysprosium	156-1	293	243	187	241	22.13	cps
Dysprosium	156-2	30	37	50	39	26.18	cps
Erbium	164-1	160	157	180	166	7.62	cps
Erbium	164-2	57	27	50	44	35.44	cps
Gadolinium	160-1	147	107	120	124	16.37	cps
Gadolinium	160-2	20	10	37	22	60.63	cps
Holmium	165-1	16500054	16317220	16382126	16399800	0.57	cps
Holmium	165-2	5407619	5431133	5361680	5400144	0.65	cps
Indium	115-1	12318987	12213365	12357389	12296581	0.61	cps
Indium	115-2	1130682	1135461	1131453	1132532	0.23	cps
Iron	54-2	2991128	2988767	3015676	2998524	0.50	cps
Iron	56-2	53830108	54148241	53786674	53921674	0.37	cps
Iron	57-2	1303735	1299693	1302928	1302119	0.16	cps
Krypton	83-1	197	233	170	200	15.90	cps
Lead	206-1	28387245	27760412	28018145	28055268	1.12	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166406BS Instrumnet Name : P8
Client Sample ID : LCS406 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:01:18 DataFile Name : 052LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	23964725	23878478	24230396	24024533	0.76	cps
Lead	208-1	111286950	110646916	111804678	111246181	0.52	cps
Lithium	6-1	7911793	7819363	7725337	7818831	1.19	cps
Magnesium	24-2	10726218	10674119	10510174	10636837	1.06	cps
Manganese	55-2	6304874	6337230	6216306	6286137	1.00	cps
Molybdenum	94-1	24712217	24527121	24862600	24700646	0.68	cps
Molybdenum	95-1	35551764	35806460	36227949	35862058	0.95	cps
Molybdenum	96-1	38635508	38722279	39171715	38843167	0.74	cps
Molybdenum	97-1	21424670	21747840	22009042	21727184	1.35	cps
Molybdenum	98-1	56849787	56972451	57477396	57099878	0.58	cps
Neodymium	150-1	727	733	870	777	10.42	cps
Neodymium	150-2	30	33	37	33	10.01	cps
Nickel	60-2	699334	701029	698397	699587	0.19	cps
Phosphorus	31-2	25285	26611	25927	25941	2.56	cps
Potassium	39-2	2969450	3054491	2961756	2995232	1.72	cps
Rhodium	103-1	10885442	11021451	11119017	11008637	1.07	cps
Rhodium	103-2	4047016	4126321	4094449	4089262	0.98	cps
Scandium	45-1	9359833	9489878	9454708	9434806	0.71	cps
Scandium	45-2	157859	160579	159643	159360	0.87	cps
Selenium	82-1	107967	105914	107472	107118	1.00	cps
Selenium	77-2	1697	1660	1817	1725	4.75	cps
Selenium	78-2	5948	5811	5818	5859	1.32	cps
Silicon	28-1	21550216	21602286	21367389	21506630	0.57	cps
Silver	107-1	9081094	8969178	8905571	8985281	0.99	cps
Silver	109-1	8530638	8554601	8658737	8581325	0.79	cps
Sodium	23-2	21455236	21102191	20893339	21150255	1.34	cps
Strontium	86-1	2507498	2527344	2577799	2537547	1.43	cps
Strontium	88-1	21505075	21635838	21422321	21521078	0.50	cps
Sulfur	34-1	1091245	1101452	1084326	1092341	0.79	cps
Terbium	159-1	16604281	16611624	16760782	16658896	0.53	cps
Terbium	159-2	5206789	5252739	5177263	5212264	0.73	cps
Thallium	203-1	7179239	7177285	7175604	7177376	0.03	cps
Thallium	205-1	16988355	16890346	17042437	16973713	0.45	cps
Tin	118-1	6426981	6403469	6487250	6439233	0.67	cps
Titanium	47-1	11237277	11345969	11247636	11276961	0.53	cps
Uranium	238-1	21834884	22319368	22452711	22202321	1.46	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166406BS Instrumnet Name : P8
Client Sample ID : LCS406 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:01:18 DataFile Name : 052LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1097751	1102420	1092283	1097485	0.46	cps
Ytterbium	172-1	160	137	173	157	11.85	cps
Ytterbium	172-2	53	63	53	57	10.19	cps
Ytterbium	176-1	33038	32573	33238	32950	1.04	cps
Ytterbium	176-2	10801	10995	10498	10764	2.33	cps
Yttrium	89-1	22787851	22787176	23186609	22920545	1.01	cps
Yttrium	89-2	1567206	1572288	1591636	1577043	0.82	cps
Zinc	66-2	2181384	2156425	2146921	2161576	0.82	cps
Zirconium	90-1	12389814	12367702	12306079	12354531	0.35	cps
Zirconium	91-1	2736643	2802823	2755256	2764908	1.23	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166407BL Instrumnet Name : P8
Client Sample ID : PBW407 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:04:05 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	113	73	84	29.89	cps
Antimony	121-1	1670	1383	1237	1430	15.41	cps
Arsenic	75-2	0	17	10	9	94.38	cps
Barium	135-1	1420	1220	1080	1240	13.78	cps
Barium	137-1	2547	2107	1847	2167	16.33	cps
Beryllium	9-1	965	875	792	877	9.83	cps
Bismuth	209-1	10274230	10162845	10264712	10233929	0.60	cps
Bismuth	209-2	3985327	3997568	3660700	3881198	4.92	cps
Bromine	81-1	6115	6305	6372	6264	2.13	cps
Cadmium	108-1	53	70	43	56	24.25	cps
Cadmium	106-1	6942	6882	6738	6854	1.52	cps
Cadmium	111-1	1561	1501	1437	1500	4.12	cps
Calcium	43-1	887	747	770	801	9.36	cps
Calcium	44-1	13957	12689	12562	13069	5.90	cps
Carbon	12-1	2727030	2707100	2696346	2710158	0.57	cps
Carbon	12-2	17137	17060	16880	17026	0.77	cps
Chlorine	35-1	85920	84196	84253	84790	1.15	cps
Chlorine	35-2	357	290	307	318	10.92	cps
Chromium	52-2	1927	1667	1863	1819	7.45	cps
Cobalt	59-2	203	287	233	241	17.50	cps
Copper	63-2	3200	3024	3047	3090	3.11	cps
Dysprosium	156-1	27	80	50	52	51.19	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	83	83	83	83	0.00	cps
Erbium	164-2	27	43	13	28	54.11	cps
Gadolinium	160-1	43	53	37	44	18.87	cps
Gadolinium	160-2	17	17	10	14	26.66	cps
Holmium	165-1	16390354	16471513	16512672	16458179	0.38	cps
Holmium	165-2	5511946	5605302	5003552	5373600	6.03	cps
Indium	115-1	12988367	12800177	12918482	12902342	0.74	cps
Indium	115-2	1202300	1204702	1076601	1161201	6.31	cps
Iron	54-2	593	603	633	610	3.41	cps
Iron	56-2	9290	8983	9093	9122	1.70	cps
Iron	57-2	213	203	230	216	6.25	cps
Krypton	83-1	207	220	140	189	22.69	cps
Lead	206-1	4694	4054	3577	4108	13.64	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166407BL Instrumnet Name : P8
Client Sample ID : PBW407 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:04:05 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4104	3184	2994	3427	17.33	cps
Lead	208-1	18879	15440	13813	16044	16.12	cps
Lithium	6-1	7780739	7731180	7816828	7776249	0.55	cps
Magnesium	24-2	567	563	460	530	11.44	cps
Manganese	55-2	593	527	593	571	6.74	cps
Molybdenum	94-1	2584	1950	1777	2104	20.19	cps
Molybdenum	95-1	3324	2740	2220	2761	19.99	cps
Molybdenum	96-1	4014	3060	2527	3200	23.54	cps
Molybdenum	97-1	2220	1610	1353	1728	25.77	cps
Molybdenum	98-1	5414	4127	3547	4363	21.90	cps
Neodymium	150-1	33	47	57	46	25.70	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	1460	1503	1433	1466	2.41	cps
Phosphorus	31-2	23	30	27	27	12.51	cps
Potassium	39-2	6785	6401	6411	6533	3.35	cps
Rhodium	103-1	11960928	11842681	11888040	11897216	0.50	cps
Rhodium	103-2	4480718	4455444	3963633	4299932	6.78	cps
Scandium	45-1	9339230	9437992	9456799	9411340	0.67	cps
Scandium	45-2	162116	160565	144263	155648	6.35	cps
Selenium	82-1	-27	-50	30	-16	-264.46	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	7	7	4	86.60	cps
Silicon	28-1	414702	408199	401862	408255	1.57	cps
Silver	107-1	1527	1257	953	1246	23.03	cps
Silver	109-1	1360	817	920	1032	27.95	cps
Sodium	23-2	22908	22808	22441	22719	1.08	cps
Strontium	86-1	447	420	390	419	6.77	cps
Strontium	88-1	2080	1490	1310	1627	24.76	cps
Sulfur	34-1	388464	387671	392829	389655	0.71	cps
Terbium	159-1	16953222	16634181	16660963	16749455	1.06	cps
Terbium	159-2	5380498	5335533	4851910	5189313	5.65	cps
Thallium	203-1	1080	983	830	964	13.07	cps
Thallium	205-1	2544	2354	2064	2320	10.42	cps
Tin	118-1	1964	1489	1453	1635	17.46	cps
Titanium	47-1	920	603	513	679	31.46	cps
Uranium	238-1	1620	1107	873	1200	31.83	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166407BL Instrumnet Name : P8
Client Sample ID : PBW407 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:04:05 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	20	17	21	24.12	cps
Ytterbium	172-1	100	110	83	98	13.78	cps
Ytterbium	172-2	43	53	37	44	18.87	cps
Ytterbium	176-1	1910	1853	1923	1896	1.96	cps
Ytterbium	176-2	277	353	297	309	12.87	cps
Yttrium	89-1	23222101	23461208	23228927	23304079	0.58	cps
Yttrium	89-2	1642250	1613033	1453165	1569482	6.49	cps
Zinc	66-2	360	460	363	394	14.40	cps
Zirconium	90-1	1827	1277	1293	1466	21.35	cps
Zirconium	91-1	433	300	327	353	19.97	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166407BS Instrumnet Name : P8
Client Sample ID : LCS407 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:07:27 DataFile Name : 054LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	594924	591804	591765	592831	0.31	cps
Antimony	121-1	6964742	7007693	6956071	6976169	0.40	cps
Arsenic	75-2	122097	123764	124971	123611	1.17	cps
Barium	135-1	8873539	8925760	8834978	8878093	0.51	cps
Barium	137-1	14985594	15414101	15433515	15277737	1.66	cps
Beryllium	9-1	2505947	2538587	2524593	2523042	0.65	cps
Bismuth	209-1	9147425	9487286	9566539	9400417	2.37	cps
Bismuth	209-2	3765565	3781078	3746386	3764343	0.46	cps
Bromine	81-1	6221	6555	6512	6429	2.82	cps
Cadmium	108-1	138588	141052	140878	140173	0.98	cps
Cadmium	106-1	201756	202395	202747	202299	0.25	cps
Cadmium	111-1	1709732	1775049	1752157	1745646	1.90	cps
Calcium	43-1	2670105	2736300	2706506	2704304	1.23	cps
Calcium	44-1	42904313	44025624	43875544	43601827	1.40	cps
Carbon	12-1	3239485	3341927	3351120	3310844	1.87	cps
Carbon	12-2	22547	22300	22834	22561	1.18	cps
Chlorine	35-1	100975	103006	103563	102515	1.33	cps
Chlorine	35-2	330	500	443	424	20.39	cps
Chromium	52-2	1534230	1530766	1513374	1526123	0.73	cps
Cobalt	59-2	2788002	2847815	2804455	2813424	1.10	cps
Copper	63-2	20589323	20454366	20228866	20424185	0.89	cps
Dysprosium	156-1	243	227	257	242	6.21	cps
Dysprosium	156-2	20	20	13	18	21.66	cps
Erbium	164-1	163	190	203	186	10.98	cps
Erbium	164-2	60	67	67	64	5.98	cps
Gadolinium	160-1	123	133	157	138	12.41	cps
Gadolinium	160-2	30	43	20	31	37.62	cps
Holmium	165-1	15916876	16130510	16479392	16175593	1.76	cps
Holmium	165-2	5526502	5496763	5490612	5504625	0.35	cps
Indium	115-1	11820937	12138599	12244704	12068080	1.83	cps
Indium	115-2	1146978	1159860	1155337	1154058	0.57	cps
Iron	54-2	3119287	3091792	3070667	3093915	0.79	cps
Iron	56-2	55154363	56034524	55167463	55452116	0.91	cps
Iron	57-2	1408543	1419812	1324542	1384299	3.76	cps
Krypton	83-1	187	210	180	192	8.19	cps
Lead	206-1	28348647	28459385	28841804	28549945	0.91	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166407BS Instrumnet Name : P8
Client Sample ID : LCS407 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:07:27 DataFile Name : 054LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	24682239	24574710	24601943	24619631	0.23	cps
Lead	208-1	113382390	113082065	114250854	113571770	0.53	cps
Lithium	6-1	7321030	7416924	7487746	7408567	1.13	cps
Magnesium	24-2	10794961	10754561	10818016	10789179	0.30	cps
Manganese	55-2	6430790	6467017	6417709	6438505	0.40	cps
Molybdenum	94-1	24914118	25460282	25457871	25277424	1.24	cps
Molybdenum	95-1	36319558	36394624	36531056	36415079	0.29	cps
Molybdenum	96-1	39454566	39471406	39977145	39634372	0.75	cps
Molybdenum	97-1	22485046	22330442	22524848	22446779	0.46	cps
Molybdenum	98-1	58018221	59033802	59187892	58746639	1.08	cps
Neodymium	150-1	780	823	743	782	5.12	cps
Neodymium	150-2	37	40	43	40	8.32	cps
Nickel	60-2	709936	712955	714821	712571	0.35	cps
Phosphorus	31-2	26070	26457	26862	26463	1.50	cps
Potassium	39-2	3063540	3058194	2995257	3038997	1.25	cps
Rhodium	103-1	10810834	10967524	11085215	10954524	1.26	cps
Rhodium	103-2	4175837	4258012	4208830	4214226	0.98	cps
Scandium	45-1	8980769	9243429	9433599	9219266	2.47	cps
Scandium	45-2	160421	161213	160448	160694	0.28	cps
Selenium	82-1	107795	108977	108595	108456	0.56	cps
Selenium	77-2	1893	1703	1830	1809	5.35	cps
Selenium	78-2	6038	6028	6185	6084	1.44	cps
Silicon	28-1	20724446	21126847	20990509	20947267	0.98	cps
Silver	107-1	9167512	9183378	9203593	9184828	0.20	cps
Silver	109-1	8686306	8632717	8734541	8684521	0.59	cps
Sodium	23-2	21509841	21302376	21437771	21416663	0.49	cps
Strontium	86-1	2582814	2647169	2555644	2595209	1.81	cps
Strontium	88-1	21880997	22050644	22045337	21992326	0.44	cps
Sulfur	34-1	1090910	1097802	1084456	1091056	0.61	cps
Terbium	159-1	16083879	16322991	16618297	16341722	1.64	cps
Terbium	159-2	5293762	5487178	5237429	5339456	2.45	cps
Thallium	203-1	7176796	7306112	7375500	7286136	1.38	cps
Thallium	205-1	17269872	17272615	17534717	17359068	0.88	cps
Tin	118-1	6627260	6517760	6682715	6609245	1.27	cps
Titanium	47-1	11394619	11542847	11598477	11511981	0.92	cps
Uranium	238-1	22302993	22558304	22832667	22564655	1.17	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166407BS Instrumnet Name : P8
Client Sample ID : LCS407 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:07:27 DataFile Name : 054LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1115414	1111869	1114934	1114073	0.17	cps
Ytterbium	172-1	167	137	180	161	13.77	cps
Ytterbium	172-2	47	93	63	68	34.89	cps
Ytterbium	176-1	33406	33890	33900	33732	0.84	cps
Ytterbium	176-2	10875	11308	10951	11045	2.10	cps
Yttrium	89-1	22634202	22531310	23002830	22722780	1.09	cps
Yttrium	89-2	1623328	1641665	1590392	1618462	1.61	cps
Zinc	66-2	2206998	2204204	2224542	2211915	0.50	cps
Zirconium	90-1	12402566	12742988	12605703	12583752	1.36	cps
Zirconium	91-1	2844687	2819045	2844218	2835983	0.52	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV003 Instrumnet Name : P8
Client Sample ID : CCV003 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:10:51 DataFile Name : 055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2809638	2872008	2861947	2847864	1.18	cps
Antimony	121-1	6221163	6228946	6215618	6221909	0.11	cps
Arsenic	75-2	106790	108446	108823	108020	1.00	cps
Barium	135-1	8019269	8091210	7993437	8034639	0.63	cps
Barium	137-1	13754961	14064281	13566269	13795170	1.82	cps
Beryllium	9-1	2294035	2275946	2250546	2273509	0.96	cps
Bismuth	209-1	8158468	8465064	8620404	8414645	2.79	cps
Bismuth	209-2	3352493	3295626	3310823	3319647	0.89	cps
Bromine	81-1	6628	6638	6825	6697	1.65	cps
Cadmium	108-1	130615	132186	131062	131288	0.62	cps
Cadmium	106-1	188211	192553	190319	190361	1.14	cps
Cadmium	111-1	1632130	1664707	1626882	1641240	1.25	cps
Calcium	43-1	12413861	12276958	12209728	12300182	0.85	cps
Calcium	44-1	199938610	199067637	200253164	199753137	0.31	cps
Carbon	12-1	3337368	3383678	3481024	3400690	2.16	cps
Carbon	12-2	25859	26203	25933	25999	0.70	cps
Chlorine	35-1	93643	94711	93570	93974	0.68	cps
Chlorine	35-2	360	370	387	372	3.62	cps
Chromium	52-2	1269503	1268269	1272948	1270240	0.19	cps
Cobalt	59-2	2414341	2423855	2391776	2409991	0.68	cps
Copper	63-2	17155232	17162165	17137074	17151490	0.08	cps
Dysprosium	156-1	423	463	417	434	5.81	cps
Dysprosium	156-2	77	90	67	78	15.05	cps
Erbium	164-1	367	340	407	371	9.04	cps
Erbium	164-2	120	137	100	119	15.44	cps
Gadolinium	160-1	340	333	333	336	1.15	cps
Gadolinium	160-2	97	110	147	118	21.98	cps
Holmium	165-1	14634482	15268810	15265926	15056406	2.43	cps
Holmium	165-2	5287867	5155906	5139781	5194518	1.56	cps
Indium	115-1	10500808	11055190	11007456	10854485	2.83	cps
Indium	115-2	1067540	1047098	1059942	1058194	0.98	cps
Iron	54-2	13483468	13574560	13603751	13553926	0.46	cps
Iron	56-2	247029263	249211590	249414436	248551763	0.53	cps
Iron	57-2	6225461	6338366	6261170	6274999	0.92	cps
Krypton	83-1	187	267	230	228	17.58	cps
Lead	206-1	25237500	25662354	25038510	25312788	1.26	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV003 Instrumnet Name : P8
Client Sample ID : CCV003 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:10:51 DataFile Name : 055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	21620394	22028120	22130357	21926290	1.23	cps
