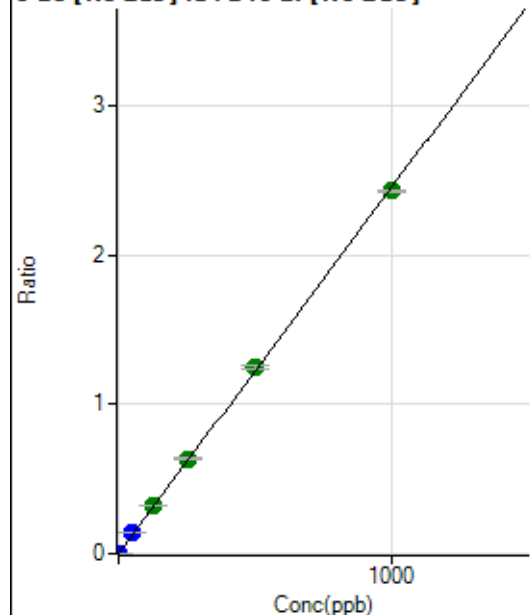


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8040725 MS.b\
Analysis File: P8040725 MS.batch.bin
DA Date-Time: 2025-04-07 16:00:11
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-04-07 11:29:45
2	006CALS.d	S02	2025-04-07 11:36:29
3	007CALB.d	S03	2025-04-07 11:39:50
4	008CALS.d	S04	2025-04-07 11:42:51
5	009CALS.d	S05	2025-04-07 11:45:39
6	010CALS.d	S06	2025-04-07 11:48:26
7	011CALS.d	S07	2025-04-07 11:51:11
8	012CALS.d	S08	2025-04-07 11:54:02

Calibration for 006CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	75.17	0.0000	P	12.2
2	☐	1.000	1.226	10086.30	0.0030	P	2.3
3	☐	50.000	56.540	458265.89	0.1385	P	2.3
4	☐	125.000	132.386	1057454.48	0.3244	A	1.5
5	☐	250.000	258.599	2032733.64	0.6336	A	2.0
6	☐	500.000	510.945	3900568.68	1.2518	A	1.8
7	☐	1000.000	991.128	7677169.74	2.4282	A	0.7
8	☐			314.55	0.0001	P	19.9

$$y = 0.0024 * x + 2.2163E-005$$

R = 0.9999

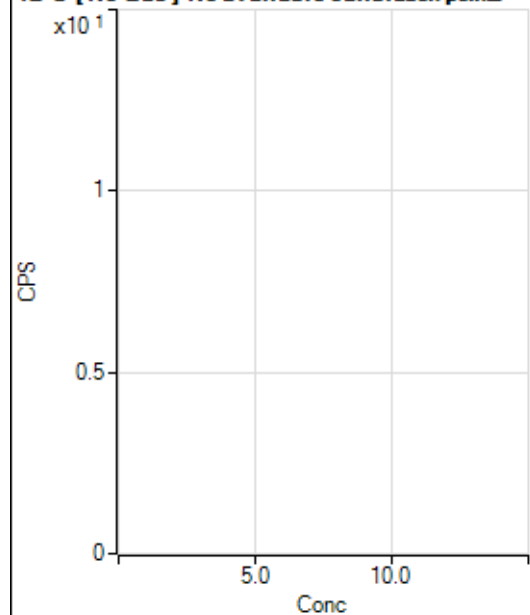
DL = 0.00331

BEC = 0.009046

Weight: <None>

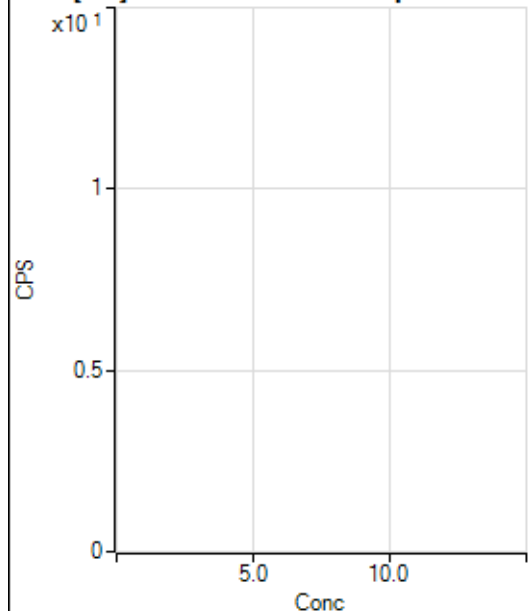
Min Conc: 0

12 C [No Gas] No available calibration points



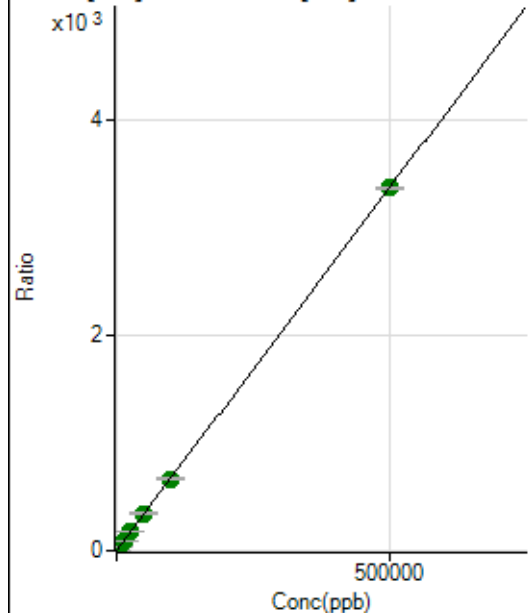
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4084702.20		A	3.5
2	☐			4404983.27		A	2.4
3	☐			4597642.53		A	1.7
4	☐			4716622.22		A	1.1
5	☐			4965558.40		A	1.1
6	☐			5391306.80		A	0.8
7	☐			6476955.39		A	2.3
8	☐			5252432.84		A	1.3

12 C [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			30162.05		P	0.4
2	☐			32396.79		P	1.1
3	☐			33813.29		P	0.5
4	☐			35259.98		P	0.5
5	☐			37821.83		P	0.6
6	☐			43028.31		P	0.1
7	☐			53802.38		P	1.1
8	☐			56432.08		P	1.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	54034.06	0.3429	P	1.5
2	☐	500.000	588.663	670740.76	4.3018	P	0.3
3	☐	5000.000	5448.974	5578731.03	36.9881	A	0.9
4	☐	12500.000	13331.454	13520773.27	89.9990	A	1.5
5	☐	25000.000	26054.707	26438731.55	175.5648	A	0.5
6	☐	50000.000	51577.487	52119820.33	347.2095	A	1.5
7	☐	100000.00	99107.711	103863417.34	666.8576	A	0.9
8	☐	500000.00	499942.60	487076526.08	3,362.5345	A	0.8

$$y = 0.0067 * x + 0.3429$$

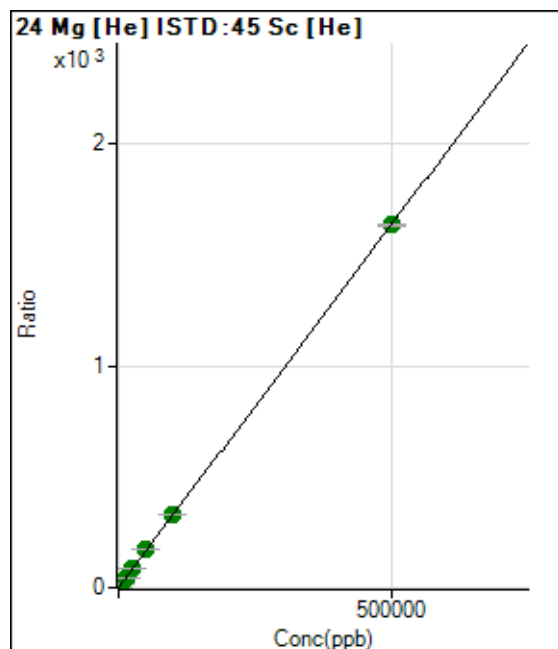
$$R = 1.0000$$

$$DL = 2.365$$

$$BEC = 50.99$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	547.79	0.0035	P	4.6
2	☐	500.000	608.386	311205.81	1.9959	P	0.7
3	☐	5000.000	5667.844	2800005.30	18.5648	A	0.4
4	☐	12500.000	13700.345	6741401.43	44.8701	A	0.7
5	☐	25000.000	26735.820	13185556.19	87.5594	A	1.2
6	☐	50000.000	52670.278	25893684.89	172.4909	A	1.0
7	☐	100000.00	99993.969	51004313.13	327.4691	A	0.3
8	☐	500000.00	499610.59	237006034.25	1,636.1551	A	0.6

$$y = 0.0033 * x + 0.0035$$

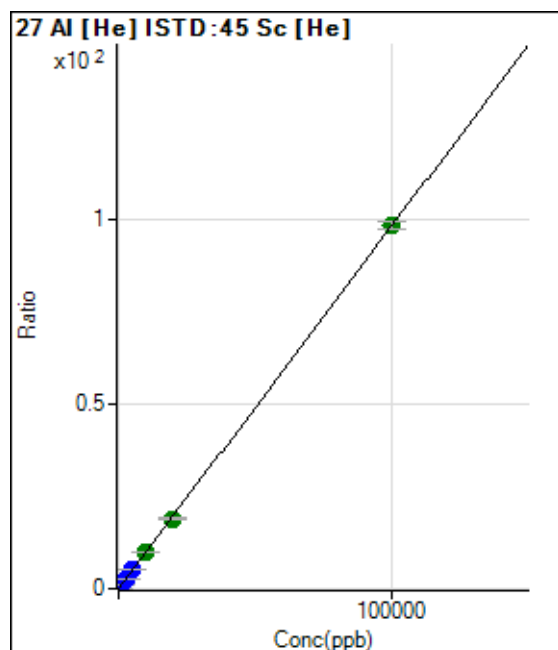
$$R = 1.0000$$

$$DL = 0.1473$$

$$BEC = 1.062$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	362.23	0.0023	P	10.8
2	☐	20.000	24.192	4062.83	0.0261	P	5.2
3	☐	1000.000	1098.664	163090.23	1.0813	P	0.5
4	☐	2500.000	2647.602	390999.58	2.6026	P	1.1
5	☐	5000.000	5149.294	761907.84	5.0595	P	1.3
6	☐	10000.000	9972.547	1470536.42	9.7965	A	1.8
7	☐	20000.000	19336.217	2958257.53	18.9928	A	0.6
8	☐	100000.00	100123.36	14243714.51	98.3354	A	2.1

$$y = 9.8212E-004 * x + 0.0023$$

$$R = 1.0000$$

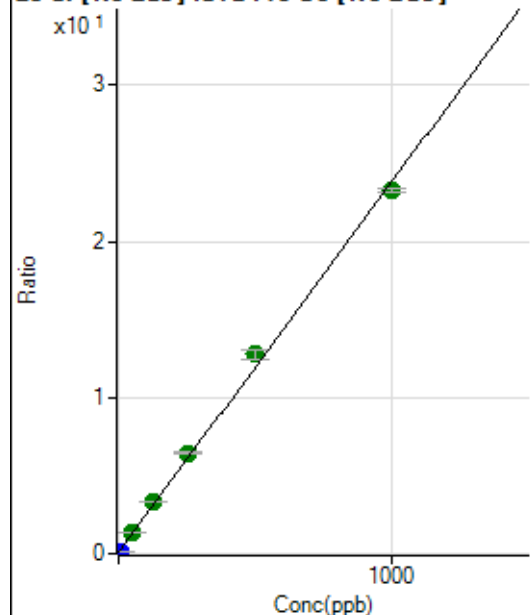
$$DL = 0.7589$$

$$BEC = 2.339$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	554210.01	0.0881	P	1.0
2	☐	10.000	1.230	723772.64	0.1173	P	3.4
3	☐	50.000	54.869	8591422.79	1.3888	A	1.7
4	☐	125.000	135.927	19857199.01	3.3102	A	0.1
5	☐	250.000	268.842	38839258.03	6.4608	A	1.3
6	☐	500.000	534.276	73905119.46	12.7527	A	4.4
7	☐	1000.000	976.630	139778202.36	23.2384	A	0.9
8	☐			978754.80	0.1806	M	7.7

$$y = 0.0237 * x + 0.0881$$

$$R = 0.9987$$

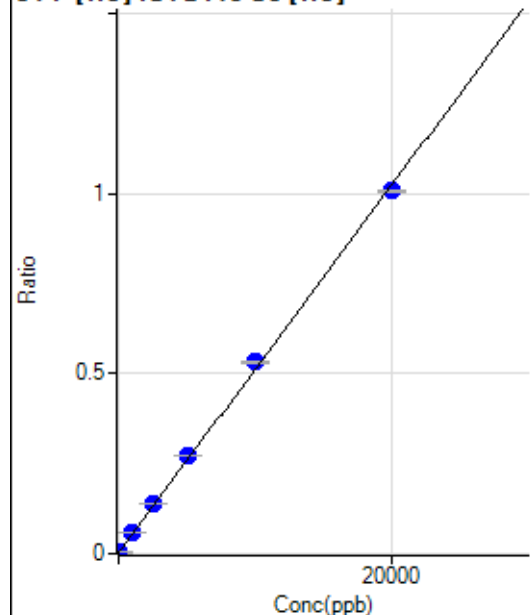
$$DL = 0.1106$$

$$BEC = 3.718$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-21.488	181.11	0.0012	P	21.3
2	☐	0.000	21.488	521.13	0.0033	P	8.9
3	☐	1000.000	1094.237	8750.48	0.0580	P	0.6
4	☐	2500.000	2652.441	20650.35	0.1374	P	0.8
5	☐	5000.000	5291.388	40952.14	0.2719	P	1.2
6	☐	10000.000	10398.806	79902.67	0.5323	P	1.0
7	☐	20000.000	19703.983	156777.76	1.0066	P	0.6
8	☐			228.89	0.0016	P	13.0

$$y = 5.0970E-005 * x + 0.0022$$

$$R = 0.9996$$

$$DL = 15.92$$

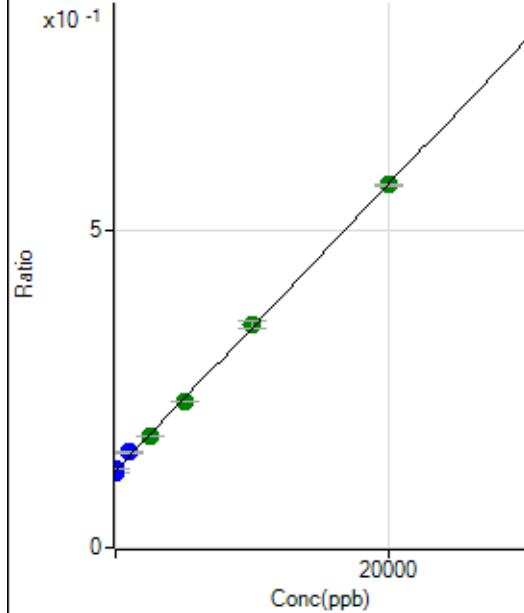
$$BEC = 44.06$$

Weight: <None>

Min Conc: 0

Calibration for 006CAL5.d

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-110.178	745699.79	0.1186	P	0.9
2	☐	0.000	110.178	762694.49	0.1236	P	1.2
3	☐	1000.000	1268.330	925985.01	0.1497	P	1.4
4	☐	2500.000	2430.479	1054997.02	0.1759	A	0.6
5	☐	5000.000	4804.898	1379035.00	0.2294	A	0.5
6	☐	10000.000	10213.654	2036281.93	0.3513	A	3.6
7	☐	20000.000	19937.222	3431241.09	0.5704	A	0.8
8	☐			599553.68	0.1107	P	1.5

$$y = 2.2538E-005 * x + 0.1211$$

$$R = 0.9997$$

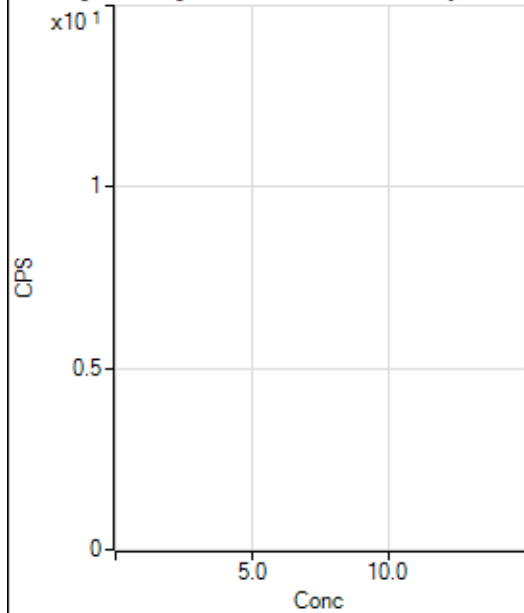
$$DL = 171.9$$

$$BEC = 5373$$

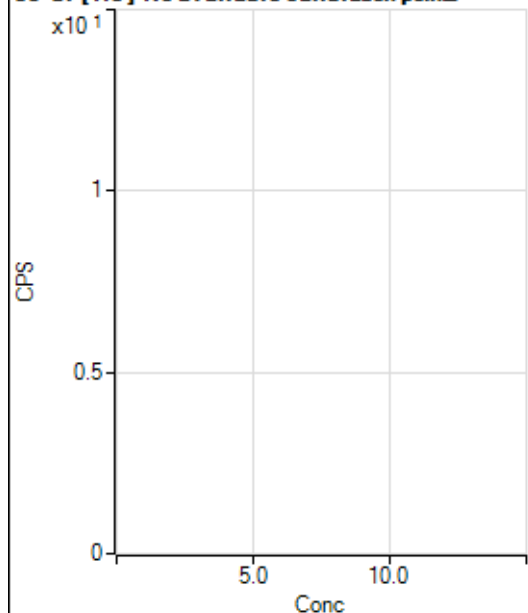
Weight: <None>

Min Conc: 0

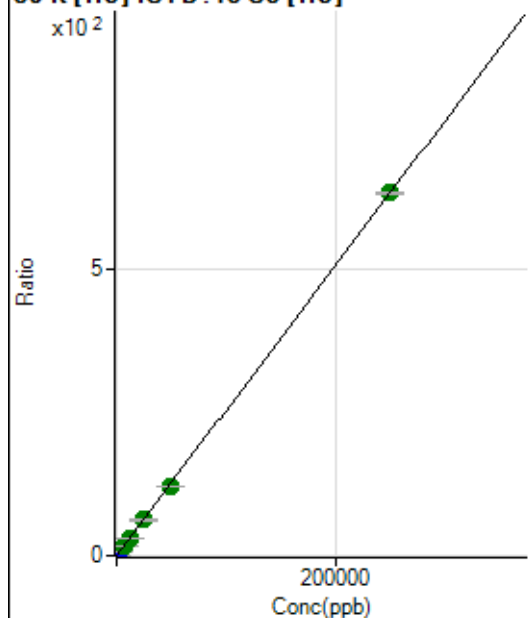
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			195717.10		P	1.4
2	☐			200328.98		P	0.5
3	☐			229321.96		P	0.2
4	☐			232312.79		P	1.5
5	☐			243180.89		P	1.6
6	☐			269146.02		P	1.3
7	☐			334217.75		P	2.1
8	☐			204174.79		P	0.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1042.27		P	9.9
2	☐			1091.17		P	5.4
3	☐			1230.07		P	4.8
4	☐			1250.07		P	2.6
5	☐			1238.96		P	4.0
6	☐			1462.31		P	2.3
7	☐			1890.14		P	1.8
8	☐			1255.63		P	5.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22599.98	0.1434	P	1.1
2	☐	500.000	545.588	237537.19	1.5234	P	0.2
3	☐	2500.000	2582.447	1006847.49	6.6756	P	0.4
4	☐	6250.000	6413.401	2458929.88	16.3658	A	0.4
5	☐	12500.000	12320.469	4714560.31	31.3074	A	1.1
6	☐	25000.000	24550.461	9343911.46	62.2425	A	1.0
7	☐	50000.000	47362.102	18681857.78	119.9433	A	0.4
8	☐	250000.00	250576.50	91834034.19	633.9634	A	0.3

$$y = 0.0025 * x + 0.1434$$

$$R = 0.9999$$

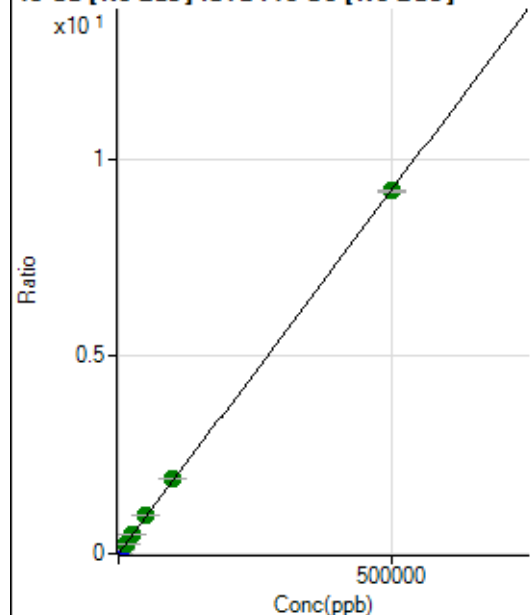
$$DL = 1.828$$

$$BEC = 56.69$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4700.81	0.0007	P	2.3
2	☐	500.000	577.241	70206.69	0.0114	P	1.5
3	☐	5000.000	5425.151	622552.94	0.1006	P	1.6
4	☐	12500.000	13393.711	1483752.48	0.2473	A	1.3
5	☐	25000.000	26325.525	2918410.37	0.4854	A	0.2
6	☐	50000.000	53089.745	5670672.07	0.9782	A	3.3
7	☐	100000.00	102629.55	11370193.58	1.8903	A	0.9
8	☐	500000.00	499072.16	49791317.03	9.1894	A	0.4

$$y = 1.8412E-005 * x + 7.4774E-004$$

R = 1.0000

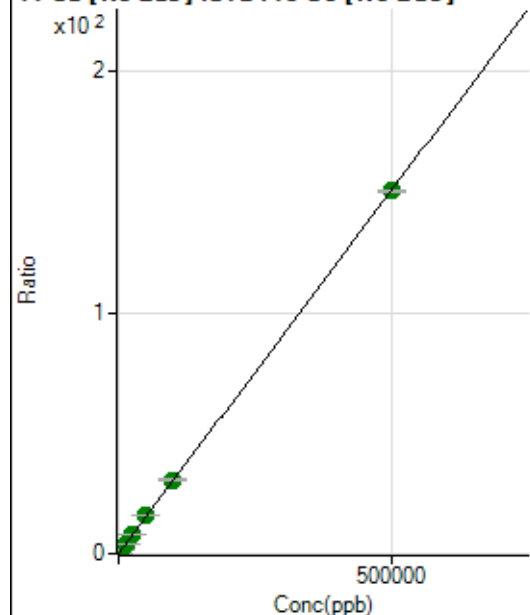
DL = 2.793

BEC = 40.61

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	89986.77	0.0143	P	1.3
2	☐	500.000	575.398	1159340.74	0.1878	P	0.9
3	☐	5000.000	5300.213	9977025.68	1.6127	A	2.0
4	☐	12500.000	13304.927	24155254.36	4.0268	A	0.7
5	☐	25000.000	25974.783	47178405.96	7.8478	A	0.7
6	☐	50000.000	52730.613	92259508.62	15.9168	A	3.7
7	☐	100000.00	101764.93	184688063.92	30.7046	A	0.8
8	☐	500000.00	499302.01	815950672.29	150.5937	A	0.9

$$y = 3.0158E-004 * x + 0.0143$$

R = 1.0000

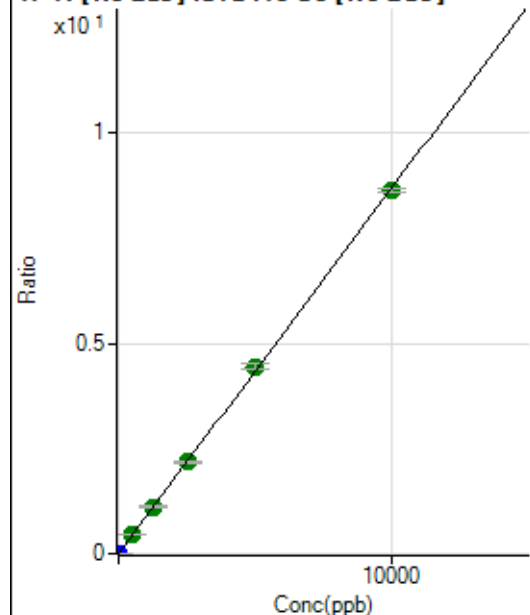
DL = 1.91

BEC = 47.46

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	328.90	0.0001	P	2.8
2	☐	5.000	5.701	30907.76	0.0050	P	1.4
3	☐	500.000	519.580	2794586.80	0.4517	A	0.5
4	☐	1250.000	1285.786	6704408.02	1.1177	A	0.9
5	☐	2500.000	2503.535	13082548.28	2.1762	A	0.3
6	☐	5000.000	5125.318	25822304.61	4.4550	A	3.8
7	☐	10000.000	9931.005	51922724.23	8.6322	A	0.9
8	☐			3949.47	0.0007	P	3.8

$$y = 8.6921E-004 * x + 5.2330E-005$$

$$R = 0.9999$$

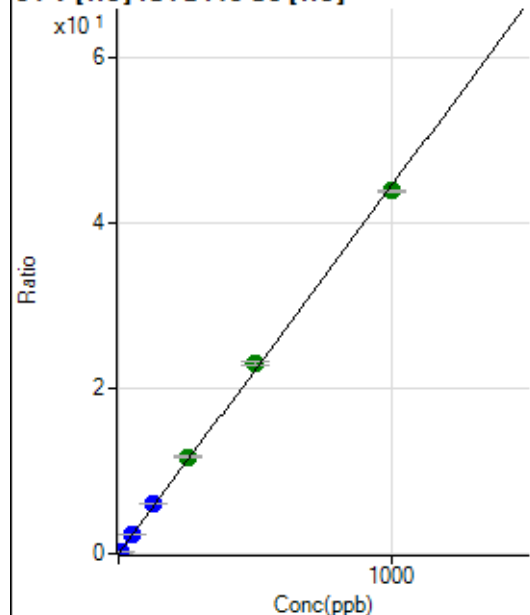
$$DL = 0.005$$

$$BEC = 0.0602$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	82.22	0.0005	P	32.0
2	☐	5.000	5.717	39718.27	0.2547	P	0.3
3	☐	50.000	54.476	365450.13	2.4230	P	0.6
4	☐	125.000	133.791	893931.99	5.9500	P	0.6
5	☐	250.000	263.169	1762395.48	11.7032	A	0.9
6	☐	500.000	517.980	3457695.57	23.0342	A	1.6
7	☐	1000.000	986.391	6831899.27	43.8637	A	0.8
8	☐			1694.56	0.0117	P	7.8

$$y = 0.0445 * x + 5.2249E-004$$

$$R = 0.9997$$

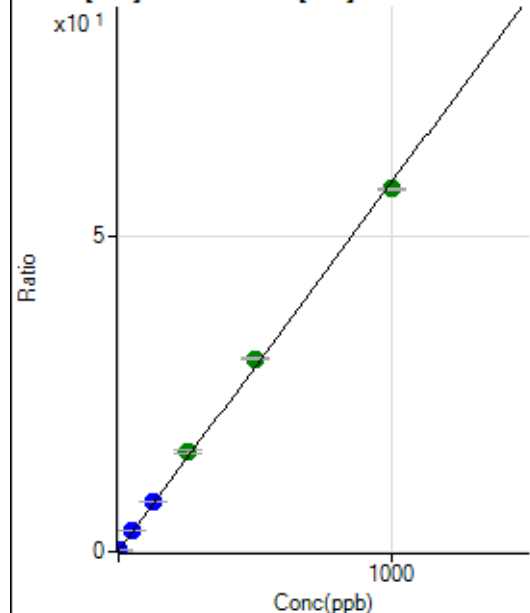
$$DL = 0.01128$$

$$BEC = 0.01175$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	14658.73	0.0930	P	1.2
2	☐	2.000	2.380	36137.89	0.2318	P	1.0
3	☐	50.000	54.622	494203.67	3.2767	P	0.9
4	☐	125.000	133.761	1185324.00	7.8894	P	0.3
5	☐	250.000	269.210	2376821.74	15.7842	A	2.3
6	☐	500.000	522.607	4586566.07	30.5536	A	1.7
7	☐	1000.000	982.567	8934630.07	57.3627	A	0.5
8	☐			71331.04	0.4924	P	1.7

$$y = 0.0583 * x + 0.0930$$

$$R = 0.9994$$

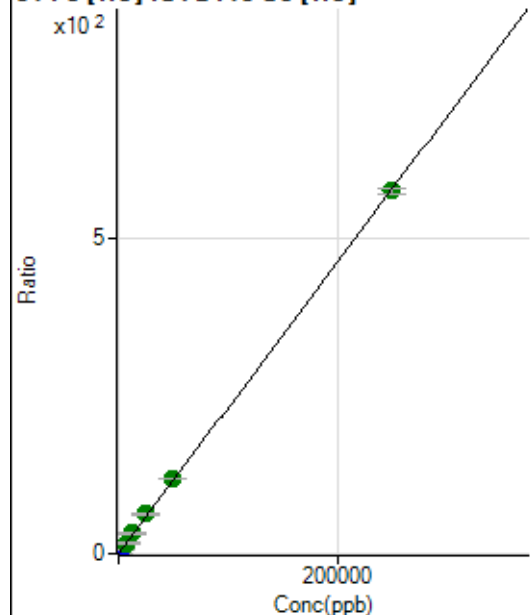
$$DL = 0.05723$$

$$BEC = 1.596$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3983.93	0.0253	P	3.2
2	☐	50.000	62.206	26285.36	0.1686	P	2.3
3	☐	2500.000	2900.077	1011370.49	6.7056	P	0.9
4	☐	6250.000	7259.035	2516124.62	16.7464	A	0.4
5	☐	12500.000	13889.919	4821910.21	32.0205	A	1.3
6	☐	25000.000	27281.040	9436824.93	62.8668	A	1.9
7	☐	50000.000	51479.184	18473694.72	118.6068	A	0.7
8	☐	250000.00	249377.33	83212239.32	574.4623	A	1.5

$$y = 0.0023 * x + 0.0253$$

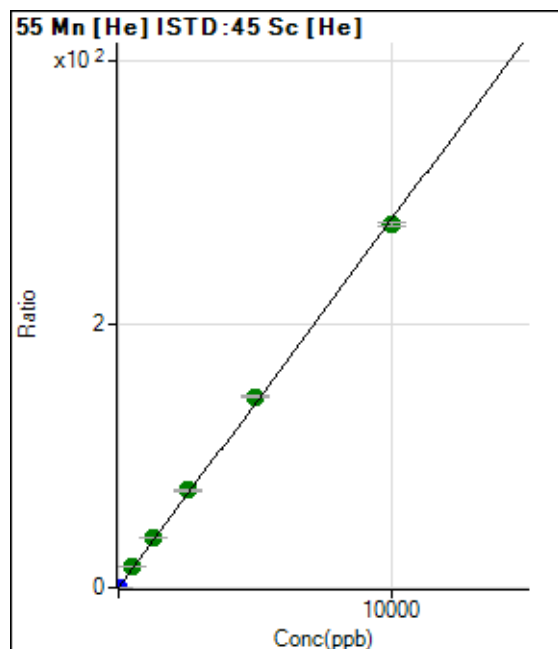
$$R = 0.9999$$

$$DL = 1.053$$

$$BEC = 10.98$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1852.36	0.0118	P	6.4
2	☐	1.000	1.038	6354.80	0.0408	P	3.6
3	☐	500.000	562.533	2371788.70	15.7257	A	1.0
4	☐	1250.000	1350.690	5670501.16	37.7422	A	0.3
5	☐	2500.000	2641.730	11114058.31	73.8064	A	2.2
6	☐	5000.000	5192.102	21773544.12	145.0491	A	1.4
7	☐	10000.000	9852.803	42870832.14	275.2422	A	0.9
8	☐			21290.38	0.1470	P	1.0

$$y = 0.0279 * x + 0.0118$$

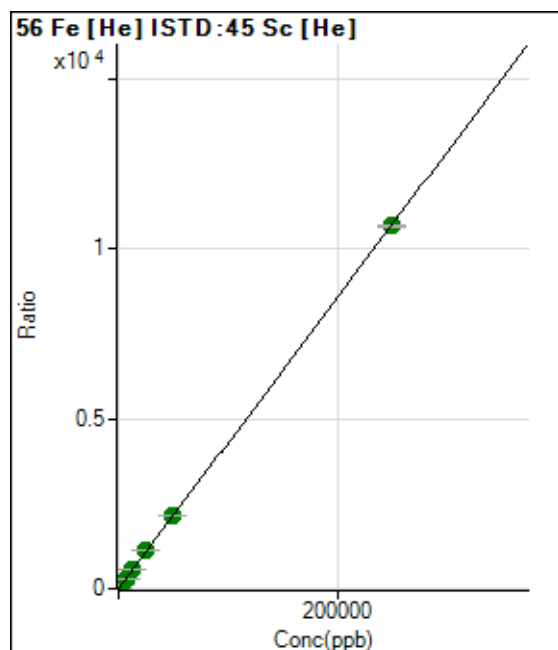
$$R = 0.9996$$

$$DL = 0.08019$$

$$BEC = 0.4207$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	59941.81	0.3804	P	1.8
2	☐	50.000	60.500	462678.21	2.9673	P	0.6
3	☐	2500.000	2870.240	18568300.00	123.1103	A	0.4
4	☐	6250.000	6991.042	44969151.00	299.3136	A	0.5
5	☐	12500.000	13552.814	87326210.92	579.8915	A	0.9
6	☐	25000.000	26755.028	171786317.44	1,144.4111	A	1.6
7	☐	50000.000	50457.270	336104023.88	2,157.9062	A	0.5
8	☐	250000.00	249658.17	1546423923.6	10,675.629	A	0.6

$$y = 0.0428 * x + 0.3804$$

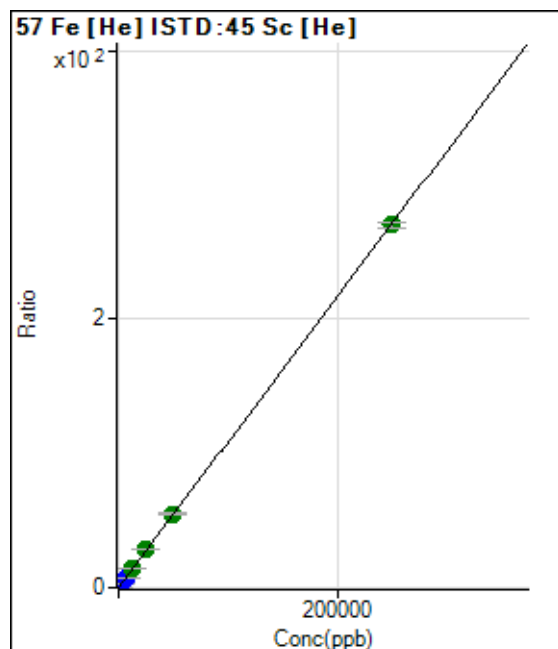
$$R = 1.0000$$

$$DL = 0.4746$$

$$BEC = 8.896$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1470.09	0.0093	P	2.5
2	☐	50.000	60.115	11601.47	0.0744	P	2.0
3	☐	2500.000	2826.922	462928.11	3.0693	P	0.7
4	☐	6250.000	6898.306	1123232.06	7.4763	P	0.7
5	☐	12500.000	13709.342	2236148.37	14.8488	A	1.1
6	☐	25000.000	26677.467	4336009.45	28.8859	A	1.7
7	☐	50000.000	50761.818	8559414.32	54.9556	A	0.8
8	☐	250000.00	249599.94	39136465.53	270.1845	A	1.5

$$y = 0.0011 * x + 0.0093$$

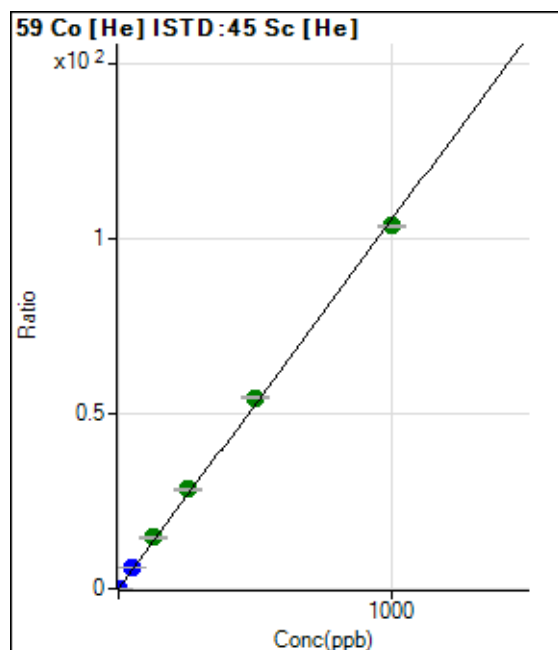
$$R = 1.0000$$

$$DL = 0.6447$$

$$BEC = 8.619$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	382.23	0.0024	P	4.1
2	☐	1.000	1.231	20598.34	0.1321	P	1.7
3	☐	50.000	55.426	880880.18	5.8405	P	1.0
4	☐	125.000	138.745	2196165.99	14.6166	A	1.5
5	☐	250.000	268.697	4262360.01	28.3045	A	1.3
6	☐	500.000	518.361	8196252.24	54.6018	A	1.6
7	☐	1000.000	984.155	16146094.76	103.6643	A	0.2
8	☐			32293.33	0.2229	P	1.7

$$y = 0.1053 * x + 0.0024$$

$$R = 0.9995$$

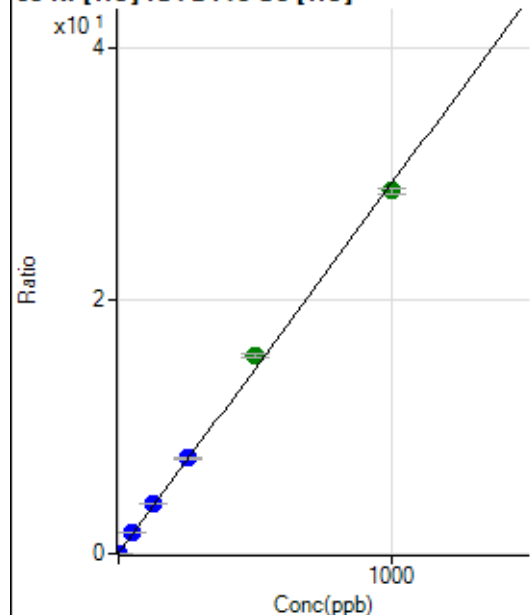
$$DL = 0.002855$$

$$BEC = 0.02302$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4122.86	0.0262	P	0.2
2	☐	1.000	1.180	9454.33	0.0606	P	2.1
3	☐	50.000	55.716	249520.57	1.6544	P	1.0
4	☐	125.000	134.128	592837.48	3.9459	P	0.5
5	☐	250.000	256.978	1134865.16	7.5361	P	0.9
6	☐	500.000	532.958	2341757.38	15.6013	A	2.2
7	☐	1000.000	980.350	4466306.11	28.6758	A	1.4
8	☐			33774.52	0.2332	P	0.8

$$y = 0.0292 * x + 0.0262$$

$$R = 0.9991$$

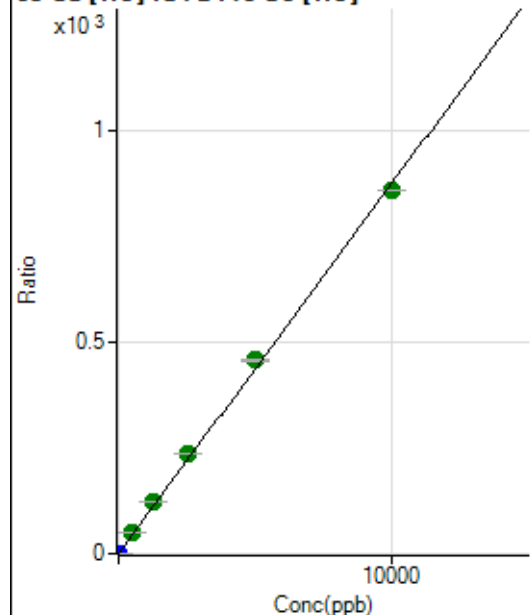
$$DL = 0.005656$$

$$BEC = 0.8952$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3132.60	0.0199	P	3.6
2	☐	2.000	2.258	33907.07	0.2175	P	0.6
3	☐	500.000	579.306	7648280.72	50.7099	A	0.5
4	☐	1250.000	1408.463	18518675.83	123.2622	A	1.0
5	☐	2500.000	2706.106	35661151.69	236.8076	A	0.7
6	☐	5000.000	5229.334	68690397.31	457.5932	A	1.4
7	☐	10000.000	9810.033	133700901.34	858.4102	A	0.1
8	☐			96545.05	0.6665	P	1.1

$$y = 0.0875 * x + 0.0199$$

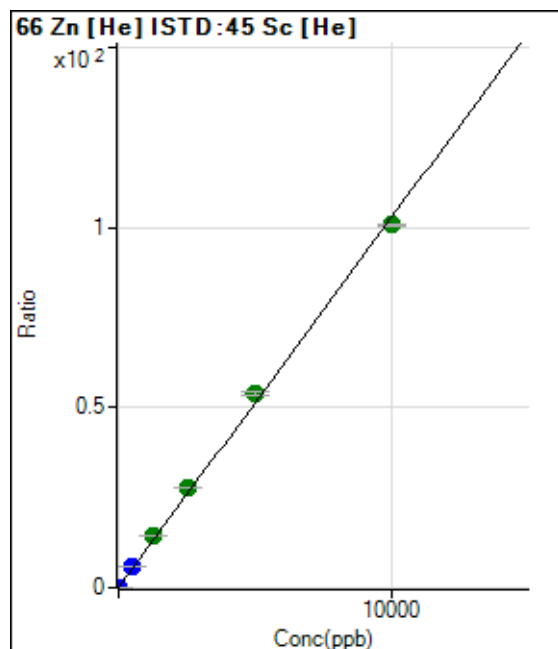
$$R = 0.9993$$

$$DL = 0.02476$$

$$BEC = 0.2271$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5128.76	0.0325	P	2.8
2	☐	2.000	4.837	12826.99	0.0823	P	1.1
3	☐	500.000	568.819	886810.03	5.8799	P	0.9
4	☐	1250.000	1416.729	2192899.92	14.5961	A	1.0
5	☐	2500.000	2706.191	4194305.46	27.8515	A	0.2
6	☐	5000.000	5245.070	8097890.71	53.9505	A	2.6
7	☐	10000.000	9801.635	15698572.40	100.7908	A	0.7
8	☐			29177.82	0.2014	P	0.8

$$y = 0.0103 * x + 0.0325$$

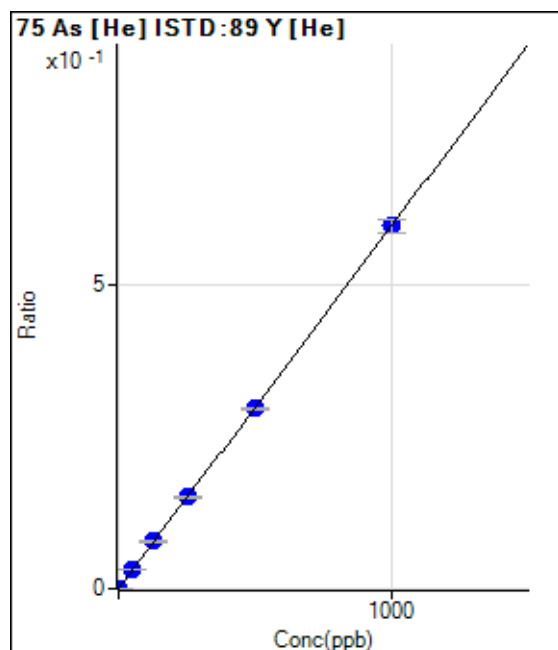
$$R = 0.9992$$

$$DL = 0.2621$$

$$BEC = 3.166$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	12.22	0.0000	P	16.4
2	☐	1.000	1.197	1133.39	0.0007	P	3.7
3	☐	50.000	51.726	46950.10	0.0308	P	1.7
4	☐	125.000	130.348	115266.47	0.0777	P	2.7
5	☐	250.000	251.938	225331.45	0.1502	P	0.9
6	☐	500.000	497.325	441346.06	0.2965	P	1.3
7	☐	1000.000	1000.098	867093.01	0.5962	P	4.0
8	☐			407.79	0.0003	P	9.5

$$y = 5.9617E-004 * x + 7.7842E-006$$

$$R = 1.0000$$

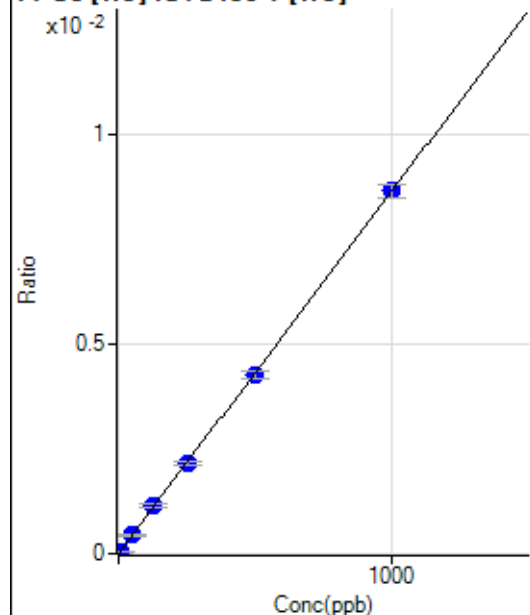
$$DL = 0.006436$$

$$BEC = 0.01306$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6.67	0.0000	P	49.5
2	☐	5.000	5.818	85.55	0.0001	P	17.8
3	☐	50.000	50.028	663.36	0.0004	P	8.1
4	☐	125.000	132.319	1699.01	0.0011	P	4.7
5	☐	250.000	248.608	3223.73	0.0021	P	2.9
6	☐	500.000	495.284	6367.05	0.0043	P	4.5
7	☐	1000.000	1001.786	12579.05	0.0086	P	3.4
8	☐			5.55	0.0000	P	125.0

$$y = 8.6273E-006 * x + 4.2376E-006$$

$$R = 1.0000$$

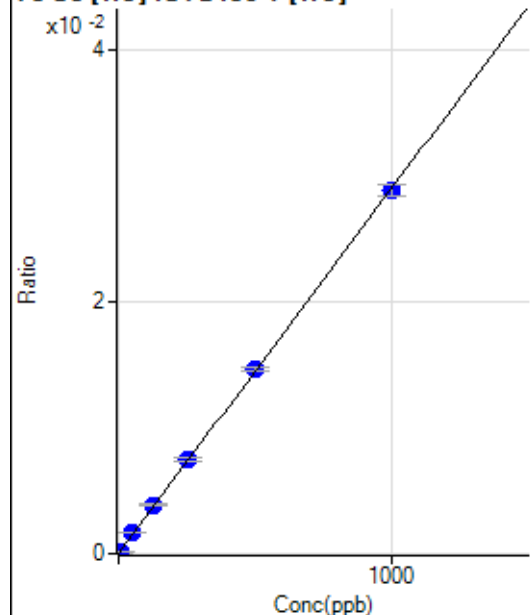
$$DL = 0.7288$$

$$BEC = 0.4912$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	34.0
2	☐	5.000	6.376	317.78	0.0002	P	3.0
3	☐	50.000	56.165	2503.58	0.0016	P	3.1
4	☐	125.000	133.620	5763.46	0.0039	P	5.8
5	☐	250.000	257.147	11197.87	0.0075	P	2.5
6	☐	500.000	506.094	21844.83	0.0147	P	1.5
7	☐	1000.000	993.774	41891.04	0.0288	P	3.2
8	☐			48.89	0.0000	P	14.5

$$y = 2.8961E-005 * x + 1.7645E-005$$

$$R = 0.9999$$

$$DL = 0.6218$$

$$BEC = 0.6092$$

Weight: <None>

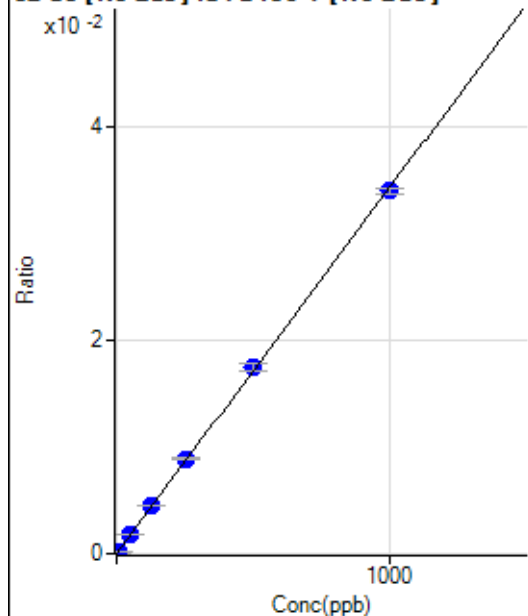
Min Conc: 0

81 Br [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			30408.64		P	3.0
2	☐			29503.39		P	1.7
3	☐			29295.09		P	1.3
4	☐			28965.54		P	1.6
5	☐			29419.82		P	3.5
6	☐			29516.65		P	0.8
7	☐			29900.81		P	0.8
8	☐			28709.47		P	1.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-16.67	0.0000	P	-409.
2	☐	5.000	5.818	3376.09	0.0002	P	2.3
3	☐	50.000	54.189	31678.96	0.0019	P	0.9
4	☐	125.000	131.646	75956.52	0.0045	P	1.5
5	☐	250.000	258.916	148667.32	0.0089	P	1.8
6	☐	500.000	510.790	285630.53	0.0175	P	3.6
7	☐	1000.000	991.332	554852.69	0.0340	P	1.5
8	☐			376.69	0.0000	P	24.0

$$y = 3.4335E-005 * x - 9.4614E-007$$

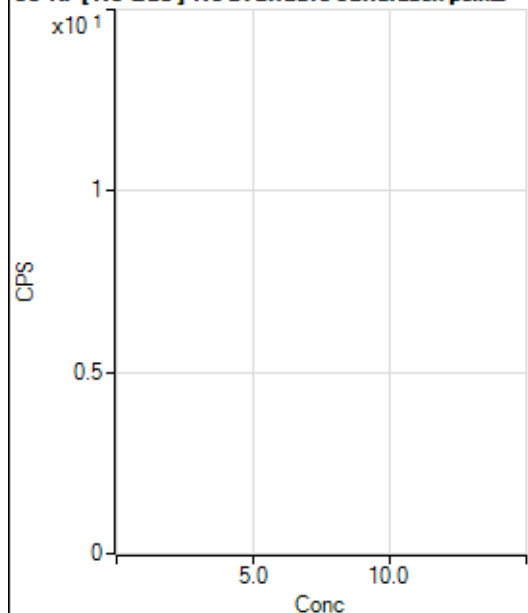
$$R = 0.9999$$

$$DL = 0.3381$$

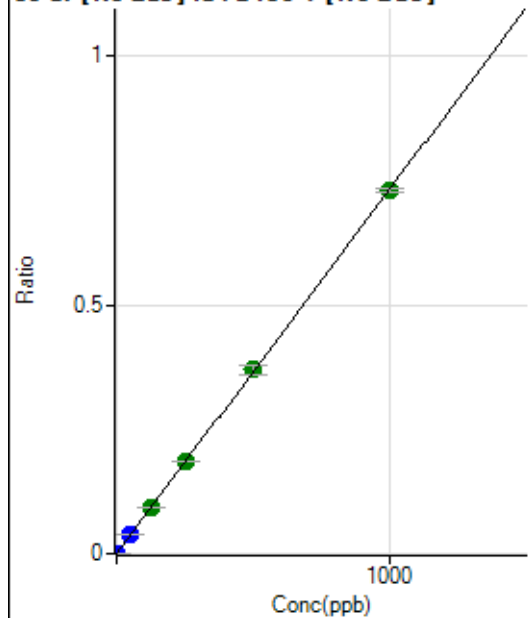
$$BEC = -0.02756$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			420.01		P	17.4
2	☐			408.90		P	13.2
3	☐			406.68		P	2.8
4	☐			442.23		P	7.4
5	☐			405.57		P	17.6
6	☐			430.01		P	13.6
7	☐			460.01		P	9.4
8	☐			491.13		P	7.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	824.48	0.0000	P	6.7
2	☐	1.000	1.115	14640.00	0.0009	P	1.4
3	☐	50.000	50.320	627751.36	0.0369	P	0.7
4	☐	125.000	128.614	1581884.89	0.0941	A	0.7
5	☐	250.000	252.348	3087727.21	0.1846	A	0.2
6	☐	500.000	504.907	6013900.33	0.3693	A	4.5
7	☐	1000.000	996.492	11882444.55	0.7289	A	1.0
8	☐			34998.14	0.0024	P	0.6

$$y = 7.3138E-004 * x + 4.7222E-005$$

$$R = 1.0000$$

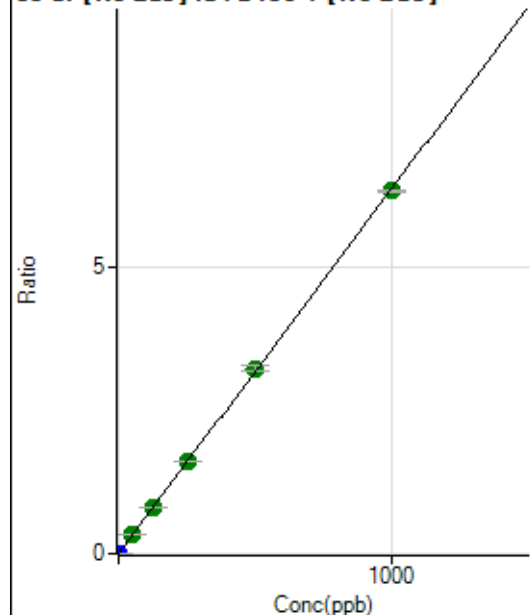
$$DL = 0.01304$$

$$BEC = 0.06456$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1819.03	0.0001	P	6.2
2	☐	1.000	1.093	119559.84	0.0070	P	0.4
3	☐	50.000	51.215	5537286.37	0.3251	A	0.9
4	☐	125.000	126.665	13509955.35	0.8038	A	0.4
5	☐	250.000	251.629	26704670.43	1.5967	A	0.8
6	☐	500.000	508.398	52535174.77	3.2258	A	3.9
7	☐	1000.000	995.125	102939007.36	6.3141	A	0.6
8	☐			299975.06	0.0203	P	0.9

$$y = 0.0063 * x + 1.0421E-004$$

$$R = 0.9999$$

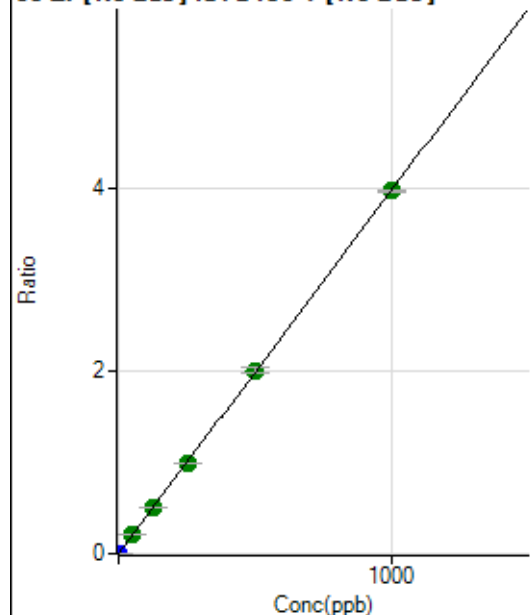
$$DL = 0.00305$$

$$BEC = 0.01642$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1005.60	0.0001	P	15.5
2	☐	1.000	1.056	72213.40	0.0043	P	1.1
3	☐	50.000	50.987	3452803.80	0.2027	A	2.0
4	☐	125.000	125.213	8365544.81	0.4977	A	0.4
5	☐	250.000	247.851	16476294.76	0.9851	A	1.2
6	☐	500.000	504.002	32626052.85	2.0032	A	3.5
7	☐	1000.000	998.460	64702978.48	3.9684	A	0.5
8	☐			27494.91	0.0019	P	2.5

$$y = 0.0040 * x + 5.7649E-005$$

$$R = 1.0000$$

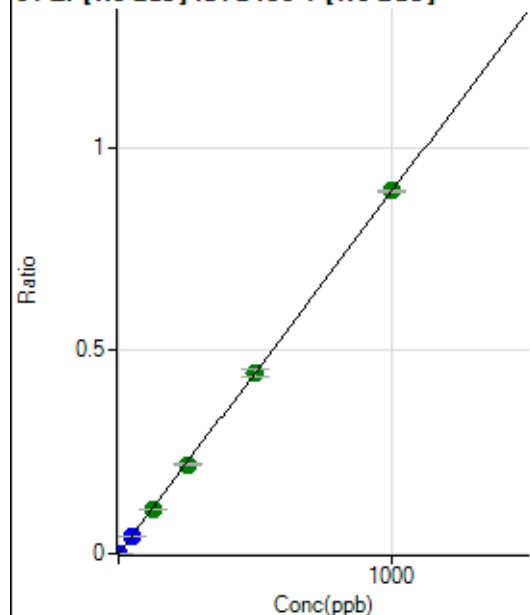
$$DL = 0.006725$$

$$BEC = 0.01451$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	158.89	0.0000	P	17.5
2	☐	1.000	1.038	15839.12	0.0009	P	1.8
3	☐	50.000	49.167	745885.03	0.0438	P	1.7
4	☐	125.000	123.971	1855520.87	0.1104	A	1.0
5	☐	250.000	246.019	3663905.16	0.2191	A	1.3
6	☐	500.000	498.179	7222766.42	0.4436	A	4.5
7	☐	1000.000	1002.076	14547560.76	0.8923	A	0.9
8	☐			6132.51	0.0004	P	2.0

$$y = 8.9041\text{E-}004 * x + 9.1024\text{E-}006$$

$$R = 1.0000$$

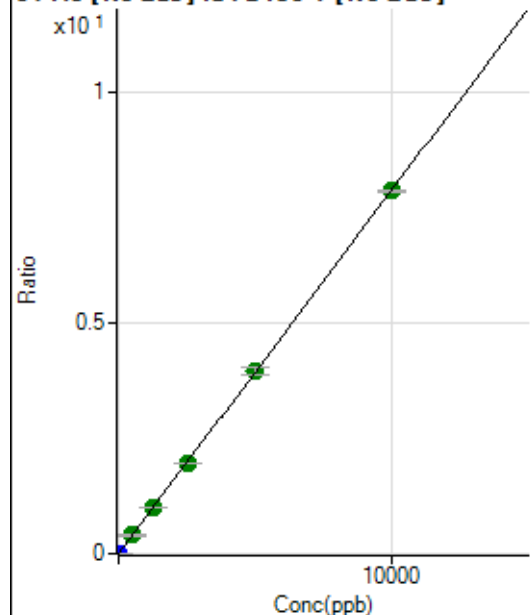
$$DL = 0.005358$$

$$BEC = 0.01022$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	640.02	0.0000	P	2.1
2	☐	5.000	6.391	85843.76	0.0051	P	2.5
3	☐	500.000	506.573	6779061.43	0.3979	A	1.6
4	☐	1250.000	1256.604	16590982.81	0.9871	A	1.1
5	☐	2500.000	2480.194	32583955.35	1.9482	A	1.4
6	☐	5000.000	5033.439	64383049.60	3.9538	A	4.4
7	☐	10000.000	9987.077	127902946.98	7.8449	A	0.5
8	☐			22597.34	0.0015	P	2.1

