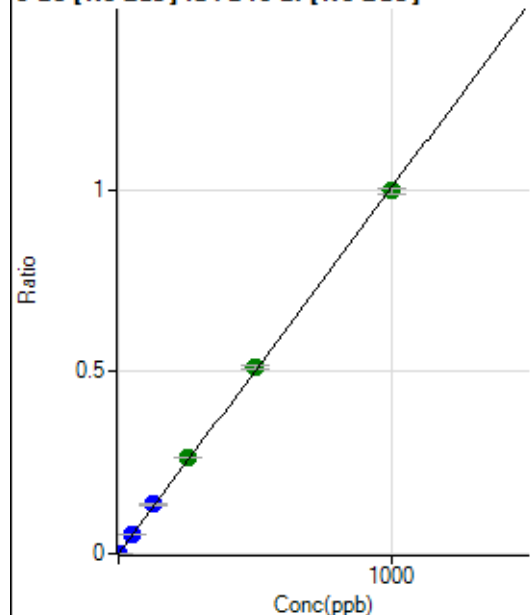


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8051925 -MS.b\
Analysis File: P8051925 -MS.batch.bin
DA Date-Time: 2025-05-19 17:38:53
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-05-19 15:58:22
2	006CALS.d	S02	2025-05-19 16:05:04
3	011CALB.d	S03	2025-05-19 16:22:40
4	012CALS.d	S04	2025-05-19 16:25:40
5	013CALS.d	S05	2025-05-19 16:28:31
6	014CALS.d	S06	2025-05-19 16:31:18
7	015CALS.d	S07	2025-05-19 16:34:03
8	016CALS.d	S08	2025-05-19 16:36:51

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	232.47	0.0000	P	3.8
2	☐	1.000	1.210	7626.03	0.0013	P	1.8
3	☐	50.000	53.480	320748.97	0.0537	P	0.6
4	☐	125.000	134.255	808258.71	0.1349	P	0.6
5	☐	250.000	261.339	1550395.03	0.2625	A	0.4
6	☐	500.000	508.941	2993224.34	0.5111	A	1.9
7	☐	1000.000	991.364	5685442.97	0.9956	A	1.4
8	☐			979.92	0.0002	P	10.1

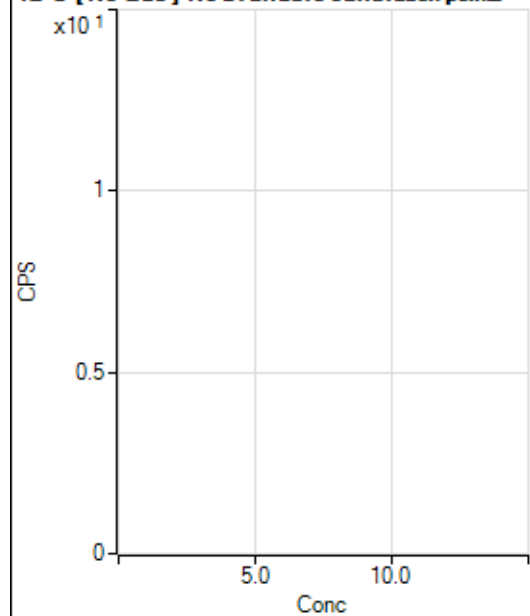
$$y = 0.0010 * x + 3.9643E-005$$

$$R = 0.9998$$

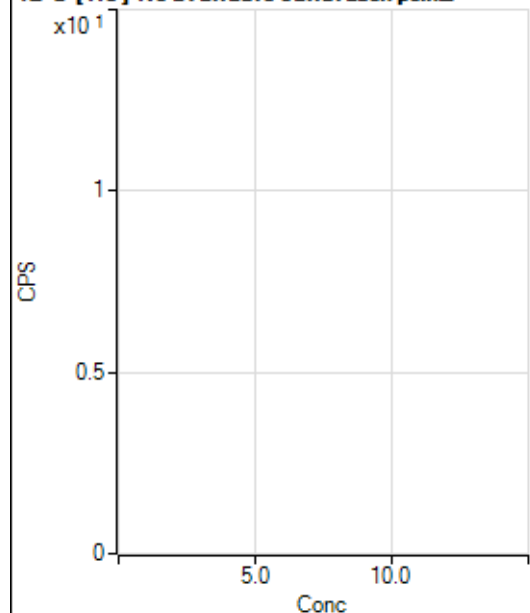
$$DL = 0.004535$$

Weight: <None>

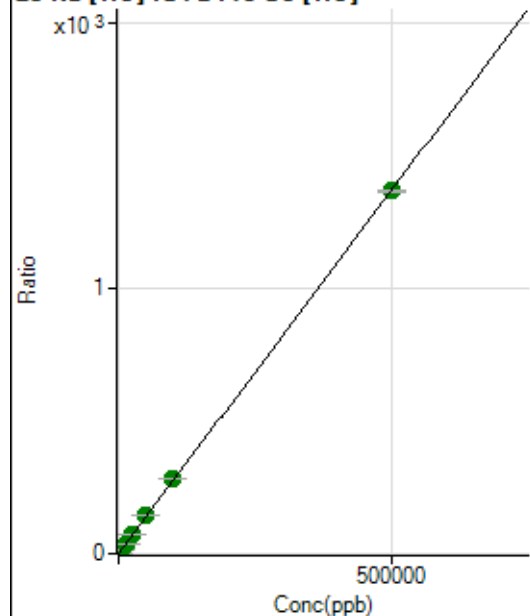
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4075234.17		A	0.4
2	☐			4198404.14		A	0.9
3	☐			4056325.60		A	1.1
4	☐			4175159.42		A	0.6
5	☐			4297420.84		A	0.5
6	☐			4428566.63		A	0.7
7	☐			4819322.71		A	2.6
8	☐			4388516.74		A	0.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27268.67		P	0.6
2	☐			28214.93		P	0.3
3	☐			26276.82		P	1.1
4	☐			27910.95		P	1.8
5	☐			28861.66		P	0.4
6	☐			30635.25		P	0.2
7	☐			35033.86		P	0.2
8	☐			39395.96		P	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	39475.54	0.1591	P	1.1
2	☐	500.000	568.553	431092.49	1.7131	P	0.8
3	☐	5000.000	5327.047	3548048.56	14.7198	A	1.7
4	☐	12500.000	13345.864	8959364.87	36.6382	A	1.7
5	☐	25000.000	26318.644	17280308.91	72.0975	A	1.5
6	☐	50000.000	51991.594	33095932.56	142.2711	A	1.0
7	☐	100000.00	102142.95	64019802.93	279.3531	A	0.5
8	☐	500000.00	499281.83	300678766.6	1,364.878	A	0.4

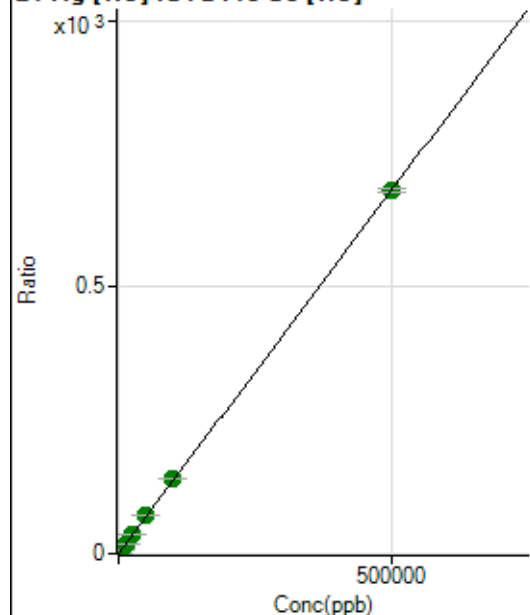
$$y = 0.0027 * x + 0.1591$$

$$R = 1.0000$$

$$DL = 1.944$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	751.14	0.0030	P	8.9
2	☐	500.000	580.480	199872.25	0.7943	P	1.4
3	☐	5000.000	5499.062	1807635.25	7.4992	A	1.1
4	☐	12500.000	13464.482	4489312.82	18.3576	A	0.3
5	☐	25000.000	26518.969	8665406.05	36.1532	A	0.6
6	☐	50000.000	52528.744	16658313.92	71.6092	A	0.7
7	☐	100000.00	102002.61	31867288.69	139.0510	A	0.1
8	☐	500000.00	499241.47	149932957.7	680.5595	A	1.1

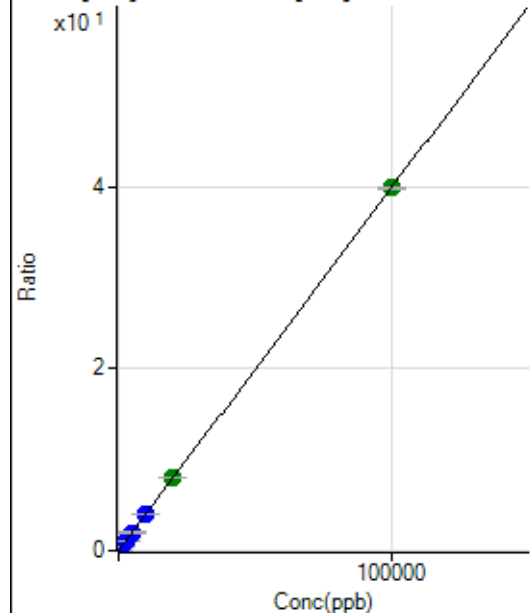
$$y = 0.0014 * x + 0.0030$$

$$R = 1.0000$$

$$DL = 0.5951$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	226.68	0.0009	P	24.8
2	☐	20.000	20.455	2285.75	0.0091	P	3.4
3	☐	1000.000	1010.702	97484.82	0.4044	P	0.9
4	☐	2500.000	2552.460	249423.37	1.0200	P	0.8
5	☐	5000.000	5023.566	480928.21	2.0066	P	1.0
6	☐	10000.000	9842.321	914331.43	3.9305	P	0.7
7	☐	20000.000	20201.577	1848616.14	8.0664	A	0.4
8	☐	100000.00	99972.856	8793109.38	39.9151	A	0.5

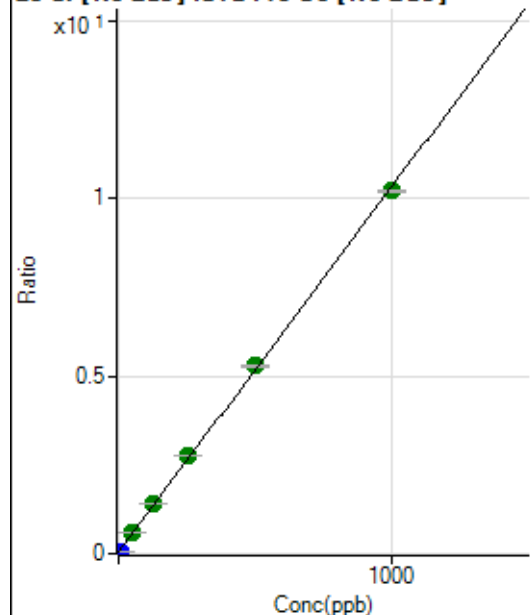
$$y = 3.9925E-004 * x + 9.1324E-004$$

$$R = 1.0000$$

$$DL = 1.699$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	593544.90	0.0437	M	4.6
2	☐	10.000	1.236	768285.06	0.0564	P	1.0
3	☐	50.000	53.122	7896681.90	0.5903	A	1.5
4	☐	125.000	131.884	19128679.02	1.4008	A	0.7
5	☐	250.000	266.147	36556049.46	2.7823	A	0.3
6	☐	500.000	511.036	69582273.41	5.3023	A	0.9
7	☐	1000.000	989.516	129971166.9	10.2258	A	0.6
8	☐			789953.44	0.0672	P	5.2

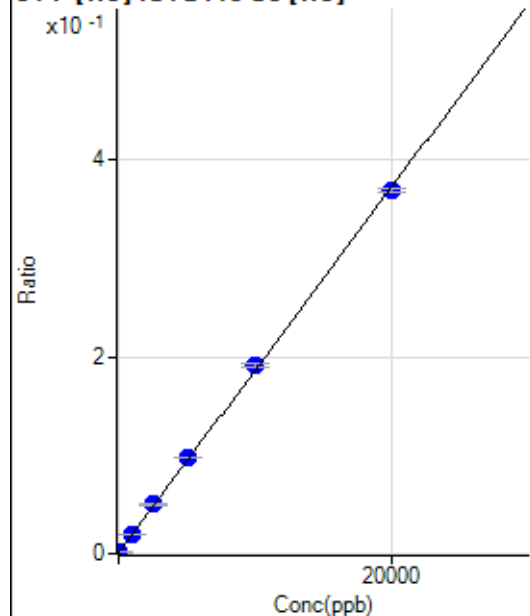
$$y = 0.0103 * x + 0.0437$$

$$R = 0.9997$$

$$DL = 0.5826$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-20.073	105.55	0.0004	P	6.5
2	☐	0.000	20.073	294.45	0.0012	P	5.1
3	☐	1000.000	1007.226	4699.69	0.0195	P	5.1
4	☐	2500.000	2645.203	12205.22	0.0499	P	2.0
5	☐	5000.000	5205.589	23354.44	0.0974	P	1.2
6	☐	10000.000	10256.109	44477.98	0.1912	P	2.0
7	☐	20000.000	19802.036	84433.61	0.3684	P	0.9
8	☐			142.22	0.0006	P	9.0

$$y = 1.8565E-005 * x + 7.9798E-004$$

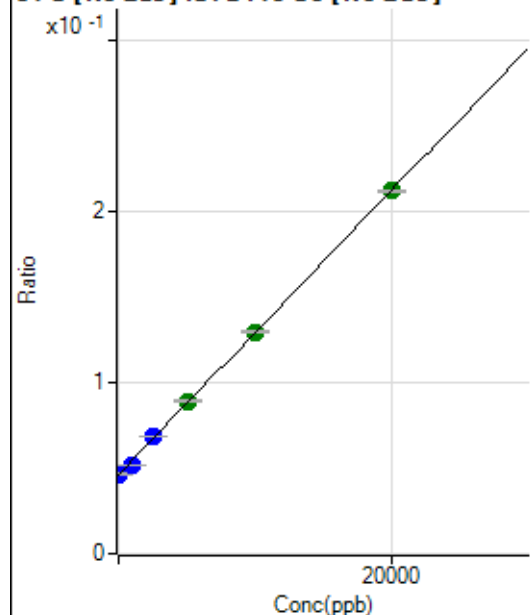
$$R = 0.9998$$

$$DL = 7.066$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-43.463	622870.56	0.0459	P	1.4
2	☐	0.000	43.463	634425.98	0.0466	P	1.7
3	☐	1000.000	664.157	692289.08	0.0518	P	1.1
4	☐	2500.000	2659.679	933099.15	0.0683	P	0.5
5	☐	5000.000	5117.872	1166084.49	0.0888	A	1.3
6	☐	10000.000	10048.017	1702219.99	0.1297	A	0.4
7	☐	20000.000	19943.356	2693435.79	0.2119	A	0.3
8	☐			475445.44	0.0405	P	1.2

$$y = 8.3074\text{E-}006 * x + 0.0462$$

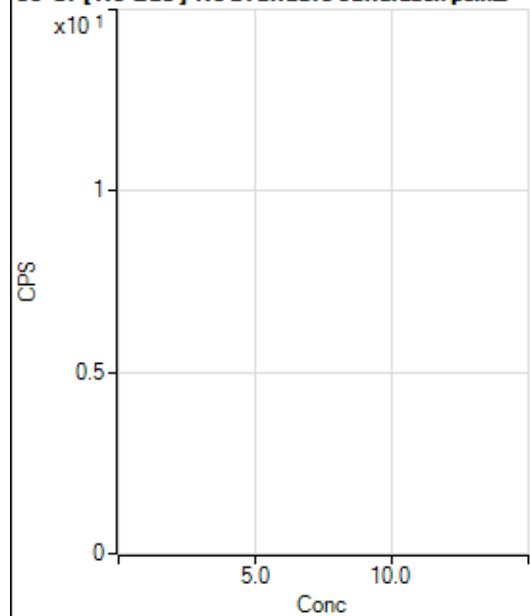
R = 0.9998

DL = 255.8

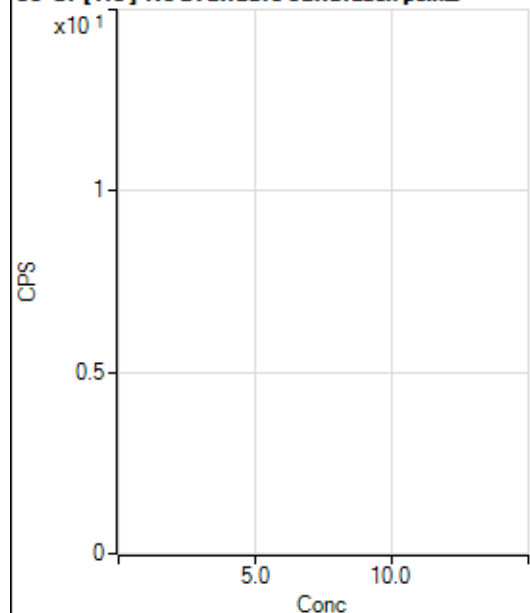
Weight: <None>

Min Conc: 0

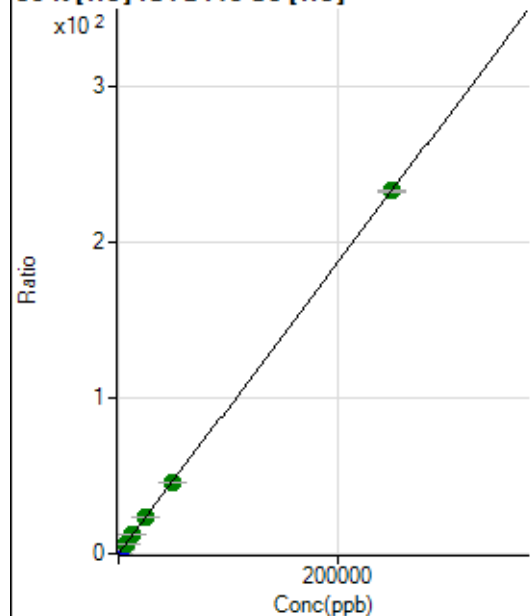
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			113967.49		P	0.2
2	☐			120504.90		P	0.5
3	☐			132462.47		P	0.1
4	☐			136382.84		P	0.4
5	☐			145692.27		P	0.2
6	☐			169181.00		P	1.3
7	☐			216405.75		P	2.8
8	☐			159794.08		P	1.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			447.79		P	5.0
2	☐			420.01		P	9.7
3	☐			466.68		P	10.1
4	☐			497.79		P	5.6
5	☐			520.02		P	10.9
6	☐			641.13		P	3.1
7	☐			808.92		P	6.8
8	☐			627.80		P	4.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15532.88	0.0626	P	1.5
2	☐	500.000	531.258	140149.19	0.5569	P	1.0
3	☐	2500.000	2472.762	569692.67	2.3635	P	0.7
4	☐	6250.000	6521.258	1499105.25	6.1306	A	1.5
5	☐	12500.000	12934.547	2899634.54	12.0981	A	1.0
6	☐	25000.000	25187.982	5466765.26	23.4999	A	0.5
7	☐	50000.000	49470.465	10563621.65	46.0947	A	0.5
8	☐	250000.00	250058.81	51273811.46	232.7413	A	0.4

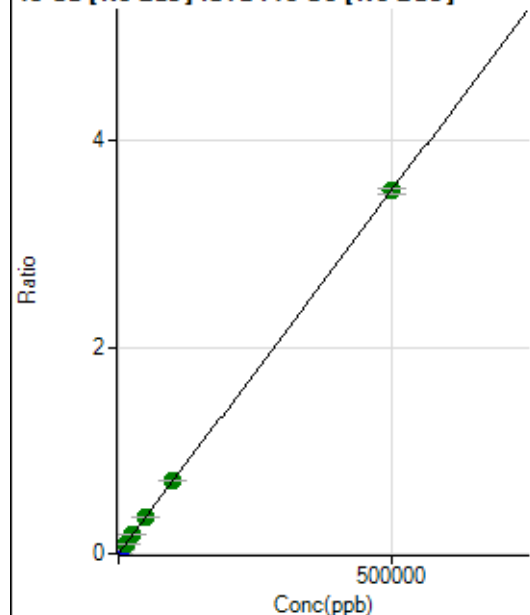
$$y = 9.3050E-004 * x + 0.0626$$

$$R = 1.0000$$

$$DL = 2.98$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1425.64	0.0001	P	8.5
2	☐	500.000	550.834	54130.19	0.0040	P	1.8
3	☐	5000.000	4979.850	469502.84	0.0351	P	0.9
4	☐	12500.000	13003.474	1249206.34	0.0915	A	0.7
5	☐	25000.000	26223.609	2422324.75	0.1844	A	1.2
6	☐	50000.000	50634.095	4670603.92	0.3559	A	1.4
7	☐	100000.00	100717.74	8996613.55	0.7078	A	0.3
8	☐	500000.00	499719.42	41251987.16	3.5115	A	1.5

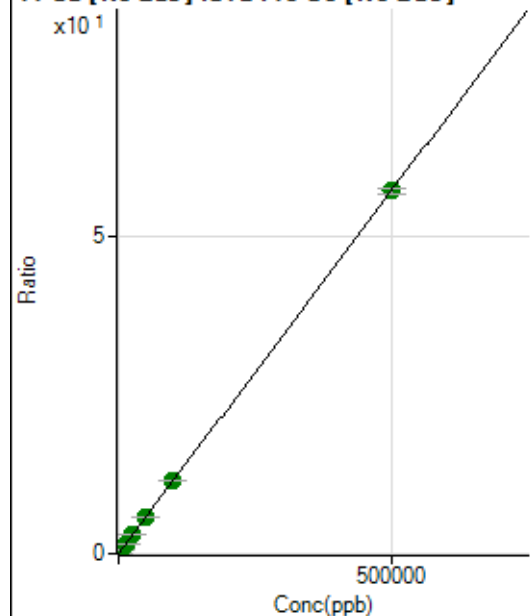
$$y = 7.0267E-006 * x + 1.0506E-004$$

$$R = 1.0000$$

$$DL = 3.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40578.52	0.0030	P	0.7
2	☐	500.000	545.719	889075.32	0.0653	P	1.1
3	☐	5000.000	5162.957	7926324.19	0.5925	A	0.5
4	☐	12500.000	12980.459	20279742.34	1.4851	A	0.5
5	☐	25000.000	25722.085	38624567.76	2.9399	A	1.3
6	☐	50000.000	50549.356	75784180.54	5.7746	A	0.7
7	☐	100000.00	100609.36	146046590.0	11.4903	A	1.0
8	☐	500000.00	499773.40	670396661.1	57.0657	A	1.4

$$y = 1.1418E-004 * x + 0.0030$$

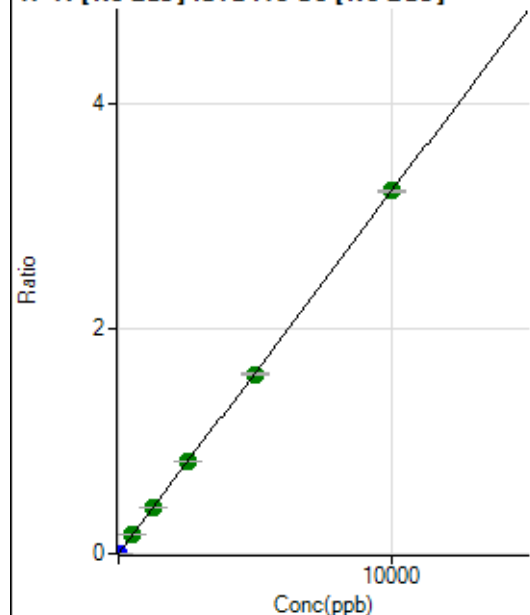
$$R = 1.0000$$

$$DL = 0.5743$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333.34	0.0000	P	6.4
2	☐	5.000	5.388	23924.46	0.0018	P	2.1
3	☐	500.000	511.573	2200929.55	0.1645	A	0.7
4	☐	1250.000	1278.836	5615464.85	0.4112	A	0.2
5	☐	2500.000	2540.575	10732833.25	0.8169	A	1.1
6	☐	5000.000	4948.213	20880482.61	1.5910	A	1.1
7	☐	10000.000	10011.566	40914651.06	3.2191	A	0.8
8	☐			4108.40	0.0003	P	5.7

$$y = 3.2153\text{E-}004 * x + 2.4536\text{E-}005$$

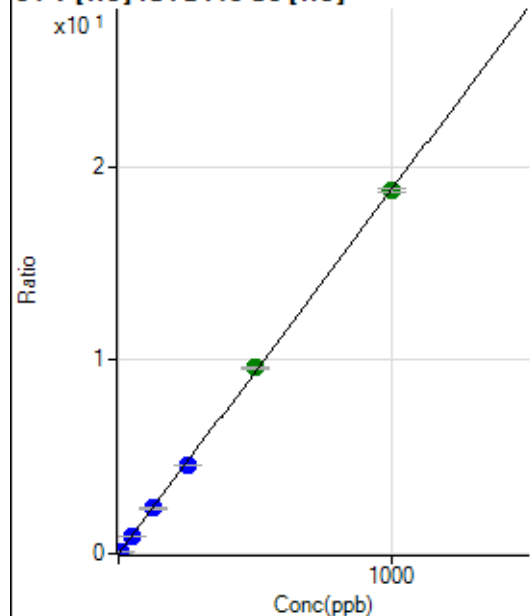
$$R = 1.0000$$

$$DL = 0.0146$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.11	0.0001	P	22.4
2	☐	5.000	5.412	25663.09	0.1020	P	2.3
3	☐	50.000	48.993	222311.29	0.9223	P	0.1
4	☐	125.000	124.184	571631.87	2.3376	P	0.8
5	☐	250.000	242.773	1095299.47	4.5698	P	0.2
6	☐	500.000	509.985	2233085.09	9.5994	A	0.9
7	☐	1000.000	996.964	4300531.85	18.7657	A	1.1
8	☐			1036.71	0.0047	P	8.8

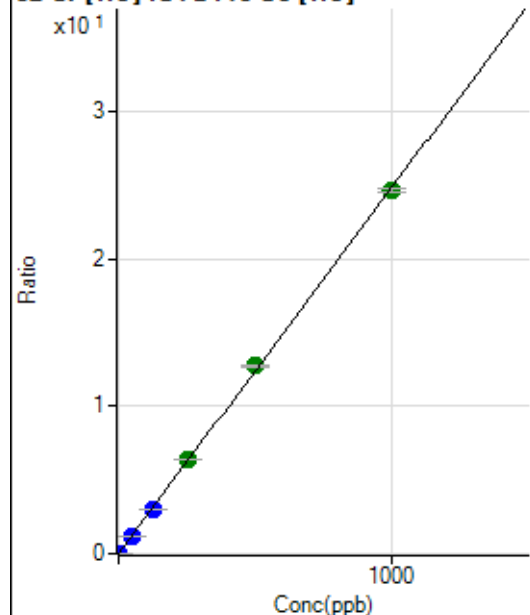
$$y = 0.0188 * x + 1.2539\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.004471$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1107.84	0.0045	P	3.5
2	☐	2.000	2.167	14650.90	0.0582	P	1.7
3	☐	50.000	49.082	294609.03	1.2222	P	0.6
4	☐	125.000	122.813	746230.21	3.0516	P	0.8
5	☐	250.000	258.060	1535746.94	6.4073	A	1.1
6	☐	500.000	512.762	2960605.86	12.7267	A	0.3
7	☐	1000.000	991.923	5641055.33	24.6153	A	1.1
8	☐			47394.30	0.2151	P	1.1

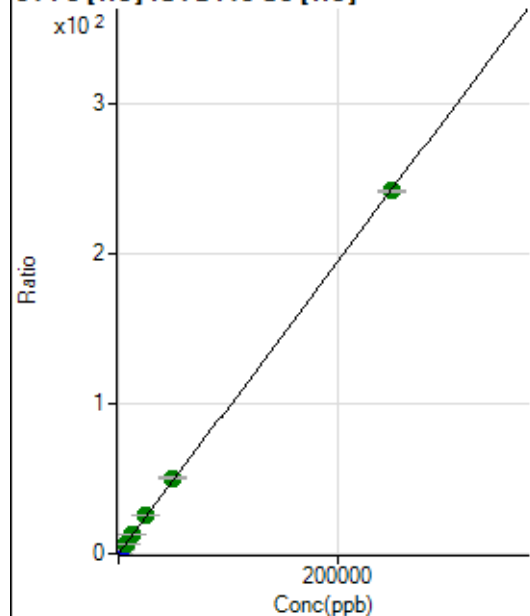
$$y = 0.0248 * x + 0.0045$$

$$R = 0.9998$$

$$DL = 0.01893$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	684.47	0.0028	P	8.8
2	☐	50.000	57.045	14612.01	0.0581	P	1.3
3	☐	2500.000	2608.026	610227.84	2.5316	P	0.3
4	☐	6250.000	6945.742	1647550.22	6.7377	A	1.4
5	☐	12500.000	13569.630	3154342.00	13.1606	A	1.4
6	☐	25000.000	26682.260	6019397.96	25.8753	A	1.1
7	☐	50000.000	52082.310	11574140.52	50.5045	A	0.6
8	☐	250000.00	249343.35	53261861.43	241.7793	A	0.9

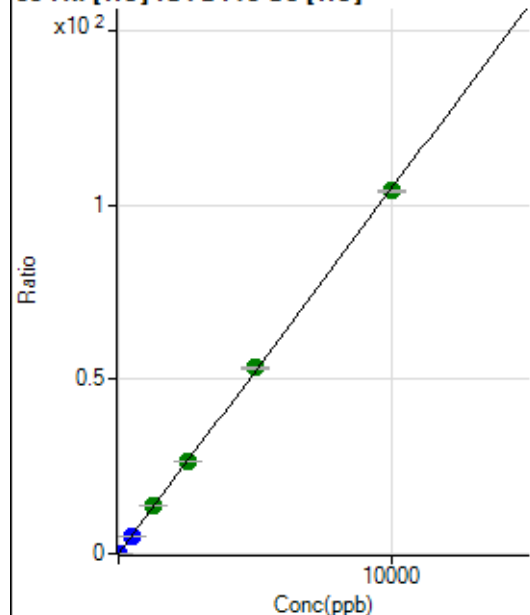
$$y = 9.6965E-004 * x + 0.0028$$

$$R = 0.9999$$

$$DL = 0.7488$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2823.64	0.0114	P	3.4
2	☐	1.000	1.046	5622.26	0.0223	P	2.4
3	☐	500.000	491.761	1245646.37	5.1678	P	0.6
4	☐	1250.000	1313.399	3370765.33	13.7832	A	0.9
5	☐	2500.000	2548.972	6408898.24	26.7390	A	0.3
6	☐	5000.000	5085.642	12407776.62	53.3376	A	0.6
7	☐	10000.000	9937.423	23882209.92	104.2116	A	0.6
8	☐			15586.39	0.0708	P	1.2

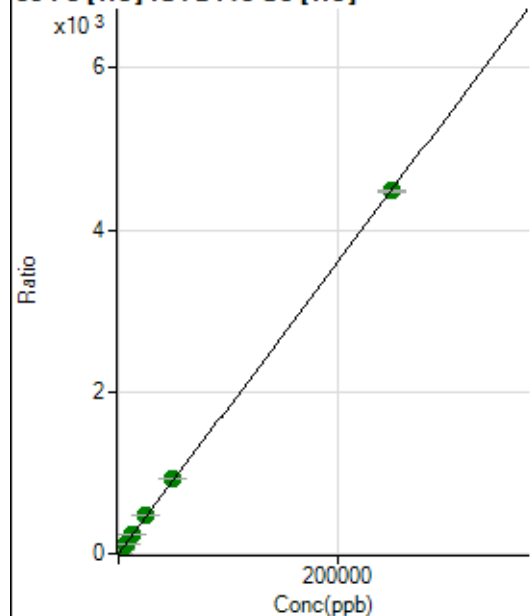
$$y = 0.0105 * x + 0.0114$$

$$R = 0.9999$$

$$DL = 0.1118$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9245.81	0.0372	P	7.6
2	☐	50.000	55.666	260974.23	1.0371	P	1.0
3	☐	2500.000	2694.998	11677120.94	48.4449	A	0.9
4	☐	6250.000	6736.991	29603739.84	121.0474	A	1.2
5	☐	12500.000	13299.538	57265091.92	238.9243	A	1.0
6	☐	25000.000	26350.850	110114583.9	473.3526	A	0.7
7	☐	50000.000	51265.534	211028823.5	920.8715	A	1.3
8	☐	250000.00	249557.70	987492625.2	4,482.606	A	0.6

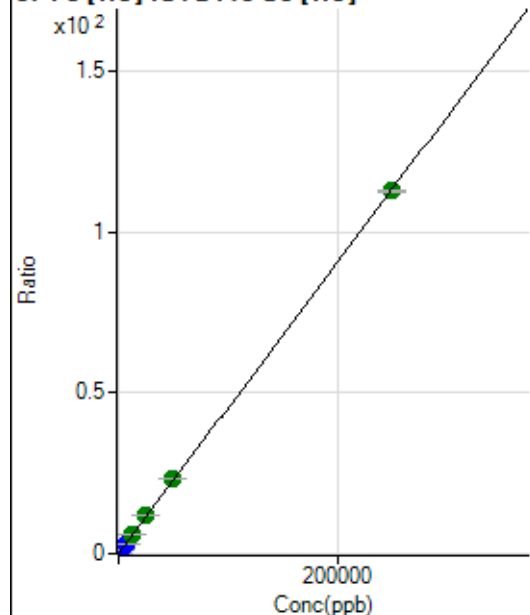
$$y = 0.0180 * x + 0.0372$$

$$R = 1.0000$$

$$DL = 0.4698$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	221.11	0.0009	P	9.3
2	☐	50.000	56.858	6694.98	0.0266	P	2.1
3	☐	2500.000	2572.116	280551.87	1.1639	P	0.6
4	☐	6250.000	6356.465	703105.66	2.8751	P	0.1
5	☐	12500.000	13509.995	1464402.16	6.1097	A	0.1
6	☐	25000.000	26822.967	2821652.25	12.1294	A	0.3
7	☐	50000.000	51397.678	5326271.66	23.2413	A	0.8
8	☐	250000.00	249484.28	24851721.57	112.8099	A	0.4

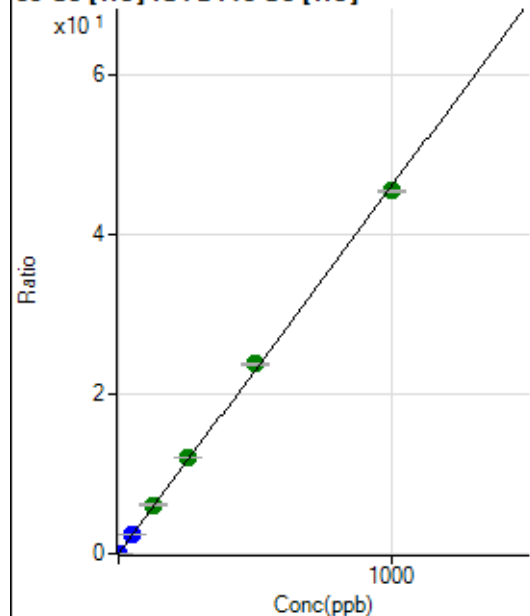
$$y = 4.5217\text{E-}004 * x + 8.9141\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.5526$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	191.11	0.0008	P	3.8
2	☐	1.000	1.140	13369.70	0.0531	P	2.8
3	☐	50.000	50.486	559164.24	2.3198	P	0.3
4	☐	125.000	132.980	1493869.61	6.1091	A	2.1
5	☐	250.000	262.569	2890939.30	12.0616	A	0.5
6	☐	500.000	516.157	5515531.17	23.7099	A	1.1
7	☐	1000.000	987.757	10398519.08	45.3723	A	0.3
8	☐			20718.52	0.0941	P	1.6

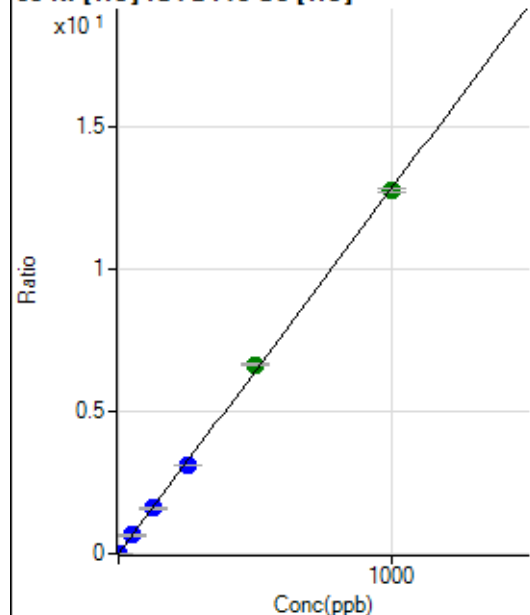
$$y = 0.0459 * x + 7.7006\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.001891$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	533.35	0.0021	P	9.0
2	☐	1.000	1.134	4195.10	0.0167	P	2.1
3	☐	50.000	49.913	154620.85	0.6415	P	0.7
4	☐	125.000	123.894	388586.34	1.5891	P	0.7
5	☐	250.000	241.816	742877.35	3.0995	P	0.9
6	☐	500.000	517.302	1541924.23	6.6281	A	1.0
7	☐	1000.000	993.538	2916815.23	12.7281	A	1.1
8	☐			12618.99	0.0573	P	3.4

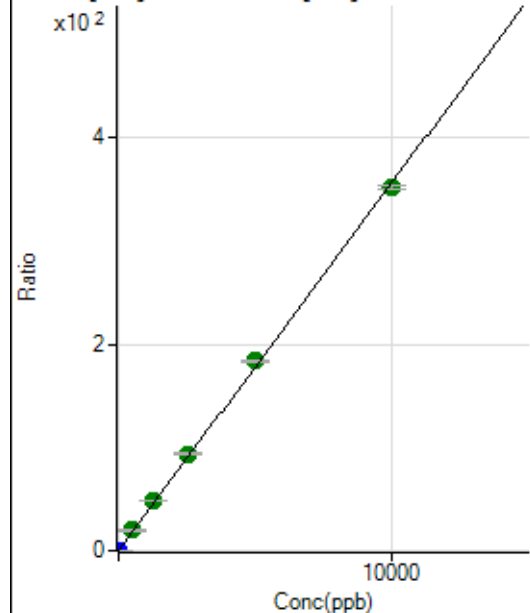
$$y = 0.0128 * x + 0.0021$$

$$R = 0.9997$$

$$DL = 0.04552$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2812.53	0.0113	P	1.8
2	☐	2.000	2.273	23222.39	0.0923	P	1.8
3	☐	500.000	549.482	4720635.86	19.5845	A	0.5
4	☐	1250.000	1348.439	11748666.63	48.0442	A	1.4
5	☐	2500.000	2640.716	22547671.33	94.0765	A	1.4
6	☐	5000.000	5155.903	42727092.42	183.6702	A	0.1
7	☐	10000.000	9872.090	80595963.24	351.6660	A	0.9
8	☐			21485.24	0.0975	P	2.0

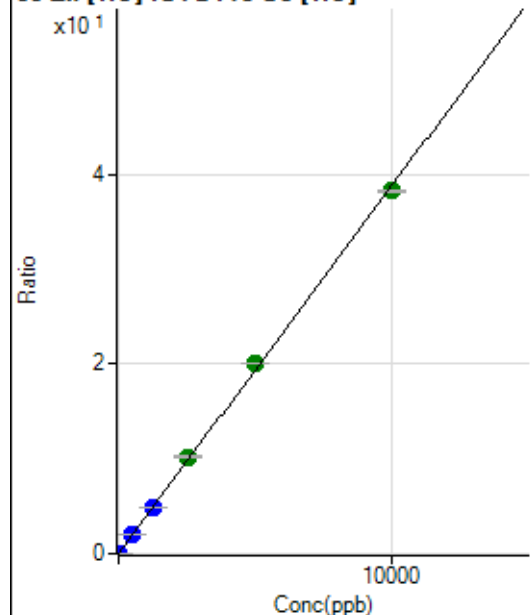
$$y = 0.0356 * x + 0.0113$$

$$R = 0.9997$$

$$DL = 0.01679$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	861.15	0.0035	P	3.4
2	☐	2.000	5.893	6617.16	0.0263	P	0.6
3	☐	500.000	505.847	473126.22	1.9629	P	0.2
4	☐	1250.000	1248.050	1183013.53	4.8377	P	0.7
5	☐	2500.000	2639.268	2451031.58	10.2266	A	2.0
6	☐	5000.000	5187.112	4674818.02	20.0956	A	0.6
7	☐	10000.000	9871.578	8763757.30	38.2407	A	0.9
8	☐			49656.64	0.2254	P	1.1

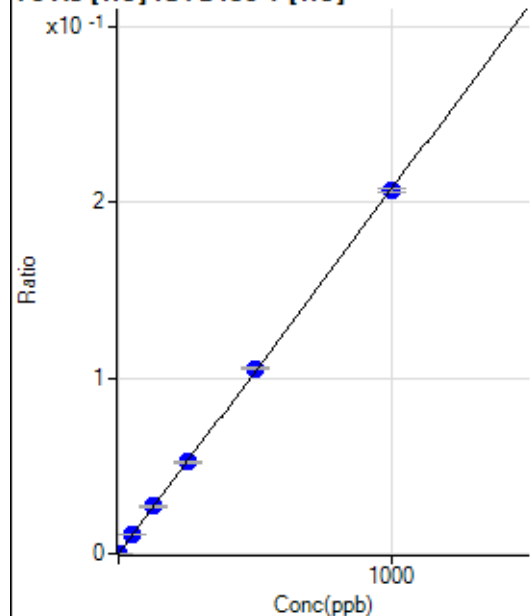
$$y = 0.0039 * x + 0.0035$$

$$R = 0.9996$$

$$DL = 0.0915$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	69.0
2	☐	1.000	1.157	677.80	0.0002	P	18.4
3	☐	50.000	51.389	28682.57	0.0107	P	0.6
4	☐	125.000	130.081	73381.82	0.0270	P	1.7
5	☐	250.000	251.948	142037.11	0.0523	P	1.5
6	☐	500.000	507.711	273824.11	0.1054	P	1.4
7	☐	1000.000	994.953	528387.01	0.2066	P	1.0
8	☐			261.12	0.0001	P	10.6

$$y = 2.0768E-004 * x + 4.5013E-006$$

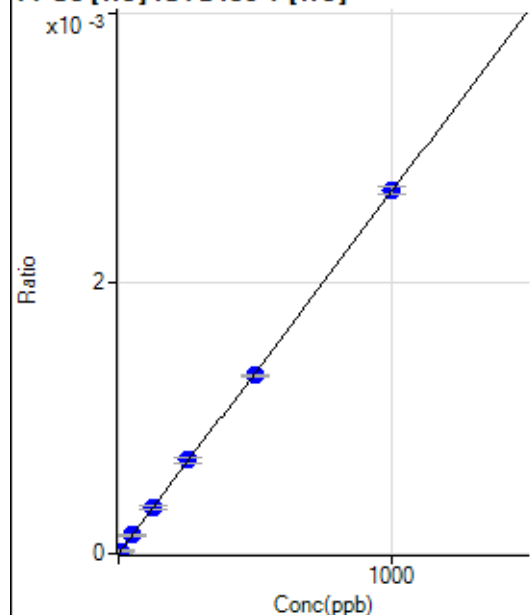
$$R = 0.9999$$

$$DL = 0.04488$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	6.415	48.89	0.0000	P	49.6
3	☐	50.000	50.938	367.79	0.0001	P	6.4
4	☐	125.000	126.452	921.15	0.0003	P	6.0
5	☐	250.000	258.297	1880.14	0.0007	P	6.7
6	☐	500.000	491.287	3419.33	0.0013	P	1.2
7	☐	1000.000	1002.046	6866.18	0.0027	P	2.1
8	☐			5.56	0.0000	P	34.5

$$y = 2.6792\text{E-}006 * x + 4.0925\text{E-}007$$

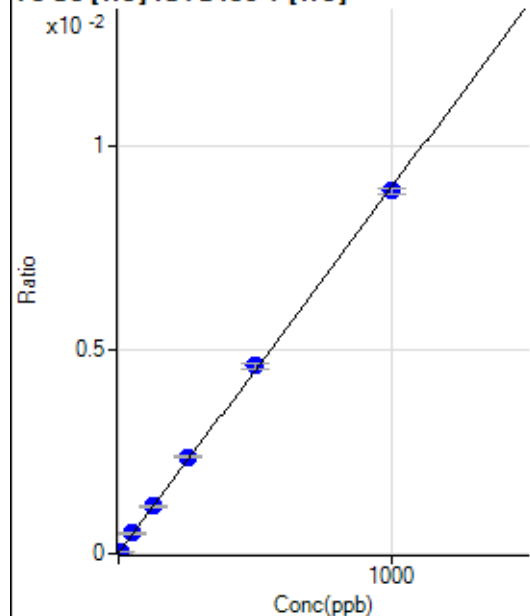
$$R = 0.9999$$

$$DL = 0.7937$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.44	0.0000	P	33.1
2	☐	5.000	5.998	184.45	0.0001	P	2.6
3	☐	50.000	54.185	1342.30	0.0005	P	3.3
4	☐	125.000	128.240	3164.83	0.0012	P	2.7
5	☐	250.000	262.830	6447.09	0.0024	P	2.1
6	☐	500.000	512.256	11989.63	0.0046	P	3.0
7	☐	1000.000	990.046	22790.76	0.0089	P	1.6
8	☐			35.56	0.0000	P	13.9

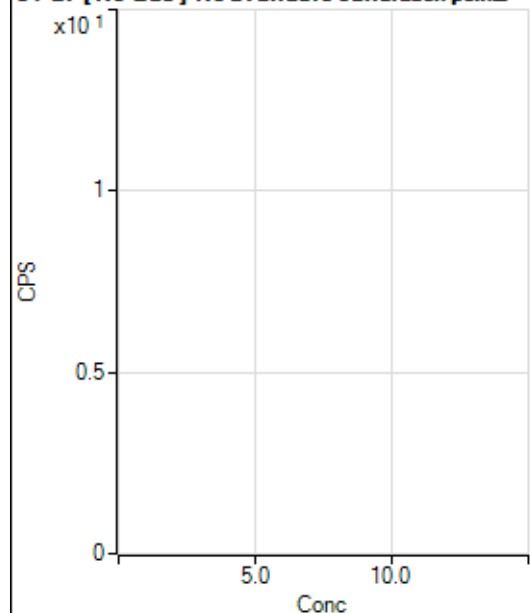
$$y = 8.9894\text{E-}006 * x + 1.2612\text{E-}005$$

$$R = 0.9998$$

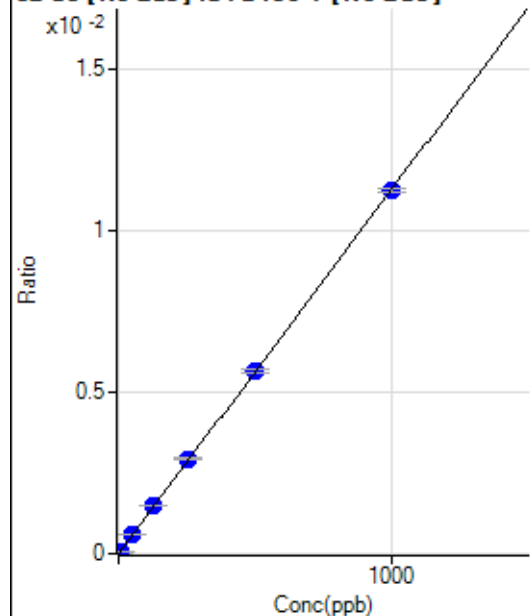
$$DL = 1.393$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36300.31		P	0.4
2	☐			36574.42		P	1.2
3	☐			35582.91		P	1.8
4	☐			35706.66		P	1.5
5	☐			35339.02		P	1.9
6	☐			35444.89		P	0.9
7	☐			34596.05		P	1.1
8	☐			31044.41		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-11.11	0.0000	P	-323.
2	☐	5.000	5.643	2422.51	0.0001	P	0.4
3	☐	50.000	52.236	22445.19	0.0006	P	1.9
4	☐	125.000	130.754	57350.07	0.0015	P	1.5
5	☐	250.000	260.602	110674.78	0.0029	P	1.8
6	☐	500.000	500.223	212956.46	0.0056	P	1.8
7	☐	1000.000	996.404	411817.08	0.0113	P	1.0
8	☐			351.13	0.0000	P	11.0

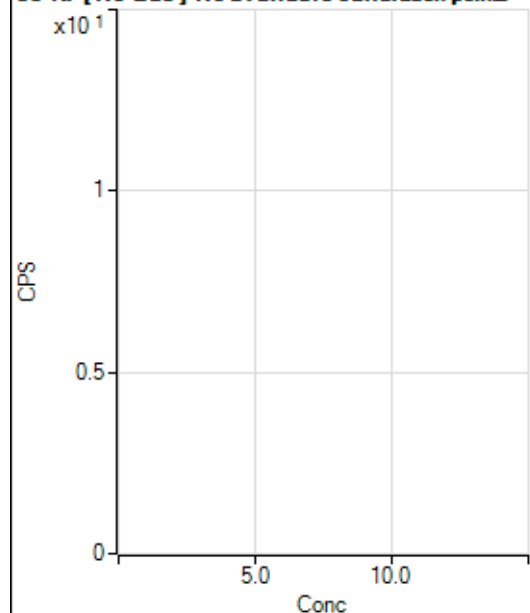
$$y = 1.1293E-005 * x - 2.9576E-007$$

$$R = 0.9999$$

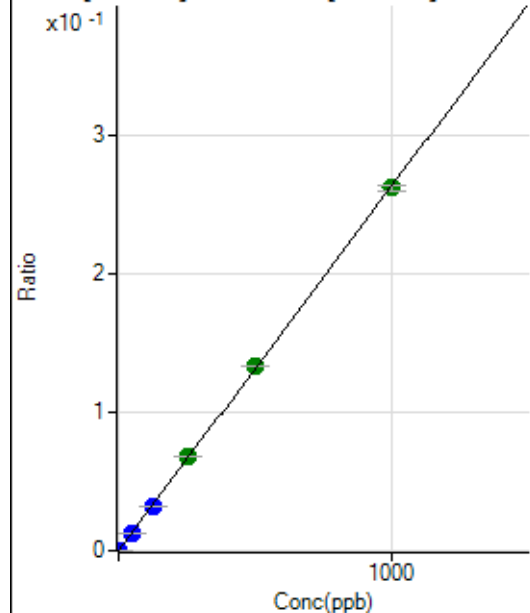
$$DL = 0.2538$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			283.34		P	5.1
2	☐			297.78		P	4.7
3	☐			313.34		P	8.3
4	☐			266.67		P	9.9
5	☐			302.23		P	20.4
6	☐			326.67		P	10.4
7	☐			354.45		P	2.7
8	☐			368.90		P	12.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	540.02	0.0000	P	5.9
2	☐	1.000	1.038	11002.18	0.0003	P	2.2
3	☐	50.000	47.899	481332.34	0.0126	P	1.5
4	☐	125.000	120.003	1229655.52	0.0317	P	1.5
5	☐	250.000	258.550	2564711.77	0.0682	A	0.6
6	☐	500.000	505.830	5028476.38	0.1334	A	0.4
7	☐	1000.000	995.677	9608284.58	0.2625	A	1.4
8	☐			28609.32	0.0008	P	2.4

$$y = 2.6365E-004 * x + 1.4446E-005$$

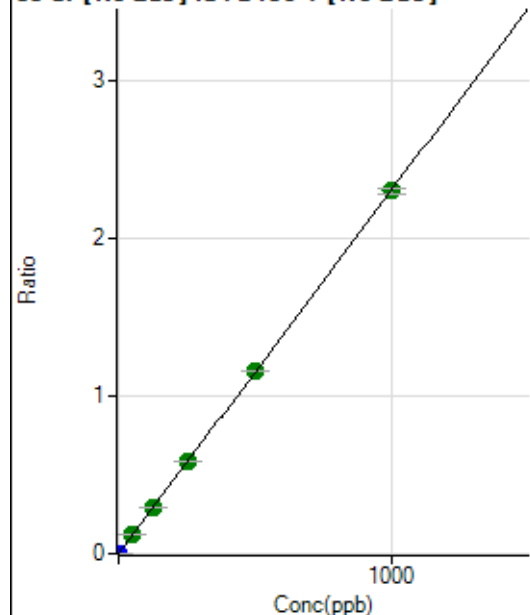
$$R = 0.9999$$

$$DL = 0.009711$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	711.14	0.0000	P	3.0
2	☐	1.000	1.043	92602.01	0.0024	P	0.2
3	☐	50.000	51.338	4509911.84	0.1185	A	0.3
4	☐	125.000	127.274	11406873.44	0.2936	A	0.6
5	☐	250.000	252.277	21892389.40	0.5820	A	0.3
6	☐	500.000	502.200	43677206.02	1.1586	A	0.8
7	☐	1000.000	997.980	84269479.86	2.3023	A	1.3
8	☐			245691.10	0.0072	P	0.9

$$y = 0.0023 * x + 1.9031E-005$$

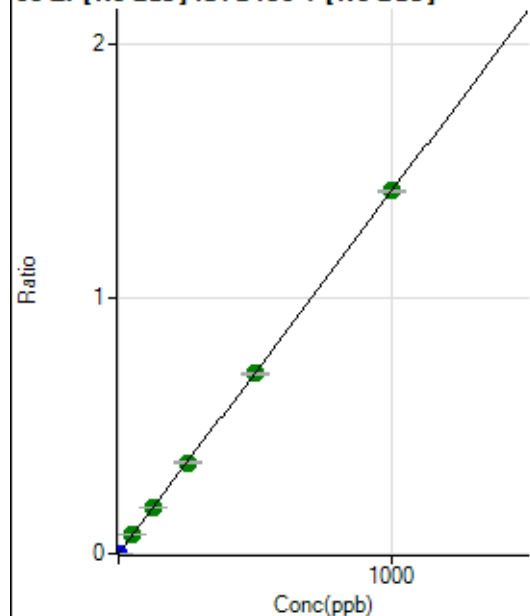
$$R = 1.0000$$

$$DL = 0.0007306$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2180.20	0.0001	P	2.3
2	☐	1.000	1.023	57708.64	0.0015	P	0.6
3	☐	50.000	50.877	2753166.84	0.0723	A	0.9
4	☐	125.000	126.067	6957447.88	0.1791	A	0.3
5	☐	250.000	251.325	13428038.96	0.3570	A	1.3
6	☐	500.000	496.500	26586149.88	0.7052	A	1.3
7	☐	1000.000	1001.242	52047160.33	1.4220	A	0.5
8	☐			24668.52	0.0007	P	1.4