Lead	208-1	100238947	101692943	101799488	101243793	0.86	cps
Lithium	6-1	6675262	6882700	6724049	6760670	1.60	cps
Magnesium	24-2	48475001	48606723	48766914	48616213	0.30	cps
Manganese	55-2	5688659	5755377	5710714	5718250	0.59	cps
Molybdenum	94-1	22907895	23012146	22963960	22961334	0.23	cps
Molybdenum	95-1	33189168	33612313	33054915	33285465	0.87	cps
Molybdenum	96-1	36267654	36336596	36409336	36337862	0.19	cps
Molybdenum	97-1	20295985	20231904	20554278	20360722	0.84	cps
Molybdenum	98-1	53587734	53503741	53472106	53521194	0.11	cps
Neodymium	150-1	850	993	927	923	7.77	cps
Neodymium	150-2	53	43	37	44	18.87	cps
Nickel	60-2	605734	604347	603878	604653	0.16	cps
Phosphorus	31-2	24164	23940	23890	23998	0.61	cps
Potassium	39-2	13903788	13912131	13602527	13806149	1.28	cps
Rhodium	103-1	9248439	9623810	9759766	9544005	2.77	cps
Rhodium	103-2	3748803	3653378	3660292	3687491	1.44	cps
Scandium	45-1	8131810	8570254	8565763	8422609	2.99	cps
Scandium	45-2	153271	149612	149909	150931	1.35	cps
Selenium	82-1	95819	93568	94661	94683	1.19	cps
Selenium	77-2	1567	1487	1463	1506	3.60	cps
Selenium	78-2	5208	5088	5304	5200	2.09	cps
Silicon	28-1	18769918	18540318	18810305	18706847	0.78	cps
Silver	107-1	7809990	7840752	7774951	7808564	0.42	cps
Silver	109-1	7367182	7451944	7367947	7395691	0.66	cps
Sodium	23-2	97404139	97650229	97822789	97625719	0.22	cps
Strontium	86-1	2376646	2364423	2397572	2379547	0.70	cps
Strontium	88-1	19894767	19944163	20326059	20054997	1.18	cps
Sulfur	34-1	1010928	1010106	1010268	1010434	0.04	cps
Terbium	159-1	14780807	15660449	15787105	15409454	3.56	cps
Terbium	159-2	4982916	4906363	4984869	4958049	0.90	cps
Thallium	203-1	6458249	6610297	6448300	6505615	1.40	cps
Thallium	205-1	15368430	15504763	15281121	15384771	0.73	cps
Tin	118-1	5894275	5851631	5842508	5862805	0.47	cps
Titanium	47-1	10516914	10485490	10356347	10452917	0.81	cps
Uranium	238-1	21100961	20871426	21263328	21078571	0.93	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV003 Instrumnet Name : P8
Client Sample ID : CCV003 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:10:51 DataFile Name : 055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1010908	1010801	1011327	1011012	0.03	cps
Ytterbium	172-1	477	447	403	442	8.34	cps
Ytterbium	172-2	167	140	187	164	14.24	cps
Ytterbium	176-1	31190	32052	31424	31555	1.41	cps
Ytterbium	176-2	9704	10341	9934	9993	3.23	cps
Yttrium	89-1	20245931	21116422	21613995	20992116	3.30	cps
Yttrium	89-2	1550964	1486581	1558598	1532047	2.58	cps
Zinc	66-2	1872152	1830834	1852010	1851665	1.12	cps
Zirconium	90-1	11526272	11722816	11598734	11615941	0.86	cps
Zirconium	91-1	2636807	2624705	2558977	2606830	1.61	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB003 Instrumnet Name : P8
Client Sample ID : CCB003 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:13:37 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143	140	167	150	9.69	cps
Antimony	121-1	1867	1777	1417	1687	14.12	cps
Arsenic	75-2	13	17	17	16	12.40	cps
Barium	135-1	1623	1410	1273	1436	12.29	cps
Barium	137-1	2650	2604	2127	2460	11.77	cps
Beryllium	9-1	1279	1061	1139	1159	9.51	cps
Bismuth	209-1	9898896	10017570	9960207	9958891	0.60	cps
Bismuth	209-2	4021675	4012884	4528238	4187599	7.05	cps
Bromine	81-1	6505	6318	6198	6340	2.44	cps
Cadmium	108-1	53	73	43	57	26.96	cps
Cadmium	106-1	6725	7439	6802	6989	5.61	cps
Cadmium	111-1	1531	1586	1463	1527	4.04	cps
Calcium	43-1	1203	1023	1030	1086	9.40	cps
Calcium	44-1	19881	17174	15245	17433	13.36	cps
Carbon	12-1	2716540	2632765	2608284	2652530	2.14	cps
Carbon	12-2	16466	16059	16456	16327	1.42	cps
Chlorine	35-1	76099	75991	75777	75955	0.22	cps
Chlorine	35-2	273	333	273	293	11.81	cps
Chromium	52-2	1783	1753	1770	1769	0.85	cps
Cobalt	59-2	273	313	293	293	6.82	cps
Copper	63-2	3424	3530	3561	3505	2.05	cps
Dysprosium	156-1	57	33	67	52	32.76	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	70	93	73	79	16.00	cps
Erbium	164-2	33	30	17	27	33.06	cps
Gadolinium	160-1	30	67	37	44	43.95	cps
Gadolinium	160-2	7	13	27	16	65.47	cps
Holmium	165-1	15914121	16396561	15989551	16100078	1.61	cps
Holmium	165-2	5515659	5609975	6356468	5827368	7.90	cps
Indium	115-1	12292043	12922274	12741331	12651883	2.56	cps
Indium	115-2	1195653	1205350	1442198	1281067	10.90	cps
Iron	54-2	947	917	880	914	3.65	cps
Iron	56-2	15038	15325	15852	15405	2.68	cps
Iron	57-2	413	397	417	409	2.62	cps
Krypton	83-1	157	183	160	167	8.72	cps
Lead	206-1	4854	4421	3654	4310	14.11	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB003 Instrumnet Name : P8
Client Sample ID : CCB003 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:13:37 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4357	4037	3420	3938	12.09	cps
Lead	208-1	19980	18215	15794	17996	11.68	cps
Lithium	6-1	7593166	7759965	7807229	7720120	1.46	cps
Magnesium	24-2	1653	1557	1740	1650	5.56	cps
Manganese	55-2	570	623	590	594	4.53	cps
Molybdenum	94-1	2427	1787	1583	1932	22.78	cps
Molybdenum	95-1	2937	2487	2044	2489	17.95	cps
Molybdenum	96-1	3534	2770	2094	2799	25.74	cps
Molybdenum	97-1	1863	1460	1253	1526	20.34	cps
Molybdenum	98-1	4791	4044	3360	4065	17.60	cps
Neodymium	150-1	43	33	27	34	24.35	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1437	1523	1617	1526	5.90	cps
Phosphorus	31-2	23	43	13	27	57.29	cps
Potassium	39-2	7485	7465	7529	7493	0.43	cps
Rhodium	103-1	11395153	11831784	11626416	11617784	1.88	cps
Rhodium	103-2	4506045	4404108	5046269	4652141	7.42	cps
Scandium	45-1	8969934	9322135	9402162	9231410	2.49	cps
Scandium	45-2	158627	157742	183027	166465	8.62	cps
Selenium	82-1	43	-10	-33	0	0.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	0	3	2	86.60	cps
Silicon	28-1	404518	403607	396790	401638	1.05	cps
Silver	107-1	1560	1227	1007	1265	22.03	cps
Silver	109-1	1223	1077	863	1054	17.17	cps
Sodium	23-2	30134	29617	28865	29539	2.16	cps
Strontium	86-1	453	403	340	399	14.24	cps
Strontium	88-1	1583	1060	877	1173	31.26	cps
Sulfur	34-1	381890	384118	383653	383220	0.31	cps
Terbium	159-1	16261378	16301686	16462304	16341789	0.65	cps
Terbium	159-2	5348198	5309164	6062227	5573196	7.61	cps
Thallium	203-1	1213	1120	1000	1111	9.63	cps
Thallium	205-1	2874	2614	2320	2603	10.64	cps
Tin	118-1	6676	6009	4421	5702	20.31	cps
Titanium	47-1	743	543	440	576	26.79	cps
Uranium	238-1	1370	987	633	997	36.97	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB003 Instrumnet Name : P8
Client Sample ID : CCB003 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:13:37 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	37	43	32	43.06	cps
Ytterbium	172-1	83	77	107	89	17.72	cps
Ytterbium	172-2	30	27	30	29	6.65	cps
Ytterbium	176-1	2017	2094	1933	2015	3.97	cps
Ytterbium	176-2	247	283	350	293	17.86	cps
Yttrium	89-1	22393007	23000099	23014606	22802571	1.56	cps
Yttrium	89-2	1617774	1627514	1870992	1705426	8.41	cps
Zinc	66-2	500	493	523	506	3.12	cps
Zirconium	90-1	1697	1437	1313	1482	13.20	cps
Zirconium	91-1	423	377	300	367	16.98	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166137BL Instrumnet Name : P8
Client Sample ID : PBW137 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:27:08 DataFile Name : 057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113	87	73	91	22.35	cps
Antimony	121-1	307	300	347	318	7.94	cps
Arsenic	75-2	3	3	10	6	69.34	cps
Barium	135-1	403	523	400	442	15.89	cps
Barium	137-1	753	637	777	722	10.39	cps
Beryllium	9-1	511	521	499	510	2.21	cps
Bismuth	209-1	9790423	10101202	9823004	9904876	1.72	cps
Bismuth	209-2	3868813	3772740	3743370	3794974	1.73	cps
Bromine	81-1	5968	6008	5955	5977	0.46	cps
Cadmium	108-1	57	20	50	42	46.26	cps
Cadmium	106-1	6748	6958	6468	6725	3.66	cps
Cadmium	111-1	1360	1418	1292	1357	4.64	cps
Calcium	43-1	623	607	607	612	1.57	cps
Calcium	44-1	10481	10147	10287	10305	1.63	cps
Carbon	12-1	2737478	2693496	2723073	2718016	0.82	cps
Carbon	12-2	17270	17354	17567	17397	0.88	cps
Chlorine	35-1	67329	67888	67205	67474	0.54	cps
Chlorine	35-2	217	190	253	220	14.45	cps
Chromium	52-2	1743	1643	1663	1683	3.14	cps
Cobalt	59-2	177	210	177	188	10.25	cps
Copper	63-2	2427	2477	2524	2476	1.95	cps
Dysprosium	156-1	37	53	57	49	21.91	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	63	83	67	71	15.07	cps
Erbium	164-2	30	30	27	29	6.65	cps
Gadolinium	160-1	40	63	37	47	31.13	cps
Gadolinium	160-2	10	27	10	16	61.87	cps
Holmium	165-1	15771454	16079746	15856745	15902648	1.00	cps
Holmium	165-2	5307059	5266477	5253085	5275541	0.53	cps
Indium	115-1	12095830	12539886	12249271	12294996	1.83	cps
Indium	115-2	1135718	1130315	1128886	1131640	0.32	cps
Iron	54-2	510	610	577	566	9.00	cps
Iron	56-2	8523	8306	8359	8396	1.35	cps
Iron	57-2	203	193	247	214	13.22	cps
Krypton	83-1	110	153	150	138	17.50	cps
Lead	206-1	1967	1783	1903	1885	4.94	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166137BL Instrumnet Name : P8
Client Sample ID : PBW137 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:27:08 DataFile Name : 057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1703	1627	1710	1680	2.76	cps
Lead	208-1	7838	7338	7514	7563	3.35	cps
Lithium	6-1	7720757	7917625	7680212	7772865	1.63	cps
Magnesium	24-2	453	453	387	431	8.93	cps
Manganese	55-2	350	373	443	389	12.49	cps
Molybdenum	94-1	600	577	570	582	2.71	cps
Molybdenum	95-1	617	570	560	582	5.20	cps
Molybdenum	96-1	747	747	587	693	13.32	cps
Molybdenum	97-1	303	287	297	296	2.84	cps
Molybdenum	98-1	910	877	940	909	3.49	cps
Neodymium	150-1	23	20	23	22	8.65	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1403	1467	1363	1411	3.69	cps
Phosphorus	31-2	33	37	53	41	26.06	cps
Potassium	39-2	6425	6522	6278	6408	1.91	cps
Rhodium	103-1	11291122	11515016	11388757	11398298	0.98	cps
Rhodium	103-2	4209127	4232283	4161764	4201058	0.86	cps
Scandium	45-1	9081960	9340465	9115096	9179173	1.53	cps
Scandium	45-2	152759	151937	151748	152148	0.35	cps
Selenium	82-1	37	7	33	26	64.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	3	3	6	69.34	cps
Silicon	28-1	372052	370721	367996	370257	0.56	cps
Silver	107-1	197	183	213	198	7.60	cps
Silver	109-1	90	130	133	118	20.48	cps
Sodium	23-2	21876	21566	21332	21592	1.26	cps
Strontium	86-1	323	300	267	297	9.60	cps
Strontium	88-1	490	463	577	510	11.62	cps
Sulfur	34-1	392761	388851	386249	389287	0.84	cps
Terbium	159-1	16062338	16373219	16125130	16186896	1.02	cps
Terbium	159-2	5081458	5047991	4981529	5036993	1.01	cps
Thallium	203-1	470	503	480	484	3.53	cps
Thallium	205-1	1227	1190	1013	1143	9.98	cps
Tin	118-1	995	1039	1066	1033	3.46	cps
Titanium	47-1	140	157	120	139	13.22	cps
Uranium	238-1	37	40	47	41	12.39	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166137BL Instrumnet Name : P8
Client Sample ID : PBW137 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:27:08 DataFile Name : 057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	3	3	4	43.40	cps
Ytterbium	172-1	73	103	77	84	19.47	cps
Ytterbium	172-2	33	20	20	24	31.49	cps
Ytterbium	176-1	1770	1813	1997	1860	6.47	cps
Ytterbium	176-2	233	263	287	261	10.24	cps
Yttrium	89-1	22124675	22703444	22328041	22385387	1.31	cps
Yttrium	89-2	1522880	1539198	1501465	1521181	1.24	cps
Zinc	66-2	337	400	367	368	8.62	cps
Zirconium	90-1	687	850	767	768	10.64	cps
Zirconium	91-1	120	203	190	171	26.16	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166137BS Instrumnet Name : P8
Client Sample ID : LCS137 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:30:30 DataFile Name : 058LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2304	2164	2337	2268	4.06	cps
Antimony	121-1	48659	47797	48881	48446	1.18	cps
Arsenic	75-2	427	500	440	456	8.57	cps
Barium	135-1	60595	61643	61947	61395	1.16	cps
Barium	137-1	107160	107909	109552	108207	1.13	cps
Beryllium	9-1	9950	10032	9897	9960	0.68	cps
Bismuth	209-1	9659162	9751647	9723737	9711515	0.49	cps
Bismuth	209-2	3796177	3824127	3883005	3834436	1.16	cps
Bromine	81-1	5845	5735	5955	5845	1.88	cps
Cadmium	108-1	607	560	563	577	4.51	cps
Cadmium	106-1	7315	7405	7399	7373	0.68	cps
Cadmium	111-1	7243	7367	7390	7334	1.08	cps
Calcium	43-1	48027	48073	48608	48236	0.67	cps
Calcium	44-1	770770	779837	778478	776362	0.63	cps
Carbon	12-1	2957310	2995221	2941915	2964816	0.93	cps
Carbon	12-2	18695	19433	18799	18976	2.10	cps
Chlorine	35-1	1103501	1254092	1361711	1239768	10.46	cps
Chlorine	35-2	5151	5221	5348	5240	1.90	cps
Chromium	52-2	11485	11902	11792	11726	1.84	cps
Cobalt	59-2	10010	9810	9833	9885	1.11	cps
Copper	63-2	18699	19170	19330	19066	1.72	cps
Dysprosium	156-1	60	33	50	48	28.20	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	70	93	80	81	14.43	cps
Erbium	164-2	27	27	23	26	7.55	cps
Gadolinium	160-1	43	43	57	48	16.12	cps
Gadolinium	160-2	30	7	13	17	72.11	cps
Holmium	165-1	15350925	15873311	15555909	15593382	1.69	cps
Holmium	165-2	5203655	5262450	5399861	5288656	1.90	cps
Indium	115-1	12209323	12114334	12408786	12244148	1.23	cps
Indium	115-2	1149804	1143980	1162643	1152142	0.83	cps
Iron	54-2	45693	44081	44121	44632	2.06	cps
Iron	56-2	812878	815319	809116	812437	0.38	cps
Iron	57-2	20465	20091	20288	20281	0.92	cps
Krypton	83-1	147	133	160	147	9.09	cps
Lead	206-1	22273	22887	22707	22622	1.40	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166137BS Instrumnet Name : P8
Client Sample ID : LCS137 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:30:30 DataFile Name : 058LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	20012	19952	20279	20081	0.87	cps
Lead	208-1	89607	91574	92216	91132	1.49	cps
Lithium	6-1	7516511	7734237	7707589	7652779	1.55	cps
Magnesium	24-2	183894	186236	184802	184977	0.64	cps
Manganese	55-2	2690	2534	2690	2638	3.43	cps
Molybdenum	94-1	51705	52512	52324	52181	0.81	cps
Molybdenum	95-1	62570	63407	62834	62937	0.68	cps
Molybdenum	96-1	69469	69838	68785	69364	0.77	cps
Molybdenum	97-1	38480	39312	38918	38903	1.07	cps
Molybdenum	98-1	101545	100823	101508	101292	0.40	cps
Neodymium	150-1	37	40	30	36	14.32	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	4191	4254	4181	4208	0.95	cps
Phosphorus	31-2	130	193	163	162	19.53	cps
Potassium	39-2	112887	112796	112789	112824	0.05	cps
Rhodium	103-1	11080800	11361264	11400888	11280984	1.55	cps
Rhodium	103-2	4264523	4194845	4259658	4239675	0.92	cps
Scandium	45-1	8890372	9138043	9051280	9026565	1.39	cps
Scandium	45-2	153048	153344	155969	154121	1.04	cps
Selenium	82-1	1960	1857	1980	1932	3.43	cps
Selenium	77-2	23	17	23	21	18.21	cps
Selenium	78-2	123	123	107	118	8.17	cps
Silicon	28-1	626512	632648	629959	629706	0.49	cps
Silver	107-1	30814	31529	31994	31446	1.89	cps
Silver	109-1	29562	30096	30524	30061	1.60	cps
Sodium	23-2	397483	395358	397439	396760	0.31	cps
Strontium	86-1	8726	9026	8766	8840	1.84	cps
Strontium	88-1	73800	72812	72755	73122	0.80	cps
Sulfur	34-1	396484	394569	395886	395646	0.25	cps
Terbium	159-1	15755173	15991929	16164115	15970406	1.29	cps
Terbium	159-2	5060107	5117006	5181369	5119494	1.19	cps
Thallium	203-1	25859	26541	26510	26303	1.46	cps
Thallium	205-1	61987	63307	63571	62955	1.35	cps
Tin	118-1	103698	105395	105434	104842	0.95	cps
Titanium	47-1	21750	22100	23242	22364	3.49	cps
Uranium	238-1	79940	79591	80932	80155	0.87	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : PB166137BS Instrumnet Name : P8
Client Sample ID : LCS137 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:30:30 DataFile Name : 058LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20111	19941	19964	20005	0.46	cps