$$y = 7.8550\text{E-}004 * x + 3.6692\text{E-}005$$

$$R = 1.0000$$

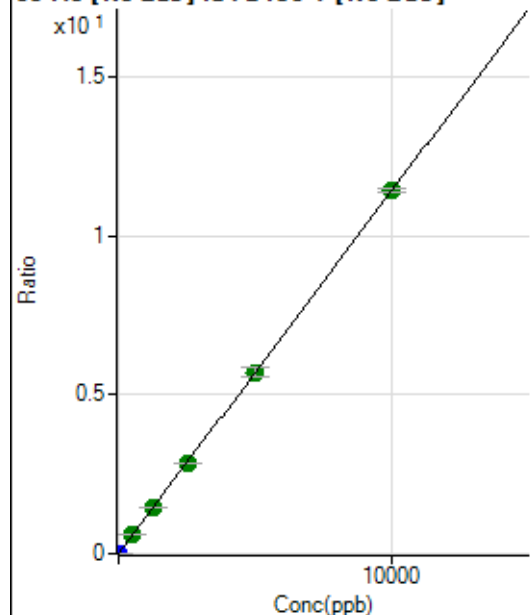
$$DL = 0.002955$$

$$BEC = 0.04671$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	685.58	0.0000	P	0.8
2	☐	5.000	5.336	104022.21	0.0061	P	1.0
3	☐	500.000	507.621	9867286.10	0.5792	A	0.9
4	☐	1250.000	1258.622	24138432.70	1.4361	A	1.0
5	☐	2500.000	2480.557	47337924.85	2.8304	A	1.2
6	☐	5000.000	5000.865	92900493.06	5.7060	A	4.9
7	☐	10000.000	10002.970	186066137.22	11.4134	A	1.1
8	☐			21490.03	0.0015	P	2.2

$$y = 0.0011 * x + 3.9313E-005$$

$$R = 1.0000$$

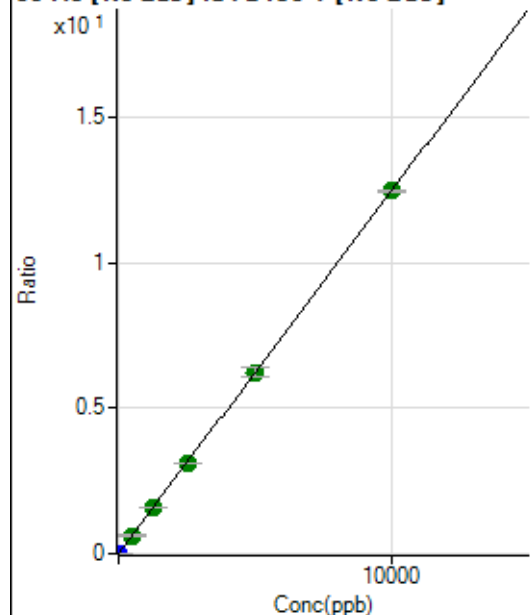
$$DL = 0.0008053$$

$$BEC = 0.03445$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	748.92	0.0000	P	4.2
2	☐	5.000	5.389	114845.60	0.0068	P	1.8
3	☐	500.000	502.189	10672128.38	0.6265	A	2.0
4	☐	1250.000	1262.693	26476572.94	1.5752	A	0.9
5	☐	2500.000	2477.099	51685733.12	3.0902	A	0.3
6	☐	5000.000	5006.254	101686290.71	6.2453	A	4.7
7	☐	10000.000	10000.902	203393708.08	12.4761	A	0.9
8	☐			38005.38	0.0026	P	2.5

$$y = 0.0012 * x + 4.2981E-005$$

$$R = 1.0000$$

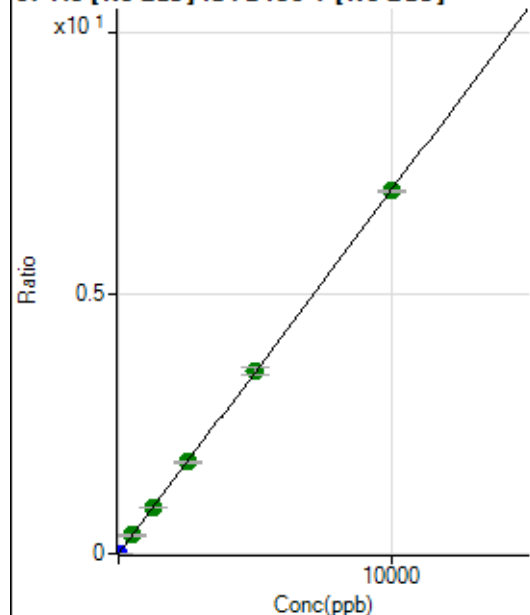
$$DL = 0.004389$$

$$BEC = 0.03445$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	452.24	0.0000	P	6.7
2	☐	5.000	5.400	64490.98	0.0038	P	2.0
3	☐	500.000	505.081	6012525.75	0.3530	A	1.3
4	☐	1250.000	1273.853	14961687.83	0.8902	A	0.9
5	☐	2500.000	2512.642	29366305.67	1.7558	A	1.3
6	☐	5000.000	5029.557	57234526.93	3.5145	A	4.0
7	☐	10000.000	9978.825	113688541.64	6.9730	A	0.5
8	☐			12983.96	0.0009	P	5.7

$$y = 6.9877E-004 * x + 2.5971E-005$$

$$R = 1.0000$$

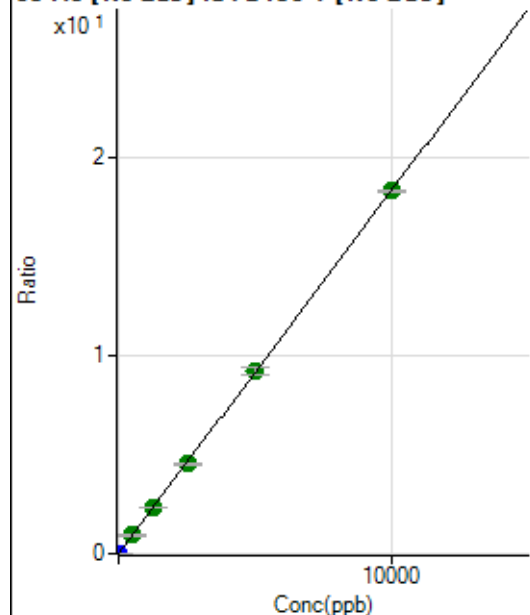
$$DL = 0.007454$$

$$BEC = 0.03717$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	954.49	0.0001	P	6.4
2	☐	5.000	5.340	167182.07	0.0098	P	1.6
3	☐	500.000	503.216	15721847.13	0.9229	A	1.2
4	☐	1250.000	1261.702	38893233.87	2.3140	A	0.5
5	☐	2500.000	2479.447	76055373.31	4.5473	A	1.5
6	☐	5000.000	5025.292	150049172.21	9.2163	A	4.9
7	☐	10000.000	9990.868	298721197.77	18.3229	A	0.6
8	☐			32606.14	0.0022	P	4.3

$$y = 0.0018 * x + 5.4797E-005$$

$$R = 1.0000$$

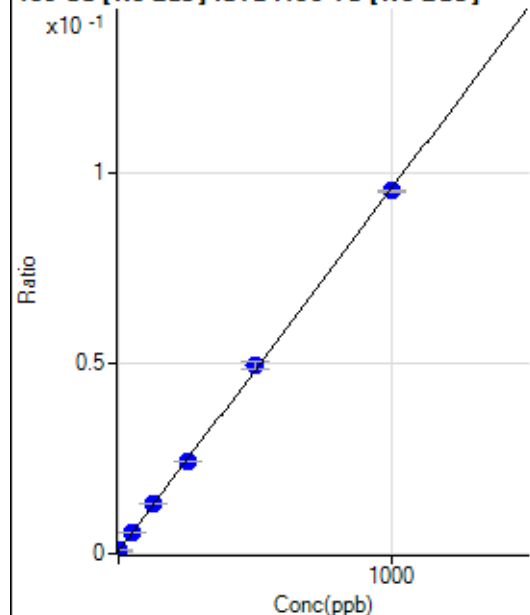
$$DL = 0.005723$$

$$BEC = 0.02988$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7552.14	0.0007	P	2.2
2	☐	1.000	0.998	8451.56	0.0008	P	1.8
3	☐	50.000	53.676	64333.34	0.0058	P	0.7
4	☐	125.000	130.876	143862.87	0.0132	P	1.3
5	☐	250.000	249.145	271188.03	0.0244	P	0.5
6	☐	500.000	510.730	523172.63	0.0494	P	4.0
7	☐	1000.000	993.930	1017944.63	0.0955	P	0.6
8	☐			6329.28	0.0007	P	2.1

$$y = 9.5396E-005 * x + 6.7277E-004$$

R = 0.9999

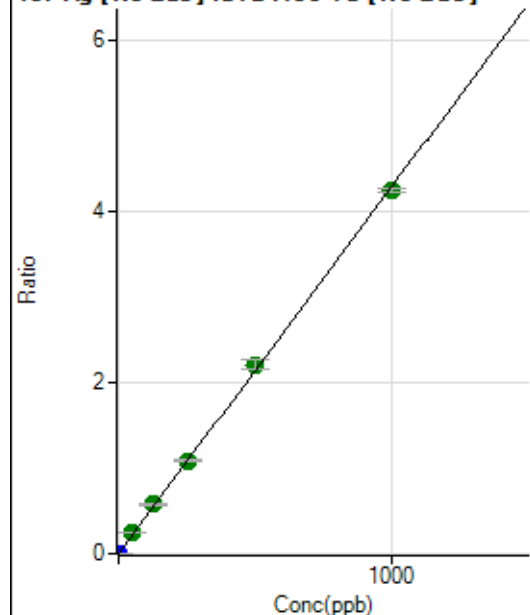
DL = 0.4589

BEC = 7.052

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	146.67	0.0000	P	14.2
2	☐	1.000	1.103	52212.79	0.0047	P	2.4
3	☐	50.000	55.361	2636723.74	0.2374	A	0.9
4	☐	125.000	134.328	6298920.39	0.5761	A	1.6
5	☐	250.000	252.692	12024485.24	1.0837	A	1.6
6	☐	500.000	516.559	23463527.71	2.2154	A	4.2
7	☐	1000.000	989.613	45244392.10	4.2442	A	1.0
8	☐			3922.83	0.0004	P	10.6

$$y = 0.0043 * x + 1.3032E-005$$

R = 0.9998

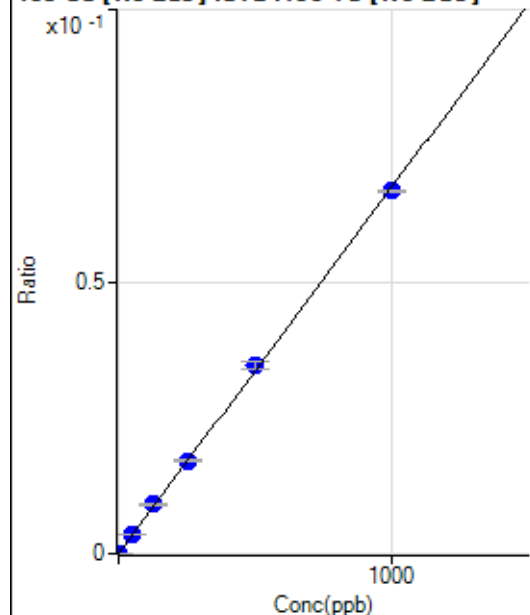
DL = 0.001299

BEC = 0.003039

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	69.4
2	☐	1.000	1.137	863.37	0.0001	P	12.8
3	☐	50.000	53.877	40276.40	0.0036	P	0.5
4	☐	125.000	134.003	98604.91	0.0090	P	0.3
5	☐	250.000	252.950	188852.68	0.0170	P	1.9
6	☐	500.000	514.138	366390.35	0.0346	P	4.3
7	☐	1000.000	990.874	710716.59	0.0667	P	0.5
8	☐			256.67	0.0000	P	17.7

$$y = 6.7282\text{E-}005 * x + 2.0117\text{E-}006$$

$$R = 0.9998$$

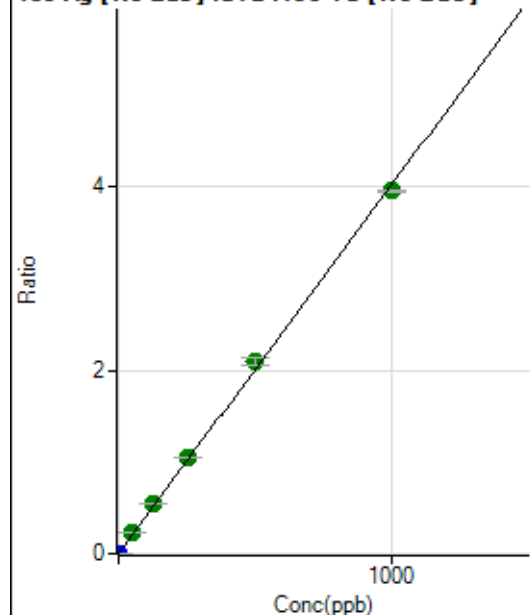
$$DL = 0.06223$$

$$BEC = 0.0299$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	94.44	0.0000	P	9.2
2	☐	1.000	1.117	49494.08	0.0045	P	1.9
3	☐	50.000	55.369	2471611.55	0.2226	A	0.5
4	☐	125.000	136.115	5982421.65	0.5471	A	0.5
5	☐	250.000	260.626	11624112.88	1.0476	A	0.9
6	☐	500.000	523.544	22290711.89	2.1045	A	3.9
7	☐	1000.000	983.913	42160032.70	3.9550	A	0.5
8	☐			3741.67	0.0004	P	9.1

$$y = 0.0040 * x + 8.4116\text{E-}006$$

$$R = 0.9995$$

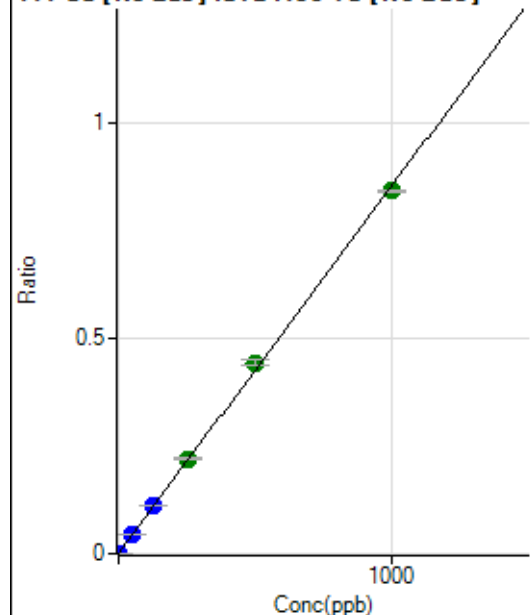
$$DL = 0.0005795$$

$$BEC = 0.002093$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5302.05	0.0005	P	2.0
2	☐	1.000	1.163	16114.94	0.0015	P	2.0
3	☐	50.000	52.682	504189.23	0.0454	P	0.1
4	☐	125.000	129.745	1215105.71	0.1111	P	0.0
5	☐	250.000	257.101	2438198.20	0.2197	A	1.6
6	☐	500.000	519.903	4701850.62	0.4439	A	3.8
7	☐	1000.000	987.546	8983392.14	0.8427	A	0.6
8	☐			5466.45	0.0006	P	1.1

$$y = 8.5287E-004 * x + 4.7233E-004$$

$$R = 0.9997$$

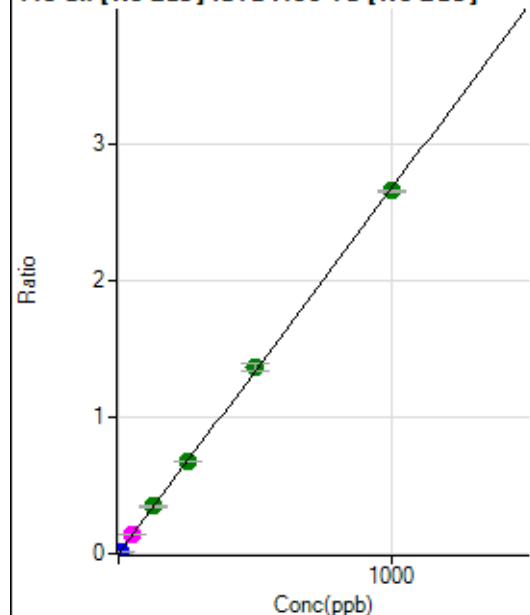
$$DL = 0.03338$$

$$BEC = 0.5538$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5996.83	0.0005	P	34.1
2	☐	5.000	5.574	169918.04	0.0154	P	2.0
3	☐	50.000	51.724	1541787.36	0.1388	M	2.3
4	☐	125.000	129.115	3780828.69	0.3458	A	0.7
5	☐	250.000	251.332	7463231.83	0.6726	A	1.1
6	☐	500.000	511.416	14489227.84	1.3680	A	4.0
7	☐	1000.000	993.356	28319990.69	2.6566	A	0.2
8	☐			10152.81	0.0011	P	3.3

$$y = 0.0027 * x + 5.3563E-004$$

$$R = 0.9999$$

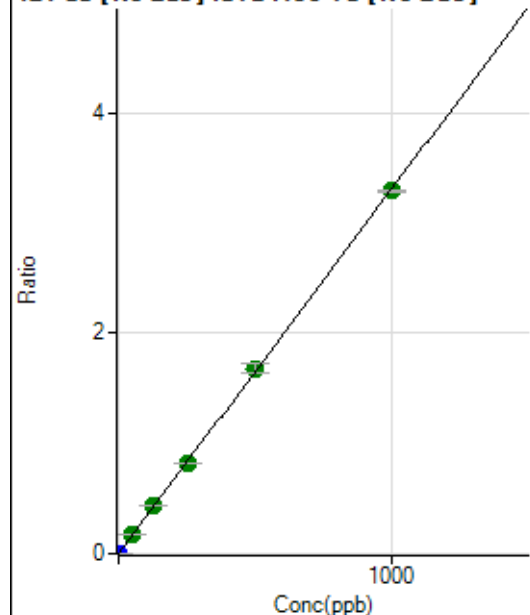
$$DL = 0.2047$$

$$BEC = 0.2003$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	98.89	0.0000	P	32.3
2	☐	2.000	2.201	80204.42	0.0073	P	1.8
3	☐	50.000	52.966	1945365.09	0.1752	A	0.5
4	☐	125.000	129.812	4694488.12	0.4293	A	0.3
5	☐	250.000	246.793	9056980.01	0.8162	A	0.9
6	☐	500.000	508.986	17828000.70	1.6834	A	4.4
7	☐	1000.000	995.559	35100147.53	3.2926	A	0.4
8	☐			14568.97	0.0015	P	3.4

$$y = 0.0033 * x + 8.8154E-006$$

$$R = 0.9999$$

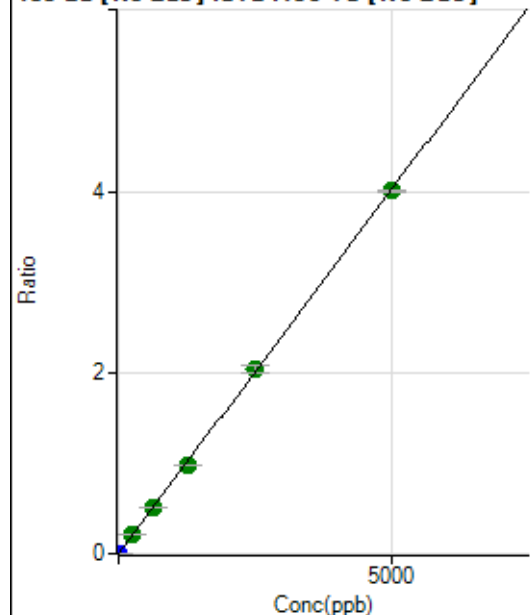
$$DL = 0.00258$$

$$BEC = 0.002665$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	163.34	0.0000	P	13.1
2	☐	10.000	10.803	95718.48	0.0087	P	0.7
3	☐	250.000	260.947	2328904.63	0.2097	A	0.9
4	☐	625.000	641.698	5638979.36	0.5157	A	1.4
5	☐	1250.000	1220.840	10886746.09	0.9812	A	0.8
6	☐	2500.000	2543.971	21652976.07	2.0445	A	4.3
7	☐	5000.000	4982.668	42687785.20	4.0044	A	0.3
8	☐			14765.93	0.0015	P	0.3

$$y = 8.0366E-004 * x + 1.4517E-005$$

$$R = 0.9999$$

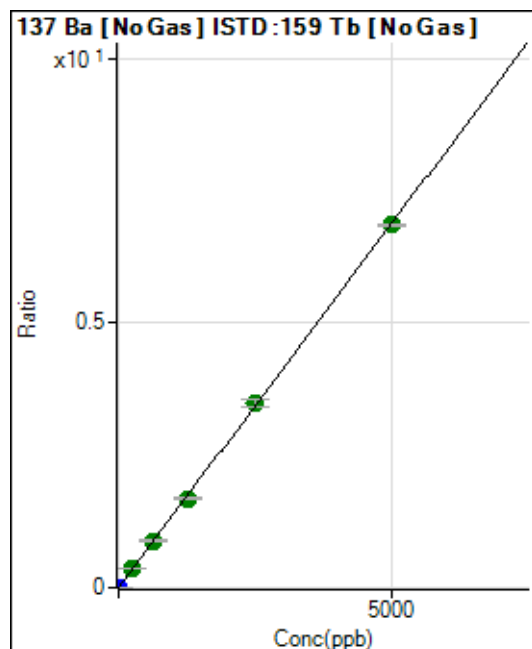
$$DL = 0.007092$$

$$BEC = 0.01806$$

Weight: <None>

Min Conc: 0

Calibration for 006CAL5.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	374.45	0.0000	P	10.9
2	☐	10.000	10.854	164556.04	0.0150	P	1.3
3	☐	250.000	259.615	3962921.02	0.3569	A	1.4
4	☐	625.000	642.072	9649844.51	0.8826	A	1.6
5	☐	1250.000	1225.254	18687084.58	1.6842	A	0.9
6	☐	2500.000	2541.325	36997499.17	3.4931	A	4.1
7	☐	5000.000	4982.907	73012890.58	6.8491	A	0.2
8	☐			25632.12	0.0027	P	2.4

$$y = 0.0014 * x + 3.3417E-005$$

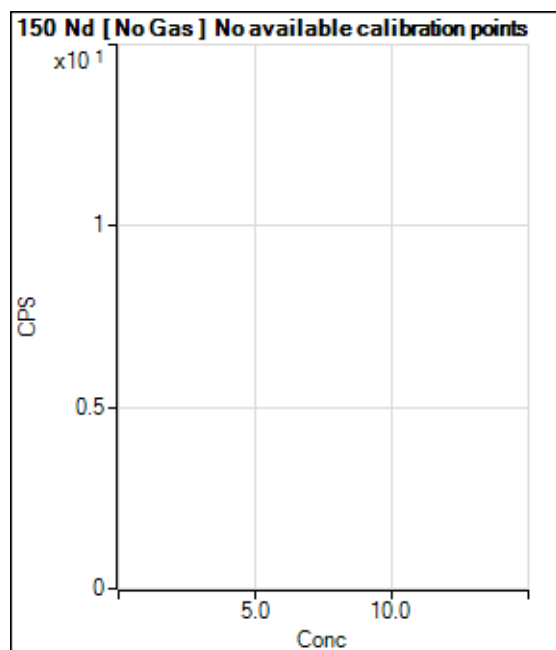
$$R = 0.9999$$

$$DL = 0.007965$$

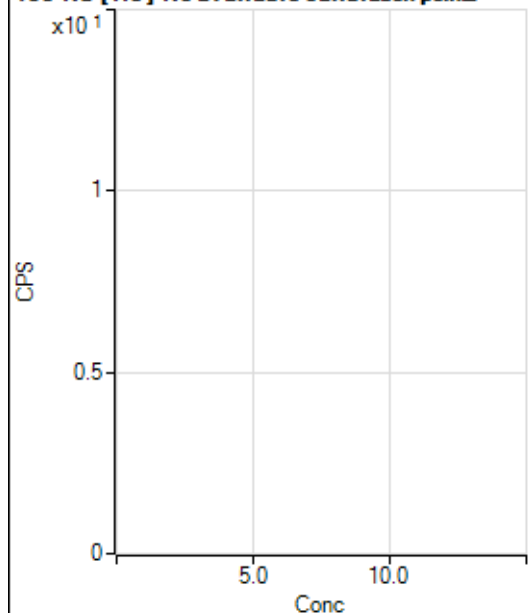
$$BEC = 0.02431$$

Weight: <None>

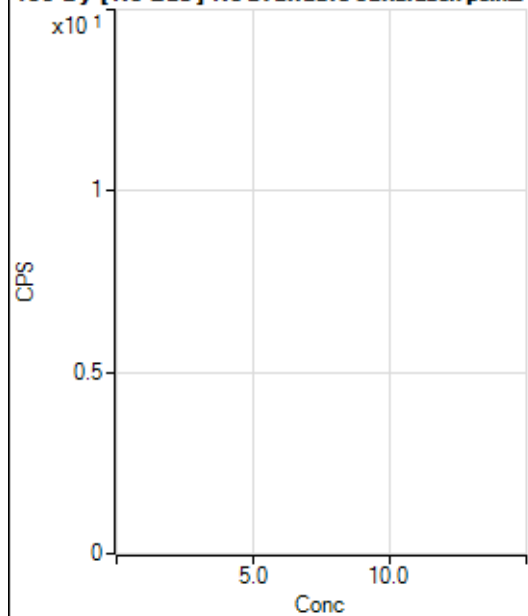
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.89		P	21.6
2	☐			26.67		P	25.0
3	☐			198.89		P	7.7
4	☐			395.57		P	9.0
5	☐			751.14		P	7.0
6	☐			1502.32		P	3.2
7	☐			3022.60		P	3.6
8	☐			578.91		P	7.4

150 Nd [He] No available calibration points

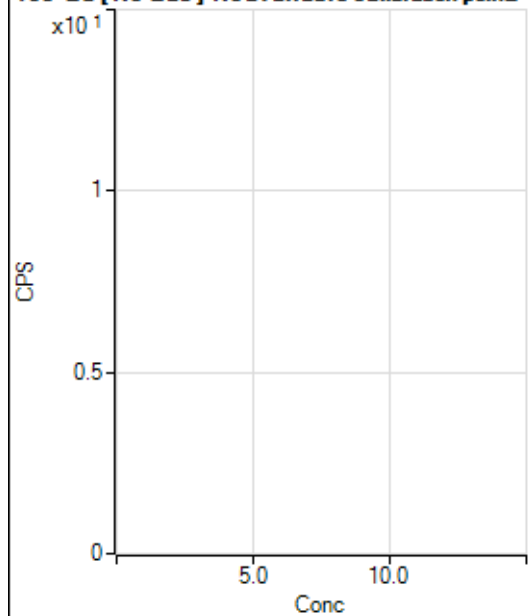
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4.44		P	43.4
2	☐			5.56		P	91.6
3	☐			12.22		P	68.7
4	☐			33.33		P	36.1
5	☐			41.11		P	40.8
6	☐			98.89		P	9.7
7	☐			171.11		P	10.7
8	☐			175.56		P	17.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			21.11		P	36.5
2	☐			15.56		P	12.4
3	☐			62.22		P	21.7
4	☐			132.22		P	2.9
5	☐			232.23		P	5.0
6	☐			421.12		P	17.6
7	☐			900.04		P	8.3
8	☐			1070.06		P	5.1

156 Dy [He] No available calibration points

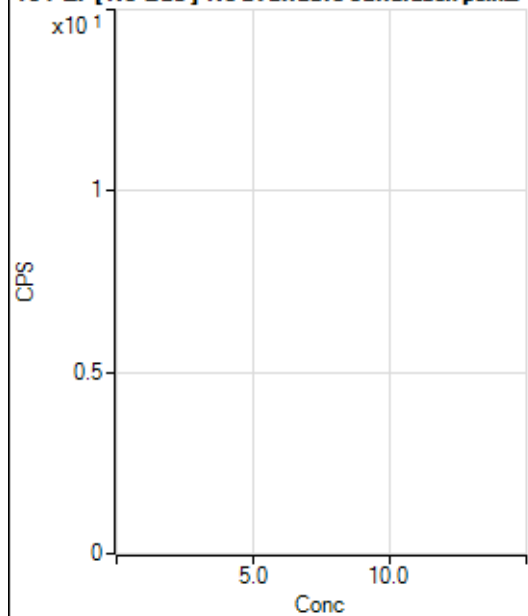
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			5.55		P	69.3
3	☐			11.11		P	34.6
4	☐			23.33		P	37.8
5	☐			54.45		P	12.7
6	☐			78.89		P	12.9
7	☐			165.56		P	13.7
8	☐			354.45		P	13.6

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			133.34		P	22.2
2	☐			145.56		P	10.8
3	☐			155.56		P	14.6
4	☐			213.34		P	3.1
5	☐			242.23		P	6.8
6	☐			320.01		P	18.1
7	☐			483.35		P	12.0
8	☐			977.83		P	7.4

160 Gd [He] No available calibration points

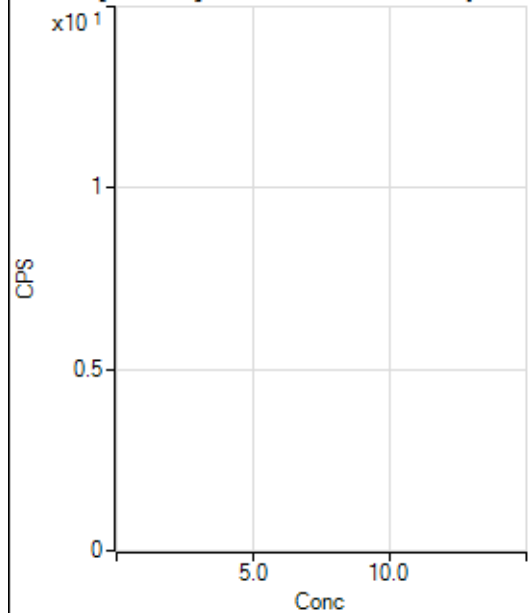
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			41.11		P	12.4
2	☐			32.22		P	46.6
3	☐			33.33		P	0.0
4	☐			43.33		P	20.3
5	☐			60.00		P	9.6
6	☐			98.89		P	1.9
7	☐			193.34		P	13.7
8	☐			425.56		P	7.1

164 Er [No Gas] No available calibration points

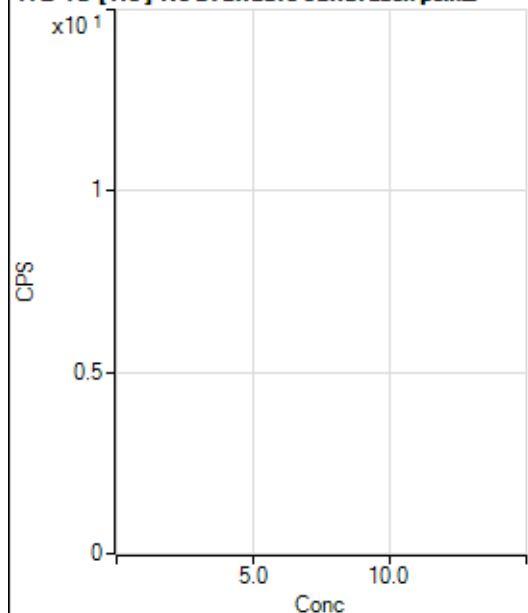
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			72.22		P	13.3
2	☐			67.78		P	32.8
3	☐			106.67		P	20.5
4	☐			147.78		P	26.0
5	☐			230.00		P	17.6
6	☐			327.78		P	11.4
7	☐			574.47		P	13.5
8	☐			1235.63		P	9.1

164 Er [He] No available calibration points

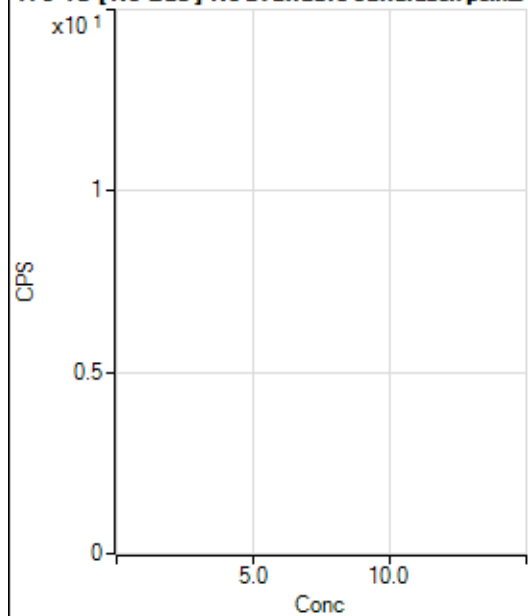
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			37.78		P	22.2
2	☐			15.56		P	32.7
3	☐			27.78		P	30.2
4	☐			37.78		P	48.6
5	☐			77.78		P	15.0
6	☐			116.67		P	15.9
7	☐			207.78		P	7.2
8	☐			480.01		P	16.0

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			47.78		P	14.5
2	☐			51.11		P	3.8
3	☐			98.89		P	5.1
4	☐			142.23		P	8.9
5	☐			191.11		P	9.9
6	☐			332.23		P	15.0
7	☐			706.69		P	13.5
8	☐			1993.51		P	3.2

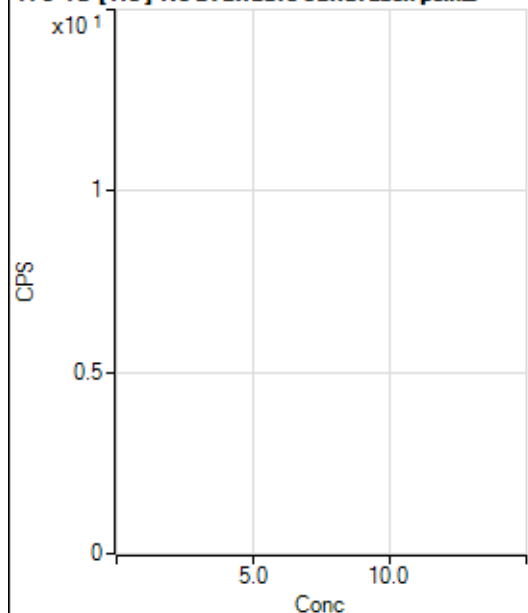
172 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			26.67		P	12.5
2	☐			25.56		P	45.8
3	☐			46.66		P	24.7
4	☐			75.55		P	17.8
5	☐			115.56		P	15.9
6	☐			180.00		P	1.9
7	☐			306.67		P	4.3
8	☐			860.04		P	7.4

176 Yb [No Gas] No available calibration points

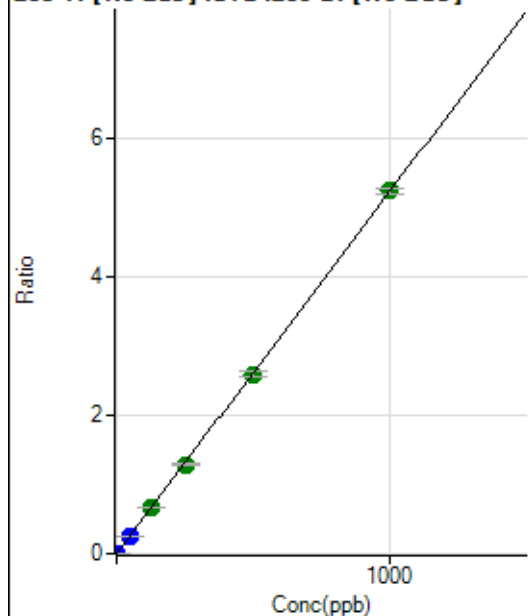
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1777.91		P	5.4
2	☐			1992.39		P	1.3
3	☐			9365.60		P	1.2
4	☐			20376.89		P	1.0
5	☐			37994.57		P	1.4
6	☐			73267.13		P	0.8
7	☐			144181.30		P	0.6
8	☐			2714.75		P	1.9

176 Yb [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			513.35		P	6.2
2	☐			481.13		P	9.4
3	☐			3506.06		P	2.4
4	☐			7822.40		P	1.3
5	☐			15135.40		P	1.2
6	☐			28726.80		P	1.7
7	☐			57470.97		P	0.7
8	☐			978.94		P	7.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	214.45	0.0000	P	9.1
2	☐	1.000	0.991	32749.03	0.0052	P	1.2
3	☐	50.000	48.833	1570800.70	0.2556	P	0.2
4	☐	125.000	125.508	4030038.41	0.6569	A	0.4
5	☐	250.000	244.834	7728473.63	1.2814	A	2.3
6	☐	500.000	496.232	14885971.72	2.5972	A	2.6
7	☐	1000.000	1003.170	29265762.62	5.2504	A	1.6
8	☐			1849.05	0.0004	P	11.0

$$y = 0.0052 * x + 3.3664E-005$$

$$R = 1.0000$$

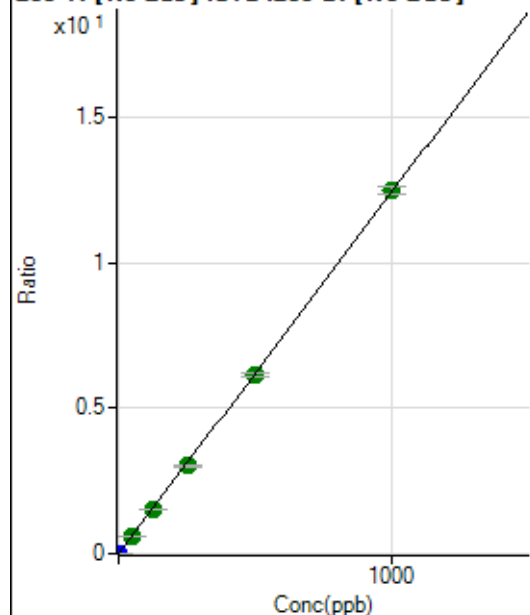
$$DL = 0.001755$$

$$BEC = 0.006432$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	520.01	0.0001	P	6.6
2	☐	1.000	1.008	79026.64	0.0126	P	0.9
3	☐	50.000	50.047	3816404.11	0.6210	A	0.6
4	☐	125.000	121.481	9247318.26	1.5073	A	0.2
5	☐	250.000	242.761	18166838.48	3.0121	A	2.0
6	☐	500.000	496.060	35277953.92	6.1548	A	2.5
7	☐	1000.000	1004.217	69448584.52	12.4597	A	2.0
8	☐			4365.23	0.0009	P	9.7

$$y = 0.0124 * x + 8.1733E-005$$

$$R = 1.0000$$

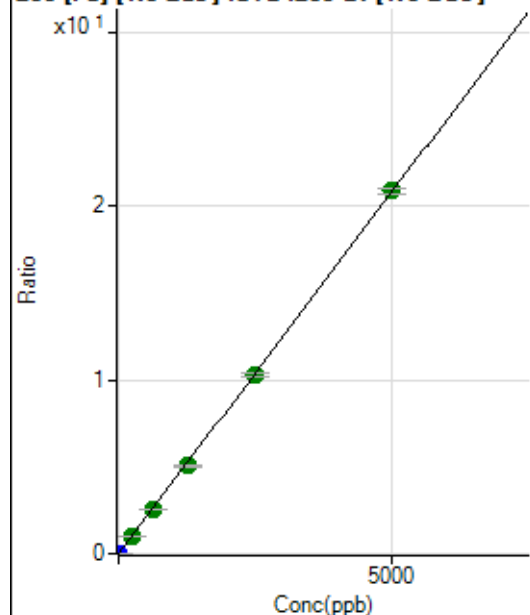
$$DL = 0.001308$$

$$BEC = 0.006588$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1390.09	0.0002	P	8.2
2	☐	1.000	1.006	27632.88	0.0044	P	1.6
3	☐	250.000	251.805	6436654.56	1.0474	A	0.7
4	☐	625.000	618.348	15777118.38	2.5718	A	0.8
5	☐	1250.000	1217.031	30526853.16	5.0616	A	2.1
6	☐	2500.000	2476.082	59023219.68	10.2976	A	2.5
7	☐	5000.000	5020.942	116393852.71	20.8811	A	1.6
8	☐			76453.66	0.0163	P	2.1

$$y = 0.0042 * x + 2.1830E-004$$

$$R = 1.0000$$

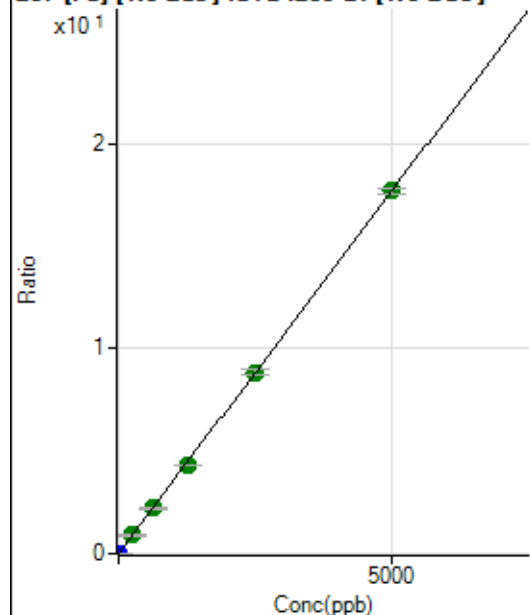
$$DL = 0.01285$$

$$BEC = 0.05249$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1178.96	0.0002	P	6.6
2	☐	1.000	1.034	24112.49	0.0038	P	1.7
3	☐	250.000	254.271	5524456.86	0.8990	A	2.3
4	☐	625.000	623.890	13530017.30	2.2055	A	0.8
5	☐	1250.000	1219.025	25991011.00	4.3091	A	0.4
6	☐	2500.000	2499.551	50635655.91	8.8354	A	3.1
7	☐	5000.000	5007.893	98674451.86	17.7016	A	1.3
8	☐			64468.16	0.0138	P	2.3

$$y = 0.0035 * x + 1.8559E-004$$

$$R = 1.0000$$

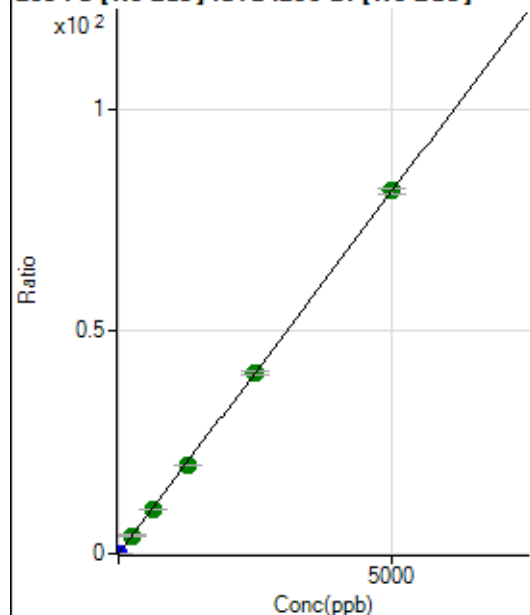
$$DL = 0.01034$$

$$BEC = 0.0525$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5486.08	0.0009	P	4.2
2	☐	1.000	1.024	110109.53	0.0175	P	1.4
3	☐	250.000	251.842	25216424.69	4.1033	A	1.2
4	☐	625.000	618.696	61835349.08	10.0794	A	0.6
5	☐	1250.000	1220.195	119893312.10	19.8777	A	0.7
6	☐	2500.000	2495.582	233001839.31	40.6536	A	2.8
7	☐	5000.000	5010.356	454955947.67	81.6190	A	1.7
8	☐			298209.18	0.0637	P	1.4

$$y = 0.0163 * x + 8.6215E-004$$

$$R = 1.0000$$

$$DL = 0.006721$$

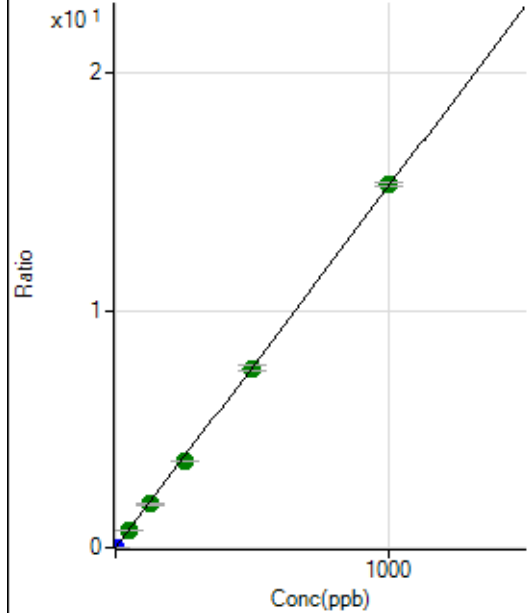
$$BEC = 0.05293$$

Weight: <None>

Min Conc: 0

Calibration for 006CALS.d

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	302.23	0.0000	P	15.5
2	☐	1.000	1.024	98116.99	0.0156	P	0.9
3	☐	50.000	49.154	4599750.28	0.7485	A	0.7
4	☐	125.000	120.100	11218821.22	1.8288	A	1.1
5	☐	250.000	239.121	21961643.42	3.6411	A	1.5
6	☐	500.000	497.361	43405030.74	7.5732	A	2.8
7	☐	1000.000	1004.694	85274897.07	15.2981	A	1.2
8	☐			3140.43	0.0007	P	14.4

$$y = 0.0152 * x + 4.7696E-005$$

$$R = 0.9999$$

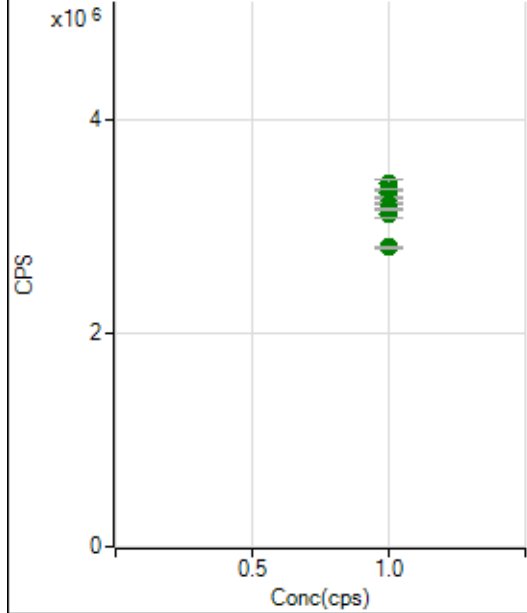
$$DL = 0.001454$$

$$BEC = 0.003132$$

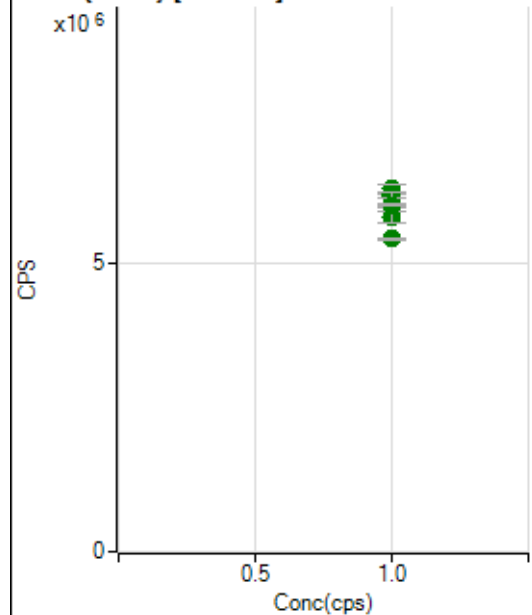
Weight: <None>

Min Conc: 0

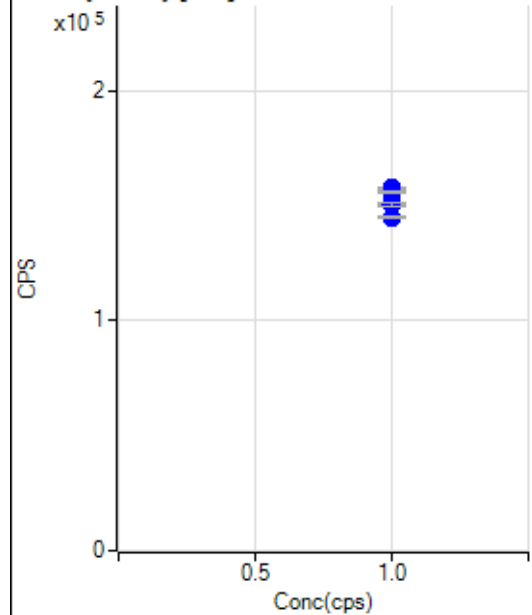
6 Li (ISTD) [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3394726.21		A	2.8
2	☐	1.000		3332657.59		A	0.7
3	☐	1.000		3308956.23		A	2.3
4	☐	1.000		3259929.47		A	0.7
5	☐	1.000		3208548.21		A	0.4
6	☐	1.000		3116744.19		A	2.2
7	☐	1.000		3161764.52		A	0.8
8	☐	1.000		2804902.15		A	0.6

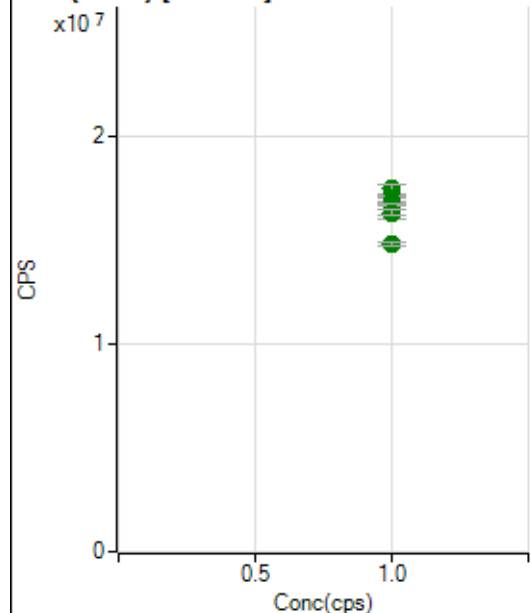
45 Sc (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6287999.56		A	2.9
2	☐	1.000		6172409.56		A	1.2
3	☐	1.000		6187394.07		A	1.7
4	☐	1.000		5998809.70		A	0.7
5	☐	1.000		6011871.16		A	0.8
6	☐	1.000		5801926.03		A	3.9
7	☐	1.000		6015221.02		A	0.7
8	☐	1.000		5418394.78		A	0.5

45 Sc (ISTD) [He]

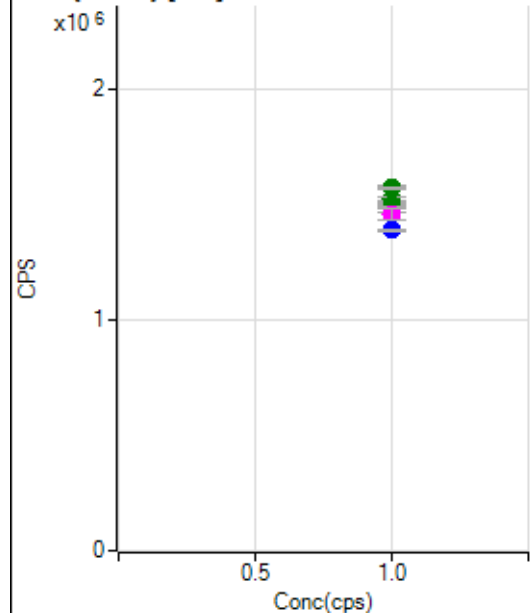
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		157590.87		P	0.7
2	☐	1.000		155920.59		P	0.8
3	☐	1.000		150824.78		P	0.5
4	☐	1.000		150245.34		P	0.9
5	☐	1.000		150594.78		P	0.5
6	☐	1.000		150130.02		P	1.4
7	☐	1.000		155754.55		P	0.4
8	☐	1.000		144858.10		P	0.5

89 Y (ISTD) [No Gas]

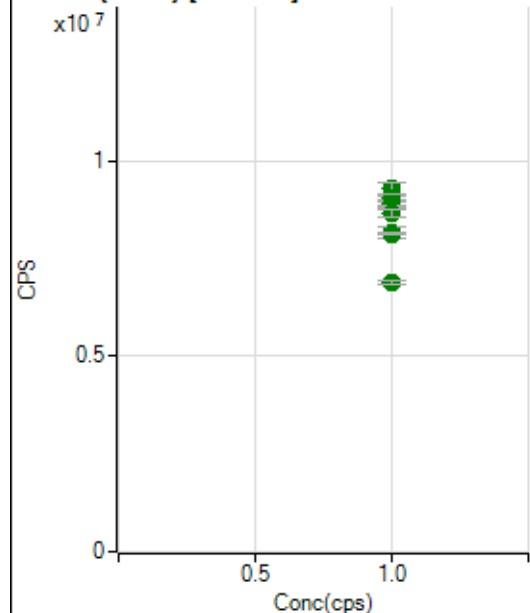


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		17436594.74		A	3.0
2	☐	1.000		16978205.44		A	1.5
3	☐	1.000		17035770.02		A	0.9
4	☐	1.000		16808242.11		A	0.5
5	☐	1.000		16725721.70		A	0.5
6	☐	1.000		16303505.04		A	4.3
7	☐	1.000		16304003.92		A	1.5
8	☐	1.000		14788992.28		A	0.9

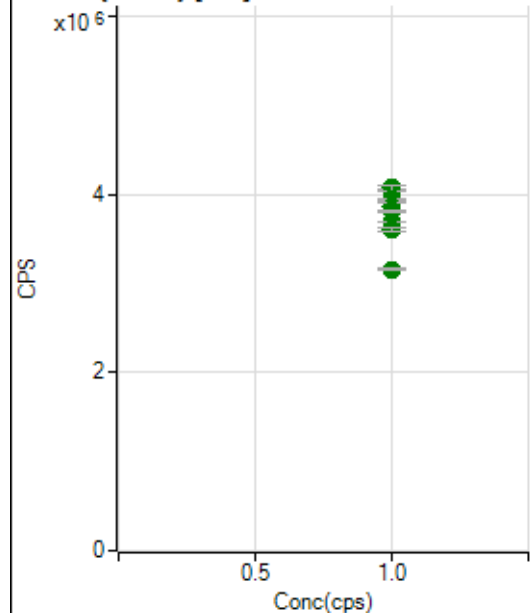
89 Y (ISTD) [He]



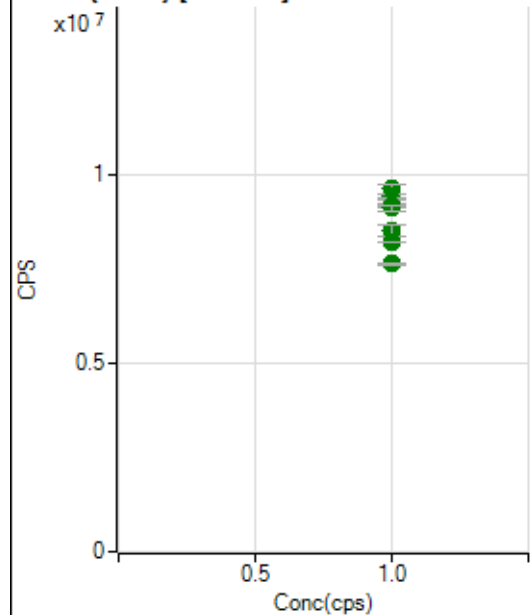
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1571215.48		A	0.9
2	☐	1.000		1570761.66		A	0.6
3	☐	1.000		1522291.49		A	1.2
4	☐	1.000		1483707.06		M	2.1
5	☐	1.000		1500195.88		A	0.6
6	☐	1.000		1488627.34		A	0.7
7	☐	1.000		1455520.83		M	3.2
8	☐	1.000		1386829.20		P	0.7

103 Rh (ISTD) [No Gas]

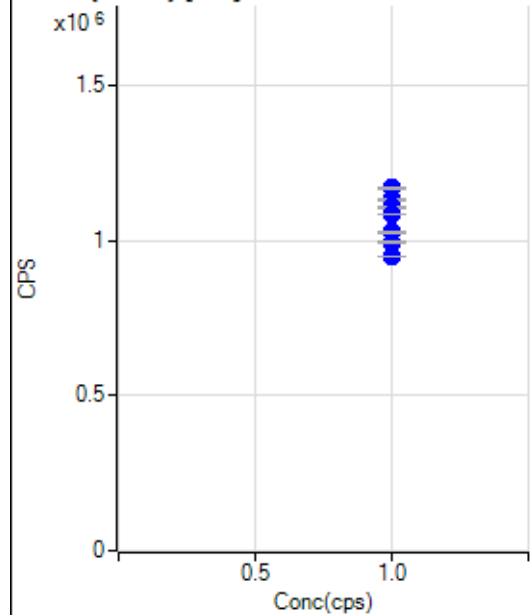
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9291377.22		A	4.0
2	☐	1.000		9074758.82		A	1.4
3	☐	1.000		8893686.40		A	1.5
4	☐	1.000		8843240.70		A	0.7
5	☐	1.000		8666924.38		A	2.2
6	☐	1.000		8172357.03		A	3.8
7	☐	1.000		8145529.46		A	0.9
8	☐	1.000		6898414.13		A	1.2

103 Rh (ISTD) [He]

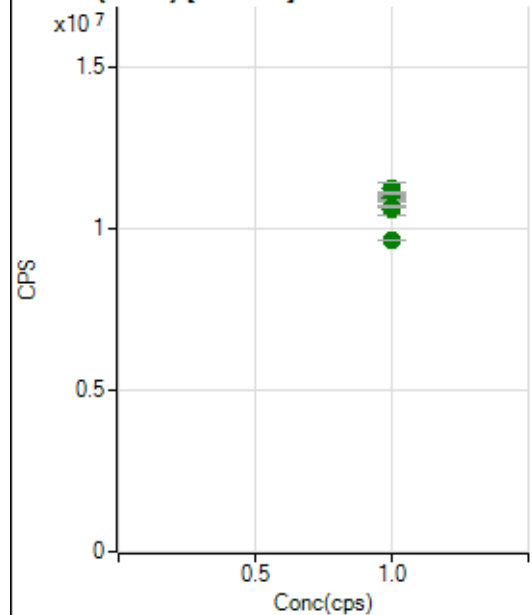
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4040487.51		A	0.8
2	☐	1.000		4070936.57		A	1.8
3	☐	1.000		3939198.76		A	0.5
4	☐	1.000		3860675.36		A	2.0
5	☐	1.000		3814345.50		A	0.4
6	☐	1.000		3688360.29		A	0.3
7	☐	1.000		3601686.40		A	1.1
8	☐	1.000		3153742.87		A	0.7

115 In (ISTD) [No Gas]

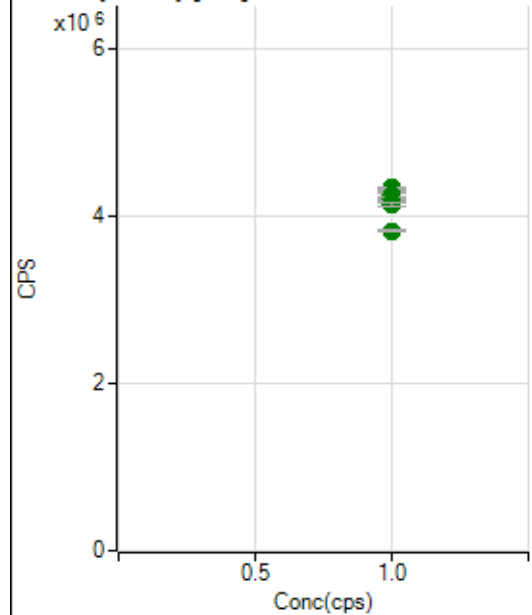
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9631159.71		A	2.8
2	☐	1.000		9445184.38		A	0.9
3	☐	1.000		9363869.44		A	0.8
4	☐	1.000		9188455.78		A	0.9
5	☐	1.000		9112798.04		A	1.3
6	☐	1.000		8538146.33		A	3.4
7	☐	1.000		8224329.28		A	0.3
8	☐	1.000		7646366.77		A	0.5