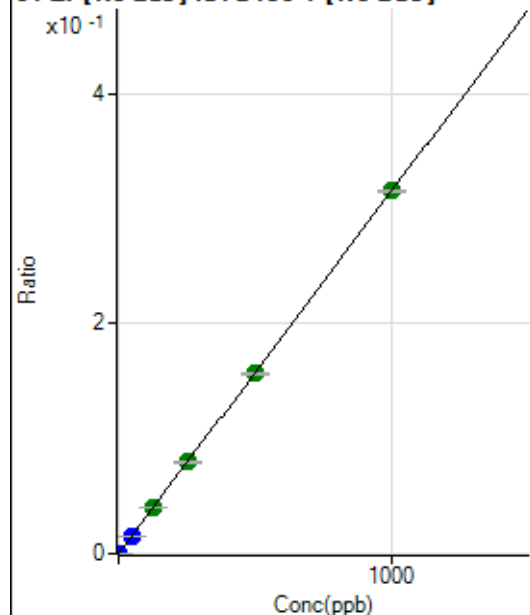
$$y = 0.0014 * x + 5.8341E-005$$

$$R = 1.0000$$

$$DL = 0.002808$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	401.12	0.0000	P	1.3
2	☐	1.000	1.026	12760.37	0.0003	P	1.1
3	☐	50.000	47.780	573541.61	0.0151	P	0.7
4	☐	125.000	128.023	1567234.96	0.0403	A	1.8
5	☐	250.000	252.530	2992946.21	0.0796	A	1.4
6	☐	500.000	497.312	5907373.52	0.1567	A	0.8
7	☐	1000.000	1000.445	11537180.66	0.3152	A	0.3
8	☐			5492.24	0.0002	P	0.1

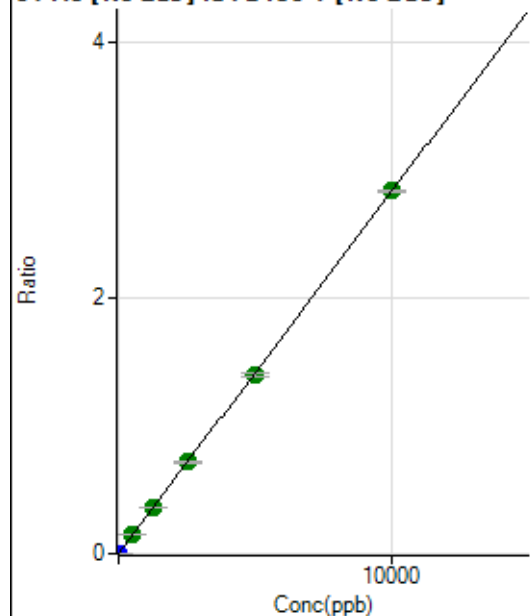
$$y = 3.1504\text{E-}004 * x + 1.0733\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.001334$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	754.48	0.0000	P	9.8
2	☐	5.000	6.168	67530.45	0.0018	P	0.4
3	☐	500.000	512.498	5530798.53	0.1453	A	0.6
4	☐	1250.000	1264.742	13924938.40	0.3584	A	0.5
5	☐	2500.000	2525.925	26927079.04	0.7159	A	1.0
6	☐	5000.000	4944.247	52828290.88	1.4012	A	1.4
7	☐	10000.000	10018.927	103927988.4	2.8394	A	0.2
8	☐			20935.83	0.0006	P	3.2

$$y = 2.8340\text{E-}004 * x + 2.0188\text{E-}005$$

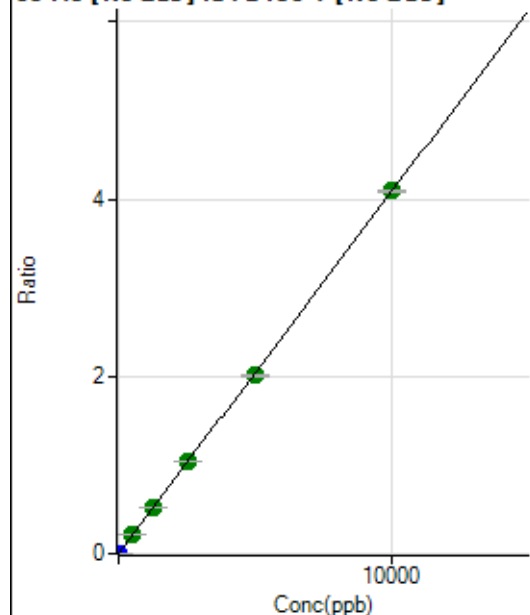
$$R = 1.0000$$

$$DL = 0.02098$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	287.79	0.0000	P	13.4
2	☐	5.000	5.169	80942.64	0.0021	P	0.8
3	☐	500.000	510.938	7947195.65	0.2087	A	0.8
4	☐	1250.000	1255.624	19927689.29	0.5130	A	0.4
5	☐	2500.000	2540.599	39040833.31	1.0379	A	1.1
6	☐	5000.000	4934.825	76006576.09	2.0160	A	0.9
7	☐	10000.000	10021.188	149847813.3	4.0940	A	0.8
8	☐			20270.44	0.0006	P	4.3

$$y = 4.0853\text{E-}004 * x + 7.7009\text{E-}006$$

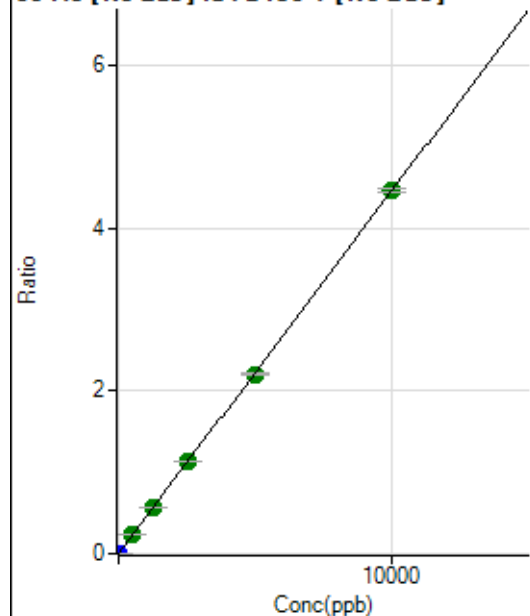
$$R = 1.0000$$

$$DL = 0.007594$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	434.46	0.0000	P	11.5
2	☐	5.000	5.244	89606.54	0.0023	P	0.5
3	☐	500.000	507.860	8607625.08	0.2261	A	1.2
4	☐	1250.000	1255.459	21712105.51	0.5589	A	1.1
5	☐	2500.000	2543.551	42596566.03	1.1323	A	1.2
6	☐	5000.000	4957.881	83208371.54	2.2071	A	0.9
7	☐	10000.000	10009.096	163093673.1	4.4558	A	1.2
8	☐			36478.96	0.0011	P	2.4

$$y = 4.4517\text{E-}004 * x + 1.1628\text{E-}005$$

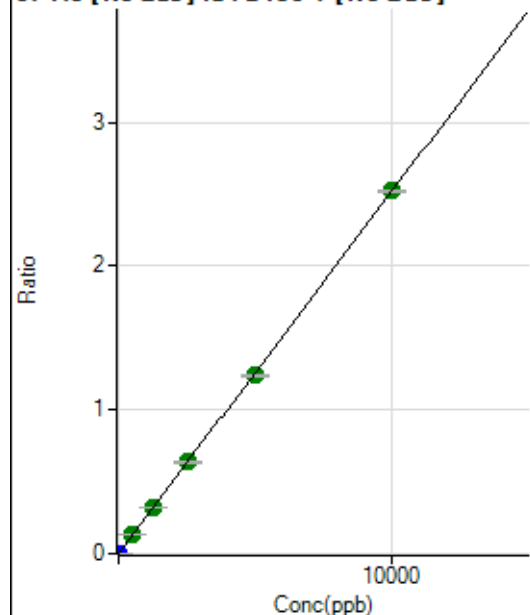
$$R = 1.0000$$

$$DL = 0.009018$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	181.12	0.0000	P	26.3
2	☐	5.000	5.125	49467.66	0.0013	P	0.9
3	☐	500.000	510.669	4894887.32	0.1286	A	0.9
4	☐	1250.000	1269.216	12413349.12	0.3195	A	0.7
5	☐	2500.000	2535.975	24019467.70	0.6385	A	1.5
6	☐	5000.000	4928.553	46777043.19	1.2408	A	1.3
7	☐	10000.000	10023.794	92364277.51	2.5236	A	0.9
8	☐			12177.66	0.0004	P	4.8

$$y = 2.5176E-004 * x + 4.8473E-006$$

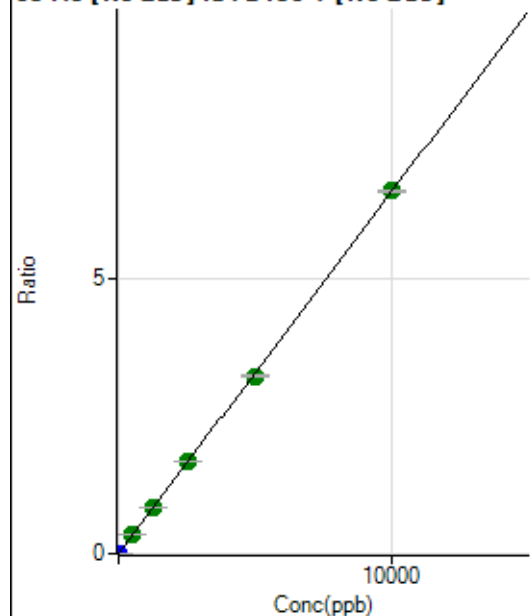
$$R = 1.0000$$

$$DL = 0.0152$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	494.46	0.0000	P	3.7
2	☐	5.000	5.125	128852.74	0.0034	P	0.4
3	☐	500.000	513.243	12814013.97	0.3366	A	0.7
4	☐	1250.000	1269.722	32346398.41	0.8326	A	0.5
5	☐	2500.000	2549.313	62889859.62	1.6717	A	1.0
6	☐	5000.000	4905.625	121276311.5	3.2169	A	1.1
7	☐	10000.000	10031.732	240777800.8	6.5783	A	0.7
8	☐			30410.14	0.0009	P	6.3

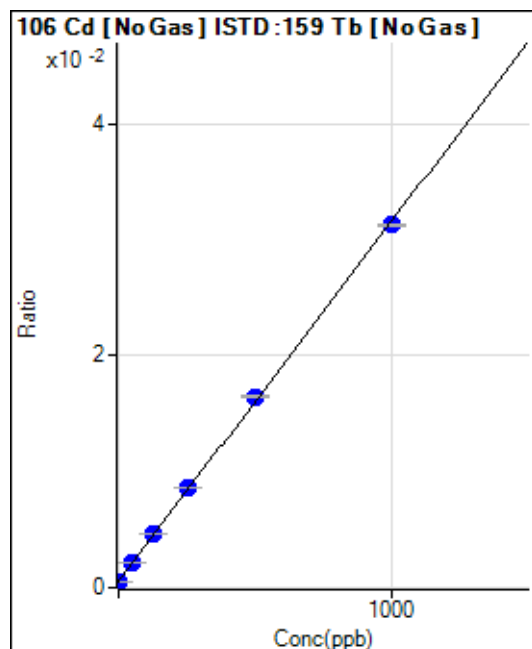
$$y = 6.5575E-004 * x + 1.3228E-005$$

$$R = 0.9999$$

$$DL = 0.002253$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13723.60	0.0006	P	1.2
2	☐	1.000	0.452	14642.30	0.0006	P	0.7
3	☐	50.000	51.872	56440.41	0.0022	P	1.2
4	☐	125.000	132.526	121413.90	0.0047	P	0.3
5	☐	250.000	259.114	222772.07	0.0086	P	0.2
6	☐	500.000	512.362	418664.25	0.0164	P	0.9
7	☐	1000.000	990.507	792714.28	0.0313	P	0.5
8	☐			12464.60	0.0005	P	1.4

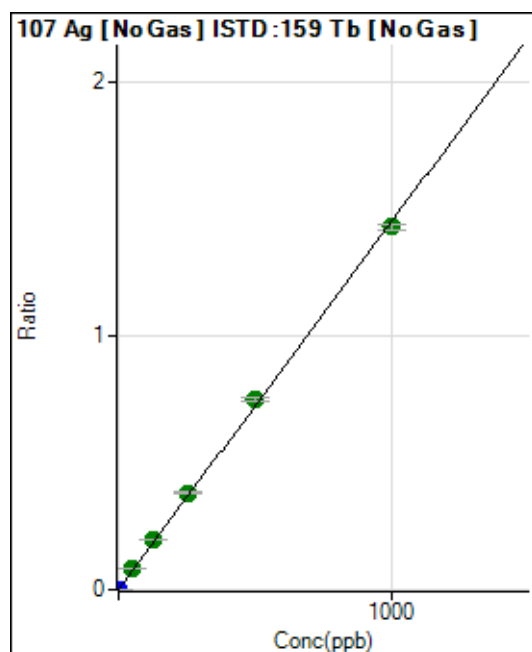
$$y = 3.1010\text{E-}005 * x + 5.5712\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.6603$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	260.01	0.0000	P	5.8
2	☐	1.000	1.080	40394.56	0.0016	P	2.8
3	☐	50.000	55.487	2096572.36	0.0804	A	1.1
4	☐	125.000	136.871	5162262.70	0.1984	A	0.7
5	☐	250.000	262.456	9863713.60	0.3805	A	1.9
6	☐	500.000	517.729	19105641.38	0.7505	A	2.2
7	☐	1000.000	986.263	36241486.68	1.4298	A	1.3
8	☐			3724.98	0.0002	P	11.2

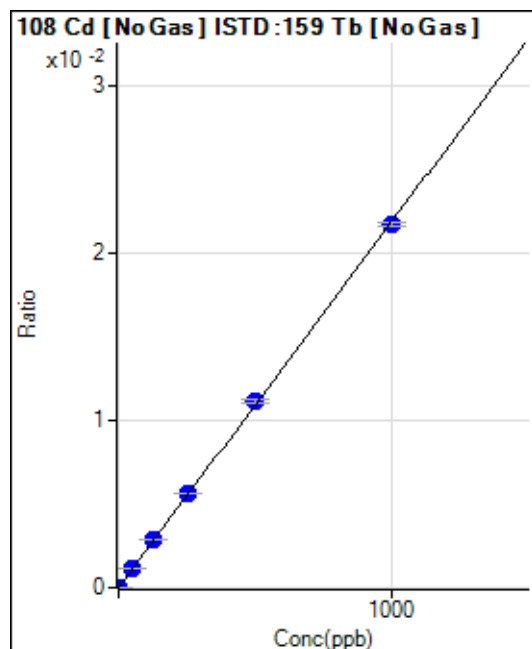
$$y = 0.0014 * x + 1.0561\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.001269$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0000	P	40.1
2	☐	1.000	1.112	665.58	0.0000	P	11.0
3	☐	50.000	52.676	30051.78	0.0012	P	0.6
4	☐	125.000	133.268	75832.52	0.0029	P	0.5
5	☐	250.000	257.350	145891.15	0.0056	P	0.7
6	☐	500.000	509.529	283571.68	0.0111	P	1.9
7	☐	1000.000	992.231	549837.20	0.0217	P	1.0
8	☐			237.78	0.0000	P	13.9

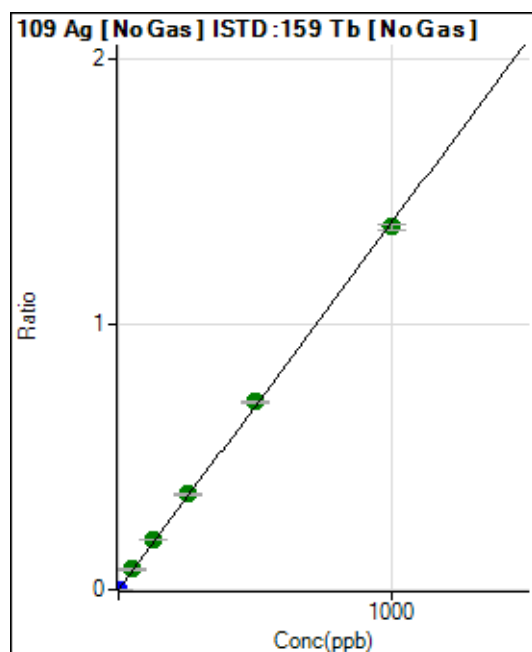
$$y = 2.1860\text{E-}005 * x + 1.6322\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.08991$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0000	P	6.5
2	☐	1.000	1.081	38452.41	0.0015	P	1.2
3	☐	50.000	55.044	1986448.13	0.0762	A	1.1
4	☐	125.000	137.624	4957814.47	0.1906	A	0.9
5	☐	250.000	261.617	9391571.46	0.3623	A	1.8
6	☐	500.000	512.436	18062035.42	0.7096	A	1.5
7	☐	1000.000	989.047	34714672.82	1.3695	A	1.3
8	☐			3447.14	0.0001	P	10.0

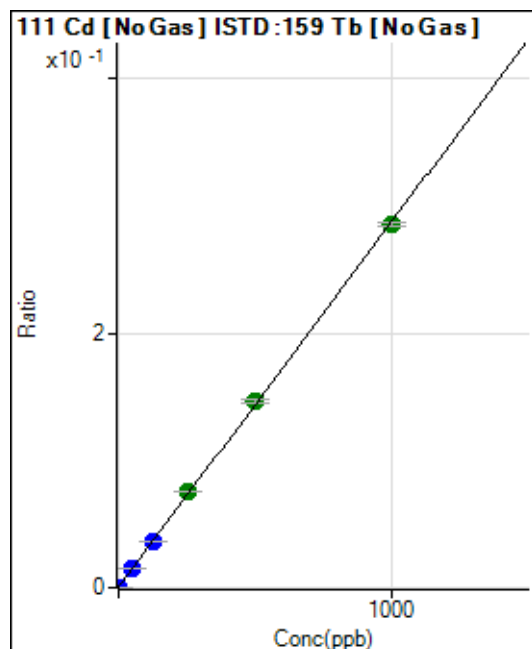
$$y = 0.0014 * x + 3.5643\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.0005005$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9622.97	0.0004	P	1.1
2	☐	1.000	1.063	17838.35	0.0007	P	1.0
3	☐	50.000	50.019	384317.88	0.0147	P	1.2
4	☐	125.000	126.196	952477.88	0.0366	P	0.5
5	☐	250.000	260.562	1949057.71	0.0752	A	0.1
6	☐	500.000	510.205	3737394.64	0.1468	A	1.9
7	☐	1000.000	992.107	7227638.36	0.2851	A	0.9
8	☐			9599.93	0.0004	P	1.0

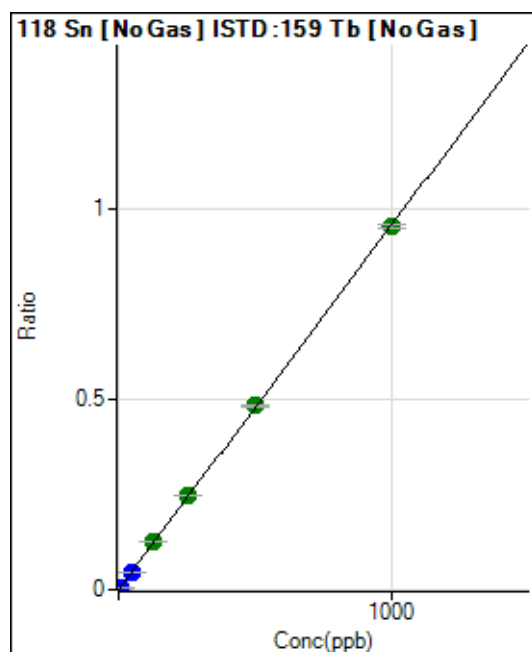
$$y = 2.8701\text{E-}004 * x + 3.9064\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.04496$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4112.88	0.0002	P	2.6
2	☐	5.000	5.184	131208.86	0.0051	P	1.3
3	☐	50.000	48.785	1218595.23	0.0468	P	1.0
4	☐	125.000	132.927	3307223.18	0.1271	A	0.8
5	☐	250.000	257.100	6370228.17	0.2457	A	1.0
6	☐	500.000	504.144	12261094.68	0.4817	A	0.8
7	☐	1000.000	995.222	24097542.14	0.9507	A	1.2
8	☐			8382.63	0.0004	P	2.9

$$y = 9.5505\text{E-}004 * x + 1.6699\text{E-}004$$

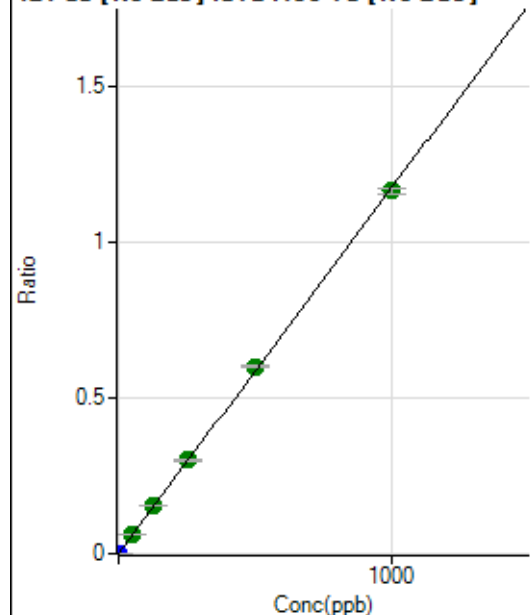
$$R = 0.9999$$

$$DL = 0.01367$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.11	0.0000	P	4.4
2	☐	2.000	2.081	62691.64	0.0024	P	0.9
3	☐	50.000	52.259	1597284.92	0.0613	A	0.2
4	☐	125.000	131.822	4022066.54	0.1546	A	0.3
5	☐	250.000	255.772	7776862.11	0.3000	A	0.7
6	☐	500.000	510.409	15237265.19	0.5986	A	1.1
7	☐	1000.000	992.386	29499836.50	1.1638	A	1.5
8	☐			20003.62	0.0009	P	3.5

$$y = 0.0012 * x + 4.5075E-006$$

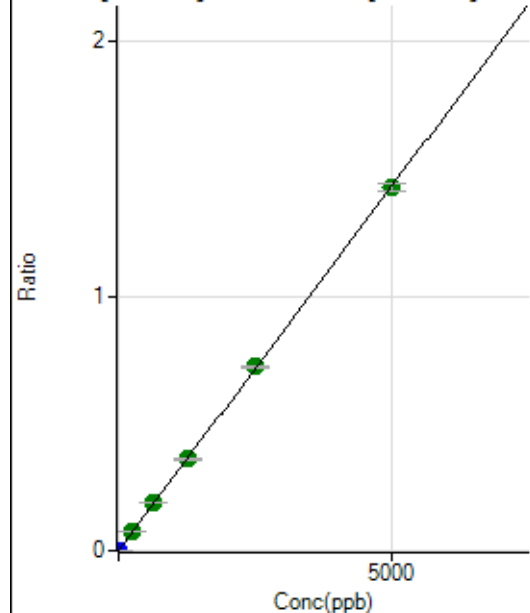
$$R = 0.9999$$

$$DL = 0.000506$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	182.23	0.0000	P	15.7
2	☐	10.000	10.407	76527.70	0.0030	P	0.6
3	☐	250.000	258.092	1924657.18	0.0739	A	1.2
4	☐	625.000	657.361	4893615.34	0.1881	A	0.3
5	☐	1250.000	1259.895	9345524.17	0.3605	A	1.3
6	☐	2500.000	2523.886	18383261.81	0.7221	A	1.2
7	☐	5000.000	4981.133	36125595.02	1.4252	A	2.0
8	☐			13391.15	0.0006	P	2.9

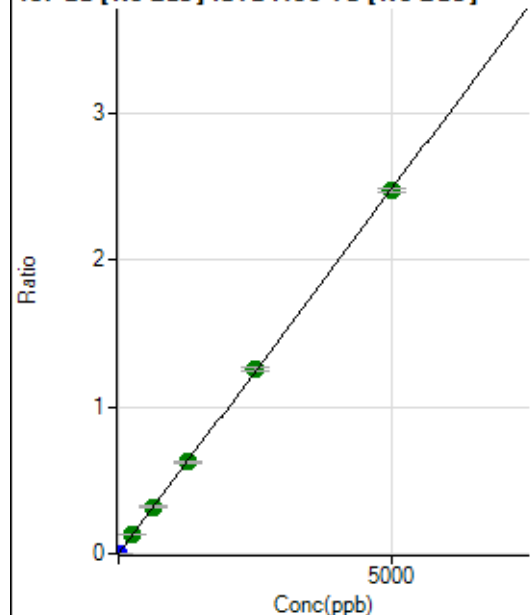
$$y = 2.8612E-004 * x + 7.3881E-006$$

$$R = 1.0000$$

$$DL = 0.01214$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	254.45	0.0000	P	16.5
2	☐	10.000	10.401	132592.98	0.0052	P	0.4
3	☐	250.000	258.160	3339072.70	0.1281	A	0.5
4	☐	625.000	646.061	8341346.20	0.3206	A	0.6
5	☐	1250.000	1256.325	16164490.59	0.6235	A	1.7
6	☐	2500.000	2535.156	32025991.47	1.2581	A	1.6
7	☐	5000.000	4977.800	62616671.29	2.4703	A	0.9
8	☐			23288.95	0.0010	P	2.4

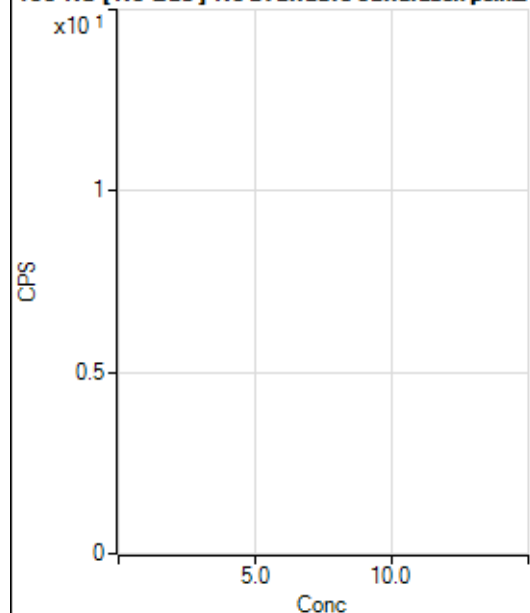
$$y = 4.9625E-004 * x + 1.0325E-005$$

$$R = 1.0000$$

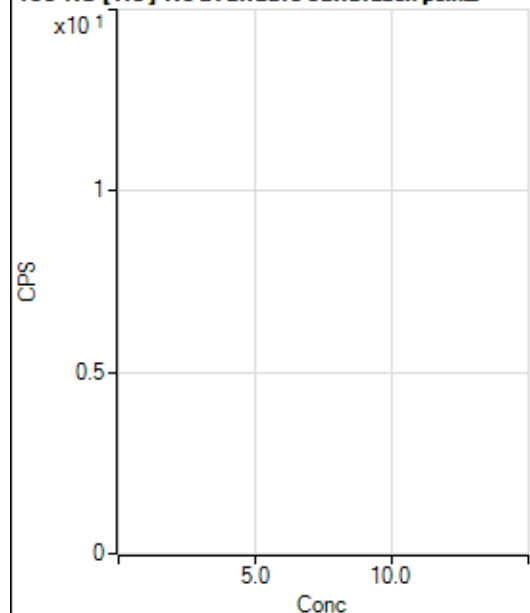
$$DL = 0.01029$$

Weight: <None>

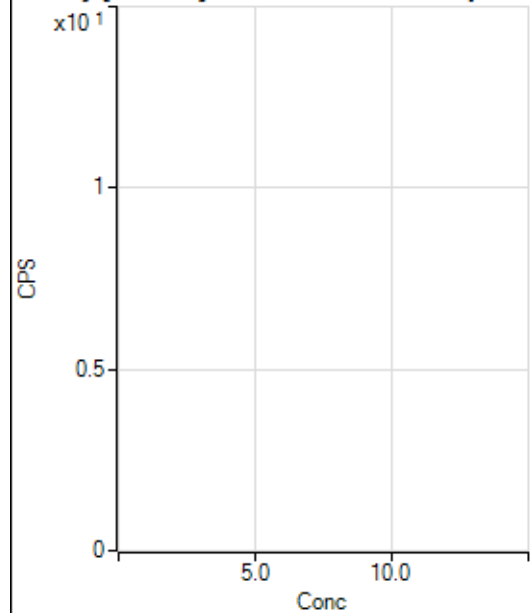
Min Conc: 0

150 Nd [No Gas] No available calibration points

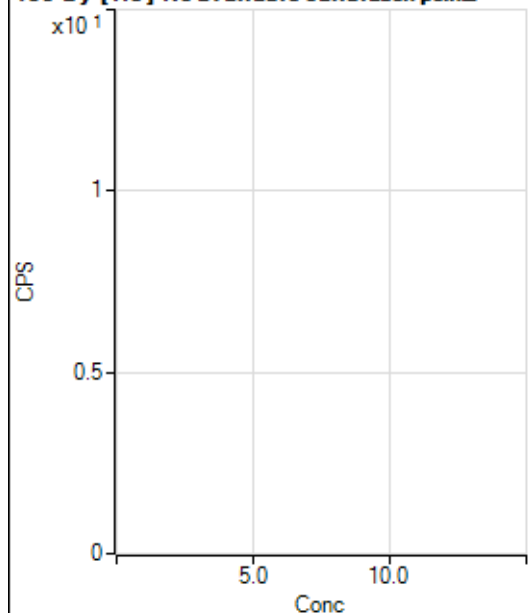
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7.78		P	65.5
2	☐			17.78		P	78.1
3	☐			176.67		P	21.4
4	☐			436.68		P	2.3
5	☐			777.81		P	5.0
6	☐			1515.66		P	1.8
7	☐			2853.67		P	6.3
8	☐			504.46		P	3.1

150 Nd [He] No available calibration points

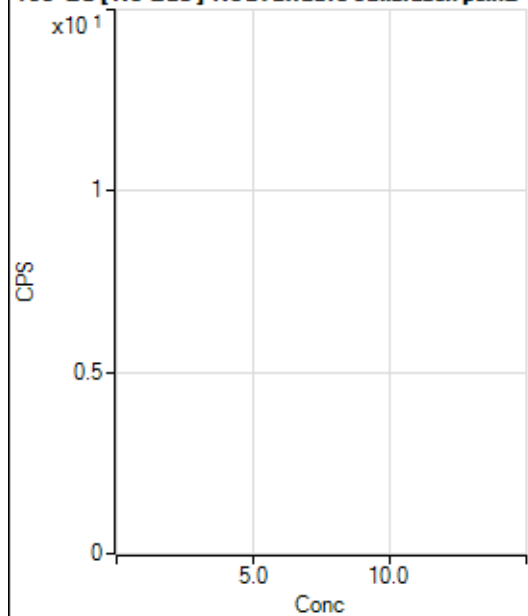
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	86.6
2	☐			3.33		P	100.1
3	☐			15.55		P	44.6
4	☐			26.66		P	21.7
5	☐			45.55		P	29.6
6	☐			66.67		P	5.0
7	☐			153.34		P	19.3
8	☐			154.45		P	27.3

156 Dy [No Gas] No available calibration points

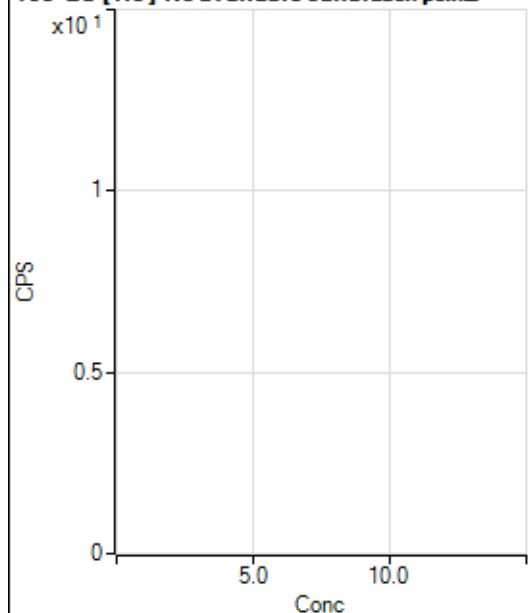
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	7.7
2	☐			41.11		P	20.4
3	☐			83.33		P	24.3
4	☐			133.34		P	11.5
5	☐			277.78		P	5.9
6	☐			447.79		P	6.7
7	☐			905.60		P	1.7
8	☐			1012.27		P	4.6

156 Dy [He] No available calibration points

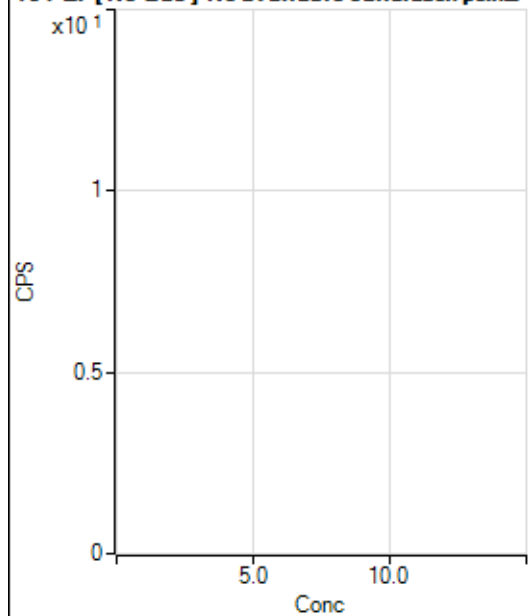
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			13.33		P	66.2
3	☐			12.22		P	15.7
4	☐			16.67		P	52.9
5	☐			34.44		P	5.6
6	☐			76.67		P	34.0
7	☐			150.00		P	15.6
8	☐			273.34		P	16.5

160 Gd [No Gas] Noavailable calibration poin_

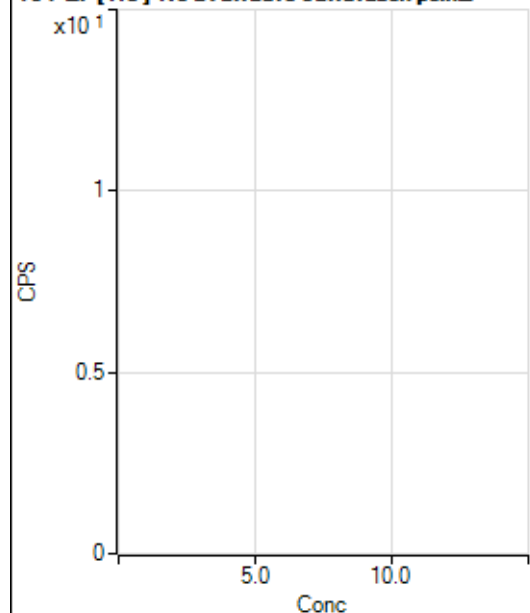
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			220.00		P	22.3
2	☐			247.78		P	27.6
3	☐			236.67		P	1.4
4	☐			272.23		P	13.1
5	☐			326.68		P	2.0
6	☐			416.68		P	11.9
7	☐			608.91		P	4.8
8	☐			1011.16		P	0.4

160 Gd [He] No available calibration points

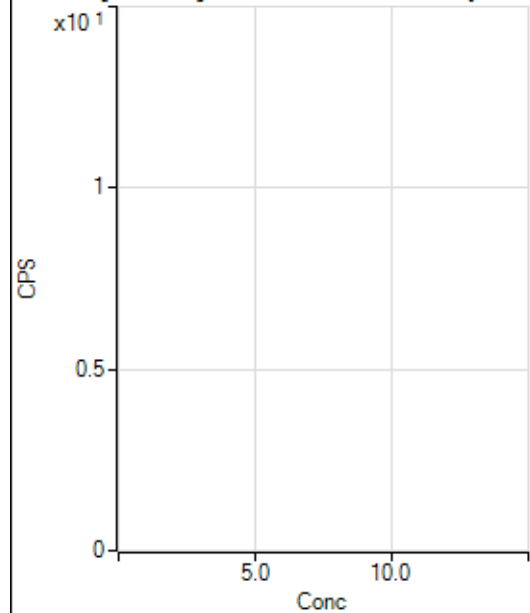
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			57.78		P	6.7
2	☐			48.89		P	3.9
3	☐			62.22		P	34.4
4	☐			57.78		P	40.5
5	☐			85.56		P	13.7
6	☐			130.01		P	8.9
7	☐			201.12		P	12.4
8	☐			352.23		P	6.3

164 Er [No Gas] No available calibration points

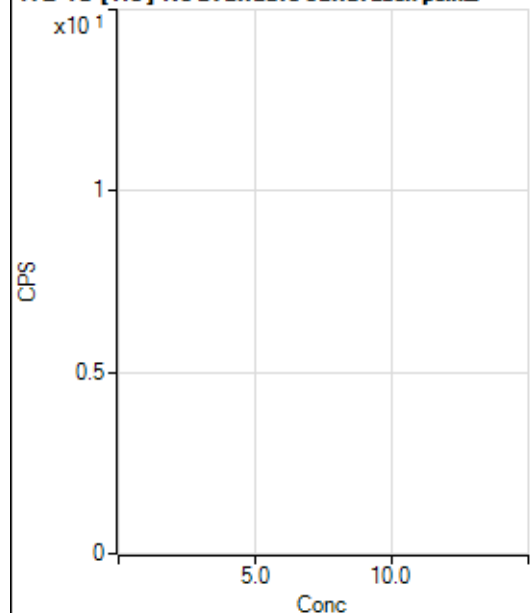
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			165.56		P	12.9
2	☐			178.89		P	14.2
3	☐			197.78		P	16.5
4	☐			283.34		P	13.1
5	☐			302.23		P	10.9
6	☐			410.01		P	4.3
7	☐			642.24		P	10.8
8	☐			1130.06		P	12.0

164 Er [He] No available calibration points

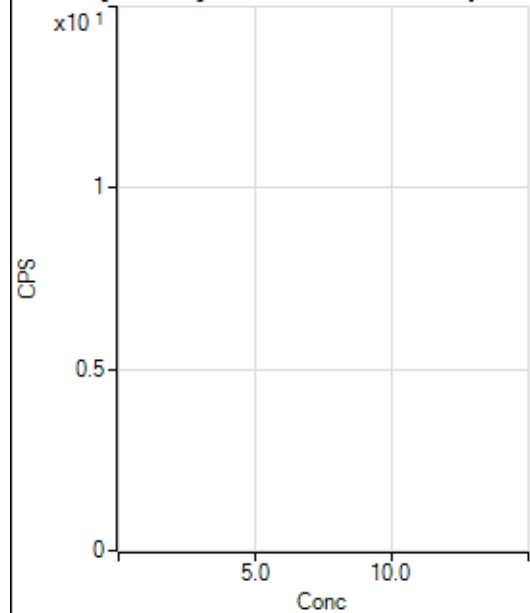
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	48.9
2	☐			72.22		P	11.6
3	☐			56.67		P	17.6
4	☐			68.89		P	18.3
5	☐			84.45		P	34.5
6	☐			146.67		P	14.9
7	☐			215.56		P	13.2
8	☐			412.23		P	6.8

172 Yb [No Gas] No available calibration points

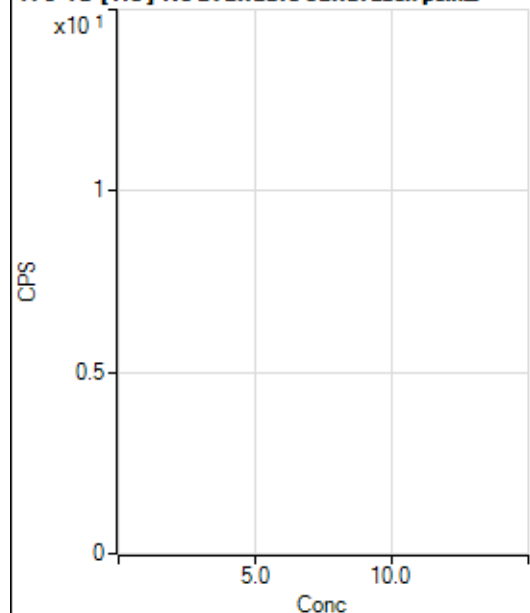
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			153.34		P	13.0
2	☐			161.11		P	19.7
3	☐			231.12		P	7.3
4	☐			238.89		P	13.6
5	☐			308.90		P	0.6
6	☐			421.12		P	15.0
7	☐			733.36		P	2.8
8	☐			1860.15		P	4.0

172 Yb [He] No available calibration points

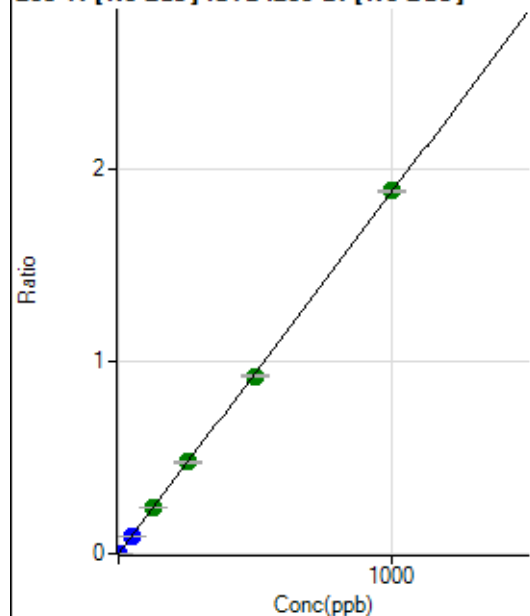
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51.11		P	21.0
2	☐			53.34		P	43.3
3	☐			63.34		P	24.1
4	☐			91.11		P	21.4
5	☐			135.56		P	11.6
6	☐			155.56		P	6.5
7	☐			257.78		P	4.5
8	☐			774.47		P	4.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3683.88		P	2.7
2	☐			3736.13		P	0.8
3	☐			9809.29		P	0.5
4	☐			19426.59		P	3.2
5	☐			34445.95		P	0.8
6	☐			65078.17		P	1.1
7	☐			125155.49		P	1.0
8	☐			4414.11		P	3.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			978.94		P	7.2
2	☐			880.04		P	3.0
3	☐			3052.60		P	1.6
4	☐			6351.57		P	1.8
5	☐			11468.38		P	1.4
6	☐			21869.31		P	1.4
7	☐			42265.15		P	1.7
8	☐			1242.29		P	7.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	347.79	0.0000	P	5.4
2	☐	1.000	0.989	27532.56	0.0019	P	0.5
3	☐	50.000	45.836	1312549.69	0.0861	P	0.9
4	☐	125.000	128.071	3598516.37	0.2405	A	0.5
5	☐	250.000	253.553	7036169.83	0.4762	A	1.3
6	☐	500.000	490.380	13369643.97	0.9210	A	0.7
7	☐	1000.000	1003.746	26462321.83	1.8851	A	0.7
8	☐			2362.46	0.0002	P	10.0

$$y = 0.0019 * x + 2.4174E-005$$

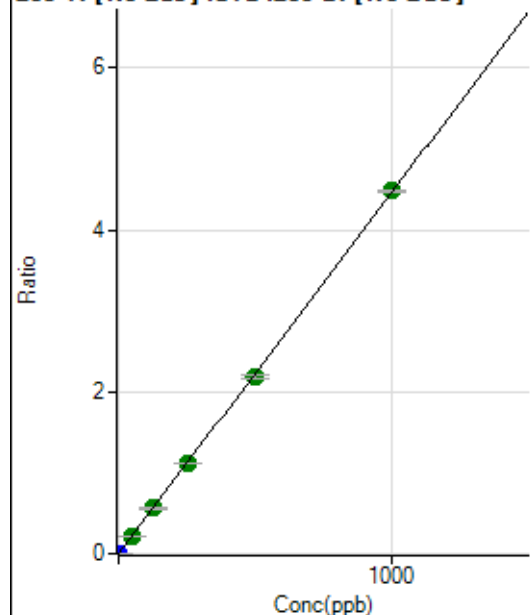
$$R = 0.9999$$

$$DL = 0.002104$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	834.48	0.0001	P	2.7
2	☐	1.000	0.997	65890.48	0.0045	P	0.8
3	☐	50.000	49.569	3370307.14	0.2211	A	1.2
4	☐	125.000	125.314	8360409.18	0.5589	A	0.6
5	☐	250.000	250.961	16536551.42	1.1192	A	1.6
6	☐	500.000	489.291	31674103.42	2.1819	A	1.5
7	☐	1000.000	1005.097	62916983.51	4.4820	A	0.5
8	☐			5716.88	0.0005	P	9.1

$$y = 0.0045 * x + 5.7996E-005$$

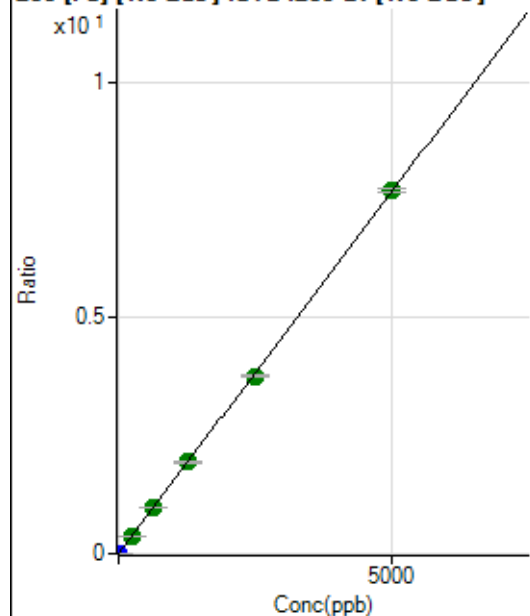
$$R = 0.9999$$

$$DL = 0.001039$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1132.29	0.0001	P	5.3
2	☐	1.000	0.985	23238.66	0.0016	P	0.7
3	☐	250.000	249.760	5837658.59	0.3830	A	0.9
4	☐	625.000	633.057	14519249.23	0.9706	A	2.1
5	☐	1250.000	1266.745	28695195.68	1.9420	A	1.9
6	☐	2500.000	2455.311	54642705.85	3.7641	A	1.2
7	☐	5000.000	5017.163	107969882.8	7.6915	A	1.1
8	☐			105328.83	0.0087	P	1.9

$$y = 0.0015 * x + 7.8684E-005$$

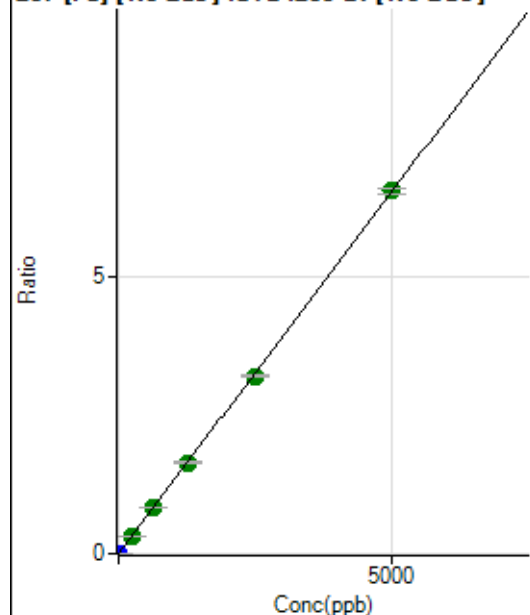
$$R = 0.9999$$

$$DL = 0.008114$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	975.61	0.0001	P	11.4
2	☐	1.000	1.022	20507.42	0.0014	P	0.3
3	☐	250.000	250.096	4976335.34	0.3265	A	1.6
4	☐	625.000	636.049	12419438.28	0.8302	A	1.3
5	☐	1250.000	1260.473	24309149.64	1.6452	A	0.8
6	☐	2500.000	2457.531	46563058.19	3.2075	A	1.2
7	☐	5000.000	5017.230	91920937.52	6.5482	A	1.7
8	☐			90797.51	0.0075	P	1.3

$$y = 0.0013 * x + 6.7820E-005$$

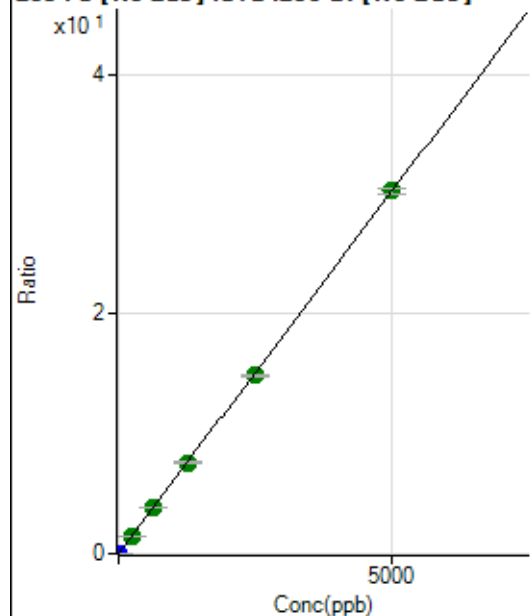
$$R = 0.9999$$

$$DL = 0.01771$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4511.48	0.0003	P	2.6
2	☐	1.000	0.996	92597.82	0.0063	P	1.2
3	☐	250.000	249.671	22994973.61	1.5086	A	1.4
4	☐	625.000	632.817	57192615.39	3.8232	A	1.4
5	☐	1250.000	1259.481	112428778.8	7.6089	A	0.9
6	☐	2500.000	2466.699	216328197.8	14.9017	A	1.1
7	☐	5000.000	5013.319	425135941.4	30.2858	A	1.7
8	☐			416422.74	0.0343	P	1.6

$$y = 0.0060 * x + 3.1354E-004$$

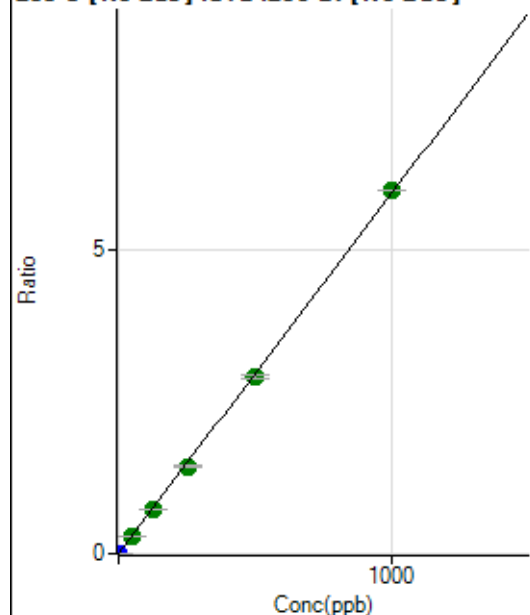
$$R = 1.0000$$

$$DL = 0.004121$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	618.91	0.0000	P	8.7
2	☐	1.000	0.972	85151.80	0.0058	P	1.3
3	☐	50.000	48.302	4376914.94	0.2871	A	1.3
4	☐	125.000	121.952	10844457.20	0.7249	A	1.3
5	☐	250.000	242.850	21329442.74	1.4435	A	0.3
6	☐	500.000	490.262	42305809.92	2.9141	A	1.8
7	☐	1000.000	1007.122	84033162.08	5.9862	A	0.2
8	☐			4477.51	0.0004	P	13.1

$$y = 0.0059 * x + 4.3003E-005$$

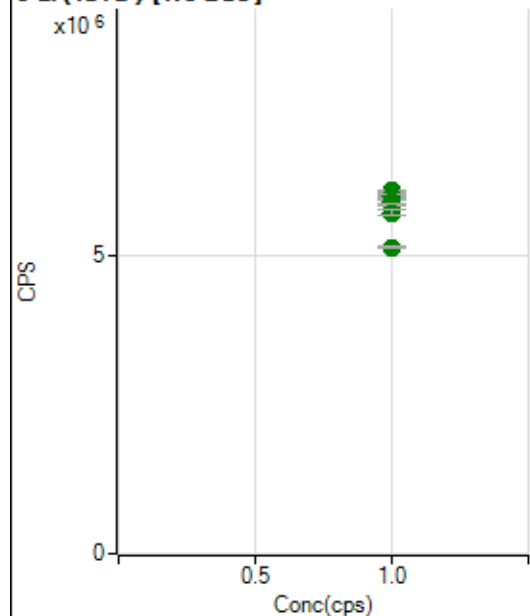
$$R = 0.9999$$

$$DL = 0.001885$$

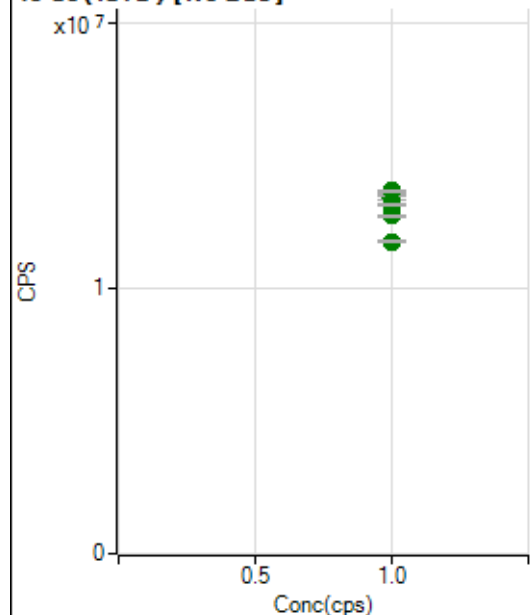
Weight: <None>

Min Conc: 0

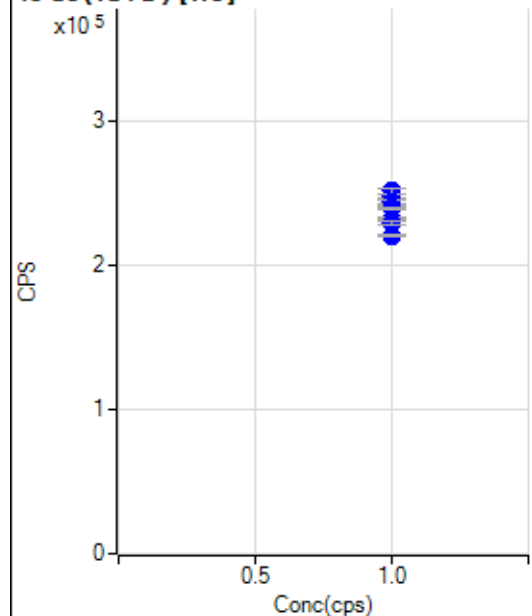
6 Li (ISTD) [No Gas]