Ytterbium	172-1	90	100	90	93	6.19	cps
Ytterbium	172-2	33	43	40	39	13.09	cps
Ytterbium	176-1	2130	2094	2134	2119	1.05	cps
Ytterbium	176-2	257	297	347	300	15.03	cps
Yttrium	89-1	22046205	22264014	22199063	22169761	0.50	cps
Yttrium	89-2	1551207	1545325	1542305	1546279	0.29	cps
Zinc	66-2	4417	4214	4447	4360	2.91	cps
Zirconium	90-1	44327	43895	44206	44143	0.50	cps
Zirconium	91-1	9603	9597	9830	9677	1.37	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-01 Instrumnet Name : P8
Client Sample ID : MJNLB3 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:33:55 DataFile Name : 059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	280	220	247	12.39	cps
Antimony	121-1	890	923	890	901	2.14	cps
Arsenic	75-2	10	20	3	11	75.52	cps
Barium	135-1	387	440	443	423	7.51	cps
Barium	137-1	830	863	837	843	2.09	cps
Beryllium	9-1	454	461	459	458	0.83	cps
Bismuth	209-1	9747835	9727255	9775315	9750135	0.25	cps
Bismuth	209-2	3828523	3844962	3787760	3820415	0.77	cps
Bromine	81-1	6572	7222	7322	7039	5.79	cps
Cadmium	108-1	37	50	63	50	26.66	cps
Cadmium	106-1	6605	6605	6578	6596	0.23	cps
Cadmium	111-1	1399	1359	1335	1364	2.37	cps
Calcium	43-1	873	1067	1097	1012	11.98	cps
Calcium	44-1	17487	17701	17598	17595	0.61	cps
Carbon	12-1	4653209	5617183	6243073	5504488	14.55	cps
Carbon	12-2	44868	45754	46901	45841	2.22	cps
Chlorine	35-1	184807	172441	163191	173480	6.25	cps
Chlorine	35-2	527	510	620	552	10.74	cps
Chromium	52-2	610	657	633	633	3.68	cps
Cobalt	59-2	253	260	263	259	1.97	cps
Copper	63-2	2550	2637	2694	2627	2.75	cps
Dysprosium	156-1	47	70	40	52	30.16	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	73	93	77	81	13.21	cps
Erbium	164-2	30	13	30	24	39.37	cps
Gadolinium	160-1	70	50	47	56	22.71	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	15859078	15525825	15547516	15644139	1.19	cps
Holmium	165-2	5258553	5308925	5365134	5310871	1.00	cps
Indium	115-1	12243042	12330228	12361759	12311676	0.50	cps
Indium	115-2	1139903	1141074	1143455	1141477	0.16	cps
Iron	54-2	1250	1400	1397	1349	6.35	cps
Iron	56-2	21807	22100	22181	22029	0.89	cps
Iron	57-2	617	523	567	569	8.21	cps
Krypton	83-1	147	137	123	136	8.63	cps
Lead	206-1	2334	2220	2274	2276	2.49	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-01 Instrumnet Name : P8
Client Sample ID : MJNLB3 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:33:55 DataFile Name : 059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2010	2140	2010	2054	3.66	cps
Lead	208-1	9128	9158	9058	9115	0.56	cps
Lithium	6-1	7708174	7644352	7706358	7686295	0.47	cps
Magnesium	24-2	650	663	677	663	2.01	cps
Manganese	55-2	6225	6108	6538	6290	3.54	cps
Molybdenum	94-1	473	480	470	474	1.07	cps
Molybdenum	95-1	337	330	293	320	7.29	cps
Molybdenum	96-1	470	437	423	443	5.42	cps
Molybdenum	97-1	210	203	167	193	12.07	cps
Molybdenum	98-1	483	497	507	496	2.36	cps
Neodymium	150-1	40	20	43	34	36.64	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1513	1423	1337	1425	6.20	cps
Phosphorus	31-2	33	37	47	39	17.85	cps
Potassium	39-2	6241	6388	6395	6341	1.37	cps
Rhodium	103-1	11198109	11190810	11172458	11187126	0.12	cps
Rhodium	103-2	4163427	4223217	4203211	4196618	0.73	cps
Scandium	45-1	9131320	9034087	9004839	9056749	0.73	cps
Scandium	45-2	151535	155227	152926	153230	1.22	cps
Selenium	82-1	-3	20	-7	3	435.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	7	3	4	43.40	cps
Silicon	28-1	1779202	1621034	1635027	1678421	5.22	cps
Silver	107-1	377	333	370	360	6.48	cps
Silver	109-1	237	250	190	226	13.97	cps
Sodium	23-2	32486	32810	33542	32946	1.64	cps
Strontium	86-1	370	397	393	387	3.76	cps
Strontium	88-1	1290	1337	1370	1332	3.02	cps
Sulfur	34-1	398709	399639	394969	397772	0.62	cps
Terbium	159-1	15818383	16011530	15804004	15877972	0.73	cps
Terbium	159-2	5110017	5127317	5114123	5117153	0.18	cps
Thallium	203-1	470	430	490	463	6.59	cps
Thallium	205-1	1213	1157	940	1103	13.08	cps
Tin	118-1	1931	1861	1995	1929	3.45	cps
Titanium	47-1	283	230	247	253	10.77	cps
Uranium	238-1	53	47	70	57	21.21	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-01 Instrumnet Name : P8
Client Sample ID : MJNLB3 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:33:55 DataFile Name : 059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	20	23	20	16.65	cps
Ytterbium	172-1	60	93	117	90	31.65	cps
Ytterbium	172-2	47	17	30	31	48.31	cps
Ytterbium	176-1	1900	1853	1903	1886	1.48	cps
Ytterbium	176-2	257	280	290	276	6.21	cps
Yttrium	89-1	22237073	22188801	22037259	22154378	0.47	cps
Yttrium	89-2	1546076	1549701	1516589	1537455	1.18	cps
Zinc	66-2	420	497	520	479	10.93	cps
Zirconium	90-1	733	913	873	840	11.25	cps
Zirconium	91-1	180	193	143	172	15.03	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-02 Instrumnet Name : P8
Client Sample ID : MJNLB5 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:37:15 DataFile Name : 060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100212	100608	99809	100210	0.40	cps
Antimony	121-1	24532	24659	24449	24547	0.43	cps
Arsenic	75-2	3110	2957	2837	2968	4.62	cps
Barium	135-1	25748	26272	25851	25957	1.07	cps
Barium	137-1	45473	44306	45202	44994	1.36	cps
Beryllium	9-1	589	575	610	591	2.98	cps
Bismuth	209-1	7851910	7988703	7944493	7928369	0.88	cps
Bismuth	209-2	3063978	3038629	3018838	3040482	0.74	cps
Bromine	81-1	2333842	2731588	2921971	2662467	11.27	cps
Cadmium	108-1	167	150	133	150	11.11	cps
Cadmium	106-1	6555	6245	6261	6354	2.75	cps
Cadmium	111-1	1508	1424	1469	1467	2.86	cps
Calcium	43-1	1681740	1692720	1708766	1694409	0.80	cps
Calcium	44-1	27100998	27278682	27395929	27258536	0.54	cps
Carbon	12-1	8896511	9713253	10140545	9583437	6.60	cps
Carbon	12-2	68542	69235	68030	68602	0.88	cps
Chlorine	35-1	85257215	89644609	91792882	88898235	3.75	cps
Chlorine	35-2	351410	359924	352666	354667	1.30	cps
Chromium	52-2	7836	7495	7402	7578	3.01	cps
Cobalt	59-2	3147	3287	3404	3279	3.92	cps
Copper	63-2	351899	352094	352697	352230	0.12	cps
Dysprosium	156-1	3764	3641	3711	3705	1.67	cps
Dysprosium	156-2	1183	1283	1230	1232	4.06	cps
Erbium	164-1	3667	3567	3674	3636	1.64	cps
Erbium	164-2	1167	1200	1353	1240	8.03	cps
Gadolinium	160-1	3767	3831	3994	3864	3.03	cps
Gadolinium	160-2	1373	1593	1580	1516	8.14	cps
Holmium	165-1	14288869	14331534	14264773	14295059	0.24	cps
Holmium	165-2	4755442	4807735	4724686	4762621	0.88	cps
Indium	115-1	10408708	10516264	10498883	10474618	0.55	cps
Indium	115-2	986855	981916	977048	981939	0.50	cps
Iron	54-2	143000	141115	140011	141375	1.07	cps
Iron	56-2	2756706	2756595	2735246	2749516	0.45	cps
Iron	57-2	65466	66213	65623	65767	0.60	cps
Krypton	83-1	163	167	173	168	3.03	cps
Lead	206-1	33667	33587	34061	33772	0.75	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-02 Instrumnet Name : P8
Client Sample ID : MJNLB5 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:37:15 DataFile Name : 060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	27863	28668	28037	28190	1.50	cps
Lead	208-1	131635	132585	132676	132299	0.44	cps
Lithium	6-1	6357897	6513595	6591846	6487780	1.84	cps
Magnesium	24-2	15744106	15821936	15616037	15727359	0.66	cps
Manganese	55-2	56699	55725	54560	55661	1.92	cps
Molybdenum	94-1	30821	31663	31413	31299	1.38	cps
Molybdenum	95-1	29097	29177	29384	29220	0.51	cps
Molybdenum	96-1	33200	33073	32999	33090	0.31	cps
Molybdenum	97-1	17501	17865	17848	17738	1.16	cps
Molybdenum	98-1	46929	45835	46030	46265	1.26	cps
Neodymium	150-1	5505	5161	5174	5280	3.69	cps
Neodymium	150-2	1407	1263	1177	1282	9.06	cps
Nickel	60-2	5775	6015	5775	5855	2.37	cps
Phosphorus	31-2	477	467	533	492	7.30	cps
Potassium	39-2	4086497	4115574	4016787	4072953	1.25	cps
Rhodium	103-1	9250612	9027534	9027221	9101789	1.42	cps
Rhodium	103-2	3414570	3433543	3388595	3412236	0.66	cps
Scandium	45-1	8294009	8099993	8141774	8178592	1.25	cps
Scandium	45-2	137156	139795	135882	137611	1.45	cps
Selenium	82-1	1187	1447	1343	1326	9.88	cps
Selenium	77-2	7	20	7	11	69.25	cps
Selenium	78-2	20	23	13	19	26.96	cps
Silicon	28-1	145054728	146933038	145476785	145821517	0.68	cps
Silver	107-1	1820	1587	1667	1691	7.01	cps
Silver	109-1	1660	1387	1373	1473	10.98	cps
Sodium	23-2	327742062	326153975	326516362	326804133	0.25	cps
Strontium	86-1	2293002	2256871	2269742	2273205	0.81	cps
Strontium	88-1	19027728	19188013	19147445	19121062	0.44	cps
Sulfur	34-1	5366228	5444459	5383283	5397990	0.76	cps
Terbium	159-1	14772919	14534061	14334023	14547001	1.51	cps
Terbium	159-2	4595864	4613583	4579824	4596424	0.37	cps
Thallium	203-1	3204	3117	2994	3105	3.40	cps
Thallium	205-1	7426	7309	7416	7383	0.88	cps
Tin	118-1	4268	3977	4236	4161	3.84	cps
Titanium	47-1	159899	157206	157239	158115	0.98	cps
Uranium	238-1	18814	18984	18831	18876	0.50	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-02 Instrumnet Name : P8
Client Sample ID : MJNLB5 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:37:15 DataFile Name : 060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	32430	32661	31992	32361	1.05	cps
Ytterbium	172-1	1330	1320	1380	1343	2.39	cps
Ytterbium	172-2	493	597	553	548	9.47	cps
Ytterbium	176-1	2754	2677	2704	2711	1.44	cps
Ytterbium	176-2	533	633	623	597	9.23	cps
Yttrium	89-1	20153351	19763557	19908159	19941689	0.99	cps
Yttrium	89-2	1315880	1313104	1303288	1310757	0.50	cps
Zinc	66-2	3410	3500	3657	3523	3.54	cps
Zirconium	90-1	40763	40360	40375	40499	0.56	cps
Zirconium	91-1	8966	9000	8763	8910	1.44	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-03 Instrumnet Name : P8
Client Sample ID : MJNLB5D Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:40:29 DataFile Name : 061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100179	99735	100877	100264	0.57	cps
Antimony	121-1	23704	23477	24439	23873	2.11	cps
Arsenic	75-2	2840	2830	2804	2825	0.67	cps
Barium	135-1	25821	25708	24990	25506	1.77	cps
Barium	137-1	44356	44513	44490	44453	0.19	cps
Beryllium	9-1	617	647	726	664	8.46	cps
Bismuth	209-1	7870791	7721450	7787941	7793394	0.96	cps
Bismuth	209-2	3096028	3077342	3070167	3081179	0.43	cps
Bromine	81-1	2588251	2918312	3088716	2865093	8.88	cps
Cadmium	108-1	123	113	123	120	4.81	cps
Cadmium	106-1	6188	6302	6211	6234	0.96	cps
Cadmium	111-1	1398	1471	1406	1425	2.81	cps
Calcium	43-1	1684973	1667109	1667317	1673133	0.61	cps
Calcium	44-1	26531690	26654351	26754166	26646736	0.42	cps
Carbon	12-1	8897965	9677035	10174327	9583109	6.71	cps
Carbon	12-2	68495	69252	69470	69072	0.74	cps
Chlorine	35-1	87541595	92445172	93990419	91325729	3.69	cps
Chlorine	35-2	361431	366589	366661	364894	0.82	cps
Chromium	52-2	7442	7722	7182	7449	3.63	cps
Cobalt	59-2	3017	2964	3434	3138	8.20	cps
Copper	63-2	351719	350770	348380	350290	0.49	cps
Dysprosium	156-1	3791	3667	3771	3743	1.77	cps
Dysprosium	156-2	1290	1267	1157	1238	5.75	cps
Erbium	164-1	3414	3744	3734	3631	5.17	cps
Erbium	164-2	1233	1257	1063	1185	8.91	cps
Gadolinium	160-1	3811	3807	3927	3848	1.78	cps
Gadolinium	160-2	1380	1463	1540	1461	5.48	cps
Holmium	165-1	14047759	14130811	14061773	14080114	0.32	cps
Holmium	165-2	4819815	4812667	4738429	4790304	0.94	cps
Indium	115-1	10060583	10488459	10132208	10227083	2.24	cps
Indium	115-2	981908	981596	978890	980798	0.17	cps
Iron	54-2	139970	141870	140563	140801	0.69	cps
Iron	56-2	2746191	2682781	2706775	2711916	1.18	cps
Iron	57-2	66474	65459	65798	65910	0.78	cps
Krypton	83-1	200	227	177	201	12.44	cps
Lead	206-1	31842	31769	32557	32056	1.36	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-03 Instrumnet Name : P8
Client Sample ID : MJNLB5D Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:40:29 DataFile Name : 061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	27209	27533	27636	27459	0.81	cps
Lead	208-1	126090	126756	127440	126762	0.53	cps
Lithium	6-1	6423607	6406799	6368549	6399652	0.44	cps
Magnesium	24-2	15754403	15712155	15660871	15709143	0.30	cps
Manganese	55-2	27680	27690	27406	27592	0.58	cps
Molybdenum	94-1	30921	30453	30978	30784	0.94	cps
Molybdenum	95-1	29141	29257	29715	29371	1.03	cps
Molybdenum	96-1	33003	32662	33129	32931	0.73	cps
Molybdenum	97-1	17615	17591	17955	17720	1.15	cps
Molybdenum	98-1	45484	45447	45501	45478	0.06	cps
Neodymium	150-1	5298	5091	5114	5168	2.19	cps
Neodymium	150-2	1310	1273	1193	1259	4.74	cps
Nickel	60-2	5968	5925	5581	5825	3.64	cps
Phosphorus	31-2	470	500	540	503	6.98	cps
Potassium	39-2	4059048	4074725	4067622	4067132	0.19	cps
Rhodium	103-1	8907063	9002126	8990343	8966510	0.58	cps
Rhodium	103-2	3409774	3358298	3383415	3383829	0.76	cps
Scandium	45-1	8006746	8041202	8047798	8031915	0.27	cps
Scandium	45-2	135178	136396	135878	135818	0.45	cps
Selenium	82-1	1147	1507	1540	1398	15.60	cps
Selenium	77-2	13	10	10	11	17.30	cps
Selenium	78-2	23	33	33	30	19.25	cps
Silicon	28-1	141340801	143383915	142770855	142498523	0.74	cps
Silver	107-1	1103	1197	1197	1166	4.62	cps
Silver	109-1	943	1087	1000	1010	7.15	cps
Sodium	23-2	324128562	328140115	318312742	323527140	1.53	cps
Strontium	86-1	2287014	2277581	2213885	2259493	1.76	cps
Strontium	88-1	18987428	18973026	18790330	18916928	0.58	cps
Sulfur	34-1	5309395	5331580	5263329	5301435	0.66	cps
Terbium	159-1	14293153	14236888	14264394	14264812	0.20	cps
Terbium	159-2	4502121	4523873	4551903	4525966	0.55	cps
Thallium	203-1	1867	2234	2297	2132	10.89	cps
Thallium	205-1	4504	5044	5848	5132	13.18	cps
Tin	118-1	3904	3908	4110	3974	2.96	cps
Titanium	47-1	152955	154159	155211	154108	0.73	cps
Uranium	238-1	18547	18660	18938	18715	1.07	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-03 Instrumnet Name : P8
Client Sample ID : MJNLB5D Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:40:29 DataFile Name : 061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	32266	31762	32029	32019	0.79	cps
Ytterbium	172-1	1280	1360	1420	1353	5.19	cps
Ytterbium	172-2	500	517	583	533	8.27	cps
Ytterbium	176-1	2590	2754	2734	2693	3.31	cps
Ytterbium	176-2	583	687	630	633	8.17	cps
Yttrium	89-1	19662655	19559613	19620928	19614399	0.26	cps
Yttrium	89-2	1311307	1311939	1304200	1309149	0.33	cps
Zinc	66-2	3190	3187	3080	3153	1.98	cps
Zirconium	90-1	41343	39011	39101	39819	3.32	cps
Zirconium	91-1	9110	9150	8820	9026	2.00	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-02LX5 Instrumnet Name : P8
Client Sample ID : MJNLB5L Dilution Factor : 5
Date & Time Acquired : 2025-01-21 17:43:41 DataFile Name : 062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21129	21359	21650	21379	1.22	cps
Antimony	121-1	5198	5334	4974	5169	3.52	cps
Arsenic	75-2	747	523	627	632	17.68	cps
Barium	135-1	5758	5875	5788	5807	1.04	cps
Barium	137-1	10187	9383	9977	9849	4.23	cps
Beryllium	9-1	550	519	520	530	3.34	cps
Bismuth	209-1	8729854	8953914	8639402	8774390	1.85	cps
Bismuth	209-2	3498338	3439223	3457890	3465150	0.87	cps
Bromine	81-1	731366	763195	763492	752684	2.45	cps
Cadmium	108-1	40	37	40	39	4.94	cps
Cadmium	106-1	6181	6508	6378	6356	2.59	cps
Cadmium	111-1	1268	1373	1348	1330	4.10	cps
Calcium	43-1	339372	338985	339246	339201	0.06	cps
Calcium	44-1	5727699	5718447	5656333	5700826	0.68	cps
Carbon	12-1	4275118	4341251	4296823	4304397	0.78	cps
Carbon	12-2	28257	27659	28003	27973	1.07	cps
Chlorine	35-1	21117169	21829418	21934341	21626976	2.06	cps
Chlorine	35-2	81883	82111	80958	81651	0.75	cps
Chromium	52-2	2100	2204	2120	2141	2.56	cps
Cobalt	59-2	743	760	810	771	4.50	cps
Copper	63-2	81197	82149	82202	81849	0.69	cps
Dysprosium	156-1	710	963	830	834	15.19	cps