115 In (ISTD) [He]

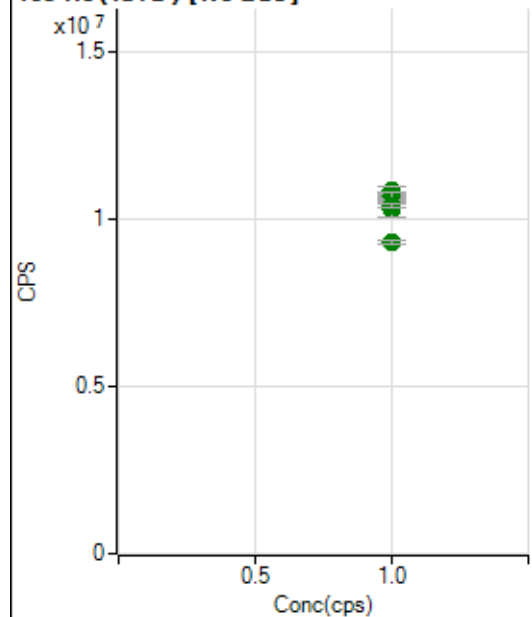
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1169434.78		P	0.3
2	☐	1.000		1169240.02		P	0.4
3	☐	1.000		1132410.66		P	0.8
4	☐	1.000		1106969.53		P	0.4
5	☐	1.000		1085902.56		P	0.3
6	☐	1.000		1027495.97		P	0.8
7	☐	1.000		945999.97		P	0.1
8	☐	1.000		993062.58		P	0.6

159 Tb (ISTD) [No Gas]

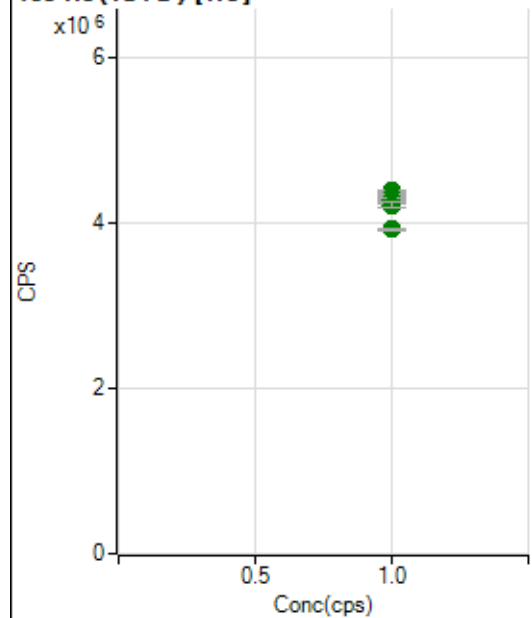
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11220545.67		A	3.4
2	☐	1.000		11006927.20		A	1.6
3	☐	1.000		11104703.45		A	0.4
4	☐	1.000		10934306.37		A	0.7
5	☐	1.000		11096223.45		A	0.8
6	☐	1.000		10603243.87		A	4.1
7	☐	1.000		10660179.70		A	0.5
8	☐	1.000		9634655.97		A	0.6

159 Tb (ISTD) [He]

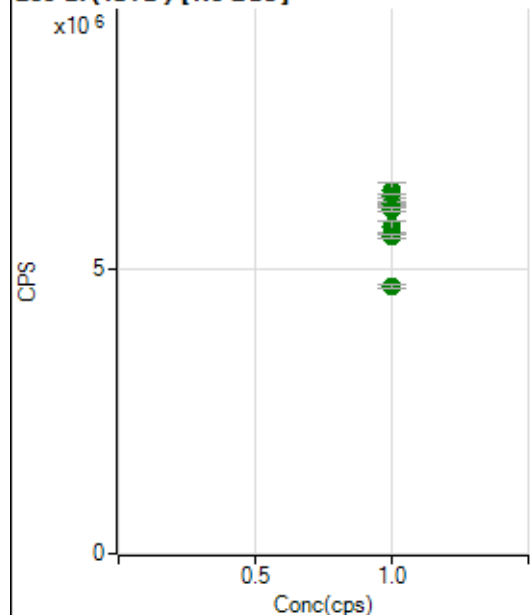
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4317555.21		A	0.4
2	☐	1.000		4338030.18		A	0.3
3	☐	1.000		4252267.96		A	0.9
4	☐	1.000		4227279.56		A	0.6
5	☐	1.000		4216263.62		A	1.2
6	☐	1.000		4168738.20		A	0.6
7	☐	1.000		4138591.60		A	0.6
8	☐	1.000		3827265.01		A	0.5

165 Ho (ISTD) [No Gas]

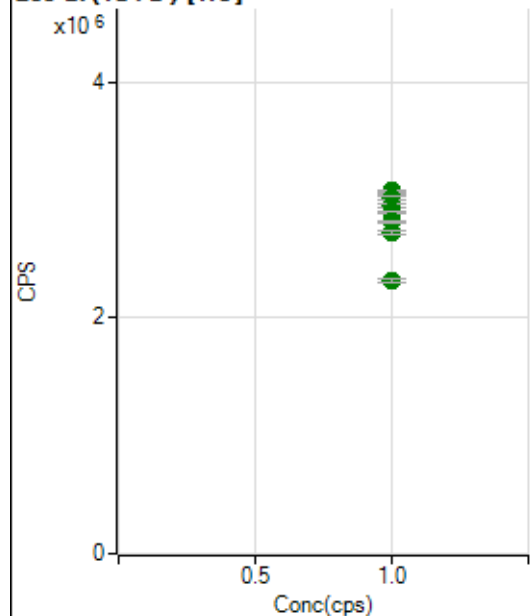
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10823182.89		A	2.7
2	☐	1.000		10666140.68		A	0.6
3	☐	1.000		10609120.05		A	0.4
4	☐	1.000		10663091.99		A	0.6
5	☐	1.000		10682290.81		A	2.0
6	☐	1.000		10270645.33		A	4.0
7	☐	1.000		10364171.58		A	1.0
8	☐	1.000		9285372.29		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4394266.39		A	0.4
2	☐	1.000		4332349.55		A	0.4
3	☐	1.000		4290930.07		A	0.3
4	☐	1.000		4313785.56		A	2.1
5	☐	1.000		4274816.60		A	0.3
6	☐	1.000		4276214.35		A	1.5
7	☐	1.000		4224025.91		A	1.4
8	☐	1.000		3926208.21		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6363998.79		A	4.3
2	☐	1.000		6276465.04		A	0.8
3	☐	1.000		6145209.98		A	0.4
4	☐	1.000		6134916.51		A	0.7
5	☐	1.000		6031903.17		A	1.3
6	☐	1.000		5734799.22		A	3.2
7	☐	1.000		5574754.78		A	1.2
8	☐	1.000		4683273.02		A	1.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3054194.09		A	0.1
2	☐	1.000		3079726.90		A	0.7
3	☐	1.000		3020218.22		A	0.9
4	☐	1.000		2947693.43		A	1.2
5	☐	1.000		2901680.48		A	0.8
6	☐	1.000		2816501.10		A	0.5
7	☐	1.000		2721163.62		A	1.2
8	☐	1.000		2322553.94		A	1.6

US EPA Tune Check Report

Reviewed By:moh
On:4/9/2025 12:00
PM
Inst Id :P8
LB :LB135332

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8040725 MS.b

Acq. Date-Time 2025-04-07 10:28:29

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		89365	893654.62			1.303	5.000
24		425062	4250619.24			0.798	5.000
25		58062	580621.84			0.516	5.000
26		65497	654973.01			0.714	5.000
59		402328	4023280.51			0.869	5.000
113		47862	478621.65			0.376	5.000
115		618287	6182870.00			0.619	5.000
206		119272	1192715.69			1.154	5.000
207		102654	1026535.58			1.028	5.000
208		251314	2513143.09			0.277	5.000
220		0	4.90			31.780	

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	90763	89795	89803	87718	88748
24	428605	426405	424651	426099	419549
25	58417	58232	58154	57805	57702
26	65979	65789	65710	65122	64887
59	406359	404838	402244	400750	397449
113	47786	47885	47848	47650	48141
115	620660	612761	620144	615928	621941
206	119002	118480	121677	118908	118290
207	103386	102233	104121	101699	101828
208	252130	250552	251972	250963	250953

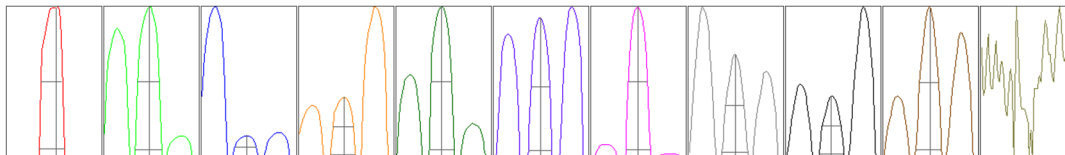
US EPA Tune Check Report

Reviewed By:moh
On:4/9/2025 12:00
PM
Inst Id :P8
LB :LB135332

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	134960.50	9.10	8.90 - 9.10	
24	658678.31	23.95	23.90 - 24.10	
25	91728.01	24.95	24.90 - 25.10	
26	106228.32	25.95	25.90 - 26.10	
59	651504.56	58.95	58.90 - 59.10	
113	86464.64	113.00	112.90 - 113.10	
115	1092365.16	115.00	114.90 - 115.10	
206	219344.73	206.00	205.90 - 206.10	
207	183957.83	206.95	206.90 - 207.10	
208	449047.83	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.69	0.790	0.900	
24	0.69	0.835	0.900	
25	0.67	0.804	0.900	
26	0.66	0.788	0.900	
59	0.65	0.787	0.900	
113	0.58	0.735	0.900	
115	0.59	0.775	0.900	
206	0.57	0.817	0.900	
207	0.59	0.787	0.900	
208	0.59	0.816	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.72 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

Reviewed By:moh
On:4/9/2025 12:00
PM
Inst Id :P8
LB :LB135332

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.2 V	Deflect	13.4 V
Extract 2	-245.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	140 V		

QP Parameters

Mass Gain	105	Axis Gain	0.9964	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.04		

Hardware Settings

Torch

Torch H	0.7 mm	Torch V	-0.2 mm
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EM

Discriminator	4.6 mV	Analog HV	2211 V	Pulse HV	940 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		88665	886652.58			2.035	
89		77288	772875.09			0.648	
205		82769	827692.08			1.146	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	86156	88235	88314	91021	89600
89	76505	77175	77314	77747	77696
205	81492	82065	83107	83544	83638

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.72 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	8.2 V	Deflect	2.0 V
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US EPA Tune Check Report

Reviewed By:moh
On:4/9/2025 12:00
PM
Inst Id :P8
LB :LB135332

Extract 2	-245.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	105	Axis Gain	0.9964	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.04		
Hardware Settings					
Torch					
Torch H	0.7 mm	Torch V	-0.2 mm		
EM					
Discriminator	4.6 mV	Analog HV	2211 V	Pulse HV	940 V