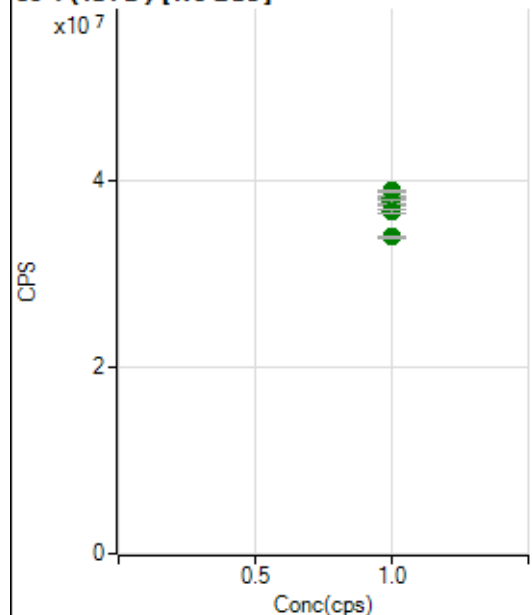
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5864829.25		A	0.5
2	☐	1.000		6078224.71		A	0.7
3	☐	1.000		5967779.61		A	0.4
4	☐	1.000		5993338.08		A	1.1
5	☐	1.000		5906667.46		A	1.1
6	☐	1.000		5856385.10		A	0.6
7	☐	1.000		5711165.33		A	1.8
8	☐	1.000		5129263.59		A	0.6

45 Sc (ISTD) [No Gas]

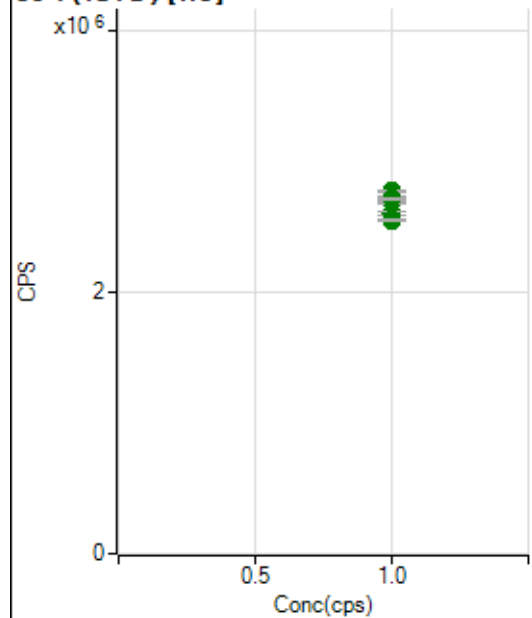
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13579494.94		A	1.4
2	☐	1.000		13616775.77		A	0.9
3	☐	1.000		13378045.22		A	1.1
4	☐	1.000		13655825.08		A	0.2
5	☐	1.000		13138590.08		A	0.3
6	☐	1.000		13123521.33		A	0.5
7	☐	1.000		12710194.26		A	0.3
8	☐	1.000		11748447.05		A	0.9

45 Sc (ISTD) [He]

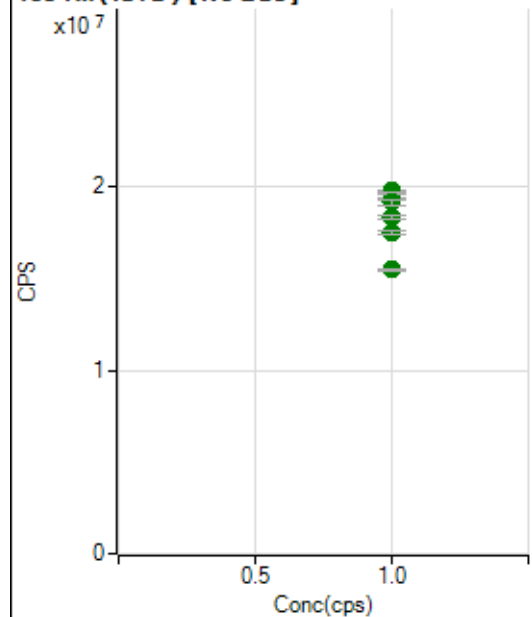
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		248172.13		P	0.9
2	☐	1.000		251655.50		P	1.4
3	☐	1.000		241040.04		P	0.1
4	☐	1.000		244550.95		P	1.1
5	☐	1.000		239685.74		P	0.6
6	☐	1.000		232629.97		P	0.3
7	☐	1.000		229177.98		P	0.8
8	☐	1.000		220300.23		P	0.7

89 Y (ISTD) [No Gas]

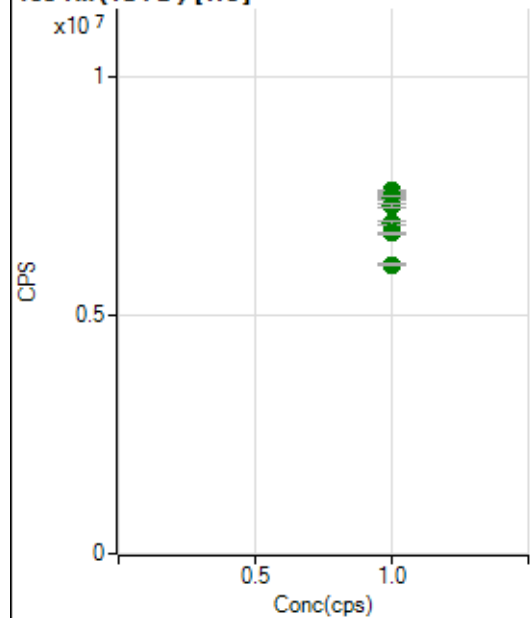
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		37372873.89		A	0.7
2	☐	1.000		38194672.21		A	0.9
3	☐	1.000		38073526.38		A	1.0
4	☐	1.000		38848125.25		A	0.2
5	☐	1.000		37616546.66		A	1.3
6	☐	1.000		37701109.99		A	0.7
7	☐	1.000		36602915.57		A	1.1
8	☐	1.000		33940183.66		A	0.7

89 Y (ISTD) [He]

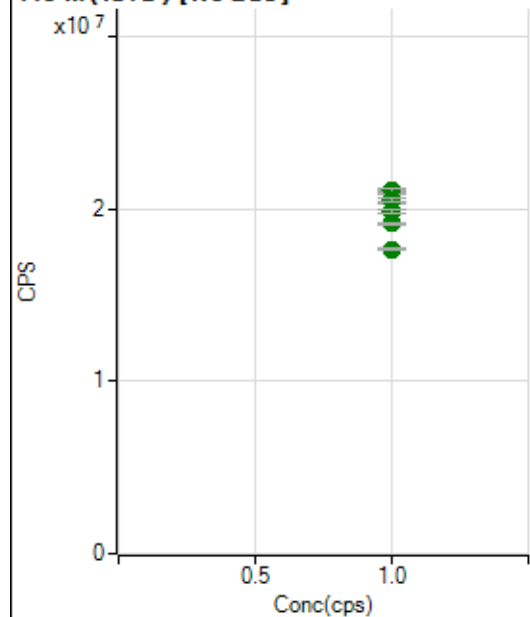
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2725764.44		A	0.9
2	☐	1.000		2772324.26		A	0.9
3	☐	1.000		2686412.39		A	0.4
4	☐	1.000		2716359.23		A	1.5
5	☐	1.000		2714450.41		A	0.6
6	☐	1.000		2597187.91		A	1.4
7	☐	1.000		2557203.35		A	0.5
8	☐	1.000		2548047.83		A	0.6

103 Rh (ISTD) [No Gas]

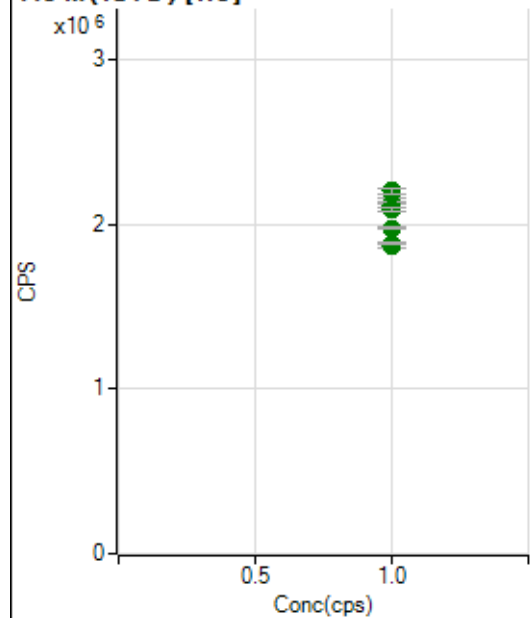
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19302809.16		A	0.7
2	☐	1.000		19714594.43		A	0.8
3	☐	1.000		19771545.82		A	0.7
4	☐	1.000		19650703.18		A	0.9
5	☐	1.000		19140726.38		A	1.6
6	☐	1.000		18365811.53		A	1.1
7	☐	1.000		17514932.79		A	0.9
8	☐	1.000		15498429.07		A	0.7

103 Rh (ISTD) [He]

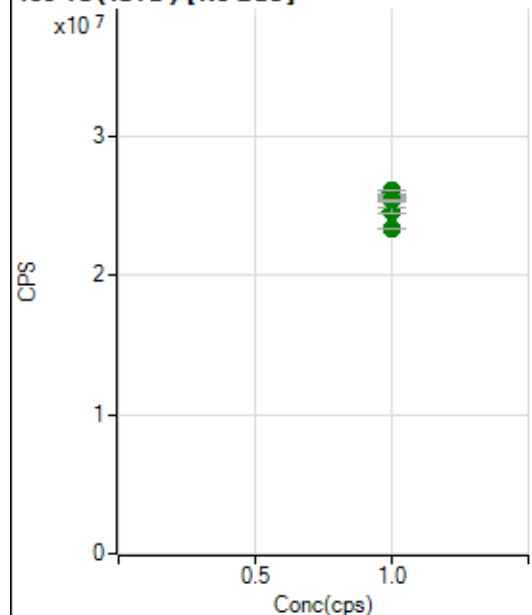
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7530173.36		A	1.4
2	☐	1.000		7596042.39		A	0.6
3	☐	1.000		7478020.93		A	0.9
4	☐	1.000		7440967.46		A	0.8
5	☐	1.000		7283348.92		A	0.8
6	☐	1.000		6921793.37		A	1.5
7	☐	1.000		6709216.08		A	0.6
8	☐	1.000		6048205.12		A	0.4

115 In (ISTD) [No Gas]

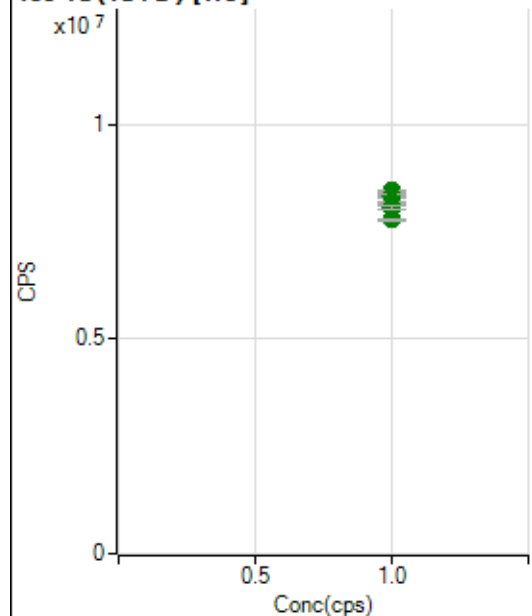
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20503339.16		A	1.2
2	☐	1.000		21018437.75		A	0.5
3	☐	1.000		21055854.53		A	0.4
4	☐	1.000		21074954.93		A	1.3
5	☐	1.000		20591892.35		A	1.1
6	☐	1.000		19859346.78		A	0.9
7	☐	1.000		19159276.60		A	1.1
8	☐	1.000		17671373.62		A	0.5

115 In (ISTD) [He]

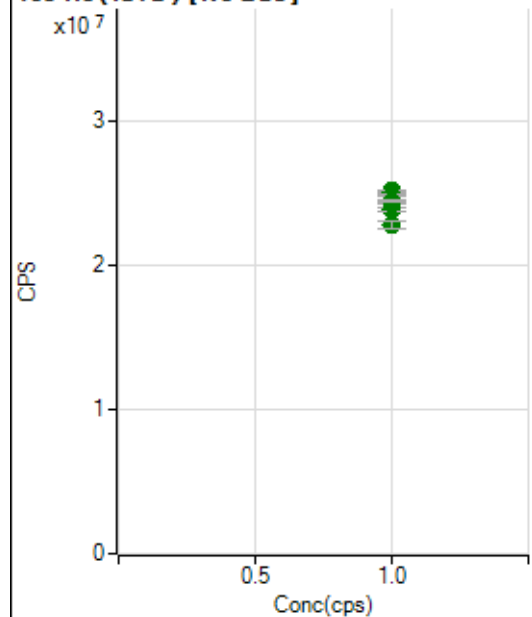
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2159706.86		A	0.4
2	☐	1.000		2202556.55		A	1.4
3	☐	1.000		2125041.02		A	0.3
4	☐	1.000		2118657.20		A	1.6
5	☐	1.000		2091097.62		A	1.1
6	☐	1.000		1975555.35		A	0.7
7	☐	1.000		1872803.55		A	1.6
8	☐	1.000		1884238.36		A	0.7

159 Tb (ISTD) [No Gas]

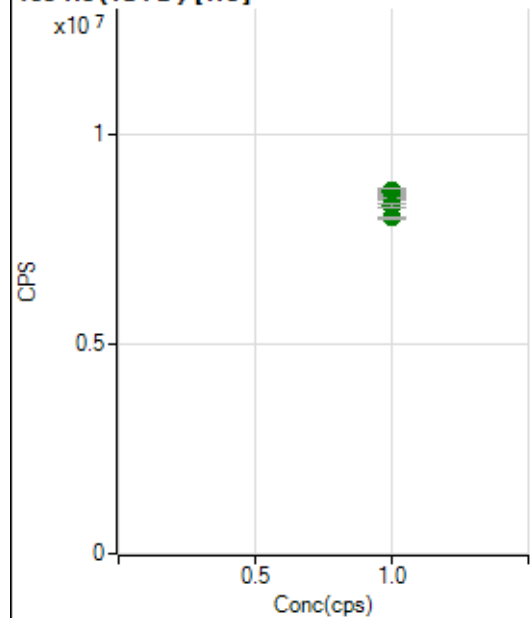
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		24637089.91		A	2.0
2	☐	1.000		25638552.40		A	0.7
3	☐	1.000		26061395.44		A	0.1
4	☐	1.000		26017218.78		A	1.0
5	☐	1.000		25927317.95		A	1.1
6	☐	1.000		25457161.56		A	1.1
7	☐	1.000		25348294.07		A	0.1
8	☐	1.000		23344191.32		A	0.5

159 Tb (ISTD) [He]

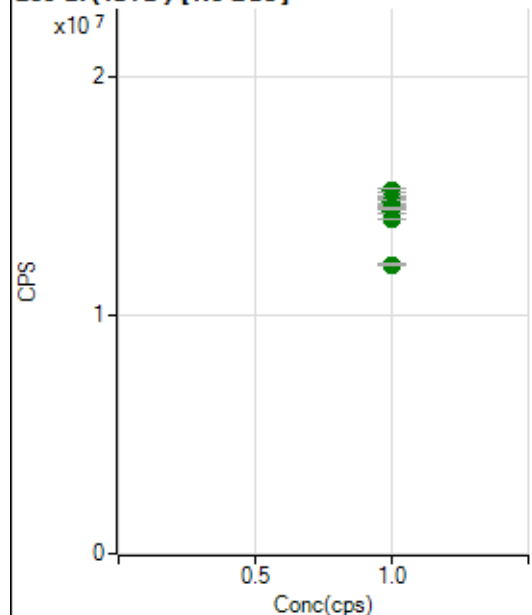
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8332616.26		A	0.6
2	☐	1.000		8333735.36		A	0.7
3	☐	1.000		8423299.46		A	0.6
4	☐	1.000		8449881.40		A	0.8
5	☐	1.000		8335499.46		A	0.9
6	☐	1.000		8178428.07		A	0.8
7	☐	1.000		8066181.06		A	1.4
8	☐	1.000		7772646.90		A	0.6

165 Ho (ISTD) [No Gas]

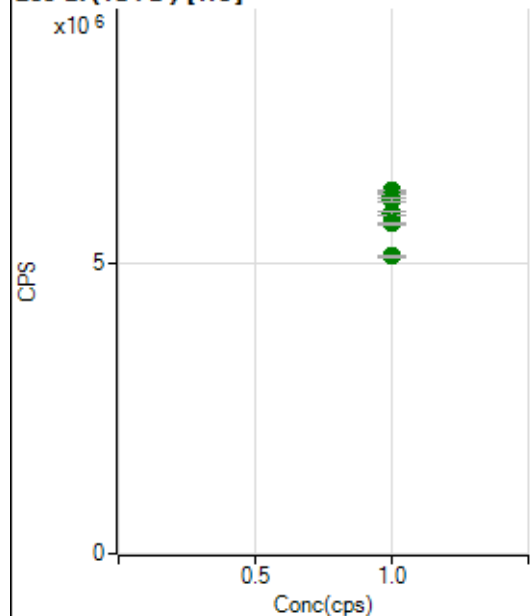
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23788421.03		A	0.8
2	☐	1.000		24209371.30		A	0.2
3	☐	1.000		25103585.46		A	0.4
4	☐	1.000		25022976.85		A	1.0
5	☐	1.000		24805834.35		A	0.4
6	☐	1.000		24376294.36		A	1.3
7	☐	1.000		24406972.69		A	0.6
8	☐	1.000		22736613.27		A	2.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8477981.89		A	1.2
2	☐	1.000		8630071.05		A	0.6
3	☐	1.000		8610497.23		A	0.5
4	☐	1.000		8649293.83		A	0.9
5	☐	1.000		8637872.16		A	1.4
6	☐	1.000		8485493.69		A	0.4
7	☐	1.000		8294349.46		A	1.0
8	☐	1.000		8012109.46		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14387927.98		A	0.7
2	☐	1.000		14628417.56		A	0.4
3	☐	1.000		15244411.72		A	1.2
4	☐	1.000		14959822.83		A	0.6
5	☐	1.000		14775947.14		A	0.7
6	☐	1.000		14517182.98		A	0.4
7	☐	1.000		14037681.73		A	0.2
8	☐	1.000		12153705.24		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6228489.63		A	0.5
2	☐	1.000		6234455.60		A	0.8
3	☐	1.000		6239488.59		A	0.5
4	☐	1.000		6149998.93		A	0.7
5	☐	1.000		6086035.46		A	0.8
6	☐	1.000		5850293.80		A	0.9
7	☐	1.000		5684948.18		A	0.5
8	☐	1.000		5116254.92		A	0.4

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8051925 -MS.b

Acq. Date-Time 2025-05-19 15:25:03

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		101115	1011151.35			0.583	5.000
24		502563	5025627.75			0.766	5.000
25		67604	676039.08			0.430	5.000
26		76020	760201.44			0.944	5.000
59		465957	4659565.65			0.470	5.000
113		56460	564604.97			0.460	5.000
115		746647	7466473.52			0.782	5.000
206		171638	1716384.58			0.669	5.000
207		144237	1442365.23			0.397	5.000
208		347940	3479396.39			0.736	5.000
220		1	5.30			38.088	

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

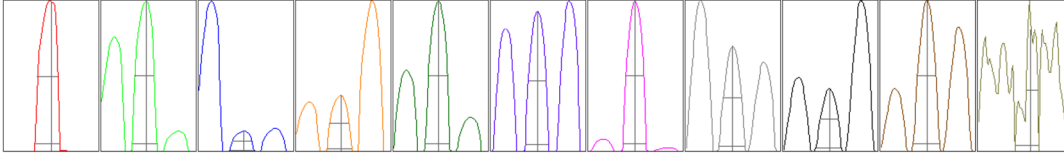
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	101603	101410	100897	101486	100179
24	504049	500553	500666	508596	498949
25	67848	67907	67622	67436	67206
26	76317	77134	75618	75688	75344
59	467254	467017	462331	465488	467693
113	56178	56481	56291	56491	56861
115	738598	750326	742259	750657	751398
206	171632	170644	170512	172090	173315
207	143221	144533	144472	144573	144384
208	346173	348849	344775	351397	348503

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	165130.25	9.05	8.90 - 9.10	
24	865684.69	23.95	23.90 - 24.10	
25	115607.84	24.95	24.90 - 25.10	
26	130188.12	25.95	25.90 - 26.10	
59	822008.36	58.95	58.90 - 59.10	
113	106130.54	113.00	112.90 - 113.10	
115	1423975.28	115.00	114.90 - 115.10	
206	310158.88	206.00	205.90 - 206.10	
207	262249.79	207.00	206.90 - 207.10	
208	629965.98	208.00	207.90 - 208.10	
220	0.85	220.20	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.784	0.900	
24	0.62	0.780	0.900	
25	0.62	0.773	0.900	
26	0.62	0.784	0.900	
59	0.60	0.777	0.900	
113	0.56	0.733	0.900	
115	0.55	0.729	0.900	
206	0.57	0.825	0.900	
207	0.58	0.796	0.900	
208	0.58	0.844	0.900	
220	0.35	0.739		

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

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	8.7 V	Deflect	14.2 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-85 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	104	Axis Gain	0.9968	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-0.3 mm
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EM

Discriminator	4.6 mV	Analog HV	2183 V	Pulse HV	964 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		87983	879834.16			0.913	
89		70282	702820.16			0.468	
205		107072	1070723.44			0.258	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	89140	88125	87414	87056	88182
89	70531	70633	70039	69854	70353
205	107144	106584	107240	107226	107168

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	8.7 V	Deflect	3.0 V
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US EPA Tune Check Report

Extract 2	-200.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-85 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	104	Axis Gain	0.9968	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	-0.01		
Hardware Settings					
Torch					
Torch H	0.8 mm	Torch V	-0.3 mm		
EM					
Discriminator	4.6 mV	Analog HV	2183 V	Pulse HV	964 V

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 15:58:22	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.55	-0.58	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.02	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	-0.01	0.03	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.03	0.20	-0.23	0.00	N/A	ppb
Cadmium	111-1	0.01	0.01	-0.02	0.00	N/A	ppb
Calcium	43-1	0.06	1.24	-1.30	0.00	N/A	ppb
Calcium	44-1	-0.06	0.21	-0.16	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.01	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	-0.15	-0.13	0.29	0.00	N/A	ppb
Iron	56-2	-0.10	0.18	-0.08	0.00	N/A	ppb
Iron	57-2	0.16	-0.20	0.04	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 :	LB135831	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 15:58:22	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.23	-0.11	-0.12	0.00	N/A	ppb
Manganese	55-2	0.04	-0.04	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	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	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-20.31	-21.42	-18.49	-20.07		ppb
Potassium	39-2	1.13	-0.72	-0.42	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.09	0.07	0.02	0.00	N/A	ppb
Selenium	77-2	-0.15	-0.15	0.31	0.00	N/A	ppb
Selenium	78-2	-0.45	0.48	-0.04	0.00	N/A	ppb
Silicon	28-1	0.07	-0.22	0.15	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	0.41	-0.75	0.34	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	13.88	-14.87	-129.40	-43.46		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	-0.01	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 :	LB135831	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 15:58:22	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	-0.03	0.00	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 :	LB135831	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:05:04	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.02	20.76	19.58	20.46	3.77	ppb
Antimony	121-1	2.06	2.10	2.08	2.08	0.92	ppb
Arsenic	75-2	1.09	1.40	0.98	1.16	18.75	ppb
Barium	135-1	10.36	10.48	10.39	10.41	0.60	ppb
Barium	137-1	10.37	10.44	10.39	10.40	0.38	ppb
Beryllium	9-1	1.20	1.24	1.19	1.21	1.86	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	1.05	1.02	1.26	1.11	11.77	ppb
Cadmium	106-1	0.34	0.58	0.43	0.45	26.55	ppb
Cadmium	111-1	1.07	1.08	1.03	1.06	2.39	ppb
Calcium	43-1	539.50	554.20	558.79	550.83	1.83	ppb
Calcium	44-1	539.69	544.99	552.47	545.72	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.14	2.15	2.21	2.17	1.88	ppb
Cobalt	59-2	1.15	1.11	1.17	1.14	2.79	ppb
Copper	63-2	2.27	2.23	2.32	2.27	2.11	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				102		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	56.78	56.41	57.94	57.04	1.39	ppb
Iron	56-2	55.80	55.01	56.19	55.67	1.08	ppb
Iron	57-2	58.25	56.31	56.02	56.86	2.14	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.99	0.98	0.98	0.77	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:05:04	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.03	1.02	1.02	1.02	0.36	ppb
Lead	208-1	0.99	1.01	0.99	1.00	1.28	ppb
Lithium	6-1				104		%
Magnesium	24-2	573.21	578.99	589.24	580.48	1.40	ppb
Manganese	55-2	0.99	1.07	1.08	1.05	4.93	ppb
Molybdenum	94-1	6.17	6.19	6.14	6.17	0.38	ppb
Molybdenum	95-1	5.21	5.17	5.13	5.17	0.84	ppb
Molybdenum	96-1	5.25	5.21	5.27	5.24	0.53	ppb
Molybdenum	97-1	5.16	5.14	5.07	5.13	0.90	ppb
Molybdenum	98-1	5.14	5.11	5.12	5.12	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.16	1.13	1.13	2.39	ppb
Phosphorus	31-2	18.62	17.83	23.77	20.07	16.08	ppb
Potassium	39-2	535.65	524.64	533.49	531.26	1.10	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	5.63	5.63	5.67	5.64	0.43	ppb
Selenium	77-2	10.10	3.93	5.21	6.41	50.81	ppb
Selenium	78-2	6.17	6.03	5.79	6.00	3.19	ppb
Silicon	28-1	1.29	1.24	1.18	1.24	4.27	ppb
Silver	107-1	1.04	1.10	1.10	1.08	2.81	ppb
Silver	109-1	1.07	1.09	1.09	1.08	1.23	ppb
Sodium	23-2	569.70	562.77	573.19	568.55	0.93	ppb
Strontium	86-1	1.07	1.03	1.02	1.04	2.32	ppb
Strontium	88-1	1.04	1.04	1.04	1.04	0.17	ppb
Sulfur	34-1	-24.62	3.39	151.61	43.46	217.89	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.98	0.99	0.99	0.99	0.52	ppb
Thallium	205-1	0.99	1.00	1.00	1.00	0.84	ppb
Tin	118-1	5.11	5.24	5.20	5.18	1.35	ppb
Titanium	47-1	5.40	5.27	5.50	5.39	2.16	ppb
Uranium	238-1	0.96	0.99	0.97	0.97	1.29	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:05:04	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.28	5.43	5.52	5.41	2.28	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	5.85	5.90	5.93	5.89	0.73	ppb
Zirconium	90-1	1.03	1.02	1.02	1.02	0.58	ppb
Zirconium	91-1	1.02	1.02	1.04	1.03	1.09	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:22:40	DataFile Name :	011CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1015.10	1000.07	1016.93	1010.70	0.92	ppb
Antimony	121-1	52.27	52.35	52.15	52.26	0.19	ppb
Arsenic	75-2	51.02	51.58	51.57	51.39	0.62	ppb
Barium	135-1	254.58	260.55	259.15	258.09	1.21	ppb
Barium	137-1	259.63	257.88	256.97	258.16	0.52	ppb
Beryllium	9-1	53.14	53.83	53.46	53.48	0.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	52.33	52.88	52.82	52.68	0.57	ppb
Cadmium	106-1	50.93	52.23	52.46	51.87	1.59	ppb
Cadmium	111-1	49.43	49.98	50.64	50.02	1.21	ppb
Calcium	43-1	4981.51	5025.48	4932.55	4979.85	0.93	ppb
Calcium	44-1	5133.26	5181.11	5174.50	5162.96	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.13	48.79	49.33	49.08	0.56	ppb
Cobalt	59-2	50.59	50.57	50.30	50.49	0.32	ppb
Copper	63-2	546.65	551.70	550.09	549.48	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	2614.31	2610.73	2599.04	2608.03	0.31	ppb
Iron	56-2	2707.50	2665.74	2711.76	2695.00	0.94	ppb
Iron	57-2	2587.13	2556.06	2573.16	2572.12	0.60	ppb
Krypton	83-1						cps
Lead	206-1	252.23	249.17	247.88	249.76	0.90	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:22:40	DataFile Name :	011CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	254.65	248.93	246.71	250.10	1.64	ppb
Lead	208-1	253.31	249.10	246.60	249.67	1.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	5536.48	5530.57	5430.13	5499.06	1.09	ppb
Manganese	55-2	494.20	488.45	492.64	491.76	0.60	ppb
Molybdenum	94-1	508.72	513.88	514.90	512.50	0.65	ppb
Molybdenum	95-1	511.77	506.39	514.66	510.94	0.82	ppb
Molybdenum	96-1	513.40	501.14	509.04	507.86	1.22	ppb
Molybdenum	97-1	511.22	505.70	515.09	510.67	0.92	ppb
Molybdenum	98-1	515.72	509.36	514.65	513.24	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.75	50.33	49.66	49.91	0.73	ppb
Phosphorus	31-2	975.35	1068.60	977.73	1007.23	5.28	ppb
Potassium	39-2	2453.50	2473.65	2491.14	2472.76	0.76	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	52.84	51.11	52.75	52.24	1.86	ppb
Selenium	77-2	50.81	47.73	54.28	50.94	6.43	ppb
Selenium	78-2	53.55	56.24	52.77	54.19	3.36	ppb
Silicon	28-1	54.04	53.01	52.32	53.12	1.62	ppb
Silver	107-1	54.86	56.09	55.52	55.49	1.11	ppb
Silver	109-1	54.41	55.64	55.09	55.04	1.12	ppb
Sodium	23-2	5225.26	5391.07	5364.81	5327.05	1.67	ppb
Strontium	86-1	48.13	47.09	48.49	47.90	1.52	ppb
Strontium	88-1	51.21	51.50	51.31	51.34	0.29	ppb
Sulfur	34-1	697.61	710.08	584.79	664.16	10.39	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	46.22	45.93	45.37	45.84	0.94	ppb
Thallium	205-1	49.88	49.92	48.91	49.57	1.15	ppb
Tin	118-1	48.26	49.17	48.93	48.78	0.97	ppb
Titanium	47-1	513.41	507.41	513.90	511.57	0.71	ppb
Uranium	238-1	48.92	48.33	47.65	48.30	1.32	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:22:40	DataFile Name :	011CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	48.98	48.98	49.02	48.99	0.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	505.81	506.93	504.81	505.85	0.21	ppb
Zirconium	90-1	51.17	51.12	50.34	50.88	0.92	ppb
Zirconium	91-1	47.41	47.98	47.95	47.78	0.66	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:25:40	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2531.87	2573.43	2552.08	2552.46	0.81	ppb
Antimony	121-1	131.79	132.18	131.49	131.82	0.26	ppb
Arsenic	75-2	127.60	131.97	130.68	130.08	1.73	ppb
Barium	135-1	655.88	656.96	659.24	657.36	0.26	ppb
Barium	137-1	650.23	645.50	642.45	646.06	0.61	ppb
Beryllium	9-1	134.89	133.35	134.53	134.26	0.60	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	133.71	133.66	132.44	133.27	0.54	ppb
Cadmium	106-1	132.76	132.81	132.00	132.53	0.34	ppb
Cadmium	111-1	125.90	126.98	125.72	126.20	0.54	ppb
Calcium	43-1	12922.28	13096.13	12992.01	13003.47	0.67	ppb
Calcium	44-1	13028.77	13011.22	12901.38	12980.46	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.69	123.68	123.06	122.81	0.83	ppb
Cobalt	59-2	130.75	132.05	136.14	132.98	2.11	ppb
Copper	63-2	1343.13	1368.90	1333.29	1348.44	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	6834.85	7010.32	6992.05	6945.74	1.39	ppb
Iron	56-2	6808.64	6753.69	6648.64	6736.99	1.21	ppb
Iron	57-2	6359.39	6362.28	6347.73	6356.46	0.12	ppb
Krypton	83-1						cps
Lead	206-1	621.37	630.64	647.17	633.06	2.06	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:25:40	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	629.68	633.38	645.09	636.05	1.26	ppb
Lead	208-1	627.16	628.49	642.80	632.82	1.37	ppb
Lithium	6-1				102		%
Magnesium	24-2	13432.87	13449.09	13511.49	13464.48	0.31	ppb
Manganese	55-2	1320.88	1319.30	1300.01	1313.40	0.88	ppb
Molybdenum	94-1	1259.41	1263.13	1271.69	1264.74	0.50	ppb
Molybdenum	95-1	1253.05	1252.22	1261.60	1255.62	0.41	ppb
Molybdenum	96-1	1251.92	1243.26	1271.20	1255.46	1.14	ppb
Molybdenum	97-1	1263.12	1265.45	1279.08	1269.22	0.68	ppb
Molybdenum	98-1	1262.61	1275.34	1271.21	1269.72	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.90	124.70	124.08	123.89	0.74	ppb
Phosphorus	31-2	2649.14	2589.04	2697.44	2645.20	2.05	ppb
Potassium	39-2	6443.58	6629.13	6491.07	6521.26	1.48	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	128.53	131.52	132.22	130.75	1.50	ppb
Selenium	77-2	120.22	124.14	135.00	126.45	6.05	ppb
Selenium	78-2	124.51	131.58	128.63	128.24	2.77	ppb
Silicon	28-1	131.51	131.12	133.02	131.88	0.76	ppb
Silver	107-1	137.38	137.53	135.70	136.87	0.74	ppb
Silver	109-1	138.91	137.48	136.48	137.62	0.89	ppb
Sodium	23-2	13285.51	13601.30	13150.78	13345.86	1.73	ppb
Strontium	86-1	118.20	120.05	121.76	120.00	1.48	ppb
Strontium	88-1	126.82	126.88	128.13	127.27	0.58	ppb
Sulfur	34-1	2653.71	2623.20	2702.13	2659.68	1.50	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	127.47	128.03	128.71	128.07	0.48	ppb
Thallium	205-1	124.73	124.97	126.24	125.31	0.65	ppb
Tin	118-1	134.09	131.98	132.71	132.93	0.81	ppb
Titanium	47-1	1282.06	1276.56	1277.89	1278.84	0.22	ppb
Uranium	238-1	120.50	121.66	123.71	121.95	1.33	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:25:40	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	123.16	125.18	124.22	124.18	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	1238.69	1257.23	1248.23	1248.05	0.74	ppb
Zirconium	90-1	126.26	126.30	125.64	126.07	0.29	ppb
Zirconium	91-1	127.61	125.91	130.55	128.02	1.83	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:28:31	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5051.16	5055.01	4964.52	5023.57	1.02	ppb
Antimony	121-1	255.45	257.78	254.08	255.77	0.73	ppb
Arsenic	75-2	249.22	250.32	256.30	251.95	1.51	ppb
Barium	135-1	1272.83	1265.36	1241.49	1259.90	1.30	ppb
Barium	137-1	1250.98	1280.20	1237.79	1256.32	1.73	ppb
Beryllium	9-1	261.69	262.10	260.23	261.34	0.37	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	259.04	257.36	255.66	257.35	0.66	ppb
Cadmium	106-1	259.85	258.54	258.95	259.11	0.26	ppb
Cadmium	111-1	260.52	260.95	260.21	260.56	0.14	ppb
Calcium	43-1	25989.62	26580.84	26100.37	26223.61	1.20	ppb
Calcium	44-1	25473.85	26107.81	25584.59	25722.09	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259.39	254.80	259.99	258.06	1.10	ppb
Cobalt	59-2	262.79	263.83	261.08	262.57	0.53	ppb
Copper	63-2	2681.77	2629.39	2610.99	2640.72	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	13763.42	13383.45	13562.02	13569.63	1.40	ppb
Iron	56-2	13309.46	13431.35	13157.80	13299.54	1.03	ppb
Iron	57-2	13527.17	13496.71	13506.11	13509.99	0.12	ppb
Krypton	83-1						cps
Lead	206-1	1245.75	1293.60	1260.88	1266.74	1.93	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:28:31	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1249.15	1269.51	1262.76	1260.47	0.82	ppb
Lead	208-1	1248.88	1271.08	1258.49	1259.48	0.88	ppb
Lithium	6-1				101		%
Magnesium	24-2	26645.74	26322.91	26588.26	26518.97	0.65	ppb
Manganese	55-2	2556.36	2546.03	2544.53	2548.97	0.25	ppb
Molybdenum	94-1	2529.68	2499.43	2548.66	2525.92	0.98	ppb
Molybdenum	95-1	2542.67	2510.91	2568.22	2540.60	1.13	ppb
Molybdenum	96-1	2512.86	2542.69	2575.10	2543.55	1.22	ppb
Molybdenum	97-1	2500.26	2575.96	2531.70	2535.98	1.50	ppb
Molybdenum	98-1	2528.55	2577.21	2542.18	2549.31	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	243.99	242.04	239.41	241.82	0.95	ppb
Phosphorus	31-2	5274.18	5147.85	5194.74	5205.59	1.23	ppb
Potassium	39-2	13024.24	13000.80	12778.60	12934.55	1.05	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	263.84	255.13	262.84	260.60	1.83	ppb
Selenium	77-2	248.40	278.36	248.14	258.30	6.73	ppb
Selenium	78-2	261.27	258.11	269.11	262.83	2.15	ppb
Silicon	28-1	267.01	266.21	265.22	266.15	0.34	ppb
Silver	107-1	268.02	258.44	260.91	262.46	1.90	ppb
Silver	109-1	266.43	257.18	261.24	261.62	1.77	ppb
Sodium	23-2	26745.52	25935.13	26275.28	26318.64	1.55	ppb
Strontium	86-1	259.71	259.18	256.75	258.55	0.61	ppb
Strontium	88-1	252.64	251.52	252.67	252.28	0.26	ppb
Sulfur	34-1	5270.85	5009.49	5073.28	5117.87	2.66	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	252.21	257.23	251.22	253.55	1.27	ppb
Thallium	205-1	247.62	255.32	249.95	250.96	1.57	ppb
Tin	118-1	258.85	258.31	254.13	257.10	1.00	ppb
Titanium	47-1	2511.15	2566.27	2544.31	2540.58	1.09	ppb
Uranium	238-1	243.07	242.06	243.43	242.85	0.29	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:28:31	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	243.32	242.74	242.26	242.77	0.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2700.64	2601.94	2615.22	2639.27	2.03	ppb
Zirconium	90-1	249.96	248.86	255.16	251.32	1.34	ppb
Zirconium	91-1	252.31	249.04	256.24	252.53	1.43	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:31:18	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9902.80	9849.57	9774.59	9842.32	0.65	ppb
Antimony	121-1	506.81	507.65	516.77	510.41	1.08	ppb
Arsenic	75-2	507.07	514.99	501.08	507.71	1.37	ppb
Barium	135-1	2492.63	2523.79	2555.23	2523.89	1.24	ppb
Barium	137-1	2504.05	2519.88	2581.54	2535.16	1.61	ppb
Beryllium	9-1	500.08	507.52	519.22	508.94	1.90	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	501.96	506.12	520.50	509.53	1.91	ppb
Cadmium	106-1	507.14	513.96	515.99	512.36	0.91	ppb
Cadmium	111-1	505.72	503.68	521.21	510.20	1.88	ppb
Calcium	43-1	50777.04	49863.56	51261.68	50634.09	1.40	ppb
Calcium	44-1	50188.07	50545.38	50914.63	50549.36	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	514.47	512.03	511.79	512.76	0.29	ppb
Cobalt	59-2	517.34	520.92	510.21	516.16	1.06	ppb
Copper	63-2	5157.91	5162.31	5147.48	5155.90	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	54-2	26897.27	26346.10	26803.41	26682.26	1.11	ppb
Iron	56-2	26444.60	26467.00	26140.95	26350.85	0.69	ppb
Iron	57-2	26810.65	26902.38	26755.86	26822.97	0.28	ppb
Krypton	83-1						cps
Lead	206-1	2439.93	2489.01	2436.99	2455.31	1.19	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:31:18	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2427.46	2484.80	2460.33	2457.53	1.17	ppb
Lead	208-1	2436.67	2492.23	2471.20	2466.70	1.14	ppb
Lithium	6-1				100		%
Magnesium	24-2	52979.44	52281.26	52325.53	52528.74	0.74	ppb
Manganese	55-2	5105.90	5100.97	5050.05	5085.64	0.61	ppb
Molybdenum	94-1	4873.56	5008.47	4950.71	4944.25	1.37	ppb
Molybdenum	95-1	4892.25	4984.89	4927.33	4934.82	0.95	ppb
Molybdenum	96-1	4951.11	5007.65	4914.88	4957.88	0.94	ppb
Molybdenum	97-1	4938.78	4988.38	4858.50	4928.55	1.33	ppb
Molybdenum	98-1	4892.01	4965.40	4859.47	4905.63	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.26	516.68	522.96	517.30	1.04	ppb
Phosphorus	31-2	10324.73	10417.49	10026.11	10256.11	1.99	ppb
Potassium	39-2	25315.50	25096.22	25152.22	25187.98	0.45	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	492.50	509.99	498.17	500.22	1.78	ppb
Selenium	77-2	487.65	498.13	488.08	491.29	1.21	ppb
Selenium	78-2	500.90	530.06	505.80	512.26	3.05	ppb
Silicon	28-1	516.33	509.20	507.58	511.04	0.91	ppb
Silver	107-1	508.29	514.33	530.57	517.73	2.23	ppb
Silver	109-1	509.80	506.40	521.11	512.44	1.50	ppb
Sodium	23-2	52216.81	52341.05	51416.92	51991.59	0.96	ppb
Strontium	86-1	507.18	503.48	506.84	505.83	0.40	ppb
Strontium	88-1	506.92	501.01	498.67	502.20	0.85	ppb
Sulfur	34-1	10065.29	9972.53	10106.24	10048.02	0.68	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	491.25	493.49	486.41	490.38	0.74	ppb
Thallium	205-1	491.90	495.18	480.79	489.29	1.54	ppb
Tin	118-1	501.83	501.77	508.84	504.14	0.81	ppb
Titanium	47-1	4919.91	4915.05	5009.69	4948.21	1.08	ppb
Uranium	238-1	481.79	489.26	499.74	490.26	1.84	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:31:18	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	515.00	508.68	506.28	509.99	0.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	5166.70	5220.30	5174.34	5187.11	0.56	ppb
Zirconium	90-1	489.39	501.25	498.86	496.50	1.26	ppb
Zirconium	91-1	492.52	500.18	499.24	497.31	0.84	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:34:03	DataFile Name :	015CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20243.87	20107.85	20253.01	20201.58	0.40	ppb
Antimony	121-1	981.71	986.19	1009.26	992.39	1.49	ppb
Arsenic	75-2	989.00	1006.14	989.72	994.95	0.97	ppb
Barium	135-1	4911.39	4934.20	5097.81	4981.13	2.04	ppb
Barium	137-1	4931.30	4976.93	5025.17	4977.80	0.94	ppb
Beryllium	9-1	988.81	1006.57	978.71	991.36	1.42	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	983.81	989.55	1003.33	992.23	1.01	ppb
Cadmium	106-1	989.39	986.49	995.64	990.51	0.47	ppb
Cadmium	111-1	981.89	994.31	1000.12	992.11	0.94	ppb
Calcium	43-1	100437.25	100993.79	100722.20	100717.75	0.28	ppb
Calcium	44-1	99628.26	100555.82	101644.00	100609.36	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	999.08	979.82	996.87	991.92	1.06	ppb
Cobalt	59-2	984.06	989.20	990.01	987.76	0.33	ppb
Copper	63-2	9815.85	9823.50	9976.92	9872.09	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				87		%
Iron	54-2	52426.89	51796.09	52023.95	52082.31	0.61	ppb
Iron	56-2	52016.03	51036.40	50744.17	51265.53	1.30	ppb
Iron	57-2	51688.67	51567.82	50936.55	51397.68	0.79	ppb
Krypton	83-1						cps
Lead	206-1	4960.51	5073.11	5017.86	5017.16	1.12	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:34:03	DataFile Name :	015CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4921.71	5074.08	5055.90	5017.23	1.66	ppb
Lead	208-1	4914.81	5053.76	5071.39	5013.32	1.71	ppb
Lithium	6-1				97		%
Magnesium	24-2	102097.26	101927.50	101983.10	102002.62	0.08	ppb
Manganese	55-2	10007.76	9920.11	9884.41	9937.42	0.64	ppb
Molybdenum	94-1	10033.72	10028.18	9994.88	10018.93	0.21	ppb
Molybdenum	95-1	9971.96	10115.36	9976.25	10021.19	0.81	ppb
Molybdenum	96-1	9910.34	10138.71	9978.24	10009.10	1.17	ppb
Molybdenum	97-1	10052.56	10092.26	9926.56	10023.79	0.86	ppb
Molybdenum	98-1	10027.79	10100.68	9966.72	10031.73	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.57	985.21	989.83	993.54	1.07	ppb
Phosphorus	31-2	19827.69	19613.76	19964.66	19802.04	0.89	ppb
Potassium	39-2	49732.99	49427.75	49250.66	49470.46	0.49	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	1004.10	1000.26	984.85	996.40	1.02	ppb
Selenium	77-2	1013.07	1015.52	977.55	1002.05	2.12	ppb
Selenium	78-2	1001.73	995.81	972.59	990.05	1.56	ppb
Silicon	28-1	994.18	983.49	990.88	989.52	0.55	ppb
Silver	107-1	985.12	973.82	999.85	986.26	1.32	ppb
Silver	109-1	979.34	983.78	1004.02	989.05	1.33	ppb
Sodium	23-2	102736.02	101935.54	101757.29	102142.95	0.51	ppb
Strontium	86-1	1000.48	1006.21	980.34	995.68	1.36	ppb
Strontium	88-1	986.67	1012.41	994.86	997.98	1.32	ppb
Sulfur	34-1	20024.20	19850.99	19954.88	19943.36	0.44	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	1000.03	1011.68	999.53	1003.75	0.69	ppb
Thallium	205-1	999.25	1008.99	1007.05	1005.10	0.51	ppb
Tin	118-1	981.45	1003.12	1001.10	995.22	1.20	ppb
Titanium	47-1	10077.56	10039.46	9917.67	10011.57	0.83	ppb
Uranium	238-1	1006.68	1008.90	1005.78	1007.12	0.16	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:34:03	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1003.02	984.07	1003.80	996.96	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	9899.62	9775.08	9940.03	9871.58	0.87	ppb
Zirconium	90-1	1000.20	1006.38	997.14	1001.24	0.47	ppb
Zirconium	91-1	996.96	1002.97	1001.40	1000.44	0.31	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:36:51	DataFile Name :	016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100257.61	100233.67	99427.28	99972.86	0.47	ppb
Antimony	121-1	0.75	0.73	0.70	0.73	3.47	ppb
Arsenic	75-2	0.43	0.46	0.53	0.47	11.10	ppb
Barium	135-1	2.05	1.94	1.95	1.98	2.97	ppb
Barium	137-1	2.05	1.96	1.96	1.99	2.42	ppb
Beryllium	9-1	0.17	0.15	0.13	0.15	12.72	ppb
Bismuth	209-1				84		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Cadmium	108-1	0.46	0.37	0.34	0.39	16.53	ppb
Cadmium	106-1	-0.59	-1.03	-0.62	-0.75		ppb
Cadmium	111-1	0.08	0.05	0.08	0.07	20.94	ppb
Calcium	43-1	491414.68	505820.20	501923.40	499719.42	1.49	ppb
Calcium	44-1	492035.32	504553.24	502731.64	499773.40	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.45	8.60	8.42	8.49	1.11	ppb
Cobalt	59-2	2.03	2.06	2.00	2.03	1.57	ppb
Copper	63-2	2.48	2.42	2.36	2.42	2.31	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				86		%
Indium	115-2				87		%
Iron	54-2	250080.16	251027.30	246922.61	249343.36	0.86	ppb
Iron	56-2	249396.25	251107.52	248169.35	249557.71	0.59	ppb
Iron	57-2	248753.14	250695.97	249003.74	249484.28	0.42	ppb
Krypton	83-1						cps
Lead	206-1	5.72	5.58	5.51	5.60	1.92	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:36:51	DataFile Name :	016CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.76	5.65	5.61	5.67	1.32	ppb
Lead	208-1	5.72	5.58	5.56	5.62	1.58	ppb
Lithium	6-1				87		%
Magnesium	24-2	493966.53	498893.57	504864.31	499241.47	1.09	ppb
Manganese	55-2	5.67	5.74	5.58	5.66	1.45	ppb
Molybdenum	94-1	2.18	2.09	2.05	2.11	3.31	ppb
Molybdenum	95-1	1.51	1.43	1.39	1.44	4.33	ppb
Molybdenum	96-1	2.46	2.35	2.36	2.39	2.46	ppb
Molybdenum	97-1	1.48	1.39	1.35	1.41	4.88	ppb
Molybdenum	98-1	1.44	1.34	1.27	1.35	6.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.48	4.25	4.18	4.30	3.53	ppb
Phosphorus	31-2	-6.24	-11.82	-6.59	-8.22		ppb
Potassium	39-2	250392.51	248949.80	250834.12	250058.81	0.39	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	82-1	1.03	0.96	0.83	0.94	10.69	ppb
Selenium	77-2	0.83	0.34	0.82	0.66	42.46	ppb
Selenium	78-2	0.20	-0.09	0.33	0.15	144.96	ppb
Silicon	28-1	2.60	2.34	1.92	2.29	14.98	ppb
Silver	107-1	0.12	0.10	0.09	0.10	11.95	ppb
Silver	109-1	0.12	0.10	0.10	0.10	10.27	ppb
Sodium	23-2	498291.70	501506.47	498047.34	499281.83	0.39	ppb
Strontium	86-1	3.10	3.10	3.23	3.14	2.40	ppb
Strontium	88-1	3.10	3.13	3.16	3.13	0.89	ppb
Sulfur	34-1	-670.09	-653.02	-758.65	-693.92		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.10	0.09	0.08	0.09	11.43	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	10.42	ppb
Tin	118-1	0.21	0.19	0.20	0.20	5.39	ppb
Titanium	47-1	1.07	1.01	0.95	1.01	6.09	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	14.85	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:36:51	DataFile Name :	016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.27	0.22	0.24	0.24	9.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	56.81	58.01	57.08	57.30	1.10	ppb
Zirconium	90-1	0.48	0.46	0.47	0.47	1.52	ppb
Zirconium	91-1	0.48	0.48	0.48	0.48	0.10	ppb