Dysprosium	156-2	263	270	240	258	6.11	cps
Erbium	164-1	790	770	873	811	6.76	cps
Erbium	164-2	273	230	247	250	8.74	cps
Gadolinium	160-1	813	843	863	840	3.00	cps
Gadolinium	160-2	333	410	303	349	15.77	cps
Holmium	165-1	14781705	15056902	14702841	14847149	1.25	cps
Holmium	165-2	5200349	5059540	5060297	5106729	1.59	cps
Indium	115-1	11201609	11184069	11082980	11156219	0.57	cps
Indium	115-2	1089293	1057161	1061232	1069229	1.64	cps
Iron	54-2	31080	30977	31294	31117	0.52	cps
Iron	56-2	569912	577499	570366	572592	0.74	cps
Iron	57-2	14397	14414	14387	14400	0.09	cps
Krypton	83-1	157	140	180	159	12.65	cps
Lead	206-1	8343	8283	8186	8270	0.96	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-02LX5 Instrumnet Name : P8
Client Sample ID : MJNLB5L Dilution Factor : 5
Date & Time Acquired : 2025-01-21 17:43:41 DataFile Name : 062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7089	7185	6942	7072	1.73	cps
Lead	208-1	32376	32716	32189	32427	0.82	cps
Lithium	6-1	6935462	6962036	7024135	6973878	0.65	cps
Magnesium	24-2	3399652	3413594	3468446	3427231	1.06	cps
Manganese	55-2	6118	6278	6168	6188	1.32	cps
Molybdenum	94-1	6802	6798	6965	6855	1.39	cps
Molybdenum	95-1	6498	6231	6398	6376	2.11	cps
Molybdenum	96-1	7269	6972	7135	7125	2.09	cps
Molybdenum	97-1	3904	3927	3987	3939	1.09	cps
Molybdenum	98-1	10314	9894	9720	9976	3.06	cps
Neodymium	150-1	1120	1103	1240	1155	6.46	cps
Neodymium	150-2	263	313	267	281	9.94	cps
Nickel	60-2	2110	2100	2024	2078	2.28	cps
Phosphorus	31-2	147	153	87	129	28.49	cps
Potassium	39-2	821946	829809	824318	825358	0.49	cps
Rhodium	103-1	9984651	10138438	10056374	10059821	0.76	cps
Rhodium	103-2	3913540	3784142	3815069	3837583	1.76	cps
Scandium	45-1	8242614	8499224	8248663	8330167	1.76	cps
Scandium	45-2	148185	140667	143100	143984	2.66	cps
Selenium	82-1	440	393	357	397	10.53	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	13	10	7	10	33.30	cps
Silicon	28-1	30779935	31015274	30623995	30806401	0.64	cps
Silver	107-1	533	437	543	504	11.68	cps
Silver	109-1	357	347	360	354	1.96	cps
Sodium	23-2	69380052	69035912	69159251	69191738	0.25	cps
Strontium	86-1	451249	447940	449600	449596	0.37	cps
Strontium	88-1	4109231	4056398	4092359	4085996	0.66	cps
Sulfur	34-1	1442511	1438364	1435767	1438881	0.24	cps
Terbium	159-1	14937490	15351128	15080283	15122967	1.39	cps
Terbium	159-2	4937295	4815577	4960908	4904593	1.59	cps
Thallium	203-1	1317	1223	1053	1198	11.15	cps
Thallium	205-1	2690	2694	2534	2639	3.46	cps
Tin	118-1	1503	1673	1531	1569	5.80	cps
Titanium	47-1	32036	32226	32393	32218	0.56	cps
Uranium	238-1	4131	3904	3957	3997	2.97	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-02LX5 Instrumnet Name : P8
Client Sample ID : MJNLB5L Dilution Factor : 5
Date & Time Acquired : 2025-01-21 17:43:41 DataFile Name : 062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7075	6808	6782	6888	2.36	cps
Ytterbium	172-1	333	310	357	333	7.00	cps
Ytterbium	172-2	147	127	163	146	12.61	cps
Ytterbium	176-1	2084	2010	2094	2062	2.21	cps
Ytterbium	176-2	360	337	357	351	3.59	cps
Yttrium	89-1	20440549	21173955	20841988	20818831	1.76	cps
Yttrium	89-2	1501538	1367616	1465132	1444762	4.79	cps
Zinc	66-2	1043	863	907	938	10.02	cps
Zirconium	90-1	8346	8983	21227	12852	56.49	cps
Zirconium	91-1	1937	1867	1877	1893	2.00	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-04 Instrumnet Name : P8
Client Sample ID : MJNLB5S Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:46:59 DataFile Name : 063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207416	203770	203937	205041	1.00	cps
Antimony	121-1	1138551	1148737	1153541	1146943	0.67	cps
Arsenic	75-2	11258	11114	11068	11147	0.89	cps
Barium	135-1	6204405	6237319	6181889	6207871	0.45	cps
Barium	137-1	10623511	10665378	10849310	10712733	1.12	cps
Beryllium	9-1	211114	213920	214234	213090	0.81	cps
Bismuth	209-1	7675247	7784482	7646516	7702081	0.95	cps
Bismuth	209-2	3068215	3027571	3074346	3056711	0.83	cps
Bromine	81-1	2453011	2763766	2980559	2732445	9.70	cps
Cadmium	108-1	9066	9443	9196	9235	2.07	cps
Cadmium	106-1	17882	18559	18699	18380	2.38	cps
Cadmium	111-1	131484	131282	133309	132025	0.85	cps
Calcium	43-1	1639910	1664454	1668365	1657576	0.93	cps
Calcium	44-1	26054607	26632984	26732783	26473458	1.38	cps
Carbon	12-1	8230645	9214441	9688863	9044650	8.22	cps
Carbon	12-2	68817	68803	68569	68729	0.20	cps
Chlorine	35-1	119443472	126252898	128041525	124579298	3.64	cps
Chlorine	35-2	503638	504346	506392	504792	0.28	cps
Chromium	52-2	502521	500816	504014	502450	0.32	cps
Cobalt	59-2	2427886	2365958	2378777	2390873	1.37	cps
Copper	63-2	1194168	1190076	1198557	1194267	0.36	cps
Dysprosium	156-1	3457	3901	3957	3772	7.26	cps
Dysprosium	156-2	1227	1303	1280	1270	3.09	cps
Erbium	164-1	3564	3440	3534	3513	1.83	cps
Erbium	164-2	1150	1153	1207	1170	2.72	cps
Gadolinium	160-1	3774	3744	3897	3805	2.14	cps
Gadolinium	160-2	1493	1617	1463	1525	5.33	cps
Holmium	165-1	13959694	13843216	14023553	13942154	0.66	cps
Holmium	165-2	4855059	4758286	4777109	4796818	1.07	cps
Indium	115-1	10312329	10303349	10308772	10308150	0.04	cps
Indium	115-2	996816	984232	996492	992513	0.72	cps
Iron	54-2	260039	260929	263363	261443	0.66	cps
Iron	56-2	4659126	4714889	4730742	4701586	0.80	cps
Iron	57-2	112637	112398	114448	113161	0.99	cps
Krypton	83-1	210	227	307	248	20.86	cps
Lead	206-1	215885	217397	220880	218054	1.17	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-04 Instrumnet Name : P8
Client Sample ID : MJNLB5S Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:46:59 DataFile Name : 063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	186370	187409	188843	187541	0.66	cps
Lead	208-1	858088	863318	871067	864157	0.76	cps
Lithium	6-1	6276328	6510831	6606223	6464461	2.63	cps
Magnesium	24-2	15765937	15849247	15674062	15763082	0.56	cps
Manganese	55-2	556645	556350	556814	556603	0.04	cps
Molybdenum	94-1	31536	31703	31973	31737	0.70	cps
Molybdenum	95-1	28215	29732	29922	29290	3.19	cps
Molybdenum	96-1	32525	33530	32892	32982	1.54	cps
Molybdenum	97-1	17554	18402	17785	17914	2.45	cps
Molybdenum	98-1	45173	45695	46140	45669	1.06	cps
Neodymium	150-1	5601	5394	5651	5549	2.45	cps
Neodymium	150-2	1200	1227	1290	1239	3.73	cps
Nickel	60-2	595239	593651	594809	594566	0.14	cps
Phosphorus	31-2	477	500	513	497	3.74	cps
Potassium	39-2	4087506	4065215	4088327	4080349	0.32	cps
Rhodium	103-1	8857828	9072303	9050040	8993390	1.31	cps
Rhodium	103-2	3360801	3401460	3427854	3396705	0.99	cps
Scandium	45-1	7924840	8054745	7990242	7989942	0.81	cps
Scandium	45-2	138089	138099	138846	138345	0.31	cps
Selenium	82-1	18870	18706	19981	19186	3.62	cps
Selenium	77-2	357	247	303	302	18.20	cps
Selenium	78-2	1097	1150	1090	1112	2.96	cps
Silicon	28-1	142385501	142980948	142435668	142600706	0.23	cps
Silver	107-1	668217	681279	682826	677441	1.18	cps
Silver	109-1	635669	643609	654477	644585	1.46	cps
Sodium	23-2	326011115	324099722	324471549	324860795	0.31	cps
Strontium	86-1	2197426	2219471	2235597	2217498	0.86	cps
Strontium	88-1	18403644	18809153	18653741	18622179	1.10	cps
Sulfur	34-1	5198916	5161465	5270673	5210351	1.07	cps
Terbium	159-1	14267804	14257594	14324449	14283282	0.25	cps
Terbium	159-2	4660592	4601010	4611521	4624374	0.69	cps
Thallium	203-1	569538	577220	587872	578210	1.59	cps
Thallium	205-1	1365688	1374650	1401015	1380451	1.33	cps
Tin	118-1	9353	9556	9614	9508	1.45	cps
Titanium	47-1	159785	159920	157348	159018	0.91	cps
Uranium	238-1	18347	18654	18650	18550	0.95	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-04 Instrumnet Name : P8
Client Sample ID : MJNLB5S Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:46:59 DataFile Name : 063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1021920	1011628	1017285	1016945	0.51	cps
Ytterbium	172-1	1343	1420	1470	1411	4.52	cps
Ytterbium	172-2	513	500	593	536	9.43	cps
Ytterbium	176-1	2564	2680	2797	2680	4.35	cps
Ytterbium	176-2	553	703	520	592	16.49	cps
Yttrium	89-1	19360029	19766649	19435422	19520700	1.11	cps
Yttrium	89-2	1326789	1317046	1336961	1326932	0.75	cps
Zinc	66-2	178090	178486	177587	178054	0.25	cps
Zirconium	90-1	40997	41830	42207	41678	1.49	cps
Zirconium	91-1	9156	9517	9503	9392	2.18	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-05 Instrumnet Name : P8
Client Sample ID : MJNLB6 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:50:09 DataFile Name : 064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1137	1187	1073	1132	5.02	cps
Antimony	121-1	3994	4017	3947	3986	0.89	cps
Arsenic	75-2	633	650	637	640	1.38	cps
Barium	135-1	8533	8563	8466	8521	0.58	cps
Barium	137-1	14738	15028	15219	14995	1.61	cps
Beryllium	9-1	532	595	546	558	5.89	cps
Bismuth	209-1	7762846	8052399	8021323	7945523	2.00	cps
Bismuth	209-2	3197739	3236432	3198133	3210768	0.69	cps
Bromine	81-1	1792710	2033273	2173803	1999929	9.64	cps
Cadmium	108-1	53	50	40	48	14.52	cps
Cadmium	106-1	5788	6121	5718	5876	3.67	cps
Cadmium	111-1	1217	1283	1256	1252	2.64	cps
Calcium	43-1	1433006	1420051	1411565	1421541	0.76	cps
Calcium	44-1	22845511	22887991	22832406	22855303	0.13	cps
Carbon	12-1	7626997	8456615	8999440	8361018	8.27	cps
Carbon	12-2	61361	61187	63322	61956	1.91	cps
Chlorine	35-1	65404837	67840042	68696207	67313696	2.54	cps
Chlorine	35-2	263247	263437	264839	263841	0.33	cps
Chromium	52-2	3104	3080	2840	3008	4.85	cps
Cobalt	59-2	350	363	450	388	14.00	cps
Copper	63-2	38796	37994	38352	38381	1.05	cps
Dysprosium	156-1	327	300	200	276	24.23	cps
Dysprosium	156-2	67	97	107	90	23.13	cps
Erbium	164-1	357	323	343	341	4.92	cps
Erbium	164-2	133	153	117	134	13.66	cps
Gadolinium	160-1	327	313	320	320	2.08	cps
Gadolinium	160-2	103	107	77	96	17.21	cps
Holmium	165-1	13634174	14122032	14248262	14001489	2.32	cps
Holmium	165-2	4903492	4964984	4909440	4925972	0.69	cps
Indium	115-1	10283665	10431907	10777240	10497604	2.41	cps
Indium	115-2	1018537	1021502	1016366	1018802	0.25	cps
Iron	54-2	3367	3247	3354	3323	1.98	cps
Iron	56-2	58569	58613	58399	58527	0.19	cps
Iron	57-2	1427	1597	1503	1509	5.64	cps
Krypton	83-1	173	157	213	181	16.08	cps
Lead	206-1	3057	3004	2984	3015	1.26	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-05 Instrumnet Name : P8
Client Sample ID : MJNLB6 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:50:09 DataFile Name : 064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2670	2664	2647	2660	0.45	cps
Lead	208-1	12192	11852	11869	11971	1.60	cps
Lithium	6-1	6464955	6709139	6651473	6608522	1.93	cps
Magnesium	24-2	13028715	13061493	13033647	13041285	0.14	cps
Manganese	55-2	5651	5611	5484	5582	1.56	cps
Molybdenum	94-1	5965	6158	6068	6064	1.60	cps
Molybdenum	95-1	9350	9650	9573	9524	1.64	cps
Molybdenum	96-1	9790	9904	10254	9983	2.42	cps
Molybdenum	97-1	5795	5928	5571	5765	3.13	cps
Molybdenum	98-1	14928	14885	15375	15063	1.80	cps
Neodymium	150-1	357	387	433	392	9.85	cps
Neodymium	150-2	100	87	67	84	19.87	cps
Nickel	60-2	3250	3177	2980	3136	4.45	cps
Phosphorus	31-2	203	220	193	206	6.55	cps
Potassium	39-2	2789469	2788057	2826111	2801212	0.77	cps
Rhodium	103-1	8936920	9078577	9294702	9103400	1.98	cps
Rhodium	103-2	3526238	3510660	3479505	3505468	0.68	cps
Scandium	45-1	8001034	8161100	8263989	8142041	1.63	cps
Scandium	45-2	138667	139290	140522	139493	0.68	cps
Selenium	82-1	823	910	1087	940	14.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	7	13	12	41.65	cps
Silicon	28-1	200548604	203690290	204721817	202986904	1.07	cps
Silver	107-1	1410	967	893	1090	25.65	cps
Silver	109-1	1343	897	747	996	31.18	cps
Sodium	23-2	218809110	219054690	219038217	218967339	0.06	cps
Strontium	86-1	1704072	1719076	1724756	1715968	0.62	cps
Strontium	88-1	14294530	14732547	14524269	14517115	1.51	cps
Sulfur	34-1	3499599	3540710	3482006	3507438	0.86	cps
Terbium	159-1	14052698	14644923	14636201	14444607	2.35	cps
Terbium	159-2	4673640	4754663	4742163	4723488	0.92	cps
Thallium	203-1	1143	1223	1050	1139	7.62	cps
Thallium	205-1	2590	2674	2724	2663	2.53	cps
Tin	118-1	144612	147074	147873	146520	1.16	cps
Titanium	47-1	5391	5705	5885	5660	4.41	cps
Uranium	238-1	10064	10568	10224	10285	2.50	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-05 Instrumnet Name : P8
Client Sample ID : MJNLB6 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:50:09 DataFile Name : 064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	15602	15585	16303	15830	2.59	cps
Ytterbium	172-1	247	237	233	239	2.90	cps
Ytterbium	172-2	77	97	103	92	15.05	cps
Ytterbium	176-1	1717	1770	1757	1748	1.59	cps
Ytterbium	176-2	273	293	363	310	15.24	cps
Yttrium	89-1	19248354	20008288	20159272	19805305	2.47	cps
Yttrium	89-2	1337151	1356630	1341504	1345095	0.76	cps
Zinc	66-2	1640	1710	1740	1697	3.02	cps
Zirconium	90-1	2424	2444	2394	2420	1.04	cps
Zirconium	91-1	573	513	557	548	5.65	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-06 Instrumnet Name : P8
Client Sample ID : MJNLB8 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:53:27 DataFile Name : 065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1320	1293	1500	1371	8.20	cps
Antimony	121-1	3887	3987	3794	3889	2.49	cps
Arsenic	75-2	647	667	680	664	2.52	cps
Barium	135-1	8603	8183	8529	8438	2.66	cps
Barium	137-1	14511	14735	14738	14661	0.89	cps
Beryllium	9-1	555	541	562	553	1.95	cps
Bismuth	209-1	7967419	7986983	8024079	7992827	0.36	cps
Bismuth	209-2	3381193	3250763	3241833	3291263	2.37	cps
Bromine	81-1	1690838	1982978	2110831	1928216	11.16	cps
Cadmium	108-1	60	43	53	52	16.07	cps
Cadmium	106-1	6045	6045	5998	6029	0.45	cps
Cadmium	111-1	1267	1275	1296	1279	1.15	cps
Calcium	43-1	1375248	1418630	1444218	1412699	2.47	cps
Calcium	44-1	22664131	22891306	22903166	22819535	0.59	cps
Carbon	12-1	7196293	8109777	8623901	7976657	9.06	cps
Carbon	12-2	61347	61053	63054	61818	1.75	cps
Chlorine	35-1	63410732	65815311	66673621	65299888	2.59	cps
Chlorine	35-2	255674	257987	256301	256654	0.47	cps
Chromium	52-2	1557	1607	1723	1629	5.25	cps
Cobalt	59-2	200	270	310	260	21.42	cps
Copper	63-2	38231	39107	39291	38876	1.46	cps
Dysprosium	156-1	310	310	347	322	6.57	cps
Dysprosium	156-2	117	67	83	89	28.64	cps
Erbium	164-1	347	320	317	328	5.02	cps
Erbium	164-2	120	117	97	111	11.36	cps
Gadolinium	160-1	347	350	303	333	7.81	cps
Gadolinium	160-2	153	150	137	147	6.01	cps
Holmium	165-1	14372600	14536021	14328154	14412259	0.76	cps
Holmium	165-2	5191741	5056511	4954326	5067526	2.35	cps
Indium	115-1	10593622	10812753	10759959	10722111	1.07	cps
Indium	115-2	1078205	1046647	1039437	1054763	1.95	cps
Iron	54-2	3257	3040	3437	3245	6.12	cps
Iron	56-2	56324	56351	56555	56410	0.22	cps
Iron	57-2	1560	1523	1503	1529	1.88	cps
Krypton	83-1	173	140	167	160	11.03	cps
Lead	206-1	4184	3951	4184	4106	3.28	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-06 Instrumnet Name : P8
Client Sample ID : MJNLB8 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:53:27 DataFile Name : 065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3494	3264	3427	3395	3.49	cps
Lead	208-1	15760	15947	15891	15866	0.60	cps
Lithium	6-1	6503663	6666508	6631671	6600614	1.30	cps
Magnesium	24-2	13019501	12799634	12936101	12918412	0.86	cps
Manganese	55-2	8172	7946	8433	8184	2.98	cps
Molybdenum	94-1	5988	6191	6188	6123	1.90	cps
Molybdenum	95-1	9256	9397	9613	9422	1.91	cps
Molybdenum	96-1	9880	10144	9523	9849	3.16	cps
Molybdenum	97-1	5875	6005	5891	5924	1.19	cps
Molybdenum	98-1	14741	14871	14521	14711	1.20	cps