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:29:45 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	-0.26	0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	-0.02	0.00	0.02	0.00	N/A	ppb
Cadmium	106-1	0.14	0.03	-0.17	0.00	N/A	ppb
Cadmium	111-1	0.01	0.00	-0.01	0.00	N/A	ppb
Calcium	43-1	-0.66	1.07	-0.41	0.00	N/A	ppb
Calcium	44-1	-0.30	0.73	-0.43	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.28	-0.11	0.39	0.00	N/A	ppb
Iron	56-2	-0.11	0.18	-0.07	0.00	N/A	ppb
Iron	57-2	-0.17	-0.07	0.24	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 : LB135332 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:29:45 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.02	0.06	-0.04	0.00	N/A	ppb
Manganese	55-2	0.01	-0.03	0.02	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	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-26.77	-20.27	-17.42	-21.49		ppb
Potassium	39-2	0.35	0.35	-0.70	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.05	0.13	-0.08	0.00	N/A	ppb
Selenium	77-2	-0.25	0.24	0.01	0.00	N/A	ppb
Selenium	78-2	0.12	0.12	-0.24	0.00	N/A	ppb
Silicon	28-1	-0.01	0.04	-0.03	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	-0.91	0.42	0.49	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	-157.13	-112.95	-60.45	-110.18		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	-0.04	0.08	-0.04	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:29:45 DataFile Name : 004CALB.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	-0.03	-0.07	0.10	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 : LB135332 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:36:29 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.12	25.76	23.70	24.19	5.72	ppb
Antimony	121-1	2.16	2.21	2.23	2.20	1.81	ppb
Arsenic	75-2	1.25	1.16	1.18	1.20	3.75	ppb
Barium	135-1	10.76	10.76	10.89	10.80	0.69	ppb
Barium	137-1	10.73	10.83	11.00	10.85	1.26	ppb
Beryllium	9-1	1.20	1.23	1.26	1.23	2.33	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	1.00	1.30	1.11	1.14	13.13	ppb
Cadmium	106-1	0.89	0.94	1.17	1.00	14.75	ppb
Cadmium	111-1	1.14	1.14	1.20	1.16	2.92	ppb
Calcium	43-1	567.85	586.44	577.44	577.24	1.61	ppb
Calcium	44-1	568.80	579.86	577.54	575.40	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.43	2.36	2.35	2.38	1.74	ppb
Cobalt	59-2	1.21	1.26	1.22	1.23	1.77	ppb
Copper	63-2	2.26	2.27	2.24	2.26	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	61.65	64.09	60.88	62.21	2.69	ppb
Iron	56-2	60.95	60.29	60.26	60.50	0.65	ppb
Iron	57-2	61.64	59.71	58.99	60.11	2.28	ppb
Krypton	83-1						cps
Lead	206-1	0.99	1.03	1.00	1.01	1.71	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:36:29 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.02	1.06	1.03	1.03	1.79	ppb
Lead	208-1	1.01	1.04	1.02	1.02	1.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	612.90	608.34	603.92	608.39	0.74	ppb
Manganese	55-2	0.98	1.08	1.06	1.04	5.00	ppb
Molybdenum	94-1	6.56	6.37	6.24	6.39	2.54	ppb
Molybdenum	95-1	5.34	5.39	5.28	5.34	1.06	ppb
Molybdenum	96-1	5.44	5.45	5.28	5.39	1.83	ppb
Molybdenum	97-1	5.47	5.46	5.27	5.40	2.06	ppb
Molybdenum	98-1	5.38	5.40	5.24	5.34	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.21	1.20	1.18	3.74	ppb
Phosphorus	31-2	27.21	21.67	15.59	21.49	27.06	ppb
Potassium	39-2	546.93	544.61	545.22	545.59	0.22	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	5.91	5.67	5.88	5.82	2.30	ppb
Selenium	77-2	5.42	7.08	4.95	5.82	19.28	ppb
Selenium	78-2	6.14	6.52	6.46	6.38	3.25	ppb
Silicon	28-1	1.11	1.42	1.16	1.23	13.64	ppb
Silver	107-1	1.07	1.11	1.13	1.10	2.45	ppb
Silver	109-1	1.10	1.12	1.14	1.12	1.91	ppb
Sodium	23-2	591.23	587.41	587.35	588.66	0.38	ppb
Strontium	86-1	1.11	1.13	1.10	1.11	1.53	ppb
Strontium	88-1	1.09	1.10	1.09	1.09	0.41	ppb
Sulfur	34-1	40.11	171.67	118.74	110.18	60.08	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.98	1.00	1.00	0.99	1.20	ppb
Thallium	205-1	1.00	1.02	1.01	1.01	0.87	ppb
Tin	118-1	5.45	5.60	5.67	5.57	2.04	ppb
Titanium	47-1	5.64	5.79	5.67	5.70	1.41	ppb
Uranium	238-1	1.01	1.03	1.03	1.02	0.90	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:36:29 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.70	5.72	5.74	5.72	0.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	4.82	4.94	4.76	4.84	1.90	ppb
Zirconium	90-1	1.06	1.06	1.04	1.06	1.15	ppb
Zirconium	91-1	1.06	1.04	1.02	1.04	1.79	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:39:50 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1095.43	1095.52	1105.05	1098.66	0.50	ppb
Antimony	121-1	53.11	53.10	52.69	52.97	0.46	ppb
Arsenic	75-2	51.03	52.72	51.42	51.73	1.71	ppb
Barium	135-1	263.43	260.88	258.54	260.95	0.94	ppb
Barium	137-1	261.51	261.96	255.38	259.61	1.42	ppb
Beryllium	9-1	55.24	57.80	56.59	56.54	2.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	54.06	54.00	53.57	53.88	0.49	ppb
Cadmium	106-1	53.21	53.75	54.07	53.68	0.81	ppb
Cadmium	111-1	52.65	52.73	52.67	52.68	0.07	ppb
Calcium	43-1	5326.63	5469.16	5479.67	5425.15	1.58	ppb
Calcium	44-1	5238.92	5241.09	5420.63	5300.21	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.92	54.90	54.04	54.62	0.92	ppb
Cobalt	59-2	55.69	55.80	54.78	55.43	1.01	ppb
Copper	63-2	581.23	580.70	575.99	579.31	0.50	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				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	2925.29	2900.56	2874.38	2900.08	0.88	ppb
Iron	56-2	2874.51	2858.05	2878.16	2870.24	0.37	ppb
Iron	57-2	2849.79	2821.93	2809.05	2826.92	0.74	ppb
Krypton	83-1						cps
Lead	206-1	250.26	251.48	253.68	251.81	0.69	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:39:50 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	249.51	252.63	260.68	254.27	2.27	ppb
Lead	208-1	248.69	251.97	254.86	251.84	1.22	ppb
Lithium	6-1				97		%
Magnesium	24-2	5665.26	5693.07	5645.19	5667.84	0.42	ppb
Manganese	55-2	564.91	566.40	556.29	562.53	0.97	ppb
Molybdenum	94-1	497.35	509.09	513.28	506.57	1.63	ppb
Molybdenum	95-1	502.46	511.02	509.39	507.62	0.90	ppb
Molybdenum	96-1	491.28	511.48	503.81	502.19	2.03	ppb
Molybdenum	97-1	500.59	512.79	501.86	505.08	1.33	ppb
Molybdenum	98-1	497.13	509.16	503.36	503.22	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.03	56.04	55.07	55.72	1.00	ppb
Phosphorus	31-2	1091.16	1102.26	1089.29	1094.24	0.64	ppb
Potassium	39-2	2593.56	2578.78	2575.01	2582.45	0.38	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	53.74	54.68	54.14	54.19	0.87	ppb
Selenium	77-2	47.36	47.96	54.76	50.03	8.22	ppb
Selenium	78-2	58.12	55.68	54.69	56.17	3.15	ppb
Silicon	28-1	53.73	55.61	55.27	54.87	1.82	ppb
Silver	107-1	55.24	55.88	54.96	55.36	0.85	ppb
Silver	109-1	55.10	55.37	55.64	55.37	0.49	ppb
Sodium	23-2	5492.54	5455.82	5398.57	5448.97	0.87	ppb
Strontium	86-1	50.11	50.75	50.10	50.32	0.74	ppb
Strontium	88-1	50.78	51.66	51.20	51.21	0.86	ppb
Sulfur	34-1	1160.20	1307.61	1337.18	1268.33	7.47	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	48.91	48.71	48.88	48.83	0.22	ppb
Thallium	205-1	49.83	49.95	50.36	50.05	0.56	ppb
Tin	118-1	51.17	53.07	50.93	51.72	2.27	ppb
Titanium	47-1	518.31	517.77	522.66	519.58	0.52	ppb
Uranium	238-1	48.76	49.38	49.32	49.15	0.69	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:39:50 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	54.84	54.42	54.17	54.48	0.62	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	569.69	573.75	563.01	568.82	0.95	ppb
Zirconium	90-1	50.05	52.10	50.81	50.99	2.03	ppb
Zirconium	91-1	48.42	50.08	49.00	49.17	1.72	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:42:51 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2638.96	2624.68	2679.17	2647.60	1.07	ppb
Antimony	121-1	130.13	129.47	129.84	129.81	0.26	ppb
Arsenic	75-2	127.94	134.45	128.66	130.35	2.74	ppb
Barium	135-1	645.00	648.52	631.57	641.70	1.39	ppb
Barium	137-1	649.91	645.91	630.40	642.07	1.61	ppb
Beryllium	9-1	131.36	134.72	131.08	132.39	1.53	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	134.47	133.69	133.84	134.00	0.31	ppb
Cadmium	106-1	132.88	129.67	130.08	130.88	1.33	ppb
Cadmium	111-1	129.77	129.68	129.79	129.75	0.04	ppb
Calcium	43-1	13225.51	13564.08	13391.55	13393.71	1.26	ppb
Calcium	44-1	13224.41	13282.80	13407.57	13304.93	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133.70	133.42	134.16	133.76	0.28	ppb
Cobalt	59-2	141.16	137.35	137.72	138.75	1.51	ppb
Copper	63-2	1393.40	1410.87	1421.12	1408.46	1.00	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				99		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	7270.37	7283.71	7223.02	7259.04	0.44	ppb
Iron	56-2	6972.05	6969.13	7031.94	6991.04	0.51	ppb
Iron	57-2	6862.95	6880.28	6951.69	6898.31	0.68	ppb
Krypton	83-1						cps
Lead	206-1	617.58	623.84	613.63	618.35	0.83	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:42:51 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	620.40	629.83	621.44	623.89	0.83	ppb
Lead	208-1	615.85	622.77	617.47	618.70	0.58	ppb
Lithium	6-1				96		%
Magnesium	24-2	13594.64	13765.08	13741.32	13700.35	0.67	ppb
Manganese	55-2	1348.51	1348.45	1355.11	1350.69	0.28	ppb
Molybdenum	94-1	1240.29	1262.68	1266.84	1256.60	1.14	ppb
Molybdenum	95-1	1244.39	1266.42	1265.06	1258.62	0.98	ppb
Molybdenum	96-1	1251.79	1262.72	1273.57	1262.69	0.86	ppb
Molybdenum	97-1	1273.20	1263.26	1285.10	1273.85	0.86	ppb
Molybdenum	98-1	1255.34	1261.11	1268.66	1261.70	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.99	133.48	134.92	134.13	0.55	ppb
Phosphorus	31-2	2645.39	2677.19	2634.74	2652.44	0.83	ppb
Potassium	39-2	6437.09	6414.67	6388.44	6413.40	0.38	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	129.43	132.45	133.06	131.65	1.48	ppb
Selenium	77-2	125.20	137.01	134.75	132.32	4.74	ppb
Selenium	78-2	125.13	140.23	135.50	133.62	5.78	ppb
Silicon	28-1	135.93	136.09	135.75	135.93	0.13	ppb
Silver	107-1	136.86	133.23	132.89	134.33	1.64	ppb
Silver	109-1	136.93	135.70	135.71	136.11	0.52	ppb
Sodium	23-2	13198.89	13238.60	13556.87	13331.45	1.47	ppb
Strontium	86-1	127.73	129.45	128.66	128.61	0.67	ppb
Strontium	88-1	126.39	126.31	127.30	126.67	0.44	ppb
Sulfur	34-1	2399.13	2407.20	2485.10	2430.48	1.95	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	125.36	126.10	125.06	125.51	0.43	ppb
Thallium	205-1	121.27	121.76	121.41	121.48	0.21	ppb
Tin	118-1	128.47	128.76	130.11	129.12	0.68	ppb
Titanium	47-1	1273.72	1286.50	1297.14	1285.79	0.91	ppb
Uranium	238-1	119.73	121.62	118.96	120.10	1.14	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:42:51 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	133.90	132.89	134.59	133.79	0.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	1400.13	1421.23	1428.83	1416.73	1.05	ppb
Zirconium	90-1	124.73	125.19	125.71	125.21	0.39	ppb
Zirconium	91-1	122.67	125.21	124.03	123.97	1.03	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:45:39 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5174.00	5197.70	5076.18	5149.29	1.25	ppb
Antimony	121-1	244.18	248.44	247.75	246.79	0.93	ppb
Arsenic	75-2	254.31	251.96	249.55	251.94	0.94	ppb
Barium	135-1	1211.71	1219.98	1230.82	1220.84	0.79	ppb
Barium	137-1	1213.57	1225.52	1236.67	1225.25	0.94	ppb
Beryllium	9-1	253.64	258.08	264.07	258.60	2.02	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	248.86	251.87	258.12	252.95	1.87	ppb
Cadmium	106-1	248.68	248.09	250.67	249.15	0.54	ppb
Cadmium	111-1	252.66	257.63	261.01	257.10	1.63	ppb
Calcium	43-1	26341.03	26380.19	26255.35	26325.53	0.24	ppb
Calcium	44-1	25796.59	25984.60	26143.16	25974.78	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	274.20	271.09	262.35	269.21	2.28	ppb
Cobalt	59-2	269.28	271.85	264.96	268.70	1.30	ppb
Copper	63-2	2727.54	2701.33	2689.46	2706.11	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	13987.43	14004.53	13677.80	13889.92	1.32	ppb
Iron	56-2	13597.48	13646.50	13414.46	13552.81	0.90	ppb
Iron	57-2	13595.72	13875.00	13657.30	13709.34	1.07	ppb
Krypton	83-1						cps
Lead	206-1	1204.82	1246.73	1199.54	1217.03	2.12	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:45:39 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1214.27	1224.97	1217.83	1219.02	0.45	ppb
Lead	208-1	1211.75	1228.49	1220.34	1220.20	0.69	ppb
Lithium	6-1				95		%
Magnesium	24-2	27113.05	26546.33	26548.09	26735.82	1.22	ppb
Manganese	55-2	2670.81	2680.21	2574.17	2641.73	2.22	ppb
Molybdenum	94-1	2441.88	2509.64	2489.06	2480.19	1.40	ppb
Molybdenum	95-1	2447.50	2494.38	2499.79	2480.56	1.16	ppb
Molybdenum	96-1	2471.19	2486.66	2473.46	2477.10	0.34	ppb
Molybdenum	97-1	2495.78	2551.09	2491.05	2512.64	1.33	ppb
Molybdenum	98-1	2469.77	2520.10	2448.48	2479.45	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.37	258.98	254.59	256.98	0.87	ppb
Phosphorus	31-2	5357.36	5283.52	5233.29	5291.39	1.18	ppb
Potassium	39-2	12397.58	12393.71	12170.12	12320.47	1.06	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	254.81	264.09	257.85	258.92	1.83	ppb
Selenium	77-2	254.40	240.66	250.77	248.61	2.86	ppb
Selenium	78-2	264.64	253.26	253.55	257.15	2.52	ppb
Silicon	28-1	265.44	272.55	268.54	268.84	1.33	ppb
Silver	107-1	251.17	249.53	257.37	252.69	1.64	ppb
Silver	109-1	259.08	259.36	263.43	260.63	0.93	ppb
Sodium	23-2	26216.27	25990.15	25957.69	26054.71	0.54	ppb
Strontium	86-1	251.86	252.64	252.55	252.35	0.17	ppb
Strontium	88-1	249.75	253.59	251.55	251.63	0.76	ppb
Sulfur	34-1	4780.46	4868.43	4765.80	4804.90	1.16	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	242.52	251.13	240.86	244.83	2.25	ppb
Thallium	205-1	241.45	248.18	238.66	242.76	2.02	ppb
Tin	118-1	251.01	254.14	248.85	251.33	1.06	ppb
Titanium	47-1	2495.80	2511.79	2503.01	2503.53	0.32	ppb
Uranium	238-1	236.64	237.63	243.09	239.12	1.45	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:45:39 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	265.89	261.97	261.64	263.17	0.90	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	2707.22	2699.52	2711.84	2706.19	0.23	ppb
Zirconium	90-1	244.56	250.50	248.50	247.85	1.22	ppb
Zirconium	91-1	242.89	245.91	249.26	246.02	1.29	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:48:26 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10138.91	9789.36	9989.37	9972.55	1.76	ppb
Antimony	121-1	534.88	495.18	496.90	508.99	4.41	ppb
Arsenic	75-2	496.72	490.99	504.26	497.33	1.34	ppb
Barium	135-1	2670.62	2476.34	2484.95	2543.97	4.31	ppb
Barium	137-1	2660.25	2473.75	2489.97	2541.33	4.07	ppb
Beryllium	9-1	521.25	504.60	506.99	510.94	1.76	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	539.22	498.94	504.25	514.14	4.26	ppb
Cadmium	106-1	534.68	497.74	499.77	510.73	4.07	ppb
Cadmium	111-1	542.03	504.85	512.83	519.90	3.77	ppb
Calcium	43-1	55060.54	52543.75	51664.95	53089.75	3.32	ppb
Calcium	44-1	54942.23	52076.90	51172.71	52730.61	3.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	533.10	516.65	518.07	522.61	1.74	ppb
Cobalt	59-2	520.82	509.12	525.14	518.36	1.60	ppb
Copper	63-2	5252.93	5148.89	5286.18	5229.33	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	54-2	27814.87	26798.58	27229.67	27281.04	1.87	ppb
Iron	56-2	27108.74	26281.30	26875.05	26755.03	1.59	ppb
Iron	57-2	26859.43	26173.08	26999.89	26677.47	1.66	ppb
Krypton	83-1						cps
Lead	206-1	2545.84	2455.49	2426.92	2476.08	2.51	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:48:26 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2585.52	2478.39	2434.75	2499.55	3.10	ppb
Lead	208-1	2572.99	2476.26	2437.50	2495.58	2.80	ppb
Lithium	6-1				92		%
Magnesium	24-2	53116.15	52058.78	52835.91	52670.28	1.04	ppb
Manganese	55-2	5252.88	5111.56	5211.87	5192.10	1.40	ppb
Molybdenum	94-1	5251.18	4810.53	5038.61	5033.44	4.38	ppb
Molybdenum	95-1	5255.80	4769.11	4977.68	5000.86	4.88	ppb
Molybdenum	96-1	5253.72	4787.75	4977.28	5006.25	4.68	ppb
Molybdenum	97-1	5253.49	4868.70	4966.48	5029.56	3.98	ppb
Molybdenum	98-1	5300.78	4833.75	4941.34	5025.29	4.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	538.97	519.41	540.49	532.96	2.21	ppb
Phosphorus	31-2	10469.47	10278.78	10448.16	10398.81	1.00	ppb
Potassium	39-2	24831.95	24378.51	24440.93	24550.46	1.00	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	529.60	493.18	509.59	510.79	3.57	ppb
Selenium	77-2	519.47	476.08	490.30	495.28	4.47	ppb
Selenium	78-2	513.27	498.12	506.89	506.09	1.50	ppb
Silicon	28-1	561.49	524.35	516.99	534.28	4.47	ppb
Silver	107-1	541.73	502.03	505.92	516.56	4.24	ppb
Silver	109-1	546.90	513.34	510.39	523.54	3.87	ppb
Sodium	23-2	52197.80	50734.63	51800.03	51577.49	1.47	ppb
Strontium	86-1	530.92	491.12	492.69	504.91	4.46	ppb
Strontium	88-1	531.31	495.88	498.01	508.40	3.91	ppb
Sulfur	34-1	10860.40	9853.93	9926.63	10213.65	5.50	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	511.22	488.96	488.52	496.23	2.62	ppb
Thallium	205-1	510.34	487.60	490.24	496.06	2.51	ppb
Tin	118-1	535.24	500.62	498.39	511.42	4.04	ppb
Titanium	47-1	5347.37	5043.23	4985.36	5125.32	3.79	ppb
Uranium	238-1	513.19	488.72	490.17	497.36	2.76	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:48:26 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	527.02	510.12	516.80	517.98	1.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	5265.73	5099.56	5369.92	5245.07	2.60	ppb
Zirconium	90-1	524.10	490.28	497.62	504.00	3.53	ppb
Zirconium	91-1	523.09	479.19	492.25	498.18	4.52	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:51:11 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19373.47	19419.19	19215.99	19336.22	0.55	ppb
Antimony	121-1	997.26	990.55	998.86	995.56	0.44	ppb
Arsenic	75-2	1045.40	970.81	984.08	1000.10	3.98	ppb
Barium	135-1	4976.12	4970.69	5001.20	4982.67	0.33	ppb
Barium	137-1	4972.22	4994.38	4982.12	4982.91	0.22	ppb
Beryllium	9-1	995.64	982.95	994.79	991.13	0.72	ppb
Bismuth	209-1				88		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	993.26	985.29	994.07	990.87	0.49	ppb
Cadmium	106-1	995.73	986.98	999.08	993.93	0.63	ppb
Cadmium	111-1	993.57	986.75	982.32	987.55	0.57	ppb
Calcium	43-1	102828.49	103449.62	101610.56	102629.56	0.91	ppb
Calcium	44-1	101907.30	102525.53	100861.97	101764.93	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	985.88	985.11	976.71	982.57	0.52	ppb
Cobalt	59-2	983.34	982.85	986.27	984.16	0.19	ppb
Copper	63-2	9805.18	9803.04	9821.87	9810.03	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				85		%
Indium	115-2				81		%
Iron	54-2	51135.82	51894.46	51407.27	51479.18	0.75	ppb
Iron	56-2	50208.45	50669.32	50494.04	50457.27	0.46	ppb
Iron	57-2	50882.91	50295.00	51107.54	50761.82	0.83	ppb
Krypton	83-1						cps
Lead	206-1	4930.20	5067.40	5065.23	5020.94	1.57	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:51:11 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4935.10	5029.79	5058.79	5007.89	1.29	ppb
Lead	208-1	4915.40	5048.31	5067.35	5010.36	1.65	ppb
Lithium	6-1				93		%
Magnesium	24-2	99916.01	99694.22	100371.67	99993.97	0.35	ppb
Manganese	55-2	9791.92	9952.59	9813.89	9852.80	0.88	ppb
Molybdenum	94-1	9953.65	10042.81	9964.77	9987.08	0.49	ppb
Molybdenum	95-1	10075.63	10053.65	9879.63	10002.97	1.07	ppb
Molybdenum	96-1	10081.12	10012.31	9909.28	10000.90	0.86	ppb
Molybdenum	97-1	9939.69	10030.96	9965.82	9978.83	0.47	ppb
Molybdenum	98-1	10053.31	9977.18	9942.12	9990.87	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.38	965.21	984.46	980.35	1.38	ppb
Phosphorus	31-2	19685.83	19827.43	19598.69	19703.98	0.59	ppb
Potassium	39-2	47540.98	47352.52	47192.81	47362.10	0.37	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	1007.52	988.10	978.37	991.33	1.50	ppb
Selenium	77-2	1036.35	1001.33	967.68	1001.79	3.43	ppb
Selenium	78-2	1029.56	980.86	970.91	993.77	3.16	ppb
Silicon	28-1	976.71	985.51	967.67	976.63	0.91	ppb
Silver	107-1	983.59	1001.45	983.80	989.61	1.04	ppb
Silver	109-1	989.26	982.03	980.45	983.91	0.48	ppb
Sodium	23-2	98802.32	98385.03	100135.78	99107.71	0.92	ppb
Strontium	86-1	1001.11	1003.73	984.63	996.49	1.04	ppb
Strontium	88-1	997.92	999.62	987.83	995.12	0.64	ppb
Sulfur	34-1	19822.73	20185.06	19803.88	19937.22	1.08	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	988.48	1020.29	1000.74	1003.17	1.60	ppb
Thallium	205-1	983.16	1021.90	1007.60	1004.22	1.95	ppb
Tin	118-1	993.74	994.97	991.36	993.36	0.19	ppb
Titanium	47-1	9869.64	10039.58	9883.79	9931.00	0.95	ppb
Uranium	238-1	992.97	1017.27	1003.84	1004.69	1.21	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:51:11 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	977.04	990.13	992.00	986.39	0.83	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	9867.95	9738.69	9798.26	9801.63	0.66	ppb
Zirconium	90-1	993.29	1000.41	1001.68	998.46	0.45	ppb
Zirconium	91-1	996.22	1011.88	998.13	1002.08	0.85	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:54:02 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97766.68	101669.67	100933.73	100123.36	2.07	ppb
Antimony	121-1	0.47	0.46	0.44	0.45	3.46	ppb
Arsenic	75-2	0.53	0.43	0.48	0.48	9.76	ppb
Barium	135-1	1.89	1.89	1.90	1.89	0.29	ppb
Barium	137-1	1.95	1.92	1.86	1.91	2.42	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	24.82	ppb
Bismuth	209-1				74		%
Bismuth	209-2				76		%
Bromine	81-1						cps
Cadmium	108-1	0.31	0.34	0.45	0.37	19.10	ppb
Cadmium	106-1	-0.31	-0.02	-0.17	-0.17		ppb
Cadmium	111-1	0.12	0.12	0.10	0.11	6.83	ppb
Calcium	43-1	500256.82	496621.98	500337.70	499072.17	0.43	ppb
Calcium	44-1	503972.20	495290.47	498643.37	499302.01	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.72	6.83	7.01	6.85	2.10	ppb
Cobalt	59-2	2.07	2.08	2.13	2.09	1.67	ppb
Copper	63-2	7.30	7.45	7.42	7.39	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				89		%
Indium	115-1				79		%
Indium	115-2				85		%
Iron	54-2	245069.21	250721.72	252341.07	249377.33	1.53	ppb
Iron	56-2	248814.92	251358.57	248801.02	249658.17	0.59	ppb
Iron	57-2	245304.80	252416.87	251078.16	249599.94	1.51	ppb
Krypton	83-1						cps
Lead	206-1	3.85	3.97	3.81	3.87	2.11	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:54:02 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	3.80	3.94	3.79	3.84	2.29	ppb
Lead	208-1	3.85	3.92	3.81	3.86	1.45	ppb
Lithium	6-1				83		%
Magnesium	24-2	497712.99	502890.38	498228.41	499610.59	0.57	ppb
Manganese	55-2	4.88	4.86	4.78	4.84	1.10	ppb
Molybdenum	94-1	1.94	1.90	1.86	1.90	2.11	ppb
Molybdenum	95-1	1.26	1.25	1.21	1.24	2.27	ppb
Molybdenum	96-1	2.07	2.04	1.97	2.03	2.59	ppb
Molybdenum	97-1	1.30	1.19	1.17	1.22	5.83	ppb
Molybdenum	98-1	1.21	1.19	1.11	1.17	4.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.01	7.12	7.11	7.08	0.88	ppb
Phosphorus	31-2	-10.82	-17.73	-10.65	-13.07		ppb
Potassium	39-2	249778.76	250881.80	251068.97	250576.51	0.28	ppb
Rhodium	103-1				74		%
Rhodium	103-2				78		%
Scandium	45-1				86		%
Scandium	45-2				92		%
Selenium	82-1	0.76	0.60	0.95	0.77	23.15	ppb
Selenium	77-2	0.63	-0.21	-0.49	-0.03		ppb
Selenium	78-2	0.81	0.47	0.54	0.61	29.00	ppb
Silicon	28-1	3.82	3.36	4.52	3.90	15.01	ppb
Silver	107-1	0.10	0.09	0.08	0.09	10.94	ppb
Silver	109-1	0.10	0.10	0.08	0.09	9.29	ppb
Sodium	23-2	496251.93	504380.10	499195.79	499942.61	0.82	ppb
Strontium	86-1	3.18	3.18	3.15	3.17	0.63	ppb
Strontium	88-1	3.15	3.20	3.19	3.18	0.90	ppb
Sulfur	34-1	-378.46	-524.94	-485.72	-463.04		ppb
Terbium	159-1				86		%
Terbium	159-2				89		%
Thallium	203-1	0.08	0.07	0.06	0.07	12.00	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	10.66	ppb
Tin	118-1	0.21	0.18	0.19	0.19	6.65	ppb
Titanium	47-1	0.80	0.74	0.79	0.78	4.09	ppb
Uranium	238-1	0.05	0.04	0.03	0.04	15.54	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:54:02 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.27	0.26	0.23	0.25	8.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				85		%
Yttrium	89-2				88		%
Zinc	66-2	16.25	16.47	16.56	16.43	0.98	ppb
Zirconium	90-1	0.46	0.46	0.44	0.45	2.56	ppb
Zirconium	91-1	0.46	0.46	0.44	0.46	2.06	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:40:43 DataFile Name : 017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	474.72	467.90	461.60	468.07	1.40	ppb
Antimony	121-1	197.66	196.77	195.62	196.68	0.52	ppb
Arsenic	75-2	195.42	194.38	197.17	195.66	0.72	ppb
Barium	135-1	94.72	96.25	96.13	95.70	0.89	ppb
Barium	137-1	101.06	100.15	97.68	99.63	1.76	ppb
Beryllium	9-1	94.49	93.96	95.30	94.58	0.72	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	176.03	179.18	177.81	177.67	0.89	ppb
Cadmium	106-1	186.50	188.23	185.36	186.70	0.77	ppb
Cadmium	111-1	104.79	107.35	106.04	106.06	1.21	ppb
Calcium	43-1	2222.98	2295.97	2277.26	2265.40	1.67	ppb
Calcium	44-1	2097.36	2130.83	2146.65	2124.95	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.72	98.00	98.52	99.08	1.46	ppb
Cobalt	59-2	105.38	103.90	103.91	104.40	0.82	ppb
Copper	63-2	94.29	92.25	93.46	93.33	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	2100.70	2057.88	2081.79	2080.12	1.03	ppb
Iron	56-2	2062.34	1973.52	2029.60	2021.82	2.22	ppb
Iron	57-2	2002.87	1957.27	1985.79	1981.98	1.16	ppb
Krypton	83-1						cps
Lead	206-1	203.57	196.35	202.87	200.93	1.98	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:40:43 DataFile Name : 017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	197.49	191.14	200.22	196.28	2.37	ppb
Lead	208-1	199.09	194.76	201.59	198.48	1.74	ppb
Lithium	6-1				103		%
Magnesium	24-2	1198.84	1168.61	1187.12	1184.86	1.29	ppb
Manganese	55-2	95.30	91.95	93.85	93.70	1.80	ppb
Molybdenum	94-1	4774.48	4766.02	4797.65	4779.38	0.34	ppb
Molybdenum	95-1	4722.89	4690.01	4791.67	4734.86	1.10	ppb
Molybdenum	96-1	4751.81	4745.36	4723.99	4740.39	0.31	ppb
Molybdenum	97-1	4731.48	4838.19	4749.15	4772.94	1.20	ppb
Molybdenum	98-1	4704.94	4802.24	4698.12	4735.10	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.40	104.21	105.29	105.30	1.04	ppb
Phosphorus	31-2	-25.79	-22.98	-21.21	-23.32		ppb
Potassium	39-2	1872.31	1817.34	1830.42	1840.02	1.56	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	196.23	202.45	200.99	199.89	1.63	ppb
Selenium	77-2	202.32	192.46	198.72	197.83	2.52	ppb
Selenium	78-2	201.55	195.34	211.09	202.66	3.91	ppb
Silicon	28-1	62.73	65.10	64.47	64.10	1.92	ppb
Silver	107-1	51.63	52.15	51.64	51.81	0.57	ppb
Silver	109-1	52.00	51.35	50.61	51.32	1.35	ppb
Sodium	23-2	2042.67	1971.61	2015.83	2010.04	1.79	ppb
Strontium	86-1	489.06	504.90	494.57	496.18	1.62	ppb
Strontium	88-1	493.06	504.72	500.88	499.55	1.19	ppb
Sulfur	34-1	-1013.29	-893.96	-932.74	-946.66		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	199.88	192.20	197.74	196.61	2.02	ppb
Thallium	205-1	196.31	190.04	198.11	194.82	2.17	ppb
Tin	118-1	515.76	510.91	510.44	512.37	0.57	ppb
Titanium	47-1	4755.75	4867.72	4856.47	4826.65	1.28	ppb
Uranium	238-1	496.96	489.62	505.99	497.52	1.65	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:40:43 DataFile Name : 017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	96.43	94.84	95.85	95.71	0.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	202.71	197.70	197.81	199.41	1.43	ppb
Zirconium	90-1	478.71	472.72	487.89	479.77	1.59	ppb
Zirconium	91-1	473.74	468.73	480.64	474.37	1.26	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:44:45 DataFile Name : 018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.60	23.47	25.08	23.72	5.30	ppb
Antimony	121-1	1.91	1.90	1.88	1.89	0.81	ppb
Arsenic	75-2	0.99	1.03	0.92	0.98	5.95	ppb
Barium	135-1	9.29	9.09	9.22	9.20	1.13	ppb
Barium	137-1	9.24	9.22	9.30	9.25	0.45	ppb
Beryllium	9-1	1.09	1.01	1.03	1.04	3.98	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.92	0.95	0.91	0.92	1.97	ppb
Cadmium	106-1	0.58	0.00	-0.02	0.18	185.22	ppb
Cadmium	111-1	0.94	0.90	0.94	0.93	2.79	ppb
Calcium	43-1	508.80	527.22	530.45	522.15	2.24	ppb
Calcium	44-1	507.71	521.52	523.27	517.50	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	1.99	1.96	2.00	2.12	ppb
Cobalt	59-2	1.04	1.02	1.01	1.02	1.29	ppb
Copper	63-2	1.98	1.93	1.93	1.94	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	54.91	52.64	52.74	53.43	2.40	ppb
Iron	56-2	51.26	51.09	55.08	52.48	4.30	ppb
Iron	57-2	50.23	51.79	47.93	49.98	3.89	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.94	0.92	0.92	1.85	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:44:45 DataFile Name : 018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.94	0.98	0.92	0.95	2.98	ppb
Lead	208-1	0.93	0.94	0.93	0.94	0.60	ppb
Lithium	6-1				104		%
Magnesium	24-2	534.93	529.66	532.98	532.52	0.50	ppb
Manganese	55-2	0.95	0.99	1.02	0.99	3.50	ppb
Molybdenum	94-1	5.44	5.45	5.44	5.44	0.12	ppb
Molybdenum	95-1	4.51	4.58	4.57	4.55	0.91	ppb
Molybdenum	96-1	4.56	4.73	4.70	4.66	1.95	ppb
Molybdenum	97-1	4.68	4.68	4.68	4.68	0.03	ppb
Molybdenum	98-1	4.57	4.60	4.63	4.60	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.90	0.98	0.95	4.78	ppb
Phosphorus	31-2	36.71	27.90	17.13	27.24	35.99	ppb
Potassium	39-2	487.10	485.56	492.06	488.24	0.69	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	4.98	5.01	4.72	4.90	3.22	ppb
Selenium	77-2	3.93	3.39	3.66	3.66	7.43	ppb
Selenium	78-2	5.76	4.52	4.63	4.97	13.78	ppb
Silicon	28-1	1.53	1.56	1.50	1.53	2.04	ppb
Silver	107-1	0.92	0.91	0.94	0.92	1.40	ppb
Silver	109-1	0.93	0.94	0.95	0.94	1.51	ppb
Sodium	23-2	539.50	529.83	529.31	532.88	1.08	ppb
Strontium	86-1	0.97	1.01	0.97	0.99	2.16	ppb
Strontium	88-1	1.01	1.02	1.02	1.01	0.67	ppb
Sulfur	34-1	-728.46	-561.28	-518.18	-602.64		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.85	0.91	0.88	0.88	3.34	ppb
Thallium	205-1	0.87	0.89	0.88	0.88	1.15	ppb
Tin	118-1	4.77	4.72	4.78	4.76	0.71	ppb
Titanium	47-1	4.89	4.84	4.96	4.90	1.29	ppb
Uranium	238-1	0.87	0.89	0.88	0.88	1.09	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:44:45 DataFile Name : 018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.89	4.96	4.87	4.90	1.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	4.66	4.81	4.83	4.77	1.93	ppb
Zirconium	90-1	0.90	0.92	0.91	0.91	1.20	ppb
Zirconium	91-1	0.88	0.89	0.91	0.89	1.59	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:48:18 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.57	2.05	1.71	2.11	20.47	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	11.47	ppb
Arsenic	75-2	0.00	0.01	0.00	0.01	33.92	ppb
Barium	135-1	0.00	0.01	0.00	0.00	182.98	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	22.05	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.02	-0.01	-0.01	0.00		ppb
Cadmium	106-1	-1.01	-1.04	-0.74	-0.93		ppb
Cadmium	111-1	-0.08	-0.08	-0.06	-0.07		ppb
Calcium	43-1	-3.62	-1.95	-1.43	-2.33		ppb
Calcium	44-1	1.11	2.19	2.59	1.96	38.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.10	-0.01	0.05	110.71	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.06	0.07	0.06	3.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	0.34	0.18	0.21	0.24	34.87	ppb
Iron	56-2	0.17	0.02	1.75	0.65	147.35	ppb
Iron	57-2	0.31	-0.56	0.67	0.14	445.41	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	2.86	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:48:18 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.04	0.04	0.04	8.26	ppb
Lead	208-1	0.04	0.04	0.04	0.04	6.02	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.24	1.10	1.37	1.23	11.08	ppb
Manganese	55-2	-0.03	0.00	0.01	-0.01		ppb
Molybdenum	94-1	0.05	0.05	0.03	0.04	21.01	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	16.08	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	20.21	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.04	15.42	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-15.34	-16.82	-14.77	-15.64		ppb
Potassium	39-2	16.81	16.83	17.71	17.12	3.02	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.05	0.13	-0.01	0.06	127.54	ppb
Selenium	77-2	0.00	-0.49	-0.49	-0.33		ppb
Selenium	78-2	0.05	0.19	0.64	0.29	105.62	ppb
Silicon	28-1	0.36	0.36	0.40	0.37	5.56	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.45	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.06	ppb
Sodium	23-2	26.54	24.55	25.51	25.53	3.90	ppb
Strontium	86-1	0.01	0.01	0.01	0.01	32.37	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	7.92	ppb
Sulfur	34-1	-671.82	-558.96	-512.87	-581.22		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.01	0.01	0.01	14.46	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	2.96	ppb
Tin	118-1	-0.02	-0.02	-0.03	-0.02		ppb
Titanium	47-1	0.05	0.04	0.03	0.04	18.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	6.37	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:48:18 DataFile Name : 019CCBE.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				99		%
Yttrium	89-2				100		%
Zinc	66-2	-0.30	-0.38	-0.39	-0.36		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	12.55	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	16.01	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:57:28 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96195.41	96607.86	91631.59	94811.62	2.91	ppb
Antimony	121-1	1.23	1.26	1.22	1.24	1.78	ppb
Arsenic	75-2	0.35	0.42	0.35	0.37	11.77	ppb
Barium	135-1	1.37	1.48	1.38	1.41	4.36	ppb
Barium	137-1	1.42	1.43	1.40	1.42	0.96	ppb
Beryllium	9-1	-0.35	-0.36	-0.35	-0.36		ppb
Bismuth	209-1				86		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	14.08	14.32	14.71	14.37	2.23	ppb
Cadmium	106-1	-0.87	-0.91	-1.16	-0.98		ppb
Cadmium	111-1	0.54	0.48	0.46	0.49	9.13	ppb
Calcium	43-1	100876.13	101023.21	99237.66	100379.00	0.99	ppb
Calcium	44-1	100036.23	99808.31	98940.18	99594.90	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.63	19.36	19.12	19.37	1.31	ppb
Cobalt	59-2	1.16	1.14	1.15	1.15	1.10	ppb
Copper	63-2	7.04	6.82	6.77	6.88	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	104043.20	103782.29	101967.27	103264.26	1.10	ppb
Iron	56-2	102975.95	102849.84	101564.29	102463.36	0.76	ppb
Iron	57-2	103720.77	101215.68	100589.59	101842.01	1.63	ppb
Krypton	83-1						cps
Lead	206-1	4.57	4.55	4.59	4.57	0.46	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:57:28 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.28	4.25	4.24	4.26	0.54	ppb
Lead	208-1	4.39	4.35	4.38	4.37	0.47	ppb
Lithium	6-1				101		%
Magnesium	24-2	103740.77	102261.37	99879.73	101960.62	1.91	ppb
Manganese	55-2	6.97	6.78	6.59	6.78	2.82	ppb
Molybdenum	94-1	1583.03	1529.04	1547.41	1553.16	1.77	ppb
Molybdenum	95-1	1908.64	1857.42	1870.12	1878.73	1.42	ppb
Molybdenum	96-1	1860.56	1820.91	1841.96	1841.14	1.08	ppb
Molybdenum	97-1	1913.64	1880.67	1888.31	1894.21	0.91	ppb
Molybdenum	98-1	1924.23	1856.79	1890.25	1890.43	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.23	5.33	5.22	5.26	1.19	ppb
Phosphorus	31-2	111462.64	110975.73	107327.72	109922.03	2.06	ppb
Potassium	39-2	102327.11	101078.49	101339.72	101581.78	0.65	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.07	0.02	0.19	0.10	90.96	ppb
Selenium	77-2	-0.24	-0.49	-0.25	-0.33		ppb
Selenium	78-2	0.28	0.26	0.41	0.32	26.17	ppb
Silicon	28-1	3.24	3.18	3.09	3.17	2.42	ppb
Silver	107-1	0.03	0.04	0.05	0.04	22.94	ppb
Silver	109-1	0.03	0.04	0.04	0.04	12.82	ppb
Sodium	23-2	110689.57	107381.91	107565.92	108545.80	1.71	ppb
Strontium	86-1	32.80	32.00	32.19	32.33	1.29	ppb
Strontium	88-1	34.35	34.20	34.29	34.28	0.22	ppb
Sulfur	34-1	104731.56	104678.31	104267.33	104559.07	0.24	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.06	0.08	0.09	0.07	19.77	ppb
Thallium	205-1	0.06	0.07	0.09	0.07	19.23	ppb
Tin	118-1	0.12	0.10	0.11	0.11	8.37	ppb
Titanium	47-1	2025.68	2051.69	2026.60	2034.66	0.73	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	1.74	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:57:28 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.15	0.14	0.14	0.14	2.71	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	11.53	11.27	10.68	11.16	3.88	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	14.76	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	14.94	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:04:20 DataFile Name : 023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98083.33	96183.92	94302.95	96190.07	1.97	ppb
Antimony	121-1	21.23	21.25	21.54	21.34	0.82	ppb
Arsenic	75-2	21.18	20.83	21.04	21.02	0.84	ppb
Barium	135-1	20.94	21.22	21.15	21.10	0.69	ppb
Barium	137-1	21.65	21.35	21.40	21.47	0.75	ppb
Beryllium	9-1	21.13	21.42	21.32	21.29	0.70	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	36.86	36.77	36.52	36.72	0.48	ppb
Cadmium	106-1	25.20	25.07	25.47	25.25	0.81	ppb
Cadmium	111-1	20.89	20.56	20.79	20.75	0.81	ppb
Calcium	43-1	105368.03	101887.36	103424.57	103559.98	1.68	ppb
Calcium	44-1	103464.61	101632.62	102761.76	102619.66	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.40	39.66	38.71	39.59	2.14	ppb
Cobalt	59-2	20.88	21.04	20.54	20.82	1.22	ppb
Copper	63-2	24.83	25.03	24.21	24.69	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	102715.42	103597.81	100122.06	102145.10	1.77	ppb
Iron	56-2	102345.12	102501.47	99734.12	101526.90	1.53	ppb
Iron	57-2	101610.24	102724.46	99757.30	101364.00	1.48	ppb
Krypton	83-1						cps
Lead	206-1	24.08	24.46	24.44	24.33	0.88	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:04:20 DataFile Name : 023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	23.25	23.74	23.47	23.49	1.05	ppb
Lead	208-1	23.49	23.96	23.76	23.73	0.98	ppb
Lithium	6-1				103		%
Magnesium	24-2	103930.34	104254.69	102095.06	103426.69	1.13	ppb
Manganese	55-2	24.94	25.33	24.37	24.88	1.94	ppb
Molybdenum	94-1	1690.50	1690.03	1678.17	1686.23	0.41	ppb
Molybdenum	95-1	1937.55	1971.44	1929.71	1946.24	1.14	ppb
Molybdenum	96-1	1909.93	1930.12	1912.12	1917.39	0.58	ppb
Molybdenum	97-1	1923.98	1945.64	1955.13	1941.59	0.82	ppb
Molybdenum	98-1	1918.19	1941.77	1969.17	1943.05	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.40	24.27	23.94	24.20	0.99	ppb
Phosphorus	31-2	112672.81	111676.85	108978.79	111109.48	1.72	ppb
Potassium	39-2	102722.16	103597.87	102907.53	103075.85	0.45	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				105		%
Scandium	45-2				110		%
Selenium	82-1	21.59	21.52	20.62	21.24	2.54	ppb
Selenium	77-2	19.09	22.22	21.97	21.10	8.25	ppb
Selenium	78-2	20.69	19.27	21.53	20.50	5.57	ppb
Silicon	28-1	9.77	9.74	9.93	9.81	1.03	ppb
Silver	107-1	18.91	18.85	18.87	18.88	0.15	ppb
Silver	109-1	19.00	18.86	18.86	18.91	0.44	ppb
Sodium	23-2	110301.52	110767.96	108231.04	109766.84	1.23	ppb
Strontium	86-1	78.73	79.47	79.03	79.08	0.47	ppb
Strontium	88-1	81.76	81.39	82.55	81.90	0.72	ppb
Sulfur	34-1	106386.63	104694.36	106717.77	105932.92	1.02	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	19.32	19.56	19.37	19.42	0.66	ppb
Thallium	205-1	19.55	19.63	19.70	19.62	0.38	ppb
Tin	118-1	46.40	47.09	46.62	46.71	0.75	ppb
Titanium	47-1	2086.68	2074.45	2104.35	2088.49	0.72	ppb
Uranium	238-1	46.80	47.25	48.08	47.38	1.37	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:04:20 DataFile Name : 023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.55	20.61	20.17	20.45	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				104		%
Zinc	66-2	31.64	31.95	31.24	31.61	1.12	ppb
Zirconium	90-1	47.48	47.16	47.32	47.32	0.34	ppb
Zirconium	91-1	44.99	44.54	44.63	44.72	0.53	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:07:30 DataFile Name : 024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53047.49	53624.18	52746.67	53139.45	0.84	ppb
Antimony	121-1	520.80	515.85	521.15	519.27	0.57	ppb
Arsenic	75-2	509.80	509.80	518.93	512.84	1.03	ppb
Barium	135-1	2556.22	2591.85	2607.11	2585.06	1.01	ppb
Barium	137-1	2549.99	2595.89	2618.62	2588.16	1.35	ppb
Beryllium	9-1	537.75	542.89	535.66	538.76	0.69	ppb
Bismuth	209-1				80		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Cadmium	108-1	506.77	507.66	511.21	508.55	0.46	ppb
Cadmium	106-1	507.58	512.81	515.16	511.85	0.76	ppb
Cadmium	111-1	501.51	514.06	513.62	509.73	1.40	ppb
Calcium	43-1	260946.14	260597.98	257168.80	259570.97	0.80	ppb
Calcium	44-1	256580.38	261909.54	255216.41	257902.11	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.13	514.86	508.06	513.68	1.00	ppb
Cobalt	59-2	482.29	487.01	478.65	482.65	0.87	ppb
Copper	63-2	4618.97	4703.96	4604.50	4642.48	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				93		%
Indium	115-1				85		%
Indium	115-2				86		%
Iron	54-2	127087.10	127076.75	126800.26	126988.04	0.13	ppb
Iron	56-2	125982.82	125443.11	126497.52	125974.48	0.42	ppb
Iron	57-2	123654.15	123880.00	123198.75	123577.63	0.28	ppb
Krypton	83-1						cps
Lead	206-1	2556.95	2542.13	2532.67	2543.92	0.48	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:07:30 DataFile Name : 024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2564.03	2574.61	2515.30	2551.31	1.24	ppb
Lead	208-1	2551.90	2574.90	2525.21	2550.67	0.97	ppb
Lithium	6-1				96		%
Magnesium	24-2	268860.47	261646.55	271517.95	267341.66	1.91	ppb
Manganese	55-2	5060.79	5093.13	5052.91	5068.94	0.42	ppb
Molybdenum	94-1	4999.14	4990.55	5047.27	5012.32	0.61	ppb
Molybdenum	95-1	4888.32	4982.08	5001.63	4957.35	1.22	ppb
Molybdenum	96-1	4926.04	4965.96	5004.45	4965.48	0.79	ppb
Molybdenum	97-1	4940.50	5001.16	5004.86	4982.17	0.73	ppb
Molybdenum	98-1	4906.49	4993.98	4948.94	4949.80	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.18	483.40	489.61	482.40	1.61	ppb
Phosphorus	31-2	10775.43	10975.43	10919.80	10890.22	0.95	ppb
Potassium	39-2	129644.97	130158.16	132115.40	130639.51	1.00	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				101		%
Scandium	45-2				108		%
Selenium	82-1	492.94	493.25	496.75	494.31	0.43	ppb
Selenium	77-2	496.69	490.06	500.58	495.78	1.07	ppb
Selenium	78-2	510.11	507.77	509.92	509.27	0.26	ppb
Silicon	28-1	502.14	497.41	484.05	494.53	1.90	ppb
Silver	107-1	496.56	501.53	511.21	503.10	1.48	ppb
Silver	109-1	496.22	508.79	507.13	504.05	1.35	ppb
Sodium	23-2	267982.33	267874.76	271141.89	268999.66	0.69	ppb
Strontium	86-1	505.63	502.80	513.92	507.45	1.14	ppb
Strontium	88-1	505.91	509.86	514.63	510.13	0.86	ppb
Sulfur	34-1	11286.51	11263.74	11058.78	11203.01	1.12	ppb
Terbium	159-1				90		%
Terbium	159-2				92		%
Thallium	203-1	510.75	511.32	511.47	511.18	0.07	ppb
Thallium	205-1	507.22	502.46	505.04	504.91	0.47	ppb
Tin	118-1	517.25	517.45	520.74	518.48	0.38	ppb
Titanium	47-1	5115.66	5016.59	5104.31	5078.85	1.07	ppb
Uranium	238-1	518.50	525.97	523.19	522.56	0.72	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:07:30 DataFile Name : 024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	521.60	516.48	520.45	519.51	0.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				101		%
Zinc	66-2	5433.40	5451.53	5421.30	5435.41	0.28	ppb
Zirconium	90-1	499.97	507.72	514.36	507.35	1.42	ppb
Zirconium	91-1	493.46	505.96	505.99	501.81	1.44	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:17:26 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.34	-0.01	-0.18		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	2.88	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.01	0.00	0.01	0.01	34.56	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	40.72	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.00	-0.01	0.00	344.00	ppb
Cadmium	106-1	-0.67	-0.42	-0.88	-0.66		ppb
Cadmium	111-1	-0.05	-0.03	-0.07	-0.05		ppb
Calcium	43-1	-8.97	-10.21	-9.22	-9.47		ppb
Calcium	44-1	-4.90	-5.67	-5.72	-5.43		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.35	-0.28	-0.35	-0.33		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.02	-0.01	0.00	0.00	372.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	-1.68	-1.21	-1.45	-1.45		ppb
Iron	56-2	-1.15	-1.21	-1.45	-1.27		ppb
Iron	57-2	-0.75	-0.80	-1.31	-0.95		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.05	0.04	11.87	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:17:26 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.04	0.04	0.04	10.13	ppb
Lead	208-1	0.04	0.04	0.04	0.04	2.38	ppb
Lithium	6-1				115		%
Magnesium	24-2	0.60	0.64	0.70	0.65	8.17	ppb
Manganese	55-2	-0.08	-0.05	-0.04	-0.06		ppb
Molybdenum	94-1	0.04	0.03	0.03	0.03	21.02	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	10.63	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	22.74	ppb
Molybdenum	97-1	0.01	0.02	0.01	0.02	26.05	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	14.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.25	-0.23	-0.24		ppb
Phosphorus	31-2	-20.37	-22.28	-21.08	-21.24		ppb
Potassium	39-2	28.64	28.65	27.90	28.40	1.51	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	82-1	-0.05	0.01	0.01	-0.01		ppb
Selenium	77-2	-0.49	-0.49	-0.49	-0.49		ppb
Selenium	78-2	-0.02	-0.48	0.12	-0.13		ppb
Silicon	28-1	0.10	0.03	0.13	0.09	58.74	ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.38	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.56	ppb
Sodium	23-2	42.99	41.65	41.66	42.10	1.83	ppb
Strontium	86-1	0.00	0.00	0.01	0.00	363.10	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-297.79	-365.66	-325.12	-329.52		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.02	0.02	1.12	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.68	ppb
Tin	118-1	-0.04	-0.05	-0.05	-0.05		ppb
Titanium	47-1	0.05	0.03	0.05	0.04	29.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:17:26 DataFile Name : 026CCBE.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				106		%
Yttrium	89-2				111		%
Zinc	66-2	-1.06	-1.18	-1.17	-1.14		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	32.10	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	33.88	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:20:50 DataFile Name : 027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.75	24.82	25.01	24.53	2.78	ppb
Antimony	121-1	1.89	1.95	1.92	1.92	1.57	ppb
Arsenic	75-2	0.98	1.07	1.03	1.03	4.45	ppb
Barium	135-1	9.08	9.36	9.23	9.22	1.54	ppb
Barium	137-1	9.18	9.50	9.43	9.37	1.77	ppb
Beryllium	9-1	0.99	1.01	1.01	1.00	1.29	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.92	0.95	0.83	0.90	7.05	ppb
Cadmium	106-1	0.13	0.57	0.26	0.32	70.77	ppb
Cadmium	111-1	0.93	0.98	0.94	0.95	2.57	ppb
Calcium	43-1	514.65	502.70	506.84	508.06	1.19	ppb
Calcium	44-1	531.67	527.76	518.97	526.14	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.83	1.90	1.90	1.87	2.25	ppb
Cobalt	59-2	1.00	0.99	1.00	1.00	0.77	ppb
Copper	63-2	1.84	1.87	1.88	1.86	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	50.99	52.92	50.93	51.62	2.19	ppb
Iron	56-2	48.90	49.76	49.04	49.23	0.94	ppb
Iron	57-2	49.36	48.93	47.21	48.50	2.35	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.91	0.90	0.90	1.64	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:20:50 DataFile Name : 027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.89	0.94	0.91	0.91	3.03	ppb
Lead	208-1	0.89	0.93	0.91	0.91	2.10	ppb
Lithium	6-1				115		%
Magnesium	24-2	544.43	543.11	536.82	541.45	0.75	ppb
Manganese	55-2	0.96	1.02	1.00	1.00	3.28	ppb
Molybdenum	94-1	5.27	5.28	5.41	5.32	1.42	ppb
Molybdenum	95-1	4.42	4.40	4.52	4.45	1.45	ppb
Molybdenum	96-1	4.51	4.43	4.58	4.51	1.72	ppb
Molybdenum	97-1	4.47	4.42	4.52	4.47	1.15	ppb
Molybdenum	98-1	4.40	4.41	4.56	4.46	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	0.83	0.90	0.87	4.11	ppb
Phosphorus	31-2	29.89	29.32	18.94	26.05	23.67	ppb
Potassium	39-2	504.30	517.73	517.12	513.05	1.48	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				116		%
Scandium	45-2				117		%
Selenium	82-1	4.74	5.01	4.99	4.91	3.12	ppb
Selenium	77-2	7.25	5.73	5.23	6.07	17.36	ppb
Selenium	78-2	5.06	4.95	5.29	5.10	3.36	ppb
Silicon	28-1	1.12	0.97	0.96	1.02	8.60	ppb
Silver	107-1	0.90	0.96	0.92	0.93	3.15	ppb
Silver	109-1	0.91	0.98	0.94	0.94	3.95	ppb
Sodium	23-2	561.22	568.64	563.39	564.42	0.68	ppb
Strontium	86-1	0.99	0.96	1.00	0.98	2.27	ppb
Strontium	88-1	1.00	1.01	1.03	1.01	1.28	ppb
Sulfur	34-1	-173.62	-258.09	-255.86	-229.19		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.83	0.89	0.85	0.86	3.22	ppb
Thallium	205-1	0.86	0.87	0.86	0.86	0.96	ppb
Tin	118-1	4.73	4.88	4.97	4.86	2.54	ppb
Titanium	47-1	4.77	4.67	4.63	4.69	1.50	ppb
Uranium	238-1	0.84	0.84	0.84	0.84	0.53	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:20:50 DataFile Name : 027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.72	4.85	4.74	4.77	1.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				111		%
Zinc	66-2	4.55	4.52	4.45	4.51	1.11	ppb
Zirconium	90-1	0.85	0.87	0.90	0.87	3.27	ppb
Zirconium	91-1	0.84	0.87	0.89	0.87	3.21	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-12 Instrumnet Name : P8
Client Sample ID : MW-17B-55-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:24:11 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.74	35.57	35.80	36.04	1.71	ppb
Antimony	121-1	0.29	0.29	0.28	0.29	0.92	ppb
Arsenic	75-2	0.80	0.79	0.72	0.77	5.72	ppb
Barium	135-1	413.42	420.86	408.62	414.30	1.49	ppb
Barium	137-1	413.50	425.30	411.76	416.85	1.77	ppb
Beryllium	9-1	-4.61	-4.75	-4.69	-4.69		ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.11	0.21	0.11	0.15	38.02	ppb
Cadmium	106-1	-0.76	-0.39	-0.99	-0.71		ppb
Cadmium	111-1	-0.05	-0.02	-0.06	-0.04		ppb
Calcium	43-1	26942.32	27383.75	27326.79	27217.62	0.88	ppb
Calcium	44-1	26928.60	27086.05	27064.98	27026.54	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-1.32	-1.30	-1.32	-1.31		ppb
Cobalt	59-2	6.28	6.35	6.26	6.30	0.75	ppb
Copper	63-2	0.10	0.10	0.09	0.09	9.06	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				102		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	5607.32	5619.17	5536.19	5587.56	0.80	ppb
Iron	56-2	5481.41	5415.77	5354.58	5417.25	1.17	ppb
Iron	57-2	5204.79	5256.98	5099.81	5187.19	1.54	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.20	0.20	0.20	1.47	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-12 Instrumnet Name : P8
Client Sample ID : MW-17B-55-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:24:11 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.19	0.19	0.19	0.19	1.01	ppb
Lead	208-1	0.19	0.19	0.19	0.19	0.05	ppb
Lithium	6-1				117		%
Magnesium	24-2	8761.28	8790.91	8514.46	8688.88	1.75	ppb
Manganese	55-2	501.58	491.76	478.13	490.49	2.40	ppb
Molybdenum	94-1	15.90	16.34	16.07	16.10	1.37	ppb
Molybdenum	95-1	19.21	19.43	19.43	19.36	0.65	ppb
Molybdenum	96-1	18.75	19.11	18.89	18.92	0.97	ppb
Molybdenum	97-1	19.53	19.71	19.64	19.63	0.45	ppb
Molybdenum	98-1	19.41	19.23	19.28	19.31	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.20	8.35	7.85	8.13	3.16	ppb
Phosphorus	31-2	309.90	314.17	296.80	306.96	2.95	ppb
Potassium	39-2	8302.42	8261.96	8184.34	8249.57	0.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	82-1	0.28	0.41	0.40	0.36	19.21	ppb
Selenium	77-2	-0.05	-0.49	-0.27	-0.27		ppb
Selenium	78-2	0.12	0.59	0.31	0.34	69.85	ppb
Silicon	28-1	2673.09	2709.30	2692.23	2691.54	0.67	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.71	ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.38	ppb
Sodium	23-2	7519.11	7620.04	7318.95	7486.03	2.05	ppb
Strontium	86-1	259.22	267.01	265.48	263.91	1.56	ppb
Strontium	88-1	257.38	265.38	265.42	262.73	1.76	ppb
Sulfur	34-1	826.80	732.16	645.46	734.81	12.34	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.22	0.23	0.22	0.22	1.42	ppb
Thallium	205-1	0.22	0.23	0.23	0.23	0.94	ppb
Tin	118-1	0.29	0.30	0.29	0.29	1.86	ppb
Titanium	47-1	1.39	1.40	1.37	1.39	1.01	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.21	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-12 Instrumnet Name : P8
Client Sample ID : MW-17B-55-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:24:11 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.34	0.33	0.31	0.33	4.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				111		%
Zinc	66-2	2.45	2.50	2.37	2.44	2.58	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	10.65	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	6.49	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-13 Instrumnet Name : P8
Client Sample ID : EB01-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:27:23 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.98	2.78	2.80	2.85	3.82	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	6.83	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.08	0.07	0.06	0.07	12.31	ppb
Barium	137-1	0.07	0.05	0.06	0.06	13.75	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	51.88	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.02	0.01	0.01	112.18	ppb
Cadmium	106-1	-0.72	-0.94	-0.84	-0.83		ppb
Cadmium	111-1	-0.05	-0.07	-0.07	-0.06		ppb
Calcium	43-1	-3.68	-5.65	-4.32	-4.55		ppb
Calcium	44-1	2.03	1.75	0.95	1.57	35.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-1.16	-1.13	-1.15	-1.15		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.07	0.07	0.10	0.08	18.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	9.86	10.57	11.10	10.51	5.92	ppb
Iron	56-2	11.29	11.60	12.01	11.64	3.12	ppb
Iron	57-2	11.98	11.26	12.31	11.85	4.54	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.09	0.09	4.08	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-13 Instrumnet Name : P8
Client Sample ID : EB01-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:27:23 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.10	0.08	0.09	0.09	6.71	ppb
Lead	208-1	0.09	0.09	0.09	0.09	0.45	ppb
Lithium	6-1				115		%
Magnesium	24-2	3.54	3.63	3.50	3.56	1.78	ppb
Manganese	55-2	1.47	1.46	1.54	1.49	2.92	ppb
Molybdenum	94-1	0.01	0.01	0.01	0.01	24.05	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	122.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.44	-0.45	-0.44	-0.44		ppb
Phosphorus	31-2	-9.90	-9.72	-7.64	-9.09		ppb
Potassium	39-2	32.62	31.92	36.32	33.62	7.03	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				116		%
Selenium	82-1	0.18	0.15	0.02	0.11	75.24	ppb
Selenium	77-2	-0.27	-0.49	-0.49	-0.42		ppb
Selenium	78-2	0.58	-0.22	0.60	0.32	145.50	ppb
Silicon	28-1	1.69	1.78	1.81	1.76	3.44	ppb
Silver	107-1	0.00	0.00	0.00	0.00	22.93	ppb
Silver	109-1	0.00	0.00	0.00	0.00	10.62	ppb
Sodium	23-2	99.57	101.34	105.14	102.01	2.79	ppb
Strontium	86-1	0.04	0.05	0.05	0.05	11.14	ppb
Strontium	88-1	0.05	0.05	0.04	0.05	2.18	ppb
Sulfur	34-1	-975.62	-917.63	-907.39	-933.55		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	13.30	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	7.24	ppb
Tin	118-1	0.27	0.27	0.26	0.27	1.82	ppb
Titanium	47-1	0.06	0.07	0.05	0.06	17.56	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-13 Instrumnet Name : P8
Client Sample ID : EB01-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:27:23 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	-1.03	-1.05	-1.18	-1.09		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	18.93	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	32.90	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:30:44 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1547.76	1508.99	1510.02	1522.26	1.45	ppb
Antimony	121-1	1.72	1.76	1.76	1.75	1.06	ppb
Arsenic	75-2	0.93	0.97	0.91	0.93	3.34	ppb
Barium	135-1	116.84	119.85	119.96	118.88	1.49	ppb
Barium	137-1	124.07	125.11	124.30	124.49	0.44	ppb
Beryllium	9-1	-10.05	-10.16	-10.03	-10.08		ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.57	0.62	0.56	0.58	4.76	ppb
Cadmium	106-1	-0.71	-0.61	-0.72	-0.68		ppb
Cadmium	111-1	-0.03	-0.03	-0.03	-0.03		ppb
Calcium	43-1	95352.24	94931.57	93262.99	94515.60	1.17	ppb
Calcium	44-1	93501.19	95223.89	91379.55	93368.21	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-1.36	-1.36	-1.38	-1.37		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	13.76	ppb
Copper	63-2	0.11	0.12	0.11	0.11	5.73	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				99		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	36.97	36.09	35.82	36.30	1.66	ppb
Iron	56-2	37.50	36.26	36.46	36.74	1.82	ppb
Iron	57-2	41.87	39.82	39.10	40.26	3.57	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.12	0.12	2.95	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:30:44 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.13	0.11	0.12	0.12	5.21	ppb
Lead	208-1	0.12	0.11	0.12	0.12	4.05	ppb
Lithium	6-1				114		%
Magnesium	24-2	405.01	400.24	391.52	398.92	1.71	ppb
Manganese	55-2	9.61	9.32	9.35	9.43	1.72	ppb
Molybdenum	94-1	54.46	53.74	55.29	54.50	1.43	ppb
Molybdenum	95-1	69.14	69.30	71.26	69.90	1.69	ppb
Molybdenum	96-1	68.87	67.04	69.39	68.43	1.81	ppb
Molybdenum	97-1	66.93	66.73	67.22	66.96	0.37	ppb
Molybdenum	98-1	70.71	68.52	71.40	70.21	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.13	5.98	5.98	6.03	1.41	ppb
Phosphorus	31-2	-5.59	-6.89	-1.76	-4.75		ppb
Potassium	39-2	25344.22	25096.21	24712.98	25051.14	1.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				116		%
Selenium	82-1	0.88	0.79	0.89	0.85	6.77	ppb
Selenium	77-2	0.62	-0.05	-0.05	0.17	220.72	ppb
Selenium	78-2	0.58	0.78	1.69	1.02	57.85	ppb
Silicon	28-1	596.56	602.11	594.05	597.57	0.69	ppb
Silver	107-1	0.00	0.00	0.00	0.00	6.15	ppb
Silver	109-1	0.00	0.00	0.00	0.00	30.83	ppb
Sodium	23-2	22564.34	21951.03	21625.71	22047.03	2.16	ppb
Strontium	86-1	534.64	536.81	551.50	540.98	1.70	ppb
Strontium	88-1	548.59	537.70	551.65	545.98	1.34	ppb
Sulfur	34-1	5365.02	5408.50	5357.15	5376.89	0.51	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.04	0.03	2.12	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	0.89	ppb
Tin	118-1	0.34	0.36	0.36	0.35	3.04	ppb
Titanium	47-1	0.35	0.35	0.33	0.35	3.43	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	12.81	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:30:44 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	3.88	3.80	3.83	3.83	1.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				111		%
Zinc	66-2	-0.14	-0.25	-0.24	-0.21		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	6.87	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	18.23	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14DUP Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225DUP Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:33:59 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1522.43	1520.10	1509.79	1517.44	0.44	ppb
Antimony	121-1	1.77	1.76	1.77	1.77	0.35	ppb
Arsenic	75-2	0.78	0.99	0.88	0.88	11.82	ppb
Barium	135-1	121.11	118.44	119.33	119.63	1.13	ppb
Barium	137-1	132.09	128.97	127.81	129.63	1.71	ppb
Beryllium	9-1	-10.06	-9.74	-10.01	-9.94		ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.60	0.53	0.60	0.58	7.49	ppb
Cadmium	106-1	-0.54	-0.63	-0.44	-0.53		ppb
Cadmium	111-1	-0.02	-0.02	-0.02	-0.02		ppb
Calcium	43-1	93338.40	92583.87	91892.33	92604.87	0.78	ppb
Calcium	44-1	93574.49	92552.29	90361.27	92162.68	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-1.37	-1.37	-1.36	-1.37		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	0.23	ppb
Copper	63-2	0.14	0.14	0.12	0.13	5.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	54-2	37.50	36.55	37.09	37.05	1.29	ppb
Iron	56-2	37.49	37.79	36.96	37.41	1.13	ppb
Iron	57-2	40.64	40.14	41.37	40.72	1.52	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.17	0.17	0.42	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14DUP Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225DUP Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:33:59 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.16	0.17	0.16	0.16	3.52	ppb
Lead	208-1	0.16	0.16	0.16	0.16	1.74	ppb
Lithium	6-1				116		%
Magnesium	24-2	402.84	395.01	398.84	398.90	0.98	ppb
Manganese	55-2	6.69	6.78	6.94	6.80	1.85	ppb
Molybdenum	94-1	54.06	53.51	54.71	54.09	1.10	ppb
Molybdenum	95-1	68.65	67.43	68.70	68.26	1.05	ppb
Molybdenum	96-1	66.99	66.90	70.60	68.17	3.10	ppb
Molybdenum	97-1	65.48	66.35	66.96	66.26	1.13	ppb
Molybdenum	98-1	67.75	69.72	69.15	68.88	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.06	5.94	6.11	6.03	1.46	ppb
Phosphorus	31-2	-4.13	-7.20	-1.43	-4.26		ppb
Potassium	39-2	24758.61	24741.69	24732.27	24744.19	0.05	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				117		%
Selenium	82-1	0.85	0.85	0.79	0.83	4.31	ppb
Selenium	77-2	-0.28	0.82	-0.49	0.02	3761.72	ppb
Selenium	78-2	0.42	0.43	0.38	0.41	6.27	ppb
Silicon	28-1	591.58	591.26	577.60	586.81	1.36	ppb
Silver	107-1	0.00	0.00	0.00	0.00	51.53	ppb
Silver	109-1	0.00	0.00	0.00	0.00	10.00	ppb
Sodium	23-2	22141.11	22002.24	22040.90	22061.42	0.32	ppb
Strontium	86-1	536.85	543.36	540.71	540.31	0.61	ppb
Strontium	88-1	539.03	537.44	545.21	540.56	0.76	ppb
Sulfur	34-1	5167.74	5227.10	4927.26	5107.37	3.11	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.03	0.03	5.83	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	6.52	ppb
Tin	118-1	0.36	0.36	0.37	0.36	2.42	ppb
Titanium	47-1	0.32	0.34	0.34	0.33	3.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	38.73	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14DUP Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225DUP Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:33:59 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	3.79	3.91	3.81	3.84	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				112		%
Zinc	66-2	-0.63	-0.70	-0.74	-0.69		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	2.56	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	30.79	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14LX5 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225L Dilution Factor : 5
Date & Time Acquired : 2025-04-07 13:37:11 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	310.44	311.95	311.21	311.20	0.24	ppb
Antimony	121-1	0.36	0.35	0.35	0.35	1.96	ppb
Arsenic	75-2	0.20	0.23	0.18	0.20	11.90	ppb
Barium	135-1	23.75	24.28	23.69	23.91	1.36	ppb
Barium	137-1	23.84	24.61	24.38	24.27	1.63	ppb
Beryllium	9-1	-2.07	-2.00	-2.04	-2.03		ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.11	0.17	0.08	0.12	34.44	ppb
Cadmium	106-1	-0.92	-0.55	-0.92	-0.80		ppb
Cadmium	111-1	-0.07	-0.04	-0.07	-0.06		ppb
Calcium	43-1	18987.81	19485.52	19411.16	19294.83	1.39	ppb
Calcium	44-1	18838.89	18950.84	19117.38	18969.04	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-1.29	-1.29	-1.29	-1.29		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.07	0.07	0.06	10.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	2.07	2.23	1.95	2.08	6.65	ppb
Iron	56-2	2.72	2.89	2.90	2.84	3.60	ppb
Iron	57-2	4.45	4.20	4.20	4.28	3.47	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.04	0.04	11.35	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14LX5 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225L Dilution Factor : 5
Date & Time Acquired : 2025-04-07 13:37:11 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.05	0.04	0.04	7.78	ppb
Lead	208-1	0.04	0.05	0.04	0.04	8.61	ppb
Lithium	6-1				113		%
Magnesium	24-2	80.76	82.04	81.73	81.51	0.82	ppb
Manganese	55-2	2.41	2.41	2.47	2.43	1.51	ppb
Molybdenum	94-1	11.07	11.23	11.00	11.10	1.06	ppb
Molybdenum	95-1	13.14	13.65	13.10	13.30	2.28	ppb
Molybdenum	96-1	12.91	13.06	12.98	12.98	0.58	ppb
Molybdenum	97-1	13.33	13.68	13.43	13.48	1.33	ppb
Molybdenum	98-1	13.10	13.43	13.33	13.29	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.78	0.70	0.72	7.44	ppb
Phosphorus	31-2	-21.05	-19.72	-11.24	-17.33		ppb
Potassium	39-2	5167.36	5166.68	5158.03	5164.02	0.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				113		%
Selenium	82-1	0.11	0.06	0.12	0.10	33.16	ppb
Selenium	77-2	-0.04	-0.49	-0.49	-0.34		ppb
Selenium	78-2	-0.01	0.29	0.46	0.25	94.78	ppb
Silicon	28-1	119.08	118.62	119.73	119.14	0.47	ppb
Silver	107-1	0.00	0.00	0.00	0.00	7.91	ppb
Silver	109-1	0.00	0.00	0.00	0.00	66.01	ppb
Sodium	23-2	4542.69	4530.73	4439.49	4504.30	1.25	ppb
Strontium	86-1	110.82	110.25	112.82	111.30	1.21	ppb
Strontium	88-1	111.51	111.61	110.36	111.16	0.62	ppb
Sulfur	34-1	1316.81	1407.85	1399.96	1374.87	3.67	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	7.21	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	7.90	ppb
Tin	118-1	0.07	0.08	0.07	0.07	7.05	ppb
Titanium	47-1	0.09	0.08	0.08	0.08	6.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14LX5 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225L Dilution Factor : 5
Date & Time Acquired : 2025-04-07 13:37:11 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.81	0.76	0.78	0.78	3.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	-1.22	-1.28	-1.23	-1.24		ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	7.78	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	9.53	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-15 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225MS Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:40:28 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10662.85	10704.37	10818.75	10728.66	0.75	ppb
Antimony	121-1	508.30	514.20	518.80	513.77	1.02	ppb
Arsenic	75-2	0.96	1.05	0.95	0.98	5.59	ppb
Barium	135-1	2353.95	2342.09	2386.75	2360.93	0.98	ppb
Barium	137-1	2355.51	2363.32	2404.28	2374.37	1.10	ppb
Beryllium	9-1	470.18	464.89	470.91	468.66	0.70	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	473.16	466.27	475.99	471.81	1.06	ppb
Cadmium	106-1	487.74	491.67	495.53	491.65	0.79	ppb
Cadmium	111-1	507.24	500.63	511.83	506.57	1.11	ppb
Calcium	43-1	133980.03	138694.14	138660.50	137111.56	1.98	ppb
Calcium	44-1	133982.68	135523.11	137244.44	135583.41	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	469.06	468.13	472.38	469.86	0.48	ppb
Cobalt	59-2	473.64	464.79	467.39	468.61	0.97	ppb
Copper	63-2	4242.39	4170.82	4228.49	4213.90	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	22649.56	22138.16	22735.56	22507.76	1.43	ppb
Iron	56-2	21761.09	21597.31	21711.77	21690.06	0.39	ppb
Iron	57-2	21506.32	21464.86	21792.46	21587.88	0.83	ppb
Krypton	83-1						cps
Lead	206-1	2345.06	2401.31	2415.69	2387.35	1.56	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-15 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225MS Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:40:28 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2392.38	2426.93	2436.80	2418.70	0.96	ppb
Lead	208-1	2374.28	2415.47	2416.11	2401.96	1.00	ppb
Lithium	6-1				116		%
Magnesium	24-2	52704.41	51737.80	52923.09	52455.10	1.20	ppb
Manganese	55-2	4397.67	4305.59	4382.06	4361.77	1.13	ppb
Molybdenum	94-1	2307.63	2319.94	2285.93	2304.50	0.75	ppb
Molybdenum	95-1	1776.63	1763.03	1751.10	1763.58	0.72	ppb
Molybdenum	96-1	1839.52	1823.96	1819.30	1827.59	0.58	ppb
Molybdenum	97-1	1781.21	1767.87	1776.74	1775.27	0.38	ppb
Molybdenum	98-1	1770.89	1778.48	1776.19	1775.19	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.20	470.68	471.91	470.27	0.40	ppb
Phosphorus	31-2	-9.58	-1.52	1.08	-3.34		ppb
Potassium	39-2	45755.77	45114.51	44821.45	45230.58	1.06	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				121		%
Selenium	82-1	480.23	477.04	480.96	479.41	0.43	ppb
Selenium	77-2	494.59	497.58	485.17	492.45	1.32	ppb
Selenium	78-2	491.35	487.65	499.64	492.88	1.25	ppb
Silicon	28-1	533.02	551.66	555.65	546.78	2.21	ppb
Silver	107-1	80.02	80.00	80.70	80.24	0.49	ppb
Silver	109-1	80.75	78.64	80.65	80.01	1.49	ppb
Sodium	23-2	71808.14	69995.42	72668.53	71490.70	1.91	ppb
Strontium	86-1	1078.57	1090.76	1085.44	1084.92	0.56	ppb
Strontium	88-1	1084.15	1077.57	1082.17	1081.30	0.31	ppb
Sulfur	34-1	4388.30	4588.09	4586.29	4520.90	2.54	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	449.41	463.75	468.01	460.39	2.12	ppb
Thallium	205-1	445.65	460.11	466.03	457.27	2.29	ppb
Tin	118-1	453.99	457.15	468.79	459.97	1.69	ppb
Titanium	47-1	1.89	1.94	1.97	1.93	2.07	ppb
Uranium	238-1	471.82	477.48	477.52	475.61	0.69	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-15 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225MS Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:40:28 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	500.36	503.53	504.65	502.85	0.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				111		%
Zinc	66-2	4229.78	4206.04	4272.19	4236.00	0.79	ppb
Zirconium	90-1	470.26	469.70	472.46	470.81	0.31	ppb
Zirconium	91-1	462.22	459.49	464.77	462.16	0.57	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-16 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225MSD Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:43:14 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10487.31	10751.03	10722.89	10653.75	1.36	ppb
Antimony	121-1	503.46	525.65	505.14	511.42	2.42	ppb
Arsenic	75-2	0.96	0.98	0.91	0.95	4.10	ppb
Barium	135-1	2343.99	2415.31	2337.42	2365.57	1.83	ppb
Barium	137-1	2361.52	2361.51	2299.02	2340.68	1.54	ppb
Beryllium	9-1	470.52	488.67	476.06	478.42	1.94	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	474.83	478.02	462.49	471.78	1.74	ppb
Cadmium	106-1	494.46	495.07	488.33	492.62	0.76	ppb
Cadmium	111-1	502.58	507.58	494.75	501.64	1.29	ppb
Calcium	43-1	134895.45	134245.74	136330.52	135157.24	0.79	ppb
Calcium	44-1	132073.57	132894.78	136608.49	133858.94	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	473.92	476.24	471.40	473.85	0.51	ppb
Cobalt	59-2	468.51	467.39	462.86	466.26	0.64	ppb
Copper	63-2	4261.72	4160.40	4196.38	4206.17	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	22803.05	22606.17	22261.32	22556.85	1.22	ppb
Iron	56-2	21566.95	22004.01	21730.60	21767.19	1.01	ppb
Iron	57-2	21571.77	22141.21	21874.16	21862.38	1.30	ppb
Krypton	83-1						cps
Lead	206-1	2397.11	2454.40	2431.51	2427.67	1.19	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-16 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225MSD Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:43:14 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2434.35	2502.91	2436.80	2458.02	1.58	ppb
Lead	208-1	2409.88	2470.97	2437.96	2439.60	1.25	ppb
Lithium	6-1				116		%
Magnesium	24-2	52515.38	52739.14	53351.16	52868.56	0.82	ppb
Manganese	55-2	4407.43	4390.03	4351.94	4383.13	0.65	ppb
Molybdenum	94-1	2287.14	2368.47	2337.88	2331.16	1.76	ppb
Molybdenum	95-1	1765.54	1815.33	1809.47	1796.78	1.51	ppb
Molybdenum	96-1	1825.66	1887.19	1878.20	1863.68	1.78	ppb
Molybdenum	97-1	1783.83	1823.65	1825.81	1811.10	1.31	ppb
Molybdenum	98-1	1761.55	1788.54	1829.19	1793.09	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.58	480.81	471.23	473.87	1.28	ppb
Phosphorus	31-2	-6.13	-1.05	-3.31	-3.49		ppb
Potassium	39-2	45900.61	45541.03	45330.39	45590.68	0.63	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				115		%
Scandium	45-2				121		%
Selenium	82-1	484.13	491.53	484.73	486.80	0.84	ppb
Selenium	77-2	506.79	498.93	504.16	503.29	0.79	ppb
Selenium	78-2	501.90	503.73	488.05	497.89	1.72	ppb
Silicon	28-1	548.46	544.39	548.19	547.01	0.42	ppb
Silver	107-1	78.31	80.93	78.20	79.15	1.95	ppb
Silver	109-1	79.91	80.90	77.95	79.59	1.89	ppb
Sodium	23-2	72072.60	74210.05	72534.21	72938.95	1.54	ppb
Strontium	86-1	1078.19	1094.96	1094.03	1089.06	0.87	ppb
Strontium	88-1	1084.97	1107.69	1093.62	1095.43	1.05	ppb
Sulfur	34-1	4126.88	4041.67	4276.79	4148.45	2.87	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	465.44	479.14	480.50	475.03	1.75	ppb
Thallium	205-1	457.73	472.34	478.08	469.39	2.24	ppb
Tin	118-1	460.46	478.24	452.69	463.80	2.82	ppb
Titanium	47-1	1.97	2.07	1.99	2.01	2.68	ppb
Uranium	238-1	477.92	482.07	478.49	479.49	0.47	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-16 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225MSD Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:43:14 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	499.11	504.57	501.37	501.68	0.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				110		%
Zinc	66-2	4181.48	4235.12	4241.34	4219.31	0.78	ppb
Zirconium	90-1	465.78	482.65	479.82	476.08	1.90	ppb
Zirconium	91-1	460.78	478.07	470.97	469.94	1.85	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:58:04 DataFile Name : 036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53314.82	53516.74	49742.30	52191.29	4.07	ppb
Antimony	121-1	522.22	503.01	507.13	510.79	1.98	ppb
Arsenic	75-2	492.44	485.71	458.87	479.00	3.71	ppb
Barium	135-1	2583.13	2476.67	2543.70	2534.50	2.12	ppb
Barium	137-1	2562.85	2465.02	2558.33	2528.73	2.18	ppb
Beryllium	9-1	519.03	502.61	516.28	512.64	1.72	ppb
Bismuth	209-1				80		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Cadmium	108-1	501.60	491.40	493.35	495.45	1.09	ppb
Cadmium	106-1	502.59	487.59	492.81	494.33	1.54	ppb
Cadmium	111-1	510.07	483.42	505.34	499.61	2.85	ppb
Calcium	43-1	264490.75	257744.38	257120.74	259785.29	1.57	ppb
Calcium	44-1	264401.41	261838.40	258506.59	261582.13	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.39	499.61	471.04	492.34	3.81	ppb
Cobalt	59-2	468.23	462.23	443.39	457.95	2.83	ppb
Copper	63-2	4933.09	4768.19	4601.01	4767.43	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				94		%
Indium	115-1				84		%
Indium	115-2				89		%
Iron	54-2	124422.59	123280.75	116690.42	121464.59	3.44	ppb
Iron	56-2	122271.04	121958.46	118003.54	120744.35	1.97	ppb
Iron	57-2	120733.74	119941.32	116085.06	118920.04	2.09	ppb
Krypton	83-1						cps
Lead	206-1	2497.31	2477.81	2471.07	2482.06	0.55	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:58:04 DataFile Name : 036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2461.12	2477.20	2462.79	2467.04	0.36	ppb
Lead	208-1	2488.49	2462.15	2484.71	2478.45	0.57	ppb
Lithium	6-1				99		%
Magnesium	24-2	265361.55	262663.53	250552.42	259525.83	3.04	ppb
Manganese	55-2	4956.06	4935.93	4711.44	4867.81	2.79	ppb
Molybdenum	94-1	4952.60	4834.06	4957.89	4914.85	1.42	ppb
Molybdenum	95-1	4897.27	4826.26	4982.81	4902.11	1.60	ppb
Molybdenum	96-1	4907.81	4945.03	4971.65	4941.50	0.65	ppb
Molybdenum	97-1	4972.14	4975.61	4971.04	4972.93	0.05	ppb
Molybdenum	98-1	4881.47	4832.18	4965.05	4892.90	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.20	455.56	454.06	459.27	1.69	ppb
Phosphorus	31-2	10872.01	10778.14	10176.29	10608.81	3.56	ppb
Potassium	39-2	132179.19	129763.85	123187.29	128376.78	3.63	ppb
Rhodium	103-1				82		%
Rhodium	103-2				87		%
Scandium	45-1				99		%
Scandium	45-2				112		%
Selenium	82-1	471.29	467.80	475.22	471.44	0.79	ppb
Selenium	77-2	491.80	494.55	464.20	483.52	3.47	ppb
Selenium	78-2	501.91	495.54	458.72	485.39	4.80	ppb
Silicon	28-1	563.10	554.68	544.07	553.95	1.72	ppb
Silver	107-1	498.58	481.98	494.94	491.83	1.77	ppb
Silver	109-1	505.86	491.02	496.74	497.87	1.50	ppb
Sodium	23-2	276907.57	270674.66	260636.75	269406.33	3.05	ppb
Strontium	86-1	498.58	502.59	507.15	502.78	0.85	ppb
Strontium	88-1	502.50	506.24	511.28	506.68	0.87	ppb
Sulfur	34-1	11499.39	11182.02	10913.40	11198.27	2.62	ppb
Terbium	159-1				89		%
Terbium	159-2				93		%
Thallium	203-1	498.78	504.76	490.00	497.85	1.49	ppb
Thallium	205-1	501.59	503.97	498.72	501.43	0.52	ppb
Tin	118-1	519.68	505.42	502.07	509.06	1.84	ppb
Titanium	47-1	5028.39	5010.81	4941.05	4993.42	0.93	ppb
Uranium	238-1	506.50	505.59	506.41	506.17	0.10	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:58:04 DataFile Name : 036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	516.84	511.52	480.43	502.93	3.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				104		%
Zinc	66-2	4892.56	4696.31	4630.74	4739.87	2.87	ppb
Zirconium	90-1	499.46	489.40	498.41	495.76	1.12	ppb
Zirconium	91-1	499.72	486.13	505.98	497.28	2.04	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:05:27 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	0.59	0.60	0.43	66.62	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	13.14	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	86.25	ppb
Barium	135-1	0.03	0.04	0.02	0.03	28.45	ppb
Barium	137-1	0.02	0.02	0.02	0.02	7.74	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	8.78	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.02	0.01	0.01	39.82	ppb
Cadmium	106-1	-0.80	-0.84	-0.88	-0.84		ppb
Cadmium	111-1	-0.05	-0.06	-0.06	-0.06		ppb
Calcium	43-1	-9.56	-6.70	-7.52	-7.93		ppb
Calcium	44-1	-2.99	-2.44	-3.55	-3.00		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.31	-0.33	-0.23	-0.29		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.06	0.06	0.06	0.06	7.40	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				97		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	-1.10	-0.89	-0.82	-0.93		ppb
Iron	56-2	-0.67	-0.81	-0.90	-0.80		ppb
Iron	57-2	-1.32	0.11	-0.91	-0.71		ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.09	0.09	3.35	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:05:27 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.09	0.09	0.09	2.51	ppb
Lead	208-1	0.09	0.09	0.09	0.09	3.40	ppb
Lithium	6-1				110		%
Magnesium	24-2	1.76	1.84	2.14	1.91	10.56	ppb
Manganese	55-2	-0.02	0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.08	0.07	0.08	0.08	4.85	ppb
Molybdenum	95-1	0.06	0.05	0.06	0.06	7.21	ppb
Molybdenum	96-1	0.07	0.05	0.06	0.06	12.93	ppb
Molybdenum	97-1	0.06	0.05	0.05	0.05	12.21	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	5.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.20	-0.24	-0.23		ppb
Phosphorus	31-2	-22.46	-20.60	-17.42	-20.16		ppb
Potassium	39-2	29.37	30.77	30.56	30.23	2.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	0.14	0.01	-0.04	0.04	261.73	ppb
Selenium	77-2	-0.26	-0.49	-0.49	-0.41		ppb
Selenium	78-2	0.69	0.84	0.22	0.58	55.04	ppb
Silicon	28-1	0.08	0.15	0.04	0.09	63.34	ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.50	ppb
Sodium	23-2	38.94	37.45	38.71	38.37	2.10	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	106.37	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	14.46	ppb
Sulfur	34-1	-372.21	-245.55	-272.59	-296.78		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.03	0.03	0.03	7.00	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	6.12	ppb
Tin	118-1	-0.04	-0.05	-0.05	-0.05		ppb
Titanium	47-1	0.53	0.06	0.07	0.22	122.33	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	10.07	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:05:27 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.00	0.00	87.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	-0.95	-0.96	-0.99	-0.97		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	3.70	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	31.42	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14A Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225A Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:08:49 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10801.09	10781.05	10610.71	10730.95	0.97	ppb
Antimony	121-1	506.27	510.97	509.96	509.07	0.49	ppb
Arsenic	75-2	0.96	1.10	0.97	1.01	7.41	ppb
Barium	135-1	2297.08	2344.88	2358.61	2333.53	1.38	ppb
Barium	137-1	2339.33	2307.13	2337.86	2328.11	0.78	ppb
Beryllium	9-1	467.95	475.42	481.27	474.88	1.41	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	459.89	456.99	458.87	458.58	0.32	ppb
Cadmium	106-1	483.25	484.54	493.54	487.11	1.15	ppb
Cadmium	111-1	491.82	498.94	491.06	493.94	0.88	ppb
Calcium	43-1	132186.85	133839.22	136212.82	134079.63	1.51	ppb
Calcium	44-1	131071.79	131616.33	135774.56	132820.89	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478.09	472.85	476.04	475.66	0.56	ppb
Cobalt	59-2	467.97	467.09	466.04	467.03	0.21	ppb
Copper	63-2	4233.57	4148.25	4218.26	4200.03	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	54-2	22520.07	22149.81	22547.77	22405.88	0.99	ppb
Iron	56-2	21880.17	21788.23	21808.98	21825.79	0.22	ppb
Iron	57-2	21965.58	21441.82	21429.27	21612.22	1.42	ppb
Krypton	83-1						cps
Lead	206-1	2362.34	2343.42	2365.22	2356.99	0.50	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14A Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225A Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:08:49 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2388.92	2379.24	2400.96	2389.70	0.46	ppb
Lead	208-1	2370.85	2371.09	2391.73	2377.89	0.50	ppb
Lithium	6-1				110		%
Magnesium	24-2	51882.53	51927.08	52254.77	52021.46	0.39	ppb
Manganese	55-2	4406.34	4358.39	4371.22	4378.65	0.57	ppb
Molybdenum	94-1	2292.22	2258.77	2288.16	2279.72	0.80	ppb
Molybdenum	95-1	1750.09	1726.56	1767.59	1748.08	1.18	ppb
Molybdenum	96-1	1792.78	1796.99	1814.04	1801.27	0.62	ppb
Molybdenum	97-1	1747.42	1750.93	1780.62	1759.66	1.04	ppb
Molybdenum	98-1	1730.00	1741.64	1776.66	1749.43	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.08	472.47	471.62	474.72	0.98	ppb
Phosphorus	31-2	-6.56	-8.41	-2.42	-5.80		ppb
Potassium	39-2	45522.68	45164.05	46346.72	45677.82	1.33	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				110		%
Scandium	45-2				117		%
Selenium	82-1	473.01	473.22	478.05	474.76	0.60	ppb
Selenium	77-2	494.62	502.51	501.94	499.69	0.88	ppb
Selenium	78-2	501.92	505.38	503.75	503.68	0.34	ppb
Silicon	28-1	538.89	561.01	558.29	552.73	2.18	ppb
Silver	107-1	77.71	79.30	81.16	79.39	2.18	ppb
Silver	109-1	78.11	79.69	78.24	78.68	1.11	ppb
Sodium	23-2	71994.72	72132.98	71763.50	71963.73	0.26	ppb
Strontium	86-1	1061.94	1076.07	1080.76	1072.93	0.91	ppb
Strontium	88-1	1074.15	1087.79	1092.69	1084.88	0.89	ppb
Sulfur	34-1	4217.17	4229.52	4331.38	4259.35	1.47	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	450.29	456.11	458.93	455.11	0.97	ppb
Thallium	205-1	443.10	454.76	459.07	452.31	1.83	ppb
Tin	118-1	452.26	458.49	454.12	454.96	0.70	ppb
Titanium	47-1	1.86	1.97	1.99	1.94	3.46	ppb
Uranium	238-1	461.82	465.59	478.82	468.74	1.91	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14A Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225A Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:08:49 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	503.12	500.11	511.74	504.99	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	4219.90	4231.39	4259.94	4237.08	0.49	ppb
Zirconium	90-1	466.46	465.41	475.12	469.00	1.14	ppb
Zirconium	91-1	465.82	461.58	461.97	463.12	0.51	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1731-05 Instrumnet Name : P8
Client Sample ID : EB01-040325 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:11:39 DataFile Name : 039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.07	2.51	3.00	2.86	10.69	ppb
Antimony	121-1	0.03	0.02	0.02	0.03	11.36	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	0.13	0.11	0.10	0.11	14.08	ppb
Barium	137-1	0.11	0.10	0.10	0.11	5.01	ppb
Beryllium	9-1	0.05	0.04	0.04	0.05	5.60	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.03	0.03	0.03	16.31	ppb
Cadmium	106-1	-0.69	-0.84	-0.92	-0.82		ppb
Cadmium	111-1	-0.03	-0.05	-0.06	-0.04		ppb
Calcium	43-1	-6.32	-6.85	-7.41	-6.86		ppb
Calcium	44-1	-1.43	-1.44	-1.25	-1.37		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-1.36	-1.37	-1.36	-1.36		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.12	0.09	0.12	0.11	12.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	-4.30	-4.66	-3.96	-4.31		ppb
Iron	56-2	-3.53	-3.47	-3.43	-3.47		ppb
Iron	57-2	-3.00	-3.31	-3.26	-3.19		ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.23	0.21	0.23	11.70	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1731-05 Instrumnet Name : P8
Client Sample ID : EB01-040325 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:11:39 DataFile Name : 039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.26	0.23	0.21	0.23	11.13	ppb
Lead	208-1	0.26	0.22	0.21	0.23	12.37	ppb
Lithium	6-1				113		%
Magnesium	24-2	2.98	2.77	2.44	2.73	9.83	ppb
Manganese	55-2	0.64	0.65	0.68	0.66	3.57	ppb
Molybdenum	94-1	0.16	0.15	0.13	0.14	11.12	ppb
Molybdenum	95-1	0.06	0.04	0.03	0.05	33.77	ppb
Molybdenum	96-1	0.08	0.06	0.05	0.06	24.38	ppb
Molybdenum	97-1	0.06	0.05	0.03	0.05	25.30	ppb
Molybdenum	98-1	0.06	0.05	0.04	0.05	27.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.61	-0.65	-0.63	-0.63		ppb
Phosphorus	31-2	-16.55	-6.35	-17.44	-13.44		ppb
Potassium	39-2	38.16	37.73	38.07	37.99	0.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	82-1	0.09	0.05	0.05	0.06	34.81	ppb
Selenium	77-2	-0.49	-0.26	-0.49	-0.41		ppb
Selenium	78-2	0.01	0.08	0.70	0.26	145.96	ppb
Silicon	28-1	1.59	1.74	1.73	1.69	5.01	ppb
Silver	107-1	0.02	0.02	0.02	0.02	18.24	ppb
Silver	109-1	0.02	0.02	0.01	0.02	22.79	ppb
Sodium	23-2	64.00	62.02	62.22	62.75	1.74	ppb
Strontium	86-1	0.08	0.06	0.05	0.06	26.72	ppb
Strontium	88-1	0.06	0.06	0.06	0.06	4.21	ppb
Sulfur	34-1	-343.28	-187.57	-169.61	-233.48		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.13	0.10	0.08	0.10	22.75	ppb
Thallium	205-1	0.12	0.09	0.08	0.10	20.83	ppb
Tin	118-1	0.20	0.20	0.22	0.21	5.46	ppb
Titanium	47-1	0.07	0.06	0.06	0.06	7.92	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	35.14	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1731-05 Instrumnet Name : P8
Client Sample ID : EB01-040325 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:11:39 DataFile Name : 039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.00	0.00	154.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	-1.26	-1.19	-1.33	-1.26		ppb
Zirconium	90-1	0.05	0.05	0.04	0.04	11.58	ppb
Zirconium	91-1	0.06	0.05	0.04	0.05	11.11	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1731-06 Instrumnet Name : P8
Client Sample ID : EB01-040325 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:14:59 DataFile Name : 040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.85	2.28	2.46	2.53	11.37	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	7.01	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	70.26	ppb
Barium	135-1	0.06	0.06	0.07	0.06	2.58	ppb
Barium	137-1	0.06	0.05	0.04	0.05	17.21	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	5.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.01	0.00	0.01	83.05	ppb
Cadmium	106-1	-0.89	-1.02	-0.66	-0.85		ppb
Cadmium	111-1	-0.06	-0.07	-0.04	-0.06		ppb
Calcium	43-1	-7.77	-6.70	-5.94	-6.80		ppb
Calcium	44-1	-0.44	4.07	1.09	1.57	145.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-1.42	-1.40	-1.41	-1.41		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.08	0.08	0.08	0.08	2.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	-6.41	-6.30	-5.86	-6.19		ppb
Iron	56-2	-4.97	-4.95	-5.04	-4.98		ppb
Iron	57-2	-4.68	-5.19	-4.69	-4.85		ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.10	0.10	4.53	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1731-06 Instrumnet Name : P8
Client Sample ID : EB01-040325 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:14:59 DataFile Name : 040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.11	0.10	0.11	0.10	5.49	ppb
Lead	208-1	0.10	0.10	0.10	0.10	1.72	ppb
Lithium	6-1				112		%
Magnesium	24-2	6.18	6.20	6.07	6.15	1.18	ppb
Manganese	55-2	2.93	3.03	2.85	2.94	3.01	ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	3.53	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.61	-0.60	-0.61	-0.61		ppb
Phosphorus	31-2	-13.89	-20.00	-12.61	-15.50		ppb
Potassium	39-2	35.61	34.73	33.55	34.63	2.98	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	0.26	-0.09	0.06	0.08	222.47	ppb
Selenium	77-2	-0.49	-0.49	-0.26	-0.41		ppb
Selenium	78-2	0.23	0.15	0.49	0.29	61.58	ppb
Silicon	28-1	1.38	1.50	1.68	1.52	9.77	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.69	ppb
Silver	109-1	0.01	0.00	0.01	0.01	11.28	ppb
Sodium	23-2	77.58	76.53	74.75	76.29	1.88	ppb
Strontium	86-1	0.07	0.05	0.06	0.06	9.60	ppb
Strontium	88-1	0.06	0.06	0.07	0.06	3.73	ppb
Sulfur	34-1	-292.48	-215.36	-79.98	-195.94		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.04	0.04	12.12	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	9.45	ppb
Tin	118-1	0.38	0.35	0.38	0.37	4.34	ppb
Titanium	47-1	0.05	0.07	0.06	0.06	14.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	104.33	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1731-06 Instrumnet Name : P8
Client Sample ID : EB01-040325 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:14:59 DataFile Name : 040AREF.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				102		%
Yttrium	89-2				106		%
Zinc	66-2	-1.15	-1.12	-1.08	-1.12		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	8.75	ppb
Zirconium	91-1	0.01	0.02	0.02	0.01	10.68	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DLX10 Instrumnet Name : P8
Client Sample ID : 32725DL Dilution Factor : 10
Date & Time Acquired : 2025-04-07 14:18:21 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.62	13.28	12.09	12.66	4.72	ppb
Antimony	121-1	0.18	0.18	0.19	0.19	1.49	ppb
Arsenic	75-2	41.13	42.51	43.09	42.25	2.39	ppb
Barium	135-1	1.11	1.13	1.15	1.13	1.55	ppb
Barium	137-1	1.12	1.14	1.13	1.13	0.98	ppb
Beryllium	9-1	-0.13	-0.14	-0.13	-0.13		ppb
Bismuth	209-1				117		%
Bismuth	209-2				118		%
Bromine	81-1						cps
Cadmium	108-1	0.83	0.45	0.25	0.51	57.95	ppb
Cadmium	106-1	1.37	0.53	0.21	0.70	85.00	ppb
Cadmium	111-1	0.08	0.03	0.02	0.04	71.39	ppb
Calcium	43-1	4138.85	4061.08	4087.28	4095.74	0.97	ppb
Calcium	44-1	4738.40	4724.05	4710.39	4724.28	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-1.01	-1.03	-1.03	-1.02		ppb
Cobalt	59-2	0.42	0.39	0.37	0.40	5.76	ppb
Copper	63-2	0.65	0.64	0.59	0.63	5.41	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				116		%
Holmium	165-2				119		%
Indium	115-1				121		%
Indium	115-2				122		%
Iron	54-2	20736.00	20450.34	19144.38	20110.24	4.22	ppb
Iron	56-2	20521.90	20337.07	19108.38	19989.12	3.84	ppb
Iron	57-2	20375.60	20260.59	19154.27	19930.15	3.38	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.22	0.22	0.22	3.50	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DLX10 Instrumnet Name : P8
Client Sample ID : 32725DL Dilution Factor : 10
Date & Time Acquired : 2025-04-07 14:18:21 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.22	0.22	0.22	0.22	0.65	ppb
Lead	208-1	0.21	0.22	0.21	0.21	0.37	ppb
Lithium	6-1				139		%
Magnesium	24-2	840.98	841.15	794.16	825.43	3.28	ppb
Manganese	55-2	671.43	672.15	638.89	660.82	2.87	ppb
Molybdenum	94-1	11.80	6.30	4.31	7.47	51.95	ppb
Molybdenum	95-1	0.24	0.22	0.23	0.23	3.55	ppb
Molybdenum	96-1	1.51	0.92	0.75	1.06	37.77	ppb
Molybdenum	97-1	0.22	0.22	0.21	0.22	2.27	ppb
Molybdenum	98-1	0.22	0.22	0.22	0.22	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.33	-0.32	-0.33	-0.33		ppb
Phosphorus	31-2	18.50	18.90	16.80	18.07	6.17	ppb
Potassium	39-2	4736.78	4714.24	4568.70	4673.24	1.95	ppb
Rhodium	103-1				122		%
Rhodium	103-2				126		%
Scandium	45-1				136		%
Scandium	45-2				136		%
Selenium	82-1	29.12	32.48	32.14	31.25	5.92	ppb
Selenium	77-2	31.21	30.30	28.96	30.16	3.75	ppb
Selenium	78-2	29.71	30.25	32.04	30.67	3.98	ppb
Silicon	28-1	180.91	181.14	184.18	182.07	1.00	ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.53	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.60	ppb
Sodium	23-2	7677.83	7669.54	7158.26	7501.87	3.97	ppb
Strontium	86-1	8.34	8.34	8.40	8.36	0.40	ppb
Strontium	88-1	8.21	8.40	8.34	8.32	1.18	ppb
Sulfur	34-1	462.65	194.68	177.53	278.28	57.46	ppb
Terbium	159-1				117		%
Terbium	159-2				117		%
Thallium	203-1	0.14	0.11	0.10	0.12	15.92	ppb
Thallium	205-1	0.13	0.12	0.10	0.12	14.35	ppb
Tin	118-1	0.10	0.12	0.13	0.12	10.76	ppb
Titanium	47-1	0.32	0.34	0.31	0.32	5.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	2.48	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DLX10 Instrumnet Name : P8
Client Sample ID : 32725DL Dilution Factor : 10
Date & Time Acquired : 2025-04-07 14:18:21 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.05	0.04	0.04	0.04	5.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				124		%
Yttrium	89-2				130		%
Zinc	66-2	16.13	15.67	15.06	15.62	3.42	ppb
Zirconium	90-1	6.42	3.29	2.26	3.99	54.35	ppb
Zirconium	91-1	6.30	3.24	2.23	3.92	53.91	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DLX10 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 10
Date & Time Acquired : 2025-04-07 14:21:35 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.03	49.20	49.48	49.24	0.46	ppb
Antimony	121-1	0.19	0.18	0.18	0.18	1.74	ppb
Arsenic	75-2	67.50	68.13	68.45	68.02	0.71	ppb
Barium	135-1	1.94	1.94	1.92	1.94	0.53	ppb
Barium	137-1	1.92	1.90	1.94	1.92	1.11	ppb
Beryllium	9-1	-0.09	-0.09	-0.08	-0.09		ppb
Bismuth	209-1				126		%
Bismuth	209-2				128		%
Bromine	81-1						cps
Cadmium	108-1	0.09	0.12	0.12	0.11	15.03	ppb
Cadmium	106-1	0.05	0.03	0.02	0.03	43.65	ppb
Cadmium	111-1	0.01	0.00	0.01	0.01	51.46	ppb
Calcium	43-1	2070.53	2112.18	2121.38	2101.36	1.29	ppb
Calcium	44-1	2940.34	2870.45	2886.47	2899.09	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.74	-0.75	-0.78	-0.76		ppb
Cobalt	59-2	0.09	0.09	0.08	0.09	7.35	ppb
Copper	63-2	0.84	0.85	0.83	0.84	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				128		%
Holmium	165-2				131		%
Indium	115-1				133		%
Indium	115-2				146		%
Iron	54-2	23184.13	22893.35	23192.73	23090.07	0.74	ppb
Iron	56-2	22939.05	22668.88	22712.97	22773.63	0.64	ppb
Iron	57-2	22825.45	22822.32	22643.48	22763.75	0.46	ppb
Krypton	83-1						cps
Lead	206-1	0.51	0.52	0.52	0.52	1.02	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DLX10 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 10
Date & Time Acquired : 2025-04-07 14:21:35 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.51	0.51	0.51	0.51	0.47	ppb
Lead	208-1	0.51	0.52	0.51	0.51	0.81	ppb
Lithium	6-1				151		%
Magnesium	24-2	687.71	680.46	690.02	686.07	0.73	ppb
Manganese	55-2	768.90	773.41	763.61	768.64	0.64	ppb
Molybdenum	94-1	1.65	1.39	1.31	1.45	12.07	ppb
Molybdenum	95-1	0.19	0.19	0.20	0.19	3.72	ppb
Molybdenum	96-1	0.44	0.41	0.41	0.42	3.48	ppb
Molybdenum	97-1	0.19	0.18	0.20	0.19	4.19	ppb
Molybdenum	98-1	0.19	0.19	0.20	0.19	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.42	-0.40	-0.44	-0.42		ppb
Phosphorus	31-2	13.44	8.76	10.97	11.06	21.14	ppb
Potassium	39-2	305.81	303.27	304.44	304.51	0.42	ppb
Rhodium	103-1				136		%
Rhodium	103-2				141		%
Scandium	45-1				152		%
Scandium	45-2				153		%
Selenium	82-1	31.02	32.07	33.19	32.10	3.38	ppb
Selenium	77-2	33.60	36.16	27.02	32.26	14.62	ppb
Selenium	78-2	30.77	29.66	29.51	29.98	2.30	ppb
Silicon	28-1	228.00	237.96	240.01	235.32	2.73	ppb
Silver	107-1	0.01	0.00	0.01	0.01	11.83	ppb
Silver	109-1	0.00	0.00	0.00	0.00	14.61	ppb
Sodium	23-2	4199.49	4146.87	4173.54	4173.30	0.63	ppb
Strontium	86-1	5.31	5.24	5.44	5.33	1.87	ppb
Strontium	88-1	5.38	5.29	5.40	5.36	1.11	ppb
Sulfur	34-1	-333.96	-309.59	-294.77	-312.78		ppb
Terbium	159-1				129		%
Terbium	159-2				129		%
Thallium	203-1	0.08	0.07	0.06	0.07	11.96	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	10.18	ppb
Tin	118-1	0.17	0.16	0.19	0.17	7.41	ppb
Titanium	47-1	1.29	0.90	0.85	1.01	23.82	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	8.85	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DLX10 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 10
Date & Time Acquired : 2025-04-07 14:21:35 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.09	0.08	0.08	0.08	5.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				138		%
Yttrium	89-2				145		%
Zinc	66-2	4.26	4.06	4.17	4.16	2.47	ppb
Zirconium	90-1	0.81	0.68	0.63	0.71	12.49	ppb
Zirconium	91-1	0.81	0.69	0.65	0.72	11.59	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DL2X25 Instrumnet Name : P8
Client Sample ID : 32725DL2 Dilution Factor : 25
Date & Time Acquired : 2025-04-07 14:33:21 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.34	3.59	3.44	3.79	12.75	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	1.86	ppb
Arsenic	75-2	5.33	5.43	5.79	5.52	4.36	ppb
Barium	135-1	0.34	0.34	0.33	0.34	1.58	ppb
Barium	137-1	0.35	0.33	0.36	0.35	3.40	ppb
Beryllium	9-1	-0.04	-0.04	-0.04	-0.04		ppb
Bismuth	209-1				109		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.02	0.08	0.05	53.56	ppb
Cadmium	106-1	-0.08	-0.43	-0.18	-0.23		ppb
Cadmium	111-1	-0.01	-0.03	-0.02	-0.02		ppb
Calcium	43-1	1276.16	1299.22	1316.04	1297.14	1.54	ppb
Calcium	44-1	1583.94	1606.47	1589.30	1593.24	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.20	-0.24	-0.23	-0.22		ppb
Cobalt	59-2	0.13	0.13	0.13	0.13	3.63	ppb
Copper	63-2	0.11	0.10	0.08	0.10	13.99	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				110		%
Holmium	165-2				113		%
Indium	115-1				113		%
Indium	115-2				116		%
Iron	54-2	7129.36	6976.40	6966.65	7024.13	1.30	ppb
Iron	56-2	6908.64	6861.17	6799.01	6856.28	0.80	ppb
Iron	57-2	7016.78	6897.71	6880.50	6931.66	1.07	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.05	0.05	8.07	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DL2X25 Instrumnet Name : P8
Client Sample ID : 32725DL2 Dilution Factor : 25
Date & Time Acquired : 2025-04-07 14:33:21 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.06	0.06	0.05	13.37	ppb
Lead	208-1	0.05	0.05	0.05	0.05	3.40	ppb
Lithium	6-1				130		%
Magnesium	24-2	298.12	292.68	290.26	293.69	1.37	ppb
Manganese	55-2	221.21	221.71	216.01	219.64	1.44	ppb
Molybdenum	94-1	0.73	0.63	0.58	0.65	11.61	ppb
Molybdenum	95-1	0.08	0.09	0.09	0.09	5.37	ppb
Molybdenum	96-1	0.18	0.17	0.16	0.17	3.47	ppb
Molybdenum	97-1	0.08	0.07	0.08	0.08	4.75	ppb
Molybdenum	98-1	0.09	0.07	0.09	0.08	8.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.18	-0.17	-0.17		ppb
Phosphorus	31-2	-6.28	-11.29	-11.13	-9.57		ppb
Potassium	39-2	1686.76	1674.73	1670.54	1677.34	0.50	ppb
Rhodium	103-1				115		%
Rhodium	103-2				121		%
Scandium	45-1				126		%
Scandium	45-2				131		%
Selenium	82-1	5.36	6.20	6.71	6.09	11.17	ppb
Selenium	77-2	6.88	7.43	4.41	6.24	25.76	ppb
Selenium	78-2	7.57	7.24	7.51	7.44	2.40	ppb
Silicon	28-1	71.28	73.35	76.06	73.57	3.26	ppb
Silver	107-1	0.00	0.00	0.00	0.00	23.42	ppb
Silver	109-1	0.00	0.00	0.00	0.00	9.03	ppb
Sodium	23-2	2809.79	2816.84	2761.03	2795.88	1.09	ppb
Strontium	86-1	2.80	2.78	2.80	2.79	0.55	ppb
Strontium	88-1	2.82	2.77	2.83	2.80	1.21	ppb
Sulfur	34-1	276.76	292.82	362.80	310.79	14.72	ppb
Terbium	159-1				110		%
Terbium	159-2				112		%
Thallium	203-1	0.02	0.02	0.02	0.02	6.84	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	10.74	ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.10	0.10	0.10	0.10	2.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DL2X25 Instrumnet Name : P8
Client Sample ID : 32725DL2 Dilution Factor : 25
Date & Time Acquired : 2025-04-07 14:33:21 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.02	0.01	0.02	8.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				124		%
Zinc	66-2	3.92	3.84	3.73	3.83	2.52	ppb
Zirconium	90-1	0.37	0.31	0.28	0.32	14.09	ppb
Zirconium	91-1	0.35	0.31	0.30	0.32	8.30	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL2X25 Instrumnet Name : P8
Client Sample ID : 32525DL2 Dilution Factor : 25
Date & Time Acquired : 2025-04-07 14:36:37 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.24	18.64	17.56	18.15	3.03	ppb
Antimony	121-1	0.06	0.07	0.07	0.06	5.16	ppb
Arsenic	75-2	8.97	9.34	9.41	9.24	2.58	ppb
Barium	135-1	0.65	0.67	0.65	0.66	2.25	ppb
Barium	137-1	0.67	0.68	0.68	0.67	1.35	ppb
Beryllium	9-1	-0.03	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				114		%
Bismuth	209-2				117		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.04	0.03	0.05	32.07	ppb
Cadmium	106-1	-0.30	0.06	-0.23	-0.15		ppb
Cadmium	111-1	-0.02	0.01	-0.02	-0.01		ppb
Calcium	43-1	771.46	774.08	773.17	772.90	0.17	ppb
Calcium	44-1	1149.34	1174.95	1127.38	1150.56	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.11	-0.09	-0.13	-0.11		ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	7.23	ppb
Copper	63-2	0.10	0.11	0.11	0.11	6.82	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				114		%
Holmium	165-2				117		%
Indium	115-1				119		%
Indium	115-2				121		%
Iron	54-2	7868.87	7898.45	7767.92	7845.08	0.87	ppb
Iron	56-2	7791.91	7676.63	7720.58	7729.71	0.75	ppb
Iron	57-2	7984.67	7757.39	7900.43	7880.83	1.46	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.18	0.17	3.50	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL2X25 Instrumnet Name : P8
Client Sample ID : 32525DL2 Dilution Factor : 25
Date & Time Acquired : 2025-04-07 14:36:37 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.16	0.17	0.18	0.17	4.30	ppb
Lead	208-1	0.16	0.16	0.17	0.17	4.32	ppb
Lithium	6-1				137		%
Magnesium	24-2	253.45	253.54	251.07	252.69	0.55	ppb
Manganese	55-2	261.76	255.17	260.14	259.02	1.33	ppb
Molybdenum	94-1	0.38	0.40	0.40	0.39	3.86	ppb
Molybdenum	95-1	0.07	0.08	0.07	0.07	7.40	ppb
Molybdenum	96-1	0.14	0.13	0.13	0.13	3.23	ppb
Molybdenum	97-1	0.07	0.07	0.07	0.07	0.07	ppb
Molybdenum	98-1	0.08	0.07	0.07	0.08	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.18	-0.21	-0.19		ppb
Phosphorus	31-2	-13.77	-13.47	-12.98	-13.41		ppb
Potassium	39-2	122.87	120.99	122.02	121.96	0.77	ppb
Rhodium	103-1				121		%
Rhodium	103-2				127		%
Scandium	45-1				135		%
Scandium	45-2				137		%
Selenium	82-1	8.86	10.02	10.76	9.88	9.69	ppb
Selenium	77-2	11.91	9.55	10.03	10.50	11.84	ppb
Selenium	78-2	10.36	11.81	9.86	10.68	9.52	ppb
Silicon	28-1	96.63	101.19	100.37	99.40	2.45	ppb
Silver	107-1	0.00	0.00	0.00	0.00	21.96	ppb
Silver	109-1	0.00	0.00	0.00	0.00	8.64	ppb
Sodium	23-2	1659.12	1658.57	1646.85	1654.85	0.42	ppb
Strontium	86-1	1.96	2.00	1.93	1.96	1.93	ppb
Strontium	88-1	1.97	1.96	1.99	1.97	0.55	ppb
Sulfur	34-1	46.68	-63.61	-76.99	-31.31		ppb
Terbium	159-1				115		%
Terbium	159-2				115		%
Thallium	203-1	0.02	0.02	0.02	0.02	7.03	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.42	ppb
Tin	118-1	0.02	0.02	0.01	0.02	14.45	ppb
Titanium	47-1	0.27	0.28	0.27	0.27	1.54	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL2X25 Instrumnet Name : P8
Client Sample ID : 32525DL2 Dilution Factor : 25
Date & Time Acquired : 2025-04-07 14:36:37 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.03	0.05	0.04	0.04	15.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				123		%
Yttrium	89-2				131		%
Zinc	66-2	-0.24	-0.24	-0.21	-0.23		ppb
Zirconium	90-1	0.18	0.18	0.18	0.18	1.08	ppb
Zirconium	91-1	0.17	0.19	0.19	0.18	3.76	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DL3X50 Instrumnet Name : P8
Client Sample ID : 32725DL Dilution Factor : 50
Date & Time Acquired : 2025-04-07 14:39:54 DataFile Name : 045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.17	3.29	2.91	3.12	6.23	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	5.86	ppb
Arsenic	75-2	1.99	2.08	2.19	2.09	4.65	ppb
Barium	135-1	0.18	0.19	0.19	0.19	4.85	ppb
Barium	137-1	0.18	0.18	0.19	0.18	3.01	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.00	0.02	0.01	90.65	ppb
Cadmium	106-1	-0.52	-0.66	-0.67	-0.62		ppb
Cadmium	111-1	-0.04	-0.05	-0.05	-0.05		ppb
Calcium	43-1	643.00	644.52	658.80	648.77	1.34	ppb
Calcium	44-1	803.61	805.48	845.07	818.05	2.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.24	-0.26	-0.27	-0.26		ppb
Cobalt	59-2	0.08	0.07	0.07	0.07	6.79	ppb
Copper	63-2	0.05	0.05	0.04	0.05	15.44	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				104		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	54-2	4103.76	4082.83	3945.29	4043.96	2.13	ppb
Iron	56-2	3970.34	3954.20	3807.80	3910.78	2.29	ppb
Iron	57-2	3695.65	3685.14	3627.99	3669.59	0.99	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.03	14.35	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DL3X50 Instrumnet Name : P8
Client Sample ID : 32725DL Dilution Factor : 50
Date & Time Acquired : 2025-04-07 14:39:54 DataFile Name : 045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.03	0.03	0.03	9.17	ppb
Lead	208-1	0.03	0.03	0.03	0.03	5.47	ppb
Lithium	6-1				124		%
Magnesium	24-2	160.14	160.54	157.05	159.25	1.20	ppb
Manganese	55-2	122.87	123.45	119.97	122.10	1.53	ppb
Molybdenum	94-1	0.23	0.22	0.22	0.22	1.51	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	0.57	ppb
Molybdenum	96-1	0.08	0.08	0.08	0.08	1.40	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	2.62	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	3.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.22	-0.19	-0.18	-0.20		ppb
Phosphorus	31-2	-10.76	-14.62	-17.17	-14.18		ppb
Potassium	39-2	914.29	936.73	907.63	919.55	1.66	ppb
Rhodium	103-1				109		%
Rhodium	103-2				112		%
Scandium	45-1				121		%
Scandium	45-2				121		%
Selenium	82-1	2.43	2.82	2.88	2.71	8.96	ppb
Selenium	77-2	2.00	2.05	2.06	2.04	1.57	ppb
Selenium	78-2	2.24	3.05	3.26	2.85	18.92	ppb
Silicon	28-1	39.38	40.36	41.81	40.52	3.01	ppb
Silver	107-1	0.00	0.00	0.00	0.00	55.16	ppb
Silver	109-1	0.00	0.00	0.00	0.00	114.40	ppb
Sodium	23-2	1573.39	1561.10	1505.56	1546.68	2.34	ppb
Strontium	86-1	1.53	1.51	1.49	1.51	1.26	ppb
Strontium	88-1	1.52	1.51	1.50	1.51	0.75	ppb
Sulfur	34-1	-8.77	54.66	242.49	96.12	135.93	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	13.05	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	5.95	ppb
Tin	118-1	-0.03	-0.04	-0.04	-0.04		ppb
Titanium	47-1	0.05	0.06	0.05	0.05	13.30	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DL3X50 Instrumnet Name : P8
Client Sample ID : 32725DL Dilution Factor : 50
Date & Time Acquired : 2025-04-07 14:39:54 DataFile Name : 045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	22.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				117		%
Zinc	66-2	1.69	2.01	1.77	1.82	9.15	ppb
Zirconium	90-1	0.10	0.10	0.10	0.10	1.83	ppb
Zirconium	91-1	0.10	0.10	0.10	0.10	3.08	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL3X50 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 50
Date & Time Acquired : 2025-04-07 14:43:27 DataFile Name : 046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.82	8.99	9.77	9.53	4.89	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	5.35	ppb
Arsenic	75-2	2.19	2.19	2.27	2.22	2.03	ppb
Barium	135-1	0.37	0.34	0.35	0.35	3.88	ppb
Barium	137-1	0.34	0.33	0.34	0.34	1.71	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.03	0.00	0.01	88.89	ppb
Cadmium	106-1	-0.88	-0.70	-0.95	-0.84		ppb
Cadmium	111-1	-0.07	-0.05	-0.07	-0.06		ppb
Calcium	43-1	383.59	387.45	399.92	390.32	2.19	ppb
Calcium	44-1	591.61	579.61	605.02	592.08	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.15	-0.21	-0.25	-0.20		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	25.24	ppb
Copper	63-2	0.06	0.06	0.06	0.06	6.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				113		%
Iron	54-2	3963.29	3814.36	3895.17	3890.94	1.92	ppb
Iron	56-2	3882.19	3700.45	3782.11	3788.25	2.40	ppb
Iron	57-2	3616.80	3581.57	3562.44	3586.94	0.77	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.08	0.09	2.75	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL3X50 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 50
Date & Time Acquired : 2025-04-07 14:43:27 DataFile Name : 046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.10	0.10	0.09	0.09	8.76	ppb
Lead	208-1	0.09	0.09	0.08	0.09	4.46	ppb
Lithium	6-1				124		%
Magnesium	24-2	127.77	127.19	126.81	127.26	0.38	ppb
Manganese	55-2	122.42	118.90	119.17	120.16	1.63	ppb
Molybdenum	94-1	0.17	0.20	0.20	0.19	8.93	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.04	14.86	ppb
Molybdenum	96-1	0.06	0.07	0.06	0.07	7.95	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	7.80	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	5.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.18	-0.21	-0.18		ppb
Phosphorus	31-2	-20.16	-17.88	-18.29	-18.77		ppb
Potassium	39-2	69.90	70.45	68.77	69.71	1.23	ppb
Rhodium	103-1				111		%
Rhodium	103-2				115		%
Scandium	45-1				123		%
Scandium	45-2				126		%
Selenium	82-1	2.45	3.12	3.23	2.93	14.29	ppb
Selenium	77-2	3.59	2.97	1.32	2.63	44.79	ppb
Selenium	78-2	3.10	3.82	2.86	3.26	15.36	ppb
Silicon	28-1	48.31	49.18	51.09	49.52	2.87	ppb
Silver	107-1	0.00	0.00	0.00	0.00	16.37	ppb
Silver	109-1	0.00	0.00	0.00	0.00	181.13	ppb
Sodium	23-2	851.40	861.99	848.70	854.03	0.82	ppb
Strontium	86-1	0.96	0.96	1.00	0.97	1.89	ppb
Strontium	88-1	0.98	1.00	0.99	0.99	0.61	ppb
Sulfur	34-1	-128.82	-130.53	-245.00	-168.12		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.01	0.01	0.01	7.73	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.09	ppb
Tin	118-1	-0.02	-0.02	-0.01	-0.02		ppb
Titanium	47-1	0.12	0.14	0.13	0.13	8.24	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL3X50 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 50
Date & Time Acquired : 2025-04-07 14:43:27 DataFile Name : 046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.02	0.01	0.01	23.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				121		%
Zinc	66-2	-0.77	-0.64	-0.60	-0.67		ppb
Zirconium	90-1	0.08	0.09	0.09	0.08	2.87	ppb
Zirconium	91-1	0.08	0.08	0.09	0.08	5.81	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL4X100 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 100
Date & Time Acquired : 2025-04-07 14:52:05 DataFile Name : 048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.81	5.06	4.91	5.26	9.19	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	10.57	ppb
Arsenic	75-2	0.69	0.60	0.66	0.65	6.51	ppb
Barium	135-1	0.17	0.18	0.18	0.17	3.70	ppb
Barium	137-1	0.18	0.19	0.17	0.18	6.63	ppb
Beryllium	9-1	-0.01	-0.01	0.00	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.00	0.00	0.02	175.87	ppb
Cadmium	106-1	-0.64	-0.51	-0.61	-0.58		ppb
Cadmium	111-1	-0.05	-0.04	-0.05	-0.05		ppb
Calcium	43-1	186.36	185.95	189.83	187.38	1.14	ppb
Calcium	44-1	254.92	259.86	258.05	257.61	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.31	-0.26	-0.28	-0.28		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.04	0.02	0.03	36.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				113		%
Iron	54-2	1851.40	1864.13	1802.54	1839.35	1.77	ppb
Iron	56-2	1886.29	1936.80	1871.34	1898.14	1.81	ppb
Iron	57-2	1783.22	1824.94	1770.74	1792.97	1.58	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.05	0.06	6.79	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL4X100 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 100
Date & Time Acquired : 2025-04-07 14:52:05 DataFile Name : 048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.04	0.05	0.05	9.99	ppb
Lead	208-1	0.05	0.05	0.05	0.05	6.69	ppb
Lithium	6-1				124		%
Magnesium	24-2	62.58	65.09	63.56	63.74	1.98	ppb
Manganese	55-2	59.89	60.39	58.60	59.62	1.54	ppb
Molybdenum	94-1	0.19	0.19	0.19	0.19	1.98	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	25.30	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	6.41	ppb
Molybdenum	97-1	0.01	0.02	0.02	0.01	23.68	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	7.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.18	-0.18	-0.18		ppb
Phosphorus	31-2	-23.57	-20.02	-17.14	-20.24		ppb
Potassium	39-2	40.90	43.83	40.61	41.78	4.26	ppb
Rhodium	103-1				111		%
Rhodium	103-2				115		%
Scandium	45-1				122		%
Scandium	45-2				125		%
Selenium	82-1	1.22	1.51	1.60	1.44	13.54	ppb
Selenium	77-2	1.95	0.32	0.31	0.86	109.69	ppb
Selenium	78-2	1.57	1.62	2.75	1.98	33.74	ppb
Silicon	28-1	23.63	24.95	25.02	24.53	3.21	ppb
Silver	107-1	0.00	0.00	0.00	0.00	81.12	ppb
Silver	109-1	0.00	0.00	0.00	0.00	189.36	ppb
Sodium	23-2	409.08	413.59	409.62	410.76	0.60	ppb
Strontium	86-1	0.49	0.48	0.49	0.49	1.15	ppb
Strontium	88-1	0.50	0.49	0.51	0.50	1.38	ppb
Sulfur	34-1	-128.28	174.33	-6.13	13.31	1144.07	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.00	0.01	0.01	20.25	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	7.06	ppb
Tin	118-1	-0.03	-0.04	-0.04	-0.04		ppb
Titanium	47-1	0.09	0.07	0.07	0.07	13.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL4X100 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 100
Date & Time Acquired : 2025-04-07 14:52:05 DataFile Name : 048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.01	0.01	46.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				122		%
Zinc	66-2	-0.95	-0.89	-0.81	-0.88		ppb
Zirconium	90-1	0.09	0.10	0.09	0.09	3.30	ppb
Zirconium	91-1	0.10	0.10	0.09	0.10	4.12	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P8
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 15:00:29 DataFile Name : 050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54086.32	53041.24	53177.76	53435.11	1.06	ppb
Antimony	121-1	498.29	503.39	494.54	498.74	0.89	ppb
Arsenic	75-2	471.99	483.26	471.29	475.51	1.41	ppb
Barium	135-1	2486.83	2464.12	2502.67	2484.54	0.78	ppb
Barium	137-1	2512.86	2486.28	2441.31	2480.15	1.46	ppb
Beryllium	9-1	492.44	494.13	510.07	498.88	1.95	ppb
Bismuth	209-1				83		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	486.28	482.09	468.60	478.99	1.93	ppb
Cadmium	106-1	477.36	480.46	471.85	476.56	0.92	ppb
Cadmium	111-1	497.74	490.79	489.37	492.63	0.91	ppb
Calcium	43-1	250045.78	255215.06	255300.42	253520.42	1.19	ppb
Calcium	44-1	249023.76	256230.56	251442.45	252232.25	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.18	509.71	509.07	509.98	0.21	ppb
Cobalt	59-2	484.04	485.33	475.62	481.67	1.09	ppb
Copper	63-2	5156.34	5241.85	5210.96	5203.05	0.83	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				93		%
Holmium	165-2				95		%
Indium	115-1				86		%
Indium	115-2				87		%
Iron	54-2	125299.08	126902.68	125114.22	125771.99	0.78	ppb
Iron	56-2	123857.97	124217.14	124963.93	124346.35	0.45	ppb
Iron	57-2	125075.60	124926.73	123943.15	124648.49	0.49	ppb
Krypton	83-1						cps
Lead	206-1	2463.72	2469.71	2428.30	2453.91	0.91	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P8
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 15:00:29 DataFile Name : 050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2470.23	2468.70	2429.18	2456.03	0.95	ppb
Lead	208-1	2454.22	2468.74	2447.61	2456.86	0.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	268617.99	267460.71	266717.59	267598.76	0.36	ppb
Manganese	55-2	5022.85	5074.60	5036.46	5044.64	0.53	ppb
Molybdenum	94-1	4819.95	4867.31	4928.59	4871.95	1.12	ppb
Molybdenum	95-1	4801.51	4798.22	4895.23	4831.65	1.14	ppb
Molybdenum	96-1	4777.86	4854.91	4896.90	4843.22	1.25	ppb
Molybdenum	97-1	4821.47	4888.74	4890.47	4866.90	0.81	ppb
Molybdenum	98-1	4863.67	4771.84	4858.37	4831.29	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.51	479.00	474.98	477.49	0.46	ppb
Phosphorus	31-2	10549.50	10598.28	10457.72	10535.17	0.68	ppb
Potassium	39-2	129638.18	128105.78	129063.19	128935.71	0.60	ppb
Rhodium	103-1				84		%
Rhodium	103-2				89		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	82-1	465.67	463.09	476.73	468.50	1.55	ppb
Selenium	77-2	481.47	488.74	481.26	483.82	0.88	ppb
Selenium	78-2	482.88	486.96	476.58	482.14	1.08	ppb
Silicon	28-1	548.36	541.04	539.90	543.10	0.84	ppb
Silver	107-1	479.16	483.08	477.97	480.07	0.56	ppb
Silver	109-1	488.19	489.44	482.23	486.62	0.79	ppb
Sodium	23-2	275881.40	271252.46	270087.30	272407.05	1.13	ppb
Strontium	86-1	494.87	499.13	496.66	496.89	0.43	ppb
Strontium	88-1	486.91	496.86	506.72	496.83	1.99	ppb
Sulfur	34-1	10693.66	10449.26	10549.87	10564.26	1.16	ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	497.19	497.56	495.37	496.71	0.24	ppb
Thallium	205-1	492.14	497.63	491.50	493.76	0.68	ppb
Tin	118-1	503.16	508.24	494.90	502.10	1.34	ppb
Titanium	47-1	4963.29	4979.19	4967.56	4970.01	0.17	ppb
Uranium	238-1	503.85	498.65	504.49	502.33	0.64	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P8
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 15:00:29 DataFile Name : 050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	520.29	524.10	521.09	521.83	0.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				103		%
Zinc	66-2	5054.36	5153.74	5060.89	5089.66	1.09	ppb
Zirconium	90-1	489.69	489.05	498.83	492.53	1.11	ppb
Zirconium	91-1	482.95	479.23	499.73	487.30	2.24	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P8
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 15:13:18 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.46	0.21	0.23	0.30	46.31	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	13.10	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	72.63	ppb
Barium	135-1	0.03	0.03	0.02	0.03	15.74	ppb
Barium	137-1	0.02	0.03	0.02	0.02	9.14	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	5.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.00	-0.01	0.00		ppb
Cadmium	106-1	-1.24	-1.09	-0.92	-1.08		ppb
Cadmium	111-1	-0.09	-0.08	-0.06	-0.08		ppb
Calcium	43-1	-10.41	-10.17	-10.89	-10.49		ppb
Calcium	44-1	-4.36	-4.81	-4.74	-4.64		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.29	-0.29	-0.28	-0.29		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.05	0.06	0.05	0.05	15.53	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				103		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	-1.35	-1.06	-1.18	-1.20		ppb
Iron	56-2	-0.93	-0.82	-0.97	-0.90		ppb
Iron	57-2	-1.36	-1.27	-0.59	-1.07		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.06	0.06	2.45	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P8
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 15:13:18 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.06	0.06	0.05	0.06	16.47	ppb
Lead	208-1	0.06	0.06	0.05	0.06	3.21	ppb
Lithium	6-1				120		%
Magnesium	24-2	1.61	1.74	1.96	1.77	10.09	ppb
Manganese	55-2	-0.04	0.01	0.01	-0.01		ppb
Molybdenum	94-1	0.07	0.06	0.07	0.07	4.68	ppb
Molybdenum	95-1	0.05	0.04	0.05	0.05	11.57	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.06	8.03	ppb
Molybdenum	97-1	0.05	0.04	0.04	0.05	13.57	ppb
Molybdenum	98-1	0.05	0.06	0.05	0.05	6.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.24	-0.24	-0.23		ppb
Phosphorus	31-2	-20.06	-25.76	-25.04	-23.62		ppb
Potassium	39-2	24.68	23.53	24.18	24.13	2.38	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	82-1	0.22	0.05	0.30	0.19	65.31	ppb
Selenium	77-2	-0.28	-0.28	-0.49	-0.35		ppb
Selenium	78-2	-0.10	0.23	0.25	0.13	152.48	ppb
Silicon	28-1	0.17	0.09	0.15	0.13	32.12	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.23	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.65	ppb
Sodium	23-2	33.61	33.80	33.93	33.78	0.48	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	144.58	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	10.27	ppb
Sulfur	34-1	-445.28	-418.75	-396.09	-420.04		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.02	0.01	5.72	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	6.50	ppb
Tin	118-1	-0.05	-0.05	-0.04	-0.05		ppb
Titanium	47-1	0.06	0.07	0.05	0.06	15.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	7.13	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P8
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 15:13:18 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	64.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				113		%
Zinc	66-2	-0.96	-0.92	-0.93	-0.93		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	13.19	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	17.32	ppb