LB Number : LB135831 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired : 2025-05-19 16:46:29 DataFile Name : 018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	488.03	483.37	487.11	486.17	0.51	ppb
Antimony	121-1	209.95	207.74	207.97	208.55	0.58	ppb
Arsenic	75-2	204.17	204.91	209.58	206.22	1.42	ppb
Barium	135-1	98.28	99.52	100.19	99.33	0.98	ppb
Barium	137-1	99.23	98.70	101.44	99.79	1.46	ppb
Beryllium	9-1	108.76	110.02	110.17	109.65	0.71	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	88.89	89.60	90.69	89.73	1.01	ppb
Cadmium	106-1	83.25	84.82	86.11	84.73	1.69	ppb
Cadmium	111-1	101.39	102.37	102.90	102.22	0.75	ppb
Calcium	43-1	1935.36	1966.68	1945.11	1949.05	0.82	ppb
Calcium	44-1	1988.80	2032.74	2028.11	2016.55	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.67	98.88	99.16	99.57	0.97	ppb
Cobalt	59-2	104.06	103.42	103.55	103.68	0.33	ppb
Copper	63-2	105.79	104.66	104.60	105.01	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	2110.93	2113.55	2120.01	2114.83	0.22	ppb
Iron	56-2	2137.54	2094.09	2118.51	2116.71	1.03	ppb
Iron	57-2	2022.26	2007.07	2021.26	2016.87	0.42	ppb
Krypton	83-1						cps
Lead	206-1	205.51	209.01	198.43	204.32	2.64	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:46:29	DataFile Name :	018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	203.47	202.99	194.28	200.25	2.59	ppb
Lead	208-1	205.06	205.35	197.63	202.68	2.16	ppb
Lithium	6-1				107		%
Magnesium	24-2	1210.79	1182.16	1181.60	1191.52	1.40	ppb
Manganese	55-2	99.70	97.57	98.67	98.65	1.08	ppb
Molybdenum	94-1	0.13	0.12	0.11	0.12	9.33	ppb
Molybdenum	95-1	0.06	0.05	0.06	0.06	5.05	ppb
Molybdenum	96-1	0.08	0.09	0.09	0.09	4.74	ppb
Molybdenum	97-1	0.06	0.05	0.05	0.05	13.74	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.62	102.93	102.60	103.05	0.50	ppb
Phosphorus	31-2	-20.95	-21.41	-15.29	-19.22		ppb
Potassium	39-2	1938.05	1934.49	1932.68	1935.07	0.14	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	217.87	214.29	219.04	217.07	1.14	ppb
Selenium	77-2	208.16	210.81	226.37	215.11	4.57	ppb
Selenium	78-2	209.36	214.59	212.94	212.29	1.26	ppb
Silicon	28-1	0.01	0.25	0.09	0.11	105.18	ppb
Silver	107-1	52.25	51.42	53.20	52.29	1.70	ppb
Silver	109-1	50.99	52.57	52.65	52.07	1.79	ppb
Sodium	23-2	2157.43	2088.21	2119.22	2121.62	1.63	ppb
Strontium	86-1	0.23	0.22	0.24	0.23	4.88	ppb
Strontium	88-1	0.24	0.24	0.24	0.24	0.16	ppb
Sulfur	34-1	-542.28	-612.55	-691.33	-615.39		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	199.30	207.66	196.67	201.21	2.85	ppb
Thallium	205-1	200.43	204.36	197.87	200.89	1.63	ppb
Tin	118-1	0.02	0.01	0.01	0.01	63.44	ppb
Titanium	47-1	0.05	0.05	0.05	0.05	1.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:46:29	DataFile Name :	018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	99.15	97.41	98.69	98.42	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	205.29	202.13	204.55	203.99	0.81	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	6.53	ppb
Zirconium	91-1	0.09	0.09	0.10	0.10	5.51	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:58:14	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.24	21.35	20.73	20.77	2.68	ppb
Antimony	121-1	2.06	2.09	2.06	2.07	0.86	ppb
Arsenic	75-2	1.04	1.23	1.29	1.19	11.16	ppb
Barium	135-1	10.10	10.33	10.27	10.23	1.19	ppb
Barium	137-1	10.27	10.66	10.34	10.42	2.00	ppb
Beryllium	9-1	1.13	1.22	1.14	1.16	4.61	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	1.17	1.14	1.03	1.11	6.62	ppb
Cadmium	106-1	0.16	1.00	0.97	0.71	67.49	ppb
Cadmium	111-1	0.99	1.12	1.12	1.08	6.96	ppb
Calcium	43-1	522.96	517.72	511.65	517.44	1.09	ppb
Calcium	44-1	522.50	523.01	515.76	520.43	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.13	2.12	2.22	2.16	2.50	ppb
Cobalt	59-2	1.12	1.17	1.18	1.16	2.84	ppb
Copper	63-2	2.29	2.28	2.31	2.29	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	56.51	58.05	57.99	57.52	1.52	ppb
Iron	56-2	54.76	55.69	55.85	55.43	1.06	ppb
Iron	57-2	55.89	54.93	53.91	54.91	1.81	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.98	1.00	1.00	1.27	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:58:14	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.99	1.00	1.00	1.00	0.65	ppb
Lead	208-1	1.01	0.99	1.00	1.00	0.66	ppb
Lithium	6-1				108		%
Magnesium	24-2	572.06	572.57	585.88	576.84	1.36	ppb
Manganese	55-2	0.90	1.11	1.04	1.02	10.61	ppb
Molybdenum	94-1	6.14	6.13	6.01	6.10	1.21	ppb
Molybdenum	95-1	5.16	5.18	4.96	5.10	2.44	ppb
Molybdenum	96-1	5.17	5.22	5.13	5.17	0.80	ppb
Molybdenum	97-1	5.13	5.18	5.03	5.11	1.50	ppb
Molybdenum	98-1	5.02	5.18	4.94	5.05	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.10	1.11	1.09	2.00	ppb
Phosphorus	31-2	14.73	6.58	13.92	11.74	38.22	ppb
Potassium	39-2	516.53	537.93	538.98	531.15	2.39	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	6.08	6.06	5.41	5.85	6.45	ppb
Selenium	77-2	5.30	6.32	6.36	6.00	9.98	ppb
Selenium	78-2	4.85	5.16	5.46	5.16	5.85	ppb
Silicon	28-1	0.60	0.74	0.87	0.74	18.42	ppb
Silver	107-1	1.09	1.10	1.08	1.09	0.65	ppb
Silver	109-1	1.09	1.10	1.10	1.09	0.63	ppb
Sodium	23-2	549.93	563.80	573.24	562.32	2.08	ppb
Strontium	86-1	1.02	1.05	1.00	1.02	2.06	ppb
Strontium	88-1	1.04	1.04	1.01	1.03	1.70	ppb
Sulfur	34-1	-480.54	-506.04	-546.07	-510.88		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	1.01	0.97	1.01	1.00	2.58	ppb
Thallium	205-1	1.01	1.00	0.97	0.99	1.77	ppb
Tin	118-1	5.26	5.26	5.19	5.24	0.76	ppb
Titanium	47-1	5.17	5.16	5.07	5.14	1.11	ppb
Uranium	238-1	0.97	0.95	0.95	0.96	1.49	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:58:14	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.27	5.40	5.45	5.37	1.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	5.15	5.30	5.75	5.40	5.77	ppb
Zirconium	90-1	1.02	1.04	0.98	1.01	3.08	ppb
Zirconium	91-1	1.05	1.07	1.02	1.04	2.51	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:01:35	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.78	4.62	4.21	4.54	6.50	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	11.96	ppb
Arsenic	75-2	0.00	0.01	-0.02	-0.01		ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00	74.53	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.01	-0.01	0.00	0.00	1924.31	ppb
Cadmium	106-1	-0.97	-1.32	-0.99	-1.09		ppb
Cadmium	111-1	-0.08	-0.10	-0.08	-0.08		ppb
Calcium	43-1	-2.88	-2.58	-2.73	-2.73		ppb
Calcium	44-1	-4.74	-4.61	-4.41	-4.59		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.02	0.01	76.19	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.07	-0.05	-0.05	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	0.21	-0.23	-0.14	-0.05		ppb
Iron	56-2	-0.18	-0.18	-0.17	-0.18		ppb
Iron	57-2	0.59	-0.35	0.09	0.11	430.26	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	14.90	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:01:35	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.01	0.01	0.01	42.95	ppb
Lead	208-1	0.01	0.01	0.01	0.01	16.06	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.18	0.33	0.35	0.29	33.70	ppb
Manganese	55-2	-0.16	-0.13	-0.12	-0.14		ppb
Molybdenum	94-1	0.03	0.03	0.02	0.03	9.50	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	59.23	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	57.17	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.04	-0.04	-0.04		ppb
Phosphorus	31-2	-4.62	-13.84	-23.22	-13.89		ppb
Potassium	39-2	-0.33	0.45	2.41	0.84	167.81	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.12	0.00	0.06	0.06	91.61	ppb
Selenium	77-2	-0.15	-0.15	-0.15	-0.15		ppb
Selenium	78-2	-0.51	-0.90	-0.63	-0.68		ppb
Silicon	28-1	-0.02	-0.09	-0.05	-0.05		ppb
Silver	107-1	0.02	0.03	0.02	0.02	5.45	ppb
Silver	109-1	0.03	0.02	0.03	0.02	2.45	ppb
Sodium	23-2	-2.29	-1.45	1.55	-0.73		ppb
Strontium	86-1	0.00	0.00	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-468.30	-442.95	-350.17	-420.47		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.01	0.00	34.54	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	10.99	ppb
Tin	118-1	0.01	0.00	0.01	0.01	32.48	ppb
Titanium	47-1	0.01	0.01	0.01	0.01	12.36	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:01:35	DataFile Name :	022CCBE.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				106		%
Yttrium	89-2				107		%
Zinc	66-2	-0.23	-0.27	-0.26	-0.25		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	24.71	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	25.50	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:04:57	DataFile Name :	023ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96837.44	97966.83	95962.17	96922.15	1.04	ppb
Antimony	121-1	1.05	1.06	1.08	1.07	1.61	ppb
Arsenic	75-2	0.28	0.38	0.27	0.31	19.44	ppb
Barium	135-1	1.45	1.49	1.41	1.45	2.51	ppb
Barium	137-1	1.42	1.45	1.42	1.43	1.11	ppb
Beryllium	9-1	0.30	0.30	0.28	0.29	3.09	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	14.71	14.09	13.55	14.12	4.12	ppb
Cadmium	106-1	-1.45	-1.61	-2.19	-1.75		ppb
Cadmium	111-1	0.38	0.43	0.36	0.39	8.99	ppb
Calcium	43-1	101911.10	101461.78	103444.72	102272.53	1.02	ppb
Calcium	44-1	101868.77	103162.46	104558.73	103196.65	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.48	19.59	19.51	19.53	0.27	ppb
Cobalt	59-2	1.16	1.14	1.17	1.16	1.46	ppb
Copper	63-2	7.49	7.53	7.46	7.49	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	107187.09	106450.88	107520.35	107052.77	0.51	ppb
Iron	56-2	107162.13	106781.55	107641.81	107195.16	0.40	ppb
Iron	57-2	106238.59	107594.83	105967.08	106600.17	0.82	ppb
Krypton	83-1						cps
Lead	206-1	4.42	4.48	4.48	4.46	0.83	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:04:57	DataFile Name :	023ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.10	4.12	4.13	4.11	0.37	ppb
Lead	208-1	4.18	4.22	4.24	4.21	0.68	ppb
Lithium	6-1				98		%
Magnesium	24-2	101946.99	102543.80	101411.21	101967.33	0.56	ppb
Manganese	55-2	7.24	7.42	7.30	7.32	1.21	ppb
Molybdenum	94-1	1661.12	1668.78	1638.75	1656.22	0.94	ppb
Molybdenum	95-1	2015.05	2049.28	2011.15	2025.16	1.04	ppb
Molybdenum	96-1	1972.38	2004.89	1956.57	1977.95	1.25	ppb
Molybdenum	97-1	1988.99	2025.00	2007.75	2007.25	0.90	ppb
Molybdenum	98-1	1994.56	2011.19	2007.55	2004.43	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.04	5.39	5.29	5.24	3.37	ppb
Phosphorus	31-2	108859.34	108866.86	108962.14	108896.11	0.05	ppb
Potassium	39-2	102766.38	103109.23	103063.68	102979.76	0.18	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.17	0.37	0.19	0.24	44.91	ppb
Selenium	77-2	-0.15	0.76	-0.15	0.15	348.01	ppb
Selenium	78-2	-0.73	-0.32	-0.18	-0.41		ppb
Silicon	28-1	2.48	2.40	2.49	2.46	2.02	ppb
Silver	107-1	0.08	0.06	0.05	0.06	20.27	ppb
Silver	109-1	0.07	0.06	0.05	0.06	15.87	ppb
Sodium	23-2	107012.53	107642.06	107260.80	107305.13	0.30	ppb
Strontium	86-1	32.22	33.19	32.75	32.72	1.50	ppb
Strontium	88-1	35.41	35.76	35.63	35.60	0.49	ppb
Sulfur	34-1	102953.18	101302.88	104441.44	102899.16	1.53	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.13	0.16	0.12	35.76	ppb
Thallium	205-1	0.08	0.12	0.15	0.12	33.09	ppb
Tin	118-1	0.46	0.42	0.37	0.41	11.64	ppb
Titanium	47-1	2101.53	2102.12	2115.69	2106.45	0.38	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.07	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:04:57	DataFile Name :	023ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.14	0.15	0.14	2.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	11.11	11.35	11.09	11.19	1.28	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	3.39	ppb
Zirconium	91-1	0.03	0.04	0.04	0.03	11.53	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:08:31	DataFile Name :	024ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85525.94	91713.15	92632.00	89957.03	4.30	ppb
Antimony	121-1	19.91	19.73	19.51	19.72	1.02	ppb
Arsenic	75-2	19.28	19.46	19.73	19.49	1.16	ppb
Barium	135-1	20.41	20.76	20.40	20.52	1.00	ppb
Barium	137-1	20.35	20.41	20.55	20.44	0.50	ppb
Beryllium	9-1	21.33	21.92	21.90	21.72	1.53	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	29.67	29.94	29.89	29.83	0.47	ppb
Cadmium	106-1	14.74	14.29	13.16	14.06	5.77	ppb
Cadmium	111-1	19.06	19.04	18.48	18.86	1.74	ppb
Calcium	43-1	98252.57	97838.13	97141.37	97744.02	0.57	ppb
Calcium	44-1	98206.51	98880.37	97652.71	98246.53	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.74	37.25	37.85	36.62	4.51	ppb
Cobalt	59-2	18.55	20.23	20.41	19.73	5.21	ppb
Copper	63-2	24.06	26.10	26.37	25.51	4.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	94584.91	101107.79	100623.57	98772.09	3.68	ppb
Iron	56-2	92291.52	100825.66	101117.18	98078.12	5.11	ppb
Iron	57-2	93965.90	99839.72	99659.87	97821.83	3.41	ppb
Krypton	83-1						cps
Lead	206-1	22.59	22.87	23.21	22.89	1.35	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:08:31	DataFile Name :	024ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	22.25	22.71	22.87	22.61	1.42	ppb
Lead	208-1	22.46	22.52	22.73	22.57	0.63	ppb
Lithium	6-1				98		%
Magnesium	24-2	89549.26	95782.23	97028.63	94120.04	4.26	ppb
Manganese	55-2	24.52	27.07	26.90	26.16	5.46	ppb
Molybdenum	94-1	1520.02	1613.23	1569.45	1567.56	2.97	ppb
Molybdenum	95-1	1875.51	1946.33	1928.23	1916.69	1.92	ppb
Molybdenum	96-1	1814.77	1908.02	1914.76	1879.18	2.97	ppb
Molybdenum	97-1	1839.12	1944.64	1943.98	1909.25	3.18	ppb
Molybdenum	98-1	1834.69	1967.34	1939.34	1913.79	3.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.64	23.53	23.70	22.96	4.98	ppb
Phosphorus	31-2	96131.99	103780.53	104037.99	101316.84	4.43	ppb
Potassium	39-2	90861.30	97039.28	97110.78	95003.79	3.78	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	21.39	20.97	21.60	21.32	1.51	ppb
Selenium	77-2	20.75	22.65	21.16	21.52	4.64	ppb
Selenium	78-2	17.04	21.92	21.85	20.27	13.80	ppb
Silicon	28-1	2.22	2.11	2.21	2.18	2.69	ppb
Silver	107-1	17.81	18.11	17.86	17.93	0.89	ppb
Silver	109-1	17.92	18.06	18.07	18.02	0.48	ppb
Sodium	23-2	95195.96	102421.80	102809.52	100142.43	4.28	ppb
Strontium	86-1	30.35	31.93	31.78	31.35	2.77	ppb
Strontium	88-1	33.37	34.04	34.39	33.93	1.53	ppb
Sulfur	34-1	97601.39	97308.86	97312.10	97407.45	0.17	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	18.96	19.27	19.50	19.24	1.42	ppb
Thallium	205-1	19.30	19.41	19.56	19.42	0.67	ppb
Tin	118-1	0.17	0.16	0.17	0.17	2.98	ppb
Titanium	47-1	1989.59	1990.72	1971.86	1984.06	0.53	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	8.80	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:08:31	DataFile Name :	024ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	17.98	19.22	19.71	18.97	4.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	26.95	30.00	29.32	28.76	5.57	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	7.75	ppb
Zirconium	91-1	0.05	0.07	0.08	0.07	27.07	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:17:00	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51751.77	51463.19	50848.87	51354.61	0.90	ppb
Antimony	121-1	493.49	494.79	487.12	491.80	0.84	ppb
Arsenic	75-2	483.92	487.99	483.97	485.29	0.48	ppb
Barium	135-1	2527.42	2504.87	2479.49	2503.93	0.96	ppb
Barium	137-1	2471.81	2468.75	2447.50	2462.69	0.54	ppb
Beryllium	9-1	527.03	523.78	521.88	524.23	0.50	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	476.05	487.38	479.98	481.14	1.20	ppb
Cadmium	106-1	483.83	488.51	485.18	485.84	0.50	ppb
Cadmium	111-1	485.54	499.18	483.71	489.48	1.73	ppb
Calcium	43-1	253062.11	252436.18	251325.23	252274.51	0.35	ppb
Calcium	44-1	252414.95	253132.80	252904.84	252817.53	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.59	506.22	506.92	505.91	0.24	ppb
Cobalt	59-2	484.13	492.04	480.44	485.54	1.22	ppb
Copper	63-2	4758.29	4764.75	4655.59	4726.21	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	126286.30	125873.41	126208.44	126122.72	0.17	ppb
Iron	56-2	125556.67	126815.80	125974.18	126115.55	0.51	ppb
Iron	57-2	127449.92	127119.91	124714.85	126428.23	1.18	ppb
Krypton	83-1						cps
Lead	206-1	2475.05	2557.82	2504.81	2512.56	1.67	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:17:00	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2534.74	2554.97	2540.71	2543.47	0.41	ppb
Lead	208-1	2530.61	2567.36	2528.22	2542.06	0.86	ppb
Lithium	6-1				94		%
Magnesium	24-2	261259.45	258345.03	258690.16	259431.55	0.61	ppb
Manganese	55-2	4911.49	4971.27	4928.19	4936.98	0.62	ppb
Molybdenum	94-1	5048.10	5004.54	5041.64	5031.43	0.47	ppb
Molybdenum	95-1	5105.24	5027.27	5079.87	5070.79	0.78	ppb
Molybdenum	96-1	5057.87	5003.77	5079.76	5047.13	0.77	ppb
Molybdenum	97-1	4996.35	5007.82	5032.91	5012.36	0.37	ppb
Molybdenum	98-1	5015.41	5051.98	5052.30	5039.90	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	447.00	501.58	493.95	480.84	6.15	ppb
Phosphorus	31-2	10369.87	10143.42	9971.49	10161.60	1.97	ppb
Potassium	39-2	128236.76	127749.82	125386.80	127124.46	1.20	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	492.66	488.94	486.41	489.34	0.64	ppb
Selenium	77-2	469.74	458.63	476.87	468.41	1.96	ppb
Selenium	78-2	468.00	494.22	482.35	481.52	2.73	ppb
Silicon	28-1	520.88	520.61	522.81	521.43	0.23	ppb
Silver	107-1	481.62	481.73	480.36	481.24	0.16	ppb
Silver	109-1	481.07	484.16	472.36	479.20	1.28	ppb
Sodium	23-2	258643.29	259424.49	256021.45	258029.74	0.69	ppb
Strontium	86-1	502.94	496.43	508.25	502.54	1.18	ppb
Strontium	88-1	498.20	500.59	497.60	498.80	0.32	ppb
Sulfur	34-1	10199.43	10048.65	9858.69	10035.59	1.70	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	502.08	508.09	509.48	506.55	0.78	ppb
Thallium	205-1	502.44	514.76	507.52	508.24	1.22	ppb
Tin	118-1	489.39	494.23	484.12	489.25	1.03	ppb
Titanium	47-1	4968.10	4998.78	4959.65	4975.51	0.41	ppb
Uranium	238-1	516.73	511.45	515.76	514.65	0.55	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:17:00	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	504.70	503.96	504.08	504.25	0.08	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	4861.73	4756.61	4714.92	4777.75	1.58	ppb
Zirconium	90-1	507.60	503.11	503.41	504.71	0.50	ppb
Zirconium	91-1	510.54	507.14	508.66	508.78	0.34	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:19:41	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.39	5.79	6.33	6.50	12.57	ppb
Antimony	121-1	0.14	0.13	0.11	0.13	14.74	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	154.91	ppb
Barium	135-1	0.11	0.08	0.06	0.08	30.79	ppb
Barium	137-1	0.11	0.07	0.07	0.08	30.27	ppb
Beryllium	9-1	0.07	0.06	0.05	0.06	23.48	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.02	0.01	0.02	36.72	ppb
Cadmium	106-1	-0.60	-1.50	-0.88	-0.99		ppb
Cadmium	111-1	-0.02	-0.09	-0.05	-0.05		ppb
Calcium	43-1	10.26	7.06	5.73	7.68	30.27	ppb
Calcium	44-1	8.73	5.09	3.12	5.65	50.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.01	0.01	34.08	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	108.23	ppb
Copper	63-2	0.47	0.44	0.43	0.44	4.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	3.14	2.12	2.67	2.65	19.28	ppb
Iron	56-2	2.43	1.92	1.89	2.08	14.68	ppb
Iron	57-2	2.58	1.83	1.95	2.12	18.92	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.16	0.14	0.16	15.38	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:19:41	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.20	0.17	0.15	0.17	14.18	ppb
Lead	208-1	0.20	0.16	0.14	0.17	17.53	ppb
Lithium	6-1				105		%
Magnesium	24-2	4.20	3.74	3.64	3.86	7.67	ppb
Manganese	55-2	0.05	0.04	0.06	0.05	15.72	ppb
Molybdenum	94-1	0.37	0.30	0.27	0.31	15.86	ppb
Molybdenum	95-1	0.28	0.21	0.18	0.22	24.15	ppb
Molybdenum	96-1	0.29	0.23	0.18	0.23	24.53	ppb
Molybdenum	97-1	0.30	0.20	0.18	0.23	28.74	ppb
Molybdenum	98-1	0.27	0.21	0.17	0.22	24.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-18.66	-23.62	-17.65	-19.97		ppb
Potassium	39-2	30.42	24.66	28.90	27.99	10.66	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	-0.06	0.24	-0.06	0.04	436.63	ppb
Selenium	77-2	-0.15	-0.15	-0.15	-0.15		ppb
Selenium	78-2	-0.76	-0.53	-0.61	-0.63		ppb
Silicon	28-1	0.00	-0.07	-0.16	-0.08		ppb
Silver	107-1	0.10	0.07	0.06	0.08	23.94	ppb
Silver	109-1	0.10	0.07	0.07	0.08	23.57	ppb
Sodium	23-2	41.62	38.15	39.89	39.89	4.35	ppb
Strontium	86-1	0.02	0.02	0.01	0.02	26.08	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	28.03	ppb
Sulfur	34-1	-818.04	-822.99	-819.52	-820.18		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.05	0.04	0.05	9.90	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	18.16	ppb
Tin	118-1	0.06	0.08	0.06	0.07	13.24	ppb
Titanium	47-1	0.25	0.20	0.15	0.20	24.08	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	47.50	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:19:41	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.01	0.01	36.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	0.66	0.44	0.51	0.53	21.15	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	12.79	ppb
Zirconium	91-1	0.07	0.07	0.05	0.06	16.19	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:23:44	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.42	21.49	21.00	21.30	1.24	ppb
Antimony	121-1	2.04	2.13	2.07	2.08	2.15	ppb
Arsenic	75-2	1.04	1.24	1.06	1.11	9.90	ppb
Barium	135-1	10.16	10.35	10.25	10.25	0.91	ppb
Barium	137-1	10.21	10.46	10.16	10.27	1.57	ppb
Beryllium	9-1	1.16	1.20	1.11	1.15	3.77	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	1.09	1.21	1.05	1.12	7.29	ppb
Cadmium	106-1	-0.21	-0.01	0.35	0.05	610.57	ppb
Cadmium	111-1	1.00	1.03	1.08	1.03	4.30	ppb
Calcium	43-1	536.75	535.32	533.38	535.15	0.32	ppb
Calcium	44-1	524.44	532.29	539.29	532.01	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.11	2.09	2.12	2.10	0.60	ppb
Cobalt	59-2	1.12	1.14	1.16	1.14	1.63	ppb
Copper	63-2	2.28	2.30	2.32	2.30	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	54-2	59.62	57.66	56.91	58.06	2.41	ppb
Iron	56-2	54.83	55.81	56.10	55.58	1.20	ppb
Iron	57-2	53.63	54.70	55.38	54.57	1.61	ppb
Krypton	83-1						cps
Lead	206-1	1.00	1.02	0.99	1.00	1.29	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:23:44	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.04	1.08	1.02	1.05	2.76	ppb
Lead	208-1	1.01	1.04	1.02	1.02	1.34	ppb
Lithium	6-1				107		%
Magnesium	24-2	576.61	564.94	568.89	570.15	1.04	ppb
Manganese	55-2	1.09	1.08	0.97	1.05	6.06	ppb
Molybdenum	94-1	6.08	6.11	6.06	6.08	0.44	ppb
Molybdenum	95-1	5.10	5.09	5.01	5.07	1.00	ppb
Molybdenum	96-1	5.13	5.20	5.18	5.17	0.71	ppb
Molybdenum	97-1	5.12	5.14	5.12	5.13	0.21	ppb
Molybdenum	98-1	5.05	5.10	5.01	5.05	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.05	1.07	1.06	0.82	ppb
Phosphorus	31-2	20.99	9.61	18.47	16.36	36.55	ppb
Potassium	39-2	540.93	544.07	540.36	541.78	0.37	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	5.53	5.77	5.70	5.67	2.16	ppb
Selenium	77-2	9.34	7.18	5.45	7.32	26.59	ppb
Selenium	78-2	6.57	6.70	4.77	6.01	17.97	ppb
Silicon	28-1	0.74	0.72	0.87	0.78	10.13	ppb
Silver	107-1	1.00	1.07	1.07	1.05	3.69	ppb
Silver	109-1	1.04	1.09	1.06	1.06	2.72	ppb
Sodium	23-2	578.98	572.21	573.71	574.97	0.62	ppb
Strontium	86-1	1.00	1.05	1.04	1.03	2.89	ppb
Strontium	88-1	1.03	1.04	1.04	1.04	0.80	ppb
Sulfur	34-1	-581.25	-609.54	-574.88	-588.56		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.96	1.01	0.99	0.99	2.64	ppb
Thallium	205-1	0.98	1.02	1.00	1.00	1.83	ppb
Tin	118-1	5.09	5.30	5.18	5.19	1.97	ppb
Titanium	47-1	5.24	5.23	5.29	5.25	0.56	ppb
Uranium	238-1	0.96	0.97	0.94	0.95	1.73	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:23:44	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.25	5.27	5.15	5.22	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	5.36	5.22	5.65	5.41	4.05	ppb
Zirconium	90-1	1.02	1.06	1.05	1.04	1.66	ppb
Zirconium	91-1	1.02	1.05	1.02	1.03	1.49	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2043-05DLX5	Instrumnet Name :	P8
Client Sample ID :	3139DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:27:04	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.37	38.51	37.41	37.76	1.71	ppb
Antimony	121-1	0.41	0.42	0.42	0.41	1.75	ppb
Arsenic	75-2	1.05	1.01	0.99	1.01	2.83	ppb
Barium	135-1	10.38	10.43	10.29	10.37	0.68	ppb
Barium	137-1	10.28	10.52	10.44	10.41	1.16	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	165.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.32	0.39	0.27	0.33	17.96	ppb
Cadmium	106-1	-0.62	-0.13	-0.54	-0.43		ppb
Cadmium	111-1	0.19	0.22	0.19	0.20	10.17	ppb
Calcium	43-1	1611.57	1649.10	1590.53	1617.07	1.83	ppb
Calcium	44-1	1726.19	1727.19	1693.70	1715.70	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.31	10.42	10.33	10.35	0.58	ppb
Cobalt	59-2	1.08	1.06	1.08	1.07	0.80	ppb
Copper	63-2	39.29	40.07	39.61	39.66	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	54-2	109223.66	109658.67	110317.42	109733.25	0.50	ppb
Iron	56-2	109349.25	108689.33	111200.83	109746.47	1.19	ppb
Iron	57-2	108348.10	110242.27	110572.79	109721.06	1.09	ppb
Krypton	83-1						cps
Lead	206-1	1.15	1.14	1.19	1.16	2.36	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2043-05DLX5	Instrumnet Name :	P8
Client Sample ID :	3139DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:27:04	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.16	1.12	1.16	1.15	2.35	ppb
Lead	208-1	1.14	1.13	1.16	1.14	1.52	ppb
Lithium	6-1				105		%
Magnesium	24-2	3666.37	3656.66	3703.32	3675.45	0.67	ppb
Manganese	55-2	208.16	207.88	209.72	208.58	0.47	ppb
Molybdenum	94-1	2.12	2.31	2.37	2.27	5.90	ppb
Molybdenum	95-1	2.31	2.28	2.37	2.32	1.94	ppb
Molybdenum	96-1	2.76	2.71	2.82	2.76	1.85	ppb
Molybdenum	97-1	2.32	2.35	2.34	2.34	0.64	ppb
Molybdenum	98-1	2.33	2.36	2.33	2.34	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.78	6.94	6.74	6.82	1.50	ppb
Phosphorus	31-2	62.94	73.07	74.54	70.18	9.00	ppb
Potassium	39-2	1463.53	1493.77	1498.60	1485.30	1.28	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	0.35	0.14	0.05	0.18	83.43	ppb
Selenium	77-2	-0.15	-0.15	-0.15	-0.15		ppb
Selenium	78-2	-0.65	-0.78	-0.01	-0.48		ppb
Silicon	28-1	97.93	99.08	95.53	97.51	1.86	ppb
Silver	107-1	0.04	0.03	0.03	0.03	6.11	ppb
Silver	109-1	0.03	0.03	0.03	0.03	5.41	ppb
Sodium	23-2	11215.95	11092.99	11270.19	11193.04	0.81	ppb
Strontium	86-1	16.69	16.26	16.74	16.56	1.59	ppb
Strontium	88-1	18.39	17.89	18.04	18.11	1.43	ppb
Sulfur	34-1	17094.38	17007.04	16469.66	16857.03	2.01	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.01	0.01	0.01	23.09	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	10.35	ppb
Tin	118-1	8.53	9.33	8.62	8.83	5.00	ppb
Titanium	47-1	0.46	0.46	0.48	0.47	3.00	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2043-05DLX5	Instrumnet Name :	P8
Client Sample ID :	3139DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:27:04	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.92	0.91	0.97	0.93	3.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	426.22	428.79	431.23	428.75	0.58	ppb
Zirconium	90-1	0.10	0.17	0.21	0.16	33.17	ppb
Zirconium	91-1	0.11	0.17	0.21	0.16	30.41	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DLX5	Instrumnet Name :	P8
Client Sample ID :	3859DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:30:18	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	672.92	642.07	634.06	649.68	3.16	ppb
Antimony	121-1	0.90	0.93	0.86	0.90	3.64	ppb
Arsenic	75-2	41.26	42.36	43.41	42.34	2.53	ppb
Barium	135-1	20.12	20.82	20.08	20.34	2.04	ppb
Barium	137-1	19.90	20.76	20.24	20.30	2.14	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				118		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Cadmium	108-1	264.76	265.36	249.51	259.88	3.46	ppb
Cadmium	106-1	0.72	-0.16	-0.13	0.14	347.96	ppb
Cadmium	111-1	9.04	8.81	8.66	8.84	2.16	ppb
Calcium	43-1	628.91	633.98	628.77	630.55	0.47	ppb
Calcium	44-1	1544.64	1623.02	1614.63	1594.10	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.27	2.14	2.18	2.20	3.11	ppb
Cobalt	59-2	0.21	0.20	0.21	0.21	2.66	ppb
Copper	63-2	120.42	113.85	114.73	116.33	3.07	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				121		%
Holmium	165-2				120		%
Indium	115-1				116		%
Indium	115-2				114		%
Iron	54-2	57.62	55.63	56.85	56.70	1.77	ppb
Iron	56-2	56.24	53.38	54.67	54.76	2.61	ppb
Iron	57-2	55.17	51.51	55.21	53.96	3.94	ppb
Krypton	83-1						cps
Lead	206-1	2.69	2.71	2.58	2.66	2.78	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DLX5	Instrumnet Name :	P8
Client Sample ID :	3859DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:30:18	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.65	2.67	2.62	2.65	0.99	ppb
Lead	208-1	2.66	2.68	2.59	2.64	1.87	ppb
Lithium	6-1				120		%
Magnesium	24-2	317.70	302.14	310.78	310.21	2.51	ppb
Manganese	55-2	172.41	162.57	166.42	167.13	2.97	ppb
Molybdenum	94-1	28420.23	29623.59	29478.69	29174.17	2.25	ppb
Molybdenum	95-1	35471.46	36467.11	36088.78	36009.12	1.40	ppb
Molybdenum	96-1	34198.13	35710.54	35503.93	35137.53	2.33	ppb
Molybdenum	97-1	34899.99	36590.49	35391.67	35627.38	2.44	ppb
Molybdenum	98-1	34903.08	36779.41	36431.51	36038.00	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.29	1.27	1.24	1.27	1.93	ppb
Phosphorus	31-2	7606.99	7355.42	7541.77	7501.39	1.74	ppb
Potassium	39-2	927942.23	882533.46	905134.31	905203.33	2.51	ppb
Rhodium	103-1				115		%
Rhodium	103-2				114		%
Scandium	45-1				116		%
Scandium	45-2				113		%
Selenium	82-1	21.75	26.30	28.98	25.68	14.24	ppb
Selenium	77-2	27.74	28.21	24.90	26.95	6.65	ppb
Selenium	78-2	24.68	24.51	24.95	24.71	0.90	ppb
Silicon	28-1	605.70	628.54	624.10	619.45	1.96	ppb
Silver	107-1	0.08	0.09	0.09	0.09	5.67	ppb
Silver	109-1	0.11	0.11	0.10	0.11	4.89	ppb
Sodium	23-2	296718.90	283024.38	287251.42	288998.23	2.43	ppb
Strontium	86-1	15.40	16.14	15.61	15.72	2.42	ppb
Strontium	88-1	16.80	17.86	17.59	17.42	3.18	ppb
Sulfur	34-1	3600.39	3788.60	3551.19	3646.73	3.44	ppb
Terbium	159-1				122		%
Terbium	159-2				118		%
Thallium	203-1	0.28	0.23	0.19	0.23	20.62	ppb
Thallium	205-1	0.28	0.21	0.18	0.22	22.58	ppb
Tin	118-1	1.03	1.07	1.07	1.06	2.21	ppb
Titanium	47-1	5.23	5.29	5.08	5.20	2.12	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.42	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DLX5	Instrumnet Name :	P8
Client Sample ID :	3859DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:30:18	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.99	1.93	1.90	1.94	2.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				121		%
Zinc	66-2	245.59	231.51	233.15	236.75	3.25	ppb
Zirconium	90-1	0.54	0.47	0.47	0.49	7.66	ppb
Zirconium	91-1	0.54	0.47	0.47	0.50	8.48	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	PB168037BL	Instrumnet Name :	P8
Client Sample ID :	PB168037BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:37:04	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.67	-0.81	-0.60	-0.69		ppb
Antimony	121-1	0.01	0.01	0.00	0.01	24.63	ppb
Arsenic	75-2	0.17	0.16	0.10	0.15	27.73	ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.03	0.03	0.04	33.13	ppb
Cadmium	106-1	-1.09	-1.22	-0.70	-1.00		ppb
Cadmium	111-1	-0.08	-0.09	-0.06	-0.08		ppb
Calcium	43-1	-1.44	-1.66	-1.78	-1.62		ppb
Calcium	44-1	7.85	8.11	8.34	8.10	3.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.00	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.05	0.03	0.05	38.33	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				109		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	54-2	0.26	0.34	0.13	0.24	42.65	ppb
Iron	56-2	-0.11	-0.07	1.26	0.36	218.59	ppb
Iron	57-2	0.10	0.00	0.30	0.13	112.87	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.02	16.63	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	PB168037BL	Instrumnet Name :	P8
Client Sample ID :	PB168037BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:37:04	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.01	0.02	0.02	25.47	ppb
Lead	208-1	0.02	0.01	0.02	0.02	14.54	ppb
Lithium	6-1				109		%
Magnesium	24-2	-0.31	-0.05	-0.08	-0.14		ppb
Manganese	55-2	-0.06	-0.10	-0.06	-0.07		ppb
Molybdenum	94-1	0.21	0.18	0.17	0.19	11.92	ppb
Molybdenum	95-1	0.23	0.21	0.20	0.21	7.50	ppb
Molybdenum	96-1	0.23	0.20	0.19	0.20	10.70	ppb
Molybdenum	97-1	0.23	0.18	0.18	0.20	13.17	ppb
Molybdenum	98-1	0.22	0.19	0.17	0.19	11.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00		ppb
Phosphorus	31-2	-26.59	-21.35	-26.15	-24.70		ppb
Potassium	39-2	92.81	85.10	85.39	87.76	4.98	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.54	0.41	0.36	0.44	22.28	ppb
Selenium	77-2	-0.15	0.26	-0.15	-0.02		ppb
Selenium	78-2	-0.91	-0.42	-0.43	-0.59		ppb
Silicon	28-1	2.73	2.54	2.72	2.66	4.00	ppb
Silver	107-1	0.00	0.00	0.00	0.00	4.58	ppb
Silver	109-1	0.01	0.00	0.00	0.00	17.41	ppb
Sodium	23-2	33.79	30.68	29.56	31.34	7.00	ppb
Strontium	86-1	-0.01	0.00	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1151.95	-1018.13	-977.58	-1049.22		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.00	0.00	0.00	36.49	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	39.40	ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.00	-0.01	0.00	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	PB168037BL	Instrumnet Name :	P8
Client Sample ID :	PB168037BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:37:04	DataFile Name :	032CCBE.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				109		%
Yttrium	89-2				111		%
Zinc	66-2	0.14	-0.03	-0.02	0.03	346.48	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	18.57	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	87.22	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	PB168037BS	Instrumnet Name :	P8
Client Sample ID :	PB168037BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:40:24	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9718.38	9849.23	9805.32	9790.98	0.68	ppb
Antimony	121-1	513.13	517.93	512.32	514.46	0.59	ppb
Arsenic	75-2	492.04	495.73	491.36	493.05	0.48	ppb
Barium	135-1	2562.48	2566.14	2561.87	2563.50	0.09	ppb
Barium	137-1	2505.78	2531.06	2573.31	2536.71	1.35	ppb
Beryllium	9-1	523.41	525.08	517.54	522.01	0.76	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	501.88	511.40	511.61	508.30	1.09	ppb
Cadmium	106-1	502.30	513.14	511.04	508.83	1.13	ppb
Cadmium	111-1	515.00	518.32	518.54	517.29	0.38	ppb
Calcium	43-1	49955.34	50134.07	51241.12	50443.51	1.38	ppb
Calcium	44-1	49646.40	50688.55	51654.69	50663.21	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.10	519.84	515.59	514.18	1.26	ppb
Cobalt	59-2	506.89	508.38	512.55	509.28	0.58	ppb
Copper	63-2	5053.47	5113.84	5105.83	5091.05	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	26040.69	26294.05	26619.45	26318.06	1.10	ppb
Iron	56-2	25526.20	25870.25	26185.11	25860.52	1.27	ppb
Iron	57-2	25961.80	26101.28	26851.92	26305.00	1.82	ppb
Krypton	83-1						cps
Lead	206-1	2453.35	2494.52	2565.75	2504.54	2.27	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	PB168037BS	Instrumnet Name :	P8
Client Sample ID :	PB168037BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:40:24	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2465.27	2506.10	2546.05	2505.81	1.61	ppb
Lead	208-1	2468.32	2500.40	2531.65	2500.12	1.27	ppb
Lithium	6-1				106		%
Magnesium	24-2	51856.02	52837.41	52239.45	52310.96	0.95	ppb
Manganese	55-2	5052.40	5099.48	5134.41	5095.43	0.81	ppb
Molybdenum	94-1	4964.17	4980.33	5019.35	4987.95	0.57	ppb
Molybdenum	95-1	5032.75	5029.02	4969.05	5010.27	0.71	ppb
Molybdenum	96-1	5008.26	5016.11	4933.89	4986.09	0.91	ppb
Molybdenum	97-1	4976.41	5008.02	5015.15	4999.86	0.41	ppb
Molybdenum	98-1	4961.74	5034.10	5001.76	4999.20	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.22	516.93	519.53	516.23	0.72	ppb
Phosphorus	31-2	10237.33	10205.93	10308.65	10250.64	0.51	ppb
Potassium	39-2	25287.94	25118.81	25769.54	25392.10	1.33	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	509.21	504.61	504.98	506.27	0.51	ppb
Selenium	77-2	492.70	498.14	504.35	498.39	1.17	ppb
Selenium	78-2	497.89	499.41	496.14	497.82	0.33	ppb
Silicon	28-1	516.77	520.66	500.58	512.67	2.08	ppb
Silver	107-1	525.70	529.08	519.10	524.63	0.97	ppb
Silver	109-1	524.92	522.36	517.58	521.62	0.71	ppb
Sodium	23-2	51151.38	51801.12	51639.23	51530.58	0.66	ppb
Strontium	86-1	501.95	506.27	512.55	506.92	1.05	ppb
Strontium	88-1	504.19	503.26	497.65	501.70	0.71	ppb
Sulfur	34-1	9611.71	9394.76	9273.27	9426.58	1.82	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	494.20	497.59	511.85	501.22	1.87	ppb
Thallium	205-1	493.73	500.96	506.78	500.49	1.31	ppb
Tin	118-1	513.16	516.56	514.78	514.83	0.33	ppb
Titanium	47-1	4917.06	5004.22	5029.04	4983.44	1.18	ppb
Uranium	238-1	483.02	486.68	491.70	487.13	0.90	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	PB168037BS	Instrumnet Name :	P8
Client Sample ID :	PB168037BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:40:24	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	501.55	513.34	514.37	509.75	1.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	5128.96	5186.15	5184.15	5166.42	0.63	ppb
Zirconium	90-1	496.88	500.46	506.04	501.12	0.92	ppb
Zirconium	91-1	502.96	505.82	497.48	502.09	0.84	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	3859DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:43:05	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	677.98	668.00	652.94	666.31	1.89	ppb
Antimony	121-1	1.04	0.99	1.00	1.01	2.38	ppb
Arsenic	75-2	50.51	52.11	50.94	51.19	1.62	ppb
Barium	135-1	20.86	21.21	21.57	21.21	1.68	ppb
Barium	137-1	20.70	21.00	21.19	20.97	1.17	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	27.50	ppb
Bismuth	209-1				117		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Cadmium	108-1	260.07	264.01	266.90	263.66	1.30	ppb
Cadmium	106-1	0.62	0.26	0.85	0.58	51.15	ppb
Cadmium	111-1	8.99	8.98	9.00	8.99	0.08	ppb
Calcium	43-1	638.70	662.72	654.32	651.91	1.87	ppb
Calcium	44-1	1600.10	1728.71	1724.38	1684.40	4.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.21	2.19	2.17	2.19	0.97	ppb
Cobalt	59-2	0.21	0.21	0.22	0.21	3.63	ppb
Copper	63-2	122.03	117.14	116.03	118.40	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				123		%
Indium	115-1				117		%
Indium	115-2				120		%
Iron	54-2	56.74	54.65	54.56	55.31	2.23	ppb
Iron	56-2	54.61	52.83	52.21	53.21	2.34	ppb
Iron	57-2	53.86	53.00	50.57	52.47	3.25	ppb
Krypton	83-1						cps
Lead	206-1	2.79	2.84	2.70	2.78	2.50	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	3859DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:43:05	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.83	2.78	2.68	2.76	2.71	ppb
Lead	208-1	2.80	2.79	2.71	2.77	1.79	ppb
Lithium	6-1				124		%
Magnesium	24-2	326.60	322.54	313.41	320.85	2.11	ppb
Manganese	55-2	195.40	187.76	185.31	189.49	2.78	ppb
Molybdenum	94-1	29501.19	30882.35	30346.83	30243.46	2.30	ppb
Molybdenum	95-1	35931.03	37864.72	37414.37	37070.04	2.73	ppb
Molybdenum	96-1	35175.37	37245.85	36638.32	36353.18	2.93	ppb
Molybdenum	97-1	35873.71	38239.79	36919.46	37010.99	3.20	ppb
Molybdenum	98-1	36207.28	38059.85	37177.10	37148.08	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.34	1.20	1.24	1.26	5.67	ppb
Phosphorus	31-2	8223.48	7974.23	7808.00	8001.90	2.61	ppb
Potassium	39-2	973000.90	938235.80	919952.25	943729.65	2.86	ppb
Rhodium	103-1				115		%
Rhodium	103-2				118		%
Scandium	45-1				119		%
Scandium	45-2				119		%
Selenium	82-1	43.81	42.51	38.40	41.58	6.79	ppb
Selenium	77-2	30.12	20.31	31.25	27.23	22.11	ppb
Selenium	78-2	34.35	27.78	25.19	29.11	16.23	ppb
Silicon	28-1	618.76	666.75	659.20	648.23	3.98	ppb
Silver	107-1	0.12	0.12	0.12	0.12	3.24	ppb
Silver	109-1	0.15	0.14	0.15	0.15	5.94	ppb
Sodium	23-2	303614.42	297972.89	295230.80	298939.37	1.43	ppb
Strontium	86-1	15.97	16.34	16.06	16.12	1.20	ppb
Strontium	88-1	17.38	18.37	18.06	17.94	2.84	ppb
Sulfur	34-1	3484.21	3938.95	3611.26	3678.14	6.38	ppb
Terbium	159-1				122		%
Terbium	159-2				122		%
Thallium	203-1	0.22	0.18	0.15	0.18	18.22	ppb
Thallium	205-1	0.22	0.18	0.15	0.18	19.08	ppb
Tin	118-1	1.05	1.08	1.09	1.07	2.15	ppb
Titanium	47-1	5.33	5.55	5.55	5.47	2.35	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.39	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	3859DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:43:05	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.09	2.03	1.96	2.02	3.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				121		%
Yttrium	89-2				125		%
Zinc	66-2	251.33	240.19	239.48	243.66	2.73	ppb
Zirconium	90-1	0.21	0.21	0.21	0.21	1.61	ppb
Zirconium	91-1	0.23	0.24	0.21	0.23	5.10	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	3859LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 17:46:23	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	127.22	131.38	128.54	129.05	1.65	ppb
Antimony	121-1	0.17	0.17	0.17	0.17	1.41	ppb
Arsenic	75-2	5.51	5.78	5.33	5.54	4.13	ppb
Barium	135-1	4.20	4.16	4.33	4.23	2.05	ppb
Barium	137-1	4.19	4.22	4.25	4.22	0.72	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	49.03	49.26	51.12	49.80	2.30	ppb
Cadmium	106-1	-1.32	-1.67	-1.24	-1.41		ppb
Cadmium	111-1	1.53	1.57	1.57	1.56	1.65	ppb
Calcium	43-1	125.25	131.18	131.04	129.16	2.62	ppb
Calcium	44-1	327.03	331.65	334.20	330.96	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.47	0.41	0.44	0.44	6.03	ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	9.64	ppb
Copper	63-2	23.61	23.44	22.97	23.34	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	54-2	11.61	10.31	10.41	10.78	6.71	ppb
Iron	56-2	10.54	10.42	10.33	10.43	1.02	ppb
Iron	57-2	10.28	9.77	9.93	10.00	2.64	ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.57	0.58	0.57	2.11	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	3859LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 17:46:23	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.57	0.55	0.58	0.56	3.06	ppb
Lead	208-1	0.56	0.55	0.58	0.56	2.31	ppb
Lithium	6-1				115		%
Magnesium	24-2	62.40	63.00	63.02	62.81	0.56	ppb
Manganese	55-2	33.11	32.42	32.44	32.65	1.21	ppb
Molybdenum	94-1	5655.14	5837.24	5705.63	5732.67	1.64	ppb
Molybdenum	95-1	6954.23	7111.26	6878.39	6981.29	1.70	ppb
Molybdenum	96-1	6851.05	7017.45	6759.98	6876.16	1.90	ppb
Molybdenum	97-1	7018.96	7055.20	6987.44	7020.53	0.48	ppb
Molybdenum	98-1	7035.66	7144.30	7044.39	7074.78	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.28	0.25	0.26	7.18	ppb
Phosphorus	31-2	809.36	791.49	812.11	804.32	1.39	ppb
Potassium	39-2	186806.69	184724.92	183925.06	185152.22	0.80	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	5.15	5.61	5.05	5.27	5.67	ppb
Selenium	77-2	3.06	6.47	5.13	4.89	35.10	ppb
Selenium	78-2	4.47	5.13	4.05	4.55	12.03	ppb
Silicon	28-1	137.77	137.99	137.77	137.85	0.09	ppb
Silver	107-1	0.03	0.03	0.03	0.03	1.33	ppb
Silver	109-1	0.03	0.03	0.03	0.03	2.35	ppb
Sodium	23-2	58611.53	58467.37	58395.61	58491.50	0.19	ppb
Strontium	86-1	3.15	3.17	3.19	3.17	0.55	ppb
Strontium	88-1	3.16	3.21	3.18	3.18	0.73	ppb