Neodymium	150-1	313	360	383	352	10.12	cps
Neodymium	150-2	103	73	90	89	16.92	cps
Nickel	60-2	2604	2324	2410	2446	5.86	cps
Phosphorus	31-2	220	200	183	201	9.13	cps
Potassium	39-2	2784541	2776069	2789959	2783523	0.25	cps
Rhodium	103-1	9252958	9394806	9315366	9321043	0.76	cps
Rhodium	103-2	3681417	3688804	3600800	3657007	1.33	cps
Scandium	45-1	8283020	8297840	8255680	8278847	0.26	cps
Scandium	45-2	147788	146108	144127	146007	1.26	cps
Selenium	82-1	820	1060	1033	971	13.55	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	3	10	13	9	57.30	cps
Silicon	28-1	200961004	202983044	203919277	202621108	0.75	cps
Silver	107-1	630	600	633	621	2.96	cps
Silver	109-1	497	517	507	507	1.97	cps
Sodium	23-2	216976777	213933497	215444510	215451595	0.71	cps
Strontium	86-1	1715717	1688753	1703002	1702490	0.79	cps
Strontium	88-1	14348831	14503092	14475274	14442399	0.57	cps
Sulfur	34-1	3527410	3488170	3529685	3515088	0.66	cps
Terbium	159-1	14618612	14792049	14507188	14639283	0.98	cps
Terbium	159-2	5032497	4886454	4797219	4905390	2.42	cps
Thallium	203-1	837	873	890	867	3.15	cps
Thallium	205-1	1933	1984	2000	1972	1.76	cps
Tin	118-1	5046	3374	3207	3876	26.25	cps
Titanium	47-1	6315	5971	6031	6106	3.00	cps
Uranium	238-1	10047	10091	10378	10172	1.76	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-06 Instrumnet Name : P8
Client Sample ID : MJNLB8 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:53:27 DataFile Name : 065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	14985	15582	15709	15425	2.51	cps
Ytterbium	172-1	233	307	213	251	19.57	cps
Ytterbium	172-2	90	90	107	96	10.07	cps
Ytterbium	176-1	1833	2017	1957	1936	4.83	cps
Ytterbium	176-2	283	263	287	278	4.54	cps
Yttrium	89-1	20108928	20194436	20111214	20138193	0.24	cps
Yttrium	89-2	1498220	1486388	1372126	1452245	4.80	cps
Zinc	66-2	1233	1143	1190	1189	3.79	cps
Zirconium	90-1	3244	2287	2294	2608	21.12	cps
Zirconium	91-1	533	433	533	500	11.55	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-07 Instrumnet Name : P8
Client Sample ID : MJNLB9 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:56:42 DataFile Name : 066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3254	3500	3100	3285	6.15	cps
Antimony	121-1	2517	2627	2807	2650	5.53	cps
Arsenic	75-2	667	690	550	636	11.80	cps
Barium	135-1	9804	9817	10221	9947	2.38	cps
Barium	137-1	16877	16777	17371	17009	1.87	cps
Beryllium	9-1	580	559	580	573	2.14	cps
Bismuth	209-1	8251187	8130304	7901612	8094368	2.19	cps
Bismuth	209-2	3249186	3162534	3232983	3214901	1.43	cps
Bromine	81-1	1254313	1550029	1667186	1490509	14.28	cps
Cadmium	108-1	43	43	60	49	19.69	cps
Cadmium	106-1	6398	5928	5931	6086	4.45	cps
Cadmium	111-1	1303	1249	1258	1270	2.28	cps
Calcium	43-1	876377	890615	885487	884159	0.82	cps
Calcium	44-1	15055529	15074302	15056461	15062097	0.07	cps
Carbon	12-1	7203380	8123711	8622158	7983083	9.02	cps
Carbon	12-2	59697	59654	60396	59916	0.70	cps
Chlorine	35-1	48719681	50804688	51722838	50415735	3.05	cps
Chlorine	35-2	199174	198802	198708	198895	0.12	cps
Chromium	52-2	1280	1240	1213	1245	2.70	cps
Cobalt	59-2	803	860	837	833	3.42	cps
Copper	63-2	30880	29544	30509	30311	2.28	cps
Dysprosium	156-1	860	797	753	803	6.68	cps
Dysprosium	156-2	297	303	257	286	8.84	cps
Erbium	164-1	890	920	907	906	1.66	cps
Erbium	164-2	283	357	317	319	11.51	cps
Gadolinium	160-1	830	873	997	900	9.61	cps
Gadolinium	160-2	330	250	330	303	15.23	cps
Holmium	165-1	14511209	14279246	14092169	14294208	1.47	cps
Holmium	165-2	4975568	4924438	4949098	4949701	0.52	cps
Indium	115-1	11021193	10830611	10613461	10821755	1.89	cps
Indium	115-2	1028131	1026317	1032429	1028959	0.31	cps
Iron	54-2	10901	10994	10794	10896	0.92	cps
Iron	56-2	200231	199299	201996	200509	0.68	cps
Iron	57-2	5128	5011	5144	5094	1.43	cps
Krypton	83-1	177	210	167	184	12.30	cps
Lead	206-1	11689	11418	11639	11582	1.24	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-07 Instrumnet Name : P8
Client Sample ID : MJNLB9 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:56:42 DataFile Name : 066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9670	9774	9931	9792	1.34	cps
Lead	208-1	44941	44767	45879	45195	1.32	cps
Lithium	6-1	6838452	6715420	6599557	6717809	1.78	cps
Magnesium	24-2	8164869	7895821	7998465	8019718	1.69	cps
Manganese	55-2	9743	9747	9573	9688	1.02	cps
Molybdenum	94-1	6372	6465	6675	6504	2.39	cps
Molybdenum	95-1	8853	8633	8549	8678	1.81	cps
Molybdenum	96-1	9523	9607	9747	9626	1.17	cps
Molybdenum	97-1	5164	5121	5334	5207	2.17	cps
Molybdenum	98-1	13770	13904	13774	13816	0.55	cps
Neodymium	150-1	893	947	973	938	4.34	cps
Neodymium	150-2	213	253	220	229	9.36	cps
Nickel	60-2	2597	2517	2747	2620	4.46	cps
Phosphorus	31-2	233	187	237	219	12.77	cps
Potassium	39-2	2335360	2346036	2302046	2327814	0.99	cps
Rhodium	103-1	9576730	9565155	9252593	9464826	1.94	cps
Rhodium	103-2	3613927	3547171	3654603	3605234	1.50	cps
Scandium	45-1	8444251	8233716	8034465	8237477	2.49	cps
Scandium	45-2	140786	140859	140801	140815	0.03	cps
Selenium	82-1	640	850	853	781	15.65	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	10	13	7	10	33.30	cps
Silicon	28-1	206444610	208791190	206410464	207215421	0.66	cps
Silver	107-1	433	470	480	461	5.33	cps
Silver	109-1	247	393	337	326	22.72	cps
Sodium	23-2	182036831	181657517	182331224	182008524	0.19	cps
Strontium	86-1	986501	997252	997030	993595	0.62	cps
Strontium	88-1	8944323	8858082	8812358	8871588	0.76	cps
Sulfur	34-1	2902997	2910961	2914147	2909368	0.20	cps
Terbium	159-1	14983946	14663654	14337160	14661586	2.21	cps
Terbium	159-2	4764025	4737053	4788496	4763191	0.54	cps
Thallium	203-1	840	790	727	786	7.23	cps
Thallium	205-1	1700	1770	1800	1757	2.92	cps
Tin	118-1	1976	1933	2067	1992	3.43	cps
Titanium	47-1	10004	10564	9914	10160	3.47	cps
Uranium	238-1	24019	24370	24731	24374	1.46	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-07 Instrumnet Name : P8
Client Sample ID : MJNLB9 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 17:56:42 DataFile Name : 066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	16596	16229	16019	16282	1.79	cps
Ytterbium	172-1	513	487	457	486	5.84	cps
Ytterbium	172-2	167	190	167	174	7.72	cps
Ytterbium	176-1	1974	2137	2090	2067	4.07	cps
Ytterbium	176-2	307	343	330	327	5.68	cps
Yttrium	89-1	20545284	20294565	19799115	20212988	1.88	cps
Yttrium	89-2	1408174	1344321	1362529	1371675	2.40	cps
Zinc	66-2	617	580	587	594	3.29	cps
Zirconium	90-1	4544	4584	4771	4633	2.61	cps
Zirconium	91-1	1053	1103	1180	1112	5.74	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-08 Instrumnet Name : P8
Client Sample ID : MJNLC0 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:00:01 DataFile Name : 067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	967	957	993	972	1.95	cps
Antimony	121-1	3397	3290	3397	3362	1.83	cps
Arsenic	75-2	373	350	287	337	13.32	cps
Barium	135-1	15115	15032	14988	15045	0.43	cps
Barium	137-1	25821	25902	26379	26034	1.16	cps
Beryllium	9-1	519	632	544	565	10.58	cps
Bismuth	209-1	8308121	8499091	8389778	8398997	1.14	cps
Bismuth	209-2	3379222	3365246	3410622	3385030	0.69	cps
Bromine	81-1	977441	1147124	1223982	1116182	11.30	cps
Cadmium	108-1	50	53	43	49	10.42	cps
Cadmium	106-1	6325	6418	6272	6338	1.17	cps
Cadmium	111-1	1333	1363	1307	1335	2.09	cps
Calcium	43-1	1257833	1240242	1264650	1254242	1.00	cps
Calcium	44-1	20451487	20226979	20284848	20321105	0.57	cps
Carbon	12-1	7264623	8273768	8769234	8102542	9.46	cps
Carbon	12-2	59349	61515	60798	60554	1.82	cps
Chlorine	35-1	36330241	38269493	38660524	37753419	3.31	cps
Chlorine	35-2	150981	151493	152392	151622	0.47	cps
Chromium	52-2	1080	890	823	931	14.30	cps
Cobalt	59-2	290	340	363	331	11.31	cps
Copper	63-2	12262	12085	12242	12196	0.79	cps
Dysprosium	156-1	210	153	153	172	18.99	cps
Dysprosium	156-2	40	43	40	41	4.68	cps
Erbium	164-1	250	257	230	246	5.65	cps
Erbium	164-2	87	90	67	81	15.56	cps
Gadolinium	160-1	203	190	197	197	3.39	cps
Gadolinium	160-2	70	67	43	60	24.22	cps
Holmium	165-1	14924024	14810741	14594187	14776317	1.13	cps
Holmium	165-2	5155260	5168005	5135588	5152951	0.32	cps
Indium	115-1	11019588	11238013	10892543	11050048	1.58	cps
Indium	115-2	1082209	1083309	1077348	1080955	0.29	cps
Iron	54-2	2120	1977	2094	2064	3.69	cps
Iron	56-2	34742	34903	34268	34637	0.95	cps
Iron	57-2	880	850	887	872	2.24	cps
Krypton	83-1	113	180	157	150	22.55	cps
Lead	206-1	5061	4908	4994	4988	1.54	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-08 Instrumnet Name : P8
Client Sample ID : MJNLC0 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:00:01 DataFile Name : 067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4467	4494	4301	4421	2.37	cps
Lead	208-1	20346	20236	19850	20144	1.30	cps
Lithium	6-1	6860915	7014109	6850961	6908662	1.32	cps
Magnesium	24-2	9064867	9039659	9130743	9078423	0.52	cps
Manganese	55-2	5401	5358	5378	5379	0.40	cps
Molybdenum	94-1	3937	3577	3794	3769	4.81	cps
Molybdenum	95-1	5955	6091	5815	5954	2.32	cps
Molybdenum	96-1	6151	6075	6218	6148	1.17	cps
Molybdenum	97-1	3617	3671	3611	3633	0.91	cps
Molybdenum	98-1	9100	9367	9390	9285	1.74	cps
Neodymium	150-1	163	137	180	160	13.66	cps
Neodymium	150-2	53	37	37	42	22.78	cps
Nickel	60-2	2904	2764	2854	2840	2.50	cps
Phosphorus	31-2	160	127	107	131	20.55	cps
Potassium	39-2	1697306	1677579	1689335	1688073	0.59	cps
Rhodium	103-1	9904968	9990212	9714980	9870054	1.43	cps
Rhodium	103-2	3816259	3844159	3746370	3802263	1.32	cps
Scandium	45-1	8514775	8527743	8381628	8474715	0.95	cps
Scandium	45-2	147208	148397	146612	147405	0.62	cps
Selenium	82-1	547	540	573	553	3.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	0	2	173.21	cps
Silicon	28-1	178724437	179112924	179515651	179117671	0.22	cps
Silver	107-1	427	400	437	421	4.50	cps
Silver	109-1	253	247	347	282	19.81	cps
Sodium	23-2	120460838	120777128	121191538	120809835	0.30	cps
Strontium	86-1	1209570	1221856	1226136	1219187	0.71	cps
Strontium	88-1	10853890	10934491	10990678	10926353	0.63	cps
Sulfur	34-1	2249067	2206311	2188676	2214685	1.40	cps
Terbium	159-1	15186684	15171381	14802276	15053447	1.45	cps
Terbium	159-2	4921090	5038866	5061330	5007095	1.50	cps
Thallium	203-1	643	673	577	631	7.84	cps
Thallium	205-1	1507	1523	1460	1497	2.19	cps
Tin	118-1	1878	1882	1896	1885	0.49	cps
Titanium	47-1	4531	5058	4614	4734	5.98	cps
Uranium	238-1	5084	4981	5091	5052	1.22	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1127-08 Instrumnet Name : P8
Client Sample ID : MJNLC0 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:00:01 DataFile Name : 067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13934	13637	13950	13840	1.27	cps
Ytterbium	172-1	203	190	240	211	12.26	cps
Ytterbium	172-2	93	63	83	80	19.09	cps
Ytterbium	176-1	2020	1830	1984	1945	5.18	cps
Ytterbium	176-2	243	340	273	286	17.33	cps
Yttrium	89-1	20648192	20961311	20518392	20709298	1.10	cps
Yttrium	89-2	1521777	1496127	1460603	1492836	2.06	cps
Zinc	66-2	757	710	667	711	6.33	cps
Zirconium	90-1	1243	1340	1300	1295	3.75	cps
Zirconium	91-1	250	283	373	302	21.11	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-01 Instrumnet Name : P8
Client Sample ID : MJNLB4 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:03:18 DataFile Name : 068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	263	280	273	3.23	cps
Antimony	121-1	913	910	907	910	0.37	cps
Arsenic	75-2	7	0	10	6	91.64	cps
Barium	135-1	403	483	380	422	12.84	cps
Barium	137-1	660	670	627	652	3.48	cps
Beryllium	9-1	522	521	550	531	3.06	cps
Bismuth	209-1	9856640	9673742	9660627	9730336	1.13	cps
Bismuth	209-2	3842597	3798877	3867000	3836158	0.90	cps
Bromine	81-1	251890	218338	193682	221303	13.20	cps
Cadmium	108-1	37	20	23	27	33.08	cps
Cadmium	106-1	6935	6702	6552	6729	2.87	cps
Cadmium	111-1	1428	1380	1317	1375	4.04	cps
Calcium	43-1	1210	990	1070	1090	10.22	cps
Calcium	44-1	20655	20368	20238	20420	1.05	cps
Carbon	12-1	5334966	6099368	6662949	6032428	11.05	cps
Carbon	12-2	46761	47500	47296	47185	0.81	cps
Chlorine	35-1	3167173	2824334	2660762	2884090	8.96	cps
Chlorine	35-2	8372	8149	7659	8060	4.53	cps
Chromium	52-2	1447	1360	1597	1468	8.16	cps
Cobalt	59-2	213	220	267	233	12.45	cps
Copper	63-2	4497	4434	4354	4429	1.62	cps
Dysprosium	156-1	37	63	37	46	33.79	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	90	87	73	83	10.59	cps
Erbium	164-2	23	17	13	18	28.64	cps
Gadolinium	160-1	40	43	40	41	4.68	cps
Gadolinium	160-2	13	7	23	14	58.06	cps
Holmium	165-1	15505384	15627041	15558003	15563476	0.39	cps
Holmium	165-2	5309886	5294665	5244829	5283126	0.64	cps
Indium	115-1	12089249	12089591	12153424	12110755	0.31	cps
Indium	115-2	1142482	1138462	1132431	1137792	0.44	cps
Iron	54-2	1027	1020	827	958	11.86	cps
Iron	56-2	14407	14825	14818	14683	1.63	cps
Iron	57-2	373	403	383	387	3.95	cps
Krypton	83-1	150	193	137	160	18.52	cps
Lead	206-1	1763	1733	1763	1753	0.99	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-01 Instrumnet Name : P8
Client Sample ID : MJNLB4 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:03:18 DataFile Name : 068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1407	1490	1473	1457	3.03	cps
Lead	208-1	6771	6827	6641	6746	1.42	cps
Lithium	6-1	7450958	7360176	7406407	7405847	0.61	cps
Magnesium	24-2	1080	1060	1093	1078	1.56	cps
Manganese	55-2	3127	2964	3060	3050	2.69	cps
Molybdenum	94-1	470	467	460	466	1.09	cps
Molybdenum	95-1	387	437	403	409	6.23	cps
Molybdenum	96-1	603	427	517	516	17.13	cps
Molybdenum	97-1	237	240	260	246	5.14	cps
Molybdenum	98-1	670	583	603	619	7.33	cps
Neodymium	150-1	43	27	33	34	24.35	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	1507	1480	1483	1490	0.97	cps
Phosphorus	31-2	33	30	47	37	24.06	cps
Potassium	39-2	8619	8676	8813	8703	1.14	cps
Rhodium	103-1	11298247	11146684	11138238	11194390	0.80	cps
Rhodium	103-2	4209267	4167208	4102272	4159582	1.30	cps
Scandium	45-1	8753365	8800732	8844043	8799380	0.52	cps
Scandium	45-2	149353	148865	147336	148518	0.71	cps
Selenium	82-1	90	53	140	94	46.07	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	3	0	1	173.21	cps
Silicon	28-1	619344	617521	613494	616786	0.49	cps
Silver	107-1	287	277	300	288	4.07	cps
Silver	109-1	260	180	217	219	18.30	cps
Sodium	23-2	93064	90850	89314	91076	2.07	cps
Strontium	86-1	417	460	403	427	6.94	cps
Strontium	88-1	2350	2174	2304	2276	4.02	cps
Sulfur	34-1	352225	353500	351913	352546	0.24	cps
Terbium	159-1	16041032	15963624	15918856	15974504	0.39	cps
Terbium	159-2	5131751	5123886	5065016	5106885	0.71	cps
Thallium	203-1	627	600	603	610	2.38	cps
Thallium	205-1	1527	1490	1367	1461	5.74	cps
Tin	118-1	2663	2693	2548	2635	2.91	cps
Titanium	47-1	347	293	360	333	10.58	cps
Uranium	238-1	33	43	23	33	30.00	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-01 Instrumnet Name : P8
Client Sample ID : MJNLB4 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:03:18 DataFile Name : 068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	43	27	17	29	46.62	cps
Ytterbium	172-1	57	83	90	77	23.00	cps
Ytterbium	172-2	50	27	20	32	48.88	cps
Ytterbium	176-1	1964	1960	1887	1937	2.24	cps
Ytterbium	176-2	277	280	283	280	1.19	cps
Yttrium	89-1	22053344	21950763	21987836	21997314	0.24	cps
Yttrium	89-2	1524702	1516744	1511412	1517619	0.44	cps
Zinc	66-2	547	537	530	538	1.56	cps
Zirconium	90-1	807	743	773	774	4.09	cps
Zirconium	91-1	133	180	130	148	18.92	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-02 Instrumnet Name : P8