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:29:45 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	403	320	363	362	11.51	cps
Antimony	121-1	110	63	123	99	31.86	cps
Arsenic	75-2	13	10	13	12	15.73	cps
Barium	135-1	190	163	137	163	16.33	cps
Barium	137-1	373	340	410	374	9.35	cps
Beryllium	9-1	68	72	85	75	11.63	cps
Bismuth	209-1	6677436	6163412	6251148	6363999	4.32	cps
Bismuth	209-2	3052880	3058202	3051500	3054194	0.12	cps
Bromine	81-1	31238	30553	29434	30409	2.99	cps
Cadmium	108-1	7	23	37	22	67.63	cps
Cadmium	106-1	7992	7492	7172	7552	5.48	cps
Cadmium	111-1	5610	5248	5048	5302	5.37	cps
Calcium	43-1	4781	4768	4554	4701	2.71	cps
Calcium	44-1	92418	90287	87255	89987	2.88	cps
Carbon	12-1	4214130	4105932	3934045	4084702	3.46	cps
Carbon	12-2	30278	30171	30037	30162	0.40	cps
Chlorine	35-1	198808	194497	193846	195717	1.38	cps
Chlorine	35-2	1147	1040	940	1042	9.92	cps
Chromium	52-2	14985	14501	14491	14659	1.93	cps
Cobalt	59-2	400	363	383	382	4.80	cps
Copper	63-2	3280	3010	3107	3133	4.37	cps
Dysprosium	156-1	30	17	17	21	36.45	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	67	83	67	72	13.32	cps
Erbium	164-2	37	30	47	38	22.21	cps
Gadolinium	160-1	143	100	157	133	22.22	cps
Gadolinium	160-2	47	37	40	41	12.39	cps
Holmium	165-1	11160280	10691706	10617562	10823183	2.72	cps
Holmium	165-2	4374058	4407215	4401526	4394266	0.40	cps
Indium	115-1	9943714	9506754	9443012	9631160	2.83	cps
Indium	115-2	1172546	1170765	1164993	1169435	0.34	cps
Iron	54-2	3914	3924	4114	3984	2.83	cps
Iron	56-2	59704	60836	59286	59942	1.34	cps
Iron	57-2	1453	1450	1507	1470	2.16	cps
Krypton	83-1	483	340	437	420	17.41	cps
Lead	206-1	1513	1420	1237	1390	10.13	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:29:45 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1147	1173	1217	1179	3.00	cps
Lead	208-1	5774	5531	5154	5486	5.69	cps
Lithium	6-1	3486255	3294269	3403654	3394726	2.84	cps
Magnesium	24-2	543	573	527	548	4.32	cps
Manganese	55-2	1897	1713	1947	1852	6.63	cps
Molybdenum	94-1	673	637	610	640	4.97	cps
Molybdenum	95-1	713	680	663	686	3.71	cps
Molybdenum	96-1	750	730	767	749	2.45	cps
Molybdenum	97-1	433	457	467	452	3.78	cps
Molybdenum	98-1	940	923	1000	954	4.23	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	4164	4091	4114	4123	0.91	cps
Phosphorus	31-2	140	190	213	181	20.69	cps
Potassium	39-2	22932	22618	22251	22600	1.51	cps
Rhodium	103-1	9673288	9260292	8940552	9291377	3.95	cps
Rhodium	103-2	4031229	4014041	4076193	4040488	0.79	cps
Scandium	45-1	6498520	6212816	6152663	6288000	2.94	cps
Scandium	45-2	158928	156738	157107	157591	0.74	cps
Selenium	82-1	-47	60	-63	-17	-401.44	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	33	33	17	28	34.63	cps
Silicon	28-1	571260	553595	537775	554210	3.02	cps
Silver	107-1	177	130	133	147	17.75	cps
Silver	109-1	103	83	97	94	10.78	cps
Sodium	23-2	53525	54190	54388	54034	0.84	cps
Strontium	86-1	917	790	767	824	9.79	cps
Strontium	88-1	1970	1837	1650	1819	8.84	cps
Sulfur	34-1	763916	736517	736667	745700	2.12	cps
Terbium	159-1	11656076	11088329	10917232	11220546	3.45	cps
Terbium	159-2	4299745	4332975	4319946	4317555	0.39	cps
Thallium	203-1	230	187	227	214	11.24	cps
Thallium	205-1	547	537	477	520	7.28	cps
Tin	118-1	5048	8275	4668	5997	33.06	cps
Titanium	47-1	330	333	323	329	1.55	cps
Uranium	238-1	267	337	303	302	11.59	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:29:45 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	53	90	103	82	31.49	cps
Ytterbium	172-1	50	40	53	48	14.52	cps
Ytterbium	172-2	23	30	27	27	12.51	cps
Ytterbium	176-1	1883	1753	1697	1778	5.38	cps
Ytterbium	176-2	517	543	480	513	6.19	cps
Yttrium	89-1	18019992	17272886	17016906	17436595	2.99	cps
Yttrium	89-2	1572589	1585227	1555831	1571215	0.94	cps
Zinc	66-2	5128	4988	5271	5129	2.76	cps
Zirconium	90-1	1107	820	1090	1006	16.00	cps
Zirconium	91-1	167	183	127	159	18.33	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:36:29 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3924	4311	3954	4063	5.30	cps
Antimony	121-1	80049	80002	80562	80204	0.39	cps
Arsenic	75-2	1180	1110	1110	1133	3.57	cps
Barium	135-1	97064	94651	95440	95718	1.29	cps
Barium	137-1	165637	163035	164996	164556	0.82	cps
Beryllium	9-1	9929	10064	10266	10086	1.68	cps
Bismuth	209-1	6324226	6227499	6277670	6276465	0.77	cps
Bismuth	209-2	3106042	3063504	3069635	3079727	0.75	cps
Bromine	81-1	29568	28970	29972	29503	1.71	cps
Cadmium	108-1	780	977	833	863	11.78	cps
Cadmium	106-1	8493	8326	8536	8452	1.31	cps
Cadmium	111-1	16237	15802	16306	16115	1.70	cps
Calcium	43-1	70069	70545	70006	70207	0.42	cps
Calcium	44-1	1162431	1156023	1159568	1159341	0.28	cps
Carbon	12-1	4505927	4413067	4295956	4404983	2.39	cps
Carbon	12-2	32736	32001	32452	32397	1.14	cps
Chlorine	35-1	200295	199325	201366	200329	0.51	cps
Chlorine	35-2	1083	1153	1037	1091	5.38	cps
Chromium	52-2	36804	36035	35574	36138	1.72	cps
Cobalt	59-2	20442	21039	20315	20598	1.88	cps
Copper	63-2	34154	34151	33416	33907	1.25	cps
Dysprosium	156-1	17	13	17	16	12.40	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	87	43	73	68	32.75	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	133	163	140	146	10.82	cps
Gadolinium	160-2	47	17	33	32	46.65	cps
Holmium	165-1	10743168	10628087	10627168	10666141	0.63	cps
Holmium	165-2	4343266	4339831	4313952	4332350	0.37	cps
Indium	115-1	9541157	9374321	9420075	9445184	0.91	cps
Indium	115-2	1174700	1168073	1164947	1169240	0.43	cps
Iron	54-2	26254	27012	25590	26285	2.71	cps
Iron	56-2	468676	462154	457204	462678	1.24	cps
Iron	57-2	11935	11555	11315	11601	2.70	cps
Krypton	83-1	443	347	437	409	13.21	cps
Lead	206-1	27496	27924	27479	27633	0.91	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:36:29 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	23959	24380	23999	24112	0.96	cps
Lead	208-1	109695	110999	109635	110110	0.70	cps
Lithium	6-1	3356255	3328074	3313644	3332658	0.65	cps
Magnesium	24-2	315517	311778	306322	311206	1.49	cps
Manganese	55-2	6138	6538	6388	6355	3.18	cps
Molybdenum	94-1	87328	84884	85319	85844	1.52	cps
Molybdenum	95-1	103156	104231	104680	104022	0.75	cps
Molybdenum	96-1	114786	115324	114427	114846	0.39	cps
Molybdenum	97-1	64683	64710	64080	64491	0.55	cps
Molybdenum	98-1	166859	167659	167028	167182	0.25	cps
Neodymium	150-1	27	20	33	27	24.99	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	9286	9627	9450	9454	1.80	cps
Phosphorus	31-2	570	523	470	521	9.60	cps
Potassium	39-2	239600	237612	235400	237537	0.88	cps
Rhodium	103-1	9202054	8943454	9078768	9074759	1.43	cps
Rhodium	103-2	4042605	4154991	4015213	4070937	1.82	cps
Scandium	45-1	6254709	6110474	6152045	6172410	1.20	cps
Scandium	45-2	156925	156225	154612	155921	0.76	cps
Selenium	82-1	3397	3261	3471	3376	3.16	cps
Selenium	77-2	80	103	73	86	18.41	cps
Selenium	78-2	307	327	320	318	3.20	cps
Silicon	28-1	715926	744457	710935	723773	2.50	cps
Silver	107-1	51723	52229	52687	52213	0.92	cps
Silver	109-1	49472	49084	49927	49494	0.85	cps
Sodium	23-2	677764	670718	663740	670741	1.05	cps
Strontium	86-1	14474	14748	14698	14640	1.00	cps
Strontium	88-1	118010	119130	121540	119560	1.51	cps
Sulfur	34-1	763061	763583	761439	762694	0.15	cps
Terbium	159-1	11207079	10925482	10888220	11006927	1.58	cps
Terbium	159-2	4346278	4345731	4322081	4338030	0.32	cps
Thallium	203-1	32547	32698	33002	32749	0.71	cps
Thallium	205-1	79096	79173	78811	79027	0.24	cps
Tin	118-1	169313	169434	171007	169918	0.56	cps
Titanium	47-1	30983	31084	30656	30908	0.72	cps
Uranium	238-1	97856	97732	98763	98117	0.57	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:36:29 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	39855	39788	39511	39718	0.46	cps
Ytterbium	172-1	50	50	53	51	3.76	cps
Ytterbium	172-2	27	13	37	26	45.82	cps
Ytterbium	176-1	2010	1964	2004	1992	1.27	cps
Ytterbium	176-2	523	433	487	481	9.41	cps
Yttrium	89-1	16817090	16843784	17273742	16978205	1.51	cps
Yttrium	89-2	1568999	1581038	1562248	1570762	0.61	cps
Zinc	66-2	12876	13013	12592	12827	1.67	cps
Zirconium	90-1	72118	71991	72531	72213	0.39	cps
Zirconium	91-1	15983	15689	15846	15839	0.93	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:39:50 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163213	161708	164349	163090	0.81	cps
Antimony	121-1	1941243	1953640	1941213	1945365	0.37	cps
Arsenic	75-2	46938	47383	46530	46950	0.91	cps
Barium	135-1	2339692	2332306	2314717	2328905	0.55	cps
Barium	137-1	3972548	4005640	3910574	3962921	1.22	cps
Beryllium	9-1	458258	457635	458905	458266	0.14	cps
Bismuth	209-1	6120903	6162396	6152331	6145210	0.35	cps
Bismuth	209-2	3044404	2992287	3023963	3020218	0.87	cps
Bromine	81-1	29514	29504	28866	29295	1.27	cps
Cadmium	108-1	40218	40436	40175	40276	0.35	cps
Cadmium	106-1	63525	64523	64952	64333	1.14	cps
Cadmium	111-1	501449	505462	505657	504189	0.47	cps
Calcium	43-1	622343	625828	619488	622553	0.51	cps
Calcium	44-1	10040381	9839455	10051241	9977026	1.20	cps
Carbon	12-1	4660692	4624524	4507711	4597643	1.74	cps
Carbon	12-2	33946	33856	33639	33813	0.47	cps
Chlorine	35-1	228904	229734	229328	229322	0.18	cps
Chlorine	35-2	1297	1183	1210	1230	4.82	cps
Chromium	52-2	498689	493866	490056	494204	0.88	cps
Cobalt	59-2	888368	881895	872378	880880	0.91	cps
Copper	63-2	7702209	7623515	7619119	7648281	0.61	cps
Dysprosium	156-1	77	60	50	62	21.65	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	87	130	103	107	20.49	cps
Erbium	164-2	37	27	20	28	30.20	cps
Gadolinium	160-1	130	163	173	156	14.59	cps
Gadolinium	160-2	33	33	33	33	0.00	cps
Holmium	165-1	10600408	10567698	10659254	10609120	0.44	cps
Holmium	165-2	4283363	4304106	4285321	4290930	0.27	cps
Indium	115-1	9432824	9376000	9282785	9363869	0.81	cps
Indium	115-2	1142606	1125230	1129396	1132411	0.80	cps
Iron	54-2	1023912	1005837	1004363	1011370	1.08	cps
Iron	56-2	18664642	18385350	18654908	18568300	0.85	cps
Iron	57-2	468390	459506	460889	462928	1.03	cps
Krypton	83-1	400	400	420	407	2.84	cps
Lead	206-1	6371728	6446248	6491987	6436655	0.94	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:39:50 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5399389	5504000	5669981	5524457	2.47	cps
Lead	208-1	24802167	25299757	25547350	25216425	1.51	cps
Lithium	6-1	3385771	3231377	3309721	3308956	2.33	cps
Magnesium	24-2	2809152	2796662	2794202	2800005	0.29	cps
Manganese	55-2	2390684	2374680	2350002	2371789	0.86	cps
Molybdenum	94-1	6701074	6744263	6891847	6779061	1.48	cps
Molybdenum	95-1	9833560	9833430	9934868	9867286	0.59	cps
Molybdenum	96-1	10512157	10760989	10743239	10672128	1.30	cps
Molybdenum	97-1	5999990	6043172	5994416	6012526	0.44	cps
Molybdenum	98-1	15637969	15748117	15779455	15721847	0.47	cps
Neodymium	150-1	190	190	217	199	7.74	cps
Neodymium	150-2	13	20	3	12	68.66	cps
Nickel	60-2	251855	249559	247147	249521	0.94	cps
Phosphorus	31-2	8759	8763	8729	8750	0.21	cps
Potassium	39-2	1014833	999780	1005930	1006847	0.75	cps
Rhodium	103-1	8765719	8885130	9030210	8893686	1.49	cps
Rhodium	103-2	3940126	3958154	3919316	3939199	0.49	cps
Scandium	45-1	6297810	6169252	6095121	6187394	1.66	cps
Scandium	45-2	151385	149975	151114	150825	0.50	cps
Selenium	82-1	31633	31647	31757	31679	0.21	cps
Selenium	77-2	637	630	723	663	7.85	cps
Selenium	78-2	2624	2457	2430	2504	4.19	cps
Silicon	28-1	8576754	8675382	8522132	8591423	0.90	cps
Silver	107-1	2618446	2666005	2625720	2636724	0.97	cps
Silver	109-1	2447618	2475624	2491593	2471612	0.90	cps
Sodium	23-2	5643782	5554208	5538203	5578731	1.02	cps
Strontium	86-1	629394	626732	627128	627751	0.23	cps
Strontium	88-1	5528314	5529699	5553846	5537286	0.26	cps
Sulfur	34-1	927307	928874	921774	925985	0.40	cps
Terbium	159-1	11050886	11123670	11139554	11104703	0.43	cps
Terbium	159-2	4291916	4213739	4251149	4252268	0.92	cps
Thallium	203-1	1567108	1571282	1574013	1570801	0.22	cps
Thallium	205-1	3784811	3819439	3844962	3816404	0.79	cps
Tin	118-1	1518045	1584469	1522848	1541787	2.40	cps
Titanium	47-1	2837644	2776793	2769324	2794587	1.34	cps
Uranium	238-1	4545096	4633460	4620695	4599750	1.04	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:39:50 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	369273	362985	364093	365450	0.92	cps
Ytterbium	172-1	103	93	100	99	5.15	cps
Ytterbium	172-2	53	53	33	47	24.75	cps
Ytterbium	176-1	9280	9497	9320	9366	1.23	cps
Ytterbium	176-2	3410	3534	3574	3506	2.43	cps
Yttrium	89-1	17151261	16863800	17092249	17035770	0.89	cps
Yttrium	89-2	1542389	1507070	1517416	1522291	1.19	cps
Zinc	66-2	891475	889442	879513	886810	0.72	cps
Zirconium	90-1	3413030	3493050	3452332	3452804	1.16	cps
Zirconium	91-1	739544	752148	745964	745885	0.84	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:42:51 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392001	389300	391697	391000	0.38	cps
Antimony	121-1	4666672	4704825	4711968	4694488	0.52	cps
Arsenic	75-2	115371	116241	114188	115266	0.89	cps
Barium	135-1	5620760	5726708	5569471	5638979	1.42	cps
Barium	137-1	9686406	9755236	9507891	9649845	1.32	cps
Beryllium	9-1	1044268	1085026	1043070	1057454	2.26	cps
Bismuth	209-1	6114844	6105189	6184716	6134917	0.71	cps
Bismuth	209-2	2983772	2916083	2943225	2947693	1.16	cps
Bromine	81-1	28910	29441	28546	28966	1.55	cps
Cadmium	108-1	98126	98858	98831	98605	0.42	cps
Cadmium	106-1	144740	143312	143537	143863	0.53	cps
Cadmium	111-1	1205143	1220407	1219767	1215106	0.71	cps
Calcium	43-1	1474502	1504772	1471983	1483752	1.23	cps
Calcium	44-1	24162757	24150924	24152082	24155254	0.03	cps
Carbon	12-1	4759326	4731690	4658850	4716622	1.10	cps
Carbon	12-2	35352	35068	35359	35260	0.47	cps
Chlorine	35-1	228410	235435	233093	232313	1.54	cps
Chlorine	35-2	1223	1287	1240	1250	2.63	cps
Chromium	52-2	1191679	1187433	1176859	1185324	0.64	cps
Cobalt	59-2	2247158	2183381	2157959	2196166	2.09	cps
Copper	63-2	18427471	18630679	18497877	18518676	0.56	cps
Dysprosium	156-1	130	137	130	132	2.91	cps
Dysprosium	156-2	20	33	17	23	37.78	cps
Erbium	164-1	170	103	170	148	26.05	cps
Erbium	164-2	37	57	20	38	48.60	cps
Gadolinium	160-1	213	207	220	213	3.12	cps
Gadolinium	160-2	40	37	53	43	20.34	cps
Holmium	165-1	10711652	10691890	10585734	10663092	0.64	cps
Holmium	165-2	4388282	4212857	4340218	4313786	2.10	cps
Indium	115-1	9117317	9284871	9163180	9188456	0.94	cps
Indium	115-2	1111380	1105679	1103849	1106970	0.35	cps
Iron	54-2	2534561	2535416	2478397	2516125	1.30	cps
Iron	56-2	45107878	45021703	44777873	44969151	0.38	cps
Iron	57-2	1123990	1125143	1120563	1123232	0.21	cps
Krypton	83-1	480	427	420	442	7.44	cps
Lead	206-1	15706447	15840596	15784312	15777118	0.43	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:42:51 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	13410532	13592891	13586628	13530017	0.77	cps
Lead	208-1	61350532	61941391	62214124	61835349	0.71	cps
Lithium	6-1	3244669	3287279	3247841	3259929	0.73	cps
Magnesium	24-2	6728202	6802388	6693614	6741401	0.82	cps
Manganese	55-2	5694189	5685420	5631894	5670501	0.59	cps
Molybdenum	94-1	16417296	16718434	16637218	16590983	0.94	cps
Molybdenum	95-1	23926078	24356584	24132636	24138433	0.89	cps
Molybdenum	96-1	26314848	26552114	26562757	26476573	0.53	cps
Molybdenum	97-1	14992133	14879393	15013537	14961688	0.48	cps
Molybdenum	98-1	38795408	38984889	38899405	38893234	0.24	cps
Neodymium	150-1	403	357	427	396	9.01	cps
Neodymium	150-2	47	30	23	33	36.07	cps
Nickel	60-2	595669	592518	590325	592837	0.45	cps
Phosphorus	31-2	20715	20929	20308	20650	1.53	cps
Potassium	39-2	2482157	2469895	2424738	2458930	1.23	cps
Rhodium	103-1	8895940	8773765	8860017	8843241	0.71	cps
Rhodium	103-2	3922939	3772415	3886673	3860675	2.03	cps
Scandium	45-1	6036877	6007488	5952065	5998810	0.72	cps
Scandium	45-2	151114	150889	148733	150245	0.88	cps
Selenium	82-1	74867	76637	76365	75957	1.25	cps
Selenium	77-2	1640	1720	1737	1699	3.04	cps
Selenium	78-2	5508	5915	5868	5763	3.86	cps
Silicon	28-1	19984161	19909766	19677670	19857199	0.81	cps
Silver	107-1	6364551	6278370	6253841	6298920	0.92	cps
Silver	109-1	5968322	5993141	5985802	5982422	0.21	cps
Sodium	23-2	13465415	13485621	13611284	13520773	0.58	cps
Strontium	86-1	1575014	1596612	1574029	1581885	0.81	cps
Strontium	88-1	13514717	13509611	13505539	13509955	0.03	cps
Sulfur	34-1	1057457	1053401	1054133	1054997	0.20	cps
Terbium	159-1	10842943	10987495	10972481	10934306	0.73	cps
Terbium	159-2	4251988	4201786	4228064	4227280	0.59	cps
Thallium	203-1	4012291	4029472	4048353	4030038	0.45	cps
Thallium	205-1	9201199	9223688	9317067	9247318	0.66	cps
Tin	118-1	3730498	3788779	3823209	3780829	1.24	cps
Titanium	47-1	6683910	6718126	6711188	6704408	0.27	cps
Uranium	238-1	11147812	11305887	11202764	11218821	0.72	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:42:51 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	899829	891747	890219	893932	0.58	cps
Ytterbium	172-1	137	133	157	142	8.87	cps
Ytterbium	172-2	90	63	73	76	17.83	cps
Ytterbium	176-1	20339	20603	20189	20377	1.03	cps
Ytterbium	176-2	7912	7712	7842	7822	1.30	cps
Yttrium	89-1	16850708	16855511	16718507	16808242	0.46	cps
Yttrium	89-2	1512462	1450071	1488588	1483707	2.12	cps
Zinc	66-2	2179900	2209378	2189421	2192900	0.69	cps
Zirconium	90-1	8354540	8387892	8354202	8365545	0.23	cps
Zirconium	91-1	1840673	1879408	1846481	1855521	1.13	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:45:39 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	762053	768172	755498	761908	0.83	cps
Antimony	121-1	8993736	9165610	9011595	9056980	1.04	cps
Arsenic	75-2	225950	226262	223782	225331	0.60	cps
Barium	135-1	10844887	10936690	10878661	10886746	0.43	cps
Barium	137-1	18576689	18790215	18694350	18687085	0.57	cps
Beryllium	9-1	1997503	2035195	2065503	2032734	1.68	cps
Bismuth	209-1	6117815	5961556	6016339	6031903	1.31	cps
Bismuth	209-2	2898560	2880957	2925525	2901680	0.77	cps
Bromine	81-1	28292	29668	30300	29420	3.49	cps
Cadmium	108-1	186487	189050	191021	188853	1.20	cps
Cadmium	106-1	271681	271497	270386	271188	0.26	cps
Cadmium	111-1	2405018	2456233	2453344	2438198	1.18	cps
Calcium	43-1	2946943	2910122	2898166	2918410	0.87	cps
Calcium	44-1	47287188	46966339	47281691	47178406	0.39	cps
Carbon	12-1	4999048	4993976	4903651	4965558	1.08	cps
Carbon	12-2	37945	37561	37959	37822	0.60	cps
Chlorine	35-1	238727	245565	245250	243181	1.59	cps
Chlorine	35-2	1183	1253	1280	1239	4.03	cps
Chromium	52-2	2409607	2390601	2330257	2376822	1.74	cps
Cobalt	59-2	4252058	4307378	4227644	4262360	0.96	cps
Copper	63-2	35778230	35556220	35649004	35661152	0.31	cps
Dysprosium	156-1	233	220	243	232	5.04	cps
Dysprosium	156-2	60	47	57	54	12.74	cps
Erbium	164-1	203	277	210	230	17.63	cps
Erbium	164-2	77	90	67	78	15.05	cps
Gadolinium	160-1	253	223	250	242	6.79	cps
Gadolinium	160-2	63	53	63	60	9.62	cps
Holmium	165-1	10670365	10897352	10479156	10682291	1.96	cps
Holmium	165-2	4291029	4268475	4264947	4274817	0.33	cps
Indium	115-1	9105048	9230590	9002756	9112798	1.25	cps
Indium	115-2	1085080	1089261	1083366	1085903	0.28	cps
Iron	54-2	4833500	4856035	4776195	4821910	0.85	cps
Iron	56-2	87211262	87826222	86941149	87326211	0.52	cps
Iron	57-2	2207375	2260432	2240638	2236148	1.20	cps
Krypton	83-1	390	483	343	406	17.58	cps
Lead	206-1	30654903	30911179	30014478	30526853	1.51	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:45:39 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	26259418	25814111	25899504	25991011	0.91	cps
Lead	208-1	120766353	119307884	119605699	119893312	0.64	cps
Lithium	6-1	3214370	3218731	3192543	3208548	0.44	cps
Magnesium	24-2	13310214	13076799	13169655	13185556	0.89	cps
Manganese	55-2	11185253	11263188	10893734	11114058	1.75	cps
Molybdenum	94-1	32261516	32871002	32619348	32583955	0.94	cps
Molybdenum	95-1	46970258	47457234	47586283	47337925	0.69	cps
Molybdenum	96-1	51851234	51726139	51479826	51685733	0.37	cps
Molybdenum	97-1	29333099	29724737	29041081	29366306	1.17	cps
Molybdenum	98-1	76183439	77065819	74916862	76055373	1.42	cps
Neodymium	150-1	780	690	783	751	7.05	cps
Neodymium	150-2	23	57	43	41	40.82	cps
Nickel	60-2	1131343	1142341	1130912	1134865	0.57	cps
Phosphorus	31-2	41268	40844	40744	40952	0.68	cps
Potassium	39-2	4722173	4736928	4684580	4714560	0.57	cps
Rhodium	103-1	8775173	8778544	8447056	8666924	2.20	cps
Rhodium	103-2	3825256	3818902	3798879	3814346	0.36	cps
Scandium	45-1	6067093	5982408	5986113	6011871	0.80	cps
Scandium	45-2	149899	150414	151472	150595	0.53	cps
Selenium	82-1	147133	151180	147689	148667	1.48	cps
Selenium	77-2	3277	3134	3260	3224	2.43	cps
Selenium	78-2	11448	11074	11071	11198	1.93	cps
Silicon	28-1	38709179	39176609	38631985	38839258	0.76	cps
Silver	107-1	11996501	11937464	12139490	12024485	0.86	cps
Silver	109-1	11597631	11629114	11645593	11624113	0.21	cps
Sodium	23-2	26479810	26342080	26494305	26438732	0.32	cps
Strontium	86-1	3098982	3081826	3082374	3087727	0.32	cps
Strontium	88-1	26654712	26830300	26628999	26704670	0.41	cps
Sulfur	34-1	1388378	1380859	1367868	1379035	0.75	cps
Terbium	159-1	11136435	11154568	10997667	11096223	0.77	cps
Terbium	159-2	4225364	4261988	4161439	4216264	1.21	cps
Thallium	203-1	7765344	7835670	7584407	7728474	1.68	cps
Thallium	205-1	18327949	18357168	17815398	18166838	1.68	cps
Tin	118-1	7480234	7585882	7323580	7463232	1.77	cps
Titanium	47-1	13162120	13061566	13023958	13082548	0.55	cps
Uranium	238-1	22044265	21570913	22269753	21961643	1.62	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:45:39 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1772448	1752336	1762402	1762395	0.57	cps
Ytterbium	172-1	197	207	170	191	9.92	cps
Ytterbium	172-2	117	133	97	116	15.89	cps
Ytterbium	176-1	37517	38590	37877	37995	1.44	cps
Ytterbium	176-2	15225	14925	15256	15135	1.21	cps
Yttrium	89-1	16819311	16674346	16683508	16725722	0.49	cps
Yttrium	89-2	1490259	1506242	1504087	1500196	0.58	cps
Zinc	66-2	4176482	4178931	4227503	4194305	0.69	cps
Zirconium	90-1	16348927	16601546	16478412	16476295	0.77	cps
Zirconium	91-1	3637687	3651162	3702866	3663905	0.94	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:48:26 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1482213	1466199	1463197	1470536	0.70	cps
Antimony	121-1	17875270	17793118	17815615	17828001	0.24	cps
Arsenic	75-2	441758	438420	443860	441346	0.62	cps
Barium	135-1	21687408	21622136	21649385	21652976	0.15	cps
Barium	137-1	36948380	36942020	37102097	36997499	0.24	cps
Beryllium	9-1	3880855	3882860	3937990	3900569	0.83	cps
Bismuth	209-1	5521157	5823219	5860022	5734799	3.24	cps
Bismuth	209-2	2804497	2830122	2814885	2816501	0.46	cps
Bromine	81-1	29334	29802	29414	29517	0.85	cps
Cadmium	108-1	366617	364742	367811	366390	0.42	cps
Cadmium	106-1	522198	523190	524129	523173	0.18	cps
Cadmium	111-1	4675972	4683062	4746518	4701851	0.83	cps
Calcium	43-1	5621517	5725833	5664666	5670672	0.92	cps
Calcium	44-1	91894022	92968502	91916002	92259509	0.67	cps
Carbon	12-1	5346472	5402107	5425341	5391307	0.75	cps
Carbon	12-2	43073	43009	43003	43028	0.09	cps
Chlorine	35-1	265761	269173	272504	269146	1.25	cps
Chlorine	35-2	1433	1453	1500	1462	2.34	cps
Chromium	52-2	4637902	4605422	4516374	4586566	1.37	cps
Cobalt	59-2	8164300	8176408	8248048	8196252	0.55	cps
Copper	63-2	68405177	68693869	68972146	68690397	0.41	cps
Dysprosium	156-1	373	507	383	421	17.64	cps
Dysprosium	156-2	70	90	77	79	12.91	cps
Erbium	164-1	287	337	360	328	11.43	cps
Erbium	164-2	133	120	97	117	15.91	cps
Gadolinium	160-1	257	333	370	320	18.07	cps
Gadolinium	160-2	97	100	100	99	1.94	cps
Holmium	165-1	9815222	10598976	10397739	10270645	3.96	cps
Holmium	165-2	4237479	4243150	4348013	4276214	1.46	cps
Indium	115-1	8208649	8662127	8743664	8538146	3.38	cps
Indium	115-2	1022355	1023352	1036780	1027496	0.78	cps
Iron	54-2	9538683	9415547	9356245	9436825	0.99	cps
Iron	56-2	172559391	171394377	171405184	171786317	0.39	cps
Iron	57-2	4328044	4320850	4359134	4336009	0.47	cps
Krypton	83-1	433	370	487	430	13.58	cps
Lead	206-1	58456724	59466684	59146251	59023220	0.87	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:48:26 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	50459104	51014678	50433186	50635656	0.65	cps
Lead	208-1	231416747	234901756	232687015	233001839	0.76	cps
Lithium	6-1	3038931	3140856	3170445	3116744	2.21	cps
Magnesium	24-2	25886998	25993529	25800528	25893685	0.37	cps
Manganese	55-2	21838514	21771906	21710212	21773544	0.29	cps
Molybdenum	94-1	64051919	63781362	65315867	64383050	1.27	cps
Molybdenum	95-1	93122455	91849805	93729219	92900493	1.03	cps
Molybdenum	96-1	101773998	100815322	102469552	101686291	0.82	cps
Molybdenum	97-1	57005246	57425586	57272749	57234527	0.37	cps
Molybdenum	98-1	150959574	149633898	149554044	150049172	0.53	cps
Neodymium	150-1	1453	1503	1550	1502	3.22	cps
Neodymium	150-2	93	93	110	99	9.73	cps
Nickel	60-2	2347889	2318285	2359099	2341757	0.90	cps
Phosphorus	31-2	79747	80220	79741	79903	0.34	cps
Potassium	39-2	9368743	9423496	9239495	9343911	1.01	cps
Rhodium	103-1	7816075	8350933	8350064	8172357	3.78	cps
Rhodium	103-2	3699323	3682958	3682800	3688360	0.26	cps
Scandium	45-1	5541198	5914157	5950423	5801926	3.90	cps
Scandium	45-2	148818	152465	149107	150130	1.35	cps
Selenium	82-1	282352	285807	288732	285631	1.12	cps
Selenium	77-2	6692	6158	6251	6367	4.48	cps
Selenium	78-2	22201	21633	21700	21845	1.42	cps
Silicon	28-1	74240337	74029867	73445154	73905119	0.56	cps
Silver	107-1	23476669	23392354	23521560	23463528	0.28	cps
Silver	109-1	22213476	22418399	22240261	22290712	0.50	cps
Sodium	23-2	52291733	52073113	51994616	52119820	0.30	cps
Strontium	86-1	6030508	6063723	5947469	6013900	1.00	cps
Strontium	88-1	52348968	53108688	52147869	52535175	0.96	cps
Sulfur	34-1	2027353	2029649	2051844	2036282	0.66	cps
Terbium	159-1	10104625	10864557	10840549	10603244	4.07	cps
Terbium	159-2	4199140	4156384	4150690	4168738	0.64	cps
Thallium	203-1	14772540	14902384	14982991	14885972	0.71	cps
Thallium	205-1	34960144	35229793	35643925	35277954	0.98	cps
Tin	118-1	14466636	14548947	14452101	14489228	0.36	cps
Titanium	47-1	25755706	25925782	25785425	25822305	0.35	cps
Uranium	238-1	43143630	43333843	43737619	43405031	0.70	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:48:26 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3487707	3458640	3426739	3457696	0.88	cps
Ytterbium	172-1	347	277	373	332	15.03	cps
Ytterbium	172-2	180	177	183	180	1.85	cps
Ytterbium	176-1	73272	72678	73851	73267	0.80	cps
Ytterbium	176-2	28832	29145	28203	28727	1.67	cps
Yttrium	89-1	15528418	16879211	16502886	16303505	4.28	cps
Yttrium	89-2	1491722	1497741	1476419	1488627	0.74	cps
Zinc	66-2	8060392	7997504	8235776	8097891	1.52	cps
Zirconium	90-1	32346708	32891697	32639754	32626053	0.84	cps
Zirconium	91-1	7232736	7202117	7233446	7222766	0.25	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:51:11 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2968381	2980581	2925810	2958258	0.97	cps
Antimony	121-1	34987019	34955107	35358316	35100148	0.64	cps
Arsenic	75-2	874342	864020	862917	867093	0.73	cps
Barium	135-1	42421554	42623176	43018626	42687785	0.71	cps
Barium	137-1	72497381	73246457	73294834	73012891	0.61	cps
Beryllium	9-1	7650947	7668135	7712427	7677170	0.41	cps
Bismuth	209-1	5644073	5506498	5573693	5574755	1.23	cps
Bismuth	209-2	2700224	2757229	2706038	2721164	1.15	cps
Bromine	81-1	29701	30166	29835	29901	0.80	cps
Cadmium	108-1	708920	707348	715882	710717	0.64	cps
Cadmium	106-1	1014753	1011785	1027296	1017945	0.81	cps
Cadmium	111-1	8993803	8984402	8971972	8983392	0.12	cps
Calcium	43-1	11391267	11386294	11333019	11370194	0.28	cps
Calcium	44-1	184930144	184854117	184279931	184688064	0.19	cps
Carbon	12-1	6327187	6473602	6630077	6476955	2.34	cps
Carbon	12-2	53126	54246	54035	53802	1.11	cps
Chlorine	35-1	326837	335049	340768	334218	2.10	cps
Chlorine	35-2	1927	1883	1860	1890	1.79	cps
Chromium	52-2	8978077	8986779	8839034	8934630	0.93	cps
Cobalt	59-2	16157206	16177359	16103720	16146095	0.24	cps
Copper	63-2	133836795	134041231	133224678	133700901	0.32	cps
Dysprosium	156-1	817	960	923	900	8.27	cps
Dysprosium	156-2	140	183	173	166	13.71	cps
Erbium	164-1	540	520	663	574	13.51	cps
Erbium	164-2	223	193	207	208	7.23	cps
Gadolinium	160-1	457	443	550	483	12.03	cps
Gadolinium	160-2	223	183	173	193	13.68	cps
Holmium	165-1	10323356	10484794	10284365	10364172	1.03	cps
Holmium	165-2	4231975	4159732	4280370	4224026	1.44	cps
Indium	115-1	8241871	8195240	8235877	8224329	0.31	cps
Indium	115-2	946410	945451	946138	946000	0.05	cps
Iron	54-2	18378044	18683204	18359836	18473695	0.98	cps
Iron	56-2	334951088	338615322	334745662	336104024	0.65	cps
Iron	57-2	8592941	8508503	8576799	8559414	0.52	cps
Krypton	83-1	503	460	417	460	9.42	cps
Lead	206-1	115724572	116045548	117411438	116393853	0.77	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:51:11 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	98457045	97900199	99666112	98674452	0.91	cps
Lead	208-1	451933807	452839930	460094106	454955948	0.98	cps
Lithium	6-1	3136578	3184207	3164509	3161765	0.76	cps
Magnesium	24-2	51041919	51017549	50953471	51004313	0.09	cps
Manganese	55-2	42669616	43445451	42497429	42870832	1.18	cps
Molybdenum	94-1	125632728	128530518	129545595	127902947	1.59	cps
Molybdenum	95-1	184728204	186902557	186567651	186066137	0.63	cps
Molybdenum	96-1	202080357	203507244	204593524	203393708	0.62	cps
Molybdenum	97-1	111605422	114205088	115255115	113688542	1.65	cps
Molybdenum	98-1	296261676	298129202	301772716	298721198	0.94	cps
Neodymium	150-1	3087	3084	2897	3023	3.60	cps
Neodymium	150-2	170	190	153	171	10.73	cps
Nickel	60-2	4523383	4411807	4463728	4466306	1.25	cps
Phosphorus	31-2	156868	158269	155196	156778	0.98	cps
Potassium	39-2	18780481	18738783	18526309	18681858	0.73	cps
Rhodium	103-1	8113882	8091481	8231226	8145529	0.92	cps
Rhodium	103-2	3566599	3594183	3644277	3601686	1.09	cps
Scandium	45-1	6014477	5975769	6055416	6015221	0.66	cps
Scandium	45-2	155990	156262	155012	155755	0.42	cps
Selenium	82-1	555846	552756	555956	554853	0.33	cps
Selenium	77-2	12549	12903	12285	12579	2.46	cps
Selenium	78-2	41855	42434	41384	41891	1.26	cps
Silicon	28-1	139777921	140125455	139431231	139778202	0.25	cps
Silver	107-1	44747498	45826321	45159358	45244392	1.20	cps
Silver	109-1	42181143	42117813	42181143	42160033	0.09	cps
Sodium	23-2	103702412	103444975	104442865	103863417	0.50	cps
Strontium	86-1	11766080	11961752	11919502	11882445	0.87	cps
Strontium	88-1	101742352	103340735	103733935	102939007	1.02	cps
Sulfur	34-1	3415410	3442228	3436085	3431241	0.41	cps
Terbium	159-1	10607710	10669760	10703069	10660180	0.45	cps
Terbium	159-2	4107934	4157807	4150033	4138592	0.65	cps
Thallium	203-1	29199665	29404662	29192960	29265763	0.41	cps
Thallium	205-1	68848616	69817066	69680072	69448585	0.75	cps
Tin	118-1	28191496	28391683	28376793	28319991	0.39	cps
Titanium	47-1	51597256	52147931	52022986	51922724	0.56	cps
Uranium	238-1	85336085	85293705	85194900	85274897	0.08	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:51:11 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6777420	6880186	6838092	6831899	0.76	cps
Ytterbium	172-1	613	703	803	707	13.45	cps
Ytterbium	172-2	320	293	307	307	4.35	cps
Ytterbium	176-1	143221	144319	145003	144181	0.62	cps
Ytterbium	176-2	57846	57498	57069	57471	0.68	cps
Yttrium	89-1	16068455	16293138	16550419	16304004	1.48	cps
Yttrium	89-2	1402888	1492844	1470830	1455521	3.22	cps
Zinc	66-2	15828644	15648638	15618435	15698572	0.72	cps
Zirconium	90-1	63435464	64783706	65889766	64702978	1.90	cps
Zirconium	91-1	14253568	14679959	14709155	14547561	1.75	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:54:02 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13982132	14388730	14360281	14243715	1.59	cps
Antimony	121-1	15102	14648	13957	14569	3.96	cps
Arsenic	75-2	443	367	413	408	9.47	cps
Barium	135-1	14832	14718	14748	14766	0.40	cps
Barium	137-1	26356	25678	24863	25632	2.92	cps
Beryllium	9-1	377	316	250	315	20.12	cps
Bismuth	209-1	4762122	4594762	4692935	4683273	1.80	cps
Bismuth	209-2	2361286	2320072	2286304	2322554	1.62	cps
Bromine	81-1	29040	28689	28399	28709	1.12	cps
Cadmium	108-1	223	240	307	257	17.18	cps
Cadmium	106-1	6235	6452	6301	6329	1.75	cps
Cadmium	111-1	5541	5488	5370	5466	1.61	cps
Calcium	43-1	49616864	49780381	49976706	49791317	0.36	cps
Calcium	44-1	818769428	813226361	815856228	815950672	0.34	cps
Carbon	12-1	5327062	5231278	5198959	5252433	1.27	cps
Carbon	12-2	56334	55792	57170	56432	1.23	cps
Chlorine	35-1	206041	204019	202465	204175	0.88	cps
Chlorine	35-2	1183	1297	1287	1256	5.00	cps
Chromium	52-2	70603	70750	72640	71331	1.59	cps
Cobalt	59-2	32093	31879	32908	32293	1.68	cps
Copper	63-2	95897	96807	96931	96545	0.58	cps
Dysprosium	156-1	1040	1037	1133	1070	5.13	cps
Dysprosium	156-2	307	403	353	354	13.64	cps
Erbium	164-1	1290	1310	1107	1236	9.07	cps
Erbium	164-2	393	507	540	480	16.02	cps
Gadolinium	160-1	1000	897	1037	978	7.42	cps
Gadolinium	160-2	453	430	393	426	7.11	cps
Holmium	165-1	9386245	9351111	9118761	9285372	1.57	cps
Holmium	165-2	3904473	3944538	3929613	3926208	0.52	cps
Indium	115-1	7687338	7616813	7634949	7646367	0.48	cps
Indium	115-2	988696	990952	999540	993063	0.58	cps
Iron	54-2	82205592	83224857	84206269	83212239	1.20	cps
Iron	56-2	1549287070	1548809310	1541175390	1546423924	0.29	cps
Iron	57-2	38666059	39372296	39371041	39136466	1.04	cps
Krypton	83-1	457	483	533	491	7.93	cps
Lead	206-1	77242	76775	75344	76454	1.29	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:54:02 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	64784	64915	63706	64468	1.03	cps
Lead	208-1	302550	297108	294969	298209	1.31	cps
Lithium	6-1	2803438	2823042	2788226	2804902	0.62	cps
Magnesium	24-2	237344690	237313690	236359723	237006034	0.24	cps
Manganese	55-2	21556	21269	21046	21290	1.20	cps
Molybdenum	94-1	23223	22452	22118	22597	2.51	cps
Molybdenum	95-1	22004	21507	20959	21490	2.43	cps
Molybdenum	96-1	39092	37985	36939	38005	2.83	cps
Molybdenum	97-1	13937	12552	12462	12984	6.37	cps
Molybdenum	98-1	34022	32729	31068	32606	4.54	cps
Neodymium	150-1	543	567	627	579	7.43	cps
Neodymium	150-2	197	190	140	176	17.64	cps
Nickel	60-2	33646	33767	33910	33775	0.39	cps
Phosphorus	31-2	247	193	247	229	13.45	cps
Potassium	39-2	92021085	91463855	92017162	91834034	0.35	cps
Rhodium	103-1	6845472	6996270	6853501	6898414	1.23	cps
Rhodium	103-2	3154075	3132512	3174641	3153743	0.67	cps
Scandium	45-1	5386564	5443868	5424753	5418395	0.54	cps
Scandium	45-2	145616	144098	144861	144858	0.52	cps
Selenium	82-1	373	287	470	377	24.35	cps
Selenium	77-2	13	3	0	6	124.93	cps
Selenium	78-2	57	43	47	49	14.20	cps
Silicon	28-1	962683	913594	1059987	978755	7.61	cps
Silver	107-1	4341	3957	3470	3923	11.12	cps
Silver	109-1	3944	3947	3334	3742	9.44	cps
Sodium	23-2	486023006	488833286	486373286	487076526	0.31	cps
Strontium	86-1	35448	34773	34773	34998	1.11	cps
Strontium	88-1	299443	299170	301312	299975	0.39	cps
Sulfur	34-1	606333	594810	597518	599554	1.00	cps
Terbium	159-1	9695321	9617660	9590987	9634656	0.56	cps
Terbium	159-2	3805847	3846031	3829917	3827265	0.53	cps
Thallium	203-1	2087	1810	1650	1849	11.95	cps
Thallium	205-1	4878	4261	3957	4365	10.74	cps
Tin	118-1	10548	9800	10111	10153	3.70	cps
Titanium	47-1	4037	3797	4014	3949	3.35	cps
Uranium	238-1	3674	3030	2717	3140	15.53	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 11:54:02 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1797	1743	1543	1695	7.88	cps
Ytterbium	172-1	1924	2047	2010	1994	3.18	cps
Ytterbium	172-2	807	843	930	860	7.36	cps
Ytterbium	176-1	2664	2767	2714	2715	1.90	cps
Ytterbium	176-2	957	1057	923	979	7.09	cps
Yttrium	89-1	14915256	14653568	14798153	14788992	0.89	cps
Yttrium	89-2	1380806	1382381	1397300	1386829	0.66	cps
Zinc	66-2	29063	29093	29377	29178	0.59	cps
Zirconium	90-1	28155	27604	26726	27495	2.62	cps
Zirconium	91-1	6225	6175	5998	6133	1.94	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:40:43 DataFile Name : 017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77170	77368	75635	76724	1.24	cps
Antimony	121-1	7329904	7240271	7287060	7285745	0.62	cps
Arsenic	75-2	190243	187530	185157	187643	1.36	cps
Barium	135-1	853632	860718	870295	861548	0.97	cps
Barium	137-1	1557888	1531854	1512582	1534108	1.48	cps
Beryllium	9-1	807378	802644	809141	806388	0.42	cps
Bismuth	209-1	6285840	6469071	6245343	6333418	1.88	cps
Bismuth	209-2	2998753	2995382	2968030	2987388	0.56	cps
Bromine	81-1	30507	31408	31005	30973	1.46	cps
Cadmium	108-1	132816	134146	134769	133910	0.74	cps
Cadmium	106-1	207030	207259	206741	207010	0.13	cps
Cadmium	111-1	1007333	1023791	1023966	1018364	0.94	cps
Calcium	43-1	271247	273953	272598	272599	0.50	cps
Calcium	44-1	4209891	4183348	4226703	4206647	0.52	cps
Carbon	12-1	6250565	6360555	6358367	6323162	0.99	cps
Carbon	12-2	45727	46627	46426	46260	1.02	cps
Chlorine	35-1	241203	246539	248481	245408	1.54	cps
Chlorine	35-2	1390	1407	1447	1415	2.06	cps
Chromium	52-2	982238	972475	968668	974460	0.72	cps
Cobalt	59-2	1828674	1833845	1817134	1826551	0.47	cps
Copper	63-2	1362211	1355574	1360820	1359535	0.26	cps
Dysprosium	156-1	60	40	57	52	20.52	cps
Dysprosium	156-2	20	20	10	17	34.64	cps
Erbium	164-1	97	93	73	88	14.38	cps
Erbium	164-2	47	33	23	34	34.00	cps
Gadolinium	160-1	120	143	113	126	12.55	cps
Gadolinium	160-2	33	50	30	38	28.37	cps
Holmium	165-1	10908114	10837478	10920107	10888566	0.41	cps
Holmium	165-2	4327159	4347164	4324758	4333027	0.28	cps
Indium	115-1	9421270	9361817	9373168	9385418	0.34	cps
Indium	115-2	1093787	1100727	1086905	1093806	0.63	cps
Iron	54-2	801177	798346	800212	799912	0.18	cps
Iron	56-2	14587345	14200479	14469080	14418968	1.37	cps
Iron	57-2	358619	356481	358355	357818	0.33	cps
Krypton	83-1	443	420	353	406	11.52	cps
Lead	206-1	5323072	5283943	5270467	5292494	0.52	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:40:43 DataFile Name : 017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4389148	4371934	4421010	4394031	0.57	cps
Lead	208-1	20391427	20529823	20514651	20478634	0.37	cps
Lithium	6-1	3487382	3486662	3465138	3479728	0.36	cps
Magnesium	24-2	647220	641699	645914	644944	0.45	cps
Manganese	55-2	440431	432240	437131	436601	0.94	cps
Molybdenum	94-1	67041996	66148239	66743787	66644674	0.68	cps
Molybdenum	95-1	96331739	94553279	96829655	95904891	1.25	cps
Molybdenum	96-1	105967832	104598645	104372328	104979602	0.82	cps
Molybdenum	97-1	59103062	59736192	58774534	59204596	0.83	cps
Molybdenum	98-1	154248174	155615084	152598768	154154009	0.98	cps
Neodymium	150-1	87	57	90	78	23.60	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	516462	514548	515110	515373	0.19	cps
Phosphorus	31-2	153	180	193	176	11.60	cps
Potassium	39-2	803664	794106	792362	796711	0.76	cps
Rhodium	103-1	9166132	9377705	9215280	9253039	1.20	cps
Rhodium	103-2	4026608	4073148	3959117	4019624	1.43	cps
Scandium	45-1	6508457	6368040	6387674	6421390	1.18	cps
Scandium	45-2	164708	167524	165996	166076	0.85	cps
Selenium	82-1	120422	122802	122207	121811	1.02	cps
Selenium	77-2	2857	2694	2707	2753	3.30	cps
Selenium	78-2	9560	9183	9657	9467	2.64	cps
Silicon	28-1	10251853	10388728	10324280	10321620	0.66	cps
Silver	107-1	2482933	2488362	2494389	2488561	0.23	cps
Silver	109-1	2343773	2296588	2291579	2310647	1.25	cps
Sodium	23-2	2319122	2278711	2307293	2301708	0.90	cps
Strontium	86-1	6394981	6525584	6407154	6442573	1.12	cps
Strontium	88-1	55925896	56585326	56286146	56265789	0.59	cps
Sulfur	34-1	639495	642824	639223	640514	0.31	cps
Terbium	159-1	11212283	11125265	11263181	11200243	0.62	cps
Terbium	159-2	4262116	4202845	4246386	4237116	0.72	cps
Thallium	203-1	6576111	6507739	6463800	6515883	0.87	cps
Thallium	205-1	15310691	15253827	15351544	15305354	0.32	cps
Tin	118-1	15468550	15204206	15378624	15350460	0.88	cps
Titanium	47-1	26904655	26943964	26964613	26937744	0.11	cps
Uranium	238-1	47565578	48228429	48117613	47970540	0.74	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:40:43 DataFile Name : 017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	706362	706600	707598	706853	0.09	cps
Ytterbium	172-1	307	297	310	304	2.28	cps
Ytterbium	172-2	140	147	193	160	18.16	cps
Ytterbium	176-1	71586	72625	73372	72527	1.24	cps
Ytterbium	176-2	28488	28380	29196	28688	1.54	cps
Yttrium	89-1	17876097	17669095	17710607	17751933	0.62	cps
Yttrium	89-2	1632866	1618149	1575071	1608695	1.87	cps
Zinc	66-2	348582	345919	342951	345817	0.81	cps
Zirconium	90-1	34011974	33197750	34343067	33850930	1.74	cps
Zirconium	91-1	7540693	7374467	7579730	7498297	1.45	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:44:45 DataFile Name : 018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3967	4147	4317	4144	4.22	cps
Antimony	121-1	70990	71529	69646	70722	1.37	cps
Arsenic	75-2	943	993	877	938	6.24	cps
Barium	135-1	84125	83237	83250	83538	0.61	cps
Barium	137-1	143198	144523	143623	143781	0.47	cps
Beryllium	9-1	9276	8919	9037	9078	2.00	cps
Bismuth	209-1	6394645	6240712	6303997	6313118	1.23	cps
Bismuth	209-2	3004824	3020810	2961833	2995822	1.02	cps
Bromine	81-1	31345	31519	32290	31718	1.59	cps
Cadmium	108-1	717	747	710	724	2.70	cps
Cadmium	106-1	8186	7652	7515	7784	4.55	cps
Cadmium	111-1	14341	14067	14281	14230	1.01	cps
Calcium	43-1	66345	67189	67220	66918	0.74	cps
Calcium	44-1	1098109	1102774	1100418	1100434	0.21	cps
Carbon	12-1	5206235	5081097	4986130	5091154	2.17	cps
Carbon	12-2	36462	36114	36499	36358	0.58	cps
Chlorine	35-1	211228	215251	217144	214541	1.41	cps
Chlorine	35-2	1213	1243	1143	1200	4.28	cps
Chromium	52-2	34331	34238	33199	33922	1.85	cps
Cobalt	59-2	18068	18055	17444	17856	2.00	cps
Copper	63-2	31251	30867	30199	30772	1.73	cps
Dysprosium	156-1	17	20	17	18	10.81	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	70	83	83	79	9.76	cps
Erbium	164-2	43	13	10	22	82.62	cps
Gadolinium	160-1	110	130	140	127	12.06	cps
Gadolinium	160-2	23	50	33	36	37.90	cps
Holmium	165-1	10656297	10573282	10821242	10683607	1.18	cps
Holmium	165-2	4316113	4265870	4321544	4301176	0.71	cps
Indium	115-1	9676140	9622596	9714005	9670914	0.47	cps
Indium	115-2	1160768	1155456	1164049	1160091	0.37	cps
Iron	54-2	24578	23974	23533	24028	2.18	cps
Iron	56-2	416570	419662	438588	424940	2.81	cps
Iron	57-2	10317	10697	9813	10276	4.32	cps
Krypton	83-1	417	420	440	426	2.97	cps
Lead	206-1	25675	25876	25422	25658	0.89	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:44:45 DataFile Name : 018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22506	22723	21705	22312	2.40	cps
Lead	208-1	102780	101293	101310	101794	0.84	cps
Lithium	6-1	3447881	3567647	3567219	3527582	1.96	cps
Magnesium	24-2	284276	284347	280408	283011	0.80	cps
Manganese	55-2	6211	6425	6458	6365	2.10	cps
Molybdenum	94-1	76710	75738	75125	75857	1.05	cps
Molybdenum	95-1	92240	92435	91633	92103	0.45	cps
Molybdenum	96-1	102024	104217	103065	103102	1.06	cps
Molybdenum	97-1	58700	57850	57465	58005	1.09	cps
Molybdenum	98-1	150246	148805	149121	149391	0.51	cps
Neodymium	150-1	40	23	17	27	45.07	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	8843	8576	8789	8736	1.62	cps
Phosphorus	31-2	667	600	500	589	14.25	cps
Potassium	39-2	222769	224400	222549	223239	0.45	cps
Rhodium	103-1	9267713	9249274	9201429	9239472	0.37	cps
Rhodium	103-2	4035412	4073638	4031071	4046707	0.58	cps
Scandium	45-1	6558785	6426775	6393288	6459616	1.35	cps
Scandium	45-2	161954	163603	160333	161963	1.01	cps
Selenium	82-1	3027	3000	2810	2946	4.01	cps
Selenium	77-2	60	53	57	57	5.89	cps
Selenium	78-2	290	237	240	256	11.69	cps
Silicon	28-1	815411	804624	791029	803688	1.52	cps
Silver	107-1	44642	44659	45234	44845	0.75	cps
Silver	109-1	41937	42910	43060	42636	1.43	cps
Sodium	23-2	643135	639046	625715	635965	1.43	cps
Strontium	86-1	13533	13784	13210	13509	2.13	cps
Strontium	88-1	115520	114914	114592	115009	0.41	cps
Sulfur	34-1	686544	696942	699521	694335	0.99	cps
Terbium	159-1	11247442	11376944	11208530	11277639	0.78	cps
Terbium	159-2	4244068	4289233	4249269	4260857	0.58	cps
Thallium	203-1	28812	30048	29353	29404	2.11	cps
Thallium	205-1	69482	69364	69089	69312	0.29	cps
Tin	118-1	149394	149577	149294	149421	0.10	cps
Titanium	47-1	28221	27370	27924	27838	1.55	cps
Uranium	238-1	84898	84528	85177	84868	0.38	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:44:45 DataFile Name : 018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	35280	36172	34779	35410	1.99	cps
Ytterbium	172-1	67	70	93	77	18.95	cps
Ytterbium	172-2	40	17	30	29	40.51	cps
Ytterbium	176-1	1503	1660	1710	1625	6.64	cps
Ytterbium	176-2	453	457	540	483	10.16	cps
Yttrium	89-1	17803648	17542634	17436731	17594338	1.07	cps
Yttrium	89-2	1573061	1594219	1580620	1582633	0.68	cps
Zinc	66-2	13036	13420	13183	13213	1.46	cps
Zirconium	90-1	64655	65225	63949	64610	0.99	cps
Zirconium	91-1	14087	14127	14237	14151	0.55	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:48:18 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	780	693	640	704	10.03	cps
Antimony	121-1	430	417	493	447	9.17	cps
Arsenic	75-2	17	20	17	18	10.81	cps
Barium	135-1	180	230	143	184	23.58	cps
Barium	137-1	337	343	313	331	4.76	cps
Beryllium	9-1	155	141	127	141	9.79	cps
Bismuth	209-1	6320434	6264712	6280133	6288426	0.46	cps
Bismuth	209-2	3000704	2978075	2911234	2963338	1.57	cps
Bromine	81-1	31542	32047	31338	31642	1.15	cps
Cadmium	108-1	33	13	13	20	57.74	cps
Cadmium	106-1	6348	6358	6685	6464	2.97	cps
Cadmium	111-1	4480	4481	4717	4560	2.99	cps
Calcium	43-1	4414	4537	4564	4505	1.78	cps
Calcium	44-1	94910	95450	95470	95277	0.33	cps
Carbon	12-1	4906625	4863601	4775688	4848638	1.38	cps
Carbon	12-2	34056	34420	33836	34104	0.87	cps
Chlorine	35-1	203830	204443	206152	204809	0.59	cps
Chlorine	35-2	1157	1200	1193	1183	1.97	cps
Chromium	52-2	15575	15912	14874	15454	3.43	cps
Cobalt	59-2	327	343	343	338	2.85	cps
Copper	63-2	4154	4071	4117	4114	1.02	cps
Dysprosium	156-1	13	13	27	18	43.33	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	87	47	93	76	33.40	cps
Erbium	164-2	7	33	23	21	63.80	cps
Gadolinium	160-1	113	177	150	147	21.68	cps
Gadolinium	160-2	23	20	27	23	14.29	cps
Holmium	165-1	10689466	10638610	10511480	10613185	0.86	cps
Holmium	165-2	4281146	4340810	4247085	4289680	1.11	cps
Indium	115-1	9753989	9433079	9581590	9589553	1.67	cps
Indium	115-2	1159565	1158034	1149255	1155618	0.48	cps
Iron	54-2	4214	4134	4141	4163	1.07	cps
Iron	56-2	62704	61358	73153	65738	9.82	cps
Iron	57-2	1563	1403	1617	1528	7.27	cps
Krypton	83-1	430	363	397	397	8.40	cps
Lead	206-1	2427	2377	2354	2386	1.57	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:48:18 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1990	2044	2124	2052	3.27	cps
Lead	208-1	9401	9768	9395	9521	2.24	cps
Lithium	6-1	3486193	3540290	3488008	3504830	0.88	cps
Magnesium	24-2	1217	1137	1280	1211	5.93	cps
Manganese	55-2	1783	1880	1937	1867	4.15	cps
Molybdenum	94-1	1310	1263	1077	1217	10.15	cps
Molybdenum	95-1	1450	1320	1243	1338	7.81	cps
Molybdenum	96-1	1750	1523	1430	1568	10.50	cps
Molybdenum	97-1	953	870	823	882	7.47	cps
Molybdenum	98-1	2234	2130	2104	2156	3.19	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4154	4151	4227	4177	1.04	cps
Phosphorus	31-2	237	223	240	233	3.78	cps
Potassium	39-2	30065	29918	30258	30080	0.57	cps
Rhodium	103-1	9258085	8985616	9052404	9098701	1.56	cps
Rhodium	103-2	4032471	4091316	3975640	4033142	1.43	cps
Scandium	45-1	6480219	6374945	6326104	6393756	1.23	cps
Scandium	45-2	161711	160862	160768	161114	0.32	cps
Selenium	82-1	13	63	-23	18	244.76	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	30	37	57	41	33.76	cps
Silicon	28-1	626238	616979	617132	620116	0.86	cps
Silver	107-1	557	517	490	521	6.44	cps
Silver	109-1	493	470	430	464	6.90	cps
Sodium	23-2	84311	81717	82709	82912	1.58	cps
Strontium	86-1	890	910	953	918	3.53	cps
Strontium	88-1	2637	2604	2720	2654	2.27	cps
Sulfur	34-1	686592	691655	692927	690391	0.49	cps
Terbium	159-1	11019844	11089944	11102382	11070723	0.40	cps
Terbium	159-2	4260291	4212462	4181695	4218149	0.94	cps
Thallium	203-1	717	627	590	644	10.11	cps
Thallium	205-1	1460	1453	1407	1440	2.02	cps
Tin	118-1	5221	5298	5141	5220	1.50	cps
Titanium	47-1	623	563	523	570	8.83	cps
Uranium	238-1	440	420	427	429	2.37	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:48:18 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63	57	80	67	18.03	cps
Ytterbium	172-1	67	80	67	71	10.82	cps
Ytterbium	172-2	57	27	13	32	68.89	cps
Ytterbium	176-1	1443	1647	1563	1551	6.59	cps
Ytterbium	176-2	390	430	333	384	12.63	cps
Yttrium	89-1	17222986	17347786	17232411	17267728	0.40	cps
Yttrium	89-2	1579261	1581726	1568100	1576363	0.46	cps
Zinc	66-2	4764	4611	4581	4652	2.11	cps
Zirconium	90-1	1413	1490	1373	1426	4.16	cps
Zirconium	91-1	300	277	320	299	7.26	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:57:28 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15421425	15652681	14834078	15302728	2.76	cps
Antimony	121-1	43623	43981	43335	43646	0.74	cps
Arsenic	75-2	337	413	337	362	12.22	cps
Barium	135-1	11949	12643	11999	12197	3.17	cps
Barium	137-1	21230	21000	20966	21065	0.68	cps
Beryllium	9-1	-2851	-2998	-2911	-2920	-2.53	cps
Bismuth	209-1	5514531	5501788	5424880	5480400	0.89	cps
Bismuth	209-2	2653251	2668212	2592737	2638067	1.51	cps
Bromine	81-1	36050	35077	34970	35366	1.68	cps
Cadmium	108-1	10174	10141	10598	10304	2.47	cps
Cadmium	106-1	6325	6151	6008	6161	2.57	cps
Cadmium	111-1	10035	9226	9223	9495	4.93	cps
Calcium	43-1	12033783	12068061	11831940	11977928	1.07	cps
Calcium	44-1	195485857	195311604	193239457	194678973	0.64	cps
Carbon	12-1	78113301	79163829	79899535	79058888	1.14	cps
Carbon	12-2	591345	590981	581409	587911	0.96	cps
Chlorine	35-1	179307504	184332304	187615597	183751802	2.28	cps
Chlorine	35-2	1078671	1081227	1079116	1079671	0.13	cps
Chromium	52-2	201900	201510	199017	200809	0.78	cps
Cobalt	59-2	20378	20154	20365	20299	0.62	cps
Copper	63-2	103846	101778	100945	102190	1.46	cps
Dysprosium	156-1	127	157	147	143	10.66	cps
Dysprosium	156-2	53	43	63	53	18.75	cps
Erbium	164-1	183	203	173	187	8.18	cps
Erbium	164-2	63	87	50	67	27.84	cps
Gadolinium	160-1	237	200	190	209	11.76	cps
Gadolinium	160-2	77	77	77	77	0.00	cps
Holmium	165-1	10236485	10209872	10239901	10228752	0.16	cps
Holmium	165-2	4218842	4115197	4135664	4156568	1.32	cps
Indium	115-1	9154386	8796578	9080068	9010344	2.10	cps
Indium	115-2	1086622	1086211	1083282	1085371	0.17	cps
Iron	54-2	39123718	39441728	38719775	39095074	0.93	cps
Iron	56-2	718787803	725562336	715897963	720082700	0.69	cps
Iron	57-2	18327273	18075361	17948617	18117084	1.06	cps
Krypton	83-1	450	517	420	462	10.70	cps
Lead	206-1	105921	105209	104689	105273	0.59	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:57:28 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	84490	83661	82269	83473	1.34	cps
Lead	208-1	398772	394447	391892	395037	0.88	cps
Lithium	6-1	3392167	3438168	3468237	3432857	1.12	cps
Magnesium	24-2	55455034	55247081	53915509	54872541	1.52	cps
Manganese	55-2	33706	33192	32277	33058	2.19	cps
Molybdenum	94-1	20993551	20721998	20823984	20846511	0.66	cps
Molybdenum	95-1	36766993	36564409	36556475	36629292	0.33	cps
Molybdenum	96-1	39186039	39191519	39366869	39248142	0.26	cps
Molybdenum	97-1	22575993	22673261	22605816	22618356	0.22	cps
Molybdenum	98-1	59579414	58751182	59390846	59240481	0.73	cps
Neodymium	150-1	160	120	153	144	14.84	cps
Neodymium	150-2	70	50	63	61	16.66	cps
Nickel	60-2	29227	30018	29440	29562	1.39	cps
Phosphorus	31-2	927704	933501	902076	921094	1.82	cps
Potassium	39-2	42271924	42201624	42275428	42249658	0.10	cps
Rhodium	103-1	8192957	8223492	8131557	8182669	0.57	cps
Rhodium	103-2	3660764	3640198	3641178	3647380	0.32	cps
Scandium	45-1	6476640	6485636	6473103	6478460	0.10	cps
Scandium	45-2	163228	164969	164831	164343	0.59	cps
Selenium	82-1	27	-3	97	40	128.28	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	40	40	47	42	9.12	cps
Silicon	28-1	1068614	1059840	1044527	1057660	1.15	cps
Silver	107-1	1563	1903	2394	1953	21.36	cps
Silver	109-1	1577	1870	1994	1813	11.80	cps
Sodium	23-2	121563768	119190288	119295102	120016386	1.12	cps
Strontium	86-1	405754	404556	404142	404817	0.21	cps
Strontium	88-1	3681410	3745390	3729053	3718617	0.89	cps
Sulfur	34-1	16072216	16086759	15995713	16051563	0.30	cps
Terbium	159-1	10719316	10499714	10683396	10634142	1.11	cps
Terbium	159-2	4103445	4020615	4076181	4066747	1.04	cps
Thallium	203-1	1857	2360	2644	2287	17.43	cps
Thallium	205-1	4524	5351	6335	5403	16.78	cps
Tin	118-1	9226	8553	8780	8853	3.87	cps
Titanium	47-1	11404029	11566481	11402982	11457830	0.82	cps
Uranium	238-1	1894	1947	1890	1910	1.66	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 12:57:28 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1157	1113	1130	1133	1.93	cps
Ytterbium	172-1	63	97	113	91	27.94	cps
Ytterbium	172-2	60	33	33	42	36.47	cps
Ytterbium	176-1	1260	1383	1477	1373	7.91	cps
Ytterbium	176-2	327	380	403	370	10.62	cps
Yttrium	89-1	16882648	17252641	17131771	17089020	1.10	cps
Yttrium	89-2	1553479	1586229	1574667	1571458	1.06	cps
Zinc	66-2	24652	24475	23463	24196	2.65	cps
Zirconium	90-1	2707	3054	3354	3038	10.65	cps
Zirconium	91-1	603	660	763	676	12.01	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:04:20 DataFile Name : 023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16563554	16276236	16112529	16317439	1.40	cps
Antimony	121-1	758796	763448	770405	764216	0.76	cps
Arsenic	75-2	20695	20508	20291	20498	0.99	cps
Barium	135-1	181981	185444	183931	183785	0.94	cps
Barium	137-1	321937	319233	318407	319859	0.58	cps
Beryllium	9-1	182500	182148	182568	182405	0.12	cps
Bismuth	209-1	5622398	5592358	5579361	5598039	0.39	cps
Bismuth	209-2	2656878	2645091	2615346	2639105	0.81	cps
Bromine	81-1	36601	37196	36952	36916	0.81	cps
Cadmium	108-1	26819	26896	26592	26769	0.59	cps
Cadmium	106-1	33247	33290	33547	33361	0.49	cps
Cadmium	111-1	197630	195669	196846	196715	0.50	cps
Calcium	43-1	12811833	12440611	12519686	12590710	1.55	cps
Calcium	44-1	206081570	203281237	203771937	204378248	0.73	cps
Carbon	12-1	81640409	83973122	84204577	83272703	1.70	cps
Carbon	12-2	628136	629801	615112	624349	1.29	cps
Chlorine	35-1	184897524	190804304	192999724	189567184	2.21	cps
Chlorine	35-2	1138926	1145447	1185445	1156606	2.18	cps
Chromium	52-2	420873	414359	408673	414635	1.47	cps
Cobalt	59-2	378630	382228	376807	379222	0.73	cps
Copper	63-2	377000	380787	372041	376610	1.16	cps
Dysprosium	156-1	117	173	123	138	22.48	cps
Dysprosium	156-2	40	57	57	51	18.83	cps
Erbium	164-1	177	143	187	169	13.43	cps
Erbium	164-2	93	50	50	64	38.82	cps
Gadolinium	160-1	180	263	233	226	18.71	cps
Gadolinium	160-2	133	67	93	98	34.32	cps
Holmium	165-1	10438897	10387417	10396673	10407662	0.26	cps
Holmium	165-2	4174750	4188567	4128497	4163938	0.76	cps
Indium	115-1	9016874	8940892	9064452	9007406	0.69	cps
Indium	115-2	1098797	1088309	1096300	1094469	0.50	cps
Iron	54-2	40686565	41120514	40126018	40644366	1.23	cps
Iron	56-2	752524522	755225349	741955669	749901847	0.94	cps
Iron	57-2	18912927	19159657	18786520	18953035	1.00	cps
Krypton	83-1	457	453	500	470	5.54	cps
Lead	206-1	564313	570201	568349	567621	0.53	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:04:20 DataFile Name : 023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	463163	470412	463948	465841	0.85	cps
Lead	208-1	2156390	2187114	2164097	2169200	0.74	cps
Lithium	6-1	3524431	3469583	3494028	3496014	0.79	cps
Magnesium	24-2	58522411	58825881	58165354	58504549	0.57	cps
Manganese	55-2	121824	123926	120476	122075	1.42	cps
Molybdenum	94-1	23092441	22964640	22868121	22975067	0.49	cps
Molybdenum	95-1	38445467	38912164	38196560	38518064	0.94	cps
Molybdenum	96-1	41434515	41652279	41380941	41489245	0.35	cps
Molybdenum	97-1	23379995	23518836	23700598	23533143	0.68	cps
Molybdenum	98-1	61176954	61603307	62649822	61810028	1.23	cps
Neodymium	150-1	190	150	210	183	16.66	cps
Neodymium	150-2	57	43	47	49	14.20	cps
Nickel	60-2	127108	126735	126237	126693	0.34	cps
Phosphorus	31-2	987838	981125	966705	978556	1.10	cps
Potassium	39-2	44700551	45174204	45308031	45060929	0.71	cps
Rhodium	103-1	8283363	8249665	8397457	8310161	0.93	cps
Rhodium	103-2	3719364	3684533	3667730	3690542	0.71	cps
Scandium	45-1	6601549	6629169	6572188	6600969	0.43	cps
Scandium	45-2	171943	172297	173966	172735	0.63	cps
Selenium	82-1	12873	12766	12266	12635	2.57	cps
Selenium	77-2	277	323	313	304	8.07	cps
Selenium	78-2	1010	950	1037	999	4.44	cps
Silicon	28-1	2110728	2115392	2126404	2117508	0.38	cps
Silver	107-1	876264	878394	875404	876687	0.18	cps
Silver	109-1	825371	823650	819713	822912	0.35	cps
Sodium	23-2	127605091	128408221	126684045	127565786	0.68	cps
Strontium	86-1	1002189	1006304	1003475	1003989	0.21	cps
Strontium	88-1	9023506	8935012	9087804	9015440	0.85	cps
Sulfur	34-1	16628441	16445170	16603536	16559049	0.60	cps
Terbium	159-1	10804647	10863759	10812571	10826992	0.30	cps
Terbium	159-2	4107916	4121712	4080306	4103311	0.51	cps
Thallium	203-1	568700	572742	565677	569039	0.62	cps
Thallium	205-1	1363982	1362379	1363963	1363441	0.07	cps
Tin	118-1	1346414	1373680	1353720	1357938	1.04	cps
Titanium	47-1	11974000	11953633	12021674	11983102	0.29	cps
Uranium	238-1	4006952	4023629	4084679	4038420	1.01	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:04:20 DataFile Name : 023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	157239	158029	156121	157130	0.61	cps
Ytterbium	172-1	90	130	110	110	18.18	cps
Ytterbium	172-2	40	50	33	41	20.41	cps
Ytterbium	176-1	7976	8253	8183	8137	1.77	cps
Ytterbium	176-2	2897	2944	2880	2907	1.13	cps
Yttrium	89-1	17389956	17298478	17347556	17345330	0.26	cps
Yttrium	89-2	1637624	1650086	1616855	1634855	1.03	cps
Zinc	66-2	61513	62192	61529	61745	0.63	cps
Zirconium	90-1	3282322	3243004	3263555	3262961	0.60	cps
Zirconium	91-1	696717	686184	689531	690810	0.78	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:07:30 DataFile Name : 024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8875983	8996823	8874907	8915904	0.79	cps
Antimony	121-1	17289650	17171531	17292031	17251071	0.40	cps
Arsenic	75-2	482192	482965	486540	483899	0.48	cps
Barium	135-1	20620866	20964685	21020312	20868621	1.04	cps
Barium	137-1	35182290	35912125	36110125	35734847	1.37	cps
Beryllium	9-1	4222795	4309615	4312112	4281507	1.19	cps
Bismuth	209-1	5081618	5085390	5117893	5094967	0.39	cps
Bismuth	209-2	2488247	2498221	2451989	2479486	0.98	cps
Bromine	81-1	34837	34633	34743	34737	0.29	cps
Cadmium	108-1	342270	343800	345089	343719	0.41	cps
Cadmium	106-1	492795	499138	499785	497239	0.78	cps
Cadmium	111-1	4298068	4417376	4399468	4371637	1.47	cps
Calcium	43-1	30240121	30323972	30381604	30315232	0.23	cps
Calcium	44-1	487059393	499218273	493885526	493387730	1.24	cps
Carbon	12-1	7391438	7322671	7148174	7287428	1.72	cps
Carbon	12-2	64654	64387	64163	64401	0.38	cps
Chlorine	35-1	7895844	7288833	6743726	7309468	7.88	cps
Chlorine	35-2	34628	33773	31464	33288	4.92	cps
Chromium	52-2	5160674	5142071	5088891	5130545	0.73	cps
Cobalt	59-2	8654763	8763157	8637287	8685069	0.79	cps
Copper	63-2	68857131	70314292	69024569	69398664	1.15	cps
Dysprosium	156-1	950	940	890	927	3.47	cps
Dysprosium	156-2	220	233	293	249	15.70	cps
Erbium	164-1	780	807	840	809	3.72	cps
Erbium	164-2	277	307	353	312	12.37	cps
Gadolinium	160-1	653	610	747	670	10.42	cps
Gadolinium	160-2	237	300	293	277	12.58	cps
Holmium	165-1	9729232	9816415	9843689	9796445	0.61	cps
Holmium	165-2	4027106	4067153	4163408	4085889	1.71	cps
Indium	115-1	8102302	8240366	8191633	8178100	0.86	cps
Indium	115-2	1002579	1009980	1010890	1007816	0.45	cps
Iron	54-2	49876096	50007388	50041259	49974914	0.17	cps
Iron	56-2	917787720	916336466	926680120	920268102	0.61	cps
Iron	57-2	22803835	22907485	22846656	22852659	0.23	cps
Krypton	83-1	507	537	540	528	3.48	cps
Lead	206-1	54037638	53764343	53906739	53902906	0.25	cps