Sulfur	34-1	-473.23	-469.54	-455.12	-465.96		ppb
Terbium	159-1				114		%
Terbium	159-2				112		%
Thallium	203-1	0.05	0.04	0.04	0.04	15.05	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	13.73	ppb
Tin	118-1	0.21	0.20	0.21	0.20	2.53	ppb
Titanium	47-1	0.73	0.76	0.80	0.76	4.72	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	3859LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 17:46:23	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.39	0.40	0.39	0.39	0.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	42.06	42.05	41.64	41.92	0.58	ppb
Zirconium	90-1	0.20	0.24	0.24	0.23	10.32	ppb
Zirconium	91-1	0.20	0.24	0.24	0.23	9.34	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	3859MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:49:39	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2594.07	2690.21	2592.43	2625.57	2.13	ppb
Antimony	121-1	132.19	131.14	142.04	135.12	4.45	ppb
Arsenic	75-2	69.54	73.65	74.37	72.52	3.59	ppb
Barium	135-1	474.34	457.58	495.61	475.84	4.01	ppb
Barium	137-1	469.17	454.85	491.79	471.94	3.95	ppb
Beryllium	9-1	117.38	114.25	118.00	116.54	1.72	ppb
Bismuth	209-1				119		%
Bismuth	209-2				116		%
Bromine	81-1						cps
Cadmium	108-1	352.24	345.58	370.73	356.19	3.66	ppb
Cadmium	106-1	104.00	100.12	108.39	104.17	3.97	ppb
Cadmium	111-1	106.17	104.36	112.30	107.61	3.87	ppb
Calcium	43-1	10877.62	10408.88	11422.53	10903.01	4.65	ppb
Calcium	44-1	11741.21	11358.26	12197.90	11765.79	3.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.59	97.14	94.51	95.75	1.38	ppb
Cobalt	59-2	106.07	107.61	103.43	105.70	2.00	ppb
Copper	63-2	1205.33	1216.81	1195.64	1205.93	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				127		%
Indium	115-1				118		%
Indium	115-2				125		%
Iron	54-2	5260.86	5241.96	5189.80	5230.87	0.70	ppb
Iron	56-2	5015.27	5139.14	5013.11	5055.84	1.43	ppb
Iron	57-2	4591.37	4675.05	4591.80	4619.40	1.04	ppb
Krypton	83-1						cps
Lead	206-1	485.90	469.71	492.38	482.66	2.42	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	3859MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:49:39	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	483.06	475.31	494.80	484.39	2.03	ppb
Lead	208-1	486.84	474.89	496.41	486.05	2.22	ppb
Lithium	6-1				129		%
Magnesium	24-2	11452.19	11610.10	11412.61	11491.63	0.91	ppb
Manganese	55-2	1320.02	1349.51	1330.43	1333.32	1.12	ppb
Molybdenum	94-1	29265.86	28738.02	30237.26	29413.71	2.59	ppb
Molybdenum	95-1	35812.81	35454.79	37626.81	36298.13	3.21	ppb
Molybdenum	96-1	34341.29	33944.89	36335.46	34873.88	3.67	ppb
Molybdenum	97-1	36244.62	35086.38	37529.83	36286.94	3.37	ppb
Molybdenum	98-1	36264.95	34263.40	37100.66	35876.34	4.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.88	100.61	98.14	99.21	1.28	ppb
Phosphorus	31-2	7895.57	8247.49	7972.29	8038.45	2.30	ppb
Potassium	39-2	924709.18	940310.55	921708.55	928909.43	1.08	ppb
Rhodium	103-1				119		%
Rhodium	103-2				120		%
Scandium	45-1				125		%
Scandium	45-2				125		%
Selenium	82-1	385.65	378.89	411.67	392.07	4.41	ppb
Selenium	77-2	408.81	392.93	403.60	401.78	2.01	ppb
Selenium	78-2	413.71	407.83	420.90	414.15	1.58	ppb
Silicon	28-1	614.30	599.17	637.91	617.13	3.16	ppb
Silver	107-1	15.20	14.91	15.98	15.37	3.60	ppb
Silver	109-1	15.12	15.05	16.10	15.42	3.80	ppb
Sodium	23-2	302730.52	308662.10	298304.75	303232.46	1.71	ppb
Strontium	86-1	140.61	136.17	143.04	139.94	2.49	ppb
Strontium	88-1	137.32	131.26	140.43	136.34	3.42	ppb
Sulfur	34-1	3348.20	3082.07	3561.97	3330.75	7.22	ppb
Terbium	159-1				124		%
Terbium	159-2				125		%
Thallium	203-1	93.92	93.67	97.94	95.18	2.52	ppb
Thallium	205-1	94.24	91.45	96.23	93.97	2.56	ppb
Tin	118-1	92.17	90.50	97.29	93.32	3.79	ppb
Titanium	47-1	5.66	5.52	5.82	5.67	2.68	ppb
Uranium	238-1	95.63	91.85	97.77	95.09	3.15	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	3859MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:49:39	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	100.62	103.05	99.72	101.13	1.70	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	1890.44	1923.12	1853.71	1889.09	1.84	ppb
Zirconium	90-1	101.38	99.56	105.05	102.00	2.74	ppb
Zirconium	91-1	101.92	99.95	104.60	102.16	2.28	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	3859MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:52:38	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2589.83	2606.02	2659.81	2618.55	1.40	ppb
Antimony	121-1	133.13	133.58	128.47	131.73	2.15	ppb
Arsenic	75-2	73.65	75.89	79.72	76.42	4.02	ppb
Barium	135-1	487.55	492.99	469.58	483.37	2.53	ppb
Barium	137-1	478.16	491.99	467.84	479.33	2.53	ppb
Beryllium	9-1	121.66	127.78	123.60	124.35	2.51	ppb
Bismuth	209-1				122		%
Bismuth	209-2				117		%
Bromine	81-1						cps
Cadmium	108-1	369.19	377.43	352.76	366.46	3.43	ppb
Cadmium	106-1	107.55	108.40	105.08	107.01	1.61	ppb
Cadmium	111-1	111.22	114.28	107.59	111.03	3.02	ppb
Calcium	43-1	11211.25	11034.17	10842.58	11029.33	1.67	ppb
Calcium	44-1	12217.55	12206.73	11699.24	12041.17	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.24	94.86	97.34	95.81	1.39	ppb
Cobalt	59-2	106.09	105.41	110.08	107.19	2.36	ppb
Copper	63-2	1192.92	1189.91	1238.26	1207.03	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				130		%
Holmium	165-2				127		%
Indium	115-1				125		%
Indium	115-2				126		%
Iron	54-2	5182.45	5299.92	5294.38	5258.92	1.26	ppb
Iron	56-2	5072.58	5035.37	5190.29	5099.41	1.59	ppb
Iron	57-2	4586.05	4518.33	4683.21	4595.86	1.80	ppb
Krypton	83-1						cps
Lead	206-1	505.20	505.06	476.46	495.58	3.34	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	3859MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:52:38	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	515.53	513.56	484.89	504.66	3.40	ppb
Lead	208-1	510.10	508.99	486.01	501.70	2.71	ppb
Lithium	6-1				135		%
Magnesium	24-2	11501.81	11664.78	12044.10	11736.90	2.37	ppb
Manganese	55-2	1348.99	1344.80	1365.34	1353.04	0.80	ppb
Molybdenum	94-1	30202.41	29507.83	28982.97	29564.40	2.07	ppb
Molybdenum	95-1	36336.30	36286.36	35740.13	36120.93	0.92	ppb
Molybdenum	96-1	36190.29	35621.91	34562.92	35458.37	2.33	ppb
Molybdenum	97-1	36147.34	36142.52	35572.65	35954.17	0.92	ppb
Molybdenum	98-1	37256.27	36540.41	35934.04	36576.90	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.19	97.33	101.14	98.89	2.02	ppb
Phosphorus	31-2	8178.20	7814.96	8371.36	8121.51	3.48	ppb
Potassium	39-2	937647.64	940833.37	971983.68	950154.90	2.00	ppb
Rhodium	103-1				124		%
Rhodium	103-2				123		%
Scandium	45-1				133		%
Scandium	45-2				128		%
Selenium	82-1	405.10	397.29	395.00	399.13	1.33	ppb
Selenium	77-2	427.27	404.79	410.08	414.04	2.84	ppb
Selenium	78-2	407.20	406.19	413.54	408.98	0.98	ppb
Silicon	28-1	640.79	645.26	625.58	637.21	1.62	ppb
Silver	107-1	15.85	16.30	15.35	15.83	2.99	ppb
Silver	109-1	15.76	16.16	15.34	15.75	2.59	ppb
Sodium	23-2	309020.80	305294.30	313201.28	309172.13	1.28	ppb
Strontium	86-1	139.34	139.25	135.03	137.87	1.79	ppb
Strontium	88-1	139.94	140.78	134.55	138.42	2.44	ppb
Sulfur	34-1	3526.02	3394.01	3266.20	3395.41	3.83	ppb
Terbium	159-1				129		%
Terbium	159-2				128		%
Thallium	203-1	100.51	100.40	92.82	97.91	4.50	ppb
Thallium	205-1	98.35	97.65	92.36	96.12	3.40	ppb
Tin	118-1	96.80	95.96	94.58	95.78	1.17	ppb
Titanium	47-1	5.89	5.82	5.64	5.79	2.24	ppb
Uranium	238-1	99.83	99.59	94.31	97.91	3.19	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	3859MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:52:38	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	100.99	100.29	103.18	101.49	1.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				132		%
Yttrium	89-2				134		%
Zinc	66-2	1904.82	1862.30	1914.73	1893.95	1.47	ppb
Zirconium	90-1	104.05	101.32	99.16	101.51	2.41	ppb
Zirconium	91-1	105.72	102.50	102.31	103.51	1.85	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	3859ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:55:39	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2431.17	2449.77	2458.11	2446.35	0.56	ppb
Antimony	121-1	123.63	125.73	127.73	125.70	1.63	ppb
Arsenic	75-2	70.95	71.58	72.36	71.63	0.99	ppb
Barium	135-1	471.46	472.31	473.42	472.40	0.21	ppb
Barium	137-1	460.61	459.80	459.29	459.90	0.14	ppb
Beryllium	9-1	111.92	112.25	115.10	113.09	1.55	ppb
Bismuth	209-1				118		%
Bismuth	209-2				116		%
Bromine	81-1						cps
Cadmium	108-1	343.70	341.43	349.40	344.84	1.19	ppb
Cadmium	106-1	101.83	103.84	102.24	102.64	1.04	ppb
Cadmium	111-1	103.55	105.56	107.08	105.40	1.68	ppb
Calcium	43-1	10685.47	10606.66	10865.40	10719.18	1.24	ppb
Calcium	44-1	11697.96	11625.57	11604.21	11642.58	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88.13	90.52	91.58	90.08	1.96	ppb
Cobalt	59-2	100.70	101.77	101.04	101.17	0.54	ppb
Copper	63-2	1108.37	1134.21	1143.73	1128.77	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				129		%
Indium	115-1				122		%
Indium	115-2				126		%
Iron	54-2	4893.35	5051.92	5018.84	4988.04	1.68	ppb
Iron	56-2	4754.43	4917.57	4900.68	4857.56	1.85	ppb
Iron	57-2	4285.12	4352.67	4351.13	4329.64	0.89	ppb
Krypton	83-1						cps
Lead	206-1	474.05	467.88	475.47	472.47	0.85	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	3859ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:55:39	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	478.26	476.17	476.90	477.11	0.22	ppb
Lead	208-1	480.42	472.08	479.64	477.38	0.97	ppb
Lithium	6-1				133		%
Magnesium	24-2	11070.09	10996.25	11196.31	11087.55	0.91	ppb
Manganese	55-2	1266.55	1280.51	1270.94	1272.67	0.56	ppb
Molybdenum	94-1	28730.39	28105.21	29091.08	28642.23	1.74	ppb
Molybdenum	95-1	35128.43	34452.05	34803.34	34794.61	0.97	ppb
Molybdenum	96-1	34575.79	33717.22	34580.55	34291.19	1.45	ppb
Molybdenum	97-1	34999.99	34347.38	35205.11	34850.82	1.29	ppb
Molybdenum	98-1	35359.15	34611.25	35542.26	35170.89	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	91.76	92.88	93.64	92.76	1.02	ppb
Phosphorus	31-2	7242.01	7470.72	7456.32	7389.68	1.73	ppb
Potassium	39-2	889906.55	887830.52	910091.71	895942.92	1.37	ppb
Rhodium	103-1				120		%
Rhodium	103-2				124		%
Scandium	45-1				130		%
Scandium	45-2				130		%
Selenium	82-1	371.82	360.07	374.44	368.78	2.08	ppb
Selenium	77-2	368.44	384.55	385.54	379.51	2.53	ppb
Selenium	78-2	380.07	379.21	384.34	381.21	0.72	ppb
Silicon	28-1	606.80	603.27	621.04	610.37	1.54	ppb
Silver	107-1	14.78	15.15	15.43	15.12	2.16	ppb
Silver	109-1	14.75	15.13	15.17	15.02	1.54	ppb
Sodium	23-2	286606.56	288716.63	294621.27	289981.49	1.43	ppb
Strontium	86-1	134.82	134.43	134.25	134.50	0.22	ppb
Strontium	88-1	133.34	131.88	132.92	132.71	0.57	ppb
Sulfur	34-1	3418.01	3203.65	3322.77	3314.81	3.24	ppb
Terbium	159-1				125		%
Terbium	159-2				127		%
Thallium	203-1	92.65	92.44	93.66	92.91	0.70	ppb
Thallium	205-1	90.78	91.55	93.00	91.78	1.23	ppb
Tin	118-1	91.18	93.83	93.06	92.69	1.47	ppb
Titanium	47-1	5.59	5.35	5.34	5.43	2.63	ppb
Uranium	238-1	94.69	92.13	93.07	93.29	1.39	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	3859ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:55:39	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	94.02	95.32	96.20	95.18	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				128		%
Yttrium	89-2				134		%
Zinc	66-2	1720.86	1785.01	1785.83	1763.90	2.11	ppb
Zirconium	90-1	99.14	97.23	100.75	99.04	1.78	ppb
Zirconium	91-1	101.12	99.08	101.55	100.58	1.31	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:05:01	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53967.34	53483.38	53560.15	53670.29	0.48	ppb
Antimony	121-1	509.99	510.40	509.74	510.04	0.07	ppb
Arsenic	75-2	487.61	486.33	489.35	487.77	0.31	ppb
Barium	135-1	2590.83	2544.19	2568.36	2567.79	0.91	ppb
Barium	137-1	2547.90	2548.15	2555.57	2550.54	0.17	ppb
Beryllium	9-1	520.75	532.07	534.28	529.03	1.37	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	490.63	488.49	494.72	491.28	0.64	ppb
Cadmium	106-1	497.33	499.75	492.15	496.41	0.78	ppb
Cadmium	111-1	509.00	507.44	500.07	505.50	0.94	ppb
Calcium	43-1	251441.66	249393.33	250135.20	250323.40	0.41	ppb
Calcium	44-1	249390.97	248551.80	250883.89	249608.88	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.48	504.90	516.36	509.58	1.18	ppb
Cobalt	59-2	485.84	495.29	486.60	489.24	1.07	ppb
Copper	63-2	4708.15	4653.98	4698.66	4686.93	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	127200.44	129795.96	128035.55	128343.98	1.03	ppb
Iron	56-2	126660.71	128309.04	127656.10	127541.95	0.65	ppb
Iron	57-2	128181.09	128057.91	127063.62	127767.54	0.48	ppb
Krypton	83-1						cps
Lead	206-1	2494.50	2534.08	2574.24	2534.27	1.57	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:05:01	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2501.45	2527.27	2556.83	2528.51	1.10	ppb
Lead	208-1	2508.56	2526.68	2549.93	2528.39	0.82	ppb
Lithium	6-1				107		%
Magnesium	24-2	267024.53	269404.04	268419.41	268282.66	0.45	ppb
Manganese	55-2	5017.52	5073.10	5071.95	5054.19	0.63	ppb
Molybdenum	94-1	4846.56	4926.28	4962.61	4911.81	1.21	ppb
Molybdenum	95-1	4896.16	4908.15	4947.82	4917.38	0.55	ppb
Molybdenum	96-1	4826.20	4940.63	4934.71	4900.51	1.31	ppb
Molybdenum	97-1	4855.29	4957.47	4980.07	4930.94	1.35	ppb
Molybdenum	98-1	4908.26	4965.61	4947.39	4940.42	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.26	490.41	480.33	486.67	1.13	ppb
Phosphorus	31-2	10500.52	10519.02	10538.54	10519.36	0.18	ppb
Potassium	39-2	131294.81	132044.66	130633.59	131324.35	0.54	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	495.16	498.60	499.56	497.77	0.46	ppb
Selenium	77-2	494.42	501.49	523.91	506.61	3.04	ppb
Selenium	78-2	504.16	499.65	508.90	504.24	0.92	ppb
Silicon	28-1	521.52	533.08	523.91	526.17	1.16	ppb
Silver	107-1	502.15	496.75	500.14	499.68	0.55	ppb
Silver	109-1	498.07	488.77	493.28	493.38	0.94	ppb
Sodium	23-2	263579.04	266869.88	264127.88	264858.94	0.67	ppb
Strontium	86-1	497.91	500.21	499.73	499.28	0.24	ppb
Strontium	88-1	493.44	498.18	495.57	495.73	0.48	ppb
Sulfur	34-1	9894.68	9933.58	9846.70	9891.65	0.44	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	504.66	505.53	516.32	508.84	1.28	ppb
Thallium	205-1	501.86	507.29	516.53	508.56	1.46	ppb
Tin	118-1	508.93	514.74	515.81	513.16	0.72	ppb
Titanium	47-1	4879.27	4983.05	4914.24	4925.52	1.07	ppb
Uranium	238-1	506.28	513.68	509.48	509.81	0.73	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:05:01	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	515.34	522.84	520.07	519.42	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	4832.17	4877.76	4883.33	4864.42	0.58	ppb
Zirconium	90-1	498.57	496.09	499.36	498.01	0.34	ppb
Zirconium	91-1	502.04	497.77	500.81	500.21	0.44	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:07:44	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.68	3.13	4.79	4.20	22.14	ppb
Antimony	121-1	0.14	0.12	0.11	0.12	12.54	ppb
Arsenic	75-2	0.15	0.20	0.18	0.18	16.23	ppb
Barium	135-1	0.10	0.08	0.06	0.08	22.03	ppb
Barium	137-1	0.10	0.08	0.06	0.08	23.70	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	4.43	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.06	0.02	0.05	49.18	ppb
Cadmium	106-1	-0.71	-0.68	-1.00	-0.79		ppb
Cadmium	111-1	-0.02	-0.04	-0.06	-0.04		ppb
Calcium	43-1	6.40	5.60	4.83	5.61	13.96	ppb
Calcium	44-1	18.54	16.02	14.42	16.33	12.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	0.01	0.01	148.04	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	112.08	ppb
Copper	63-2	0.28	0.27	0.29	0.28	3.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				113		%
Iron	54-2	2.66	2.84	3.12	2.87	7.96	ppb
Iron	56-2	3.31	2.66	2.70	2.89	12.58	ppb
Iron	57-2	3.47	2.20	2.50	2.73	24.28	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.14	0.12	0.14	16.78	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:07:44	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.17	0.13	0.12	0.14	20.39	ppb
Lead	208-1	0.17	0.13	0.12	0.14	19.17	ppb
Lithium	6-1				118		%
Magnesium	24-2	5.84	4.69	4.68	5.07	13.12	ppb
Manganese	55-2	0.10	0.07	0.12	0.10	27.32	ppb
Molybdenum	94-1	0.42	0.36	0.29	0.36	17.20	ppb
Molybdenum	95-1	0.40	0.31	0.28	0.33	17.85	ppb
Molybdenum	96-1	0.38	0.30	0.27	0.32	17.08	ppb
Molybdenum	97-1	0.38	0.31	0.26	0.32	20.34	ppb
Molybdenum	98-1	0.36	0.29	0.26	0.31	16.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.02	21.42	ppb
Phosphorus	31-2	-23.67	-23.46	-18.61	-21.91		ppb
Potassium	39-2	155.60	152.28	152.25	153.38	1.26	ppb
Rhodium	103-1				112		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	0.64	0.61	0.57	0.61	6.20	ppb
Selenium	77-2	0.66	0.25	0.26	0.39	60.37	ppb
Selenium	78-2	-0.31	-0.07	-0.06	-0.15		ppb
Silicon	28-1	3.85	3.73	3.88	3.82	2.08	ppb
Silver	107-1	0.09	0.08	0.10	0.09	6.85	ppb
Silver	109-1	0.09	0.09	0.10	0.09	5.21	ppb
Sodium	23-2	44.44	43.60	42.55	43.53	2.18	ppb
Strontium	86-1	0.02	0.01	0.00	0.01	92.84	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	26.66	ppb
Sulfur	34-1	-962.61	-933.41	-799.67	-898.56		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.03	0.03	0.02	0.03	20.87	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	19.02	ppb
Tin	118-1	0.05	0.03	0.04	0.04	28.60	ppb
Titanium	47-1	0.24	0.16	0.15	0.18	28.38	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	38.72	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:07:44	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	53.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	0.23	0.30	0.21	0.25	19.63	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	18.15	ppb
Zirconium	91-1	0.05	0.03	0.04	0.04	19.71	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	3859DL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:11:02	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	136.71	132.20	134.41	134.44	1.68	ppb
Antimony	121-1	0.18	0.19	0.19	0.18	2.79	ppb
Arsenic	75-2	4.34	4.42	4.43	4.40	1.11	ppb
Barium	135-1	4.13	4.30	4.34	4.26	2.61	ppb
Barium	137-1	4.24	4.30	4.37	4.30	1.47	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	33.73	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	55.52	55.08	55.22	55.27	0.41	ppb
Cadmium	106-1	-0.10	-0.03	-0.24	-0.13		ppb
Cadmium	111-1	1.92	1.98	1.92	1.94	1.71	ppb
Calcium	43-1	128.62	121.83	128.85	126.43	3.15	ppb
Calcium	44-1	346.86	357.87	365.72	356.82	2.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.43	0.44	0.47	0.44	4.53	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	6.45	ppb
Copper	63-2	23.74	23.35	23.80	23.63	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	54-2	11.38	11.34	11.65	11.46	1.46	ppb
Iron	56-2	10.77	10.63	10.77	10.72	0.77	ppb
Iron	57-2	11.12	11.49	12.09	11.57	4.23	ppb
Krypton	83-1						cps
Lead	206-1	0.58	0.56	0.58	0.58	1.93	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	3859DL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:11:02	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.58	0.57	0.56	0.57	2.04	ppb
Lead	208-1	0.58	0.57	0.57	0.57	1.13	ppb
Lithium	6-1				118		%
Magnesium	24-2	64.73	64.08	63.61	64.14	0.88	ppb
Manganese	55-2	33.19	33.02	33.64	33.28	0.97	ppb
Molybdenum	94-1	5864.81	5782.62	5794.89	5814.11	0.76	ppb
Molybdenum	95-1	7173.48	7100.27	7079.75	7117.83	0.69	ppb
Molybdenum	96-1	6948.62	6970.14	7042.27	6987.01	0.70	ppb
Molybdenum	97-1	7046.96	7056.44	7114.72	7072.70	0.52	ppb
Molybdenum	98-1	7154.72	7047.12	7080.06	7093.96	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.24	0.24	0.24	1.63	ppb
Phosphorus	31-2	804.64	801.12	850.98	818.91	3.40	ppb
Potassium	39-2	189286.70	187826.01	190841.23	189317.98	0.80	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	82-1	6.67	6.47	6.82	6.65	2.67	ppb
Selenium	77-2	7.79	6.69	4.24	6.24	29.11	ppb
Selenium	78-2	6.05	5.31	6.45	5.94	9.77	ppb
Silicon	28-1	137.26	138.58	140.39	138.75	1.13	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.19	ppb
Silver	109-1	0.04	0.03	0.03	0.04	3.89	ppb
Sodium	23-2	61310.63	59912.02	61489.67	60904.11	1.42	ppb
Strontium	86-1	3.25	3.16	3.11	3.18	2.17	ppb
Strontium	88-1	3.17	3.21	3.16	3.18	0.82	ppb
Sulfur	34-1	258.88	169.30	80.41	169.53	52.64	ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	0.04	0.04	0.04	0.04	9.81	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	8.58	ppb
Tin	118-1	0.20	0.21	0.24	0.22	8.22	ppb
Titanium	47-1	0.88	0.82	0.83	0.84	3.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	3859DL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:11:02	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.36	0.41	0.39	0.39	5.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				114		%
Zinc	66-2	42.63	41.91	42.29	42.27	0.85	ppb
Zirconium	90-1	0.19	0.22	0.22	0.21	8.15	ppb
Zirconium	91-1	0.20	0.23	0.24	0.22	8.81	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:14:17	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	133.88	126.10	130.39	130.12	2.99	ppb
Antimony	121-1	0.16	0.16	0.17	0.16	1.01	ppb
Arsenic	75-2	4.36	4.56	4.30	4.41	3.10	ppb
Barium	135-1	4.13	4.20	4.31	4.21	2.12	ppb
Barium	137-1	4.24	4.29	4.27	4.27	0.66	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	53.14	53.19	53.50	53.28	0.37	ppb
Cadmium	106-1	-0.53	-0.75	-0.98	-0.76		ppb
Cadmium	111-1	1.82	1.79	1.81	1.81	1.11	ppb
Calcium	43-1	124.53	130.60	127.00	127.37	2.40	ppb
Calcium	44-1	334.56	346.60	353.96	345.04	2.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.38	0.45	0.41	8.46	ppb
Cobalt	59-2	0.04	0.03	0.04	0.04	6.99	ppb
Copper	63-2	24.07	23.38	23.02	23.49	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	54-2	10.69	11.05	10.64	10.79	2.06	ppb
Iron	56-2	10.61	10.08	10.02	10.24	3.16	ppb
Iron	57-2	9.97	9.15	9.75	9.62	4.42	ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.54	0.51	0.53	3.25	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:14:17	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.52	0.53	0.51	0.52	1.71	ppb
Lead	208-1	0.52	0.53	0.52	0.52	1.26	ppb
Lithium	6-1				117		%
Magnesium	24-2	65.89	63.01	62.18	63.69	3.05	ppb
Manganese	55-2	37.65	35.63	35.64	36.31	3.20	ppb
Molybdenum	94-1	5693.62	5814.94	5691.38	5733.31	1.23	ppb
Molybdenum	95-1	6958.71	7113.77	6941.88	7004.79	1.35	ppb
Molybdenum	96-1	6834.79	6923.11	6814.17	6857.36	0.84	ppb
Molybdenum	97-1	7008.33	7033.02	6953.36	6998.24	0.58	ppb
Molybdenum	98-1	6971.01	7008.90	7014.01	6997.97	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.21	0.28	0.26	16.74	ppb
Phosphorus	31-2	811.80	798.90	813.04	807.91	0.97	ppb
Potassium	39-2	193904.18	185346.80	186375.47	188542.15	2.48	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	82-1	5.35	5.86	5.33	5.51	5.46	ppb
Selenium	77-2	4.83	7.08	3.50	5.14	35.26	ppb
Selenium	78-2	3.55	4.11	5.73	4.46	25.43	ppb
Silicon	28-1	132.03	135.11	137.45	134.86	2.02	ppb
Silver	107-1	0.02	0.02	0.02	0.02	7.76	ppb
Silver	109-1	0.03	0.03	0.03	0.03	2.87	ppb
Sodium	23-2	62145.52	59792.72	59522.51	60486.92	2.39	ppb
Strontium	86-1	3.23	3.17	3.17	3.19	1.18	ppb
Strontium	88-1	3.11	3.17	3.22	3.17	1.60	ppb
Sulfur	34-1	-10.04	-66.55	-81.14	-52.58		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.03	0.03	0.03	5.61	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.10	ppb
Tin	118-1	0.21	0.23	0.21	0.21	4.45	ppb
Titanium	47-1	0.78	0.79	0.82	0.80	2.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:14:17	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.42	0.36	0.41	0.40	7.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	43.46	41.60	41.31	42.13	2.77	ppb
Zirconium	90-1	0.15	0.16	0.16	0.16	2.01	ppb
Zirconium	91-1	0.16	0.17	0.16	0.17	3.54	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02LDL2X125	Instrumnet Name :	P8
Client Sample ID :	3859LDL2	Dilution Factor :	125
Date & Time Acquired :	2025-05-19 18:17:30	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.97	23.31	26.10	25.13	6.26	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	3.77	ppb
Arsenic	75-2	0.80	0.78	0.81	0.79	1.93	ppb
Barium	135-1	0.84	0.82	0.86	0.84	2.45	ppb
Barium	137-1	0.84	0.84	0.85	0.84	0.35	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	10.24	10.31	10.44	10.33	0.99	ppb
Cadmium	106-1	-1.53	-1.88	-0.99	-1.47		ppb
Cadmium	111-1	0.25	0.21	0.30	0.26	18.43	ppb
Calcium	43-1	25.07	26.88	25.61	25.85	3.59	ppb
Calcium	44-1	73.47	76.77	75.16	75.14	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.07	0.11	0.09	21.46	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	4.77	4.67	4.71	4.72	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				112		%
Iron	54-2	2.76	2.18	1.93	2.29	18.76	ppb
Iron	56-2	1.99	1.81	1.93	1.91	4.86	ppb
Iron	57-2	1.88	1.89	1.89	1.89	0.42	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.12	0.12	4.08	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02LDL2X125	Instrumnet Name :	P8
Client Sample ID :	3859LDL2	Dilution Factor :	125
Date & Time Acquired :	2025-05-19 18:17:30	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.11	0.12	0.11	0.12	5.01	ppb
Lead	208-1	0.12	0.11	0.11	0.11	2.34	ppb
Lithium	6-1				115		%
Magnesium	24-2	11.83	12.32	11.77	11.97	2.52	ppb
Manganese	55-2	6.58	6.39	6.59	6.52	1.78	ppb
Molybdenum	94-1	1127.87	1119.55	1132.16	1126.53	0.57	ppb
Molybdenum	95-1	1378.67	1399.11	1377.86	1385.21	0.87	ppb
Molybdenum	96-1	1354.11	1389.45	1348.44	1364.00	1.63	ppb
Molybdenum	97-1	1373.93	1402.02	1376.23	1384.06	1.13	ppb
Molybdenum	98-1	1383.95	1380.76	1396.35	1387.02	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.00	0.02	95.11	ppb
Phosphorus	31-2	124.01	108.27	122.50	118.26	7.35	ppb
Potassium	39-2	37266.40	37302.67	38127.92	37565.67	1.30	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	82-1	0.99	1.21	1.02	1.07	11.20	ppb
Selenium	77-2	3.10	-0.15	1.88	1.61	102.16	ppb
Selenium	78-2	1.51	0.56	1.02	1.03	45.82	ppb
Silicon	28-1	27.59	28.65	28.05	28.10	1.90	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.00	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.70	ppb
Sodium	23-2	11861.69	11715.14	12101.96	11892.93	1.64	ppb
Strontium	86-1	0.64	0.63	0.63	0.63	1.30	ppb
Strontium	88-1	0.63	0.62	0.62	0.62	0.49	ppb
Sulfur	34-1	-1052.88	-1015.63	-1027.59	-1032.04		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.00	0.00	0.00	13.22	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	4.22	ppb
Tin	118-1	0.03	0.03	0.03	0.03	3.66	ppb
Titanium	47-1	0.16	0.14	0.15	0.15	7.23	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02LDL2X125	Instrumnet Name :	P8
Client Sample ID :	3859LDL2	Dilution Factor :	125
Date & Time Acquired :	2025-05-19 18:17:30	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.08	0.07	0.07	0.07	8.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	8.15	7.91	8.21	8.09	1.95	ppb
Zirconium	90-1	0.06	0.08	0.08	0.07	12.18	ppb
Zirconium	91-1	0.07	0.08	0.09	0.08	12.10	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859MSDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:20:45	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	489.47	480.47	487.40	485.78	0.97	ppb
Antimony	121-1	19.03	18.32	19.84	19.06	4.00	ppb
Arsenic	75-2	3.98	3.79	4.21	3.99	5.32	ppb
Barium	135-1	80.24	77.79	83.46	80.50	3.54	ppb
Barium	137-1	80.74	77.36	84.00	80.70	4.12	ppb
Beryllium	9-1	19.03	18.69	19.21	18.98	1.37	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	65.61	62.97	66.71	65.10	2.95	ppb
Cadmium	106-1	16.57	16.28	18.52	17.12	7.11	ppb
Cadmium	111-1	18.99	18.15	19.51	18.89	3.62	ppb
Calcium	43-1	1875.38	1831.62	1897.20	1868.07	1.79	ppb
Calcium	44-1	2263.63	2229.85	2332.23	2275.24	2.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.87	17.83	17.49	17.73	1.18	ppb
Cobalt	59-2	18.51	18.46	18.26	18.41	0.73	ppb
Copper	63-2	230.11	232.17	228.00	230.10	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	869.13	873.92	873.88	872.31	0.32	ppb
Iron	56-2	938.70	932.91	923.37	931.66	0.83	ppb
Iron	57-2	851.37	857.15	857.23	855.25	0.39	ppb
Krypton	83-1						cps
Lead	206-1	95.02	90.68	98.04	94.58	3.91	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859MSDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:20:45	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	94.74	90.06	98.69	94.49	4.57	ppb
Lead	208-1	94.57	91.65	98.60	94.94	3.68	ppb
Lithium	6-1				115		%
Magnesium	24-2	2010.81	2000.04	1994.69	2001.85	0.41	ppb
Manganese	55-2	220.74	220.51	219.65	220.30	0.26	ppb
Molybdenum	94-1	5267.54	5193.97	5475.31	5312.27	2.75	ppb
Molybdenum	95-1	6478.47	6239.58	6656.41	6458.16	3.24	ppb
Molybdenum	96-1	6361.26	6115.98	6439.15	6305.46	2.67	ppb
Molybdenum	97-1	6471.56	6294.56	6505.36	6423.83	1.76	ppb
Molybdenum	98-1	6398.96	6308.43	6586.86	6431.42	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.84	19.09	18.62	18.85	1.24	ppb
Phosphorus	31-2	747.94	768.65	800.01	772.20	3.39	ppb
Potassium	39-2	172987.23	171405.91	170617.99	171670.38	0.70	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	82-1	36.98	37.53	39.91	38.14	4.09	ppb
Selenium	77-2	40.17	41.01	40.94	40.71	1.15	ppb
Selenium	78-2	43.48	42.70	40.27	42.15	3.98	ppb
Silicon	28-1	119.33	117.14	123.47	119.98	2.68	ppb
Silver	107-1	2.84	2.73	3.01	2.86	4.93	ppb
Silver	109-1	2.86	2.77	2.96	2.86	3.19	ppb
Sodium	23-2	57195.17	57437.58	56067.83	56900.19	1.28	ppb
Strontium	86-1	23.10	22.38	23.73	23.07	2.94	ppb
Strontium	88-1	25.83	24.57	25.98	25.46	3.05	ppb
Sulfur	34-1	-32.61	-240.79	-74.11	-115.84		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	16.17	15.87	16.38	16.14	1.58	ppb
Thallium	205-1	16.30	15.72	16.78	16.26	3.27	ppb
Tin	118-1	15.44	15.03	15.92	15.46	2.90	ppb
Titanium	47-1	0.75	0.80	0.85	0.80	5.73	ppb
Uranium	238-1	15.91	15.59	16.37	15.96	2.43	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859MSDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:20:45	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	18.75	18.81	18.64	18.74	0.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	281.28	280.84	276.65	279.59	0.91	ppb
Zirconium	90-1	16.72	16.33	17.40	16.82	3.24	ppb
Zirconium	91-1	16.75	16.48	17.29	16.84	2.46	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:23:50	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.90	487.16	500.63	493.90	1.36	ppb
Antimony	121-1	19.34	19.60	19.59	19.51	0.74	ppb
Arsenic	75-2	4.39	4.17	4.10	4.22	3.51	ppb
Barium	135-1	85.24	86.94	87.73	86.64	1.47	ppb
Barium	137-1	85.80	86.75	87.46	86.67	0.96	ppb
Beryllium	9-1	20.42	20.29	20.31	20.34	0.33	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	69.81	69.30	70.50	69.87	0.87	ppb
Cadmium	106-1	18.68	20.19	19.21	19.36	3.95	ppb
Cadmium	111-1	20.09	20.67	20.83	20.53	1.89	ppb
Calcium	43-1	2024.09	2021.43	2021.85	2022.46	0.07	ppb
Calcium	44-1	2469.75	2420.82	2426.90	2439.15	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.93	18.67	18.80	18.80	0.69	ppb
Cobalt	59-2	19.29	19.28	19.53	19.37	0.71	ppb
Copper	63-2	244.57	240.05	246.05	243.55	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	54-2	914.24	925.95	916.24	918.81	0.68	ppb
Iron	56-2	976.77	986.22	980.16	981.05	0.49	ppb
Iron	57-2	896.07	894.06	897.95	896.03	0.22	ppb
Krypton	83-1						cps
Lead	206-1	101.57	101.76	102.72	102.02	0.61	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:23:50	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	103.12	104.96	105.09	104.39	1.06	ppb
Lead	208-1	102.25	103.19	103.79	103.08	0.75	ppb
Lithium	6-1				117		%
Magnesium	24-2	2097.24	2093.62	2109.82	2100.23	0.40	ppb
Manganese	55-2	230.63	231.32	229.91	230.62	0.31	ppb
Molybdenum	94-1	5559.12	5637.66	5699.48	5632.08	1.25	ppb
Molybdenum	95-1	6711.13	6889.12	6898.41	6832.89	1.54	ppb
Molybdenum	96-1	6649.06	6796.23	6744.87	6730.06	1.11	ppb
Molybdenum	97-1	6785.83	6883.20	6928.72	6865.91	1.06	ppb
Molybdenum	98-1	6812.13	6921.22	6917.21	6883.52	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.92	19.91	19.81	19.88	0.32	ppb
Phosphorus	31-2	804.07	809.63	809.18	807.63	0.38	ppb
Potassium	39-2	184137.68	181217.49	181379.55	182244.91	0.90	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	82-1	39.93	42.21	42.54	41.56	3.42	ppb
Selenium	77-2	41.43	46.13	35.05	40.87	13.60	ppb
Selenium	78-2	39.51	40.22	44.98	41.57	7.15	ppb
Silicon	28-1	128.15	129.56	130.68	129.46	0.98	ppb
Silver	107-1	3.08	3.11	3.15	3.11	1.08	ppb
Silver	109-1	2.98	3.11	3.12	3.07	2.57	ppb
Sodium	23-2	59741.96	59282.76	59557.09	59527.27	0.39	ppb
Strontium	86-1	24.06	24.51	24.18	24.25	0.98	ppb
Strontium	88-1	27.46	27.49	27.24	27.40	0.50	ppb
Sulfur	34-1	-19.95	-37.76	-89.74	-49.15		ppb
Terbium	159-1				115		%
Terbium	159-2				113		%
Thallium	203-1	17.44	17.69	17.69	17.61	0.81	ppb
Thallium	205-1	17.49	17.76	17.92	17.72	1.24	ppb
Tin	118-1	16.54	16.78	16.89	16.73	1.08	ppb
Titanium	47-1	0.87	0.82	0.91	0.87	5.22	ppb
Uranium	238-1	18.88	19.41	19.43	19.24	1.64	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:23:50	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.02	19.73	20.11	19.95	1.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	292.83	293.13	295.27	293.74	0.45	ppb
Zirconium	90-1	17.73	17.91	17.79	17.81	0.53	ppb
Zirconium	91-1	17.68	17.79	17.84	17.77	0.46	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02ADL2X25	Instrumnet Name :	P8
Client Sample ID :	3859ADL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:26:57	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	489.09	481.78	487.26	486.04	0.78	ppb
Antimony	121-1	19.19	19.45	19.55	19.40	0.97	ppb
Arsenic	75-2	4.13	4.42	4.26	4.27	3.34	ppb
Barium	135-1	84.46	85.64	87.22	85.77	1.62	ppb
Barium	137-1	85.47	86.58	86.31	86.12	0.67	ppb
Beryllium	9-1	19.96	20.10	19.79	19.95	0.78	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	69.00	69.53	68.18	68.90	0.99	ppb
Cadmium	106-1	18.05	19.57	18.72	18.78	4.08	ppb
Cadmium	111-1	19.68	20.43	20.65	20.25	2.50	ppb
Calcium	43-1	1953.03	1980.11	2019.89	1984.34	1.69	ppb
Calcium	44-1	2357.60	2405.27	2499.56	2420.81	2.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.40	18.48	18.78	18.55	1.09	ppb
Cobalt	59-2	19.18	19.24	19.40	19.27	0.59	ppb
Copper	63-2	237.87	241.55	240.17	239.86	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				113		%
Indium	115-1				112		%
Indium	115-2				111		%
Iron	54-2	892.90	902.82	912.37	902.70	1.08	ppb
Iron	56-2	970.56	968.17	973.45	970.73	0.27	ppb
Iron	57-2	885.27	884.45	880.86	883.53	0.27	ppb
Krypton	83-1						cps
Lead	206-1	100.21	102.31	101.72	101.42	1.07	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02ADL2X25	Instrumnet Name :	P8
Client Sample ID :	3859ADL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:26:57	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	100.96	103.57	100.24	101.59	1.73	ppb
Lead	208-1	100.15	102.16	100.53	100.95	1.06	ppb
Lithium	6-1				118		%
Magnesium	24-2	2075.67	2082.81	2094.77	2084.42	0.46	ppb
Manganese	55-2	227.18	227.79	231.43	228.80	1.00	ppb
Molybdenum	94-1	5541.69	5528.00	5665.26	5578.32	1.36	ppb
Molybdenum	95-1	6686.39	6650.68	6891.98	6743.02	1.93	ppb
Molybdenum	96-1	6567.95	6599.83	6745.78	6637.85	1.43	ppb
Molybdenum	97-1	6738.01	6754.17	6880.41	6790.86	1.15	ppb
Molybdenum	98-1	6745.18	6670.88	6911.23	6775.76	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.48	19.84	19.60	19.64	0.94	ppb
Phosphorus	31-2	782.87	787.76	810.49	793.71	1.86	ppb
Potassium	39-2	178296.91	179678.34	182761.30	180245.52	1.27	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	82-1	39.54	41.02	42.12	40.89	3.17	ppb
Selenium	77-2	40.84	38.47	47.95	42.42	11.63	ppb
Selenium	78-2	42.56	37.57	39.77	39.96	6.26	ppb
Silicon	28-1	123.98	127.89	130.62	127.50	2.61	ppb
Silver	107-1	3.00	3.06	3.10	3.05	1.56	ppb
Silver	109-1	2.99	3.03	3.09	3.04	1.59	ppb
Sodium	23-2	58826.29	58674.88	59796.35	59099.17	1.03	ppb
Strontium	86-1	23.89	24.14	24.59	24.21	1.47	ppb
Strontium	88-1	26.33	27.18	27.46	26.99	2.18	ppb
Sulfur	34-1	-111.73	-118.72	-71.62	-100.69		ppb
Terbium	159-1				116		%
Terbium	159-2				111		%
Thallium	203-1	17.34	17.51	17.32	17.39	0.59	ppb
Thallium	205-1	17.32	17.77	17.40	17.50	1.38	ppb
Tin	118-1	16.19	16.50	16.67	16.45	1.48	ppb
Titanium	47-1	0.87	0.91	0.88	0.89	1.87	ppb
Uranium	238-1	19.07	19.34	18.94	19.11	1.07	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02ADL2X25	Instrumnet Name :	P8
Client Sample ID :	3859ADL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:26:57	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.71	19.86	19.66	19.74	0.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	287.09	289.66	292.15	289.63	0.87	ppb
Zirconium	90-1	17.44	17.88	18.14	17.82	1.97	ppb
Zirconium	91-1	17.42	17.66	18.03	17.71	1.74	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:30:15	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52349.57	53009.75	52863.45	52740.92	0.66	ppb
Antimony	121-1	515.73	512.61	514.09	514.14	0.30	ppb
Arsenic	75-2	484.13	477.57	481.06	480.92	0.68	ppb
Barium	135-1	2616.55	2570.36	2556.26	2581.06	1.22	ppb
Barium	137-1	2595.41	2532.30	2551.70	2559.80	1.26	ppb
Beryllium	9-1	542.44	530.04	529.14	533.87	1.39	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	495.52	493.92	489.80	493.08	0.60	ppb
Cadmium	106-1	502.36	492.30	497.60	497.42	1.01	ppb
Cadmium	111-1	516.46	503.51	504.84	508.27	1.40	ppb
Calcium	43-1	255208.29	248821.20	249841.44	251290.31	1.37	ppb
Calcium	44-1	258983.46	250406.50	249596.52	252995.50	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.79	512.29	508.02	508.70	0.65	ppb
Cobalt	59-2	490.94	492.56	491.11	491.54	0.18	ppb
Copper	63-2	4710.94	4689.57	4651.64	4684.05	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	54-2	129357.42	126921.51	127692.06	127990.33	0.97	ppb
Iron	56-2	127290.35	126152.84	128385.02	127276.07	0.88	ppb
Iron	57-2	127609.31	129551.60	128620.82	128593.91	0.76	ppb
Krypton	83-1						cps
Lead	206-1	2576.64	2538.27	2631.39	2582.10	1.81	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:30:15	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2600.31	2569.49	2583.96	2584.59	0.60	ppb
Lead	208-1	2604.52	2558.68	2576.28	2579.83	0.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	263581.09	261863.78	264403.34	263282.74	0.49	ppb
Manganese	55-2	5033.55	5069.20	5097.22	5066.66	0.63	ppb
Molybdenum	94-1	5224.79	4950.00	5074.79	5083.19	2.71	ppb
Molybdenum	95-1	5273.60	5056.91	5117.01	5149.17	2.17	ppb
Molybdenum	96-1	5237.92	4987.07	5097.76	5107.58	2.46	ppb
Molybdenum	97-1	5177.88	4982.36	5059.91	5073.38	1.94	ppb
Molybdenum	98-1	5173.35	5023.50	5080.62	5092.49	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.17	485.50	487.96	484.54	0.82	ppb
Phosphorus	31-2	10294.55	10374.84	10384.31	10351.23	0.48	ppb
Potassium	39-2	130644.83	129582.31	131040.71	130422.62	0.58	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	516.04	500.26	499.48	505.26	1.85	ppb
Selenium	77-2	468.24	489.26	485.68	481.06	2.34	ppb
Selenium	78-2	501.56	480.66	511.08	497.77	3.13	ppb
Silicon	28-1	536.43	523.10	521.03	526.85	1.59	ppb
Silver	107-1	505.89	504.17	502.02	504.03	0.38	ppb
Silver	109-1	504.05	495.02	496.45	498.50	0.97	ppb
Sodium	23-2	259711.98	259003.69	261937.46	260217.71	0.59	ppb
Strontium	86-1	520.35	509.03	501.58	510.32	1.85	ppb
Strontium	88-1	512.79	504.57	505.38	507.58	0.89	ppb
Sulfur	34-1	10619.19	9793.38	9543.10	9985.23	5.64	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	511.61	514.10	528.73	518.15	1.78	ppb
Thallium	205-1	510.31	510.48	526.38	515.73	1.79	ppb
Tin	118-1	515.46	505.37	512.33	511.05	1.01	ppb
Titanium	47-1	5100.82	4993.04	4984.63	5026.16	1.29	ppb
Uranium	238-1	530.20	520.16	513.40	521.25	1.62	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:30:15	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	516.22	508.67	517.11	514.00	0.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	4875.02	4857.99	4907.39	4880.13	0.51	ppb
Zirconium	90-1	522.07	503.03	516.15	513.75	1.90	ppb
Zirconium	91-1	529.25	509.88	519.95	519.69	1.86	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:32:59	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.92	3.59	3.82	3.78	4.42	ppb
Antimony	121-1	0.13	0.11	0.09	0.11	15.39	ppb
Arsenic	75-2	0.08	0.06	0.03	0.06	41.93	ppb
Barium	135-1	0.11	0.08	0.06	0.08	29.71	ppb
Barium	137-1	0.11	0.07	0.06	0.08	27.38	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	20.17	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	-0.02	0.07	0.05	0.03	141.79	ppb
Cadmium	106-1	-1.68	-1.87	-1.96	-1.84		ppb
Cadmium	111-1	-0.09	-0.12	-0.14	-0.12		ppb
Calcium	43-1	8.78	7.50	6.33	7.54	16.25	ppb
Calcium	44-1	14.61	11.38	9.93	11.98	20.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.02	0.01	13.55	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	36.12	ppb
Copper	63-2	0.25	0.22	0.21	0.22	8.99	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				111		%
Indium	115-1				111		%
Indium	115-2				111		%
Iron	54-2	3.54	3.18	2.30	3.01	21.14	ppb
Iron	56-2	2.67	2.54	2.13	2.45	11.56	ppb
Iron	57-2	2.33	2.91	2.59	2.61	11.06	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.13	0.10	0.13	23.19	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:32:59	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.17	0.13	0.10	0.14	24.65	ppb
Lead	208-1	0.16	0.13	0.11	0.13	20.67	ppb
Lithium	6-1				114		%
Magnesium	24-2	5.65	5.14	4.32	5.03	13.38	ppb
Manganese	55-2	0.11	0.11	0.07	0.10	19.33	ppb
Molybdenum	94-1	0.42	0.34	0.32	0.36	14.23	ppb
Molybdenum	95-1	0.39	0.32	0.27	0.33	18.00	ppb
Molybdenum	96-1	0.39	0.30	0.26	0.32	20.64	ppb
Molybdenum	97-1	0.38	0.30	0.25	0.31	20.67	ppb
Molybdenum	98-1	0.36	0.31	0.27	0.31	14.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	-0.01	-0.01		ppb
Phosphorus	31-2	-29.71	-22.25	-29.09	-27.02		ppb
Potassium	39-2	95.93	89.91	91.66	92.50	3.35	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	0.40	0.13	0.22	0.25	54.53	ppb
Selenium	77-2	0.26	-0.15	0.26	0.12	195.13	ppb
Selenium	78-2	-0.05	0.28	0.44	0.22	113.20	ppb
Silicon	28-1	1.98	1.96	1.65	1.86	10.10	ppb
Silver	107-1	0.07	0.06	0.05	0.06	20.13	ppb
Silver	109-1	0.07	0.05	0.05	0.06	18.91	ppb
Sodium	23-2	39.45	36.99	34.78	37.07	6.30	ppb
Strontium	86-1	0.02	0.01	0.00	0.01	88.65	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	20.48	ppb
Sulfur	34-1	-815.90	-822.49	-751.16	-796.52		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.02	0.02	0.02	37.80	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	17.36	ppb
Tin	118-1	0.03	0.04	0.03	0.03	9.13	ppb
Titanium	47-1	0.23	0.15	0.15	0.18	25.91	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	46.88	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:32:59	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.01	0.01	41.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	0.20	0.21	0.21	0.21	4.78	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	23.30	ppb
Zirconium	91-1	0.05	0.04	0.04	0.04	13.06	ppb