Client Sample ID : MJNLG3 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:06:42 DataFile Name : 069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1657	1627	1803	1696	5.58	cps
Antimony	121-1	22866	23504	23373	23248	1.45	cps
Arsenic	75-2	2310	2250	2284	2281	1.32	cps
Barium	135-1	11351	11445	11842	11546	2.26	cps
Barium	137-1	19948	20012	19968	19976	0.16	cps
Beryllium	9-1	562	581	507	550	6.96	cps
Bismuth	209-1	8002814	7908746	7841239	7917600	1.02	cps
Bismuth	209-2	3079017	3088242	3063031	3076764	0.41	cps
Bromine	81-1	2317604	2735709	2938275	2663863	11.88	cps
Cadmium	108-1	83	73	83	80	7.22	cps
Cadmium	106-1	6078	6515	5848	6147	5.51	cps
Cadmium	111-1	1311	1432	1301	1348	5.40	cps
Calcium	43-1	1606433	1633137	1646812	1628794	1.26	cps
Calcium	44-1	26071331	26171385	26406389	26216368	0.66	cps
Carbon	12-1	8881554	9644749	10135672	9553992	6.61	cps
Carbon	12-2	69865	69801	70160	69942	0.27	cps
Chlorine	35-1	85574419	90285689	93833579	89897895	4.61	cps
Chlorine	35-2	359745	364710	362338	362264	0.69	cps
Chromium	52-2	2997	2707	2794	2833	5.26	cps
Cobalt	59-2	993	1047	1103	1048	5.25	cps
Copper	63-2	300655	301045	300010	300570	0.17	cps
Dysprosium	156-1	1390	1407	1383	1393	0.86	cps
Dysprosium	156-2	487	507	590	528	10.38	cps
Erbium	164-1	1553	1603	1563	1573	1.68	cps
Erbium	164-2	473	480	490	481	1.74	cps
Gadolinium	160-1	1477	1670	1650	1599	6.65	cps
Gadolinium	160-2	617	637	600	618	2.97	cps
Holmium	165-1	14557804	14223982	14094134	14291973	1.67	cps
Holmium	165-2	4800845	4848003	4847763	4832204	0.56	cps
Indium	115-1	10663204	10340987	10526508	10510233	1.54	cps
Indium	115-2	1000831	1002556	999201	1000863	0.17	cps
Iron	54-2	7175	7245	7365	7262	1.32	cps
Iron	56-2	129986	130365	130799	130384	0.31	cps
Iron	57-2	3380	3424	3260	3355	2.52	cps
Krypton	83-1	160	207	250	206	21.90	cps
Lead	206-1	2517	2544	2607	2556	1.81	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-02 Instrumnet Name : P8
Client Sample ID : MJNLG3 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:06:42 DataFile Name : 069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2337	2274	2254	2288	1.90	cps
Lead	208-1	9972	10192	10205	10123	1.30	cps
Lithium	6-1	6697464	6654802	6632088	6661451	0.50	cps
Magnesium	24-2	15718451	15875590	15611819	15735286	0.84	cps
Manganese	55-2	11224	10717	10747	10896	2.61	cps
Molybdenum	94-1	21407	21333	21423	21388	0.22	cps
Molybdenum	95-1	28422	29391	29247	29020	1.80	cps
Molybdenum	96-1	31048	31519	31028	31198	0.89	cps
Molybdenum	97-1	17992	18018	17858	17956	0.48	cps
Molybdenum	98-1	46578	46424	46909	46637	0.53	cps
Neodymium	150-1	1640	1783	1613	1679	5.45	cps
Neodymium	150-2	380	473	457	437	11.40	cps
Nickel	60-2	4331	4151	4357	4280	2.63	cps
Phosphorus	31-2	360	367	403	377	6.19	cps
Potassium	39-2	4065475	3999886	4006542	4023968	0.90	cps
Rhodium	103-1	9390443	9151916	9309770	9284043	1.31	cps
Rhodium	103-2	3446040	3468986	3464260	3459762	0.35	cps
Scandium	45-1	8414904	8228242	8338611	8327252	1.13	cps
Scandium	45-2	139654	140677	139176	139835	0.55	cps
Selenium	82-1	1180	1383	1407	1323	9.42	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	17	13	3	11	62.48	cps
Silicon	28-1	117600475	118594868	118008878	118068074	0.42	cps
Silver	107-1	590	597	517	568	7.82	cps
Silver	109-1	427	533	437	466	12.65	cps
Sodium	23-2	323839595	323541995	322684282	323355291	0.19	cps
Strontium	86-1	2186970	2213758	2163636	2188121	1.15	cps
Strontium	88-1	18279538	18428275	18366347	18358053	0.41	cps
Sulfur	34-1	5260671	5276909	5347756	5295112	0.87	cps
Terbium	159-1	14689419	14486680	14455420	14543840	0.87	cps
Terbium	159-2	4707180	4689680	4646230	4681030	0.67	cps
Thallium	203-1	807	683	767	752	8.37	cps
Thallium	205-1	1857	1827	2024	1902	5.57	cps
Tin	118-1	3792	3644	3604	3680	2.69	cps
Titanium	47-1	7909	8249	8236	8131	2.37	cps
Uranium	238-1	15032	14929	15349	15104	1.45	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-02 Instrumnet Name : P8
Client Sample ID : MJNLG3 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:06:42 DataFile Name : 069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	22301	22828	22214	22448	1.48	cps
Ytterbium	172-1	753	873	740	789	9.31	cps
Ytterbium	172-2	277	333	323	311	9.72	cps
Ytterbium	176-1	2114	2367	2240	2240	5.66	cps
Ytterbium	176-2	387	407	387	393	2.94	cps
Yttrium	89-1	20470071	19910758	19918965	20099931	1.59	cps
Yttrium	89-2	1338182	1329929	1324383	1330832	0.52	cps
Zinc	66-2	1837	1933	1843	1871	2.89	cps
Zirconium	90-1	12959	13103	12986	13016	0.59	cps
Zirconium	91-1	2880	2804	2877	2854	1.52	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-03 Instrumnet Name : P8
Client Sample ID : MJNLG3D Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:09:57 DataFile Name : 070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1733	1667	1767	1722	2.96	cps
Antimony	121-1	23921	23631	23210	23587	1.52	cps
Arsenic	75-2	2167	2597	2354	2372	9.09	cps
Barium	135-1	11845	11695	11632	11724	0.94	cps
Barium	137-1	20105	19938	20883	20309	2.48	cps
Beryllium	9-1	587	585	595	589	0.88	cps
Bismuth	209-1	6114434	7780279	7905658	7266790	13.76	cps
Bismuth	209-2	3089701	3065456	3087749	3080969	0.44	cps
Bromine	81-1	2632976	2889562	3075165	2865901	7.75	cps
Cadmium	108-1	77	70	63	70	9.53	cps
Cadmium	106-1	4594	6021	6285	5633	16.15	cps
Cadmium	111-1	1059	1342	1376	1259	13.85	cps
Calcium	43-1	1623412	1704690	1641757	1656620	2.57	cps
Calcium	44-1	26614225	26579176	26259637	26484346	0.74	cps
Carbon	12-1	9126396	9896430	10418657	9813828	6.62	cps
Carbon	12-2	70726	70558	71630	70971	0.81	cps
Chlorine	35-1	89931209	93718415	94966959	92872194	2.82	cps
Chlorine	35-2	370206	371293	368278	369926	0.41	cps
Chromium	52-2	2494	2470	2650	2538	3.86	cps
Cobalt	59-2	1067	977	1023	1022	4.40	cps
Copper	63-2	300451	303550	300197	301399	0.62	cps
Dysprosium	156-1	1380	1500	1447	1442	4.17	cps
Dysprosium	156-2	517	530	563	537	4.48	cps
Erbium	164-1	1607	1563	1550	1573	1.88	cps
Erbium	164-2	547	447	477	490	10.47	cps
Gadolinium	160-1	1537	1607	1603	1582	2.50	cps
Gadolinium	160-2	740	527	713	660	17.61	cps
Holmium	165-1	10769817	13916405	14399543	13028588	15.13	cps
Holmium	165-2	4881270	4867565	4886590	4878475	0.20	cps
Indium	115-1	7769581	10346573	10572557	9562904	16.28	cps
Indium	115-2	1009981	1012141	1009084	1010402	0.16	cps
Iron	54-2	7322	7352	6978	7217	2.88	cps
Iron	56-2	130409	131257	128340	130002	1.15	cps
Iron	57-2	3337	3350	3370	3353	0.50	cps
Krypton	83-1	223	287	207	239	17.67	cps
Lead	206-1	2497	2597	2310	2468	5.90	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-03 Instrumnet Name : P8
Client Sample ID : MJNLG3D Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:09:57 DataFile Name : 070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1930	2177	2147	2085	6.46	cps
Lead	208-1	9415	9878	9838	9710	2.64	cps
Lithium	6-1	5238919	6519772	6613162	6123951	12.54	cps
Magnesium	24-2	15804731	15732648	15652116	15729832	0.49	cps
Manganese	55-2	10758	10267	10441	10488	2.37	cps
Molybdenum	94-1	21163	21213	21797	21391	1.65	cps
Molybdenum	95-1	29675	29799	29531	29668	0.45	cps
Molybdenum	96-1	31750	31947	31613	31770	0.53	cps
Molybdenum	97-1	17852	18045	18399	18099	1.53	cps
Molybdenum	98-1	46528	46213	46103	46281	0.48	cps
Neodymium	150-1	1567	1660	1583	1603	3.11	cps
Neodymium	150-2	437	397	353	396	10.54	cps
Nickel	60-2	4234	4227	4217	4226	0.20	cps
Phosphorus	31-2	310	393	323	342	13.08	cps
Potassium	39-2	4112289	4077852	4036282	4075475	0.93	cps
Rhodium	103-1	6806647	8993228	9192461	8330779	15.89	cps
Rhodium	103-2	3495888	3469143	3500193	3488408	0.48	cps
Scandium	45-1	6102924	8116273	8296718	7505305	16.23	cps
Scandium	45-2	140862	140253	139886	140334	0.35	cps
Selenium	82-1	1353	1353	1507	1405	6.30	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	27	27	10	21	45.58	cps
Silicon	28-1	120411698	119684375	118505742	119533938	0.80	cps
Silver	107-1	577	540	650	589	9.51	cps
Silver	109-1	393	457	523	458	14.20	cps
Sodium	23-2	326168388	326132622	322205802	324835604	0.70	cps
Strontium	86-1	2218458	2200395	2187451	2202101	0.71	cps
Strontium	88-1	18652073	18666741	18690671	18669828	0.10	cps
Sulfur	34-1	5293323	5306789	5305517	5301876	0.14	cps
Terbium	159-1	11009580	14183161	14504686	13232476	14.60	cps
Terbium	159-2	4656851	4648803	4625445	4643700	0.35	cps
Thallium	203-1	717	750	867	778	10.13	cps
Thallium	205-1	1683	1710	1900	1765	6.70	cps
Tin	118-1	3760	3638	3934	3778	3.94	cps
Titanium	47-1	8096	7719	8176	7997	3.05	cps
Uranium	238-1	15293	15072	14906	15090	1.29	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-03 Instrumnet Name : P8
Client Sample ID : MJNLG3D Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:09:57 DataFile Name : 070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	22751	22825	22344	22640	1.14	cps
Ytterbium	172-1	787	703	697	729	6.88	cps
Ytterbium	172-2	283	337	303	308	8.75	cps
Ytterbium	176-1	1974	2287	2340	2200	9.01	cps
Ytterbium	176-2	437	423	427	429	1.62	cps
Yttrium	89-1	14925684	19736485	20203251	18288473	15.98	cps
Yttrium	89-2	1344009	1338918	1353168	1345365	0.54	cps
Zinc	66-2	1853	1823	2034	1903	5.97	cps
Zirconium	90-1	12756	13070	13313	13046	2.14	cps
Zirconium	91-1	2957	3090	2847	2965	4.11	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-02LX5 Instrumnet Name : P8
Client Sample ID : MJNLG3L Dilution Factor : 5
Date & Time Acquired : 2025-01-21 18:13:14 DataFile Name : 071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	460	443	410	438	5.82	cps
Antimony	121-1	4868	5258	5101	5075	3.87	cps
Arsenic	75-2	517	433	500	483	9.12	cps
Barium	135-1	2540	2680	2764	2661	4.24	cps
Barium	137-1	4501	4841	4567	4636	3.89	cps
Beryllium	9-1	537	506	544	529	3.80	cps
Bismuth	209-1	8780612	9087267	9094674	8987517	1.99	cps
Bismuth	209-2	3479809	3405615	3511781	3465735	1.57	cps
Bromine	81-1	736336	768253	773306	759299	2.64	cps
Cadmium	108-1	43	37	53	44	18.87	cps
Cadmium	106-1	6228	6818	6625	6557	4.59	cps
Cadmium	111-1	1279	1408	1354	1347	4.83	cps
Calcium	43-1	328981	329909	328046	328979	0.28	cps
Calcium	44-1	5544742	5519115	5527450	5530435	0.24	cps
Carbon	12-1	4392030	4400975	4395011	4396005	0.10	cps
Carbon	12-2	28548	28615	27993	28385	1.20	cps
Chlorine	35-1	21031341	21941023	21793954	21588772	2.26	cps
Chlorine	35-2	82983	82369	81213	82188	1.09	cps
Chromium	52-2	1110	1087	1047	1081	2.96	cps
Cobalt	59-2	297	297	297	297	0.00	cps
Copper	63-2	70068	71090	71267	70809	0.91	cps
Dysprosium	156-1	307	293	347	316	8.80	cps
Dysprosium	156-2	100	80	100	93	12.37	cps
Erbium	164-1	427	390	393	403	5.03	cps
Erbium	164-2	133	150	87	123	26.62	cps
Gadolinium	160-1	347	383	307	346	11.10	cps
Gadolinium	160-2	140	133	140	138	2.79	cps
Holmium	165-1	14885051	15436401	15788919	15370124	2.96	cps
Holmium	165-2	5206075	5086970	5076922	5123322	1.40	cps
Indium	115-1	11440752	11714967	11927651	11694457	2.09	cps
Indium	115-2	1092304	1074393	1074227	1080308	0.96	cps
Iron	54-2	1867	1803	1867	1846	1.98	cps
Iron	56-2	31996	32323	31488	31936	1.32	cps
Iron	57-2	800	813	827	813	1.64	cps
Krypton	83-1	207	210	177	198	9.28	cps
Lead	206-1	1303	1163	1193	1220	6.04	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-02LX5 Instrumnet Name : P8
Client Sample ID : MJNLG3L Dilution Factor : 5
Date & Time Acquired : 2025-01-21 18:13:14 DataFile Name : 071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1160	1073	1117	1117	3.88	cps
Lead	208-1	5204	4730	5004	4979	4.77	cps
Lithium	6-1	7158811	7297826	7364590	7273742	1.44	cps
Magnesium	24-2	3322497	3318521	3299417	3313478	0.37	cps
Manganese	55-2	2574	2340	2404	2439	4.95	cps
Molybdenum	94-1	4774	4701	4437	4637	3.82	cps
Molybdenum	95-1	6462	6498	6562	6507	0.78	cps
Molybdenum	96-1	6725	6748	6965	6813	1.94	cps
Molybdenum	97-1	3764	4151	3871	3928	5.08	cps
Molybdenum	98-1	10084	9920	10311	10105	1.94	cps
Neodymium	150-1	360	343	407	370	8.87	cps
Neodymium	150-2	93	77	87	86	9.80	cps
Nickel	60-2	1737	1833	1690	1753	4.17	cps
Phosphorus	31-2	107	133	97	112	16.89	cps
Potassium	39-2	821991	811422	811191	814868	0.76	cps
Rhodium	103-1	10127959	10622793	10707967	10486239	2.99	cps
Rhodium	103-2	3911282	3818710	3866265	3865419	1.20	cps
Scandium	45-1	8426946	8811623	8944700	8727756	3.08	cps
Scandium	45-2	147976	144259	144063	145432	1.52	cps
Selenium	82-1	300	330	450	360	22.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	17	7	8	107.84	cps
Silicon	28-1	25165802	25472350	25547780	25395310	0.80	cps
Silver	107-1	333	330	343	336	2.07	cps
Silver	109-1	180	200	200	193	5.97	cps
Sodium	23-2	68942101	67810937	67985879	68246306	0.89	cps
Strontium	86-1	430652	435402	437087	434381	0.77	cps
Strontium	88-1	3968053	3976530	3885182	3943255	1.28	cps
Sulfur	34-1	1405609	1445800	1420181	1423863	1.43	cps
Terbium	159-1	15282841	15747304	16026707	15685617	2.40	cps
Terbium	159-2	5092590	4984905	4912440	4996645	1.81	cps
Thallium	203-1	573	547	560	560	2.38	cps
Thallium	205-1	1403	1337	1207	1316	7.60	cps
Tin	118-1	1534	4188	1330	2351	67.81	cps
Titanium	47-1	1777	1733	1577	1696	6.21	cps
Uranium	238-1	3184	3374	3024	3194	5.49	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-02LX5 Instrumnet Name : P8
Client Sample ID : MJNLG3L Dilution Factor : 5
Date & Time Acquired : 2025-01-21 18:13:14 DataFile Name : 071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4424	4718	4564	4569	3.21	cps
Ytterbium	172-1	203	173	217	198	11.22	cps
Ytterbium	172-2	87	107	80	91	15.23	cps
Ytterbium	176-1	1863	2024	2130	2006	6.69	cps
Ytterbium	176-2	293	287	343	308	10.06	cps
Yttrium	89-1	21334329	21959316	22161021	21818222	1.98	cps
Yttrium	89-2	1515395	1470230	1466695	1484106	1.83	cps
Zinc	66-2	543	610	667	607	10.18	cps
Zirconium	90-1	3447	3284	3117	3283	5.03	cps
Zirconium	91-1	683	733	683	700	4.12	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-04 Instrumnet Name : P8
Client Sample ID : MJNLG3S Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:16:29 DataFile Name : 072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106721	108682	105959	107120	1.31	cps
Antimony	121-1	1140811	1163127	1172756	1158898	1.41	cps
Arsenic	75-2	10591	10517	10557	10555	0.35	cps
Barium	135-1	6215878	6284072	6342514	6280822	1.01	cps
Barium	137-1	10671452	10753942	10698097	10707830	0.39	cps
Beryllium	9-1	213430	215171	216868	215156	0.80	cps
Bismuth	209-1	7201290	7764370	7804964	7590208	4.45	cps
Bismuth	209-2	3108092	3070325	3181142	3119853	1.81	cps
Bromine	81-1	2408337	2767739	3002286	2726120	10.97	cps
Cadmium	108-1	8973	9310	9470	9251	2.74	cps
Cadmium	106-1	17988	18746	18903	18546	2.64	cps
Cadmium	111-1	133479	135764	133755	134333	0.93	cps
Calcium	43-1	1662981	1636881	1645443	1648435	0.81	cps
Calcium	44-1	26158609	26530550	26375150	26354769	0.71	cps
Carbon	12-1	8407579	9524426	10046099	9326034	8.98	cps
Carbon	12-2	70521	71771	72206	71499	1.22	cps
Chlorine	35-1	115379008	123335595	126659871	121791492	4.76	cps
Chlorine	35-2	491141	496703	496752	494866	0.65	cps
Chromium	52-2	502801	509830	503185	505272	0.78	cps
Cobalt	59-2	2419775	2416967	2412656	2416466	0.15	cps
Copper	63-2	1156719	1161135	1159773	1159209	0.20	cps
Dysprosium	156-1	1410	1463	1447	1440	1.89	cps
Dysprosium	156-2	573	513	567	551	5.97	cps
Erbium	164-1	1630	1667	1470	1589	6.58	cps
Erbium	164-2	573	523	503	533	6.76	cps
Gadolinium	160-1	1550	1520	1580	1550	1.94	cps
Gadolinium	160-2	717	640	560	639	12.26	cps
Holmium	165-1	12795761	14012203	14412730	13740231	6.13	cps