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Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:07:30 DataFile Name : 024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	46056161	46280576	45503363	45946700	0.87	cps
Lead	208-1	211247837	213310243	210531300	211696460	0.68	cps
Lithium	6-1	3205272	3240172	3285829	3243758	1.25	cps
Magnesium	24-2	149999081	146370581	152327114	149565592	2.01	cps
Manganese	55-2	24085666	24305365	24182401	24191144	0.46	cps
Molybdenum	94-1	64860956	64751554	64943716	64852075	0.15	cps
Molybdenum	95-1	92127262	93897215	93482849	93169109	0.99	cps
Molybdenum	96-1	101503348	102329112	102265938	102032800	0.45	cps
Molybdenum	97-1	57023102	57725044	57287974	57345374	0.62	cps
Molybdenum	98-1	148629211	151284364	148674834	149529470	1.02	cps
Neodymium	150-1	1827	1623	1817	1756	6.53	cps
Neodymium	150-2	193	147	183	174	14.09	cps
Nickel	60-2	2365206	2417647	2455658	2412837	1.88	cps
Phosphorus	31-2	93948	95944	95733	95209	1.15	cps
Potassium	39-2	55890651	56264081	57273064	56475932	1.27	cps
Rhodium	103-1	7686044	7629267	7684342	7666551	0.42	cps
Rhodium	103-2	3476390	3423514	3504202	3468035	1.18	cps
Scandium	45-1	6293263	6319143	6415561	6342655	1.02	cps
Scandium	45-2	170360	170823	171311	170831	0.28	cps
Selenium	82-1	279544	279728	279371	279548	0.06	cps
Selenium	77-2	6805	6725	6798	6776	0.66	cps
Selenium	78-2	23466	23396	23253	23372	0.47	cps
Silicon	28-1	75461624	75063501	74177356	74900827	0.88	cps
Silver	107-1	21376661	21648838	21995479	21673659	1.43	cps
Silver	109-1	20021365	20583873	20450967	20352068	1.44	cps
Sodium	23-2	307085349	307795202	312439275	309106609	0.94	cps
Strontium	86-1	6108996	6075100	6157872	6113989	0.68	cps
Strontium	88-1	53021186	53436551	53488801	53315513	0.48	cps
Sulfur	34-1	2362949	2369423	2375939	2369437	0.27	cps
Terbium	159-1	10037680	10064752	10032386	10044939	0.17	cps
Terbium	159-2	3907200	3968551	4076601	3984117	2.15	cps
Thallium	203-1	13583971	13609401	13700368	13631247	0.45	cps
Thallium	205-1	31980295	31703485	32069957	31917912	0.60	cps
Tin	118-1	13888115	13930761	13974402	13931093	0.31	cps
Titanium	47-1	27983831	27554784	28464403	28001006	1.63	cps
Uranium	238-1	40119966	40727975	40771607	40539849	0.90	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:07:30 DataFile Name : 024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3951534	3923357	3964799	3946563	0.54	cps
Ytterbium	172-1	1030	1183	1153	1122	7.24	cps
Ytterbium	172-2	570	537	543	550	3.21	cps
Ytterbium	176-1	69787	69917	70540	70081	0.57	cps
Ytterbium	176-2	28003	27906	28387	28099	0.91	cps
Yttrium	89-1	16517327	16517854	16380685	16471955	0.48	cps
Yttrium	89-2	1586498	1589038	1572645	1582727	0.56	cps
Zinc	66-2	9520817	9578497	9552658	9550657	0.30	cps
Zirconium	90-1	32822355	33332382	33487934	33214224	1.05	cps
Zirconium	91-1	7257602	7441617	7380316	7359845	1.27	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:17:26 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	390	360	423	391	8.10	cps
Antimony	121-1	573	597	600	590	2.46	cps
Arsenic	75-2	13	13	10	12	15.73	cps
Barium	135-1	253	210	243	236	9.63	cps
Barium	137-1	377	317	393	362	11.13	cps
Beryllium	9-1	135	158	119	137	14.23	cps
Bismuth	209-1	6386514	6546018	6426502	6453012	1.29	cps
Bismuth	209-2	3077204	3111679	3033504	3074129	1.27	cps
Bromine	81-1	32869	34195	34235	33766	2.30	cps
Cadmium	108-1	33	27	17	26	32.81	cps
Cadmium	106-1	6982	7309	6738	7010	4.08	cps
Cadmium	111-1	4967	5177	4762	4969	4.18	cps
Calcium	43-1	4144	4084	4177	4135	1.14	cps
Calcium	44-1	91294	91938	90972	91401	0.54	cps
Carbon	12-1	5272154	5015335	5000881	5096123	2.99	cps
Carbon	12-2	36145	35402	35272	35606	1.32	cps
Chlorine	35-1	1120630	1094443	1072936	1096003	2.18	cps
Chlorine	35-2	5955	5861	5728	5848	1.95	cps
Chromium	52-2	13400	14007	13403	13603	2.57	cps
Cobalt	59-2	283	240	313	279	13.22	cps
Copper	63-2	3951	3517	3691	3719	5.87	cps
Dysprosium	156-1	20	20	10	17	34.64	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	70	87	57	71	21.14	cps
Erbium	164-2	17	17	23	19	20.36	cps
Gadolinium	160-1	130	97	87	104	21.72	cps
Gadolinium	160-2	17	37	27	27	37.50	cps
Holmium	165-1	10972689	10905909	10838286	10905628	0.62	cps
Holmium	165-2	4574383	4400695	4469538	4481539	1.95	cps
Indium	115-1	10271167	10143810	10043503	10152827	1.12	cps
Indium	115-2	1252379	1248273	1242143	1247598	0.41	cps
Iron	54-2	3961	4121	4061	4047	2.00	cps
Iron	56-2	61271	60163	58938	60124	1.94	cps
Iron	57-2	1577	1550	1463	1530	3.87	cps
Krypton	83-1	453	433	450	446	2.40	cps
Lead	206-1	2360	2474	2617	2484	5.18	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2204	2067	2147	2139	3.21	cps
Lead	208-1	9802	9885	9895	9860	0.52	cps
Lithium	6-1	3929949	3850310	3904366	3894875	1.04	cps
Magnesium	24-2	1007	1020	1070	1032	3.23	cps
Manganese	55-2	1767	1880	1963	1870	5.28	cps
Molybdenum	94-1	1253	1090	1070	1138	8.84	cps
Molybdenum	95-1	1097	1033	1050	1060	3.10	cps
Molybdenum	96-1	1347	1163	1183	1231	8.17	cps
Molybdenum	97-1	657	747	637	680	8.62	cps
Molybdenum	98-1	1673	1617	1760	1683	4.29	cps
Neodymium	150-1	27	7	10	14	74.18	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	3604	3447	3570	3540	2.33	cps
Phosphorus	31-2	223	203	217	214	4.75	cps
Potassium	39-2	39935	39541	39584	39687	0.54	cps
Rhodium	103-1	9711313	9859157	9597289	9722586	1.35	cps
Rhodium	103-2	4374196	4318555	4383665	4358805	0.81	cps
Scandium	45-1	7113212	7295215	7226879	7211769	1.27	cps
Scandium	45-2	185011	183171	184991	184391	0.57	cps
Selenium	82-1	-47	-10	-13	-23	-86.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	7	37	24	64.43	cps
Silicon	28-1	644551	648149	658978	650559	1.15	cps
Silver	107-1	627	523	497	549	12.51	cps
Silver	109-1	500	480	417	466	9.34	cps
Sodium	23-2	116927	114119	115257	115434	1.22	cps
Strontium	86-1	897	830	967	898	7.61	cps
Strontium	88-1	1787	1613	1663	1688	5.29	cps
Sulfur	34-1	813624	823282	822175	819694	0.64	cps
Terbium	159-1	11463581	11559121	11446609	11489771	0.53	cps
Terbium	159-2	4402338	4452960	4428598	4427965	0.57	cps
Thallium	203-1	930	947	920	932	1.45	cps
Thallium	205-1	2280	2184	2080	2181	4.59	cps
Tin	118-1	4898	4587	4744	4743	3.27	cps
Titanium	47-1	710	570	687	656	11.44	cps
Uranium	238-1	320	247	283	283	12.94	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:17:26 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	70	43	67	60	24.22	cps
Ytterbium	172-1	57	60	80	66	19.25	cps
Ytterbium	172-2	20	40	27	29	35.25	cps
Ytterbium	176-1	1560	1507	1467	1511	3.10	cps
Ytterbium	176-2	323	377	427	376	13.76	cps
Yttrium	89-1	18636146	18755634	18291796	18561192	1.30	cps
Yttrium	89-2	1760475	1744755	1747861	1751030	0.48	cps
Zinc	66-2	3997	3734	3797	3843	3.58	cps
Zirconium	90-1	1473	1410	1253	1379	8.21	cps
Zirconium	91-1	317	243	297	286	13.27	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:20:50 DataFile Name : 027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4781	4874	4908	4854	1.35	cps
Antimony	121-1	73157	73597	73104	73286	0.37	cps
Arsenic	75-2	1037	1127	1097	1087	4.22	cps
Barium	135-1	85454	85910	85313	85559	0.36	cps
Barium	137-1	147898	149130	149105	148711	0.47	cps
Beryllium	9-1	9534	9844	9699	9692	1.60	cps
Bismuth	209-1	6544689	6417532	6525144	6495788	1.05	cps
Bismuth	209-2	3077362	3067112	3064352	3069608	0.22	cps
Bromine	81-1	34279	34720	35408	34802	1.64	cps
Cadmium	108-1	743	753	663	720	6.85	cps
Cadmium	106-1	8006	8286	8009	8100	1.99	cps
Cadmium	111-1	14827	14900	14639	14789	0.91	cps
Calcium	43-1	73386	73316	74180	73627	0.65	cps
Calcium	44-1	1253720	1271431	1257192	1260781	0.74	cps
Carbon	12-1	5763424	5589489	5614986	5655966	1.66	cps
Carbon	12-2	40843	39252	39817	39971	2.02	cps
Chlorine	35-1	946326	931034	923019	933460	1.27	cps
Chlorine	35-2	5244	5091	5114	5150	1.60	cps
Chromium	52-2	37212	37222	37202	37212	0.03	cps
Cobalt	59-2	20101	19464	19747	19770	1.62	cps
Copper	63-2	33804	33546	33660	33670	0.38	cps
Dysprosium	156-1	47	10	37	31	60.93	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	77	90	73	80	11.02	cps
Erbium	164-2	23	33	30	29	17.63	cps
Gadolinium	160-1	130	113	120	121	6.92	cps
Gadolinium	160-2	33	27	33	31	12.36	cps
Holmium	165-1	11042315	11033462	11072509	11049429	0.19	cps
Holmium	165-2	4447557	4496285	4467192	4470345	0.55	cps
Indium	115-1	10162068	10103783	10171566	10145805	0.36	cps
Indium	115-2	1247975	1241940	1237790	1242568	0.41	cps
Iron	54-2	26638	26895	26057	26530	1.62	cps
Iron	56-2	461155	458283	452668	457369	0.94	cps
Iron	57-2	11712	11381	11041	11378	2.95	cps
Krypton	83-1	470	450	403	441	7.76	cps
Lead	206-1	25462	25752	25846	25687	0.78	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:20:50 DataFile Name : 027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	21825	22623	22119	22189	1.82	cps
Lead	208-1	100670	102655	101870	101732	0.98	cps
Lithium	6-1	3895435	3925410	3888924	3903256	0.50	cps
Magnesium	24-2	333369	325625	321859	326951	1.79	cps
Manganese	55-2	7199	7379	7252	7276	1.27	cps
Molybdenum	94-1	78426	78717	78430	78524	0.21	cps
Molybdenum	95-1	95549	95183	95210	95314	0.21	cps
Molybdenum	96-1	106535	104664	105429	105543	0.89	cps
Molybdenum	97-1	59105	58613	58369	58696	0.64	cps
Molybdenum	98-1	152716	153128	154129	153324	0.47	cps
Neodymium	150-1	23	30	13	22	37.76	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	9647	9196	9570	9471	2.54	cps
Phosphorus	31-2	703	683	587	658	9.49	cps
Potassium	39-2	264809	265489	265207	265169	0.13	cps
Rhodium	103-1	9881558	9558603	9864214	9768125	1.86	cps
Rhodium	103-2	4303747	4340538	4330194	4324826	0.44	cps
Scandium	45-1	7178333	7329221	7359578	7289044	1.33	cps
Scandium	45-2	186615	182721	182719	184018	1.22	cps
Selenium	82-1	3037	3221	3120	3126	2.94	cps
Selenium	77-2	117	93	87	99	15.93	cps
Selenium	78-2	287	280	300	289	3.53	cps
Silicon	28-1	823246	814779	816974	818333	0.54	cps
Silver	107-1	45495	47167	45642	46101	2.01	cps
Silver	109-1	42706	45053	43689	43816	2.69	cps
Sodium	23-2	768330	761419	754954	761567	0.88	cps
Strontium	86-1	14481	14037	14227	14248	1.56	cps
Strontium	88-1	121261	121954	121036	121417	0.39	cps
Sulfur	34-1	841163	844889	848759	844937	0.45	cps
Terbium	159-1	11687299	11394406	11477344	11519683	1.31	cps
Terbium	159-2	4372739	4405842	4448890	4409157	0.87	cps
Thallium	203-1	28769	30015	29230	29338	2.15	cps
Thallium	205-1	70195	69881	69813	69963	0.29	cps
Tin	118-1	153948	154694	158674	155772	1.63	cps
Titanium	47-1	30115	30152	29991	30086	0.28	cps
Uranium	238-1	83663	82747	83328	83246	0.56	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:20:50 DataFile Name : 027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	39257	39524	38599	39127	1.22	cps
Ytterbium	172-1	60	60	53	58	6.67	cps
Ytterbium	172-2	43	40	37	40	8.32	cps
Ytterbium	176-1	1600	1690	1800	1697	5.90	cps
Ytterbium	176-2	407	427	387	407	4.92	cps
Yttrium	89-1	18781703	18810781	18312552	18635012	1.50	cps
Yttrium	89-2	1745879	1737682	1756041	1746534	0.53	cps
Zinc	66-2	14805	14434	14311	14516	1.77	cps
Zirconium	90-1	64177	66327	66725	65743	2.09	cps
Zirconium	91-1	14144	14731	14688	14521	2.25	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-12 Instrumnet Name : P8
Client Sample ID : MW-17B-55-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:24:11 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7042	6778	7008	6943	2.07	cps
Antimony	121-1	10978	10884	10758	10873	1.02	cps
Arsenic	75-2	847	833	770	817	5.02	cps
Barium	135-1	3773645	3832481	3721119	3775749	1.48	cps
Barium	137-1	6455467	6623892	6413262	6497540	1.72	cps
Beryllium	9-1	-44933	-45990	-46130	-45684	-1.43	cps
Bismuth	209-1	6338434	6299130	6280172	6305912	0.47	cps
Bismuth	209-2	3024160	3026841	3015763	3022255	0.19	cps
Bromine	81-1	183717	189887	190928	188178	2.07	cps
Cadmium	108-1	110	183	110	134	31.49	cps
Cadmium	106-1	6822	7199	6555	6858	4.72	cps
Cadmium	111-1	4908	5144	4728	4927	4.23	cps
Calcium	43-1	3696540	3689416	3679066	3688341	0.24	cps
Calcium	44-1	60533777	59791579	59701554	60008970	0.76	cps
Carbon	12-1	8523962	9338688	9871503	9244718	7.34	cps
Carbon	12-2	78914	80277	80536	79909	1.09	cps
Chlorine	35-1	3760118	4010927	4090258	3953768	4.36	cps
Chlorine	35-2	24881	24751	25195	24943	0.92	cps
Chromium	52-2	2984	3114	3024	3040	2.19	cps
Cobalt	59-2	121803	122229	123883	122638	0.90	cps
Copper	63-2	5214	5234	5111	5187	1.28	cps
Dysprosium	156-1	87	110	77	91	18.77	cps
Dysprosium	156-2	23	3	13	13	75.02	cps
Erbium	164-1	133	127	120	127	5.27	cps
Erbium	164-2	40	57	37	44	24.11	cps
Gadolinium	160-1	137	173	113	141	21.43	cps
Gadolinium	160-2	37	63	43	48	29.04	cps
Holmium	165-1	11212146	10983635	11013223	11069668	1.12	cps
Holmium	165-2	4450679	4490005	4502011	4480898	0.60	cps
Indium	115-1	10123423	9957699	9967097	10016073	0.93	cps
Indium	115-2	1228859	1234776	1235484	1233039	0.30	cps
Iron	54-2	2374691	2360840	2390570	2375367	0.63	cps
Iron	56-2	43077016	42224768	42906508	42736097	1.06	cps
Iron	57-2	1035476	1037553	1034506	1035845	0.15	cps
Krypton	83-1	460	407	407	424	7.25	cps
Lead	206-1	6588	6532	6652	6591	0.91	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-12 Instrumnet Name : P8
Client Sample ID : MW-17B-55-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:24:11 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5528	5485	5398	5470	1.21	cps
Lead	208-1	25390	25246	25176	25271	0.43	cps
Lithium	6-1	3984422	3958609	4019895	3987642	0.77	cps
Magnesium	24-2	5265372	5241310	5217325	5241336	0.46	cps
Manganese	55-2	2573128	2502776	2500975	2525626	1.63	cps
Molybdenum	94-1	232266	236601	233682	234183	0.94	cps
Molybdenum	95-1	407247	408357	409842	408482	0.32	cps
Molybdenum	96-1	434456	439152	435746	436452	0.56	cps
Molybdenum	97-1	253612	253702	253804	253706	0.04	cps
Molybdenum	98-1	661165	649444	653573	654728	0.91	cps
Neodymium	150-1	313	277	297	296	6.21	cps
Neodymium	150-2	23	13	23	20	28.87	cps
Nickel	60-2	48746	49191	47810	48583	1.45	cps
Phosphorus	31-2	3310	3324	3250	3295	1.19	cps
Potassium	39-2	3879745	3830365	3899888	3869999	0.92	cps
Rhodium	103-1	9672697	9354730	9520300	9515909	1.67	cps
Rhodium	103-2	4259763	4277458	4169308	4235510	1.37	cps
Scandium	45-1	7440755	7306878	7301544	7349726	1.07	cps
Scandium	45-2	183492	182038	187087	184206	1.41	cps
Selenium	82-1	163	243	233	213	20.43	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	37	60	47	48	24.50	cps
Silicon	28-1	472126686	469904033	466607606	469546109	0.59	cps
Silver	107-1	680	613	613	636	6.06	cps
Silver	109-1	523	520	497	513	2.83	cps
Sodium	23-2	9341594	9391119	9272794	9335169	0.64	cps
Strontium	86-1	3516715	3591517	3584325	3564186	1.16	cps
Strontium	88-1	30285123	30960540	31081826	30775830	1.39	cps
Sulfur	34-1	1039685	1005393	990392	1011823	2.50	cps
Terbium	159-1	11357271	11330489	11330743	11339501	0.14	cps
Terbium	159-2	4392484	4417740	4362319	4390848	0.63	cps
Thallium	203-1	7599	7639	7409	7549	1.63	cps
Thallium	205-1	18123	18126	18283	18177	0.50	cps
Tin	118-1	14828	15082	14801	14904	1.04	cps
Titanium	47-1	9406	9276	9100	9261	1.66	cps
Uranium	238-1	897	873	920	897	2.60	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-12 Instrumnet Name : P8
Client Sample ID : MW-17B-55-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:24:11 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2880	2750	2704	2778	3.30	cps
Ytterbium	172-1	80	110	113	101	18.16	cps
Ytterbium	172-2	17	43	30	30	44.43	cps
Ytterbium	176-1	1663	1567	1470	1567	6.17	cps
Ytterbium	176-2	343	323	403	357	11.67	cps
Yttrium	89-1	18544356	18386350	18455131	18461945	0.43	cps
Yttrium	89-2	1741586	1733638	1757954	1744393	0.71	cps
Zinc	66-2	10584	10594	10647	10609	0.32	cps
Zirconium	90-1	1997	2107	1917	2007	4.75	cps
Zirconium	91-1	407	427	437	423	3.61	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-13 Instrumnet Name : P8
Client Sample ID : EB01-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:27:23 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	970	920	897	929	4.03	cps
Antimony	121-1	370	353	387	370	4.51	cps
Arsenic	75-2	13	13	13	13	0.00	cps
Barium	135-1	893	847	760	833	8.12	cps
Barium	137-1	1417	1213	1407	1346	8.52	cps
Beryllium	9-1	94	111	102	102	8.58	cps
Bismuth	209-1	6442861	6521001	6413134	6458999	0.86	cps
Bismuth	209-2	3186582	3040521	3010205	3079103	3.06	cps
Bromine	81-1	45002	43190	40953	43048	4.71	cps
Cadmium	108-1	23	43	30	32	31.61	cps
Cadmium	106-1	6885	6892	6995	6924	0.89	cps
Cadmium	111-1	4877	4847	4916	4880	0.70	cps
Calcium	43-1	4901	4637	4768	4769	2.76	cps
Calcium	44-1	107554	106903	104136	106198	1.71	cps
Carbon	12-1	8679148	9331684	9764791	9258541	5.90	cps
Carbon	12-2	73965	73583	74142	73897	0.39	cps
Chlorine	35-1	975141	947037	909105	943761	3.51	cps
Chlorine	35-2	4878	4944	4791	4871	1.58	cps
Chromium	52-2	4734	4934	4661	4776	2.96	cps
Cobalt	59-2	227	203	233	221	7.12	cps
Copper	63-2	4848	4791	5041	4893	2.68	cps
Dysprosium	156-1	40	27	23	30	29.40	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	90	77	103	90	14.82	cps
Erbium	164-2	57	17	27	33	62.44	cps
Gadolinium	160-1	113	113	150	126	16.86	cps
Gadolinium	160-2	33	33	30	32	5.97	cps
Holmium	165-1	11063289	11196480	10916177	11058648	1.27	cps
Holmium	165-2	4567678	4442219	4306914	4438937	2.94	cps
Indium	115-1	10417926	10265457	10197493	10293625	1.10	cps
Indium	115-2	1265069	1237873	1212698	1238546	2.11	cps
Iron	54-2	8913	9073	9040	9008	0.94	cps
Iron	56-2	160304	160285	158948	159846	0.49	cps
Iron	57-2	4141	3934	4027	4034	2.57	cps
Krypton	83-1	373	373	410	386	5.49	cps
Lead	206-1	3717	3947	3734	3799	3.38	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-13 Instrumnet Name : P8
Client Sample ID : EB01-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:27:23 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3360	3160	3117	3213	4.04	cps
Lead	208-1	14997	15094	14880	14990	0.71	cps
Lithium	6-1	3911262	3955177	3835286	3900575	1.56	cps
Magnesium	24-2	2800	2807	2657	2755	3.08	cps
Manganese	55-2	9797	9603	9730	9710	1.01	cps
Molybdenum	94-1	863	827	893	861	3.88	cps
Molybdenum	95-1	657	750	637	681	8.88	cps
Molybdenum	96-1	807	813	817	812	0.63	cps
Molybdenum	97-1	457	370	407	411	10.58	cps
Molybdenum	98-1	1123	1057	1030	1070	4.49	cps
Neodymium	150-1	23	13	13	17	34.65	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2494	2370	2360	2408	3.08	cps
Phosphorus	31-2	323	320	330	324	1.57	cps
Potassium	39-2	41957	40985	41827	41590	1.27	cps
Rhodium	103-1	9821896	9988631	9769707	9860078	1.16	cps
Rhodium	103-2	4446885	4342988	4298951	4362942	1.74	cps
Scandium	45-1	7207512	7203708	7133956	7181725	0.58	cps
Scandium	45-2	185718	182847	177775	182114	2.21	cps
Selenium	82-1	100	77	-7	57	98.96	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	60	20	60	47	49.49	cps
Silicon	28-1	924515	939355	934623	932831	0.81	cps
Silver	107-1	387	327	320	344	10.66	cps
Silver	109-1	253	233	260	249	5.58	cps
Sodium	23-2	188038	187312	186657	187336	0.37	cps
Strontium	86-1	1480	1620	1500	1533	4.94	cps
Strontium	88-1	7495	7482	7169	7382	2.51	cps
Sulfur	34-1	714300	723338	717980	718540	0.63	cps
Terbium	159-1	11394569	11810002	11804544	11669705	2.04	cps
Terbium	159-2	4415915	4348523	4258941	4341126	1.81	cps
Thallium	203-1	640	550	573	588	7.95	cps
Thallium	205-1	1443	1400	1313	1386	4.78	cps
Tin	118-1	14424	14895	14651	14657	1.61	cps
Titanium	47-1	760	840	697	766	9.38	cps
Uranium	238-1	167	207	170	181	12.25	cps