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 15:58:22	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	227	283	170	227	25.00	cps
Antimony	121-1	113	103	117	111	6.25	cps
Arsenic	75-2	20	3	13	12	68.66	cps
Barium	135-1	157	173	217	182	17.00	cps
Barium	137-1	303	223	237	254	16.84	cps
Beryllium	9-1	239	235	224	232	3.36	cps
Bismuth	209-1	14468035	14275872	14419877	14387928	0.69	cps
Bismuth	209-2	6264062	6197713	6223693	6228490	0.54	cps
Bromine	81-1	36451	36280	36170	36300	0.39	cps
Cadmium	108-1	37	57	27	40	38.18	cps
Cadmium	106-1	13777	13597	13797	13724	0.80	cps
Cadmium	111-1	9685	9505	9679	9623	1.06	cps
Calcium	43-1	1423	1530	1323	1426	7.25	cps
Calcium	44-1	40238	40528	40970	40579	0.91	cps
Carbon	12-1	4078601	4055714	4091387	4075234	0.44	cps
Carbon	12-2	27102	27402	27302	27269	0.56	cps
Chlorine	35-1	114142	114068	113692	113967	0.21	cps
Chlorine	35-2	473	433	437	448	4.96	cps
Chromium	52-2	1070	1160	1093	1108	4.22	cps
Cobalt	59-2	187	187	200	191	4.03	cps
Copper	63-2	2730	2837	2870	2813	2.60	cps
Dysprosium	156-1	40	43	47	43	7.70	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	190	157	150	166	12.94	cps
Erbium	164-2	43	37	87	56	48.87	cps
Gadolinium	160-1	167	230	263	220	22.32	cps
Gadolinium	160-2	60	53	60	58	6.67	cps
Holmium	165-1	23880539	23560712	23924012	23788421	0.83	cps
Holmium	165-2	8558266	8516852	8358828	8477982	1.24	cps
Indium	115-1	20755923	20271988	20482107	20503339	1.18	cps
Indium	115-2	2154495	2168989	2155637	2159707	0.37	cps
Iron	54-2	640	657	757	684	9.22	cps
Iron	56-2	8706	10115	8916	9246	8.22	cps
Iron	57-2	237	200	227	221	8.57	cps
Krypton	83-1	290	293	267	283	5.13	cps
Lead	206-1	1133	1067	1197	1132	5.74	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 15:58:22	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1037	1040	850	976	11.15	cps
Lead	208-1	4674	4424	4437	4511	3.12	cps
Lithium	6-1	5847200	5849276	5898011	5864829	0.49	cps
Magnesium	24-2	820	720	713	751	7.96	cps
Manganese	55-2	2894	2750	2827	2824	2.54	cps
Molybdenum	94-1	840	713	710	754	9.82	cps
Molybdenum	95-1	243	310	310	288	13.38	cps
Molybdenum	96-1	480	440	383	434	11.18	cps
Molybdenum	97-1	127	213	203	181	26.18	cps
Molybdenum	98-1	493	473	517	494	4.39	cps
Neodymium	150-1	13	3	7	8	65.47	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	550	570	480	533	8.86	cps
Phosphorus	31-2	103	100	113	106	6.57	cps
Potassium	39-2	15625	15472	15502	15533	0.52	cps
Rhodium	103-1	19417743	19141641	19349043	19302809	0.74	cps
Rhodium	103-2	7613755	7565867	7410898	7530173	1.41	cps
Scandium	45-1	13494220	13452270	13791994	13579495	1.36	cps
Scandium	45-2	245487	249840	249189	248172	0.95	cps
Selenium	82-1	-50	20	-3	-11	-320.77	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	23	47	33	34	34.00	cps
Silicon	28-1	599125	557467	624043	593545	5.67	cps
Silver	107-1	260	270	250	260	3.85	cps
Silver	109-1	93	87	83	88	5.80	cps
Sodium	23-2	39326	39233	39868	39476	0.87	cps
Strontium	86-1	527	513	580	540	6.53	cps
Strontium	88-1	703	730	700	711	2.31	cps
Sulfur	34-1	625462	620304	622846	622871	0.41	cps
Terbium	159-1	24686120	24133243	25091907	24637090	1.95	cps
Terbium	159-2	8374138	8344612	8279099	8332616	0.58	cps
Thallium	203-1	360	357	327	348	5.28	cps
Thallium	205-1	863	823	817	834	3.02	cps
Tin	118-1	4181	4094	4064	4113	1.47	cps
Titanium	47-1	310	330	360	333	7.55	cps
Uranium	238-1	623	560	673	619	9.18	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 15:58:22	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33	37	23	31	22.31	cps
Ytterbium	172-1	173	133	153	153	13.04	cps
Ytterbium	172-2	47	63	43	51	20.96	cps
Ytterbium	176-1	3741	3741	3571	3684	2.67	cps
Ytterbium	176-2	913	970	1053	979	7.19	cps
Yttrium	89-1	37388245	37116295	37614081	37372874	0.67	cps
Yttrium	89-2	2709828	2755156	2712309	2725764	0.93	cps
Zinc	66-2	880	837	867	861	2.58	cps
Zirconium	90-1	2214	2190	2137	2180	1.80	cps
Zirconium	91-1	407	393	403	401	1.73	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:05:04	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2360	2337	2160	2286	4.79	cps
Antimony	121-1	62335	62843	62897	62692	0.50	cps
Arsenic	75-2	643	810	580	678	17.53	cps
Barium	135-1	76330	76457	76796	76528	0.31	cps
Barium	137-1	132471	132151	133157	132593	0.39	cps
Beryllium	9-1	7516	7777	7585	7626	1.78	cps
Bismuth	209-1	14696218	14588976	14600059	14628418	0.40	cps
Bismuth	209-2	6180545	6265541	6257281	6234456	0.75	cps
Bromine	81-1	36070	36775	36879	36574	1.20	cps
Cadmium	108-1	633	610	753	666	11.56	cps
Cadmium	106-1	14591	14635	14701	14642	0.38	cps
Cadmium	111-1	17960	17840	17716	17838	0.68	cps
Calcium	43-1	53469	54553	54369	54130	1.07	cps
Calcium	44-1	886691	889552	890983	889075	0.25	cps
Carbon	12-1	4212561	4225198	4157454	4198404	0.86	cps
Carbon	12-2	28187	28304	28154	28215	0.28	cps
Chlorine	35-1	120368	119958	121188	120505	0.52	cps
Chlorine	35-2	440	447	373	420	9.66	cps
Chromium	52-2	14581	14678	14694	14651	0.42	cps
Cobalt	59-2	13533	13096	13480	13370	1.78	cps
Copper	63-2	23386	23012	23269	23222	0.82	cps
Dysprosium	156-1	50	33	40	41	20.41	cps
Dysprosium	156-2	3	20	17	13	66.16	cps
Erbium	164-1	207	173	157	179	14.23	cps
Erbium	164-2	80	63	73	72	11.62	cps
Gadolinium	160-1	203	327	213	248	27.65	cps
Gadolinium	160-2	50	50	47	49	3.93	cps
Holmium	165-1	24250725	24178363	24199025	24209371	0.15	cps
Holmium	165-2	8596391	8693238	8600584	8630071	0.63	cps
Indium	115-1	20963216	20960281	21131816	21018438	0.47	cps
Indium	115-2	2197632	2234865	2175172	2202557	1.37	cps
Iron	54-2	14661	14591	14584	14612	0.29	cps
Iron	56-2	263608	260344	258971	260974	0.91	cps
Iron	57-2	6905	6692	6488	6695	3.11	cps
Krypton	83-1	287	293	313	298	4.66	cps
Lead	206-1	23231	23371	23114	23239	0.55	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:05:04	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	20683	20399	20440	20507	0.75	cps
Lead	208-1	92579	93629	91586	92598	1.10	cps
Lithium	6-1	6035681	6074149	6124845	6078225	0.74	cps
Magnesium	24-2	198916	201185	199516	199872	0.59	cps
Manganese	55-2	5508	5751	5608	5622	2.18	cps
Molybdenum	94-1	66829	67955	67807	67530	0.91	cps
Molybdenum	95-1	80769	81148	80910	80943	0.24	cps
Molybdenum	96-1	88738	89335	90747	89607	1.15	cps
Molybdenum	97-1	49270	49779	49354	49468	0.55	cps
Molybdenum	98-1	127984	128727	129847	128853	0.73	cps
Neodymium	150-1	7	13	33	18	78.05	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	4154	4331	4101	4195	2.87	cps
Phosphorus	31-2	290	287	307	294	3.64	cps
Potassium	39-2	142263	139856	138328	140149	1.42	cps
Rhodium	103-1	19595687	19661745	19886352	19714594	0.77	cps
Rhodium	103-2	7566568	7648148	7573411	7596042	0.60	cps
Scandium	45-1	13723954	13640602	13485771	13616776	0.89	cps
Scandium	45-2	253583	253929	247455	251655	1.45	cps
Selenium	82-1	2390	2424	2454	2423	1.31	cps
Selenium	77-2	77	30	40	49	50.26	cps
Selenium	78-2	190	183	180	184	2.76	cps
Silicon	28-1	781359	770315	753181	768285	1.85	cps
Silver	107-1	39189	40790	41205	40395	2.64	cps
Silver	109-1	38013	38527	38818	38452	1.06	cps
Sodium	23-2	435214	431000	427063	431092	0.95	cps
Strontium	86-1	11165	10904	10938	11002	1.29	cps
Strontium	88-1	91574	92718	93514	92602	1.05	cps
Sulfur	34-1	631720	631058	640500	634426	0.83	cps
Terbium	159-1	25699345	25446270	25770043	25638552	0.66	cps
Terbium	159-2	8272803	8397514	8330889	8333735	0.75	cps
Thallium	203-1	27519	27459	27619	27533	0.29	cps
Thallium	205-1	65568	66097	66007	65890	0.43	cps
Tin	118-1	129649	131706	132272	131209	1.05	cps
Titanium	47-1	24177	23429	24167	23924	1.79	cps
Uranium	238-1	84666	86139	84650	85152	1.00	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:05:04	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	25236	25990	25763	25663	1.51	cps
Ytterbium	172-1	193	160	130	161	19.67	cps
Ytterbium	172-2	67	27	67	53	43.30	cps
Ytterbium	176-1	3714	3724	3771	3736	0.81	cps
Ytterbium	176-2	907	853	880	880	3.03	cps
Yttrium	89-1	37794172	38293199	38496646	38194672	0.95	cps
Yttrium	89-2	2790047	2744586	2782340	2772324	0.88	cps
Zinc	66-2	6622	6688	6542	6617	1.11	cps
Zirconium	90-1	57401	57906	57819	57709	0.47	cps
Zirconium	91-1	12569	12696	13016	12760	1.81	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:22:40	DataFile Name :	011CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97990	96527	97937	97485	0.85	cps
Antimony	121-1	1598621	1597994	1595240	1597285	0.11	cps
Arsenic	75-2	28469	28679	28900	28683	0.75	cps
Barium	135-1	1899669	1940358	1933944	1924657	1.14	cps
Barium	137-1	3360145	3330961	3326112	3339073	0.55	cps
Beryllium	9-1	317704	322551	321992	320749	0.83	cps
Bismuth	209-1	15055272	15271201	15406763	15244412	1.16	cps
Bismuth	209-2	6210763	6271769	6235934	6239489	0.49	cps
Bromine	81-1	35217	35201	36330	35583	1.82	cps
Cadmium	108-1	29873	30126	30156	30052	0.52	cps
Cadmium	106-1	55715	56652	56954	56440	1.14	cps
Cadmium	111-1	380172	383533	389249	384318	1.19	cps
Calcium	43-1	466875	470554	471080	469503	0.49	cps
Calcium	44-1	7833647	7899089	8046237	7926324	1.37	cps
Carbon	12-1	4082987	4079923	4006067	4056326	1.07	cps
Carbon	12-2	26357	26507	25966	26277	1.06	cps
Chlorine	35-1	132412	132654	132322	132462	0.13	cps
Chlorine	35-2	423	460	517	467	10.08	cps
Chromium	52-2	295131	293037	295659	294609	0.47	cps
Cobalt	59-2	560774	560455	556264	559164	0.45	cps
Copper	63-2	4700283	4742906	4718719	4720636	0.45	cps
Dysprosium	156-1	93	60	97	83	24.33	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	160	217	217	198	16.54	cps
Erbium	164-2	57	47	67	57	17.65	cps
Gadolinium	160-1	240	233	237	237	1.41	cps
Gadolinium	160-2	47	87	53	62	34.44	cps
Holmium	165-1	25210151	25047520	25053085	25103585	0.37	cps
Holmium	165-2	8626629	8561591	8643272	8610497	0.50	cps
Indium	115-1	20977646	21035469	21154448	21055855	0.43	cps
Indium	115-2	2123617	2131699	2119807	2125041	0.29	cps
Iron	54-2	612207	611267	607210	610228	0.44	cps
Iron	56-2	11741084	11558229	11732050	11677121	0.88	cps
Iron	57-2	282424	278989	280243	280552	0.62	cps
Krypton	83-1	330	327	283	313	8.31	cps
Lead	206-1	5822740	5834485	5855751	5837659	0.29	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:22:40	DataFile Name :	011CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5004696	4962427	4961883	4976335	0.49	cps
Lead	208-1	23043355	22985446	22956120	22994974	0.19	cps
Lithium	6-1	5948488	5961843	5993008	5967780	0.38	cps
Magnesium	24-2	1821433	1819190	1782282	1807635	1.22	cps
Manganese	55-2	1252856	1238102	1245981	1245646	0.59	cps
Molybdenum	94-1	5439715	5601760	5550921	5530799	1.50	cps
Molybdenum	95-1	7887738	7956558	7997291	7947196	0.70	cps
Molybdenum	96-1	8622720	8580560	8619595	8607625	0.27	cps
Molybdenum	97-1	4855574	4896594	4932494	4894887	0.79	cps
Molybdenum	98-1	12758709	12846474	12836858	12814014	0.38	cps
Neodymium	150-1	160	220	150	177	21.43	cps
Neodymium	150-2	13	23	10	16	44.60	cps
Nickel	60-2	154249	156012	153602	154621	0.81	cps
Phosphorus	31-2	4561	4978	4561	4700	5.12	cps
Potassium	39-2	565847	570277	572954	569693	0.63	cps
Rhodium	103-1	19803941	19613379	19897318	19771546	0.73	cps
Rhodium	103-2	7512449	7396773	7524841	7478021	0.94	cps
Scandium	45-1	13297902	13285776	13550457	13378045	1.12	cps
Scandium	45-2	241241	241202	240677	241040	0.13	cps
Selenium	82-1	22502	22188	22645	22445	1.04	cps
Selenium	77-2	367	343	393	368	6.80	cps
Selenium	78-2	1327	1387	1313	1342	2.91	cps
Silicon	28-1	7974967	7827192	7887887	7896682	0.94	cps
Silver	107-1	2074015	2116377	2099325	2096572	1.02	cps
Silver	109-1	1964664	2005195	1989485	1986448	1.03	cps
Sodium	23-2	3483915	3592656	3567574	3548049	1.60	cps
Strontium	86-1	479220	478000	486778	481332	0.99	cps
Strontium	88-1	4457251	4569609	4502875	4509912	1.25	cps
Sulfur	34-1	691894	692639	692334	692289	0.05	cps
Terbium	159-1	26077588	26026435	26080163	26061395	0.12	cps
Terbium	159-2	8459468	8440508	8369922	8423299	0.56	cps
Thallium	203-1	1307063	1317532	1313054	1312550	0.40	cps
Thallium	205-1	3349783	3400072	3361067	3370307	0.78	cps
Tin	118-1	1206213	1226489	1223084	1218595	0.89	cps
Titanium	47-1	2195527	2167900	2239361	2200930	1.64	cps
Uranium	238-1	4378473	4387913	4364359	4376915	0.27	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:22:40	DataFile Name :	011CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	222435	222391	222108	222311	0.08	cps
Ytterbium	172-1	213	247	233	231	7.26	cps
Ytterbium	172-2	67	47	77	63	24.12	cps
Ytterbium	176-1	9780	9870	9777	9809	0.54	cps
Ytterbium	176-2	3107	3034	3017	3053	1.57	cps
Yttrium	89-1	37725855	38459488	38035236	38073526	0.97	cps
Yttrium	89-2	2685708	2676303	2697227	2686412	0.39	cps
Zinc	66-2	473482	474452	471444	473126	0.32	cps
Zirconium	90-1	2743829	2794404	2721267	2753167	1.36	cps
Zirconium	91-1	563943	581720	574961	573542	1.56	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:25:40	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250454	249212	248604	249423	0.38	cps
Antimony	121-1	3990512	4018856	4056831	4022067	0.83	cps
Arsenic	75-2	73142	73537	73467	73382	0.29	cps
Barium	135-1	4845171	4873209	4962466	4893615	1.25	cps
Barium	137-1	8331310	8304808	8387920	8341346	0.51	cps
Beryllium	9-1	801499	809086	814191	808259	0.79	cps
Bismuth	209-1	14913124	15057559	14908785	14959823	0.57	cps
Bismuth	209-2	6199645	6139624	6110727	6149999	0.74	cps
Bromine	81-1	35371	35442	36307	35707	1.46	cps
Cadmium	108-1	75505	75787	76206	75833	0.46	cps
Cadmium	106-1	120678	121213	122350	121414	0.70	cps
Cadmium	111-1	942993	954909	959531	952478	0.90	cps
Calcium	43-1	1239816	1260629	1247174	1249206	0.84	cps
Calcium	44-1	20328980	20368739	20141508	20279742	0.60	cps
Carbon	12-1	4167332	4153374	4204772	4175159	0.64	cps
Carbon	12-2	27973	28377	27382	27911	1.79	cps
Chlorine	35-1	136994	136157	135998	136383	0.39	cps
Chlorine	35-2	520	507	467	498	5.58	cps
Chromium	52-2	748533	744762	745396	746230	0.27	cps
Cobalt	59-2	1486948	1470083	1524578	1493870	1.87	cps
Copper	63-2	11846179	11819663	11580158	11748667	1.25	cps
Dysprosium	156-1	137	117	147	133	11.46	cps
Dysprosium	156-2	20	23	7	17	52.90	cps
Erbium	164-1	323	250	277	283	13.10	cps
Erbium	164-2	60	63	83	69	18.32	cps
Gadolinium	160-1	313	250	253	272	13.09	cps
Gadolinium	160-2	80	33	60	58	40.53	cps
Holmium	165-1	24963054	24802076	25303800	25022977	1.02	cps
Holmium	165-2	8679273	8710860	8557749	8649294	0.93	cps
Indium	115-1	21021298	20823740	21379827	21074955	1.34	cps
Indium	115-2	2155284	2089991	2110696	2118657	1.57	cps
Iron	54-2	1641258	1647994	1653399	1647550	0.37	cps
Iron	56-2	30283016	29407332	29120871	29603740	2.05	cps
Iron	57-2	712034	697386	699897	703106	1.11	cps
Krypton	83-1	297	257	247	267	9.92	cps
Lead	206-1	14206853	14558464	14792431	14519249	2.03	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:25:40	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12256835	12448317	12553162	12419438	1.21	cps
Lead	208-1	56506167	57173956	57897723	57192615	1.22	cps
Lithium	6-1	5915112	6040125	6024778	5993338	1.14	cps
Magnesium	24-2	4533613	4443688	4490638	4489313	1.00	cps
Manganese	55-2	3431364	3355214	3325718	3370765	1.62	cps
Molybdenum	94-1	13870994	13936536	13967286	13924938	0.35	cps
Molybdenum	95-1	19893554	19915753	19973760	19927689	0.21	cps
Molybdenum	96-1	21658475	21546898	21930944	21712106	0.91	cps
Molybdenum	97-1	12357979	12402688	12479381	12413349	0.49	cps
Molybdenum	98-1	32175983	32558065	32305147	32346398	0.60	cps
Neodymium	150-1	437	427	447	437	2.29	cps
Neodymium	150-2	23	23	33	27	21.65	cps
Nickel	60-2	390224	387588	387947	388586	0.37	cps
Phosphorus	31-2	12372	11842	12402	12205	2.58	cps
Potassium	39-2	1499695	1510014	1487607	1499105	0.75	cps
Rhodium	103-1	19609677	19836161	19506272	19650703	0.86	cps
Rhodium	103-2	7511294	7399013	7412596	7440967	0.82	cps
Scandium	45-1	13638342	13683408	13645725	13655825	0.18	cps
Scandium	45-2	247543	242340	243770	244551	1.10	cps
Selenium	82-1	56394	57806	57850	57350	1.44	cps
Selenium	77-2	890	893	980	921	5.54	cps
Selenium	78-2	3124	3207	3164	3165	1.32	cps
Silicon	28-1	19051760	19060408	19273869	19128679	0.66	cps
Silver	107-1	5142047	5168952	5175788	5162263	0.35	cps
Silver	109-1	4966288	4935405	4971750	4957814	0.40	cps
Sodium	23-2	9028684	9048105	8801305	8959365	1.53	cps
Strontium	86-1	1211615	1232779	1244573	1229656	1.36	cps
Strontium	88-1	11369838	11395237	11455546	11406873	0.39	cps
Sulfur	34-1	931232	930841	937224	933099	0.38	cps
Terbium	159-1	25818185	25924930	26308541	26017219	0.99	cps
Terbium	159-2	8521495	8440179	8387970	8449881	0.80	cps
Thallium	203-1	3570533	3620883	3604133	3598516	0.71	cps
Thallium	205-1	8295407	8392249	8393572	8360409	0.67	cps
Tin	118-1	3310708	3272037	3338925	3307223	1.02	cps
Titanium	47-1	5622408	5616810	5607177	5615465	0.14	cps
Uranium	238-1	10681639	10888817	10962916	10844457	1.34	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:25:40	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	573876	571034	569986	571632	0.35	cps
Ytterbium	172-1	247	267	203	239	13.55	cps
Ytterbium	172-2	113	77	83	91	21.44	cps
Ytterbium	176-1	18717	19758	19805	19427	3.17	cps
Ytterbium	176-2	6458	6362	6235	6352	1.76	cps
Yttrium	89-1	38861156	38930023	38753197	38848125	0.23	cps
Yttrium	89-2	2759751	2682778	2706549	2716359	1.45	cps
Zinc	66-2	1188576	1181000	1179465	1183014	0.41	cps
Zirconium	90-1	6970645	6984781	6916918	6957448	0.51	cps
Zirconium	91-1	1562755	1544671	1594279	1567235	1.60	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:28:31	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	481046	483335	478404	480928	0.51	cps
Antimony	121-1	7673315	7854092	7803180	7776862	1.20	cps
Arsenic	75-2	140182	142145	143785	142037	1.27	cps
Barium	135-1	9328111	9406165	9302297	9345524	0.58	cps
Barium	137-1	15901384	16505776	16086311	16164491	1.92	cps
Beryllium	9-1	1534869	1557004	1559313	1550395	0.87	cps
Bismuth	209-1	14692915	14741484	14893443	14775947	0.71	cps
Bismuth	209-2	6049188	6066317	6142601	6086035	0.82	cps
Bromine	81-1	34666	35351	36000	35339	1.89	cps
Cadmium	108-1	145077	146202	146394	145891	0.49	cps
Cadmium	106-1	220664	222773	224880	222772	0.95	cps
Cadmium	111-1	1925198	1955992	1965983	1949058	1.09	cps
Calcium	43-1	2404063	2446094	2416817	2422325	0.89	cps
Calcium	44-1	38305529	39056245	38511929	38624568	1.00	cps
Carbon	12-1	4274597	4310162	4307503	4297421	0.46	cps
Carbon	12-2	28888	28735	28962	28862	0.40	cps
Chlorine	35-1	145664	146035	145378	145692	0.23	cps
Chlorine	35-2	520	577	463	520	10.90	cps
Chromium	52-2	1535533	1514405	1557302	1535747	1.40	cps
Cobalt	59-2	2878193	2901203	2893423	2890939	0.40	cps
Copper	63-2	22778958	22423280	22440776	22547671	0.89	cps
Dysprosium	156-1	267	270	297	278	5.92	cps
Dysprosium	156-2	33	33	37	34	5.60	cps
Erbium	164-1	287	340	280	302	10.88	cps
Erbium	164-2	77	60	117	84	34.49	cps
Gadolinium	160-1	320	327	333	327	2.04	cps
Gadolinium	160-2	87	97	73	86	13.69	cps
Holmium	165-1	24857926	24869828	24689749	24805834	0.41	cps
Holmium	165-2	8695510	8502666	8715441	8637872	1.36	cps
Indium	115-1	20824282	20392879	20558516	20591892	1.06	cps
Indium	115-2	2076731	2077858	2118705	2091098	1.14	cps
Iron	54-2	3182630	3107148	3173248	3154342	1.30	cps
Iron	56-2	57008234	57760084	57026957	57265092	0.75	cps
Iron	57-2	1458560	1461091	1473556	1464402	0.55	cps
Krypton	83-1	303	240	363	302	20.41	cps
Lead	206-1	28061031	29235101	28789455	28695196	2.07	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:28:31	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	23955039	24425885	24546525	24309150	1.29	cps
Lead	208-1	110854993	113198301	113233043	112428779	1.21	cps
Lithium	6-1	5839667	5914579	5965756	5906667	1.07	cps
Magnesium	24-2	8661060	8590316	8744842	8665406	0.89	cps
Manganese	55-2	6393726	6393363	6439606	6408898	0.41	cps
Molybdenum	94-1	26617098	26983359	27180780	26927079	1.06	cps
Molybdenum	95-1	38565593	39075060	39481847	39040833	1.18	cps
Molybdenum	96-1	41532179	43119028	43138491	42596566	2.16	cps
Molybdenum	97-1	23369740	24703964	23984699	24019468	2.78	cps
Molybdenum	98-1	61559884	64377736	62731959	62889860	2.25	cps
Neodymium	150-1	733	797	803	778	4.97	cps
Neodymium	150-2	43	33	60	46	29.58	cps
Nickel	60-2	745650	742643	740339	742877	0.36	cps
Phosphorus	31-2	23536	23068	23459	23354	1.07	cps
Potassium	39-2	2904409	2910792	2883703	2899635	0.49	cps
Rhodium	103-1	18810640	19416752	19194787	19140726	1.60	cps
Rhodium	103-2	7316785	7321178	7212083	7283349	0.85	cps
Scandium	45-1	13156545	13088982	13170243	13138590	0.33	cps
Scandium	45-2	238426	239378	241253	239686	0.60	cps
Selenium	82-1	110604	109737	111683	110675	0.88	cps
Selenium	77-2	1803	2040	1797	1880	7.37	cps
Selenium	78-2	6395	6378	6568	6447	1.63	cps
Silicon	28-1	36722804	36426942	36518402	36556049	0.41	cps
Silver	107-1	9952222	9733672	9905247	9863714	1.17	cps
Silver	109-1	9449476	9252183	9473056	9391571	1.29	cps
Sodium	23-2	17468122	17007666	17365139	17280309	1.40	cps
Strontium	86-1	2542723	2603574	2547838	2564712	1.32	cps
Strontium	88-1	21638526	22103627	21935016	21892389	1.08	cps
Sulfur	34-1	1184379	1149879	1163996	1166084	1.49	cps
Terbium	159-1	25613705	25980506	26187743	25927318	1.12	cps
Terbium	159-2	8318224	8268424	8419851	8335499	0.93	cps
Thallium	203-1	6959836	7121716	7026957	7036170	1.16	cps
Thallium	205-1	16224499	16784361	16600794	16536551	1.73	cps
Tin	118-1	6336503	6413756	6360426	6370228	0.62	cps
Titanium	47-1	10623192	10800623	10774685	10732833	0.89	cps
Uranium	238-1	21228207	21209971	21550150	21329443	0.90	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:28:31	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1092003	1093735	1100160	1095299	0.39	cps
Ytterbium	172-1	310	307	310	309	0.62	cps
Ytterbium	172-2	153	130	123	136	11.62	cps
Ytterbium	176-1	34248	34752	34338	34446	0.78	cps
Ytterbium	176-2	11619	11292	11495	11468	1.44	cps
Yttrium	89-1	37126474	38092788	37630379	37616547	1.28	cps
Yttrium	89-2	2708230	2734065	2701056	2714450	0.64	cps
Zinc	66-2	2494964	2413412	2444719	2451032	1.68	cps
Zirconium	90-1	13181215	13464693	13638209	13428039	1.72	cps
Zirconium	91-1	2951551	2989133	3038154	2992946	1.45	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:31:18	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	918097	913869	911029	914331	0.39	cps
Antimony	121-1	15044410	15346629	15320756	15237265	1.10	cps
Arsenic	75-2	274000	273765	273707	273824	0.06	cps
Barium	135-1	18052409	18614632	18482744	18383262	1.60	cps
Barium	137-1	31454479	32236070	32387425	32025991	1.56	cps
Beryllium	9-1	2961447	2978585	3039641	2993224	1.37	cps
Bismuth	209-1	14514004	14461370	14576175	14517183	0.40	cps
Bismuth	209-2	5791442	5865675	5893764	5850294	0.90	cps
Bromine	81-1	35107	35538	35689	35445	0.85	cps
Cadmium	108-1	277786	285244	287685	283572	1.82	cps
Cadmium	106-1	412174	425214	418605	418664	1.56	cps
Cadmium	111-1	3683904	3736630	3791650	3737395	1.44	cps
Calcium	43-1	4657632	4612011	4742168	4670604	1.41	cps
Calcium	44-1	74820622	75981467	76550452	75784181	1.16	cps
Carbon	12-1	4398183	4430444	4457073	4428567	0.67	cps
Carbon	12-2	30659	30665	30582	30635	0.15	cps
Chlorine	35-1	166586	170393	170565	169181	1.33	cps
Chlorine	35-2	660	643	620	641	3.13	cps
Chromium	52-2	2964470	2952675	2964672	2960606	0.23	cps
Cobalt	59-2	5517117	5559536	5469941	5515531	0.81	cps
Copper	63-2	42657321	42726688	42797269	42727092	0.16	cps
Dysprosium	156-1	477	417	450	448	6.71	cps
Dysprosium	156-2	90	47	93	77	33.95	cps
Erbium	164-1	403	430	397	410	4.30	cps
Erbium	164-2	143	127	170	147	14.90	cps
Gadolinium	160-1	397	473	380	417	11.95	cps
Gadolinium	160-2	143	123	123	130	8.88	cps
Holmium	165-1	24006989	24551599	24570295	24376294	1.31	cps
Holmium	165-2	8462897	8520934	8472650	8485494	0.37	cps
Indium	115-1	19650315	19963225	19964501	19859347	0.91	cps
Indium	115-2	1969635	1964938	1992093	1975555	0.73	cps
Iron	54-2	6055583	5936093	6066518	6019398	1.20	cps
Iron	56-2	110284032	110462708	109597012	110114584	0.42	cps
Iron	57-2	2814657	2826469	2823830	2821652	0.22	cps
Krypton	83-1	320	363	297	327	10.36	cps
Lead	206-1	54290061	55181273	54456784	54642706	0.87	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:31:18	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	45983843	46899273	46806059	46563058	1.08	cps
Lead	208-1	213650088	217728920	217605585	216328198	1.07	cps
Lithium	6-1	5896446	5843684	5829025	5856385	0.61	cps
Magnesium	24-2	16767355	16559188	16648399	16658314	0.63	cps
Manganese	55-2	12432123	12429705	12361502	12407777	0.32	cps
Molybdenum	94-1	51802073	53357824	53324976	52828291	1.68	cps
Molybdenum	95-1	74959852	76554096	76505781	76006576	1.19	cps
Molybdenum	96-1	82666164	83801580	83157370	83208372	0.68	cps
Molybdenum	97-1	46633451	47209519	46488159	46777043	0.82	cps
Molybdenum	98-1	120316298	122400565	121112072	121276312	0.87	cps
Neodymium	150-1	1490	1543	1513	1516	1.76	cps
Neodymium	150-2	70	63	67	67	5.00	cps
Nickel	60-2	1523772	1538123	1563877	1541924	1.32	cps
Phosphorus	31-2	44685	45120	43629	44478	1.72	cps
Potassium	39-2	5483263	5440095	5476938	5466765	0.43	cps
Rhodium	103-1	18494984	18458818	18143632	18365812	1.05	cps
Rhodium	103-2	6940650	6806701	7018030	6921793	1.54	cps
Scandium	45-1	13050148	13158987	13161429	13123521	0.48	cps
Scandium	45-2	232159	232338	233393	232630	0.29	cps
Selenium	82-1	208583	216483	213803	212956	1.89	cps
Selenium	77-2	3400	3417	3440	3419	0.59	cps
Selenium	78-2	11748	12229	11992	11990	2.00	cps
Silicon	28-1	69906347	69523857	69316616	69582273	0.43	cps
Silver	107-1	18651525	19220573	19444826	19105641	2.14	cps
Silver	109-1	17868329	18075874	18241903	18062035	1.04	cps
Sodium	23-2	33172432	33276968	32838398	33095933	0.69	cps
Strontium	86-1	5015677	4990467	5079285	5028476	0.91	cps
Strontium	88-1	43860586	43447901	43723131	43677206	0.48	cps
Sulfur	34-1	1694580	1698573	1713507	1702220	0.59	cps
Terbium	159-1	25312307	25778366	25280811	25457162	1.09	cps
Terbium	159-2	8205174	8107745	8222365	8178428	0.76	cps
Thallium	203-1	13390565	13402898	13315469	13369644	0.35	cps
Thallium	205-1	31837055	31933450	31251805	31674103	1.16	cps
Tin	118-1	12135711	12357657	12289916	12261095	0.93	cps
Titanium	47-1	20644624	20796229	21200594	20880483	1.38	cps
Uranium	238-1	41564567	42055524	43297339	42305810	2.11	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:31:18	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2250510	2224603	2224143	2233085	0.68	cps
Ytterbium	172-1	393	493	377	421	14.98	cps
Ytterbium	172-2	147	153	167	156	6.55	cps
Ytterbium	176-1	64279	65250	65706	65078	1.12	cps
Ytterbium	176-2	21514	22075	22018	21869	1.41	cps
Yttrium	89-1	37505542	37591331	38006457	37701110	0.71	cps
Yttrium	89-2	2601827	2559612	2630126	2597188	1.37	cps
Zinc	66-2	4647007	4698840	4678607	4674818	0.56	cps
Zirconium	90-1	26068820	26761594	26928035	26586150	1.71	cps
Zirconium	91-1	5820022	5923978	5978121	5907374	1.36	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:34:03	DataFile Name :	015CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1834524	1850584	1860740	1848616	0.72	cps
Antimony	121-1	29189058	29338472	29971980	29499837	1.41	cps
Arsenic	75-2	526744	531509	526908	528387	0.51	cps
Barium	135-1	35627890	35813149	36935746	36125595	1.96	cps
Barium	137-1	62045336	62654171	63150507	62616671	0.88	cps
Beryllium	9-1	5594392	5732054	5729884	5685443	1.39	cps
Bismuth	209-1	14059122	14046144	14007779	14037682	0.19	cps
Bismuth	209-2	5669409	5715987	5669448	5684948	0.47	cps
Bromine	81-1	34569	35004	34215	34596	1.14	cps
Cadmium	108-1	545292	548774	555445	549837	0.94	cps
Cadmium	106-1	792008	790168	795966	792714	0.37	cps
Cadmium	111-1	7154864	7249261	7278789	7227638	0.90	cps
Calcium	43-1	8938258	9031819	9019764	8996614	0.57	cps
Calcium	44-1	144083621	146137281	147918868	146046590	1.31	cps
Carbon	12-1	4690773	4826996	4940199	4819323	2.59	cps
Carbon	12-2	34978	35018	35105	35034	0.19	cps
Chlorine	35-1	209738	218221	221259	216406	2.76	cps
Chlorine	35-2	850	830	747	809	6.78	cps
Chromium	52-2	5626800	5604328	5692039	5641055	0.81	cps
Cobalt	59-2	10258796	10473105	10463657	10398519	1.16	cps
Copper	63-2	79357020	80655994	81774875	80595963	1.50	cps
Dysprosium	156-1	923	900	893	906	1.74	cps
Dysprosium	156-2	123	167	160	150	15.55	cps
Erbium	164-1	580	630	717	642	10.77	cps
Erbium	164-2	217	187	243	216	13.15	cps
Gadolinium	160-1	617	633	577	609	4.78	cps
Gadolinium	160-2	187	230	187	201	12.44	cps
Holmium	165-1	24261140	24425057	24534721	24406973	0.56	cps
Holmium	165-2	8201449	8348170	8333429	8294349	0.97	cps
Indium	115-1	18929255	19318955	19229620	19159277	1.07	cps
Indium	115-2	1841558	1877001	1899852	1872804	1.57	cps
Iron	54-2	11537992	11576739	11607690	11574141	0.30	cps
Iron	56-2	212054117	211301564	209730790	211028824	0.56	cps
Iron	57-2	5304552	5374587	5299676	5326272	0.79	cps
Krypton	83-1	360	360	343	354	2.72	cps
Lead	206-1	106914225	109240105	107755318	107969883	1.09	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:34:03	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	90309872	93019685	92433255	91920938	1.55	cps
Lead	208-1	417425820	428831047	429150957	425135941	1.57	cps
Lithium	6-1	5633554	5670353	5829589	5711165	1.82	cps
Magnesium	24-2	31587349	32026049	31988469	31867289	0.76	cps
Manganese	55-2	23818525	23977714	23850391	23882210	0.35	cps
Molybdenum	94-1	103241842	103559792	104982332	103927988	0.89	cps
Molybdenum	95-1	147909414	150581624	151052401	149847813	1.13	cps
Molybdenum	96-1	160180281	164466834	164633904	163093673	1.55	cps
Molybdenum	97-1	91886059	92584195	92622579	92364278	0.45	cps
Molybdenum	98-1	238746556	241356003	242230843	240777801	0.75	cps
Neodymium	150-1	2887	3014	2660	2854	6.27	cps
Neodymium	150-2	143	130	187	153	19.32	cps
Nickel	60-2	2923661	2909093	2917692	2916815	0.25	cps
Phosphorus	31-2	83723	84112	85466	84434	1.08	cps
Potassium	39-2	10516769	10615124	10558973	10563622	0.47	cps
Rhodium	103-1	17330778	17646017	17568003	17514933	0.94	cps
Rhodium	103-2	6663896	6743691	6720062	6709216	0.61	cps
Scandium	45-1	12663070	12725118	12742395	12710194	0.33	cps
Scandium	45-2	226953	230488	230092	229178	0.85	cps
Selenium	82-1	411675	411592	412184	411817	0.08	cps
Selenium	77-2	6962	6922	6715	6866	1.93	cps
Selenium	78-2	23126	22802	22445	22791	1.49	cps
Silicon	28-1	130097305	129336245	130479951	129971167	0.45	cps
Silver	107-1	36207399	35812248	36704814	36241487	1.23	cps
Silver	109-1	34381574	34556774	35205669	34714673	1.25	cps
Sodium	23-2	63767962	64256974	64034472	64019803	0.38	cps
Strontium	86-1	9577499	9667380	9579974	9608285	0.53	cps
Strontium	88-1	82641652	85105132	85061655	84269480	1.67	cps
Sulfur	34-1	2691967	2686848	2701493	2693436	0.28	cps
Terbium	159-1	25353758	25367810	25323314	25348294	0.09	cps
Terbium	159-2	8139771	8123841	7934931	8066181	1.41	cps
Thallium	203-1	26404518	26687601	26294846	26462322	0.77	cps
Thallium	205-1	62646886	63198929	62905136	62916984	0.44	cps
Tin	118-1	23769215	24307449	24215963	24097542	1.20	cps
Titanium	47-1	41032287	41077447	40634219	40914651	0.60	cps
Uranium	238-1	84124742	84232200	83742544	84033162	0.31	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:34:03	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4284819	4269328	4347449	4300532	0.96	cps
Ytterbium	172-1	710	743	747	733	2.76	cps
Ytterbium	172-2	257	247	270	258	4.54	cps
Ytterbium	176-1	124305	124504	126657	125155	1.04	cps
Ytterbium	176-2	41441	42866	42488	42265	1.75	cps
Yttrium	89-1	36307081	36439021	37062644	36602916	1.10	cps
Yttrium	89-2	2564522	2543631	2563457	2557203	0.46	cps
Zinc	66-2	8703491	8727880	8859901	8763757	0.96	cps
Zirconium	90-1	51573979	52081291	52486211	52047160	0.88	cps
Zirconium	91-1	11403937	11514421	11693185	11537181	1.27	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:36:51	DataFile Name :	016CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8803108	8762151	8814070	8793109	0.31	cps
Antimony	121-1	20629	20078	19304	20004	3.33	cps
Arsenic	75-2	237	253	293	261	11.15	cps
Barium	135-1	13790	13213	13170	13391	2.59	cps
Barium	137-1	23841	23110	22916	23289	2.09	cps
Beryllium	9-1	1091	949	900	980	10.14	cps
Bismuth	209-1	12055468	12244034	12161614	12153705	0.78	cps
Bismuth	209-2	5109980	5101583	5137201	5116255	0.36	cps
Bromine	81-1	31228	31044	30861	31044	0.59	cps
Cadmium	108-1	273	230	210	238	13.62	cps
Cadmium	106-1	12529	12322	12542	12465	0.99	cps
Cadmium	111-1	9636	9535	9629	9600	0.59	cps
Calcium	43-1	40806445	41334867	41614649	41251987	0.99	cps
Calcium	44-1	663913243	669979630	677297110	670396661	1.00	cps
Carbon	12-1	4363204	4413265	4389081	4388517	0.57	cps
Carbon	12-2	39520	39162	39506	39396	0.51	cps
Chlorine	35-1	157856	162197	159329	159794	1.38	cps
Chlorine	35-2	620	657	607	628	4.12	cps
Chromium	52-2	47107	47689	47386	47394	0.61	cps
Cobalt	59-2	20692	20909	20555	20719	0.86	cps
Copper	63-2	21884	21363	21209	21485	1.64	cps
Dysprosium	156-1	1010	967	1060	1012	4.61	cps
Dysprosium	156-2	227	277	317	273	16.50	cps
Erbium	164-1	1027	1283	1080	1130	11.99	cps
Erbium	164-2	380	427	430	412	6.78	cps
Gadolinium	160-1	1013	1007	1013	1011	0.38	cps
Gadolinium	160-2	327	363	367	352	6.30	cps
Holmium	165-1	22785387	23205126	22219326	22736613	2.18	cps
Holmium	165-2	7986477	7961688	8088163	8012109	0.84	cps
Indium	115-1	17628532	17615391	17770198	17671374	0.49	cps
Indium	115-2	1896809	1869431	1886475	1884238	0.73	cps
Iron	54-2	53329146	53294786	53161653	53261861	0.17	cps
Iron	56-2	985175399	987556012	989746465	987492625	0.23	cps
Iron	57-2	24736413	24819548	24999204	24851722	0.54	cps
Krypton	83-1	323	370	413	369	12.20	cps
Lead	206-1	106660	105670	103656	105329	1.45	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:36:51	DataFile Name :	016CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	91376	91131	89886	90798	0.88	cps
Lead	208-1	420481	416646	412142	416423	1.00	cps
Lithium	6-1	5141617	5091954	5154220	5129264	0.64	cps
Magnesium	24-2	148087021	148903791	152808061	149932958	1.68	cps
Manganese	55-2	15582	15669	15509	15586	0.51	cps
Molybdenum	94-1	21764	20829	20215	20936	3.73	cps
Molybdenum	95-1	21300	20155	19357	20270	4.82	cps
Molybdenum	96-1	37648	35977	35813	36479	2.78	cps
Molybdenum	97-1	12873	12075	11585	12178	5.34	cps
Molybdenum	98-1	32532	30313	28386	30410	6.82	cps
Neodymium	150-1	513	487	513	504	3.05	cps
Neodymium	150-2	200	147	117	154	27.33	cps
Nickel	60-2	13079	12402	12375	12619	3.16	cps
Phosphorus	31-2	150	127	150	142	9.47	cps
Potassium	39-2	51252679	50732479	51836276	51273811	1.08	cps
Rhodium	103-1	15533315	15577892	15384081	15498429	0.65	cps
Rhodium	103-2	6033269	6034285	6077061	6048205	0.41	cps
Scandium	45-1	11817156	11629287	11798897	11748447	0.88	cps
Scandium	45-2	219920	218949	222032	220300	0.72	cps
Selenium	82-1	387	360	307	351	11.60	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	37	30	40	36	14.32	cps
Silicon	28-1	832567	788468	748826	789953	5.30	cps
Silver	107-1	4164	3651	3360	3725	10.92	cps
Silver	109-1	3824	3337	3180	3447	9.73	cps
Sodium	23-2	299568469	300169842	302297989	300678767	0.48	cps
Strontium	86-1	28362	28302	29164	28609	1.68	cps
Strontium	88-1	244681	246324	246069	245691	0.36	cps
Sulfur	34-1	480584	474592	471160	475445	1.00	cps
Terbium	159-1	23253185	23465461	23313928	23344191	0.47	cps
Terbium	159-2	7721569	7791771	7804600	7772647	0.58	cps
Thallium	203-1	2594	2347	2147	2362	9.47	cps
Thallium	205-1	6198	5745	5208	5717	8.67	cps
Tin	118-1	8599	8193	8356	8383	2.44	cps
Titanium	47-1	4371	4057	3897	4108	5.86	cps
Uranium	238-1	5098	4321	4014	4478	12.48	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:36:51	DataFile Name :	016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1133	950	1027	1037	8.88	cps
Ytterbium	172-1	1940	1793	1847	1860	3.99	cps
Ytterbium	172-2	817	753	753	774	4.72	cps
Ytterbium	176-1	4514	4474	4254	4414	3.17	cps
Ytterbium	176-2	1160	1223	1343	1242	7.50	cps
Yttrium	89-1	34080307	34062759	33677485	33940184	0.67	cps
Yttrium	89-2	2540735	2539087	2564322	2548048	0.55	cps
Zinc	66-2	49155	49958	49857	49657	0.88	cps
Zirconium	90-1	25146	24455	24405	24669	1.68	cps
Zirconium	91-1	5511	5518	5448	5492	0.70	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:46:29	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49450	50032	50684	50056	1.23	cps
Antimony	121-1	6500298	6463283	6438280	6467287	0.48	cps
Arsenic	75-2	122084	122997	126239	123773	1.76	cps
Barium	135-1	742553	755634	756909	751699	1.06	cps
Barium	137-1	1300322	1299742	1329197	1309754	1.29	cps
Beryllium	9-1	685677	687644	692479	688600	0.51	cps
Bismuth	209-1	15520356	15454295	15903547	15626066	1.55	cps
Bismuth	209-2	6389663	6668264	6641752	6566560	2.34	cps
Bromine	81-1	35602	36304	36103	36003	1.00	cps
Cadmium	108-1	51342	52004	52376	51907	1.01	cps
Cadmium	106-1	82867	84560	85201	84209	1.43	cps
Cadmium	111-1	778609	789864	789919	786131	0.83	cps
Calcium	43-1	189737	195516	196624	193959	1.91	cps
Calcium	44-1	3185246	3300829	3348514	3278196	2.56	cps
Carbon	12-1	4334800	4283666	4374958	4331141	1.06	cps
Carbon	12-2	28324	28374	29309	28669	1.94	cps
Chlorine	35-1	141439	142396	144476	142770	1.09	cps
Chlorine	35-2	557	570	503	543	6.49	cps
Chromium	52-2	632090	634168	639368	635209	0.59	cps
Cobalt	59-2	1207616	1225969	1234038	1222541	1.11	cps
Copper	63-2	954727	964862	969488	963025	0.78	cps
Dysprosium	156-1	20	70	33	41	62.98	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	187	150	160	166	11.45	cps
Erbium	164-2	43	70	63	59	23.57	cps
Gadolinium	160-1	287	273	263	274	4.26	cps
Gadolinium	160-2	40	57	40	46	21.13	cps
Holmium	165-1	25381415	25980040	25325821	25562425	1.42	cps
Holmium	165-2	9148489	9137462	9246425	9177459	0.65	cps
Indium	115-1	21522503	21513090	21574916	21536836	0.15	cps
Indium	115-2	2309034	2295747	2310256	2305012	0.35	cps
Iron	54-2	517747	529530	533960	527079	1.59	cps
Iron	56-2	9708131	9715380	9880581	9768030	1.00	cps
Iron	57-2	231209	234406	237311	234309	1.30	cps
Krypton	83-1	287	307	320	304	5.51	cps
Lead	206-1	4891019	4952949	4839162	4894377	1.16	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:46:29	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4122680	4095448	4033572	4083900	1.12	cps
Lead	208-1	19230598	19176688	18992360	19133215	0.65	cps
Lithium	6-1	6275368	6221500	6256557	6251142	0.44	cps
Magnesium	24-2	417699	416605	418610	417638	0.24	cps
Manganese	55-2	266949	266920	271333	268401	0.95	cps
Molybdenum	94-1	2324	2170	2070	2188	5.83	cps
Molybdenum	95-1	1267	1177	1237	1227	3.74	cps
Molybdenum	96-1	1930	1973	2074	1992	3.69	cps
Molybdenum	97-1	817	677	707	733	10.05	cps
Molybdenum	98-1	1937	1960	1923	1940	0.96	cps
Neodymium	150-1	87	80	93	87	7.69	cps
Neodymium	150-2	0	17	7	8	107.84	cps
Nickel	60-2	335815	340744	341467	339342	0.91	cps
Phosphorus	31-2	103	103	133	113	15.29	cps
Potassium	39-2	471347	480622	482730	478233	1.27	cps
Rhodium	103-1	20209150	20451119	20336678	20332316	0.60	cps
Rhodium	103-2	7840574	7988560	8072364	7967166	1.47	cps
Scandium	45-1	13845060	14041223	14276234	14054172	1.54	cps
Scandium	45-2	252606	258035	259401	256681	1.40	cps
Selenium	82-1	97935	96437	98586	97652	1.13	cps
Selenium	77-2	1607	1633	1760	1667	4.92	cps
Selenium	78-2	5454	5611	5588	5551	1.52	cps
Silicon	28-1	606399	649062	636587	630683	3.48	cps
Silver	107-1	2000149	1978005	2036176	2004777	1.46	cps
Silver	109-1	1864221	1931109	1924626	1906652	1.93	cps
Sodium	23-2	1529810	1513868	1543867	1529182	0.98	cps
Strontium	86-1	3037	2910	3150	3033	3.96	cps
Strontium	88-1	22652	22648	22612	22637	0.10	cps
Sulfur	34-1	577755	577744	578071	577857	0.03	cps
Terbium	159-1	26400854	26529412	26398206	26442824	0.28	cps
Terbium	159-2	8866502	8843655	8999516	8903224	0.95	cps
Thallium	203-1	5809363	6027535	5874373	5903757	1.90	cps
Thallium	205-1	13872485	14084532	14033524	13996847	0.79	cps
Tin	118-1	4924	4577	4651	4718	3.87	cps
Titanium	47-1	577	583	600	587	2.05	cps
Uranium	238-1	530	433	477	480	10.09	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:46:29	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	471479	473122	481890	475497	1.18	cps
Ytterbium	172-1	113	187	130	143	26.82	cps
Ytterbium	172-2	73	47	80	67	26.45	cps
Ytterbium	176-1	3987	3684	3817	3829	3.97	cps
Ytterbium	176-2	863	1007	1023	964	9.12	cps
Yttrium	89-1	39810659	39856156	39860936	39842584	0.07	cps
Yttrium	89-2	2878889	2889975	2900113	2889659	0.37	cps
Zinc	66-2	201744	202925	206428	203699	1.20	cps
Zirconium	90-1	3931	4061	4161	4051	2.85	cps
Zirconium	91-1	1583	1617	1713	1638	4.12	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:58:14	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2350	2427	2320	2366	2.33	cps
Antimony	121-1	64628	64983	65459	65024	0.64	cps
Arsenic	75-2	653	750	783	729	9.26	cps
Barium	135-1	77490	78546	79776	78604	1.46	cps
Barium	137-1	136608	140457	139299	138788	1.42	cps
Beryllium	9-1	7562	7814	7617	7664	1.72	cps
Bismuth	209-1	15310525	15608111	15569021	15495886	1.04	cps
Bismuth	209-2	6497051	6582795	6391733	6490526	1.47	cps
Bromine	81-1	37580	37487	38008	37692	0.74	cps
Cadmium	108-1	727	703	653	694	5.40	cps
Cadmium	106-1	15035	15589	15909	15511	2.85	cps
Cadmium	111-1	18042	18863	19272	18725	3.35	cps
Calcium	43-1	54847	54288	54232	54456	0.62	cps
Calcium	44-1	909049	909479	906871	908466	0.15	cps
Carbon	12-1	4052064	4017234	4099555	4056284	1.02	cps
Carbon	12-2	26137	26951	26541	26543	1.53	cps
Chlorine	35-1	114162	113709	113900	113924	0.20	cps
Chlorine	35-2	453	390	370	404	10.76	cps
Chromium	52-2	14958	14688	15015	14887	1.17	cps
Cobalt	59-2	13657	14007	13920	13861	1.32	cps
Copper	63-2	24284	23763	23636	23895	1.44	cps
Dysprosium	156-1	57	43	50	50	13.34	cps
Dysprosium	156-2	13	3	17	11	62.48	cps
Erbium	164-1	153	210	173	179	16.06	cps
Erbium	164-2	67	57	43	56	21.08	cps
Gadolinium	160-1	260	163	320	248	31.90	cps
Gadolinium	160-2	60	43	37	47	25.75	cps
Holmium	165-1	25810263	25840255	26206731	25952417	0.85	cps
Holmium	165-2	8940480	8902724	8917612	8920272	0.21	cps
Indium	115-1	22043695	22084335	22310630	22146220	0.65	cps
Indium	115-2	2312283	2276312	2217549	2268715	2.11	cps
Iron	54-2	15041	15188	14891	15040	0.99	cps
Iron	56-2	266829	266859	262625	265437	0.92	cps
Iron	57-2	6838	6618	6378	6612	3.48	cps
Krypton	83-1	260	297	240	266	10.82	cps
Lead	206-1	24780	24700	25111	24864	0.88	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:58:14	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	20840	21458	21431	21243	1.64	cps
Lead	208-1	98023	98680	98954	98552	0.49	cps
Lithium	6-1	6458319	6157877	6449628	6355275	2.69	cps
Magnesium	24-2	204604	201536	202369	202836	0.78	cps
Manganese	55-2	5441	5928	5621	5663	4.35	cps
Molybdenum	94-1	70072	69894	71097	70354	0.92	cps
Molybdenum	95-1	84291	84474	83904	84223	0.35	cps
Molybdenum	96-1	92062	92760	94777	93200	1.51	cps
Molybdenum	97-1	51562	52024	52428	52005	0.83	cps
Molybdenum	98-1	131610	135564	134282	133819	1.51	cps
Neodymium	150-1	30	30	23	28	13.86	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	4137	4167	4134	4146	0.44	cps
Phosphorus	31-2	280	237	267	261	8.50	cps
Potassium	39-2	141977	144845	142397	143073	1.08	cps
Rhodium	103-1	20638031	20775134	21470574	20961246	2.13	cps
Rhodium	103-2	7918707	7816000	7836373	7857027	0.69	cps
Scandium	45-1	14510881	14504172	14656139	14557064	0.59	cps
Scandium	45-2	261360	257209	252427	256999	1.74	cps
Selenium	82-1	2720	2707	2510	2646	4.45	cps
Selenium	77-2	43	50	50	48	8.06	cps
Selenium	78-2	167	170	177	171	2.98	cps
Silicon	28-1	723775	743548	771920	746414	3.24	cps
Silver	107-1	42492	42465	42873	42610	0.54	cps
Silver	109-1	40366	40359	41369	40698	1.43	cps
Sodium	23-2	434442	437293	435675	435803	0.33	cps
Strontium	86-1	11238	11525	11518	11427	1.43	cps
Strontium	88-1	96571	96397	97185	96717	0.43	cps
Sulfur	34-1	612982	609627	611140	611250	0.27	cps
Terbium	159-1	26752805	26500237	27090195	26781079	1.11	cps
Terbium	159-2	8778106	8668615	8610949	8685890	0.98	cps
Thallium	203-1	29473	28705	29891	29357	2.05	cps
Thallium	205-1	69662	70661	68563	69629	1.51	cps
Tin	118-1	138809	137636	138852	138432	0.50	cps
Titanium	47-1	24501	24431	24254	24395	0.52	cps
Uranium	238-1	89304	89240	88226	88924	0.68	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 16:58:14	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	25940	26154	25937	26010	0.48	cps
Ytterbium	172-1	177	167	167	170	3.40	cps
Ytterbium	172-2	67	77	80	74	9.32	cps
Ytterbium	176-1	3967	3931	4014	3971	1.05	cps
Ytterbium	176-2	933	953	840	909	6.66	cps
Yttrium	89-1	39802899	39741239	41254314	40266150	2.13	cps
Yttrium	89-2	2963352	2882851	2865022	2903742	1.80	cps
Zinc	66-2	6121	6175	6498	6265	3.26	cps
Zirconium	90-1	60029	61080	59817	60309	1.12	cps
Zirconium	91-1	13547	13817	13663	13676	0.99	cps