Holmium	165-2	4875877	4901571	5012419	4929955	1.47	cps
Indium	115-1	9542212	10418141	10498540	10152965	5.22	cps
Indium	115-2	1015437	1020661	1044023	1026707	1.48	cps
Iron	54-2	126863	127812	127933	127536	0.46	cps
Iron	56-2	2166115	2117426	2135493	2139678	1.15	cps
Iron	57-2	51948	51814	50499	51420	1.56	cps
Krypton	83-1	267	273	327	289	11.38	cps
Lead	206-1	188457	190312	189876	189548	0.51	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-04 Instrumnet Name : P8
Client Sample ID : MJNLG3S Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:16:29 DataFile Name : 072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	162381	162387	163204	162657	0.29	cps
Lead	208-1	746145	752793	752805	750581	0.51	cps
Lithium	6-1	6090498	6499354	6562163	6384005	4.01	cps
Magnesium	24-2	15666938	15898734	15762814	15776162	0.74	cps
Manganese	55-2	550047	555714	545814	550525	0.90	cps
Molybdenum	94-1	21817	21510	21750	21693	0.74	cps
Molybdenum	95-1	28720	29588	30250	29519	2.60	cps
Molybdenum	96-1	31162	31880	32789	31943	2.55	cps
Molybdenum	97-1	18022	18272	18252	18182	0.77	cps
Molybdenum	98-1	46508	46825	46722	46685	0.35	cps
Neodymium	150-1	2354	2074	2327	2251	6.87	cps
Neodymium	150-2	430	433	440	434	1.17	cps
Nickel	60-2	605307	609157	602300	605588	0.57	cps
Phosphorus	31-2	340	390	340	357	8.09	cps
Potassium	39-2	4007061	4044625	4092160	4047949	1.05	cps
Rhodium	103-1	8227333	9145468	9283684	8885495	6.46	cps
Rhodium	103-2	3555345	3538787	3599697	3564610	0.88	cps
Scandium	45-1	7538155	8138490	8277701	7984782	4.92	cps
Scandium	45-2	142295	143929	144912	143712	0.92	cps
Selenium	82-1	18860	19157	19808	19275	2.52	cps
Selenium	77-2	277	303	323	301	7.78	cps
Selenium	78-2	960	1007	1030	999	3.57	cps
Silicon	28-1	117225305	117648645	119181062	118018337	0.87	cps
Silver	107-1	669998	681646	692534	681393	1.65	cps
Silver	109-1	644221	655644	661632	653832	1.35	cps
Sodium	23-2	326892762	327777195	325836422	326835460	0.30	cps
Strontium	86-1	2156013	2202875	2205881	2188256	1.28	cps
Strontium	88-1	18438921	18500783	18309976	18416560	0.53	cps
Sulfur	34-1	5271386	5331208	5307896	5303497	0.57	cps
Terbium	159-1	13280816	14092336	14537070	13970074	4.56	cps
Terbium	159-2	4682180	4679789	4783386	4715118	1.25	cps
Thallium	203-1	576809	577776	586619	580401	0.93	cps
Thallium	205-1	1370743	1394222	1386539	1383834	0.87	cps
Tin	118-1	9204	9435	9665	9435	2.44	cps
Titanium	47-1	8062	7932	8529	8175	3.84	cps
Uranium	238-1	15062	15169	14829	15020	1.16	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-04 Instrumnet Name : P8
Client Sample ID : MJNLG3S Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:16:29 DataFile Name : 072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1024120	1027041	1016353	1022504	0.54	cps
Ytterbium	172-1	830	747	750	776	6.08	cps
Ytterbium	172-2	303	367	317	329	10.15	cps
Ytterbium	176-1	2084	2304	2457	2281	8.23	cps
Ytterbium	176-2	387	430	477	431	10.44	cps
Yttrium	89-1	18157588	19802371	20288332	19416097	5.75	cps
Yttrium	89-2	1360530	1364120	1467239	1397296	4.34	cps
Zinc	66-2	178792	180574	181077	180148	0.67	cps
Zirconium	90-1	12889	12893	13266	13016	1.66	cps
Zirconium	91-1	2754	3097	2977	2943	5.92	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-05 Instrumnet Name : P8
Client Sample ID : MJNLG4 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:19:42 DataFile Name : 073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393	400	380	391	2.60	cps
Antimony	121-1	4247	4504	4284	4345	3.20	cps
Arsenic	75-2	747	700	623	690	9.03	cps
Barium	135-1	8683	8633	8376	8564	1.92	cps
Barium	137-1	14792	14715	14975	14827	0.90	cps
Beryllium	9-1	612	586	584	594	2.68	cps
Bismuth	209-1	7542050	8049682	8246614	7946116	4.57	cps
Bismuth	209-2	3237300	3279344	3223462	3246702	0.90	cps
Bromine	81-1	1827851	2100400	2238164	2055471	10.16	cps
Cadmium	108-1	50	33	47	43	20.36	cps
Cadmium	106-1	5551	6295	6315	6054	7.19	cps
Cadmium	111-1	1175	1312	1324	1270	6.50	cps
Calcium	43-1	1480785	1488955	1499537	1489759	0.63	cps
Calcium	44-1	23376695	24028472	24032986	23812718	1.59	cps
Carbon	12-1	7576458	8566944	9055918	8399773	8.97	cps
Carbon	12-2	63085	63178	63416	63226	0.27	cps
Chlorine	35-1	64523394	68913487	69667172	67701351	4.10	cps
Chlorine	35-2	269054	267860	269733	268883	0.35	cps
Chromium	52-2	1580	1590	1527	1566	2.17	cps
Cobalt	59-2	267	340	303	303	12.09	cps
Copper	63-2	40514	40992	41454	40987	1.15	cps
Dysprosium	156-1	253	257	257	256	0.75	cps
Dysprosium	156-2	113	110	80	101	18.16	cps
Erbium	164-1	337	340	357	344	3.11	cps
Erbium	164-2	97	133	113	114	16.04	cps
Gadolinium	160-1	353	297	303	318	9.75	cps
Gadolinium	160-2	120	117	127	121	4.20	cps
Holmium	165-1	13133661	14290504	14649689	14024618	5.65	cps
Holmium	165-2	5035841	5065100	5047478	5049473	0.29	cps
Indium	115-1	9818426	10723091	10939722	10493746	5.67	cps
Indium	115-2	1055963	1052887	1050222	1053024	0.27	cps
Iron	54-2	1173	1070	1060	1101	5.70	cps
Iron	56-2	18909	17968	18228	18369	2.65	cps
Iron	57-2	517	590	507	538	8.46	cps
Krypton	83-1	200	243	210	218	10.42	cps
Lead	206-1	1320	1463	1517	1433	7.10	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-05 Instrumnet Name : P8
Client Sample ID : MJNLG4 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:19:42 DataFile Name : 073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1257	1237	1250	1248	0.82	cps
Lead	208-1	5401	5677	5791	5623	3.57	cps
Lithium	6-1	6268013	6768088	6742422	6592841	4.27	cps
Magnesium	24-2	13593407	13464039	13383647	13480364	0.79	cps
Manganese	55-2	3117	3017	3020	3051	1.86	cps
Molybdenum	94-1	6338	6155	6131	6208	1.82	cps
Molybdenum	95-1	9957	10147	10221	10108	1.35	cps
Molybdenum	96-1	10027	10170	10674	10291	3.30	cps
Molybdenum	97-1	5898	5918	6151	5989	2.35	cps
Molybdenum	98-1	15409	15449	15652	15503	0.84	cps
Neodymium	150-1	283	307	363	318	12.95	cps
Neodymium	150-2	80	63	57	67	18.03	cps
Nickel	60-2	2484	2810	2734	2676	6.39	cps
Phosphorus	31-2	217	200	227	214	6.28	cps
Potassium	39-2	2922045	2862983	2867781	2884270	1.14	cps
Rhodium	103-1	8711009	9392790	9701494	9268431	5.47	cps
Rhodium	103-2	3666120	3660519	3679562	3668734	0.27	cps
Scandium	45-1	7621648	8535209	8643852	8266903	6.79	cps
Scandium	45-2	146444	145952	145592	145996	0.29	cps
Selenium	82-1	960	1000	1063	1008	5.17	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	3	17	3	8	99.04	cps
Silicon	28-1	208458897	214253070	215937890	212883286	1.84	cps
Silver	107-1	1290	1050	937	1092	16.52	cps
Silver	109-1	1077	880	693	883	21.70	cps
Sodium	23-2	227092470	227242790	228140610	227491957	0.25	cps
Strontium	86-1	1773453	1814558	1801145	1796386	1.17	cps
Strontium	88-1	14615200	15240519	15186167	15013962	2.31	cps
Sulfur	34-1	3619438	3704630	3696387	3673485	1.28	cps
Terbium	159-1	13576702	14977599	15077763	14544021	5.77	cps
Terbium	159-2	4840285	4877147	4867695	4861709	0.39	cps
Thallium	203-1	667	660	677	668	1.26	cps
Thallium	205-1	1567	1583	1653	1601	2.87	cps
Tin	118-1	2192	2010	2327	2176	7.31	cps
Titanium	47-1	4861	5194	5221	5092	3.94	cps
Uranium	238-1	10261	10241	10194	10232	0.33	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-05 Instrumnet Name : P8
Client Sample ID : MJNLG4 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:19:42 DataFile Name : 073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	16476	16616	16620	16571	0.49	cps
Ytterbium	172-1	223	197	250	223	11.94	cps
Ytterbium	172-2	77	90	93	87	10.17	cps
Ytterbium	176-1	1653	1970	2004	1876	10.30	cps
Ytterbium	176-2	303	310	323	312	3.26	cps
Yttrium	89-1	18533041	20738010	20973892	20081647	6.70	cps
Yttrium	89-2	1466255	1482790	1470384	1473143	0.58	cps
Zinc	66-2	1057	1037	917	1003	7.55	cps
Zirconium	90-1	1773	2070	1920	1921	7.72	cps
Zirconium	91-1	353	390	537	427	22.74	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-06 Instrumnet Name : P8
Client Sample ID : MJNLG6 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:22:56 DataFile Name : 074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	440	370	397	402	8.78	cps
Antimony	121-1	4297	4231	4477	4335	2.94	cps
Arsenic	75-2	700	680	750	710	5.08	cps
Barium	135-1	8289	8376	8216	8294	0.97	cps
Barium	137-1	14531	14428	14508	14489	0.37	cps
Beryllium	9-1	579	554	544	559	3.23	cps
Bismuth	209-1	7685449	9188117	8441317	8438294	8.90	cps
Bismuth	209-2	3284804	3259909	2856969	3133894	7.66	cps
Bromine	81-1	1848911	2110864	2262116	2073963	10.08	cps
Cadmium	108-1	70	40	43	51	32.17	cps
Cadmium	106-1	5781	7669	6445	6632	14.44	cps
Cadmium	111-1	1207	1569	1375	1384	13.08	cps
Calcium	43-1	1467622	1452240	1522513	1480792	2.49	cps
Calcium	44-1	23769101	23504042	24019913	23764352	1.09	cps
Carbon	12-1	7652164	8525787	8941203	8373051	7.86	cps
Carbon	12-2	62770	62716	62960	62815	0.20	cps
Chlorine	35-1	64469749	66571066	68947796	66662870	3.36	cps
Chlorine	35-2	263763	265080	268386	265743	0.90	cps
Chromium	52-2	3827	3897	3961	3895	1.71	cps
Cobalt	59-2	240	277	297	271	10.60	cps
Copper	63-2	39766	40193	40036	39998	0.54	cps
Dysprosium	156-1	287	277	257	273	5.59	cps
Dysprosium	156-2	117	100	133	117	14.29	cps
Erbium	164-1	337	343	307	329	5.94	cps
Erbium	164-2	103	113	113	110	5.25	cps
Gadolinium	160-1	313	337	360	337	6.93	cps
Gadolinium	160-2	127	143	97	122	19.35	cps
Holmium	165-1	13684992	16646579	15268296	15199956	9.75	cps
Holmium	165-2	5069145	4984046	4534041	4862411	5.91	cps
Indium	115-1	10132832	12444833	11405488	11327718	10.22	cps
Indium	115-2	1052058	1045379	939718	1012385	6.22	cps
Iron	54-2	1877	1907	2007	1930	3.53	cps
Iron	56-2	31505	31505	31678	31563	0.32	cps
Iron	57-2	850	867	853	857	1.03	cps
Krypton	83-1	220	230	203	218	6.19	cps
Lead	206-1	1313	1397	1197	1302	7.71	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-06 Instrumnet Name : P8
Client Sample ID : MJNLG6 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:22:56 DataFile Name : 074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1177	1087	1180	1148	4.61	cps
Lead	208-1	5144	5154	5291	5196	1.58	cps
Lithium	6-1	6371200	7612562	7044272	7009344	8.87	cps
Magnesium	24-2	13442539	13327864	13604610	13458338	1.03	cps
Manganese	55-2	2274	1993	2017	2095	7.42	cps
Molybdenum	94-1	6111	6155	6378	6215	2.30	cps
Molybdenum	95-1	10000	9974	10211	10062	1.29	cps
Molybdenum	96-1	9997	10411	10718	10375	3.49	cps
Molybdenum	97-1	5625	5718	5991	5778	3.30	cps
Molybdenum	98-1	15472	15409	15312	15398	0.52	cps
Neodymium	150-1	367	297	313	326	11.23	cps
Neodymium	150-2	70	73	67	70	4.76	cps
Nickel	60-2	2924	3064	3107	3031	3.16	cps
Phosphorus	31-2	217	247	280	248	12.79	cps
Potassium	39-2	2906008	2867580	2915864	2896484	0.88	cps
Rhodium	103-1	8969957	10920253	9965291	9951834	9.80	cps
Rhodium	103-2	3648442	3674801	3329576	3550940	5.41	cps
Scandium	45-1	8001301	9682687	8868534	8850841	9.50	cps
Scandium	45-2	144222	145565	130292	140026	6.04	cps
Selenium	82-1	857	1080	1120	1019	13.93	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	13	13	20	16	24.76	cps
Silicon	28-1	210535277	210702697	210611350	210616441	0.04	cps
Silver	107-1	560	543	630	578	7.96	cps
Silver	109-1	363	423	440	409	9.86	cps
Sodium	23-2	228751443	226305303	229214883	228090543	0.69	cps
Strontium	86-1	1780223	1778562	1773204	1777330	0.21	cps
Strontium	88-1	14840750	14907417	15131599	14959922	1.02	cps
Sulfur	34-1	3639099	3664873	3669383	3657785	0.45	cps
Terbium	159-1	14109090	17028997	15468662	15535583	9.40	cps
Terbium	159-2	4833168	4830358	4347045	4670190	5.99	cps
Thallium	203-1	550	557	533	547	2.20	cps
Thallium	205-1	1280	1190	1173	1215	4.73	cps
Tin	118-1	2073	1954	1996	2008	3.03	cps
Titanium	47-1	4811	4891	5091	4931	2.93	cps
Uranium	238-1	10254	10034	9981	10090	1.44	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-06 Instrumnet Name : P8
Client Sample ID : MJNLG6 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:22:56 DataFile Name : 074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	16376	16193	16433	16334	0.77	cps
Ytterbium	172-1	197	293	190	227	25.51	cps
Ytterbium	172-2	93	110	67	90	24.28	cps
Ytterbium	176-1	1830	2180	1977	1996	8.81	cps
Ytterbium	176-2	310	253	280	281	10.09	cps
Yttrium	89-1	19360736	23641336	21231717	21411263	10.02	cps
Yttrium	89-2	1480058	1456894	1305813	1414255	6.69	cps
Zinc	66-2	833	783	893	837	6.58	cps
Zirconium	90-1	1700	1890	1893	1828	6.06	cps
Zirconium	91-1	390	463	477	443	10.53	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-07 Instrumnet Name : P8
Client Sample ID : MJNLG7 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:26:14 DataFile Name : 075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360	313	287	320	11.60	cps
Antimony	121-1	2700	2920	2827	2816	3.92	cps
Arsenic	75-2	680	673	667	673	0.99	cps
Barium	135-1	9537	9613	9744	9631	1.09	cps
Barium	137-1	16717	16604	16837	16719	0.70	cps
Beryllium	9-1	565	529	575	556	4.37	cps
Bismuth	209-1	8525320	8519613	8463754	8502896	0.40	cps
Bismuth	209-2	3325488	3131252	2986630	3147790	5.40	cps
Bromine	81-1	1442945	1681572	1835735	1653417	11.97	cps
Cadmium	108-1	30	43	43	39	19.79	cps
Cadmium	106-1	6432	6432	6582	6482	1.34	cps
Cadmium	111-1	1329	1353	1356	1346	1.11	cps
Calcium	43-1	944232	958428	958811	953824	0.87	cps
Calcium	44-1	15899291	16432099	16314076	16215155	1.73	cps
Carbon	12-1	7207361	8240953	8710881	8053065	9.55	cps
Carbon	12-2	60798	61581	61765	61382	0.84	cps
Chlorine	35-1	51042719	54119936	55156201	53439619	4.00	cps
Chlorine	35-2	211269	213055	212997	212441	0.48	cps
Chromium	52-2	1237	1237	1163	1212	3.49	cps
Cobalt	59-2	190	150	207	182	15.98	cps
Copper	63-2	29327	29838	29080	29415	1.31	cps
Dysprosium	156-1	313	377	347	346	9.17	cps
Dysprosium	156-2	117	140	130	129	9.08	cps
Erbium	164-1	457	577	430	488	16.02	cps
Erbium	164-2	167	133	173	158	13.58	cps
Gadolinium	160-1	473	520	450	481	7.41	cps
Gadolinium	160-2	167	167	173	169	2.28	cps
Holmium	165-1	14904225	14941747	14985366	14943779	0.27	cps
Holmium	165-2	5204486	4814459	4567992	4862312	6.60	cps
Indium	115-1	11280131	11178279	11172039	11210150	0.54	cps
Indium	115-2	1066889	1009048	956694	1010877	5.45	cps
Iron	54-2	960	1053	1073	1029	5.88	cps
Iron	56-2	17284	17384	17087	17252	0.88	cps
Iron	57-2	397	413	473	428	9.43	cps
Krypton	83-1	173	157	210	180	15.16	cps
Lead	206-1	1167	1077	1220	1155	6.28	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-07 Instrumnet Name : P8
Client Sample ID : MJNLG7 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:26:14 DataFile Name : 075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1030	1033	1033	1032	0.19	cps
Lead	208-1	4484	4520	4614	4539	1.48	cps
Lithium	6-1	6938519	6915732	6901626	6918625	0.27	cps
Magnesium	24-2	8652471	8640809	8827005	8706762	1.20	cps
Manganese	55-2	2390	2150	2240	2260	5.37	cps
Molybdenum	94-1	5985	6248	6488	6240	4.04	cps
Molybdenum	95-1	10097	9977	10150	10075	0.88	cps
Molybdenum	96-1	10257	10821	10527	10535	2.68	cps
Molybdenum	97-1	6141	6055	5961	6052	1.49	cps
Molybdenum	98-1	15058	15305	15789	15384	2.42	cps
Neodymium	150-1	427	440	370	412	9.02	cps
Neodymium	150-2	100	83	97	93	9.45	cps
Nickel	60-2	2687	2747	2644	2693	1.93	cps
Phosphorus	31-2	263	193	197	218	18.13	cps
Potassium	39-2	2515269	2479765	2566233	2520422	1.72	cps
Rhodium	103-1	9915517	9797062	9850971	9854517	0.60	cps
Rhodium	103-2	3743062	3567649	3372108	3560940	5.21	cps
Scandium	45-1	8651698	8692033	8690321	8678017	0.26	cps
Scandium	45-2	147757	139627	131776	139720	5.72	cps