LB Number : LB135332 Operator : Jaswal
 Lab Sample ID : Q1711-13 Instrumnet Name : P8
 Client Sample ID : EB01-040225 Dilution Factor : 1
 Date & Time Acquired : 2025-04-07 13:27:23 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	43	53	47	48	10.66	cps
Ytterbium	172-1	77	60	70	69	12.18	cps
Ytterbium	172-2	30	33	10	24	51.62	cps
Ytterbium	176-1	1577	1563	1623	1588	1.98	cps
Ytterbium	176-2	270	380	310	320	17.40	cps
Yttrium	89-1	19008096	19003968	18704993	18905686	0.92	cps
Yttrium	89-2	1745384	1763113	1712778	1740425	1.47	cps
Zinc	66-2	4087	3971	3627	3895	6.14	cps
Zirconium	90-1	1307	1403	1327	1346	3.79	cps
Zirconium	91-1	283	230	247	253	10.77	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:30:44 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	274387	271662	273286	273112	0.50	cps
Antimony	121-1	64880	65158	65376	65138	0.38	cps
Arsenic	75-2	980	1013	960	984	2.74	cps
Barium	135-1	1066655	1078290	1084020	1076322	0.82	cps
Barium	137-1	1937279	1925308	1921215	1927934	0.43	cps
Beryllium	9-1	-96490	-95220	-95277	-95662	-0.75	cps
Bismuth	209-1	5976468	6079058	6062777	6039434	0.91	cps
Bismuth	209-2	2923869	2923002	2966603	2937825	0.85	cps
Bromine	81-1	147942	157355	163305	156201	4.96	cps
Cadmium	108-1	460	487	450	466	4.07	cps
Cadmium	106-1	6872	6882	6792	6848	0.72	cps
Cadmium	111-1	5035	4983	5019	5012	0.53	cps
Calcium	43-1	12521613	12310216	12202646	12344825	1.31	cps
Calcium	44-1	201138424	202276150	195858857	199757810	1.71	cps
Carbon	12-1	10773606	11805645	12140763	11573338	6.16	cps
Carbon	12-2	94152	93220	95091	94154	0.99	cps
Chlorine	35-1	4081766	4390455	4494155	4322126	4.96	cps
Chlorine	35-2	27757	27877	28057	27897	0.54	cps
Chromium	52-2	2497	2487	2287	2424	4.89	cps
Cobalt	59-2	780	903	853	846	7.34	cps
Copper	63-2	5304	5558	5401	5421	2.36	cps
Dysprosium	156-1	40	57	43	47	18.90	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	97	87	70	84	15.95	cps
Erbium	164-2	23	27	20	23	14.29	cps
Gadolinium	160-1	133	93	153	127	24.12	cps
Gadolinium	160-2	13	27	27	22	34.66	cps
Holmium	165-1	10602833	10895772	10793674	10764093	1.38	cps
Holmium	165-2	4422491	4469335	4488527	4460118	0.76	cps
Indium	115-1	9826609	9755493	9771884	9784662	0.38	cps
Indium	115-2	1221530	1220405	1215732	1219222	0.25	cps
Iron	54-2	19907	19844	19834	19862	0.20	cps
Iron	56-2	357553	353359	356805	355905	0.63	cps
Iron	57-2	9850	9597	9503	9650	1.86	cps
Krypton	83-1	400	420	377	399	5.44	cps
Lead	206-1	4307	4207	4304	4273	1.33	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:30:44 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3777	3584	3777	3713	3.01	cps
Lead	208-1	17155	16544	16714	16804	1.87	cps
Lithium	6-1	3921644	3830382	3881381	3877802	1.18	cps
Magnesium	24-2	239681	240530	236549	238920	0.88	cps
Manganese	55-2	50512	49780	50208	50167	0.73	cps
Molybdenum	94-1	792230	787133	789660	789674	0.32	cps
Molybdenum	95-1	1460426	1473932	1477858	1470739	0.62	cps
Molybdenum	96-1	1590527	1558930	1573282	1574246	1.00	cps
Molybdenum	97-1	865839	869267	853819	862975	0.94	cps
Molybdenum	98-1	2400587	2342446	2379723	2374252	1.24	cps
Neodymium	150-1	93	133	123	117	17.85	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	37001	36791	36978	36923	0.31	cps
Phosphorus	31-2	353	347	397	366	7.43	cps
Potassium	39-2	11580172	11644435	11527766	11584125	0.50	cps
Rhodium	103-1	9268825	9241366	9312359	9274183	0.39	cps
Rhodium	103-2	4114717	4161974	4119373	4132021	0.63	cps
Scandium	45-1	7129437	7040120	7103402	7090986	0.65	cps
Scandium	45-2	180235	183023	183992	182417	1.07	cps
Selenium	82-1	543	487	540	523	6.08	cps
Selenium	77-2	17	7	7	10	57.72	cps
Selenium	78-2	60	70	117	82	36.79	cps
Silicon	28-1	101445338	101100688	100651819	101065948	0.39	cps
Silver	107-1	297	283	277	286	3.57	cps
Silver	109-1	230	187	270	229	18.21	cps
Sodium	23-2	27412289	27081300	26822213	27105267	1.09	cps
Strontium	86-1	7236095	7316127	7328484	7293569	0.69	cps
Strontium	88-1	64405646	63568471	63588127	63854081	0.75	cps
Sulfur	34-1	1725411	1710694	1717851	1717986	0.43	cps
Terbium	159-1	11357597	11193607	11242909	11264704	0.75	cps
Terbium	159-2	4365950	4362921	4352848	4360573	0.16	cps
Thallium	203-1	1263	1277	1317	1286	2.16	cps
Thallium	205-1	2997	3070	3017	3028	1.25	cps
Tin	118-1	16407	16634	16857	16632	1.35	cps
Titanium	47-1	2544	2534	2420	2499	2.74	cps
Uranium	238-1	420	450	413	428	4.57	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:30:44 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	31164	31024	31405	31197	0.62	cps
Ytterbium	172-1	100	60	43	68	42.97	cps
Ytterbium	172-2	20	20	40	27	43.30	cps
Ytterbium	176-1	1590	1523	1567	1560	2.17	cps
Ytterbium	176-2	357	367	357	360	1.60	cps
Yttrium	89-1	18503041	18632085	18166601	18433909	1.30	cps
Yttrium	89-2	1740260	1733932	1754007	1742733	0.59	cps
Zinc	66-2	5601	5481	5531	5538	1.09	cps
Zirconium	90-1	1790	1910	1810	1837	3.50	cps
Zirconium	91-1	367	320	377	354	8.53	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14DUP Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225DUP Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:33:59 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277212	275911	273450	275524	0.69	cps
Antimony	121-1	65965	66336	66427	66243	0.37	cps
Arsenic	75-2	843	1053	930	942	11.20	cps
Barium	135-1	1094944	1084336	1088680	1089320	0.49	cps
Barium	137-1	2042658	2019473	1994355	2018828	1.20	cps
Beryllium	9-1	-95665	-95559	-96439	-95888	-0.50	cps
Bismuth	209-1	6148304	6063500	6084178	6098661	0.73	cps
Bismuth	209-2	3012373	3030586	3037978	3026979	0.44	cps
Bromine	81-1	155886	160184	170446	162172	4.61	cps
Cadmium	108-1	480	427	480	462	6.66	cps
Cadmium	106-1	6989	6982	7162	7044	1.45	cps
Cadmium	111-1	5089	5142	5194	5142	1.02	cps
Calcium	43-1	12205174	12163898	12329214	12232762	0.70	cps
Calcium	44-1	200440484	199191090	198603857	199411810	0.47	cps
Carbon	12-1	10061437	10545348	10694992	10433926	3.17	cps
Carbon	12-2	80448	80797	80861	80702	0.28	cps
Chlorine	35-1	4274995	4663015	4818382	4585464	6.10	cps
Chlorine	35-2	28759	29356	29681	29265	1.60	cps
Chromium	52-2	2444	2457	2540	2480	2.11	cps
Cobalt	59-2	897	893	893	894	0.21	cps
Copper	63-2	5935	5885	5671	5830	2.40	cps
Dysprosium	156-1	27	37	33	32	15.80	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	97	50	87	78	31.59	cps
Erbium	164-2	30	23	37	30	22.23	cps
Gadolinium	160-1	120	120	160	133	17.32	cps
Gadolinium	160-2	50	33	47	43	20.36	cps
Holmium	165-1	11167021	10944846	11034344	11048737	1.01	cps
Holmium	165-2	4553953	4496470	4521166	4523863	0.64	cps
Indium	115-1	9962717	9879912	9720326	9854318	1.25	cps
Indium	115-2	1234509	1232168	1231973	1232883	0.11	cps
Iron	54-2	20672	20201	20385	20419	1.16	cps
Iron	56-2	367190	368355	361005	365517	1.08	cps
Iron	57-2	9870	9740	9964	9858	1.14	cps
Krypton	83-1	403	450	447	433	6.01	cps
Lead	206-1	5548	5501	5521	5523	0.42	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14DUP Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225DUP Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:33:59 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4614	4741	4527	4628	2.32	cps
Lead	208-1	21224	21344	21534	21367	0.73	cps
Lithium	6-1	3883979	4006979	3934571	3941843	1.57	cps
Magnesium	24-2	244858	239348	241140	241782	1.16	cps
Manganese	55-2	36764	37118	37850	37244	1.49	cps
Molybdenum	94-1	793467	786824	800314	793535	0.85	cps
Molybdenum	95-1	1463182	1439767	1459338	1454096	0.86	cps
Molybdenum	96-1	1561026	1561770	1639792	1587529	2.85	cps
Molybdenum	97-1	854650	867627	871207	864495	1.01	cps
Molybdenum	98-1	2320855	2392588	2360919	2358121	1.52	cps
Neodymium	150-1	63	113	110	96	29.26	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	37620	36844	37690	37385	1.25	cps
Phosphorus	31-2	377	347	400	374	7.14	cps
Potassium	39-2	11619536	11574812	11545403	11579917	0.32	cps
Rhodium	103-1	9300872	9320441	9257720	9293011	0.35	cps
Rhodium	103-2	4178410	4276915	4191992	4215772	1.27	cps
Scandium	45-1	7099136	7132763	7284085	7171995	1.37	cps
Scandium	45-2	185116	184529	184130	184592	0.27	cps
Selenium	82-1	530	527	487	514	4.69	cps
Selenium	77-2	3	20	0	8	137.80	cps
Selenium	78-2	53	53	50	52	3.68	cps
Silicon	28-1	100175559	100597419	100373005	100381994	0.21	cps
Silver	107-1	207	327	253	262	23.07	cps
Silver	109-1	177	190	197	188	5.42	cps
Sodium	23-2	27627670	27367772	27356475	27450639	0.56	cps
Strontium	86-1	7331273	7433394	7359938	7374869	0.71	cps
Strontium	88-1	63852304	63777587	64374346	64001412	0.51	cps
Sulfur	34-1	1686513	1704044	1690971	1693842	0.54	cps
Terbium	159-1	11248331	11389764	11350199	11329431	0.64	cps
Terbium	159-2	4462869	4401937	4483544	4449450	0.95	cps
Thallium	203-1	1287	1330	1210	1276	4.76	cps
Thallium	205-1	2817	3037	3084	2979	4.78	cps
Tin	118-1	16937	16977	17445	17120	1.65	cps
Titanium	47-1	2357	2467	2554	2459	4.01	cps
Uranium	238-1	377	437	367	393	9.62	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14DUP Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225DUP Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:33:59 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	31264	32166	31298	31576	1.62	cps
Ytterbium	172-1	50	50	67	56	17.32	cps
Ytterbium	172-2	17	17	20	18	10.81	cps
Ytterbium	176-1	1467	1610	1470	1516	5.40	cps
Ytterbium	176-2	370	393	410	391	5.14	cps
Yttrium	89-1	18669172	18702741	18608598	18660170	0.26	cps
Yttrium	89-2	1785616	1764824	1737423	1762621	1.37	cps
Zinc	66-2	4834	4674	4587	4699	2.66	cps
Zirconium	90-1	1707	1683	1673	1688	1.01	cps
Zirconium	91-1	420	373	300	364	16.60	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14LX5 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225L Dilution Factor : 5
Date & Time Acquired : 2025-04-07 13:37:11 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55000	54746	54612	54786	0.36	cps
Antimony	121-1	13517	12973	13140	13210	2.11	cps
Arsenic	75-2	213	237	197	216	9.32	cps
Barium	135-1	214272	217423	214753	215483	0.79	cps
Barium	137-1	367841	376927	378065	374278	1.50	cps
Beryllium	9-1	-19214	-19001	-19072	-19095	-0.57	cps
Bismuth	209-1	6124441	6074719	6259064	6152741	1.55	cps
Bismuth	209-2	2978391	3011585	3028635	3006203	0.85	cps
Bromine	81-1	68902	70040	69562	69501	0.82	cps
Cadmium	108-1	107	147	87	113	26.96	cps
Cadmium	106-1	6558	6902	6592	6684	2.83	cps
Cadmium	111-1	4659	4842	4680	4727	2.11	cps
Calcium	43-1	2410936	2466111	2484214	2453754	1.56	cps
Calcium	44-1	39196200	39302858	40091090	39530049	1.24	cps
Carbon	12-1	7677165	7647778	7657078	7660674	0.20	cps
Carbon	12-2	53865	53356	53437	53553	0.51	cps
Chlorine	35-1	1676582	1689031	1711662	1692425	1.05	cps
Chlorine	35-2	9250	9527	9280	9352	1.62	cps
Chromium	52-2	3150	3127	3170	3149	0.69	cps
Cobalt	59-2	280	280	293	284	2.71	cps
Copper	63-2	4444	4537	4617	4533	1.91	cps
Dysprosium	156-1	17	13	17	16	12.40	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	67	110	73	83	28.00	cps
Erbium	164-2	37	30	27	31	16.37	cps
Gadolinium	160-1	110	97	83	97	13.79	cps
Gadolinium	160-2	17	17	27	20	28.86	cps
Holmium	165-1	10739605	10954213	10736648	10810155	1.15	cps
Holmium	165-2	4491723	4399623	4458751	4450032	1.05	cps
Indium	115-1	9848105	9759113	9649283	9752167	1.02	cps
Indium	115-2	1212955	1198533	1215366	1208951	0.75	cps
Iron	54-2	5381	5394	5281	5352	1.16	cps
Iron	56-2	88928	89394	89465	89263	0.33	cps
Iron	57-2	2534	2460	2460	2485	1.70	cps
Krypton	83-1	417	463	427	436	5.64	cps
Lead	206-1	2210	2377	2470	2352	5.60	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14LX5 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225L Dilution Factor : 5
Date & Time Acquired : 2025-04-07 13:37:11 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2074	2167	2087	2109	2.39	cps
Lead	208-1	9305	9762	9365	9477	2.62	cps
Lithium	6-1	3814033	3899285	3831853	3848390	1.17	cps
Magnesium	24-2	47975	48270	48082	48109	0.31	cps
Manganese	55-2	14164	14000	14327	14164	1.15	cps
Molybdenum	94-1	158787	159108	158171	158689	0.30	cps
Molybdenum	95-1	273444	280430	273330	275735	1.47	cps
Molybdenum	96-1	293701	293434	296069	294401	0.49	cps
Molybdenum	97-1	169869	172153	171579	171200	0.69	cps
Molybdenum	98-1	438110	443479	446566	442718	0.97	cps
Neodymium	150-1	20	23	30	24	20.83	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	8236	8686	8272	8398	2.98	cps
Phosphorus	31-2	210	220	297	242	19.58	cps
Potassium	39-2	2365877	2343313	2339264	2349485	0.61	cps
Rhodium	103-1	9390270	9293660	9154193	9279374	1.28	cps
Rhodium	103-2	4264716	4128754	4213520	4202330	1.63	cps
Scandium	45-1	6881668	6859732	6936502	6892634	0.57	cps
Scandium	45-2	179044	177359	177347	177916	0.55	cps
Selenium	82-1	53	20	57	43	46.79	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	30	43	53	42	27.72	cps
Silicon	28-1	20031157	19892203	20297791	20073717	1.03	cps
Silver	107-1	250	257	243	250	2.67	cps
Silver	109-1	177	150	110	146	23.05	cps
Sodium	23-2	5531226	5464925	5355713	5450621	1.63	cps
Strontium	86-1	1475235	1449586	1505314	1476712	1.89	cps
Strontium	88-1	12871525	12724040	12768563	12788043	0.59	cps
Sulfur	34-1	1037567	1048333	1058832	1048244	1.01	cps
Terbium	159-1	11215493	11132809	11272139	11206813	0.63	cps
Terbium	159-2	4336753	4346862	4403469	4362361	0.82	cps
Thallium	203-1	613	630	690	644	6.26	cps
Thallium	205-1	1657	1647	1540	1615	4.01	cps
Tin	118-1	7996	8216	8096	8102	1.36	cps
Titanium	47-1	887	827	847	853	3.58	cps
Uranium	238-1	197	263	187	216	19.34	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14LX5 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225L Dilution Factor : 5
Date & Time Acquired : 2025-04-07 13:37:11 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6545	6105	6205	6285	3.67	cps
Ytterbium	172-1	53	70	73	66	16.35	cps
Ytterbium	172-2	30	27	20	26	19.92	cps
Ytterbium	176-1	1580	1540	1537	1552	1.55	cps
Ytterbium	176-2	387	343	323	351	9.22	cps
Yttrium	89-1	18190318	17966030	18232323	18129557	0.79	cps
Yttrium	89-2	1714570	1660014	1716638	1697074	1.89	cps
Zinc	66-2	3590	3430	3527	3516	2.29	cps
Zirconium	90-1	3107	3400	3370	3293	4.90	cps
Zirconium	91-1	663	633	737	678	7.84	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-15 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225MS Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:40:28 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1986852	2020694	2017224	2008257	0.93	cps
Antimony	121-1	18497816	19063888	18760443	18774049	1.51	cps
Arsenic	75-2	1000	1107	997	1034	6.05	cps
Barium	135-1	20815964	21099764	20972376	20962701	0.68	cps
Barium	137-1	35625454	36414434	36132896	36057595	1.11	cps
Beryllium	9-1	4586108	4490353	4503032	4526497	1.15	cps
Bismuth	209-1	5969882	5891625	5850093	5903867	1.03	cps
Bismuth	209-2	2781691	2834773	2821074	2812513	0.98	cps
Bromine	81-1	152726	159277	163788	158597	3.51	cps
Cadmium	108-1	350317	351695	350178	350730	0.24	cps
Cadmium	106-1	519374	533321	524209	525635	1.35	cps
Cadmium	111-1	4765332	4791571	4777921	4778275	0.27	cps
Calcium	43-1	17496871	18034736	17873598	17801735	1.55	cps
Calcium	44-1	286618522	288670936	289794436	288361298	0.56	cps
Carbon	12-1	8889103	9418416	9942476	9416665	5.59	cps
Carbon	12-2	77057	79859	80274	79063	2.21	cps
Chlorine	35-1	150782008	160327401	164364128	158491179	4.40	cps
Chlorine	35-2	999685	1014048	1000771	1004835	0.80	cps
Chromium	52-2	5203566	5261221	5243661	5236149	0.56	cps
Cobalt	59-2	9463652	9408282	9344950	9405628	0.63	cps
Copper	63-2	70417587	70135764	70232969	70262107	0.20	cps
Dysprosium	156-1	647	693	623	654	5.45	cps
Dysprosium	156-2	177	140	133	150	15.55	cps
Erbium	164-1	347	290	320	319	8.89	cps
Erbium	164-2	117	100	90	102	13.18	cps
Gadolinium	160-1	547	513	403	488	15.38	cps
Gadolinium	160-2	153	147	143	148	3.45	cps
Holmium	165-1	10668877	10709925	10749357	10709387	0.38	cps
Holmium	165-2	4316113	4376645	4397056	4363271	0.96	cps
Indium	115-1	9284280	9388060	9394536	9355625	0.66	cps
Indium	115-2	1137037	1142489	1127700	1135742	0.66	cps
Iron	54-2	9901211	9804430	9945330	9883657	0.73	cps
Iron	56-2	176572517	177537757	176288444	176799573	0.37	cps
Iron	57-2	4417470	4466664	4479168	4454434	0.73	cps
Krypton	83-1	533	647	473	551	15.97	cps
Lead	206-1	58222699	58837867	58772827	58611131	0.58	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-15 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225MS Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:40:28 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	50484584	50542379	50390206	50472390	0.15	cps
Lead	208-1	230901348	231827468	230253955	230994257	0.34	cps
Lithium	6-1	3981229	3942469	3903062	3942253	0.99	cps
Magnesium	24-2	32740122	32560335	32897604	32732687	0.52	cps
Manganese	55-2	23304150	23114864	23236735	23218583	0.41	cps
Molybdenum	94-1	32743333	33103006	32716381	32854240	0.66	cps
Molybdenum	95-1	36617904	36541818	36404420	36521381	0.30	cps
Molybdenum	96-1	41452862	41333324	41352419	41379535	0.16	cps
Molybdenum	97-1	22483536	22440549	22621418	22515168	0.42	cps
Molybdenum	98-1	58667024	59249506	59352266	59089599	0.63	cps
Neodymium	150-1	1300	1333	1377	1337	2.88	cps
Neodymium	150-2	47	53	77	59	26.75	cps
Nickel	60-2	2600367	2648309	2622668	2623781	0.91	cps
Phosphorus	31-2	333	417	437	396	13.86	cps
Potassium	39-2	21980718	21956714	21546608	21828013	1.12	cps
Rhodium	103-1	8930403	8880525	8874320	8895083	0.35	cps
Rhodium	103-2	4032926	4032769	4020919	4028871	0.17	cps
Scandium	45-1	7090869	7060498	6999110	7050159	0.66	cps
Scandium	45-2	189685	192168	189810	190554	0.73	cps
Selenium	82-1	297828	297516	300869	298738	0.62	cps
Selenium	77-2	7382	7515	7282	7393	1.58	cps
Selenium	78-2	24625	24732	25179	24845	1.18	cps
Silicon	28-1	90216489	92949885	92804519	91990298	1.67	cps
Silver	107-1	3776409	3846085	3784086	3802194	1.00	cps
Silver	109-1	3571615	3543465	3544484	3553188	0.45	cps
Sodium	23-2	91667815	90524939	92826449	91673068	1.26	cps
Strontium	86-1	14250228	14492401	14465347	14402659	0.92	cps
Strontium	88-1	124257271	124197941	125105481	124520231	0.41	cps
Sulfur	34-1	1559982	1585094	1571028	1572034	0.80	cps
Terbium	159-1	11003307	11209817	10933642	11048922	1.30	cps
Terbium	159-2	4247627	4315712	4260747	4274695	0.85	cps
Thallium	203-1	14041933	14300056	14329727	14223906	1.11	cps
Thallium	205-1	33010030	33634011	33826893	33490311	1.27	cps
Tin	118-1	13362783	13708354	13710786	13593974	1.47	cps
Titanium	47-1	11998	12265	12322	12195	1.42	cps
Uranium	238-1	42888870	42834660	42536666	42753399	0.44	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-15 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225MS Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:40:28 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4220646	4302980	4259639	4261088	0.97	cps
Ytterbium	172-1	640	810	747	732	11.73	cps
Ytterbium	172-2	310	310	287	302	4.46	cps
Ytterbium	176-1	71757	70447	72873	71692	1.69	cps
Ytterbium	176-2	27930	27602	27632	27721	0.65	cps
Yttrium	89-1	18063561	18165104	18220071	18149578	0.44	cps
Yttrium	89-2	1728317	1748974	1737962	1738417	0.59	cps
Zinc	66-2	8253871	8314999	8342045	8303638	0.54	cps
Zirconium	90-1	33762317	33911545	34214304	33962722	0.68	cps
Zirconium	91-1	7434508	7432068	7540193	7468923	0.83	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-16 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225MSD Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:43:14 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1989637	2007445	2011669	2002917	0.58	cps
Antimony	121-1	18470058	19088162	18712765	18756995	1.66	cps
Arsenic	75-2	1007	1023	960	997	3.29	cps
Barium	135-1	20895523	21312646	21040660	21082943	1.00	cps
Barium	137-1	36005290	35639415	35395001	35679902	0.86	cps
Beryllium	9-1	4551619	4661662	4653453	4622245	1.33	cps
Bismuth	209-1	5898270	5759465	5776566	5811434	1.30	cps
Bismuth	209-2	2834241	2833847	2830141	2832743	0.08	cps
Bromine	81-1	150862	158359	163255	157492	3.96	cps
Cadmium	108-1	354396	353151	348564	352037	0.87	cps
Cadmium	106-1	530679	525928	529324	528644	0.46	cps
Cadmium	111-1	4759757	4758309	4731531	4749866	0.33	cps
Calcium	43-1	18048356	17985917	18081237	18038503	0.27	cps
Calcium	44-1	289464049	291659929	296788676	292637551	1.28	cps
Carbon	12-1	9489307	10099190	10312531	9967010	4.29	cps
Carbon	12-2	80988	81012	81163	81054	0.12	cps
Chlorine	35-1	161743341	169194224	172224431	167720665	3.22	cps
Chlorine	35-2	1015791	1014511	1007654	1012652	0.43	cps
Chromium	52-2	5352709	5293950	5265107	5303922	0.84	cps
Cobalt	59-2	9531162	9358198	9311368	9400243	1.23	cps
Copper	63-2	72022879	69200334	70129032	70450748	2.04	cps
Dysprosium	156-1	583	583	670	612	8.17	cps
Dysprosium	156-2	147	140	147	144	2.67	cps
Erbium	164-1	277	337	323	312	10.09	cps
Erbium	164-2	120	163	97	127	26.71	cps
Gadolinium	160-1	393	393	367	384	4.00	cps
Gadolinium	160-2	187	187	160	178	8.66	cps
Holmium	165-1	10775290	10783886	10827726	10795634	0.26	cps
Holmium	165-2	4423987	4370087	4338593	4377556	0.99	cps
Indium	115-1	9480323	9283614	9244129	9336022	1.36	cps
Indium	115-2	1130028	1122308	1128147	1126827	0.36	cps
Iron	54-2	10149288	9902795	9797964	9950016	1.81	cps
Iron	56-2	178175637	178913984	177528124	178205915	0.39	cps
Iron	57-2	4511369	4557281	4523648	4530766	0.52	cps
Krypton	83-1	570	533	503	536	6.23	cps
Lead	206-1	58801104	58789669	58414269	58668347	0.38	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-16 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225MSD Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:43:14 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	50754049	50955366	49756843	50488753	1.27	cps
Lead	208-1	231551892	231833547	229416457	230933965	0.57	cps
Lithium	6-1	3948437	3893713	3989836	3943995	1.22	cps
Magnesium	24-2	33215085	32829805	33367975	33137621	0.84	cps
Manganese	55-2	23779991	23312049	23219183	23437074	1.28	cps
Molybdenum	94-1	33017978	33387082	33228999	33211353	0.56	cps
Molybdenum	95-1	37023285	37171146	37358433	37184288	0.45	cps
Molybdenum	96-1	41857488	42249274	42396663	42167808	0.66	cps
Molybdenum	97-1	22908883	22868788	23085769	22954480	0.50	cps
Molybdenum	98-1	59374261	58864482	60701666	59646803	1.59	cps
Neodymium	150-1	1353	1340	1373	1356	1.24	cps
Neodymium	150-2	63	47	90	67	32.79	cps
Nickel	60-2	2655385	2675784	2635004	2655391	0.77	cps
Phosphorus	31-2	373	417	397	396	5.48	cps
Potassium	39-2	22450621	21923169	21925186	22099659	1.38	cps
Rhodium	103-1	8881150	8752041	8936381	8856524	1.07	cps
Rhodium	103-2	4057080	3942804	4067302	4022395	1.72	cps
Scandium	45-1	7264745	7274640	7201393	7246926	0.55	cps
Scandium	45-2	193129	190079	190979	191396	0.82	cps
Selenium	82-1	305481	302849	301133	303154	0.72	cps
Selenium	77-2	7559	7435	7619	7538	1.24	cps
Selenium	78-2	25136	25206	24765	25036	0.95	cps
Silicon	28-1	95087179	94515322	94212392	94604964	0.47	cps
Silver	107-1	3725652	3810900	3756651	3764401	1.15	cps
Silver	109-1	3563221	3570487	3509669	3547792	0.94	cps
Sodium	23-2	93675885	94928772	93225732	93943463	0.94	cps
Strontium	86-1	14493414	14372327	14479215	14448319	0.46	cps
Strontium	88-1	126518265	126126105	125556728	126067033	0.38	cps
Sulfur	34-1	1555431	1543579	1566198	1555069	0.73	cps
Terbium	159-1	11092301	10979644	11200752	11090899	1.00	cps
Terbium	159-2	4273521	4267609	4309946	4283692	0.54	cps
Thallium	203-1	14368272	14443269	14527297	14446280	0.55	cps
Thallium	205-1	33498125	33753593	34265328	33839015	1.15	cps
Tin	118-1	13662798	14045941	13563698	13757479	1.85	cps
Titanium	47-1	12812	13476	12836	13042	2.89	cps
Uranium	238-1	42922849	42276266	42087228	42428781	1.03	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-16 Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225MSD Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:43:14 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4286510	4264981	4257992	4269828	0.35	cps
Ytterbium	172-1	667	710	680	686	3.24	cps
Ytterbium	172-2	283	347	303	311	10.41	cps
Ytterbium	176-1	71764	70390	70765	70973	1.00	cps
Ytterbium	176-2	27485	28411	27803	27900	1.69	cps
Yttrium	89-1	18378274	17945569	18094349	18139397	1.21	cps
Yttrium	89-2	1727137	1725683	1749938	1734253	0.78	cps
Zinc	66-2	8307858	8281451	8332869	8307393	0.31	cps
Zirconium	90-1	34023359	34425291	34507094	34318581	0.75	cps
Zirconium	91-1	7540483	7639188	7588051	7589241	0.65	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:58:04 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9020846	9198407	8961919	9060391	1.36	cps
Antimony	121-1	17042181	16875762	16748580	16888841	0.87	cps
Arsenic	75-2	469935	464556	468916	467803	0.61	cps
Barium	135-1	20483958	20190692	20413523	20362724	0.75	cps
Barium	137-1	34759026	34370095	35114438	34747853	1.07	cps
Beryllium	9-1	4224690	4249223	4221433	4231782	0.36	cps
Bismuth	209-1	5108551	5093228	5106518	5102765	0.16	cps
Bismuth	209-2	2470597	2525115	2619111	2538274	2.96	cps
Bromine	81-1	33420	34282	34005	33902	1.30	cps
Cadmium	108-1	333026	335404	331480	333303	0.59	cps
Cadmium	106-1	479720	478663	476165	478183	0.38	cps
Cadmium	111-1	4297110	4187046	4308385	4264180	1.57	cps
Calcium	43-1	30036798	29552334	29764583	29784572	0.82	cps
Calcium	44-1	491848406	491766913	490183339	491266219	0.19	cps
Carbon	12-1	6856988	6920858	7137635	6971827	2.11	cps
Carbon	12-2	63419	64644	64708	64257	1.13	cps
Chlorine	35-1	856126	847862	840565	848184	0.92	cps
Chlorine	35-2	5161	4791	4811	4921	4.23	cps
Chromium	52-2	5100687	5112296	5053334	5088772	0.61	cps
Cobalt	59-2	8496765	8520635	8567513	8528304	0.42	cps
Copper	63-2	74365156	73017677	73854872	73745902	0.92	cps
Dysprosium	156-1	910	913	817	880	6.24	cps
Dysprosium	156-2	257	263	257	259	1.49	cps
Erbium	164-1	867	770	883	840	7.29	cps
Erbium	164-2	300	297	310	302	2.30	cps
Gadolinium	160-1	730	710	630	690	7.67	cps
Gadolinium	160-2	293	243	320	286	13.63	cps
Holmium	165-1	9557233	9532751	9556682	9548889	0.15	cps
Holmium	165-2	4025111	4118670	4282661	4142147	3.15	cps
Indium	115-1	8225714	8090538	8053026	8123093	1.12	cps
Indium	115-2	1006912	1037015	1084440	1042789	3.75	cps
Iron	54-2	49378606	49700293	49311903	49463600	0.42	cps
Iron	56-2	900747960	912673400	925657400	913026253	1.36	cps
Iron	57-2	22515231	22721681	23051530	22762814	1.19	cps
Krypton	83-1	583	507	480	523	10.25	cps
Lead	206-1	53057033	52484846	52478666	52673515	0.63	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:58:04 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	44441889	44598241	44454456	44498195	0.20	cps
Lead	208-1	207091100	204284509	206694517	206023375	0.74	cps
Lithium	6-1	3322346	3450792	3337464	3370201	2.08	cps
Magnesium	24-2	149708851	150533441	150515984	150252759	0.31	cps
Manganese	55-2	23852082	24131387	24144580	24042683	0.69	cps
Molybdenum	94-1	63726987	62252157	63058677	63012607	1.17	cps
Molybdenum	95-1	91534382	90280412	92058172	91290989	1.00	cps
Molybdenum	96-1	100293399	101136022	100425279	100618233	0.45	cps
Molybdenum	97-1	56914737	57000757	56245414	56720303	0.73	cps
Molybdenum	98-1	146651141	145288421	147440478	146460013	0.74	cps
Neodymium	150-1	1630	1697	1697	1675	2.30	cps
Neodymium	150-2	157	147	110	138	17.83	cps
Nickel	60-2	2361642	2334410	2438910	2378321	2.28	cps
Phosphorus	31-2	95851	96531	95558	95980	0.52	cps
Potassium	39-2	57622322	57465682	57184927	57424311	0.39	cps
Rhodium	103-1	7693414	7710619	7465956	7623330	1.79	cps
Rhodium	103-2	3443257	3546978	3569347	3519861	1.91	cps
Scandium	45-1	6167189	6226514	6286442	6226715	0.96	cps
Scandium	45-2	172272	175001	183438	176904	3.29	cps
Selenium	82-1	265059	263310	264185	264185	0.33	cps
Selenium	77-2	6798	6852	6872	6841	0.55	cps
Selenium	78-2	23296	23052	22802	23050	1.07	cps
Silicon	28-1	82862374	82416769	81629000	82302714	0.76	cps
Silver	107-1	21099127	20968531	21196347	21088002	0.54	cps
Silver	109-1	20063664	20021146	19938405	20007738	0.32	cps
Sodium	23-2	320872815	318618689	321597869	320363124	0.48	cps
Strontium	86-1	5974241	6027120	6006759	6002707	0.44	cps
Strontium	88-1	52229848	52660693	52529091	52473210	0.42	cps
Sulfur	34-1	2345201	2323223	2307523	2325316	0.81	cps
Terbium	159-1	9867163	10143955	9985658	9998925	1.39	cps
Terbium	159-2	3913094	4021235	4145015	4026448	2.88	cps
Thallium	203-1	13336051	13455437	13096027	13295839	1.38	cps
Thallium	205-1	31792974	31847792	31598473	31746413	0.41	cps
Tin	118-1	13716128	13714158	13410824	13613703	1.29	cps
Titanium	47-1	26955440	27119610	26999428	27024826	0.31	cps
Uranium	238-1	39398960	39209904	39376145	39328336	0.26	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 13:58:04 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3959443	3980750	3919084	3953092	0.79	cps
Ytterbium	172-1	997	1133	1163	1098	8.09	cps
Ytterbium	172-2	560	483	530	524	7.37	cps
Ytterbium	176-1	69465	67970	67612	68349	1.44	cps
Ytterbium	176-2	27338	26657	27181	27059	1.32	cps
Yttrium	89-1	16381047	16394353	16191972	16322457	0.69	cps
Yttrium	89-2	1600685	1604286	1714062	1639678	3.93	cps
Zinc	66-2	8669924	8454162	8738143	8620743	1.72	cps
Zirconium	90-1	32518402	31889599	32075800	32161267	1.00	cps
Zirconium	91-1	7289027	7096433	7295119	7226860	1.56	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:05:27 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	413	497	497	469	10.26	cps
Antimony	121-1	1170	1170	960	1100	11.02	cps
Arsenic	75-2	23	13	27	21	32.88	cps
Barium	135-1	417	520	370	436	17.62	cps
Barium	137-1	730	703	693	709	2.67	cps
Beryllium	9-1	290	319	336	315	7.40	cps
Bismuth	209-1	6196052	6148774	6143594	6162807	0.47	cps
Bismuth	209-2	2942615	2977464	2912062	2944047	1.11	cps
Bromine	81-1	34258	34569	34713	34514	0.67	cps
Cadmium	108-1	27	33	33	31	12.36	cps
Cadmium	106-1	6478	6485	6532	6498	0.45	cps
Cadmium	111-1	4673	4643	4669	4661	0.35	cps
Calcium	43-1	3921	4224	4157	4101	3.89	cps
Calcium	44-1	91945	91847	90354	91382	0.98	cps
Carbon	12-1	5209217	5082022	5015253	5102164	1.93	cps
Carbon	12-2	35981	35429	35743	35718	0.77	cps
Chlorine	35-1	536311	535794	535879	535994	0.05	cps
Chlorine	35-2	3200	2837	2930	2989	6.31	cps
Chromium	52-2	12949	12799	13713	13154	3.73	cps
Cobalt	59-2	413	320	457	397	17.61	cps
Copper	63-2	4374	4394	4247	4338	1.83	cps
Dysprosium	156-1	10	10	17	12	31.50	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	77	83	77	79	4.87	cps
Erbium	164-2	27	27	20	24	15.75	cps
Gadolinium	160-1	110	103	93	102	8.21	cps
Gadolinium	160-2	27	27	23	26	7.55	cps
Holmium	165-1	10384662	10583402	10493610	10487225	0.95	cps
Holmium	165-2	4299858	4245552	4229315	4258241	0.87	cps
Indium	115-1	9580671	9759061	9691086	9676939	0.93	cps
Indium	115-2	1186294	1191998	1188173	1188822	0.24	cps
Iron	54-2	3927	4017	4021	3988	1.33	cps
Iron	56-2	60705	59728	58747	59727	1.64	cps
Iron	57-2	1363	1633	1433	1477	9.49	cps
Krypton	83-1	433	437	460	443	3.28	cps
Lead	206-1	3761	3741	3597	3699	2.41	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:05:27 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3160	3100	3197	3153	1.55	cps
Lead	208-1	14547	14327	13853	14242	2.49	cps
Lithium	6-1	3680547	3754927	3747092	3727522	1.10	cps
Magnesium	24-2	1593	1643	1803	1680	6.53	cps
Manganese	55-2	1953	2064	1987	2001	2.82	cps
Molybdenum	94-1	1767	1663	1697	1709	3.09	cps
Molybdenum	95-1	1957	1800	1813	1857	4.68	cps
Molybdenum	96-1	2310	1970	2054	2111	8.40	cps
Molybdenum	97-1	1210	1143	1040	1131	7.57	cps
Molybdenum	98-1	3040	2844	2847	2910	3.87	cps
Neodymium	150-1	7	3	3	4	43.40	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	3340	3494	3270	3368	3.39	cps
Phosphorus	31-2	190	207	233	210	10.41	cps
Potassium	39-2	37572	38241	37940	37918	0.88	cps
Rhodium	103-1	9245589	9254609	9257876	9252691	0.07	cps
Rhodium	103-2	4193795	4108311	4129804	4143970	1.07	cps
Scandium	45-1	6856896	6765811	6823859	6815522	0.68	cps
Scandium	45-2	172594	172843	171894	172444	0.29	cps
Selenium	82-1	70	-10	-43	6	1047.66	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	63	70	40	58	27.26	cps
Silicon	28-1	616682	620545	607995	615074	1.05	cps
Silver	107-1	797	760	750	769	3.20	cps
Silver	109-1	657	727	573	652	11.77	cps
Sodium	23-2	104386	102795	103695	103625	0.77	cps
Strontium	86-1	957	850	867	891	6.44	cps
Strontium	88-1	2450	2364	2520	2445	3.21	cps
Sulfur	34-1	772806	781853	784403	779687	0.78	cps
Terbium	159-1	10853732	10947567	11097976	10966425	1.12	cps
Terbium	159-2	4213812	4188739	4212462	4205004	0.34	cps
Thallium	203-1	1187	1110	1050	1116	6.14	cps
Thallium	205-1	2737	2554	2464	2585	5.39	cps
Tin	118-1	4617	4451	4511	4526	1.87	cps
Titanium	47-1	3503	720	750	1658	96.41	cps
Uranium	238-1	757	673	687	706	6.34	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:05:27 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	110	150	100	120	22.05	cps
Ytterbium	172-1	73	77	53	68	18.62	cps
Ytterbium	172-2	27	33	17	26	32.81	cps
Ytterbium	176-1	1400	1500	1407	1436	3.90	cps
Ytterbium	176-2	357	393	383	378	5.02	cps
Yttrium	89-1	17799833	17790178	17681496	17757169	0.37	cps
Yttrium	89-2	1680937	1672528	1661458	1671641	0.58	cps
Zinc	66-2	3924	3927	3837	3896	1.31	cps
Zirconium	90-1	1653	1620	1600	1625	1.66	cps
Zirconium	91-1	380	317	277	324	16.06	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14A Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225A Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:08:49 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1961511	1962628	1915618	1946586	1.38	cps
Antimony	121-1	17913991	17965561	18073888	17984480	0.45	cps
Arsenic	75-2	987	1093	977	1019	6.35	cps
Barium	135-1	19750802	20033760	20312953	20032505	1.40	cps
Barium	137-1	34401569	33712415	34435888	34183291	1.19	cps
Beryllium	9-1	4280824	4327461	4366179	4324822	0.99	cps
Bismuth	209-1	5768201	5653631	5658731	5693521	1.14	cps
Bismuth	209-2	2717136	2753306	2667325	2712589	1.59	cps
Bromine	81-1	143024	149635	154784	149148	3.95	cps
Cadmium	108-1	331070	326886	330870	329609	0.72	cps
Cadmium	106-1	500410	498544	511748	503568	1.42	cps
Cadmium	111-1	4492700	4528754	4493143	4504866	0.46	cps
Calcium	43-1	17082599	16997001	17175013	17084871	0.52	cps
Calcium	44-1	277467316	273801956	280435429	277234900	1.20	cps
Carbon	12-1	8724848	9345973	9793138	9287986	5.78	cps
Carbon	12-2	76994	77657	78505	77718	0.97	cps
Chlorine	35-1	140990858	149456121	153194518	147880499	4.23	cps
Chlorine	35-2	947010	947356	951489	948618	0.26	cps
Chromium	52-2	5168770	5124666	5116445	5136627	0.55	cps
Cobalt	59-2	9113033	9117823	9022066	9084307	0.59	cps
Copper	63-2	68487117	67270026	67838372	67865172	0.90	cps
Dysprosium	156-1	620	590	620	610	2.84	cps
Dysprosium	156-2	130	130	153	138	9.78	cps
Erbium	164-1	337	277	280	298	11.32	cps
Erbium	164-2	113	110	120	114	4.45	cps
Gadolinium	160-1	380	377	393	383	2.30	cps
Gadolinium	160-2	183	160	177	173	6.94	cps
Holmium	165-1	10393827	10373293	9981820	10249647	2.27	cps
Holmium	165-2	4213928	4228428	4229241	4223866	0.20	cps
Indium	115-1	8865901	8858641	8789728	8838090	0.48	cps
Indium	115-2	1090739	1087349	1078906	1085665	0.56	cps
Iron	54-2	9594703	9459952	9550029	9534895	0.72	cps
Iron	56-2	173031111	172722844	171454577	172402844	0.48	cps
Iron	57-2	4397225	4302843	4264688	4321585	1.58	cps
Krypton	83-1	470	493	433	466	6.50	cps
Lead	206-1	56670281	55100004	55662741	55811009	1.43	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14A Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225A Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:08:49 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	48708449	47547558	48024941	48093649	1.21	cps
Lead	208-1	222777642	218375067	220474877	220542528	1.00	cps
Lithium	6-1	3733967	3715332	3703010	3717436	0.42	cps
Magnesium	24-2	31411349	31514691	31450755	31458931	0.17	cps
Manganese	55-2	22757322	22564341	22443260	22588307	0.70	cps
Molybdenum	94-1	31985157	31582097	31573296	31713517	0.74	cps
Molybdenum	95-1	35472665	35066434	35428709	35322603	0.63	cps
Molybdenum	96-1	39729664	39903239	39753450	39795451	0.24	cps
Molybdenum	97-1	21691105	21778557	21857411	21775691	0.38	cps
Molybdenum	98-1	56361622	56855306	57237776	56818235	0.77	cps
Neodymium	150-1	1290	1333	1180	1268	6.24	cps
Neodymium	150-2	67	117	47	77	47.03	cps
Nickel	60-2	2598498	2563619	2537805	2566641	1.19	cps
Phosphorus	31-2	353	337	390	360	7.58	cps
Potassium	39-2	21313689	21197352	21571478	21360840	0.90	cps
Rhodium	103-1	8762747	8599940	8587531	8650073	1.13	cps
Rhodium	103-2	3888703	3801242	3744795	3811580	1.90	cps
Scandium	45-1	7016864	6895534	6846371	6919590	1.27	cps
Scandium	45-2	184869	185318	183783	184657	0.43	cps
Selenium	82-1	288487	289198	288316	288667	0.16	cps
Selenium	77-2	7275	7179	7189	7214	0.74	cps
Selenium	78-2	24789	24241	24224	24418	1.32	cps
Silicon	28-1	90250902	92307059	91207742	91255234	1.13	cps
Silver	107-1	3565628	3615746	3730075	3637150	2.32	cps
Silver	109-1	3358990	3405223	3370389	3378201	0.71	cps
Sodium	23-2	89572579	89962472	88760289	89431780	0.69	cps
Strontium	86-1	13797867	14009715	13886204	13897929	0.77	cps
Strontium	88-1	121069978	122854908	121788792	121904559	0.74	cps
Sulfur	34-1	1516636	1492331	1497409	1502126	0.85	cps
Terbium	159-1	10698753	10630775	10716179	10681903	0.42	cps
Terbium	159-2	4185728	4156402	4057331	4133154	1.63	cps
Thallium	203-1	13594175	13496249	13591986	13560803	0.41	cps
Thallium	205-1	31711966	31900125	32231211	31947767	0.82	cps
Tin	118-1	12943542	13038348	13017779	12999890	0.38	cps
Titanium	47-1	11728	12155	12185	12023	2.13	cps
Uranium	238-1	40562089	40080706	41257282	40633359	1.46	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1711-14A Instrumnet Name : P8
Client Sample ID : MW-18B-56-040225A Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:08:49 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4136145	4121381	4182320	4146615	0.77	cps
Ytterbium	172-1	683	640	600	641	6.50	cps
Ytterbium	172-2	310	250	300	287	11.22	cps
Ytterbium	176-1	67511	68593	66526	67544	1.53	cps
Ytterbium	176-2	27048	26794	27225	27022	0.80	cps
Yttrium	89-1	17763961	17799816	17566318	17710032	0.71	cps
Yttrium	89-2	1703205	1654209	1658404	1671939	1.62	cps
Zinc	66-2	8025550	8066930	8054010	8048830	0.26	cps
Zirconium	90-1	32934066	32926270	33171894	33010743	0.42	cps
Zirconium	91-1	7368101	7315752	7225966	7303273	0.98	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1731-05 Instrumnet Name : P8
Client Sample ID : EB01-040325 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:11:39 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	947	850	927	908	5.62	cps
Antimony	121-1	1150	960	960	1023	10.72	cps
Arsenic	75-2	3	3	23	10	115.51	cps
Barium	135-1	1293	1107	1013	1138	12.53	cps
Barium	137-1	2047	1877	1933	1952	4.43	cps
Beryllium	9-1	543	510	482	512	6.01	cps
Bismuth	209-1	6110661	6187062	6100928	6132884	0.77	cps
Bismuth	209-2	2994298	2971019	3023845	2996387	0.88	cps
Bromine	81-1	42738	41000	40214	41318	3.13	cps
Cadmium	108-1	40	47	43	43	7.70	cps
Cadmium	106-1	6685	6488	6398	6524	2.25	cps
Cadmium	111-1	4958	4716	4618	4764	3.67	cps
Calcium	43-1	4407	4231	4141	4260	3.19	cps
Calcium	44-1	96876	94457	94373	95236	1.49	cps
Carbon	12-1	8365538	8931581	9243696	8846939	5.03	cps
Carbon	12-2	69390	69175	70974	69846	1.41	cps
Chlorine	35-1	4401278	3926061	3491791	3939710	11.55	cps
Chlorine	35-2	16827	15599	14738	15721	6.68	cps
Chromium	52-2	2430	2364	2440	2411	1.73	cps
Cobalt	59-2	190	247	217	218	13.02	cps
Copper	63-2	5378	5021	5314	5238	3.63	cps
Dysprosium	156-1	50	47	10	36	62.42	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	67	97	90	84	18.65	cps
Erbium	164-2	37	37	50	41	18.72	cps
Gadolinium	160-1	137	113	123	124	9.41	cps
Gadolinium	160-2	30	23	20	24	20.83	cps
Holmium	165-1	10554199	10551499	10660374	10588691	0.59	cps
Holmium	165-2	4347367	4242356	4303368	4297697	1.23	cps
Indium	115-1	9804223	9922925	9639806	9788985	1.45	cps
Indium	115-2	1191021	1191707	1190366	1191031	0.06	cps
Iron	54-2	2740	2600	2857	2733	4.70	cps
Iron	56-2	40945	41477	41343	41255	0.67	cps
Iron	57-2	1083	1027	1027	1046	3.13	cps
Krypton	83-1	430	377	483	430	12.40	cps
Lead	206-1	8073	7172	6715	7320	9.44	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1731-05 Instrumnet Name : P8
Client Sample ID : EB01-040325 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:11:39 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6688	6101	5581	6124	9.05	cps
Lead	208-1	31582	27919	26000	28500	9.95	cps
Lithium	6-1	3877218	3892033	3758193	3842481	1.91	cps
Magnesium	24-2	2357	2244	2030	2210	7.51	cps
Manganese	55-2	5264	5354	5451	5357	1.74	cps
Molybdenum	94-1	2920	2757	2447	2708	8.88	cps
Molybdenum	95-1	2044	1603	1387	1678	19.94	cps
Molybdenum	96-1	2580	2090	1890	2187	16.24	cps
Molybdenum	97-1	1197	1090	893	1060	14.52	cps
Molybdenum	98-1	3120	2540	2220	2627	17.37	cps
Neodymium	150-1	47	73	53	58	24.02	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	1490	1277	1377	1381	7.73	cps
Phosphorus	31-2	250	343	240	278	20.52	cps
Potassium	39-2	42776	42663	42399	42613	0.45	cps
Rhodium	103-1	9498854	9468493	9253427	9406925	1.42	cps
Rhodium	103-2	4127932	4198503	4199028	4175154	0.98	cps
Scandium	45-1	6979532	6806119	6773081	6852911	1.62	cps
Scandium	45-2	178288	178630	176875	177931	0.52	cps
Selenium	82-1	37	13	13	21	63.83	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	30	33	63	42	43.48	cps
Silicon	28-1	878538	881028	875413	878326	0.32	cps
Silver	107-1	1233	1023	897	1051	16.18	cps
Silver	109-1	1040	813	693	849	20.74	cps
Sodium	23-2	137877	135758	134660	136098	1.20	cps
Strontium	86-1	1890	1593	1460	1648	13.36	cps
Strontium	88-1	9427	8956	8739	9041	3.89	cps
Sulfur	34-1	791177	795406	794287	793623	0.28	cps
Terbium	159-1	11018647	10948564	10933098	10966770	0.42	cps
Terbium	159-2	4306588	4217352	4303102	4275681	1.18	cps
Thallium	203-1	4237	3334	2784	3452	21.27	cps
Thallium	205-1	9674	7596	6658	7976	19.35	cps
Tin	118-1	11789	11735	12279	11934	2.51	cps
Titanium	47-1	767	740	690	732	5.32	cps
Uranium	238-1	1217	940	747	968	24.41	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1731-05 Instrumnet Name : P8
Client Sample ID : EB01-040325 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:11:39 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	130	133	77	113	28.06	cps
Ytterbium	172-1	43	83	100	76	38.55	cps
Ytterbium	172-2	30	47	40	39	21.57	cps
Ytterbium	176-1	1610	1417	1433	1487	7.21	cps
Ytterbium	176-2	377	380	407	388	4.24	cps
Yttrium	89-1	18299048	18162950	18102787	18188262	0.55	cps
Yttrium	89-2	1685567	1672473	1671839	1676626	0.46	cps
Zinc	66-2	3487	3634	3340	3487	4.21	cps
Zirconium	90-1	4651	4347	3864	4287	9.26	cps
Zirconium	91-1	1083	997	890	990	9.78	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1731-06 Instrumnet Name : P8
Client Sample ID : EB01-040325 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:14:59 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883	790	823	832	5.68	cps
Antimony	121-1	770	700	677	716	6.79	cps
Arsenic	75-2	13	17	17	16	12.40	cps
Barium	135-1	730	710	723	721	1.41	cps
Barium	137-1	1200	1123	937	1087	12.46	cps
Beryllium	9-1	269	282	276	276	2.35	cps
Bismuth	209-1	6225037	6310407	6080367	6205270	1.87	cps
Bismuth	209-2	2994751	2924736	2939421	2952970	1.25	cps
Bromine	81-1	35829	35836	35014	35560	1.33	cps
Cadmium	108-1	33	27	23	28	18.33	cps
Cadmium	106-1	6438	6312	6548	6433	1.84	cps
Cadmium	111-1	4593	4499	4671	4588	1.87	cps
Calcium	43-1	4217	4284	4277	4260	0.86	cps
Calcium	44-1	98877	106605	98095	101192	4.65	cps
Carbon	12-1	8280830	8926245	9259389	8822155	5.64	cps
Carbon	12-2	68542	68070	69302	68638	0.91	cps
Chlorine	35-1	1815615	1713100	1652003	1726906	4.79	cps
Chlorine	35-2	8503	8112	7879	8165	3.86	cps
Chromium	52-2	1827	1953	1890	1890	3.35	cps
Cobalt	59-2	150	150	143	148	2.60	cps
Copper	63-2	4611	4687	4697	4665	1.02	cps
Dysprosium	156-1	33	23	23	27	21.65	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	87	77	57	73	20.83	cps
Erbium	164-2	37	17	33	29	37.08	cps
Gadolinium	160-1	93	130	167	130	28.20	cps
Gadolinium	160-2	43	43	13	33	51.97	cps
Holmium	165-1	10631907	10835201	10411275	10626127	2.00	cps
Holmium	165-2	4215701	4296330	4260347	4257460	0.95	cps
Indium	115-1	9790693	9821137	9540740	9717524	1.58	cps
Indium	115-2	1184977	1183816	1193236	1187343	0.43	cps
Iron	54-2	1823	1873	2060	1919	6.50	cps
Iron	56-2	29150	29392	28789	29110	1.04	cps
Iron	57-2	740	647	743	710	7.73	cps
Krypton	83-1	353	470	400	408	14.40	cps
Lead	206-1	4101	3964	3794	3953	3.89	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1731-06 Instrumnet Name : P8
Client Sample ID : EB01-040325 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:14:59 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3467	3300	3390	3386	2.46	cps
Lead	208-1	15407	15574	15320	15434	0.83	cps
Lithium	6-1	3873650	3785372	3744431	3801151	1.74	cps
Magnesium	24-2	4114	4137	4077	4110	0.74	cps
Manganese	55-2	16259	16767	15972	16333	2.46	cps
Molybdenum	94-1	1073	1087	1030	1063	2.79	cps
Molybdenum	95-1	487	527	540	518	5.36	cps
Molybdenum	96-1	753	763	733	750	2.04	cps
Molybdenum	97-1	337	330	337	334	1.15	cps
Molybdenum	98-1	937	793	823	851	8.88	cps
Neodymium	150-1	17	17	30	21	36.45	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	1440	1493	1447	1460	1.99	cps
Phosphorus	31-2	267	213	280	253	13.92	cps
Potassium	39-2	40497	40239	39878	40205	0.77	cps
Rhodium	103-1	9454920	9556900	9255026	9422282	1.63	cps
Rhodium	103-2	4145417	4140796	4173929	4153381	0.43	cps
Scandium	45-1	6974002	6860293	6699834	6844710	2.01	cps
Scandium	45-2	173454	173995	174694	174048	0.36	cps
Selenium	82-1	140	-70	20	30	351.17	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	40	37	53	43	20.34	cps
Silicon	28-1	843016	848018	856630	849221	0.81	cps
Silver	107-1	423	443	490	452	7.57	cps
Silver	109-1	357	303	330	330	8.08	cps
Sodium	23-2	149978	149210	147719	148969	0.77	cps
Strontium	86-1	1713	1573	1590	1626	4.70	cps
Strontium	88-1	9073	8810	9090	8991	1.75	cps
Sulfur	34-1	798535	797440	799231	798402	0.11	cps
Terbium	159-1	10950142	10960079	10737068	10882430	1.16	cps
Terbium	159-2	4254142	4306095	4225199	4261812	0.96	cps
Thallium	203-1	1487	1227	1330	1348	9.71	cps
Thallium	205-1	3481	3114	2947	3180	8.58	cps
Tin	118-1	16977	16226	16744	16649	2.31	cps
Titanium	47-1	663	750	713	709	6.14	cps
Uranium	238-1	323	337	287	316	8.21	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1731-06 Instrumnet Name : P8
Client Sample ID : EB01-040325 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 14:14:59 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	80	50	73	68	23.24	cps
Ytterbium	172-1	40	90	67	66	38.16	cps
Ytterbium	172-2	40	20	27	29	35.25	cps
Ytterbium	176-1	1413	1553	1377	1448	6.44	cps
Ytterbium	176-2	303	400	300	334	16.98	cps
Yttrium	89-1	17922248	18039597	17548621	17836822	1.44	cps
Yttrium	89-2	1650399	1669461	1677535	1665798	0.84	cps
Zinc	66-2	3587	3654	3741	3661	2.10	cps
Zirconium	90-1	2004	2014	1823	1947	5.49	cps
Zirconium	91-1	373	413	413	400	5.77	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DLX10 Instrumnet Name : P8
Client Sample ID : 32725DL Dilution Factor : 10
Date & Time Acquired : 2025-04-07 14:18:21 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3087	3267	3137	3164	2.94	cps
Antimony	121-1	8106	8156	8283	8181	1.11	cps
Arsenic	75-2	49627	51537	53271	51478	3.54	cps
Barium	135-1	12002	12132	12289	12141	1.18	cps
Barium	137-1	20733	21077	20873	20894	0.83	cps
Beryllium	9-1	-1403	-1475	-1468	-1449	-2.74	cps
Bismuth	209-1	7445168	7429199	7404651	7426339	0.27	cps
Bismuth	209-2	3561532	3580022	3641561	3594371	1.17	cps
Bromine	81-1	54017	53191	52853	53353	1.12	cps
Cadmium	108-1	767	427	247	480	55.02	cps
Cadmium	106-1	10624	9543	9100	9756	8.04	cps
Cadmium	111-1	7120	6598	6414	6711	5.46	cps
Calcium	43-1	648279	651492	655490	651754	0.55	cps
Calcium	44-1	12159445	12414108	12375462	12316338	1.11	cps
Carbon	12-1						cps
Carbon	12-2	49931041	50396398	49167196	49831545	1.25	cps
Chlorine	35-1	2703430	2802467	2868838	2791578	2.98	cps
Chlorine	35-2	15679	15558	15675	15637	0.44	cps
Chromium	52-2	7165	6998	7319	7161	2.24	cps
Cobalt	59-2	9767	9377	9226	9457	2.95	cps
Copper	63-2	16193	16193	15822	16069	1.33	cps
Dysprosium	156-1	57	30	57	48	32.23	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Erbium	164-1	83	120	70	91	28.42	cps
Erbium	164-2	40	37	60	46	27.70	cps
Gadolinium	160-1	173	127	110	137	24.02	cps
Gadolinium	160-2	33	33	53	40	28.87	cps
Holmium	165-1	12597188	12452977	12636142	12562102	0.77	cps
Holmium	165-2	5177555	5261508	5314023	5251029	1.31	cps
Indium	115-1	11720458	11528184	11615227	11621289	0.83	cps
Indium	115-2	1415043	1418147	1456588	1429926	1.62	cps
Iron	54-2	10042856	10037072	9768313	9949414	1.58	cps
Iron	56-2	184482417	185267284	180968104	183572602	1.25	cps
Iron	57-2	4636730	4672246	4592041	4633672	0.87	cps
Krypton	83-1	437	527	477	480	9.39	cps
Lead	206-1	8089	8470	8460	8339	2.60	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DLX10 Instrumnet Name : P8
Client Sample ID : 32725DL Dilution Factor : 10
Date & Time Acquired : 2025-04-07 14:18:21 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7042	7095	7062	7066	0.38	cps
Lead	208-1	32326	32446	32276	32349	0.27	cps
Lithium	6-1	4651307	4701701	4800193	4717734	1.61	cps
Magnesium	24-2	579485	587353	576533	581124	0.96	cps
Manganese	55-2	3943876	4000941	3953624	3966147	0.77	cps
Molybdenum	94-1	200801	107982	74335	127706	51.29	cps
Molybdenum	95-1	6745	6368	6535	6549	2.88	cps
Molybdenum	96-1	41590	25771	21210	29524	36.23	cps
Molybdenum	97-1	3894	3864	3777	3845	1.58	cps
Molybdenum	98-1	9990	10077	9994	10020	0.49	cps
Neodymium	150-1	20	27	33	27	24.99	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	3477	3550	3687	3572	2.98	cps
Phosphorus	31-2	670	683	687	680	1.30	cps
Potassium	39-2	2547962	2569907	2590108	2569326	0.82	cps
Rhodium	103-1	11297014	11224959	11352609	11291527	0.57	cps
Rhodium	103-2	5105533	5060954	5148135	5104874	0.85	cps
Scandium	45-1	8424644	8626954	8624793	8558797	1.36	cps
Scandium	45-2	210144	212955	221383	214827	2.72	cps
Selenium	82-1	21551	24118	23961	23210	6.20	cps
Selenium	77-2	553	540	527	540	2.47	cps
Selenium	78-2	1777	1817	1960	1851	5.21	cps
Silicon	28-1	36869224	37802120	38414646	37695330	2.06	cps
Silver	107-1	940	760	607	769	21.70	cps
Silver	109-1	380	377	433	397	8.02	cps
Sodium	23-2	10922752	11056997	10733369	10904373	1.49	cps
Strontium	86-1	132662	133097	134553	133437	0.74	cps
Strontium	88-1	1126120	1156332	1152225	1144893	1.43	cps
Sulfur	34-1	1108019	1082523	1078917	1089820	1.46	cps
Terbium	159-1	13221125	13192766	13131242	13181711	0.35	cps
Terbium	159-2	5035691	5005362	5170128	5070394	1.73	cps
Thallium	203-1	5588	4591	4157	4779	15.35	cps
Thallium	205-1	12750	11245	9647	11214	13.84	cps
Tin	118-1	10714	11125	11512	11117	3.59	cps
Titanium	47-1	2794	3024	2774	2864	4.85	cps
Uranium	238-1	730	713	710	718	1.49	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DLX10 Instrumnet Name : P8
Client Sample ID : 32725DL Dilution Factor : 10
Date & Time Acquired : 2025-04-07 14:18:21 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	537	523	520	527	1.67	cps
Ytterbium	172-1	97	120	77	98	22.18	cps
Ytterbium	172-2	27	60	33	40	44.09	cps
Ytterbium	176-1	2784	2287	2167	2412	13.55	cps
Ytterbium	176-2	523	507	550	527	4.15	cps
Yttrium	89-1	21573518	21644800	21733481	21650600	0.37	cps
Yttrium	89-2	2023216	2032721	2072822	2042920	1.29	cps
Zinc	66-2	41678	41236	41484	41466	0.53	cps
Zirconium	90-1	551933	284436	196209	344192	53.82	cps
Zirconium	91-1	121165	62675	43438	75759	53.43	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DLX10 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 10
Date & Time Acquired : 2025-04-07 14:21:35 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12052	12222	12339	12204	1.18	cps
Antimony	121-1	8866	9013	8723	8867	1.64	cps
Arsenic	75-2	90793	93776	93424	92664	1.76	cps
Barium	135-1	22375	23133	22549	22686	1.75	cps
Barium	137-1	37950	38802	38959	38570	1.41	cps
Beryllium	9-1	-961	-958	-960	-960	-0.19	cps
Bismuth	209-1	7950122	8072549	8041943	8021538	0.79	cps
Bismuth	209-2	3899957	3933526	3939439	3924307	0.54	cps
Bromine	81-1	57641	56781	57595	57339	0.84	cps
Cadmium	108-1	117	150	147	138	13.32	cps
Cadmium	106-1	9613	9934	9747	9765	1.65	cps
Cadmium	111-1	6848	6995	6913	6919	1.07	cps
Calcium	43-1	370891	379154	381705	377250	1.50	cps
Calcium	44-1	8597903	8417780	8484704	8500129	1.07	cps
Carbon	12-1						cps
Carbon	12-2	74885521	74910832	75847384	75214579	0.73	cps
Chlorine	35-1	1852890	1929747	1943018	1908552	2.55	cps
Chlorine	35-2	10734	10167	10647	10516	2.90	cps
Chromium	52-2	11952	11855	11488	11765	2.08	cps
Cobalt	59-2	2917	2880	2647	2815	5.20	cps
Copper	63-2	22268	22855	22498	22540	1.31	cps
Dysprosium	156-1	377	350	353	360	4.04	cps
Dysprosium	156-2	147	137	133	139	4.99	cps
Erbium	164-1	477	390	390	419	11.95	cps
Erbium	164-2	167	127	150	148	13.60	cps
Gadolinium	160-1	463	543	477	494	8.67	cps
Gadolinium	160-2	187	180	180	182	2.11	cps
Holmium	165-1	13717133	13900867	14009944	13875981	1.07	cps
Holmium	165-2	5821789	5671633	5711551	5734991	1.36	cps
Indium	115-1	12702958	12837205	12863832	12801332	0.67	cps
Indium	115-2	1714013	1706917	1690261	1703730	0.72	cps
Iron	54-2	12763499	12738317	12958962	12820259	0.94	cps
Iron	56-2	234403450	234121777	235561103	234695443	0.33	cps
Iron	57-2	5904352	5966694	5944792	5938612	0.53	cps
Krypton	83-1	477	387	437	433	10.41	cps
Lead	206-1	18720	19341	19211	19091	1.72	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DLX10 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 10
Date & Time Acquired : 2025-04-07 14:21:35 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	15816	15927	15950	15898	0.45	cps
Lead	208-1	72920	75136	74307	74121	1.51	cps
Lithium	6-1	5136640	5115064	5166699	5139468	0.50	cps
Magnesium	24-2	538838	538869	548718	542142	1.05	cps
Manganese	55-2	5133744	5219073	5174599	5175805	0.82	cps
Molybdenum	94-1	31780	27634	25554	28322	11.19	cps
Molybdenum	95-1	6228	6208	6452	6296	2.15	cps
Molybdenum	96-1	14020	13620	13276	13639	2.73	cps
Molybdenum	97-1	3784	3797	3967	3849	2.66	cps
Molybdenum	98-1	9787	9950	9907	9881	0.86	cps
Neodymium	150-1	407	457	420	428	6.05	cps
Neodymium	150-2	123	150	87	120	26.50	cps
Nickel	60-2	3320	3510	3217	3349	4.44	cps
Phosphorus	31-2	700	650	680	677	3.72	cps
Potassium	39-2	219040	219835	221477	220117	0.56	cps
Rhodium	103-1	12416850	12821973	12621297	12620040	1.61	cps
Rhodium	103-2	5746573	5713756	5652846	5704392	0.83	cps
Scandium	45-1	9541989	9565862	9589258	9565703	0.25	cps
Scandium	45-2	238884	241440	242453	240926	0.76	cps
Selenium	82-1	25411	26957	27221	26529	3.69	cps
Selenium	77-2	663	730	543	646	14.65	cps
Selenium	78-2	2050	2024	1997	2024	1.32	cps
Silicon	28-1	52411348	54800664	55401479	54204497	2.92	cps
Silver	107-1	527	477	533	512	6.05	cps
Silver	109-1	363	340	407	370	9.14	cps
Sodium	23-2	6828539	6816155	6888239	6844311	0.56	cps
Strontium	86-1	93849	95135	96242	95075	1.26	cps
Strontium	88-1	818275	825012	821695	821661	0.41	cps
Sulfur	34-1	1083653	1091618	1097493	1090921	0.64	cps
Terbium	159-1	14190251	14703454	14444885	14446197	1.78	cps
Terbium	159-2	5581706	5582765	5589024	5584498	0.07	cps
Thallium	203-1	3507	3324	2850	3227	10.50	cps
Thallium	205-1	8703	8169	7295	8056	8.82	cps
Tin	118-1	14097	14241	14972	14437	3.25	cps
Titanium	47-1	11189	8002	7552	8915	22.24	cps
Uranium	238-1	1073	990	990	1018	4.73	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DLX10 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 10
Date & Time Acquired : 2025-04-07 14:21:35 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1047	983	967	999	4.23	cps
Ytterbium	172-1	173	180	127	160	18.16	cps
Ytterbium	172-2	63	80	113	86	29.76	cps
Ytterbium	176-1	2450	2197	2150	2266	7.13	cps
Ytterbium	176-2	463	530	480	491	7.06	cps
Yttrium	89-1	23876659	24500642	23905671	24094324	1.46	cps
Yttrium	89-2	2255699	2308451	2289058	2284403	1.17	cps
Zinc	66-2	18242	17928	18295	18155	1.09	cps
Zirconium	90-1	77816	67777	61669	69087	11.80	cps
Zirconium	91-1	17414	15198	14071	15561	10.93	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DL2X25 Instrumnet Name : P8
Client Sample ID : 32725DL2 Dilution Factor : 25
Date & Time Acquired : 2025-04-07 14:33:21 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1340	1197	1183	1240	7.00	cps
Antimony	121-1	2574	2520	2594	2562	1.48	cps
Arsenic	75-2	6181	6335	6815	6444	5.13	cps
Barium	135-1	3551	3574	3454	3526	1.80	cps
Barium	137-1	6312	6078	6432	6274	2.87	cps
Beryllium	9-1	-349	-336	-369	-351	-4.74	cps
Bismuth	209-1	6932669	6867018	6998749	6932812	0.95	cps
Bismuth	209-2	3424794	3442495	3403368	3423553	0.57	cps
Bromine	81-1	42080	41883	42424	42129	0.65	cps
Cadmium	108-1	77	43	90	70	34.34	cps
Cadmium	106-1	8206	7816	8056	8026	2.45	cps
Cadmium	111-1	5767	5517	5609	5631	2.24	cps
Calcium	43-1	194369	196822	194781	195324	0.67	cps
Calcium	44-1	3944467	3979727	3849222	3924472	1.72	cps
Carbon	12-1	2671002627	2738970733	2765365292	2725112884	1.79	cps
Carbon	12-2	17588000	17761510	17565103	17638204	0.61	cps
Chlorine	35-1	1026043	1083177	1123834	1077685	4.56	cps
Chlorine	35-2	6251	6295	6475	6340	1.87	cps
Chromium	52-2	16640	16299	16573	16504	1.09	cps
Cobalt	59-2	3394	3217	3324	3312	2.69	cps
Copper	63-2	5985	5925	5638	5849	3.17	cps
Dysprosium	156-1	17	27	17	20	28.86	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	67	93	97	86	19.22	cps
Erbium	164-2	40	17	27	28	42.13	cps
Gadolinium	160-1	137	110	107	118	13.96	cps
Gadolinium	160-2	30	30	13	24	39.37	cps
Holmium	165-1	11773414	11858687	11944585	11858895	0.72	cps
Holmium	165-2	4974848	4934801	4943834	4951161	0.42	cps
Indium	115-1	10998450	10934671	10790990	10908037	0.97	cps
Indium	115-2	1353805	1365003	1364484	1361098	0.46	cps
Iron	54-2	3360281	3309299	3351850	3340477	0.82	cps
Iron	56-2	60430397	60399032	60706824	60512085	0.28	cps
Iron	57-2	1553615	1537038	1555092	1548582	0.65	cps
Krypton	83-1	457	437	383	426	8.91	cps
Lead	206-1	2840	3044	2977	2954	3.51	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DL2X25 Instrumnet Name : P8
Client Sample ID : 32725DL2 Dilution Factor : 25
Date & Time Acquired : 2025-04-07 14:33:21 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2417	2724	2720	2620	6.72	cps
Lead	208-1	11559	11829	11792	11727	1.25	cps
Lithium	6-1	4443243	4450578	4394863	4429561	0.68	cps
Magnesium	24-2	200171	197784	198956	198970	0.60	cps
Manganese	55-2	1264875	1275777	1260799	1267150	0.61	cps
Molybdenum	94-1	12446	11161	10074	11227	10.58	cps
Molybdenum	95-1	2710	2940	2917	2856	4.43	cps
Molybdenum	96-1	5358	5318	5064	5247	3.03	cps
Molybdenum	97-1	1647	1590	1650	1629	2.07	cps
Molybdenum	98-1	4331	3987	4344	4221	4.79	cps
Neodymium	150-1	27	7	17	17	59.99	cps
Neodymium	150-2	7	13	13	11	34.61	cps
Nickel	60-2	4297	4311	4444	4351	1.86	cps
Phosphorus	31-2	393	343	350	362	7.49	cps
Potassium	39-2	900963	900463	911107	904178	0.66	cps
Rhodium	103-1	10634349	10829794	10617996	10694047	1.10	cps
Rhodium	103-2	4852005	4867880	4918166	4879350	0.71	cps
Scandium	45-1	8017258	7978747	7798064	7931357	1.48	cps
Scandium	45-2	204302	205606	208541	206150	1.05	cps
Selenium	82-1	3751	4428	4704	4294	11.42	cps
Selenium	77-2	123	133	83	113	23.35	cps
Selenium	78-2	460	443	463	456	2.35	cps
Silicon	28-1	14252609	14576449	14747403	14525487	1.73	cps
Silver	107-1	297	257	250	268	9.42	cps
Silver	109-1	140	147	140	142	2.71	cps
Sodium	23-2	3930588	3965447	3943768	3946601	0.45	cps
Strontium	86-1	42916	43387	42959	43087	0.60	cps
Strontium	88-1	368201	368696	369866	368921	0.23	cps
Sulfur	34-1	1020849	1018833	1008061	1015914	0.68	cps
Terbium	159-1	12331238	12365816	12287375	12328143	0.32	cps
Terbium	159-2	4827676	4900560	4794865	4841034	1.12	cps
Thallium	203-1	1050	973	957	993	5.01	cps
Thallium	205-1	2607	2467	2237	2437	7.67	cps
Tin	118-1	6559	6178	6268	6335	3.14	cps
Titanium	47-1	1143	1117	1073	1111	3.18	cps
Uranium	238-1	143	157	207	169	19.77	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DL2X25 Instrumnet Name : P8
Client Sample ID : 32725DL2 Dilution Factor : 25
Date & Time Acquired : 2025-04-07 14:33:21 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	267	250	247	254	4.21	cps
Ytterbium	172-1	40	73	67	60	29.40	cps
Ytterbium	172-2	33	37	40	37	9.10	cps
Ytterbium	176-1	1727	1773	1713	1738	1.81	cps
Ytterbium	176-2	383	440	550	458	18.51	cps
Yttrium	89-1	20467867	20890391	20494857	20617705	1.15	cps
Yttrium	89-2	1940769	1950783	1970278	1953943	0.77	cps
Zinc	66-2	14885	14801	14781	14822	0.37	cps
Zirconium	90-1	31152	27066	23944	27387	13.20	cps
Zirconium	91-1	6528	5895	5641	6021	7.59	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL2X25 Instrumnet Name : P8
Client Sample ID : 32525DL2 Dilution Factor : 25
Date & Time Acquired : 2025-04-07 14:36:37 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4364	4451	4194	4336	3.01	cps
Antimony	121-1	2697	2927	2937	2854	4.76	cps
Arsenic	75-2	11181	11368	11555	11368	1.64	cps
Barium	135-1	6905	7082	7022	7003	1.28	cps
Barium	137-1	12242	12252	12723	12406	2.21	cps
Beryllium	9-1	-222	-228	-229	-226	-1.61	cps
Bismuth	209-1	7342480	7241884	7207877	7264080	0.96	cps
Bismuth	209-2	3584851	3566697	3538155	3563234	0.66	cps
Bromine	81-1	44163	44006	43207	43792	1.17	cps
Cadmium	108-1	80	60	57	66	19.25	cps
Cadmium	106-1	8326	8643	8519	8496	1.88	cps
Cadmium	111-1	5842	6105	5984	5977	2.20	cps
Calcium	43-1	126420	127284	127398	127034	0.42	cps
Calcium	44-1	3051779	3128294	3012626	3064233	1.92	cps
Carbon	12-1	3875666929	4036740740	4027742767	3980050145	2.27	cps
Carbon	12-2	25807257	25915420	25003890	25575523	1.95	cps
Chlorine	35-1	810420	828205	833549	824058	1.47	cps
Chlorine	35-2	4794	4924	4724	4814	2.11	cps
Chromium	52-2	18752	19003	18322	18692	1.84	cps
Cobalt	59-2	1097	1083	1017	1066	4.02	cps
Copper	63-2	6148	6298	6382	6276	1.89	cps
Dysprosium	156-1	100	120	130	117	13.09	cps
Dysprosium	156-2	63	53	50	56	12.49	cps
Erbium	164-1	197	197	177	190	6.08	cps
Erbium	164-2	80	50	137	89	49.51	cps
Gadolinium	160-1	220	237	293	250	15.38	cps
Gadolinium	160-2	107	103	73	94	19.44	cps
Holmium	165-1	12179286	12377089	12421332	12325902	1.05	cps
Holmium	165-2	5220538	5148407	5096797	5155247	1.21	cps
Indium	115-1	11515980	11310534	11466119	11430878	0.94	cps
Indium	115-2	1414616	1411906	1418056	1414860	0.22	cps
Iron	54-2	3919636	3934976	3846214	3900275	1.22	cps
Iron	56-2	72030117	70977012	70943477	71316869	0.87	cps
Iron	57-2	1868397	1815559	1837618	1840525	1.44	cps
Krypton	83-1	460	453	487	467	3.78	cps
Lead	206-1	6638	6688	6872	6733	1.83	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL2X25 Instrumnet Name : P8
Client Sample ID : 32525DL2 Dilution Factor : 25
Date & Time Acquired : 2025-04-07 14:36:37 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5535	5661	5801	5666	2.36	cps
Lead	208-1	25760	25330	26708	25933	2.72	cps
Lithium	6-1	4624149	4669399	4677641	4657063	0.62	cps
Magnesium	24-2	179987	180080	177238	179102	0.90	cps
Manganese	55-2	1581557	1542009	1562339	1561968	1.27	cps
Molybdenum	94-1	7122	7609	7529	7420	3.52	cps
Molybdenum	95-1	2637	2730	2457	2608	5.33	cps
Molybdenum	96-1	4617	4407	4457	4494	2.44	cps
Molybdenum	97-1	1677	1683	1673	1678	0.30	cps
Molybdenum	98-1	4227	4114	4111	4151	1.60	cps
Neodymium	150-1	187	143	190	173	15.02	cps
Neodymium	150-2	43	67	63	58	21.85	cps
Nickel	60-2	4481	4531	4314	4442	2.55	cps
Phosphorus	31-2	333	337	340	337	0.99	cps
Potassium	39-2	98080	97071	97033	97395	0.61	cps
Rhodium	103-1	11012901	11405702	11219937	11212847	1.75	cps
Rhodium	103-2	5150760	5140731	5068182	5119891	0.88	cps
Scandium	45-1	8455338	8485751	8502887	8481325	0.28	cps
Scandium	45-2	215945	215979	214650	215524	0.35	cps
Selenium	82-1	6512	7396	7889	7266	9.60	cps
Selenium	77-2	223	177	187	196	12.57	cps
Selenium	78-2	663	733	623	673	8.27	cps
Silicon	28-1	20111898	21103001	20980400	20731766	2.61	cps
Silver	107-1	277	257	313	282	10.18	cps
Silver	109-1	160	167	170	166	3.08	cps
Sodium	23-2	2483519	2483121	2450917	2472519	0.76	cps
Strontium	86-1	31800	32578	31175	31851	2.21	cps
Strontium	88-1	270580	270845	271853	271093	0.25	cps
Sulfur	34-1	1032785	1015406	1014892	1021027	1.00	cps
Terbium	159-1	12919944	12737151	13083971	12913689	1.34	cps
Terbium	159-2	4973701	4919867	5018610	4970726	0.99	cps
Thallium	203-1	970	1060	1033	1021	4.53	cps
Thallium	205-1	2547	2474	2344	2455	4.20	cps
Tin	118-1	7522	7412	7475	7470	0.74	cps
Titanium	47-1	2444	2490	2434	2456	1.23	cps
Uranium	238-1	300	280	350	310	11.63	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL2X25 Instrumnet Name : P8
Client Sample ID : 32525DL2 Dilution Factor : 25
Date & Time Acquired : 2025-04-07 14:36:37 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	433	547	470	483	11.97	cps
Ytterbium	172-1	100	107	160	122	26.91	cps
Ytterbium	172-2	60	40	60	53	21.65	cps
Ytterbium	176-1	1937	1887	1780	1868	4.28	cps
Ytterbium	176-2	447	453	510	470	7.40	cps
Yttrium	89-1	21462517	21545970	21400463	21469650	0.34	cps
Yttrium	89-2	2088340	2038397	2056675	2061138	1.23	cps
Zinc	66-2	6492	6488	6512	6497	0.19	cps
Zirconium	90-1	16563	16960	16637	16720	1.26	cps
Zirconium	91-1	3527	3761	3751	3679	3.59	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DL3X50 Instrumnet Name : P8
Client Sample ID : 32725DL Dilution Factor : 50
Date & Time Acquired : 2025-04-07 14:39:54 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1030	1043	990	1021	2.72	cps
Antimony	121-1	1503	1337	1310	1383	7.57	cps
Arsenic	75-2	2227	2277	2384	2296	3.49	cps
Barium	135-1	1883	1984	1947	1938	2.61	cps
Barium	137-1	3347	3217	3337	3300	2.19	cps
Beryllium	9-1	-129	-103	-119	-117	-11.20	cps
Bismuth	209-1	6724421	6336734	6502531	6521229	2.98	cps
Bismuth	209-2	3165866	3159085	3200656	3175202	0.70	cps
Bromine	81-1	40458	38149	38312	38973	3.31	cps
Cadmium	108-1	37	23	40	33	26.47	cps
Cadmium	106-1	7455	7089	6982	7175	3.46	cps
Cadmium	111-1	5250	4996	4899	5048	3.59	cps
Calcium	43-1	100213	94165	94269	96216	3.60	cps
Calcium	44-1	2043579	1920197	1970478	1978084	3.14	cps
Carbon	12-1	1467241418	1427143712	1403866859	1432750663	2.24	cps
Carbon	12-2	8921873	8834822	8645277	8800657	1.61	cps
Chlorine	35-1	756191	753349	759076	756205	0.38	cps
Chlorine	35-2	4621	4137	4291	4350	5.68	cps
Chromium	52-2	15005	14754	14874	14878	0.84	cps
Cobalt	59-2	2014	1840	1850	1901	5.12	cps
Copper	63-2	4594	4641	4481	4572	1.80	cps
Dysprosium	156-1	10	10	10	10	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	93	80	50	74	29.81	cps
Erbium	164-2	23	27	17	22	22.91	cps
Gadolinium	160-1	120	143	83	116	26.18	cps
Gadolinium	160-2	30	30	30	30	0.00	cps
Holmium	165-1	11586098	11240926	10894652	11240558	3.08	cps
Holmium	165-2	4623647	4663693	4586371	4624570	0.84	cps
Indium	115-1	10487830	10148426	10175690	10270649	1.84	cps
Indium	115-2	1274582	1269443	1269608	1271211	0.23	cps
Iron	54-2	1805693	1780647	1751291	1779210	1.53	cps
Iron	56-2	32415101	31998723	31362217	31925347	1.66	cps
Iron	57-2	763871	754979	756457	758436	0.63	cps
Krypton	83-1	440	423	433	432	1.94	cps
Lead	206-1	2274	1970	2204	2149	7.39	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DL3X50 Instrumnet Name : P8
Client Sample ID : 32725DL Dilution Factor : 50
Date & Time Acquired : 2025-04-07 14:39:54 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1827	1813	1870	1837	1.61	cps
Lead	208-1	8915	8098	8441	8485	4.83	cps
Lithium	6-1	4351627	4103665	4142301	4199198	3.18	cps
Magnesium	24-2	100574	99933	99507	100005	0.54	cps
Manganese	55-2	656127	653381	646268	651925	0.78	cps
Molybdenum	94-1	4274	3954	4031	4086	4.09	cps
Molybdenum	95-1	1803	1707	1727	1746	2.92	cps
Molybdenum	96-1	2804	2614	2650	2689	3.75	cps
Molybdenum	97-1	1090	1017	1063	1057	3.51	cps
Molybdenum	98-1	2634	2484	2617	2578	3.19	cps
Neodymium	150-1	20	10	27	19	44.42	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3777	3874	4031	3894	3.28	cps
Phosphorus	31-2	323	283	263	290	10.53	cps
Potassium	39-2	467902	474491	468743	470379	0.76	cps
Rhodium	103-1	10517493	9863084	9967307	10115961	3.48	cps
Rhodium	103-2	4515391	4575233	4440532	4510385	1.50	cps
Scandium	45-1	7962046	7464992	7320659	7582566	4.44	cps
Scandium	45-2	190509	188828	192171	190503	0.88	cps
Selenium	82-1	1650	1814	1884	1782	6.72	cps
Selenium	77-2	40	40	40	40	0.00	cps
Selenium	78-2	153	193	203	183	14.43	cps
Silicon	28-1	8134058	7800575	7900167	7944933	2.15	cps
Silver	107-1	227	170	213	203	14.57	cps
Silver	109-1	107	110	157	124	22.46	cps
Sodium	23-2	2081156	2047179	2011644	2046660	1.70	cps
Strontium	86-1	23286	21754	21881	22307	3.81	cps
Strontium	88-1	194284	183666	184577	187509	3.14	cps
Sulfur	34-1	962580	913160	926496	934079	2.74	cps
Terbium	159-1	11960266	11626374	11469474	11685371	2.15	cps
Terbium	159-2	4541611	4471153	4464639	4492468	0.95	cps
Thallium	203-1	700	557	623	627	11.45	cps
Thallium	205-1	1477	1407	1347	1410	4.61	cps
Tin	118-1	5331	5034	5041	5135	3.30	cps
Titanium	47-1	757	800	717	758	5.50	cps
Uranium	238-1	123	147	190	153	22.06	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-01DL3X50 Instrumnet Name : P8
Client Sample ID : 32725DL Dilution Factor : 50
Date & Time Acquired : 2025-04-07 14:39:54 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	187	160	160	169	9.12	cps
Ytterbium	172-1	107	67	77	83	24.98	cps
Ytterbium	172-2	20	17	10	16	32.73	cps
Ytterbium	176-1	1637	1503	1587	1576	4.28	cps
Ytterbium	176-2	380	360	390	377	4.06	cps
Yttrium	89-1	19987878	18907901	19240098	19378625	2.85	cps
Yttrium	89-2	1860771	1826090	1816441	1834434	1.27	cps
Zinc	66-2	9510	10050	9757	9772	2.77	cps
Zirconium	90-1	9050	8820	8756	8875	1.74	cps
Zirconium	91-1	1877	1830	1910	1872	2.15	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL3X50 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 50
Date & Time Acquired : 2025-04-07 14:43:27 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2354	2224	2354	2310	3.25	cps
Antimony	121-1	1483	1340	1460	1428	5.39	cps
Arsenic	75-2	2484	2494	2617	2531	2.93	cps
Barium	135-1	3674	3387	3537	3533	4.06	cps
Barium	137-1	5971	5745	5918	5878	2.02	cps
Beryllium	9-1	-41	-37	-40	-39	-4.79	cps
Bismuth	209-1	6634066	6554187	6632639	6606964	0.69	cps
Bismuth	209-2	3327302	3245066	3281158	3284508	1.25	cps
Bromine	81-1	39379	40050	40184	39871	1.08	cps
Cadmium	108-1	33	47	27	36	28.64	cps
Cadmium	106-1	7015	7172	6945	7044	1.65	cps
Cadmium	111-1	4921	5054	4910	4962	1.62	cps
Calcium	43-1	60704	61464	61678	61282	0.84	cps
Calcium	44-1	1497966	1474799	1496324	1489696	0.87	cps
Carbon	12-1	1796341787	1824565999	1824805359	1815237715	0.90	cps
Carbon	12-2	11635166	11685738	11482355	11601086	0.91	cps
Chlorine	35-1	590296	595127	596125	593849	0.52	cps
Chlorine	35-2	3464	3447	3340	3417	1.96	cps
Chromium	52-2	16657	16089	15485	16077	3.64	cps
Cobalt	59-2	603	640	687	643	6.49	cps
Copper	63-2	5028	4981	4924	4978	1.04	cps
Dysprosium	156-1	83	67	77	76	11.10	cps
Dysprosium	156-2	30	33	37	33	10.01	cps
Erbium	164-1	137	97	127	120	17.35	cps
Erbium	164-2	33	40	43	39	13.09	cps
Gadolinium	160-1	130	170	137	146	14.72	cps
Gadolinium	160-2	57	40	30	42	31.91	cps
Holmium	165-1	11396450	11249778	11342472	11329566	0.65	cps
Holmium	165-2	4842498	4824895	4729988	4799127	1.26	cps
Indium	115-1	10571823	10405950	10712270	10563348	1.45	cps
Indium	115-2	1316452	1321895	1328654	1322334	0.46	cps
Iron	54-2	1803926	1760924	1781026	1781959	1.21	cps
Iron	56-2	32785285	31696761	32086514	32189520	1.71	cps
Iron	57-2	773278	776611	765128	771672	0.77	cps
Krypton	83-1	507	403	393	434	14.44	cps
Lead	206-1	3891	3871	3791	3851	1.37	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL3X50 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 50
Date & Time Acquired : 2025-04-07 14:43:27 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3491	3557	3224	3424	5.15	cps
Lead	208-1	15537	15334	14787	15219	2.55	cps
Lithium	6-1	4162343	4174978	4257361	4198227	1.23	cps
Magnesium	24-2	83135	83937	82891	83321	0.66	cps
Manganese	55-2	676159	666079	661253	667830	1.14	cps
Molybdenum	94-1	3457	3891	3914	3754	6.85	cps
Molybdenum	95-1	1567	1480	1723	1590	7.76	cps
Molybdenum	96-1	2397	2624	2454	2491	4.74	cps
Molybdenum	97-1	873	893	930	899	3.20	cps
Molybdenum	98-1	2404	2487	2364	2418	2.60	cps
Neodymium	150-1	70	113	60	81	34.96	cps
Neodymium	150-2	37	20	27	28	30.20	cps
Nickel	60-2	4244	4184	3981	4136	3.34	cps
Phosphorus	31-2	240	267	260	256	5.43	cps
Potassium	39-2	63097	64272	62819	63396	1.22	cps
Rhodium	103-1	10268103	10196258	10515946	10326769	1.62	cps
Rhodium	103-2	4739725	4646662	4594871	4660419	1.57	cps
Scandium	45-1	7772339	7798654	7604315	7725102	1.36	cps
Scandium	45-2	197050	199841	197941	198277	0.72	cps
Selenium	82-1	1667	2107	2190	1988	14.15	cps
Selenium	77-2	67	57	30	51	37.09	cps
Selenium	78-2	203	243	193	213	12.40	cps
Silicon	28-1	9585739	9778149	9878917	9747602	1.53	cps
Silver	107-1	193	207	203	201	3.45	cps
Silver	109-1	90	133	113	112	19.33	cps
Sodium	23-2	1195842	1227006	1197644	1206831	1.45	cps
Strontium	86-1	15038	14921	15465	15142	1.89	cps
Strontium	88-1	127152	127331	126849	127111	0.19	cps
Sulfur	34-1	918616	921424	878844	906295	2.63	cps
Terbium	159-1	11921698	11833066	11931562	11895442	0.46	cps
Terbium	159-2	4674479	4701377	4753988	4709948	0.86	cps
Thallium	203-1	527	487	487	500	4.62	cps
Thallium	205-1	1277	1163	1150	1197	5.82	cps
Tin	118-1	5858	5711	5955	5841	2.10	cps
Titanium	47-1	1217	1363	1240	1273	6.19	cps
Uranium	238-1	223	220	303	249	18.96	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL3X50 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 50
Date & Time Acquired : 2025-04-07 14:43:27 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	203	267	227	232	13.79	cps
Ytterbium	172-1	80	73	73	76	5.10	cps
Ytterbium	172-2	50	37	33	40	22.05	cps
Ytterbium	176-1	1707	1490	1530	1576	7.32	cps
Ytterbium	176-2	350	387	473	403	15.70	cps
Yttrium	89-1	20013272	19827486	19948471	19929743	0.47	cps
Yttrium	89-2	1893459	1896370	1924628	1904819	0.90	cps
Zinc	66-2	4861	5184	5218	5088	3.87	cps
Zirconium	90-1	7686	7939	8002	7876	2.13	cps
Zirconium	91-1	1683	1580	1763	1676	5.49	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL4X100 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 100
Date & Time Acquired : 2025-04-07 14:52:05 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1583	1423	1400	1469	6.79	cps
Antimony	121-1	837	753	693	761	9.46	cps
Arsenic	75-2	793	703	770	756	6.18	cps
Barium	135-1	1753	1850	1837	1813	2.89	cps
Barium	137-1	3234	3434	3074	3247	5.56	cps
Beryllium	9-1	40	30	75	49	49.25	cps
Bismuth	209-1	6605512	6753562	6608990	6656021	1.27	cps
Bismuth	209-2	3321467	3329608	3263043	3304706	1.10	cps
Bromine	81-1	37386	38606	37353	37782	1.89	cps
Cadmium	108-1	63	23	23	37	62.99	cps
Cadmium	106-1	7212	7289	7205	7235	0.64	cps
Cadmium	111-1	5051	5122	5071	5081	0.73	cps
Calcium	43-1	31952	31778	32560	32097	1.28	cps
Calcium	44-1	697241	706067	707055	703454	0.77	cps
Carbon	12-1	859788361	902659827	907366333	889938173	2.95	cps
Carbon	12-2	5779905	5805597	5836448	5807317	0.49	cps
Chlorine	35-1	529207	535612	534452	533091	0.64	cps
Chlorine	35-2	2944	3134	2944	3007	3.65	cps
Chromium	52-2	14808	15282	15041	15044	1.57	cps
Cobalt	59-2	477	527	417	473	11.64	cps
Copper	63-2	4414	4621	4271	4435	3.97	cps
Dysprosium	156-1	43	43	33	40	14.43	cps
Dysprosium	156-2	10	17	17	14	26.66	cps
Erbium	164-1	113	77	97	96	19.21	cps
Erbium	164-2	40	37	27	34	20.14	cps
Gadolinium	160-1	130	110	107	116	10.92	cps
Gadolinium	160-2	37	50	33	40	22.05	cps
Holmium	165-1	11357679	11457242	11567346	11460756	0.92	cps
Holmium	165-2	4794786	4739445	4778439	4770890	0.60	cps
Indium	115-1	10570150	10595003	10433380	10532845	0.83	cps
Indium	115-2	1319913	1315453	1318556	1317974	0.17	cps
Iron	54-2	848914	846221	822047	839061	1.76	cps
Iron	56-2	16035967	16299677	15821089	16052245	1.49	cps
Iron	57-2	383806	388837	379013	383886	1.28	cps
Krypton	83-1	467	403	387	419	10.08	cps
Lead	206-1	3084	2960	2917	2987	2.90	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL4X100 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 100
Date & Time Acquired : 2025-04-07 14:52:05 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2494	2317	2427	2412	3.70	cps
Lead	208-1	11565	11072	11245	11294	2.22	cps
Lithium	6-1	4210890	4195783	4174164	4193612	0.44	cps
Magnesium	24-2	41242	42442	41646	41776	1.46	cps
Manganese	55-2	333360	332784	324449	330197	1.51	cps
Molybdenum	94-1	3554	3647	3671	3624	1.70	cps
Molybdenum	95-1	1010	1103	1177	1097	7.62	cps
Molybdenum	96-1	1870	1873	1757	1833	3.62	cps
Molybdenum	97-1	640	720	717	692	6.54	cps
Molybdenum	98-1	1703	1800	1803	1769	3.21	cps
Neodymium	150-1	67	60	43	57	21.21	cps
Neodymium	150-2	20	17	27	21	24.12	cps
Nickel	60-2	4144	4084	4121	4116	0.74	cps
Phosphorus	31-2	207	240	270	239	13.26	cps
Potassium	39-2	48852	49816	48434	49034	1.44	cps
Rhodium	103-1	10470152	10213516	10238993	10307554	1.37	cps
Rhodium	103-2	4634603	4645962	4647625	4642730	0.15	cps
Scandium	45-1	7645998	7618195	7674278	7646157	0.37	cps
Scandium	45-2	197884	195917	196784	196862	0.50	cps
Selenium	82-1	800	1000	1050	950	13.92	cps
Selenium	77-2	40	13	13	22	69.30	cps
Selenium	78-2	120	123	187	143	26.21	cps
Silicon	28-1	4955819	5177309	5228311	5120480	2.83	cps
Silver	107-1	157	223	223	201	19.14	cps
Silver	109-1	123	117	87	109	17.94	cps
Sodium	23-2	612263	612115	609568	611315	0.25	cps
Strontium	86-1	7959	7856	7909	7908	0.65	cps
Strontium	88-1	64036	63380	64669	64028	1.01	cps
Sulfur	34-1	903777	952448	928247	928157	2.62	cps
Terbium	159-1	11785831	11671452	11721116	11726133	0.49	cps
Terbium	159-2	4644478	4620664	4734188	4666443	1.28	cps
Thallium	203-1	410	377	443	410	8.13	cps
Thallium	205-1	1023	993	967	994	2.85	cps
Tin	118-1	5221	5144	5088	5151	1.30	cps
Titanium	47-1	970	833	887	897	7.68	cps
Uranium	238-1	217	160	177	184	15.79	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : Q1700-02DL4X100 Instrumnet Name : P8
Client Sample ID : 32525DL Dilution Factor : 100
Date & Time Acquired : 2025-04-07 14:52:05 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	197	137	197	177	19.61	cps
Ytterbium	172-1	50	97	87	78	31.59	cps
Ytterbium	172-2	23	57	50	43	40.71	cps
Ytterbium	176-1	1543	1613	1573	1577	2.23	cps
Ytterbium	176-2	330	390	393	371	9.60	cps
Yttrium	89-1	19486737	19622869	19500602	19536736	0.38	cps
Yttrium	89-2	1902816	1913745	1920558	1912373	0.47	cps
Zinc	66-2	4507	4581	4767	4619	2.90	cps
Zirconium	90-1	8196	8556	8039	8264	3.21	cps
Zirconium	91-1	1917	1930	1797	1881	3.90	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P8
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 15:00:29 DataFile Name : 050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8978463	8838402	8952557	8923141	0.84	cps
Antimony	121-1	16901618	17217982	17238134	17119245	1.10	cps
Arsenic	75-2	455339	460882	458023	458081	0.61	cps
Barium	135-1	20496955	20480481	21197932	20725122	1.98	cps
Barium	137-1	35423276	35343167	35366290	35377578	0.12	cps
Beryllium	9-1	4285979	4314358	4382385	4327574	1.14	cps
Bismuth	209-1	5223630	5301104	5288498	5271077	0.79	cps
Bismuth	209-2	2541882	2580635	2571304	2564607	0.79	cps
Bromine	81-1	32865	33089	32461	32805	0.97	cps
Cadmium	108-1	335567	335472	332312	334450	0.55	cps
Cadmium	106-1	473931	480971	481496	478799	0.88	cps
Cadmium	111-1	4358454	4333848	4403800	4365368	0.81	cps
Calcium	43-1	29700497	30376340	30052638	30043158	1.13	cps
Calcium	44-1	484518419	499556353	484836886	489637219	1.75	cps
Carbon	12-1	22503907	21747121	21920570	22057199	1.80	cps
Carbon	12-2	160145	160458	159484	160029	0.31	cps
Chlorine	35-1	473202	478775	483880	478619	1.12	cps
Chlorine	35-2	2990	2827	2844	2887	3.11	cps
Chromium	52-2	5051470	5056116	5101899	5069828	0.55	cps
Cobalt	59-2	8617713	8673347	8587633	8626231	0.50	cps
Copper	63-2	76261722	77820527	78160031	77414093	1.31	cps
Dysprosium	156-1	890	887	863	880	1.65	cps
Dysprosium	156-2	257	240	223	240	6.94	cps
Erbium	164-1	733	810	943	829	12.82	cps
Erbium	164-2	323	330	317	323	2.06	cps
Gadolinium	160-1	747	697	660	701	6.21	cps
Gadolinium	160-2	263	257	327	282	13.69	cps
Holmium	165-1	10095029	9964905	9974529	10011488	0.72	cps
Holmium	165-2	4151457	4193794	4169097	4171449	0.51	cps
Indium	115-1	8323499	8358700	8239506	8307235	0.74	cps
Indium	115-2	1015614	1005690	1014825	1012043	0.55	cps
Iron	54-2	48786846	49598701	49404183	49263243	0.86	cps
Iron	56-2	895197320	901200413	915970200	904122644	1.18	cps
Iron	57-2	22884151	22943661	22997845	22941886	0.25	cps
Krypton	83-1	483	483	477	481	0.80	cps
Lead	206-1	53522469	54448406	53408148	53793008	1.06	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P8
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 15:00:29 DataFile Name : 050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	45611221	46259041	45410289	45760184	0.97	cps
Lead	208-1	208839875	213191489	210863539	210964967	1.03	cps
Lithium	6-1	3552529	3563818	3506882	3541076	0.85	cps
Magnesium	24-2	148682584	148603874	149719648	149002036	0.42	cps
Manganese	55-2	23716734	24051984	24117470	23962062	0.90	cps
Molybdenum	94-1	63882897	64740324	64077526	64233582	0.70	cps
Molybdenum	95-1	92439949	92705472	92447699	92531040	0.16	cps
Molybdenum	96-1	100570219	102556012	101110978	101412403	1.01	cps
Molybdenum	97-1	56847679	57846116	56562101	57085299	1.18	cps
Molybdenum	98-1	150505004	148189254	147475101	148723120	1.07	cps
Neodymium	150-1	1670	1713	1587	1657	3.89	cps
Neodymium	150-2	160	190	133	161	17.59	cps
Nickel	60-2	2367957	2379341	2383753	2377017	0.34	cps
Phosphorus	31-2	91261	92029	91751	91680	0.42	cps
Potassium	39-2	55447218	55000036	55982489	55476581	0.89	cps
Rhodium	103-1	7892699	7928552	7705075	7842108	1.53	cps
Rhodium	103-2	3604633	3628734	3549096	3594154	1.14	cps
Scandium	45-1	6450367	6463546	6392530	6435481	0.59	cps
Scandium	45-2	169017	169659	171409	170028	0.73	cps
Selenium	82-1	269766	269224	270908	269966	0.32	cps
Selenium	77-2	6728	6752	6775	6752	0.35	cps
Selenium	78-2	22658	22588	22528	22592	0.29	cps
Silicon	28-1	84412864	83464015	82374960	83417280	1.22	cps
Silver	107-1	21075659	21426741	21604916	21369105	1.26	cps
Silver	109-1	20125319	20346502	20429553	20300458	0.77	cps
Sodium	23-2	313643542	309552355	311402382	311532760	0.66	cps
Strontium	86-1	6107850	6182286	6013070	6101069	1.39	cps
Strontium	88-1	52128674	53384119	53216076	52909623	1.29	cps
Sulfur	34-1	2335748	2304917	2294088	2311584	0.94	cps
Terbium	159-1	10255742	10341961	10539351	10379018	1.40	cps
Terbium	159-2	4096912	4120434	4047112	4088153	0.92	cps
Thallium	203-1	13592846	13804899	13711470	13703072	0.78	cps
Thallium	205-1	31896294	32730590	32250880	32292588	1.30	cps
Tin	118-1	13803390	14059730	13952324	13938482	0.92	cps
Titanium	47-1	27828172	27974349	27602330	27801617	0.67	cps
Uranium	238-1	40075269	40249987	40624508	40316588	0.70	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P8
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 15:00:29 DataFile Name : 050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3910523	3954160	3971951	3945545	0.80	cps
Ytterbium	172-1	1180	1147	1150	1159	1.58	cps
Ytterbium	172-2	620	557	487	554	12.03	cps
Ytterbium	176-1	69592	68754	69032	69126	0.62	cps
Ytterbium	176-2	26888	27542	27706	27378	1.58	cps
Yttrium	89-1	16873043	16933124	16551406	16785858	1.22	cps
Yttrium	89-2	1618156	1599658	1630101	1615972	0.95	cps
Zinc	66-2	8787215	8993889	8923066	8901390	1.18	cps
Zirconium	90-1	32840089	32914080	32815245	32856471	0.16	cps
Zirconium	91-1	7255921	7225739	7364918	7282193	1.01	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P8
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-07 15:13:18 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	510	457	460	476	6.28	cps
Antimony	121-1	1010	823	813	882	12.56	cps
Arsenic	75-2	23	17	17	19	20.36	cps
Barium	135-1	450	473	387	437	10.27	cps
Barium	137-1	777	803	727	769	5.06	cps
Beryllium	9-1	246	259	259	255	2.89	cps
Bismuth	209-1	6563823	6545588	6325457	6478289	2.05	cps
Bismuth	209-2	3178028	3180728	3167048	3175268	0.23	cps
Bromine	81-1	34900	34997	34486	34794	0.78	cps
Cadmium	108-1	27	20	17	21	24.12	cps
Cadmium	106-1	6518	6625	6738	6627	1.66	cps
Cadmium	111-1	4654	4703	4855	4738	2.21	cps
Calcium	43-1	4061	4101	3977	4046	1.56	cps
Calcium	44-1	94903	94095	93636	94211	0.68	cps
Carbon	12-1	14835481	14524754	14617581	14659272	1.09	cps
Carbon	12-2	101072	100293	101034	100799	0.44	cps
Chlorine	35-1	366289	368396	370749	368478	0.61	cps
Chlorine	35-2	2084	1937	1970	1997	3.85	cps
Chromium	52-2	14070	13887	13947	13968	0.67	cps
Cobalt	59-2	427	453	333	404	15.58	cps
Copper	63-2	4434	4587	4374	4465	2.46	cps
Dysprosium	156-1	17	23	23	21	18.21	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	77	80	100	86	14.75	cps
Erbium	164-2	27	37	27	30	19.24	cps
Gadolinium	160-1	127	113	93	111	15.10	cps
Gadolinium	160-2	23	27	13	21	32.88	cps
Holmium	165-1	11096733	10915222	10794538	10935497	1.39	cps
Holmium	165-2	4589641	4531289	4522108	4547679	0.81	cps
Indium	115-1	10393964	10151718	10313663	10286448	1.20	cps
Indium	115-2	1256818	1256000	1257713	1256844	0.07	cps
Iron	54-2	4111	4164	4111	4128	0.75	cps
Iron	56-2	63159	62961	61810	62643	1.16	cps
Iron	57-2	1457	1450	1583	1497	5.02	cps
Krypton	83-1	377	420	367	388	7.31	cps
Lead	206-1	2930	2907	2877	2905	0.92	cps