LB Number : LB135831 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2025-05-19 17:01:35 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	740	713	660	704	5.78	cps
Antimony	121-1	387	430	363	393	8.60	cps
Arsenic	75-2	13	17	0	10	88.20	cps
Barium	135-1	197	117	123	146	30.49	cps
Barium	137-1	297	287	330	304	7.45	cps
Beryllium	9-1	221	220	210	217	2.84	cps
Bismuth	209-1	15378657	15464282	15089456	15310798	1.28	cps
Bismuth	209-2	6505231	6517413	6496932	6506525	0.16	cps
Bromine	81-1	36514	36277	37149	36647	1.23	cps
Cadmium	108-1	50	37	43	43	15.38	cps
Cadmium	106-1	13960	13607	13774	13780	1.28	cps
Cadmium	111-1	9767	9559	9641	9656	1.09	cps
Calcium	43-1	1213	1240	1213	1222	1.26	cps
Calcium	44-1	35014	35131	35111	35085	0.18	cps
Carbon	12-1	4394351	4382977	4525452	4434260	1.79	cps
Carbon	12-2	30565	30037	29777	30126	1.33	cps
Chlorine	35-1	162943	167308	168484	166245	1.76	cps
Chlorine	35-2	623	663	720	669	7.26	cps
Chromium	52-2	1253	1167	1250	1223	4.01	cps
Cobalt	59-2	100	127	137	121	15.65	cps
Copper	63-2	2324	2470	2410	2401	3.07	cps
Dysprosium	156-1	27	20	30	26	19.92	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	170	190	207	189	9.72	cps
Erbium	164-2	73	53	50	59	21.43	cps
Gadolinium	160-1	207	287	223	239	17.67	cps
Gadolinium	160-2	37	43	43	41	9.35	cps
Holmium	165-1	25522411	25508178	25614169	25548253	0.23	cps
Holmium	165-2	9121391	9044069	8963385	9042948	0.87	cps
Indium	115-1	21811112	22064823	21894871	21923602	0.59	cps
Indium	115-2	2254998	2298751	2267127	2273626	0.99	cps
Iron	54-2	777	657	667	700	9.51	cps
Iron	56-2	8903	8816	8709	8809	1.10	cps
Iron	57-2	303	190	237	243	23.41	cps
Krypton	83-1	330	313	273	306	9.53	cps
Lead	206-1	1447	1503	1397	1449	3.68	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:01:35	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1330	1247	1137	1238	7.83	cps
Lead	208-1	5754	5821	5427	5667	3.72	cps
Lithium	6-1	6308818	6274993	6200519	6261443	0.88	cps
Magnesium	24-2	857	900	893	883	2.64	cps
Manganese	55-2	2554	2587	2574	2571	0.65	cps
Molybdenum	94-1	1100	1130	1070	1100	2.73	cps
Molybdenum	95-1	323	267	307	299	9.74	cps
Molybdenum	96-1	523	517	610	550	9.47	cps
Molybdenum	97-1	217	273	233	241	12.08	cps
Molybdenum	98-1	427	487	547	487	12.33	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	407	410	420	412	1.68	cps
Phosphorus	31-2	187	140	93	140	33.34	cps
Potassium	39-2	16326	16306	16493	16375	0.63	cps
Rhodium	103-1	20488901	20620600	20420931	20510144	0.49	cps
Rhodium	103-2	8013099	8097270	7866496	7992288	1.46	cps
Scandium	45-1	14310422	14265904	14132926	14236417	0.65	cps
Scandium	45-2	262106	258787	254386	258427	1.50	cps
Selenium	82-1	40	-10	17	16	160.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	23	13	20	19	26.96	cps
Silicon	28-1	622808	610753	610132	614564	1.16	cps
Silver	107-1	1237	1267	1157	1220	4.66	cps
Silver	109-1	1023	977	1003	1001	2.34	cps
Sodium	23-2	40055	40138	41542	40579	2.06	cps
Strontium	86-1	530	577	510	539	6.35	cps
Strontium	88-1	697	703	760	720	4.83	cps
Sulfur	34-1	605970	607089	612323	608461	0.56	cps
Terbium	159-1	26483210	26358460	26163627	26335099	0.61	cps
Terbium	159-2	8746682	8787468	8520674	8684941	1.65	cps
Thallium	203-1	497	477	557	510	8.16	cps
Thallium	205-1	1203	1160	1127	1163	3.30	cps
Tin	118-1	4554	4494	4547	4532	0.73	cps
Titanium	47-1	393	387	393	391	0.98	cps
Uranium	238-1	200	163	200	188	11.27	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:01:35	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	33	27	28	18.33	cps
Ytterbium	172-1	150	153	173	159	7.94	cps
Ytterbium	172-2	57	67	57	60	9.62	cps
Ytterbium	176-1	3831	3917	3764	3837	2.00	cps
Ytterbium	176-2	850	760	940	850	10.59	cps
Yttrium	89-1	39482345	40044488	39847302	39791378	0.72	cps
Yttrium	89-2	2912198	2932640	2877707	2907515	0.95	cps
Zinc	66-2	680	630	630	647	4.46	cps
Zirconium	90-1	2767	2994	3104	2955	5.81	cps
Zirconium	91-1	540	570	510	540	5.56	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:04:57	DataFile Name :	023ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9370184	9429219	9272250	9357218	0.85	cps
Antimony	121-1	31603	32007	33080	32230	2.37	cps
Arsenic	75-2	173	227	163	188	18.13	cps
Barium	135-1	10784	11111	10661	10852	2.14	cps
Barium	137-1	18239	18733	18529	18501	1.34	cps
Beryllium	9-1	1927	1955	1839	1907	3.19	cps
Bismuth	209-1	13896199	13957686	14019291	13957725	0.44	cps
Bismuth	209-2	5745298	5664363	5717367	5709009	0.72	cps
Bromine	81-1	37480	37838	38372	37897	1.19	cps
Cadmium	108-1	8243	7959	7716	7972	3.31	cps
Cadmium	106-1	13060	13040	12676	12925	1.67	cps
Cadmium	111-1	12775	13223	12815	12938	1.92	cps
Calcium	43-1	9503348	9581794	9672183	9585775	0.88	cps
Calcium	44-1	154372011	158320344	158871854	157188070	1.56	cps
Carbon	12-1	54813573	55549693	55168916	55177394	0.67	cps
Carbon	12-2	362394	362234	364920	363182	0.41	cps
Chlorine	35-1	123343982	134846358	137255351	131815230	5.64	cps
Chlorine	35-2	561519	556815	557210	558515	0.47	cps
Chromium	52-2	118244	118227	118226	118232	0.01	cps
Cobalt	59-2	13103	12819	13243	13055	1.65	cps
Copper	63-2	67392	67389	67061	67281	0.28	cps
Dysprosium	156-1	127	180	113	140	25.20	cps
Dysprosium	156-2	53	50	40	48	14.52	cps
Erbium	164-1	240	250	247	246	2.07	cps
Erbium	164-2	83	117	70	90	26.71	cps
Gadolinium	160-1	323	293	310	309	4.87	cps
Gadolinium	160-2	83	93	107	94	12.40	cps
Holmium	165-1	25059825	24766354	24756876	24861018	0.69	cps
Holmium	165-2	8791562	8565931	8553851	8637115	1.55	cps
Indium	115-1	20147259	20304125	20541005	20330797	0.97	cps
Indium	115-2	2028227	2055906	2049744	2044626	0.71	cps
Iron	54-2	25189540	24883935	25231820	25101765	0.76	cps
Iron	56-2	466504206	462383606	467924060	465603958	0.62	cps
Iron	57-2	11642355	11728482	11596041	11655626	0.58	cps
Krypton	83-1	333	317	333	328	2.94	cps
Lead	206-1	95156	96929	97396	96493	1.22	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:04:57	DataFile Name :	023ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	75230	75938	76444	75870	0.80	cps
Lead	208-1	355374	360586	363099	359686	1.10	cps
Lithium	6-1	5717554	5787051	5713516	5739374	0.72	cps
Magnesium	24-2	33681170	33698771	33456382	33612108	0.40	cps
Manganese	55-2	21166	21490	21273	21309	0.77	cps
Molybdenum	94-1	17890781	17993802	17890667	17925083	0.33	cps
Molybdenum	95-1	31284065	31851802	31649578	31595148	0.91	cps
Molybdenum	96-1	33368252	33957078	33552654	33625995	0.90	cps
Molybdenum	97-1	19029452	19396194	19471116	19298921	1.22	cps
Molybdenum	98-1	49705173	50176734	50711511	50197806	1.00	cps
Neodymium	150-1	130	103	157	130	20.52	cps
Neodymium	150-2	27	33	47	36	28.64	cps
Nickel	60-2	16176	17147	16920	16748	3.03	cps
Phosphorus	31-2	489985	487422	489748	489052	0.29	cps
Potassium	39-2	23189938	23143930	23223815	23185894	0.17	cps
Rhodium	103-1	17965566	17932007	18344203	18080592	1.27	cps
Rhodium	103-2	6999442	6904962	7084943	6996449	1.29	cps
Scandium	45-1	13268963	13437730	13304513	13337069	0.67	cps
Scandium	45-2	242354	241069	242008	241810	0.27	cps
Selenium	82-1	60	147	73	93	50.00	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	17	27	30	24	28.38	cps
Silicon	28-1	918781	918963	921957	919901	0.19	cps
Silver	107-1	3134	2440	2277	2617	17.38	cps
Silver	109-1	2694	2320	2017	2344	14.47	cps
Sodium	23-2	70928087	70966961	70991166	70962071	0.04	cps
Strontium	86-1	323325	333498	333133	329986	1.75	cps
Strontium	88-1	3104952	3138961	3166780	3136898	0.99	cps
Sulfur	34-1	11962085	11930002	12158625	12016904	1.03	cps
Terbium	159-1	25502263	25704022	25910787	25705691	0.79	cps
Terbium	159-2	8441475	8355141	8336801	8377806	0.67	cps
Thallium	203-1	2294	3617	4568	3493	32.70	cps
Thallium	205-1	5548	8419	10434	8134	30.19	cps
Tin	118-1	15512	14491	13373	14459	7.40	cps
Titanium	47-1	8966366	9082945	9050963	9033425	0.67	cps
Uranium	238-1	1487	1457	1413	1452	2.54	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:04:57	DataFile Name :	023ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	670	667	697	678	2.43	cps
Ytterbium	172-1	233	217	173	208	14.91	cps
Ytterbium	172-2	43	90	80	71	34.56	cps
Ytterbium	176-1	3400	3537	3554	3497	2.41	cps
Ytterbium	176-2	730	810	790	777	5.36	cps
Yttrium	89-1	38002262	38045714	38520949	38189641	0.75	cps
Yttrium	89-2	2744969	2728905	2720116	2731330	0.46	cps
Zinc	66-2	11275	11435	11238	11316	0.92	cps
Zirconium	90-1	3771	3884	3881	3845	1.68	cps
Zirconium	91-1	773	837	880	830	6.46	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:08:31	DataFile Name :	024ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9115632	9073559	9177303	9122165	0.57	cps
Antimony	121-1	602318	605210	602421	603316	0.27	cps
Arsenic	75-2	11928	11258	11251	11479	3.39	cps
Barium	135-1	150816	155542	153863	153407	1.56	cps
Barium	137-1	260783	265168	268775	264909	1.51	cps
Beryllium	9-1	124679	125962	126335	125659	0.69	cps
Bismuth	209-1	14136402	14172970	14154754	14154709	0.13	cps
Bismuth	209-2	6105386	5769030	5724010	5866142	3.55	cps
Bromine	81-1	40000	40351	40976	40443	1.22	cps
Cadmium	108-1	16774	17157	17244	17058	1.47	cps
Cadmium	106-1	26158	26158	25413	25910	1.66	cps
Cadmium	111-1	151157	153121	149915	151397	1.07	cps
Calcium	43-1	9423658	9506616	9421410	9450561	0.51	cps
Calcium	44-1	153069994	156135268	153911141	154372134	1.03	cps
Carbon	12-1	55489779	56728767	56417677	56212075	1.15	cps
Carbon	12-2	374517	377338	375461	375772	0.38	cps
Chlorine	35-1	129093878	135794218	136464251	133784116	3.05	cps
Chlorine	35-2	558358	558033	560233	558875	0.21	cps
Chromium	52-2	231283	230146	234167	231865	0.89	cps
Cobalt	59-2	227625	230433	232864	230307	1.14	cps
Copper	63-2	231809	233223	235869	233633	0.88	cps
Dysprosium	156-1	130	150	137	139	7.33	cps
Dysprosium	156-2	43	47	53	48	10.66	cps
Erbium	164-1	270	317	303	297	8.10	cps
Erbium	164-2	70	63	97	77	23.01	cps
Gadolinium	160-1	363	347	310	340	8.02	cps
Gadolinium	160-2	90	83	103	92	11.05	cps
Holmium	165-1	25219867	24879030	25234800	25111232	0.80	cps
Holmium	165-2	9224537	8737643	8621069	8861083	3.61	cps
Indium	115-1	20349056	20701593	20581210	20543953	0.87	cps
Indium	115-2	2207622	2089040	2055113	2117258	3.78	cps
Iron	54-2	24484086	24294264	24211794	24330048	0.57	cps
Iron	56-2	442547740	448772767	450700900	447340469	0.95	cps
Iron	57-2	11342600	11186728	11182222	11237184	0.81	cps
Krypton	83-1	327	310	317	318	2.64	cps
Lead	206-1	490752	498064	504775	497863	1.41	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:08:31	DataFile Name :	024ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	411494	421062	423451	418669	1.51	cps
Lead	208-1	1922860	1932465	1948370	1934565	0.67	cps
Lithium	6-1	5809118	5712369	5735207	5752231	0.88	cps
Magnesium	24-2	32588082	32354822	32821763	32588222	0.72	cps
Manganese	55-2	71662	73160	72808	72543	1.08	cps
Molybdenum	94-1	17154476	17494046	17148312	17265611	1.15	cps
Molybdenum	95-1	30510896	30424200	30369872	30434989	0.23	cps
Molybdenum	96-1	32171074	32500722	32862740	32511512	1.06	cps
Molybdenum	97-1	18437636	18732723	18868346	18679568	1.18	cps
Molybdenum	98-1	47909008	49362903	49029049	48766986	1.56	cps
Neodymium	150-1	147	183	157	162	11.68	cps
Neodymium	150-2	27	40	30	32	21.53	cps
Nickel	60-2	74574	75201	75874	75216	0.86	cps
Phosphorus	31-2	476640	477620	479475	477911	0.30	cps
Potassium	39-2	22586424	22389972	22437853	22471416	0.46	cps
Rhodium	103-1	18452232	18636971	18760745	18616649	0.83	cps
Rhodium	103-2	7555138	7060667	7087498	7234434	3.84	cps
Scandium	45-1	13647563	13826015	13800359	13757979	0.70	cps
Scandium	45-2	266952	247794	248141	254295	4.31	cps
Selenium	82-1	9607	9050	9393	9350	3.01	cps
Selenium	77-2	167	170	157	164	4.22	cps
Selenium	78-2	493	583	573	550	8.97	cps
Silicon	28-1	907460	904769	917435	909888	0.73	cps
Silver	107-1	666312	686808	681810	678310	1.58	cps
Silver	109-1	640048	654026	658955	651010	1.51	cps
Sodium	23-2	69504701	69410841	69771069	69562203	0.27	cps
Strontium	86-1	319238	322612	323566	321805	0.71	cps
Strontium	88-1	3065786	3005460	3058894	3043380	1.08	cps
Sulfur	34-1	11696632	11815975	11794421	11769010	0.54	cps
Terbium	159-1	25793669	26151713	26327055	26090812	1.04	cps
Terbium	159-2	8862688	8454724	8257402	8524938	3.62	cps
Thallium	203-1	503599	513307	518764	511890	1.50	cps
Thallium	205-1	1217442	1227364	1235296	1226701	0.73	cps
Tin	118-1	8486	8359	8559	8468	1.20	cps
Titanium	47-1	8730973	8850177	8750070	8777073	0.73	cps
Uranium	238-1	2277	2390	2594	2420	6.63	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:08:31	DataFile Name :	024ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	90366	89699	92093	90719	1.36	cps
Ytterbium	172-1	113	137	227	159	37.67	cps
Ytterbium	172-2	70	97	70	79	19.52	cps
Ytterbium	176-1	3587	3501	3370	3486	3.13	cps
Ytterbium	176-2	917	753	743	804	12.10	cps
Yttrium	89-1	39820689	38262747	38552809	38878748	2.13	cps
Yttrium	89-2	2975804	2782639	2743088	2833844	4.39	cps
Zinc	66-2	28793	29651	29046	29163	1.51	cps
Zirconium	90-1	5078	5121	5364	5188	2.98	cps
Zirconium	91-1	1027	1210	1427	1221	16.40	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:17:00	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5012493	4966747	4970164	4983135	0.51	cps
Antimony	121-1	14638164	14636671	14562711	14612515	0.30	cps
Arsenic	75-2	276247	275978	274249	275491	0.39	cps
Barium	135-1	18290980	18078081	18085197	18151419	0.67	cps
Barium	137-1	31026840	30903425	30963198	30964488	0.20	cps
Beryllium	9-1	2846202	2895702	2937149	2893018	1.57	cps
Bismuth	209-1	13282615	13348266	13314707	13315196	0.25	cps
Bismuth	209-2	5491415	5537224	5605150	5544596	1.03	cps
Bromine	81-1	36531	36203	35535	36090	1.41	cps
Cadmium	108-1	263257	268783	267514	266518	1.09	cps
Cadmium	106-1	393593	396177	397750	395840	0.53	cps
Cadmium	111-1	3534683	3623705	3549090	3569160	1.34	cps
Calcium	43-1	23740274	23773475	23391988	23635246	0.89	cps
Calcium	44-1	384784514	387376448	382500328	384887096	0.63	cps
Carbon	12-1	4607419	4736192	4767321	4703644	1.80	cps
Carbon	12-2	36261	36863	36569	36564	0.82	cps
Chlorine	35-1	2213950	2245951	2171712	2210538	1.68	cps
Chlorine	35-2	8523	8506	8719	8583	1.38	cps
Chromium	52-2	3038102	3037045	3080124	3051757	0.81	cps
Cobalt	59-2	5394766	5463366	5402727	5420286	0.69	cps
Copper	63-2	41119866	41028661	40601028	40916518	0.68	cps
Dysprosium	156-1	850	870	893	871	2.49	cps
Dysprosium	156-2	147	227	223	199	22.75	cps
Erbium	164-1	843	840	780	821	4.34	cps
Erbium	164-2	293	250	273	272	7.97	cps
Gadolinium	160-1	700	670	693	688	2.29	cps
Gadolinium	160-2	233	253	223	237	6.45	cps
Holmium	165-1	24165342	24062088	24136305	24121245	0.22	cps
Holmium	165-2	8467238	8571067	8570272	8536192	0.70	cps
Indium	115-1	19369096	19544945	19112179	19342073	1.13	cps
Indium	115-2	2001687	1986479	2007754	1998640	0.55	cps
Iron	54-2	29706199	29503367	29959858	29723141	0.77	cps
Iron	56-2	547101125	550614725	553949058	550554970	0.62	cps
Iron	57-2	13980144	13894161	13805459	13893255	0.63	cps
Krypton	83-1	327	417	360	368	12.37	cps
Lead	206-1	50399146	52341939	51128391	51289825	1.91	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:17:00	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	43942156	44511816	44152133	44202035	0.65	cps
Lead	208-1	203061207	207028450	203359719	204483125	1.08	cps
Lithium	6-1	5377204	5504670	5603788	5495221	2.07	cps
Magnesium	24-2	86396042	85127264	86330105	85951137	0.83	cps
Manganese	55-2	12495934	12602828	12653289	12584017	0.64	cps
Molybdenum	94-1	52574723	52718344	53328063	52873710	0.76	cps
Molybdenum	95-1	76645191	76339499	77456189	76813626	0.75	cps
Molybdenum	96-1	82744860	82798097	84401794	83314917	1.13	cps
Molybdenum	97-1	46225183	46862346	47291201	46792910	1.15	cps
Molybdenum	98-1	120862535	123138908	123654375	122551939	1.21	cps
Neodymium	150-1	1507	1667	1817	1663	9.32	cps
Neodymium	150-2	173	130	137	147	15.91	cps
Nickel	60-2	1389450	1553452	1549374	1497425	6.25	cps
Phosphorus	31-2	46895	45712	45514	46041	1.62	cps
Potassium	39-2	28961397	28748475	28577513	28762462	0.67	cps
Rhodium	103-1	17130572	17352207	17636893	17373224	1.46	cps
Rhodium	103-2	6683394	6612210	6632005	6642536	0.55	cps
Scandium	45-1	13349915	13401731	13244964	13332203	0.60	cps
Scandium	45-2	242585	241719	244808	243037	0.66	cps
Selenium	82-1	204439	205221	204999	204887	0.20	cps
Selenium	77-2	3460	3347	3487	3432	2.17	cps
Selenium	78-2	11598	12132	11865	11865	2.25	cps
Silicon	28-1	72136674	72379812	71832562	72116349	0.38	cps
Silver	107-1	17659983	17615677	17752378	17676013	0.39	cps
Silver	109-1	16849015	16910779	16674046	16811280	0.73	cps
Sodium	23-2	171538371	171442077	171355441	171445296	0.05	cps
Strontium	86-1	4873449	4865527	5001810	4913595	1.56	cps
Strontium	88-1	42236429	42925206	42844343	42668659	0.88	cps
Sulfur	34-1	1748382	1738381	1697145	1727970	1.57	cps
Terbium	159-1	25293865	25224474	25492670	25337003	0.55	cps
Terbium	159-2	8170776	8180083	8161706	8170855	0.11	cps
Thallium	203-1	12524759	12737301	12740174	12667411	0.98	cps
Thallium	205-1	29760373	30640738	30134218	30178443	1.46	cps
Tin	118-1	11826468	11910571	11790991	11842677	0.52	cps
Titanium	47-1	21325704	21540674	21122069	21329482	0.98	cps
Uranium	238-1	40796469	40579109	40818578	40731385	0.32	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:17:00	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2304548	2292945	2322799	2306764	0.65	cps
Ytterbium	172-1	1063	1257	1180	1167	8.34	cps
Ytterbium	172-2	457	513	517	496	6.80	cps
Ytterbium	176-1	61834	63562	64094	63163	1.87	cps
Ytterbium	176-2	22129	21982	21958	22023	0.42	cps
Yttrium	89-1	36748834	37169994	37323162	37080663	0.80	cps
Yttrium	89-2	2748648	2723029	2728489	2733389	0.49	cps
Zinc	66-2	4569147	4454409	4471796	4498451	1.37	cps
Zirconium	90-1	26493300	26559906	26685340	26579516	0.37	cps
Zirconium	91-1	5911181	5939069	5981498	5943916	0.60	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:19:41	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	970	837	853	887	8.19	cps
Antimony	121-1	4541	4181	3447	4056	13.74	cps
Arsenic	75-2	10	20	20	17	34.64	cps
Barium	135-1	1007	787	643	812	22.53	cps
Barium	137-1	1727	1200	1160	1362	23.22	cps
Beryllium	9-1	685	619	532	612	12.49	cps
Bismuth	209-1	15547444	15503195	15468504	15506381	0.26	cps
Bismuth	209-2	6446196	6614235	6308945	6456458	2.37	cps
Bromine	81-1	37133	37092	36845	37023	0.42	cps
Cadmium	108-1	57	57	50	54	7.07	cps
Cadmium	106-1	14214	13714	14167	14032	1.97	cps
Cadmium	111-1	10147	9813	10089	10016	1.78	cps
Calcium	43-1	2500	2207	2074	2260	9.66	cps
Calcium	44-1	56242	50921	47724	51629	8.33	cps
Carbon	12-1	4247738	4264190	4289968	4267299	0.50	cps
Carbon	12-2	27486	27920	28080	27829	1.11	cps
Chlorine	35-1	962167	927923	891772	927287	3.80	cps
Chlorine	35-2	3364	3440	3057	3287	6.17	cps
Chromium	52-2	1163	1243	1193	1200	3.37	cps
Cobalt	59-2	197	200	200	199	0.97	cps
Copper	63-2	7012	7012	6578	6867	3.65	cps
Dysprosium	156-1	20	23	30	24	20.83	cps
Dysprosium	156-2	20	3	3	9	108.30	cps
Erbium	164-1	120	127	177	141	21.95	cps
Erbium	164-2	83	97	57	79	25.82	cps
Gadolinium	160-1	210	237	237	228	6.76	cps
Gadolinium	160-2	57	60	50	56	9.17	cps
Holmium	165-1	25573010	25799390	25379157	25583853	0.82	cps
Holmium	165-2	8996911	9054690	8675561	8909054	2.29	cps
Indium	115-1	21882351	22069586	21943927	21965288	0.43	cps
Indium	115-2	2258691	2292387	2179894	2243658	2.57	cps
Iron	54-2	1457	1250	1327	1345	7.77	cps
Iron	56-2	20308	18609	17651	18856	7.14	cps
Iron	57-2	517	447	440	468	9.08	cps
Krypton	83-1	320	293	347	320	8.33	cps
Lead	206-1	5798	4978	4598	5124	11.97	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:19:41	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5124	4414	4137	4559	11.17	cps
Lead	208-1	23695	20103	18135	20645	13.66	cps
Lithium	6-1	6022587	6135623	6233196	6130468	1.72	cps
Magnesium	24-2	2197	2110	1983	2097	5.12	cps
Manganese	55-2	2987	3064	2967	3006	1.70	cps
Molybdenum	94-1	4944	4124	3907	4325	12.65	cps
Molybdenum	95-1	4831	3651	3174	3885	21.96	cps
Molybdenum	96-1	5641	4457	3661	4586	21.73	cps
Molybdenum	97-1	3177	2164	1990	2444	26.24	cps
Molybdenum	98-1	7626	6061	4861	6183	22.42	cps
Neodymium	150-1	33	23	27	28	18.33	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	493	537	507	512	4.33	cps
Phosphorus	31-2	113	93	117	108	11.71	cps
Potassium	39-2	22815	22204	22197	22405	1.58	cps
Rhodium	103-1	20459565	20834171	20504421	20599386	0.99	cps
Rhodium	103-2	7910253	8161803	7718842	7930299	2.80	cps
Scandium	45-1	14114246	14267379	14266550	14216058	0.62	cps
Scandium	45-2	250996	259569	248052	252872	2.37	cps
Selenium	82-1	-37	93	-40	6	1369.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	23	20	20	16.65	cps
Silicon	28-1	616214	612909	600021	609714	1.40	cps
Silver	107-1	4007	3044	2690	3247	20.99	cps
Silver	109-1	3707	2640	2537	2961	21.88	cps
Sodium	23-2	68483	68359	66507	67783	1.63	cps
Strontium	86-1	757	773	697	742	5.43	cps
Strontium	88-1	2774	2280	1913	2322	18.58	cps
Sulfur	34-1	556655	562108	562486	560416	0.58	cps
Terbium	159-1	26398170	26851590	26742850	26664203	0.89	cps
Terbium	159-2	8761117	8982746	8535948	8759937	2.55	cps
Thallium	203-1	1897	1870	1633	1800	8.05	cps
Thallium	205-1	4951	4034	3771	4252	14.57	cps
Tin	118-1	5988	6445	6001	6145	4.23	cps
Titanium	47-1	1480	1283	1050	1271	16.94	cps
Uranium	238-1	2294	1523	1343	1720	29.34	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:19:41	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	60	47	60	56	13.85	cps
Ytterbium	172-1	193	153	197	181	13.31	cps
Ytterbium	172-2	43	67	63	58	21.85	cps
Ytterbium	176-1	3771	3627	3430	3609	4.73	cps
Ytterbium	176-2	810	903	853	856	5.46	cps
Yttrium	89-1	39481009	39382884	39826334	39563409	0.59	cps
Yttrium	89-2	2864523	2957842	2804579	2875648	2.69	cps
Zinc	66-2	1510	1340	1347	1399	6.88	cps
Zirconium	90-1	6195	5835	5358	5796	7.24	cps
Zirconium	91-1	1340	1237	1093	1223	10.13	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:23:44	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2444	2464	2364	2424	2.18	cps
Antimony	121-1	64997	66410	65837	65748	1.08	cps
Arsenic	75-2	633	753	647	678	9.70	cps
Barium	135-1	79193	78955	79535	79227	0.37	cps
Barium	137-1	137928	138322	136652	137634	0.63	cps
Beryllium	9-1	7431	7572	7492	7498	0.95	cps
Bismuth	209-1	15721704	15401309	15734428	15619147	1.21	cps
Bismuth	209-2	6586067	6472530	6491433	6516677	0.93	cps
Bromine	81-1	36678	37513	37905	37365	1.68	cps
Cadmium	108-1	693	747	667	702	5.80	cps
Cadmium	106-1	14962	14811	15372	15048	1.93	cps
Cadmium	111-1	18377	18218	18983	18526	2.18	cps
Calcium	43-1	55158	55259	54593	55003	0.65	cps
Calcium	44-1	894487	911269	914797	906851	1.20	cps
Carbon	12-1	4110540	4184214	4055797	4116851	1.57	cps
Carbon	12-2	26848	26474	26457	26593	0.83	cps
Chlorine	35-1	605128	587210	574790	589043	2.59	cps
Chlorine	35-2	2180	2094	1987	2087	4.64	cps
Chromium	52-2	14648	14614	14474	14579	0.63	cps
Cobalt	59-2	13463	13753	13687	13634	1.12	cps
Copper	63-2	23877	24177	23910	23988	0.69	cps
Dysprosium	156-1	40	67	37	48	34.42	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	177	153	210	180	15.82	cps
Erbium	164-2	53	60	80	64	21.54	cps
Gadolinium	160-1	253	207	243	234	10.48	cps
Gadolinium	160-2	83	50	60	64	26.54	cps
Holmium	165-1	25356456	25950948	25540411	25615939	1.19	cps
Holmium	165-2	9048280	8813266	9005168	8955572	1.40	cps
Indium	115-1	22585787	22572642	22330523	22496318	0.64	cps
Indium	115-2	2331823	2283721	2283116	2299553	1.22	cps
Iron	54-2	15639	15222	14728	15196	3.00	cps
Iron	56-2	263901	269768	265613	266428	1.13	cps
Iron	57-2	6492	6648	6592	6577	1.21	cps
Krypton	83-1	247	257	307	270	11.91	cps
Lead	206-1	25398	25248	25171	25272	0.46	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:23:44	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22336	22740	22102	22393	1.44	cps
Lead	208-1	100903	101391	102169	101488	0.63	cps
Lithium	6-1	6192913	6107953	6500668	6267178	3.30	cps
Magnesium	24-2	203731	200603	197888	200740	1.46	cps
Manganese	55-2	5888	5881	5488	5752	3.98	cps
Molybdenum	94-1	70059	70524	70186	70256	0.34	cps
Molybdenum	95-1	84099	84079	83009	83729	0.74	cps
Molybdenum	96-1	92287	93643	93693	93207	0.86	cps
Molybdenum	97-1	52080	52311	52321	52238	0.26	cps
Molybdenum	98-1	133744	135080	133280	134035	0.70	cps
Neodymium	150-1	47	43	27	39	27.55	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	4051	4051	4024	4042	0.38	cps
Phosphorus	31-2	307	253	290	283	9.63	cps
Potassium	39-2	146121	147595	143714	145810	1.34	cps
Rhodium	103-1	20623918	20595608	20817921	20679149	0.59	cps
Rhodium	103-2	8094172	7980369	7861122	7978554	1.46	cps
Scandium	45-1	14228249	14291251	14169023	14229508	0.43	cps
Scandium	45-2	258197	259464	254183	257281	1.07	cps
Selenium	82-1	2500	2610	2590	2567	2.28	cps
Selenium	77-2	73	57	43	58	26.01	cps
Selenium	78-2	207	210	160	192	14.54	cps
Silicon	28-1	730349	730678	745600	735542	1.18	cps
Silver	107-1	39787	41439	42345	41190	3.15	cps
Silver	109-1	39065	40369	39777	39737	1.64	cps
Sodium	23-2	449688	447090	439031	445269	1.25	cps
Strontium	86-1	11135	11722	11698	11518	2.89	cps
Strontium	88-1	96135	97766	97326	97076	0.87	cps
Sulfur	34-1	589139	588389	587437	588322	0.14	cps
Terbium	159-1	27165953	26599404	27058500	26941285	1.12	cps
Terbium	159-2	8814731	8773416	8867597	8818582	0.54	cps
Thallium	203-1	28805	29727	29604	29379	1.70	cps
Thallium	205-1	69720	70795	71311	70609	1.15	cps
Tin	118-1	136627	138966	138371	137988	0.88	cps
Titanium	47-1	24324	24401	24437	24387	0.24	cps
Uranium	238-1	89955	89250	88133	89113	1.03	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:23:44	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	25526	25753	24685	25321	2.22	cps
Ytterbium	172-1	120	137	127	128	6.57	cps
Ytterbium	172-2	63	60	77	67	13.23	cps
Ytterbium	176-1	3811	3637	3707	3718	2.35	cps
Ytterbium	176-2	807	883	890	860	5.38	cps
Yttrium	89-1	40218158	40255734	40409481	40294457	0.25	cps
Yttrium	89-2	2883800	2884132	2885531	2884488	0.03	cps
Zinc	66-2	6255	6148	6445	6283	2.39	cps
Zirconium	90-1	60835	62704	62733	62091	1.75	cps
Zirconium	91-1	13413	13734	13423	13523	1.35	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2043-05DLX5	Instrumnet Name :	P8
Client Sample ID :	3139DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:27:04	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4214	4284	4141	4213	1.70	cps
Antimony	121-1	13257	13323	13517	13366	1.01	cps
Arsenic	75-2	653	633	613	633	3.16	cps
Barium	135-1	82113	80477	80413	81001	1.19	cps
Barium	137-1	140938	140760	141426	141041	0.24	cps
Beryllium	9-1	266	285	230	260	10.74	cps
Bismuth	209-1	15414639	15491703	15289924	15398755	0.66	cps
Bismuth	209-2	6362875	6426602	6366443	6385307	0.56	cps
Bromine	81-1	69257	70265	71551	70358	1.63	cps
Cadmium	108-1	240	273	207	240	13.89	cps
Cadmium	106-1	14828	14885	14725	14812	0.55	cps
Cadmium	111-1	12268	12228	12093	12196	0.75	cps
Calcium	43-1	165820	170558	167104	167828	1.46	cps
Calcium	44-1	2902869	2920132	2908736	2910579	0.30	cps
Carbon	12-1	15171350	16265122	16528862	15988445	4.50	cps
Carbon	12-2	108947	109649	109474	109356	0.33	cps
Chlorine	35-1	901541	937825	959776	933047	3.15	cps
Chlorine	35-2	4054	3874	3807	3912	3.26	cps
Chromium	52-2	69236	69173	68118	68842	0.91	cps
Cobalt	59-2	13373	13033	13116	13174	1.35	cps
Copper	63-2	375495	378381	371615	375164	0.90	cps
Dysprosium	156-1	60	60	77	66	14.68	cps
Dysprosium	156-2	20	17	27	21	24.12	cps
Erbium	164-1	207	217	233	219	6.16	cps
Erbium	164-2	57	47	63	56	15.09	cps
Gadolinium	160-1	247	273	260	260	5.13	cps
Gadolinium	160-2	80	57	77	71	17.74	cps
Holmium	165-1	25517655	25614775	25683134	25605188	0.32	cps
Holmium	165-2	9032968	9068138	8990465	9030523	0.43	cps
Indium	115-1	22170115	22493841	22311465	22325140	0.73	cps
Indium	115-2	2360940	2322869	2286867	2323559	1.59	cps
Iron	54-2	28186200	27968913	27947329	28034147	0.47	cps
Iron	56-2	522723632	513518552	521844019	519362068	0.98	cps
Iron	57-2	13038330	13111776	13062469	13070859	0.29	cps
Krypton	83-1	223	270	330	274	19.48	cps
Lead	206-1	28328	28251	29086	28555	1.62	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2043-05DLX5	Instrumnet Name :	P8
Client Sample ID :	3139DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:27:04	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	24440	23605	24213	24086	1.79	cps
Lead	208-1	111390	110223	111987	111200	0.81	cps
Lithium	6-1	6191901	6155999	6115215	6154371	0.62	cps
Magnesium	24-2	1330900	1311919	1319696	1320838	0.72	cps
Manganese	55-2	583900	576337	577479	579239	0.70	cps
Molybdenum	94-1	25427	27821	28429	27226	5.83	cps
Molybdenum	95-1	39068	38691	40068	39275	1.81	cps
Molybdenum	96-1	50880	50194	51913	50995	1.70	cps
Molybdenum	97-1	24128	24495	24418	24347	0.80	cps
Molybdenum	98-1	63113	64241	63297	63550	0.95	cps
Neodymium	150-1	73	113	83	90	23.14	cps
Neodymium	150-2	3	33	20	19	79.59	cps
Nickel	60-2	23700	23937	23122	23586	1.78	cps
Phosphorus	31-2	523	567	570	553	4.71	cps
Potassium	39-2	379076	382063	380661	380600	0.39	cps
Rhodium	103-1	20288590	20858415	20941643	20696216	1.72	cps
Rhodium	103-2	7951087	7900101	7869734	7906974	0.52	cps
Scandium	45-1	14508523	14586499	14812501	14635841	1.08	cps
Scandium	45-2	266129	263030	261257	263472	0.94	cps
Selenium	82-1	150	53	13	72	97.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	17	37	24	43.83	cps
Silicon	28-1	15253523	15508636	15208006	15323389	1.06	cps
Silver	107-1	1703	1550	1530	1595	5.95	cps
Silver	109-1	1367	1247	1227	1280	5.92	cps
Sodium	23-2	8201123	8017220	8089738	8102693	1.14	cps
Strontium	86-1	180895	177009	181691	179865	1.39	cps
Strontium	88-1	1739917	1698869	1708130	1715638	1.25	cps
Sulfur	34-1	2731155	2735251	2711504	2725970	0.47	cps
Terbium	159-1	27567878	26910321	27249434	27242544	1.21	cps
Terbium	159-2	9004206	8898474	8767869	8890183	1.33	cps
Thallium	203-1	850	743	670	754	12.00	cps
Thallium	205-1	1994	1800	1850	1881	5.34	cps
Tin	118-1	229233	244410	228772	234138	3.80	cps
Titanium	47-1	2500	2517	2670	2562	3.66	cps
Uranium	238-1	537	533	503	524	3.50	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2043-05DLX5	Instrumnet Name :	P8
Client Sample ID :	3139DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:27:04	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4637	4554	4804	4665	2.73	cps
Ytterbium	172-1	170	137	183	163	14.72	cps
Ytterbium	172-2	83	87	73	81	8.56	cps
Ytterbium	176-1	3957	3831	3727	3838	3.00	cps
Ytterbium	176-2	843	923	827	864	5.98	cps
Yttrium	89-1	40983314	41146391	41026538	41052081	0.21	cps
Yttrium	89-2	2946323	2960007	2920471	2942267	0.68	cps
Zinc	66-2	440293	437780	437298	438457	0.37	cps
Zirconium	90-1	8436	12372	14614	11808	26.49	cps
Zirconium	91-1	1860	2584	3124	2522	25.13	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DLX5	Instrumnet Name :	P8
Client Sample ID :	3859DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:30:18	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72844	73746	72439	73010	0.92	cps
Antimony	121-1	31627	32318	30922	31622	2.21	cps
Arsenic	75-2	27918	29344	29564	28942	3.09	cps
Barium	135-1	172253	176324	174950	174509	1.19	cps
Barium	137-1	295426	304948	305844	302073	1.91	cps
Beryllium	9-1	224	196	209	210	6.57	cps
Bismuth	209-1	17102199	16871611	17096101	17023304	0.77	cps
Bismuth	209-2	6718153	7127027	6909925	6918368	2.96	cps
Bromine	81-1	1666779	1915013	2077332	1886375	10.96	cps
Cadmium	108-1	173021	171557	165942	170173	2.20	cps
Cadmium	106-1	17314	16330	16820	16821	2.93	cps
Cadmium	111-1	89199	86347	87470	87672	1.64	cps
Calcium	43-1	71731	71403	71915	71683	0.36	cps
Calcium	44-1	2843589	2948566	2978537	2923564	2.42	cps
Carbon	12-1						cps
Carbon	12-2	95159722	96156069	96852499	96056096	0.89	cps
Chlorine	35-1	952162	1036196	1150877	1046412	9.53	cps
Chlorine	35-2	4464	4804	4587	4619	3.73	cps
Chromium	52-2	16433	16480	16707	16540	0.89	cps
Cobalt	59-2	2874	2914	2917	2901	0.83	cps
Copper	63-2	1162177	1165750	1168445	1165457	0.27	cps
Dysprosium	156-1	127	120	107	118	8.65	cps
Dysprosium	156-2	37	17	40	31	40.56	cps
Erbium	164-1	267	253	250	257	3.44	cps
Erbium	164-2	70	57	83	70	19.04	cps
Gadolinium	160-1	367	303	353	341	9.79	cps
Gadolinium	160-2	103	107	90	100	8.82	cps
Holmium	165-1	28619226	28513934	29421292	28851484	1.72	cps
Holmium	165-2	9867958	10518233	10178780	10188324	3.19	cps
Indium	115-1	23926323	23417343	23727609	23690425	1.08	cps
Indium	115-2	2389758	2532589	2479422	2467256	2.93	cps
Iron	54-2	15842	16253	16503	16199	2.06	cps
Iron	56-2	283036	285553	290588	286392	1.34	cps
Iron	57-2	6982	6932	7372	7095	3.40	cps
Krypton	83-1	303	237	250	263	13.40	cps
Lead	206-1	71904	71496	68848	70749	2.35	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DLX5	Instrumnet Name :	P8
Client Sample ID :	3859DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:30:18	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	60414	59888	59556	59952	0.72	cps
Lead	208-1	280680	278168	272449	277099	1.52	cps
Lithium	6-1	6958426	6958290	7273276	7063331	2.57	cps
Magnesium	24-2	117845	118937	121656	119479	1.64	cps
Manganese	55-2	491584	491930	500799	494771	1.06	cps
Molybdenum	94-1	358474355	367075901	374763714	366771323	2.22	cps
Molybdenum	95-1	644959777	651392497	661370363	652574213	1.27	cps
Molybdenum	96-1	677580257	695092416	709012336	693895003	2.27	cps
Molybdenum	97-1	391053794	402779367	399697341	397843501	1.53	cps
Molybdenum	98-1	1018670865	1054539051	1071683104	1048297673	2.58	cps
Neodymium	150-1	140	180	117	146	22.00	cps
Neodymium	150-2	40	23	20	28	38.58	cps
Nickel	60-2	5051	5268	5151	5157	2.10	cps
Phosphorus	31-2	38377	39373	40149	39300	2.26	cps
Potassium	39-2	233337423	235422216	240157023	236305554	1.48	cps
Rhodium	103-1	22275573	21816243	22373642	22155153	1.34	cps
Rhodium	103-2	8377963	8766332	8691228	8611841	2.39	cps
Scandium	45-1	15854887	15658864	15898941	15804231	0.81	cps
Scandium	45-2	270220	286661	285125	280669	3.24	cps
Selenium	82-1	10918	12973	14668	12853	14.61	cps
Selenium	77-2	243	253	220	239	7.16	cps
Selenium	78-2	763	777	777	772	1.00	cps
Silicon	28-1	99510469	101960508	102797422	101422800	1.68	cps
Silver	107-1	3877	4257	4214	4116	5.06	cps
Silver	109-1	4504	4704	4401	4536	3.40	cps
Sodium	23-2	219202510	221809150	223915063	221642241	1.07	cps
Strontium	86-1	181376	186698	185273	184449	1.49	cps
Strontium	88-1	1725555	1802764	1820848	1783056	2.84	cps
Sulfur	34-1	1207269	1216825	1204125	1209406	0.55	cps
Terbium	159-1	29886768	29567474	30415654	29956632	1.43	cps
Terbium	159-2	9335289	10196786	10013570	9848549	4.61	cps
Thallium	203-1	9564	7539	6505	7869	19.77	cps
Thallium	205-1	22223	17061	14625	17970	21.59	cps
Tin	118-1	34360	35215	36037	35204	2.38	cps
Titanium	47-1	27049	27042	26358	26816	1.48	cps
Uranium	238-1	1570	1617	1453	1547	5.44	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DLX5	Instrumnet Name :	P8
Client Sample ID :	3859DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:30:18	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10177	10451	10254	10294	1.37	cps
Ytterbium	172-1	217	203	177	199	10.24	cps
Ytterbium	172-2	80	113	97	97	17.24	cps
Ytterbium	176-1	4604	4401	4471	4492	2.30	cps
Ytterbium	176-2	947	1007	1120	1024	8.59	cps
Yttrium	89-1	44507186	43723803	44858954	44363314	1.31	cps
Yttrium	89-2	3256112	3333867	3278035	3289338	1.22	cps
Zinc	66-2	257992	258057	258490	258180	0.10	cps
Zirconium	90-1	36442	31559	32793	33598	7.56	cps
Zirconium	91-1	8109	6975	7132	7405	8.30	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	PB168037BL	Instrumnet Name :	P8
Client Sample ID :	PB168037BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:37:04	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170	157	180	169	6.93	cps
Antimony	121-1	340	310	257	302	13.97	cps
Arsenic	75-2	123	117	77	106	23.91	cps
Barium	135-1	167	133	160	153	11.50	cps
Barium	137-1	267	257	267	263	2.19	cps
Beryllium	9-1	147	159	149	152	4.07	cps
Bismuth	209-1	15543086	15425525	15684687	15551099	0.83	cps
Bismuth	209-2	6687798	6490467	6655156	6611140	1.60	cps
Bromine	81-1	61825	60677	58190	60231	3.09	cps
Cadmium	108-1	73	60	63	66	10.58	cps
Cadmium	106-1	13991	13897	14551	14146	2.50	cps
Cadmium	111-1	9795	9733	10181	9903	2.45	cps
Calcium	43-1	1377	1337	1337	1350	1.71	cps
Calcium	44-1	56311	56023	56893	56409	0.79	cps
Carbon	12-1	95377962	91953875	89130915	92154251	3.39	cps
Carbon	12-2	530165	510906	502389	514487	2.77	cps
Chlorine	35-1	284973	280045	279633	281550	1.06	cps
Chlorine	35-2	1023	1123	943	1030	8.76	cps
Chromium	52-2	1213	1090	1173	1159	5.43	cps
Cobalt	59-2	100	100	93	98	3.94	cps
Copper	63-2	3547	3507	3274	3443	4.29	cps
Dysprosium	156-1	37	47	23	36	32.93	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	153	157	207	172	17.35	cps
Erbium	164-2	70	73	63	69	7.39	cps
Gadolinium	160-1	237	247	243	242	2.10	cps
Gadolinium	160-2	40	50	43	44	11.46	cps
Holmium	165-1	25990344	25674336	26098317	25920999	0.85	cps
Holmium	165-2	9369945	9215578	9237337	9274287	0.90	cps
Indium	115-1	22145726	22267160	22930045	22447644	1.88	cps
Indium	115-2	2419873	2371052	2399747	2396891	1.02	cps
Iron	54-2	790	820	770	793	3.17	cps
Iron	56-2	9256	9537	15972	11588	32.78	cps
Iron	57-2	247	237	273	252	7.52	cps
Krypton	83-1	267	243	320	277	14.21	cps
Lead	206-1	1683	1550	1600	1611	4.18	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	PB168037BL	Instrumnet Name :	P8
Client Sample ID :	PB168037BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:37:04	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1397	1297	1493	1396	7.05	cps
Lead	208-1	6514	6181	6751	6482	4.42	cps
Lithium	6-1	6372963	6346316	6435073	6384784	0.71	cps
Magnesium	24-2	687	787	780	751	7.44	cps
Manganese	55-2	2824	2747	2867	2813	2.16	cps
Molybdenum	94-1	3287	2860	2857	3001	8.24	cps
Molybdenum	95-1	4157	3791	3694	3881	6.30	cps
Molybdenum	96-1	4594	4007	3901	4167	8.96	cps
Molybdenum	97-1	2527	2074	2084	2228	11.62	cps
Molybdenum	98-1	6298	5464	5248	5670	9.78	cps
Neodymium	150-1	27	20	23	23	14.29	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	550	590	547	562	4.29	cps
Phosphorus	31-2	80	107	83	90	16.15	cps
Potassium	39-2	39156	37649	37880	38228	2.12	cps
Rhodium	103-1	20386625	20600857	20916460	20634647	1.29	cps
Rhodium	103-2	8216744	8289048	8151564	8219119	0.84	cps
Scandium	45-1	14496537	14312584	14439164	14416095	0.65	cps
Scandium	45-2	262881	265552	266672	265035	0.73	cps
Selenium	82-1	237	173	153	188	23.17	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	13	27	27	22	34.66	cps
Silicon	28-1	1040830	999415	1034420	1024888	2.18	cps
Silver	107-1	443	430	447	440	2.00	cps
Silver	109-1	283	277	233	264	10.27	cps
Sodium	23-2	66099	64508	63966	64858	1.71	cps
Strontium	86-1	500	590	517	536	8.94	cps
Strontium	88-1	643	800	680	708	11.58	cps
Sulfur	34-1	531520	540686	550332	540846	1.74	cps
Terbium	159-1	26737700	26763267	27169652	26890207	0.90	cps
Terbium	159-2	8996961	8969497	8988877	8985112	0.16	cps
Thallium	203-1	517	470	447	478	7.46	cps
Thallium	205-1	1250	1050	1143	1148	8.72	cps
Tin	118-1	4221	4371	4234	4275	1.94	cps
Titanium	47-1	337	293	337	322	7.76	cps
Uranium	238-1	120	93	110	108	12.50	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	PB168037BL	Instrumnet Name :	P8
Client Sample ID :	PB168037BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:37:04	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	10	20	17	34.64	cps
Ytterbium	172-1	143	170	157	157	8.51	cps
Ytterbium	172-2	73	80	63	72	11.62	cps
Ytterbium	176-1	3887	3507	3457	3617	6.50	cps
Ytterbium	176-2	823	833	760	806	4.94	cps
Yttrium	89-1	40536944	40343460	41210680	40697028	1.12	cps
Yttrium	89-2	3022664	3022081	3037911	3027552	0.30	cps
Zinc	66-2	1053	890	900	948	9.66	cps
Zirconium	90-1	2850	2844	2757	2817	1.85	cps
Zirconium	91-1	537	713	487	579	20.57	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	PB168037BS	Instrumnet Name :	P8
Client Sample ID :	PB168037BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:40:24	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1011077	1007564	1004500	1007714	0.33	cps
Antimony	121-1	15949469	16065490	15906233	15973731	0.52	cps
Arsenic	75-2	302124	299265	300026	300472	0.49	cps
Barium	135-1	19432636	19420248	19405674	19419519	0.07	cps
Barium	137-1	32959099	33222985	33808529	33330204	1.30	cps
Beryllium	9-1	3294555	3276663	3206660	3259292	1.43	cps
Bismuth	209-1	14808247	14820874	14575901	14735008	0.94	cps
Bismuth	209-2	6234633	6168836	6124860	6176110	0.89	cps
Bromine	81-1	48892	48189	47574	48218	1.37	cps
Cadmium	108-1	290824	295732	296125	294227	1.00	cps
Cadmium	106-1	427616	435630	434302	432516	0.99	cps
Cadmium	111-1	3928063	3945145	3950406	3941205	0.30	cps
Calcium	43-1	4972548	4974755	5124664	5023989	1.74	cps
Calcium	44-1	80317150	81746259	83960372	82007927	2.24	cps
Carbon	12-1	63255034	61688081	59921512	61621542	2.71	cps
Carbon	12-2	378763	371814	368080	372886	1.45	cps
Chlorine	35-1	309998	310082	306829	308970	0.60	cps
Chlorine	35-2	1200	1177	1170	1182	1.33	cps
Chromium	52-2	3279013	3305152	3282836	3289000	0.43	cps
Cobalt	59-2	6066088	5982191	6039890	6029390	0.71	cps
Copper	63-2	46899469	46666634	46659786	46741963	0.29	cps
Dysprosium	156-1	510	437	483	477	7.79	cps
Dysprosium	156-2	107	80	67	84	24.12	cps
Erbium	164-1	477	470	403	450	9.01	cps
Erbium	164-2	157	140	123	140	11.90	cps
Gadolinium	160-1	413	447	457	439	5.17	cps
Gadolinium	160-2	123	140	130	131	6.40	cps
Holmium	165-1	25376952	25497655	25769545	25548051	0.79	cps
Holmium	165-2	9119969	9052880	9010469	9061106	0.61	cps
Indium	115-1	21187470	21226459	21350533	21254821	0.40	cps
Indium	115-2	2204803	2185866	2198038	2196236	0.44	cps
Iron	54-2	6578996	6531992	6622228	6577738	0.69	cps
Iron	56-2	119459502	119046392	120666578	119724157	0.70	cps
Iron	57-2	3058523	3023570	3114943	3065679	1.50	cps
Krypton	83-1	297	337	303	312	6.86	cps
Lead	206-1	55695384	56678069	57332902	56568785	1.46	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	PB168037BS	Instrumnet Name :	P8
Client Sample ID :	PB168037BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:40:24	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	47646758	48477156	48435876	48186597	0.97	cps
Lead	208-1	220812247	223873090	222924627	222536654	0.70	cps