Selenium	82-1	630	837	833	767	15.44	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	0	7	13	7	99.98	cps
Silicon	28-1	218308630	220851677	219232690	219464332	0.59	cps
Silver	107-1	470	403	447	440	7.69	cps
Silver	109-1	330	357	307	331	7.56	cps
Sodium	23-2	196900144	196159004	195732104	196263750	0.30	cps
Strontium	86-1	1052257	1066047	1072150	1063485	0.96	cps
Strontium	88-1	9440130	9635776	9640615	9572173	1.19	cps
Sulfur	34-1	3047028	3102557	3080724	3076770	0.91	cps
Terbium	159-1	15056421	15265180	15146793	15156131	0.69	cps
Terbium	159-2	4962460	4668001	4404783	4678414	5.96	cps
Thallium	203-1	420	433	417	423	2.08	cps
Thallium	205-1	1157	1057	1050	1088	5.49	cps
Tin	118-1	2210	2228	2364	2267	3.72	cps
Titanium	47-1	4674	4848	4697	4740	1.99	cps
Uranium	238-1	21669	22046	21625	21780	1.06	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-07 Instrumnet Name : P8
Client Sample ID : MJNLG7 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:26:14 DataFile Name : 075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	16603	16380	16293	16425	0.98	cps
Ytterbium	172-1	257	320	347	308	15.02	cps
Ytterbium	172-2	110	147	163	140	19.49	cps
Ytterbium	176-1	1964	2047	2074	2028	2.83	cps
Ytterbium	176-2	250	290	267	269	7.47	cps
Yttrium	89-1	20880638	21114333	21295185	21096719	0.99	cps
Yttrium	89-2	1478141	1399055	1326872	1401356	5.40	cps
Zinc	66-2	537	467	463	489	8.47	cps
Zirconium	90-1	1903	1913	2030	1949	3.61	cps
Zirconium	91-1	490	510	383	461	14.77	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-08 Instrumnet Name : P8
Client Sample ID : MJNLG8 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:29:30 DataFile Name : 076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	303	267	284	6.45	cps
Antimony	121-1	3120	3297	3327	3248	3.44	cps
Arsenic	75-2	290	333	297	307	7.61	cps
Barium	135-1	13450	13490	13810	13584	1.45	cps
Barium	137-1	23975	24549	23908	24144	1.46	cps
Beryllium	9-1	506	515	522	515	1.58	cps
Bismuth	209-1	8492720	9171777	8732043	8798847	3.91	cps
Bismuth	209-2	3406384	3465479	3424755	3432206	0.88	cps
Bromine	81-1	915528	1067064	1152700	1045097	11.49	cps
Cadmium	108-1	33	33	37	34	5.60	cps
Cadmium	106-1	6365	6928	6775	6689	4.36	cps
Cadmium	111-1	1320	1429	1409	1386	4.21	cps
Calcium	43-1	1135607	1124940	1137492	1132680	0.60	cps
Calcium	44-1	19234646	19373077	19358084	19321936	0.39	cps
Carbon	12-1	6384004	7268935	7656938	7103292	9.18	cps
Carbon	12-2	51540	52577	52945	52354	1.39	cps
Chlorine	35-1	33377686	35836452	36537546	35250561	4.71	cps
Chlorine	35-2	139262	140269	139074	139535	0.46	cps
Chromium	52-2	953	967	867	929	5.85	cps
Cobalt	59-2	237	167	153	186	24.12	cps
Copper	63-2	12799	13043	12966	12936	0.96	cps
Dysprosium	156-1	117	113	107	112	4.54	cps
Dysprosium	156-2	27	3	37	22	76.99	cps
Erbium	164-1	213	210	143	189	20.90	cps
Erbium	164-2	57	93	40	63	43.08	cps
Gadolinium	160-1	127	163	153	148	12.83	cps
Gadolinium	160-2	37	70	50	52	32.12	cps
Holmium	165-1	14947863	15909456	15611429	15489583	3.18	cps
Holmium	165-2	5291488	5184297	5166047	5213944	1.30	cps
Indium	115-1	11208309	12182287	11680492	11690363	4.17	cps
Indium	115-2	1096534	1099259	1090161	1095318	0.43	cps
Iron	54-2	1047	1267	1173	1162	9.50	cps
Iron	56-2	19096	18959	19059	19038	0.37	cps
Iron	57-2	487	507	593	529	10.72	cps
Krypton	83-1	160	207	210	192	14.54	cps
Lead	206-1	1663	1693	1593	1650	3.11	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-08 Instrumnet Name : P8
Client Sample ID : MJNLG8 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:29:30 DataFile Name : 076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1547	1343	1357	1416	8.04	cps
Lead	208-1	6674	6174	6411	6420	3.90	cps
Lithium	6-1	6932133	7301906	7038356	7090798	2.68	cps
Magnesium	24-2	8471499	8407727	8367989	8415738	0.62	cps
Manganese	55-2	3310	3090	3320	3240	4.01	cps
Molybdenum	94-1	3517	3604	3517	3546	1.41	cps
Molybdenum	95-1	5838	5858	5781	5826	0.68	cps
Molybdenum	96-1	5918	6121	5941	5994	1.86	cps
Molybdenum	97-1	3164	3247	3480	3297	4.98	cps
Molybdenum	98-1	8669	8940	8589	8733	2.10	cps
Neodymium	150-1	57	123	123	101	38.07	cps
Neodymium	150-2	23	23	27	24	7.89	cps
Nickel	60-2	2907	2604	2977	2829	7.02	cps
Phosphorus	31-2	123	123	127	124	1.55	cps
Potassium	39-2	1558206	1605814	1567682	1577234	1.60	cps
Rhodium	103-1	9853109	10849120	10309952	10337394	4.82	cps
Rhodium	103-2	3854818	3879567	3851965	3862116	0.39	cps
Scandium	45-1	8613369	9241843	8947774	8934328	3.52	cps
Scandium	45-2	150599	152435	149488	150841	0.99	cps
Selenium	82-1	483	460	500	481	4.18	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	3	3	7	4	43.40	cps
Silicon	28-1	171971677	175105951	174938891	174005506	1.01	cps
Silver	107-1	267	427	337	343	23.36	cps
Silver	109-1	187	300	220	236	24.73	cps
Sodium	23-2	109663562	109957165	109494422	109705049	0.21	cps
Strontium	86-1	1113834	1146254	1147376	1135821	1.68	cps
Strontium	88-1	10112224	10177857	10433645	10241242	1.66	cps
Sulfur	34-1	2108532	2075580	2091394	2091835	0.79	cps
Terbium	159-1	14873410	16117043	15733052	15574502	4.09	cps
Terbium	159-2	4966930	5066513	4946036	4993160	1.29	cps
Thallium	203-1	393	303	383	360	13.70	cps
Thallium	205-1	927	817	897	880	6.46	cps
Tin	118-1	2535	2698	2692	2642	3.50	cps
Titanium	47-1	3517	3590	3527	3545	1.12	cps
Uranium	238-1	4411	4051	4351	4271	4.52	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : Q1128-08 Instrumnet Name : P8
Client Sample ID : MJNLG8 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:29:30 DataFile Name : 076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	12682	12959	13356	12999	2.61	cps
Ytterbium	172-1	207	210	197	204	3.39	cps
Ytterbium	172-2	43	93	63	67	37.75	cps
Ytterbium	176-1	1833	2137	2007	1992	7.64	cps
Ytterbium	176-2	280	270	310	287	7.26	cps
Yttrium	89-1	20957035	22463581	21942375	21787663	3.51	cps
Yttrium	89-2	1522469	1497678	1514130	1511426	0.83	cps
Zinc	66-2	930	833	1020	928	10.06	cps
Zirconium	90-1	930	980	1110	1007	9.23	cps
Zirconium	91-1	243	223	170	212	17.86	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV004 Instrumnet Name : P8
Client Sample ID : CCV004 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:32:49 DataFile Name : 077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2829692	2858450	2828078	2838740	0.60	cps
Antimony	121-1	6044295	5950521	6035765	6010194	0.86	cps
Arsenic	75-2	105810	106639	107784	106744	0.93	cps
Barium	135-1	7809561	7741833	7702627	7751340	0.70	cps
Barium	137-1	13106145	13138420	13339795	13194786	0.96	cps
Beryllium	9-1	2171899	2218300	2243561	2211253	1.64	cps
Bismuth	209-1	8156572	8198710	8179967	8178416	0.26	cps
Bismuth	209-2	3218396	3228469	3226163	3224343	0.16	cps
Bromine	81-1	227963	212390	199718	213357	6.63	cps
Cadmium	108-1	117707	118991	119727	118809	0.86	cps
Cadmium	106-1	170580	174373	172303	172419	1.10	cps
Cadmium	111-1	1362131	1377068	1372486	1370562	0.56	cps
Calcium	43-1	11981234	11913613	11956789	11950545	0.29	cps
Calcium	44-1	190453257	192260230	191570370	191427953	0.48	cps
Carbon	12-1	4013145	3986484	3971097	3990242	0.53	cps
Carbon	12-2	29433	28711	28902	29015	1.29	cps
Chlorine	35-1	3092231	2946177	2796020	2944809	5.03	cps
Chlorine	35-2	9710	8833	8913	9152	5.30	cps
Chromium	52-2	1238526	1258508	1257278	1251437	0.89	cps
Cobalt	59-2	2402943	2366702	2424334	2397993	1.21	cps
Copper	63-2	16969887	16976541	17039737	16995388	0.23	cps
Dysprosium	156-1	337	420	367	374	11.27	cps
Dysprosium	156-2	103	100	70	91	20.15	cps
Erbium	164-1	323	393	397	371	11.16	cps
Erbium	164-2	97	83	103	94	10.78	cps
Gadolinium	160-1	303	250	253	269	11.11	cps
Gadolinium	160-2	103	103	97	101	3.81	cps
Holmium	165-1	14919028	15046544	14843305	14936292	0.69	cps
Holmium	165-2	5066818	5117522	5080154	5088165	0.52	cps
Indium	115-1	11002438	10767831	10811104	10860458	1.15	cps
Indium	115-2	1033839	1045371	1047030	1042080	0.69	cps
Iron	54-2	13256516	13354326	13476875	13362572	0.83	cps
Iron	56-2	244122410	246730763	248476590	246443254	0.89	cps
Iron	57-2	6203929	6192713	6271180	6222607	0.68	cps
Krypton	83-1	223	227	233	228	2.24	cps
Lead	206-1	24266690	24087884	24498120	24284231	0.85	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV004 Instrumnet Name : P8
Client Sample ID : CCV004 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:32:49 DataFile Name : 077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	21225019	21073531	20954174	21084241	0.64	cps
Lead	208-1	96627368	96186429	96186745	96333514	0.26	cps
Lithium	6-1	6676326	6759063	6794068	6743152	0.90	cps
Magnesium	24-2	47809741	48222991	47843834	47958855	0.48	cps
Manganese	55-2	5628371	5671028	5717255	5672218	0.78	cps
Molybdenum	94-1	22310165	22161465	22315116	22262248	0.39	cps
Molybdenum	95-1	32155136	32249362	32280800	32228433	0.20	cps
Molybdenum	96-1	34522812	34745730	35030356	34766299	0.73	cps
Molybdenum	97-1	19429430	19415681	19663621	19502911	0.71	cps
Molybdenum	98-1	51434669	51958501	51951576	51781582	0.58	cps
Neodymium	150-1	790	723	893	802	10.68	cps
Neodymium	150-2	70	50	40	53	28.64	cps
Nickel	60-2	596519	598667	603050	599412	0.56	cps
Phosphorus	31-2	23252	23573	23593	23472	0.81	cps
Potassium	39-2	13782624	13827479	13778834	13796312	0.20	cps
Rhodium	103-1	9437958	9580327	9560133	9526139	0.81	cps
Rhodium	103-2	3597772	3660904	3637555	3632077	0.88	cps
Scandium	45-1	8439044	8583840	8469064	8497316	0.90	cps
Scandium	45-2	147413	148518	147875	147936	0.38	cps
Selenium	82-1	90796	90971	91212	90993	0.23	cps
Selenium	77-2	1617	1417	1583	1539	6.96	cps
Selenium	78-2	5171	5468	5211	5283	3.05	cps
Silicon	28-1	17910361	18351354	18376826	18212847	1.44	cps
Silver	107-1	7544959	7646713	7437887	7543186	1.38	cps
Silver	109-1	7115080	7199387	7125550	7146673	0.64	cps
Sodium	23-2	96369202	95882645	95859119	96036989	0.30	cps
Strontium	86-1	2283560	2293608	2306213	2294460	0.49	cps
Strontium	88-1	18999026	19206536	19392770	19199444	1.03	cps
Sulfur	34-1	972768	968980	997614	979787	1.59	cps
Terbium	159-1	15187374	15212469	15085215	15161686	0.44	cps
Terbium	159-2	4864702	4910488	4873115	4882768	0.50	cps
Thallium	203-1	6282922	6286362	6242755	6270680	0.39	cps
Thallium	205-1	14733903	14893833	14681825	14769854	0.75	cps
Tin	118-1	5655129	5687937	5647745	5663603	0.38	cps
Titanium	47-1	10127738	10192568	10245909	10188739	0.58	cps
Uranium	238-1	19877594	20037113	19740528	19885078	0.75	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCV004 Instrumnet Name : P8
Client Sample ID : CCV004 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:32:49 DataFile Name : 077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	989945	1000227	1000367	996846	0.60	cps
Ytterbium	172-1	423	417	400	413	2.91	cps
Ytterbium	172-2	180	150	160	163	9.35	cps
Ytterbium	176-1	30154	30348	30692	30398	0.90	cps
Ytterbium	176-2	9967	9647	10241	9952	2.99	cps
Yttrium	89-1	20945177	20952561	21031112	20976283	0.23	cps
Yttrium	89-2	1466525	1496171	1471364	1478020	1.08	cps
Zinc	66-2	1824839	1823494	1834525	1827619	0.33	cps
Zirconium	90-1	11289671	11127556	11235429	11217552	0.74	cps
Zirconium	91-1	2519925	2522381	2540881	2527729	0.45	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB004 Instrumnet Name : P8
Client Sample ID : CCB004 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:35:36 DataFile Name : 078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113	120	110	114	4.45	cps
Antimony	121-1	1443	1350	1097	1297	13.83	cps
Arsenic	75-2	0	13	3	6	124.93	cps
Barium	135-1	1000	847	670	839	19.69	cps
Barium	137-1	1500	1227	1150	1292	14.24	cps
Beryllium	9-1	1070	921	864	952	11.18	cps
Bismuth	209-1	9803088	9827167	9687247	9772501	0.77	cps
Bismuth	209-2	3859076	3878137	3820501	3852571	0.76	cps
Bromine	81-1	102753	97861	91388	97334	5.86	cps
Cadmium	108-1	53	43	23	40	38.19	cps
Cadmium	106-1	6972	6942	6742	6885	1.82	cps
Cadmium	111-1	1557	1445	1439	1480	4.50	cps
Calcium	43-1	987	760	683	810	19.47	cps
Calcium	44-1	18672	13306	11555	14511	25.56	cps
Carbon	12-1	2735991	2626859	2593805	2652218	2.81	cps
Carbon	12-2	16556	16142	16579	16426	1.50	cps
Chlorine	35-1	1744411	1634850	1565717	1648326	5.47	cps
Chlorine	35-2	5298	5314	4954	5189	3.92	cps
Chromium	52-2	817	733	883	811	9.27	cps
Cobalt	59-2	153	190	173	172	10.66	cps
Copper	63-2	4901	5188	5031	5040	2.85	cps
Dysprosium	156-1	10	20	30	20	50.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	53	73	83	70	21.82	cps
Erbium	164-2	13	20	23	19	26.96	cps
Gadolinium	160-1	23	73	40	46	55.89	cps
Gadolinium	160-2	20	10	7	12	56.76	cps
Holmium	165-1	15740212	15691855	15645554	15692540	0.30	cps
Holmium	165-2	5321597	5385047	5399953	5368865	0.78	cps
Indium	115-1	12139081	12280760	12095676	12171839	0.80	cps
Indium	115-2	1164330	1161171	1166643	1164048	0.24	cps
Iron	54-2	650	647	630	642	1.67	cps
Iron	56-2	9977	10070	10757	10268	4.15	cps
Iron	57-2	240	270	263	258	6.11	cps
Krypton	83-1	197	203	207	202	2.52	cps
Lead	206-1	4107	3164	2807	3359	20.00	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB004 Instrumnet Name : P8
Client Sample ID : CCB004 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:35:36 DataFile Name : 078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3270	2784	2350	2801	16.43	cps
Lead	208-1	15891	12883	11229	13334	17.73	cps
Lithium	6-1	7508206	7396819	7252660	7385895	1.73	cps
Magnesium	24-2	1360	1220	1340	1307	5.80	cps
Manganese	55-2	383	383	383	383	0.00	cps
Molybdenum	94-1	2077	1463	1180	1573	29.13	cps
Molybdenum	95-1	2754	1770	1367	1964	36.33	cps
Molybdenum	96-1	3130	1900	1560	2197	37.60	cps
Molybdenum	97-1	1640	1063	750	1151	39.22	cps
Molybdenum	98-1	4301	2687	2200	3063	35.90	cps
Neodymium	150-1	33	23	17	24	34.31	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1020	973	1087	1027	5.55	cps
Phosphorus	31-2	50	40	33	41	20.41	cps
Potassium	39-2	8336	8829	8429	8531	3.07	cps
Rhodium	103-1	11160761	11438374	11183129	11260755	1.37	cps
Rhodium	103-2	4293876	4296344	4334815	4308345	0.53	cps
Scandium	45-1	8986018	9008263	9010228	9001503	0.15	cps
Scandium	45-2	151358	151744	152533	151878	0.39	cps
Selenium	82-1	23	33	37	31	22.31	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	0	3	3	100.05	cps
Silicon	28-1	524396	510339	496074	510269	2.78	cps
Silver	107-1	1217	1163	1097	1159	5.19	cps
Silver	109-1	1197	890	840	976	19.80	cps
Sodium	23-2	91122	89764	88154	89680	1.66	cps
Strontium	86-1	497	447	337	427	19.19	cps
Strontium	88-1	1487	1040	800	1109	31.43	cps
Sulfur	34-1	364124	364969	361768	363620	0.46	cps
Terbium	159-1	15771076	16130987	16037079	15979714	1.17	cps
Terbium	159-2	5154380	5256936	5163303	5191540	1.09	cps
Thallium	203-1	1263	1077	923	1088	15.65	cps
Thallium	205-1	2894	2584	2187	2555	13.87	cps
Tin	118-1	1509	1389	1294	1397	7.69	cps
Titanium	47-1	793	510	457	587	30.85	cps
Uranium	238-1	1213	703	420	779	51.62	cps

LB Number : LB134585 Operator : Jaswal
Lab Sample ID : CCB004 Instrumnet Name : P8
Client Sample ID : CCB004 Dilution Factor : 1
Date & Time Acquired : 2025-01-21 18:35:36 DataFile Name : 078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37	17	17	23	49.48	cps
Ytterbium	172-1	107	90	83	93	12.88	cps
Ytterbium	172-2	27	23	23	24	7.89	cps
Ytterbium	176-1	1890	2074	1990	1985	4.63	cps
Ytterbium	176-2	247	207	277	243	14.43	cps
Yttrium	89-1	22490374	22235691	22293651	22339905	0.60	cps
Yttrium	89-2	1589082	1552644	1542648	1561458	1.57	cps
Zinc	66-2	263	310	303	292	8.64	cps
Zirconium	90-1	1623	1323	1167	1371	16.92	cps
Zirconium	91-1	397	243	233	291	31.45	cps