LB Number : LB135332 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P8
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2640	2717	2224	2527	10.51	cps
Lead	208-1	11909	11772	11112	11598	3.67	cps
Lithium	6-1	4091813	4069986	4031570	4064457	0.75	cps
Magnesium	24-2	1620	1670	1803	1698	5.58	cps
Manganese	55-2	1967	2204	2187	2119	6.23	cps
Molybdenum	94-1	1777	1640	1657	1691	4.41	cps
Molybdenum	95-1	1887	1610	1700	1732	8.15	cps
Molybdenum	96-1	2294	2040	2057	2130	6.65	cps
Molybdenum	97-1	1210	1020	1060	1097	9.13	cps
Molybdenum	98-1	2854	2950	2734	2846	3.81	cps
Neodymium	150-1	10	10	17	12	31.50	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	3627	3514	3500	3547	1.96	cps
Phosphorus	31-2	227	170	177	191	16.21	cps
Potassium	39-2	38150	36991	37285	37475	1.61	cps
Rhodium	103-1	9856446	9719047	9846053	9807182	0.78	cps
Rhodium	103-2	4454464	4390736	4394202	4413134	0.81	cps
Scandium	45-1	7302134	7315817	7268956	7295636	0.33	cps
Scandium	45-2	185355	182290	182264	183303	0.97	cps
Selenium	82-1	130	17	173	107	75.84	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	27	43	43	38	25.46	cps
Silicon	28-1	672838	659726	666280	666281	0.98	cps
Silver	107-1	647	687	540	624	12.14	cps
Silver	109-1	413	460	457	443	5.87	cps
Sodium	23-2	105461	103944	104094	104500	0.80	cps
Strontium	86-1	933	877	920	910	3.26	cps
Strontium	88-1	2567	2424	2397	2462	3.71	cps
Sulfur	34-1	810960	816853	815333	814382	0.38	cps
Terbium	159-1	11764925	11638052	11522385	11641787	1.04	cps
Terbium	159-2	4476208	4529804	4399510	4468507	1.47	cps
Thallium	203-1	747	700	730	726	3.26	cps
Thallium	205-1	1720	1640	1733	1698	2.97	cps
Tin	118-1	4711	4661	4804	4725	1.54	cps
Titanium	47-1	780	837	707	774	8.42	cps
Uranium	238-1	743	687	707	712	4.04	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	123	117	100	113	10.61	cps
Ytterbium	172-1	53	47	87	62	34.44	cps
Ytterbium	172-2	20	13	23	19	26.96	cps
Ytterbium	176-1	1403	1547	1533	1495	5.30	cps
Ytterbium	176-2	377	433	367	392	9.17	cps
Yttrium	89-1	19292136	18766538	18727444	18928706	1.67	cps
Yttrium	89-2	1793813	1788054	1745707	1775858	1.48	cps
Zinc	66-2	4204	4214	4194	4204	0.24	cps
Zirconium	90-1	1590	1490	1610	1563	4.11	cps
Zirconium	91-1	287	310	323	307	6.05	cps