Lithium	6-1	6267293	6213498	6169375	6216722	0.79	cps
Magnesium	24-2	18416816	18451773	18268916	18379168	0.53	cps
Manganese	55-2	13804781	13700557	13814008	13773116	0.46	cps
Molybdenum	94-1	55804623	56239526	56995352	56346500	1.07	cps
Molybdenum	95-1	81554597	81862717	81336387	81584567	0.32	cps
Molybdenum	96-1	88437262	88976592	88004932	88472929	0.55	cps
Molybdenum	97-1	49695519	50237396	50588703	50173873	0.90	cps
Molybdenum	98-1	129060535	131535125	131416838	130670832	1.07	cps
Neodymium	150-1	1537	1517	1540	1531	0.82	cps
Neodymium	150-2	113	90	60	88	30.46	cps
Nickel	60-2	1709794	1696688	1707649	1704710	0.41	cps
Phosphorus	31-2	49722	48741	49300	49254	1.00	cps
Potassium	39-2	6146460	6003438	6167310	6105736	1.46	cps
Rhodium	103-1	19437868	19554568	19559956	19517464	0.35	cps
Rhodium	103-2	7567478	7598895	7598055	7588143	0.24	cps
Scandium	45-1	14161612	14117404	14228713	14169243	0.40	cps
Scandium	45-2	260521	256168	256532	257741	0.94	cps
Selenium	82-1	228084	227045	228475	227868	0.32	cps
Selenium	77-2	3904	3881	3974	3919	1.24	cps
Selenium	78-2	13270	13086	13150	13168	0.71	cps
Silicon	28-1	75924691	76251766	73912876	75363111	1.68	cps
Silver	107-1	20199340	20287348	19922575	20136421	0.95	cps
Silver	109-1	19265113	19131643	18973844	19123534	0.76	cps
Sodium	23-2	36466344	36311928	36250070	36342781	0.31	cps
Strontium	86-1	5249962	5319067	5414960	5327996	1.56	cps
Strontium	88-1	46137314	46260234	45998839	46132129	0.28	cps
Sulfur	34-1	1785543	1754526	1753998	1764689	1.02	cps
Terbium	159-1	26504880	26450245	26474435	26476520	0.10	cps
Terbium	159-2	8763544	8800734	8815717	8793332	0.31	cps
Thallium	203-1	13744268	13850305	14011813	13868795	0.97	cps
Thallium	205-1	32603266	33109438	32940500	32884401	0.78	cps
Tin	118-1	12994370	13053397	13020441	13022736	0.23	cps
Titanium	47-1	22389927	22715670	23008327	22704642	1.36	cps
Uranium	238-1	42514917	42873900	42600391	42663069	0.44	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	PB168037BS	Instrumnet Name :	P8
Client Sample ID :	PB168037BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 17:40:24	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2459469	2475256	2483743	2472823	0.50	cps
Ytterbium	172-1	460	453	450	454	1.12	cps
Ytterbium	172-2	153	177	147	159	9.91	cps
Ytterbium	176-1	64292	65451	66566	65436	1.74	cps
Ytterbium	176-2	22649	22843	23137	22877	1.07	cps
Yttrium	89-1	39665992	39845412	40067016	39859473	0.50	cps
Yttrium	89-2	2956477	2906738	2940014	2934410	0.86	cps
Zinc	66-2	5176644	5146890	5152220	5158585	0.31	cps
Zirconium	90-1	27992189	28321659	28796361	28370070	1.42	cps
Zirconium	91-1	6285724	6349965	6280085	6305258	0.62	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	3859DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:43:05	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78306	79412	78755	78824	0.71	cps
Antimony	121-1	36509	35416	35523	35816	1.68	cps
Arsenic	75-2	35368	36871	36898	36379	2.41	cps
Barium	135-1	178506	183920	186461	182962	2.22	cps
Barium	137-1	307256	315780	317650	313562	1.77	cps
Beryllium	9-1	542	492	445	493	9.88	cps
Bismuth	209-1	16808267	16680074	17009381	16832574	0.99	cps
Bismuth	209-2	6926917	6998686	7070928	6998844	1.03	cps
Bromine	81-1	1826188	2131820	2261094	2073034	10.77	cps
Cadmium	108-1	169887	174740	176096	173574	1.88	cps
Cadmium	106-1	17218	17111	17605	17311	1.50	cps
Cadmium	111-1	88790	89883	89726	89466	0.66	cps
Calcium	43-1	74609	75681	77309	75866	1.79	cps
Calcium	44-1	3016209	3184512	3285709	3162143	4.31	cps
Carbon	12-1						cps
Carbon	12-2	105067512	104835095	104417408	104773338	0.31	cps
Chlorine	35-1	797257	899806	956726	884596	9.14	cps
Chlorine	35-2	4157	4221	4377	4252	2.66	cps
Chromium	52-2	17080	17471	17521	17357	1.39	cps
Cobalt	59-2	2984	3084	3307	3125	5.30	cps
Copper	63-2	1256524	1241539	1247707	1248590	0.60	cps
Dysprosium	156-1	103	97	103	101	3.81	cps
Dysprosium	156-2	27	50	27	34	39.10	cps
Erbium	164-1	217	273	260	250	11.85	cps
Erbium	164-2	60	97	63	73	27.65	cps
Gadolinium	160-1	350	317	417	361	14.10	cps
Gadolinium	160-2	93	117	80	97	19.20	cps
Holmium	165-1	29107803	28728212	29715519	29183845	1.71	cps
Holmium	165-2	10310760	10418874	10538625	10422753	1.09	cps
Indium	115-1	23819280	23909782	24279955	24003006	1.02	cps
Indium	115-2	2535735	2600150	2657125	2597670	2.34	cps
Iron	54-2	16656	16543	16757	16652	0.64	cps
Iron	56-2	293545	292633	293524	293234	0.18	cps
Iron	57-2	7279	7375	7152	7269	1.54	cps
Krypton	83-1	303	253	257	271	10.31	cps
Lead	206-1	73131	73899	71781	72937	1.47	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	3859DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:43:05	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	63186	61592	60671	61817	2.06	cps
Lead	208-1	289836	285873	283721	286477	1.08	cps
Lithium	6-1	7132195	7237489	7370120	7246601	1.65	cps
Magnesium	24-2	129236	131372	129532	130047	0.89	cps
Manganese	55-2	594024	587585	588390	590000	0.59	cps
Molybdenum	94-1	377985088	390004754	397526927	388505590	2.54	cps
Molybdenum	95-1	663632977	689314523	706504229	686483910	3.14	cps
Molybdenum	96-1	707948496	738865482	753905189	733573056	3.19	cps
Molybdenum	97-1	408312047	428998540	429624714	422311767	2.87	cps
Molybdenum	98-1	1073422731	1112157850	1126856117	1104145566	2.50	cps
Neodymium	150-1	163	180	167	170	5.19	cps
Neodymium	150-2	27	40	13	27	50.01	cps
Nickel	60-2	5571	5214	5414	5400	3.31	cps
Phosphorus	31-2	44247	44167	43879	44098	0.44	cps
Potassium	39-2	261052989	259082563	257722189	259285914	0.65	cps
Rhodium	103-1	21929712	22115441	22710153	22251769	1.83	cps
Rhodium	103-2	8694203	8853374	9106954	8884844	2.34	cps
Scandium	45-1	16243886	15893328	16439011	16192075	1.71	cps
Scandium	45-2	288317	296743	301051	295371	2.19	cps
Selenium	82-1	22355	21380	20031	21256	5.49	cps
Selenium	77-2	273	187	293	251	22.58	cps
Selenium	78-2	1083	893	833	937	13.93	cps
Silicon	28-1	104134498	109735632	112226542	108698891	3.81	cps
Silver	107-1	5708	5701	5434	5615	2.78	cps
Silver	109-1	6425	5815	6325	6188	5.29	cps
Sodium	23-2	239317356	241735136	242988203	241346899	0.77	cps
Strontium	86-1	190981	192606	196362	193316	1.43	cps
Strontium	88-1	1813269	1889539	1926638	1876482	3.08	cps
Sulfur	34-1	1221211	1254896	1253231	1243113	1.53	cps
Terbium	159-1	29874525	30269815	30173947	30106096	0.68	cps
Terbium	159-2	9992530	10068408	10344581	10135173	1.83	cps
Thallium	203-1	7282	5961	5264	6169	16.61	cps
Thallium	205-1	17148	14024	12182	14452	17.37	cps
Tin	118-1	34904	36408	36492	35935	2.49	cps
Titanium	47-1	28218	28762	29721	28900	2.63	cps
Uranium	238-1	3050	2697	2627	2791	8.13	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	3859DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:43:05	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11358	11355	11138	11283	1.12	cps
Ytterbium	172-1	180	230	223	211	12.86	cps
Ytterbium	172-2	117	127	117	120	4.81	cps
Ytterbium	176-1	4494	4274	4541	4436	3.21	cps
Ytterbium	176-2	937	953	953	948	1.02	cps
Yttrium	89-1	45210033	44561449	46222446	45331309	1.85	cps
Yttrium	89-2	3370473	3405480	3486082	3420678	1.73	cps
Zinc	66-2	281678	277108	280306	279697	0.84	cps
Zirconium	90-1	16357	15759	16333	16150	2.10	cps
Zirconium	91-1	3737	3784	3597	3706	2.62	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	3859LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 17:46:23	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13530	13977	13877	13794	1.70	cps
Antimony	121-1	5711	5895	5788	5798	1.59	cps
Arsenic	75-2	3554	3624	3400	3526	3.24	cps
Barium	135-1	34013	33822	34798	34211	1.51	cps
Barium	137-1	58720	59393	59222	59112	0.59	cps
Beryllium	9-1	241	241	271	251	6.89	cps
Bismuth	209-1	15760441	15767184	15694869	15740832	0.25	cps
Bismuth	209-2	6514141	6556224	6538346	6536237	0.32	cps
Bromine	81-1	472485	488429	491343	484085	2.10	cps
Cadmium	108-1	30176	30464	31275	30639	1.86	cps
Cadmium	106-1	14511	14271	14494	14425	0.93	cps
Cadmium	111-1	23300	23766	23529	23532	0.99	cps
Calcium	43-1	14761	15395	15375	15177	2.37	cps
Calcium	44-1	604254	612505	616700	611153	1.04	cps
Carbon	12-1	2884318997	2906590570	2899650943	2896853504	0.39	cps
Carbon	12-2	16865406	16926889	16911744	16901347	0.19	cps
Chlorine	35-1	434738	434663	431798	433733	0.39	cps
Chlorine	35-2	1633	1833	1703	1723	5.89	cps
Chromium	52-2	4191	3851	4074	4038	4.28	cps
Cobalt	59-2	703	683	627	671	5.93	cps
Copper	63-2	223047	221637	220397	221694	0.60	cps
Dysprosium	156-1	43	43	37	41	9.35	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	160	163	170	164	3.10	cps
Erbium	164-2	53	57	47	52	9.75	cps
Gadolinium	160-1	300	187	290	259	24.24	cps
Gadolinium	160-2	40	63	37	47	31.13	cps
Holmium	165-1	26435225	27130344	27377405	26980991	1.81	cps
Holmium	165-2	9644821	9671032	9667357	9661070	0.15	cps
Indium	115-1	22806905	22571962	23004537	22794468	0.95	cps
Indium	115-2	2376366	2333081	2361133	2356860	0.93	cps
Iron	54-2	3667	3340	3414	3474	4.94	cps
Iron	56-2	59286	58787	59172	59082	0.44	cps
Iron	57-2	1450	1390	1430	1423	2.15	cps
Krypton	83-1	290	333	343	322	8.80	cps
Lead	206-1	14628	14902	15142	14891	1.73	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	3859LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 17:46:23	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12750	12286	12923	12653	2.60	cps
Lead	208-1	57894	57537	59567	58333	1.86	cps
Lithium	6-1	6745343	6742140	6793306	6760263	0.42	cps
Magnesium	24-2	23052	23285	23626	23321	1.24	cps
Manganese	55-2	93819	91997	93379	93065	1.02	cps
Molybdenum	94-1	67361201	68935887	67809601	68035563	1.19	cps
Molybdenum	95-1	119408502	121060995	117840468	119436655	1.35	cps
Molybdenum	96-1	128188355	130179531	126199728	128189205	1.55	cps
Molybdenum	97-1	74270512	74015906	73770569	74018996	0.34	cps
Molybdenum	98-1	193913310	195224410	193716964	194284895	0.42	cps
Neodymium	150-1	93	67	43	68	36.91	cps
Neodymium	150-2	7	0	20	9	114.55	cps
Nickel	60-2	1367	1490	1433	1430	4.32	cps
Phosphorus	31-2	4141	4057	4217	4138	1.93	cps
Potassium	39-2	45500869	45032664	45482368	45338634	0.58	cps
Rhodium	103-1	21156639	20865679	21106153	21042824	0.74	cps
Rhodium	103-2	8221365	7992078	8083811	8099085	1.42	cps
Scandium	45-1	14983766	14992299	14988089	14988051	0.03	cps
Scandium	45-2	261671	261896	265662	263076	0.85	cps
Selenium	82-1	2434	2627	2377	2479	5.29	cps
Selenium	77-2	27	53	43	41	32.76	cps
Selenium	78-2	163	177	150	163	8.16	cps
Silicon	28-1	21896901	21943268	21903391	21914520	0.11	cps
Silver	107-1	1353	1383	1343	1360	1.53	cps
Silver	109-1	1203	1257	1200	1220	2.61	cps
Sodium	23-2	41963152	41896027	42446246	42101808	0.71	cps
Strontium	86-1	35542	35478	35839	35620	0.54	cps
Strontium	88-1	307441	309219	308327	308329	0.29	cps
Sulfur	34-1	633869	634688	636307	634955	0.20	cps
Terbium	159-1	28112523	28248841	27947444	28102936	0.54	cps
Terbium	159-2	9348246	9260817	9278080	9295715	0.50	cps
Thallium	203-1	1877	1653	1483	1671	11.81	cps
Thallium	205-1	4317	3884	3484	3895	10.70	cps
Tin	118-1	10261	10057	10174	10164	1.00	cps
Titanium	47-1	3861	4024	4207	4031	4.30	cps
Uranium	238-1	547	517	497	520	4.84	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	3859LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 17:46:23	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1963	1990	1997	1983	0.89	cps
Ytterbium	172-1	177	197	160	178	10.33	cps
Ytterbium	172-2	53	80	53	62	24.75	cps
Ytterbium	176-1	4097	3864	3761	3907	4.42	cps
Ytterbium	176-2	850	807	830	829	2.62	cps
Yttrium	89-1	42030215	41670966	41935633	41878938	0.44	cps
Yttrium	89-2	3095391	3006084	3060301	3053925	1.47	cps
Zinc	66-2	43540	43567	43767	43625	0.28	cps
Zirconium	90-1	14371	16760	16613	15915	8.41	cps
Zirconium	91-1	3164	3657	3604	3475	7.79	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	3859MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:49:39	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	321844	329284	326315	325814	1.15	cps
Antimony	121-1	4628679	4837568	5016409	4827552	4.02	cps
Arsenic	75-2	51825	53859	54993	53559	3.00	cps
Barium	135-1	4052283	4118397	4270543	4147074	2.70	cps
Barium	137-1	6951897	7100518	7349870	7134095	2.82	cps
Beryllium	9-1	858729	881766	907704	882733	2.78	cps
Bismuth	209-1	16739236	17429161	17013369	17060588	2.04	cps
Bismuth	209-2	7113406	7200885	7316118	7210136	1.41	cps
Bromine	81-1	1806673	2050123	2275007	2043935	11.46	cps
Cadmium	108-1	229947	237677	244099	237241	2.99	cps
Cadmium	106-1	112924	115186	117999	115369	2.20	cps
Cadmium	111-1	921488	954411	982429	952776	3.20	cps
Calcium	43-1	1260696	1284130	1358950	1301258	3.94	cps
Calcium	44-1	22130151	22788584	23600075	22839604	3.22	cps
Carbon	12-1						cps
Carbon	12-2	106186498	107082552	108051712	107106921	0.87	cps
Chlorine	35-1	19637609	22079811	23521715	21746378	9.03	cps
Chlorine	35-2	99734	101647	105072	102151	2.65	cps
Chromium	52-2	737786	739634	740061	739160	0.16	cps
Cobalt	59-2	1512944	1514368	1496729	1508014	0.65	cps
Copper	63-2	13334118	13280549	13419102	13344590	0.52	cps
Dysprosium	156-1	257	283	263	268	5.18	cps
Dysprosium	156-2	70	50	43	54	25.49	cps
Erbium	164-1	247	347	307	300	16.78	cps
Erbium	164-2	83	120	100	101	18.16	cps
Gadolinium	160-1	417	453	450	440	4.61	cps
Gadolinium	160-2	113	153	140	136	15.02	cps
Holmium	165-1	28572743	30259909	28712730	29181794	3.21	cps
Holmium	165-2	10739725	10611496	10922669	10757963	1.45	cps
Indium	115-1	23555044	24729330	24205966	24163447	2.43	cps
Indium	115-2	2732871	2632578	2706865	2690772	1.93	cps
Iron	54-2	1584685	1557820	1586010	1576172	1.01	cps
Iron	56-2	27981158	28287440	28375530	28214710	0.73	cps
Iron	57-2	644859	647801	654291	648983	0.74	cps
Krypton	83-1	270	250	337	286	15.89	cps
Lead	206-1	12470319	12551627	12843492	12621813	1.55	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	3859MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:49:39	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10554524	10813309	10988063	10785299	2.02	cps
Lead	208-1	49235323	50006611	51025106	50089013	1.79	cps
Lithium	6-1	7282301	7682570	7657363	7540745	2.97	cps
Magnesium	24-2	4847992	4848910	4901442	4866115	0.63	cps
Manganese	55-2	4300975	4338023	4397853	4345617	1.12	cps
Molybdenum	94-1	373070048	389383821	392114007	384855959	2.68	cps
Molybdenum	95-1	658098137	692498923	703380736	684659265	3.45	cps
Molybdenum	96-1	687659963	722475963	740164949	716766958	3.73	cps
Molybdenum	97-1	410443554	422318820	432341807	421701394	2.60	cps
Molybdenum	98-1	1069685024	1074215211	1113246490	1085715575	2.21	cps
Neodymium	150-1	463	503	523	497	6.15	cps
Neodymium	150-2	53	40	43	46	15.23	cps
Nickel	60-2	393883	395407	396620	395304	0.35	cps
Phosphorus	31-2	45759	47146	46872	46592	1.58	cps
Potassium	39-2	267169496	268033149	270172349	268458332	0.58	cps
Rhodium	103-1	22640620	23407558	22731581	22926586	1.83	cps
Rhodium	103-2	9209206	8910293	9070619	9063373	1.65	cps
Scandium	45-1	16471207	17531824	16909019	16970683	3.14	cps
Scandium	45-2	310481	306317	314993	310597	1.40	cps
Selenium	82-1	195878	204552	212709	204379	4.12	cps
Selenium	77-2	3931	3707	3851	3829	2.96	cps
Selenium	78-2	13386	12949	13513	13283	2.23	cps
Silicon	28-1	104836825	108858118	111730332	108475092	3.19	cps
Silver	107-1	658426	680298	698069	678931	2.92	cps
Silver	109-1	625356	655419	671353	650709	3.59	cps
Sodium	23-2	256964396	258484483	256887890	257445589	0.35	cps
Strontium	86-1	1668192	1717158	1726339	1703896	1.83	cps
Strontium	88-1	14250591	14478478	14824379	14517816	1.99	cps
Sulfur	34-1	1219690	1259468	1282139	1253766	2.52	cps
Terbium	159-1	29857210	31455661	30114475	30475782	2.82	cps
Terbium	159-2	10429656	10227444	10525789	10394296	1.47	cps
Thallium	203-1	2952980	3066405	3129890	3049758	2.94	cps
Thallium	205-1	7035613	7108468	7301742	7148608	1.92	cps
Tin	118-1	2633122	2724165	2803069	2720119	3.13	cps
Titanium	47-1	30379	31541	32073	31331	2.76	cps
Uranium	238-1	9515411	9516513	9888128	9640017	2.23	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	3859MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:49:39	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	588078	594209	591287	591191	0.52	cps
Ytterbium	172-1	340	417	263	340	22.55	cps
Ytterbium	172-2	170	143	93	136	28.71	cps
Ytterbium	176-1	18573	18944	18817	18778	1.00	cps
Ytterbium	176-2	6315	6272	6512	6366	2.01	cps
Yttrium	89-1	44980974	47810224	45758276	46183158	3.16	cps
Yttrium	89-2	3587275	3520040	3559608	3555641	0.95	cps
Zinc	66-2	2274595	2282857	2262832	2273428	0.44	cps
Zirconium	90-1	6478755	6762475	6829308	6690179	2.78	cps
Zirconium	91-1	1444860	1505990	1508404	1486418	2.42	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	3859MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:52:38	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	338460	330342	330173	332991	1.42	cps
Antimony	121-1	4825236	4878707	5000149	4901364	1.83	cps
Arsenic	75-2	57413	57068	58973	57818	1.76	cps
Barium	135-1	4311452	4392912	4459151	4387838	1.69	cps
Barium	137-1	7333883	7603769	7705461	7547704	2.54	cps
Beryllium	9-1	926648	1008887	1027503	987679	5.43	cps
Bismuth	209-1	16802033	17245226	18564507	17537255	5.23	cps
Bismuth	209-2	7452639	7300053	7065961	7272884	2.68	cps
Bromine	81-1	1998370	2265314	2420931	2228205	9.59	cps
Cadmium	108-1	249474	256991	255968	254144	1.60	cps
Cadmium	106-1	120298	122030	126635	122988	2.66	cps
Cadmium	111-1	998585	1033595	1037775	1023318	2.10	cps
Calcium	43-1	1368827	1403162	1445419	1405802	2.73	cps
Calcium	44-1	24257916	25242606	25363861	24954795	2.43	cps
Carbon	12-1						cps
Carbon	12-2	113514215	109982678	110062728	111186541	1.81	cps
Chlorine	35-1	22822482	25229350	26726076	24925970	7.90	cps
Chlorine	35-2	110367	105752	107673	107931	2.15	cps
Chromium	52-2	774278	748002	751645	757975	1.88	cps
Cobalt	59-2	1593989	1536175	1571055	1567073	1.86	cps
Copper	63-2	13900926	13449179	13705695	13685267	1.66	cps
Dysprosium	156-1	300	263	260	274	8.09	cps
Dysprosium	156-2	70	67	93	77	18.95	cps
Erbium	164-1	317	290	370	326	12.51	cps
Erbium	164-2	137	90	70	99	34.60	cps
Gadolinium	160-1	430	437	497	454	8.08	cps
Gadolinium	160-2	130	180	123	144	21.44	cps
Holmium	165-1	29721377	30745194	31978770	30815113	3.67	cps
Holmium	165-2	11117082	10682501	10557393	10785659	2.72	cps
Indium	115-1	24694267	25672304	26771300	25712623	4.04	cps
Indium	115-2	2829195	2749906	2607545	2728882	4.12	cps
Iron	54-2	1644363	1631093	1595647	1623701	1.55	cps
Iron	56-2	29810610	28702921	28972957	29162163	1.98	cps
Iron	57-2	678476	648377	658111	661655	2.32	cps
Krypton	83-1	327	300	280	302	7.75	cps
Lead	206-1	13014192	13353803	13561429	13309808	2.08	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	3859MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:52:38	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11306214	11559980	11749828	11538674	1.93	cps
Lead	208-1	51781368	53030910	54511612	53107963	2.57	cps
Lithium	6-1	7581856	7859688	8275399	7905648	4.42	cps
Magnesium	24-2	5128752	5045136	5101287	5091725	0.84	cps
Manganese	55-2	4629795	4476736	4450937	4519156	2.14	cps
Molybdenum	94-1	405719621	415204554	420827687	413917287	1.84	cps
Molybdenum	95-1	703636283	736023189	748067429	729242300	3.15	cps
Molybdenum	96-1	763667535	787353908	788315055	779778833	1.79	cps
Molybdenum	97-1	431361620	451776940	458837007	447325189	3.19	cps
Molybdenum	98-1	1158039743	1189701529	1207277769	1185006347	2.11	cps
Neodymium	150-1	477	480	543	500	7.51	cps
Neodymium	150-2	43	23	43	37	31.49	cps
Nickel	60-2	412041	396158	403110	403770	1.97	cps
Phosphorus	31-2	49916	46277	48528	48240	3.81	cps
Potassium	39-2	285360349	277727196	280980002	281355849	1.36	cps
Rhodium	103-1	22872577	23596208	25397703	23955496	5.43	cps
Rhodium	103-2	9524099	9313628	9041827	9293184	2.60	cps
Scandium	45-1	17352461	18072806	18945596	18123621	4.40	cps
Scandium	45-2	327046	317220	310650	318305	2.59	cps
Selenium	82-1	216829	222744	228522	222698	2.63	cps
Selenium	77-2	4297	3927	3914	4046	5.38	cps
Selenium	78-2	13784	13263	13283	13443	2.19	cps
Silicon	28-1	115175522	120788552	122785172	119583082	3.30	cps
Silver	107-1	710269	736168	739010	728482	2.17	cps
Silver	109-1	674345	696850	705159	692118	2.30	cps
Sodium	23-2	276296549	264764209	265995176	269018645	2.35	cps
Strontium	86-1	1742003	1823617	1824756	1796792	2.64	cps
Strontium	88-1	15303064	16125281	15904336	15777560	2.70	cps
Sulfur	34-1	1310581	1345167	1390012	1348586	2.95	cps
Terbium	159-1	30905955	31142205	33187454	31745205	3.95	cps
Terbium	159-2	10941163	10650025	10420075	10670421	2.45	cps
Thallium	203-1	3172011	3251954	3236493	3220153	1.32	cps
Thallium	205-1	7369519	7510696	7647301	7509172	1.85	cps
Tin	118-1	2862344	2859221	3003256	2908274	2.83	cps
Titanium	47-1	33295	34291	34829	34138	2.28	cps
Uranium	238-1	9970376	10209066	10407202	10195548	2.15	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	3859MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:52:38	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	621751	598863	603345	607986	2.00	cps
Ytterbium	172-1	320	393	327	347	11.70	cps
Ytterbium	172-2	147	157	147	150	3.85	cps
Ytterbium	176-1	19331	19414	19741	19496	1.11	cps
Ytterbium	176-2	6712	6252	6498	6487	3.55	cps
Yttrium	89-1	47400629	49650614	51234346	49428530	3.90	cps
Yttrium	89-2	3752607	3619835	3561040	3644494	2.69	cps
Zinc	66-2	2414154	2289377	2305056	2336196	2.91	cps
Zirconium	90-1	7006731	7147248	7218134	7124038	1.51	cps
Zirconium	91-1	1579313	1603894	1652014	1611740	2.29	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	3859ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:55:39	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	315837	315487	316248	315857	0.12	cps
Antimony	121-1	4540734	4509120	4602539	4550798	1.04	cps
Arsenic	75-2	53839	54976	54706	54507	1.09	cps
Barium	135-1	4224703	4132721	4162139	4173188	1.13	cps
Barium	137-1	7158850	6978168	7003427	7046815	1.39	cps
Beryllium	9-1	879705	883571	893853	885710	0.83	cps
Bismuth	209-1	17162591	16926551	17003655	17030933	0.71	cps
Bismuth	209-2	7194755	7208848	7247306	7216970	0.38	cps
Bromine	81-1	1948997	2144332	2254236	2115855	7.31	cps
Cadmium	108-1	235343	228287	234724	232784	1.68	cps
Cadmium	106-1	116342	115511	114537	115463	0.78	cps
Cadmium	111-1	943021	938417	956252	945897	0.98	cps
Calcium	43-1	1318602	1326771	1351501	1332291	1.29	cps
Calcium	44-1	23475680	23649441	23474268	23533130	0.43	cps
Carbon	12-1						cps
Carbon	12-2	105905382	105409178	107624772	106313111	1.09	cps
Chlorine	35-1	22438812	23947471	24835065	23740450	5.10	cps
Chlorine	35-2	104638	105105	106179	105307	0.75	cps
Chromium	52-2	712293	725230	732993	723505	1.45	cps
Cobalt	59-2	1503999	1506645	1494454	1501699	0.43	cps
Copper	63-2	12838428	13023564	13119825	12993939	1.10	cps
Dysprosium	156-1	230	307	253	263	14.92	cps
Dysprosium	156-2	53	67	63	61	11.36	cps
Erbium	164-1	300	310	350	320	8.27	cps
Erbium	164-2	103	103	87	98	9.84	cps
Gadolinium	160-1	437	447	393	426	6.66	cps
Gadolinium	160-2	103	153	100	119	25.13	cps
Holmium	165-1	30092150	29336807	29619556	29682838	1.29	cps
Holmium	165-2	11036860	10873109	10900891	10936953	0.80	cps
Indium	115-1	24997377	24749903	25306450	25017910	1.11	cps
Indium	115-2	2750394	2733354	2705770	2729839	0.82	cps
Iron	54-2	1543369	1579515	1567629	1563504	1.18	cps
Iron	56-2	27774039	28477130	28351310	28200826	1.33	cps
Iron	57-2	630171	634541	633690	632801	0.37	cps
Krypton	83-1	253	303	310	289	10.72	cps
Lead	206-1	12473880	12142119	12395268	12337089	1.41	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	3859ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:55:39	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10713872	10520484	10584596	10606317	0.93	cps
Lead	208-1	49815118	48276940	49274049	49122036	1.59	cps
Lithium	6-1	7824173	7835650	7730429	7796750	0.74	cps
Magnesium	24-2	4906667	4831615	4914645	4884309	0.94	cps
Manganese	55-2	4321008	4330630	4294055	4315231	0.44	cps
Molybdenum	94-1	386256808	383002768	392082261	387113945	1.19	cps
Molybdenum	95-1	680795163	676788883	676178683	677920910	0.37	cps
Molybdenum	96-1	730187856	721763189	732111402	728020816	0.76	cps
Molybdenum	97-1	418006780	415804660	421505980	418439140	0.69	cps
Molybdenum	98-1	1099958090	1091369930	1108414303	1099914108	0.77	cps
Neodymium	150-1	520	493	463	492	5.76	cps
Neodymium	150-2	47	63	20	43	50.44	cps
Nickel	60-2	382768	384058	386817	384548	0.54	cps
Phosphorus	31-2	43966	44953	44822	44580	1.20	cps
Potassium	39-2	269207156	266246503	272652389	269368683	1.19	cps
Rhodium	103-1	23435868	23000887	23123844	23186866	0.97	cps
Rhodium	103-2	9292117	9384724	9441345	9372729	0.80	cps
Scandium	45-1	17537129	17776701	17677420	17663750	0.68	cps
Scandium	45-2	325083	322260	321942	323095	0.54	cps
Selenium	82-1	199176	195512	201080	198589	1.43	cps
Selenium	77-2	3607	3811	3761	3726	2.84	cps
Selenium	78-2	12526	12649	12619	12598	0.51	cps
Silicon	28-1	110268018	111128958	113740858	111712612	1.62	cps
Silver	107-1	671135	672012	687409	676852	1.35	cps
Silver	109-1	639733	640814	645489	642012	0.48	cps
Sodium	23-2	254722216	254368563	259313476	256134752	1.08	cps
Strontium	86-1	1686934	1704984	1684006	1691975	0.67	cps
Strontium	88-1	14593055	14629885	14583861	14602267	0.17	cps
Sulfur	34-1	1308792	1295015	1305275	1303027	0.55	cps
Terbium	159-1	31317745	30580713	30725755	30874737	1.26	cps
Terbium	159-2	10665026	10583948	10554823	10601265	0.54	cps
Thallium	203-1	2986657	2938809	2991192	2972219	0.98	cps
Thallium	205-1	6948304	6911400	7052363	6970689	1.05	cps
Tin	118-1	2732293	2745550	2735860	2737901	0.25	cps
Titanium	47-1	31979	31027	30803	31270	2.00	cps
Uranium	238-1	9659924	9269845	9406760	9445510	2.10	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	3859ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-19 17:55:39	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	575339	578242	583024	578868	0.67	cps
Ytterbium	172-1	343	273	237	284	19.05	cps
Ytterbium	172-2	153	173	150	159	7.94	cps
Ytterbium	176-1	18767	17909	18673	18450	2.55	cps
Ytterbium	176-2	6135	5961	6365	6154	3.29	cps
Yttrium	89-1	47438869	48085566	47557284	47693907	0.72	cps
Yttrium	89-2	3652628	3696991	3639178	3662932	0.83	cps
Zinc	66-2	2168033	2229283	2228096	2208471	1.59	cps
Zirconium	90-1	6681779	6642477	6807277	6710511	1.28	cps
Zirconium	91-1	1511814	1501458	1521928	1511733	0.68	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:05:01	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5622530	5520831	5535290	5559550	0.99	cps
Antimony	121-1	15188101	15322053	15349881	15286678	0.57	cps
Arsenic	75-2	299632	297645	297539	298272	0.40	cps
Barium	135-1	18824843	18633921	18869534	18776099	0.67	cps
Barium	137-1	32109791	32369823	32565353	32348322	0.71	cps
Beryllium	9-1	3322090	3383668	3329562	3345107	1.00	cps
Bismuth	209-1	13460784	13426464	13393257	13426835	0.25	cps
Bismuth	209-2	5714962	5722236	5718372	5718523	0.06	cps
Bromine	81-1	59499	60429	58923	59617	1.27	cps
Cadmium	108-1	272400	273383	277731	274505	1.03	cps
Cadmium	106-1	405796	410967	406196	407653	0.71	cps
Cadmium	111-1	3719797	3738085	3695474	3717785	0.57	cps
Calcium	43-1	25434842	25206575	25374235	25338550	0.47	cps
Calcium	44-1	409936714	408216101	413556434	410569749	0.66	cps
Carbon	12-1	142877591	138364595	134682658	138641615	2.96	cps
Carbon	12-2	777616	774305	810883	787601	2.57	cps
Chlorine	35-1	664115	664680	667684	665493	0.29	cps
Chlorine	35-2	2760	2664	2770	2731	2.16	cps
Chromium	52-2	3286674	3239913	3317321	3281303	1.19	cps
Cobalt	59-2	5823400	5882090	5785672	5830388	0.83	cps
Copper	63-2	43764723	42863156	43325744	43317874	1.04	cps
Dysprosium	156-1	887	850	777	838	6.69	cps
Dysprosium	156-2	183	187	130	167	19.08	cps
Erbium	164-1	877	767	837	827	6.74	cps
Erbium	164-2	273	303	313	297	7.02	cps
Gadolinium	160-1	793	767	733	764	3.93	cps
Gadolinium	160-2	263	223	280	256	11.40	cps
Holmium	165-1	24691531	24719575	24776951	24729353	0.18	cps
Holmium	165-2	9009933	8752624	8975355	8912637	1.57	cps
Indium	115-1	20314607	20518837	20454967	20429470	0.51	cps
Indium	115-2	2137300	2155349	2140832	2144494	0.45	cps
Iron	54-2	32184913	32539391	32136005	32286770	0.68	cps
Iron	56-2	593666618	595857738	593526204	594350187	0.22	cps
Iron	57-2	15124078	14970492	14871813	14988794	0.85	cps
Krypton	83-1	387	350	377	371	5.11	cps
Lead	206-1	51476483	52159931	52855499	52163971	1.32	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:05:01	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	43946744	44287171	44694309	44309408	0.84	cps
Lead	208-1	203991829	204941910	206315794	205083178	0.57	cps
Lithium	6-1	6352023	6332137	6205120	6296426	1.27	cps
Magnesium	24-2	94982999	94947485	94712275	94880920	0.16	cps
Manganese	55-2	13731412	13755727	13768871	13752003	0.14	cps
Molybdenum	94-1	54780599	55667936	55768596	55405710	0.98	cps
Molybdenum	95-1	79775215	79950877	80151819	79959304	0.24	cps
Molybdenum	96-1	85688642	87698655	87109719	86832339	1.19	cps
Molybdenum	97-1	48751189	49764886	49715523	49410533	1.16	cps
Molybdenum	98-1	128367918	129835778	128644805	128949500	0.60	cps
Neodymium	150-1	1653	1627	1583	1621	2.18	cps
Neodymium	150-2	147	107	143	132	16.79	cps
Nickel	60-2	1635791	1624553	1593072	1617805	1.37	cps
Phosphorus	31-2	51076	50695	50849	50873	0.38	cps
Potassium	39-2	31894968	31781829	31479531	31718776	0.68	cps
Rhodium	103-1	18283255	18454266	18205154	18314225	0.70	cps
Rhodium	103-2	7149371	7134091	7092347	7125269	0.41	cps
Scandium	45-1	14394996	14382968	14435696	14404554	0.19	cps
Scandium	45-2	260938	258537	258842	259439	0.50	cps
Selenium	82-1	223002	224496	223686	223728	0.33	cps
Selenium	77-2	3921	3961	4111	3997	2.51	cps
Selenium	78-2	13447	13273	13430	13383	0.72	cps
Silicon	28-1	77878857	79524894	78454231	78619327	1.06	cps
Silver	107-1	18486293	18433835	18617675	18512601	0.51	cps
Silver	109-1	17514058	17324795	17539204	17459352	0.67	cps
Sodium	23-2	188036457	188631517	186914457	187860811	0.46	cps
Strontium	86-1	5236161	5259113	5224984	5240086	0.33	cps
Strontium	88-1	45400071	45825023	45333771	45519622	0.59	cps
Sulfur	34-1	1848809	1851912	1848281	1849667	0.11	cps
Terbium	159-1	25394955	25598165	25677985	25557035	0.57	cps
Terbium	159-2	8629143	8709783	8735240	8691389	0.64	cps
Thallium	203-1	12757980	12747523	12987332	12830945	1.06	cps
Thallium	205-1	30125114	30372859	30849946	30449306	1.21	cps
Tin	118-1	12347506	12588511	12653856	12529958	1.29	cps
Titanium	47-1	22584000	23045096	22810165	22813087	1.01	cps
Uranium	238-1	40507899	40994794	40559337	40687344	0.66	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:05:01	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2531135	2544385	2533865	2536462	0.28	cps
Ytterbium	172-1	1133	1127	1193	1151	3.19	cps
Ytterbium	172-2	453	473	457	461	2.32	cps
Ytterbium	176-1	62728	63026	62929	62894	0.24	cps
Ytterbium	176-2	22613	22723	22402	22579	0.72	cps
Yttrium	89-1	39882981	39873160	39652849	39802997	0.33	cps
Yttrium	89-2	2958741	2946856	2927613	2944403	0.53	cps
Zinc	66-2	4884952	4885642	4897009	4889201	0.14	cps
Zirconium	90-1	28241414	28093677	28122702	28152598	0.28	cps
Zirconium	91-1	6308489	6253296	6256770	6272852	0.49	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:07:44	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	750	577	750	692	14.46	cps
Antimony	121-1	4594	4081	3637	4104	11.67	cps
Arsenic	75-2	107	143	127	126	14.62	cps
Barium	135-1	980	800	717	832	16.17	cps
Barium	137-1	1673	1320	1177	1390	18.39	cps
Beryllium	9-1	680	661	625	655	4.27	cps
Bismuth	209-1	15979654	15846379	15963119	15929718	0.46	cps
Bismuth	209-2	6782018	6696037	6634222	6704093	1.11	cps
Bromine	81-1	53140	52126	51300	52189	1.77	cps
Cadmium	108-1	90	80	60	77	19.92	cps
Cadmium	106-1	14661	14735	14558	14651	0.61	cps
Cadmium	111-1	10523	10458	10355	10445	0.81	cps
Calcium	43-1	2294	2200	2084	2192	4.80	cps
Calcium	44-1	78042	73393	69467	73634	5.83	cps
Carbon	12-1	111440378	109943908	107660852	109681713	1.74	cps
Carbon	12-2	655182	638456	637324	643654	1.55	cps
Chlorine	35-1	399710	390589	382921	391073	2.15	cps
Chlorine	35-2	1493	1527	1317	1446	7.81	cps
Chromium	52-2	1170	1393	1253	1272	8.87	cps
Cobalt	59-2	250	270	197	239	15.87	cps
Copper	63-2	5758	5604	5751	5705	1.52	cps
Dysprosium	156-1	53	40	23	39	38.65	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	150	177	187	171	11.08	cps
Erbium	164-2	87	67	80	78	13.09	cps
Gadolinium	160-1	253	170	220	214	19.56	cps
Gadolinium	160-2	33	50	50	44	21.66	cps
Holmium	165-1	26875074	26500296	26276578	26550649	1.14	cps
Holmium	165-2	9333094	9458590	9133490	9308392	1.76	cps
Indium	115-1	22896253	22876469	23211852	22994858	0.82	cps
Indium	115-2	2388466	2461599	2443612	2431226	1.57	cps
Iron	54-2	1440	1470	1533	1481	3.22	cps
Iron	56-2	26056	22648	22752	23819	8.14	cps
Iron	57-2	663	503	537	568	14.87	cps
Krypton	83-1	280	327	280	296	9.11	cps
Lead	206-1	5425	4664	4244	4778	12.52	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:07:44	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4678	3767	3537	3994	15.10	cps
Lead	208-1	21631	17775	16541	18649	14.24	cps
Lithium	6-1	7015413	7033338	6784792	6944514	2.00	cps
Magnesium	24-2	2964	2514	2497	2658	9.96	cps
Manganese	55-2	3344	3230	3360	3312	2.14	cps
Molybdenum	94-1	5828	5124	4287	5080	15.18	cps
Molybdenum	95-1	7169	5578	5154	5967	17.80	cps
Molybdenum	96-1	7579	6148	5488	6405	16.69	cps
Molybdenum	97-1	4287	3477	2870	3545	20.06	cps
Molybdenum	98-1	10608	8536	7732	8959	16.56	cps
Neodymium	150-1	30	37	20	29	29.04	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	623	633	637	631	1.10	cps
Phosphorus	31-2	97	97	120	104	12.90	cps
Potassium	39-2	55918	54475	54181	54858	1.69	cps
Rhodium	103-1	21996899	21479560	21479073	21651844	1.38	cps
Rhodium	103-2	8312765	8405162	8269866	8329264	0.83	cps
Scandium	45-1	15287954	15233191	14988019	15169721	1.05	cps
Scandium	45-2	269636	266652	265250	267179	0.84	cps
Selenium	82-1	293	277	253	274	7.32	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	30	37	37	34	11.18	cps
Silicon	28-1	1274238	1250694	1253751	1259561	1.02	cps
Silver	107-1	4037	3664	4161	3954	6.54	cps
Silver	109-1	3524	3420	3801	3582	5.49	cps
Sodium	23-2	75648	74197	73042	74296	1.76	cps
Strontium	86-1	807	707	607	707	14.15	cps
Strontium	88-1	2777	2270	1927	2325	18.40	cps
Sulfur	34-1	584584	586185	593403	588057	0.80	cps
Terbium	159-1	27392101	27486317	27668350	27515589	0.51	cps
Terbium	159-2	9188808	9172257	9227806	9196290	0.31	cps
Thallium	203-1	1297	1143	980	1140	13.89	cps
Thallium	205-1	3090	2554	2450	2698	12.74	cps
Tin	118-1	5928	5344	5681	5651	5.18	cps
Titanium	47-1	1577	1163	1080	1273	20.89	cps
Uranium	238-1	2110	1563	1360	1678	23.12	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:07:44	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63	103	63	77	30.12	cps
Ytterbium	172-1	163	127	147	146	12.61	cps
Ytterbium	172-2	63	77	80	73	12.03	cps
Ytterbium	176-1	3907	3744	3601	3751	4.09	cps
Ytterbium	176-2	757	790	857	801	6.36	cps
Yttrium	89-1	42282154	41823269	41554505	41886643	0.88	cps
Yttrium	89-2	3048998	3059052	3040675	3049575	0.30	cps
Zinc	66-2	1173	1237	1137	1182	4.28	cps
Zirconium	90-1	5108	4638	4224	4656	9.49	cps
Zirconium	91-1	1103	893	933	977	11.42	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	3859DL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:11:02	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14814	14404	14307	14508	1.86	cps
Antimony	121-1	5971	6241	6121	6111	2.21	cps
Arsenic	75-2	2837	2854	2877	2856	0.70	cps
Barium	135-1	33204	34243	34417	33955	1.93	cps
Barium	137-1	59068	59366	60019	59484	0.82	cps
Beryllium	9-1	376	355	320	350	8.11	cps
Bismuth	209-1	15209146	15556904	15527138	15431063	1.25	cps
Bismuth	209-2	6567460	6529851	6458397	6518569	0.85	cps
Bromine	81-1	343322	384682	406489	378164	8.48	cps
Cadmium	108-1	33938	33360	33314	33537	1.04	cps
Cadmium	106-1	15469	15392	15145	15335	1.10	cps
Cadmium	111-1	26331	26551	25990	26290	1.08	cps
Calcium	43-1	15228	14561	15435	15075	3.03	cps
Calcium	44-1	642921	664309	683508	663580	3.06	cps
Carbon	12-1	2771059265	2857764651	2909092117	2845972011	2.45	cps
Carbon	12-2	17155735	17174828	17175031	17168532	0.06	cps
Chlorine	35-1	429551	451357	460981	447296	3.60	cps
Chlorine	35-2	1883	1757	1897	1846	4.19	cps
Chromium	52-2	4024	4124	4207	4118	2.23	cps
Cobalt	59-2	643	700	683	676	4.31	cps
Copper	63-2	228802	226203	225241	226749	0.81	cps
Dysprosium	156-1	47	40	63	50	24.03	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	227	263	203	231	13.09	cps
Erbium	164-2	70	73	83	76	9.18	cps
Gadolinium	160-1	223	263	243	243	8.22	cps
Gadolinium	160-2	47	67	60	58	17.62	cps
Holmium	165-1	26596130	27258061	27104907	26986366	1.28	cps
Holmium	165-2	9571969	9654777	9656902	9627883	0.50	cps
Indium	115-1	22762979	22860929	22806201	22810036	0.22	cps
Indium	115-2	2411288	2403729	2421331	2412116	0.37	cps
Iron	54-2	3681	3691	3684	3685	0.14	cps
Iron	56-2	61582	61200	60487	61090	0.91	cps
Iron	57-2	1580	1633	1667	1627	2.69	cps
Krypton	83-1	283	323	307	304	6.60	cps
Lead	206-1	14809	14678	15099	14862	1.45	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	3859DL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:11:02	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12496	12660	12303	12486	1.43	cps
Lead	208-1	57794	57998	58034	57942	0.22	cps
Lithium	6-1	6947888	6936036	6844962	6909628	0.82	cps
Magnesium	24-2	24364	24247	23526	24045	1.89	cps
Manganese	55-2	95936	95943	95460	95779	0.29	cps
Molybdenum	94-1	69713202	70321141	70647911	70227418	0.68	cps
Molybdenum	95-1	122916545	124467541	124420435	123934840	0.71	cps
Molybdenum	96-1	129743168	133145978	134862605	132583917	1.97	cps
Molybdenum	97-1	74411447	76229804	77052916	75898056	1.78	cps
Molybdenum	98-1	196783924	198293917	199722770	198266870	0.74	cps
Neodymium	150-1	37	50	40	42	16.43	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	1407	1393	1357	1386	1.87	cps
Phosphorus	31-2	4201	4204	4351	4252	2.02	cps
Potassium	39-2	47033608	46902269	46567541	46834473	0.51	cps
Rhodium	103-1	21176121	21140042	21076904	21131022	0.24	cps
Rhodium	103-2	8285040	8211791	8284638	8260490	0.51	cps
Scandium	45-1	15095048	15149796	15275660	15173501	0.61	cps
Scandium	45-2	266943	268268	262146	265786	1.21	cps
Selenium	82-1	3147	3120	3301	3189	3.05	cps
Selenium	77-2	67	57	37	53	28.64	cps
Selenium	78-2	210	187	220	206	8.32	cps
Silicon	28-1	21980334	22265811	22735538	22327228	1.71	cps
Silver	107-1	1373	1457	1493	1441	4.27	cps
Silver	109-1	1527	1413	1427	1456	4.26	cps
Sodium	23-2	44778018	43974546	44101583	44284715	0.98	cps
Strontium	86-1	36551	36417	35939	36303	0.89	cps
Strontium	88-1	307304	318446	314464	313405	1.80	cps
Sulfur	34-1	730384	721758	716475	722872	0.97	cps
Terbium	159-1	27926773	27671632	27560117	27719507	0.68	cps
Terbium	159-2	9384178	9258846	9275890	9306305	0.73	cps
Thallium	203-1	1623	1483	1447	1518	6.14	cps
Thallium	205-1	3911	3601	3557	3689	5.23	cps
Tin	118-1	10034	10267	10828	10376	3.93	cps
Titanium	47-1	4651	4367	4457	4492	3.22	cps
Uranium	238-1	543	553	527	541	2.49	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	3859DL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:11:02	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1857	2087	1950	1965	5.89	cps
Ytterbium	172-1	173	177	177	176	1.10	cps
Ytterbium	172-2	67	60	57	61	8.33	cps
Ytterbium	176-1	3801	3971	4004	3925	2.78	cps
Ytterbium	176-2	837	860	907	868	4.11	cps
Yttrium	89-1	41942684	42909849	43017931	42623488	1.39	cps
Yttrium	89-2	3132413	3092928	3114718	3113353	0.64	cps
Zinc	66-2	45001	44480	43851	44444	1.30	cps
Zirconium	90-1	13920	15876	16253	15350	8.16	cps
Zirconium	91-1	3094	3517	3691	3434	8.94	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:14:17	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13797	13460	14057	13771	2.17	cps
Antimony	121-1	5464	5471	5454	5463	0.15	cps
Arsenic	75-2	2727	2947	2754	2809	4.27	cps
Barium	135-1	33244	33458	33916	33539	1.02	cps
Barium	137-1	59051	59266	58214	58844	0.94	cps
Beryllium	9-1	259	259	271	263	2.75	cps
Bismuth	209-1	15729874	15580983	15364956	15558604	1.18	cps
Bismuth	209-2	6305633	6420748	6465729	6397370	1.29	cps
Bromine	81-1	363563	401460	418026	394350	7.08	cps
Cadmium	108-1	32518	32238	32041	32266	0.74	cps
Cadmium	106-1	15115	14778	14408	14767	2.40	cps
Cadmium	111-1	25553	25005	24931	25163	1.35	cps
Calcium	43-1	14921	15445	14931	15099	1.98	cps
Calcium	44-1	627055	642770	649729	639851	1.82	cps
Carbon	12-1	2732727479	2804088172	2809803478	2782206376	1.54	cps
Carbon	12-2	16696518	16589631	16673875	16653341	0.34	cps
Chlorine	35-1	390442	412411	419660	407504	3.73	cps
Chlorine	35-2	1863	1783	1723	1790	3.92	cps
Chromium	52-2	3667	3654	4141	3821	7.26	cps
Cobalt	59-2	647	620	687	651	5.15	cps
Copper	63-2	220509	221671	220603	220928	0.29	cps
Dysprosium	156-1	33	30	40	34	14.78	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	197	180	187	188	4.47	cps
Erbium	164-2	50	47	57	51	9.96	cps
Gadolinium	160-1	213	313	247	258	19.75	cps
Gadolinium	160-2	77	40	63	60	30.93	cps
Holmium	165-1	27049588	26759662	26284805	26698018	1.45	cps
Holmium	165-2	9218312	9452753	9612884	9427983	2.10	cps
Indium	115-1	23091232	22340977	22120606	22517605	2.26	cps
Indium	115-2	2297645	2386559	2386967	2357057	2.18	cps
Iron	54-2	3330	3537	3470	3446	3.06	cps
Iron	56-2	57806	57321	57643	57590	0.43	cps
Iron	57-2	1370	1320	1407	1366	3.19	cps
Krypton	83-1	280	290	300	290	3.45	cps
Lead	206-1	14408	14048	13284	13913	4.13	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:14:17	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11809	11829	11312	11650	2.51	cps
Lead	208-1	54718	54809	52819	54115	2.08	cps
Lithium	6-1	6815487	6945791	6832358	6864545	1.03	cps
Magnesium	24-2	23562	23349	23299	23403	0.60	cps
Manganese	55-2	103075	101098	102205	102126	0.97	cps
Molybdenum	94-1	68867392	69615051	67887371	68789938	1.26	cps
Molybdenum	95-1	121331475	122765815	119362682	121153324	1.41	cps
Molybdenum	96-1	129859968	130192005	127675968	129242647	1.06	cps
Molybdenum	97-1	75303806	74795822	73678982	74592870	1.11	cps
Molybdenum	98-1	195099964	194153237	193586097	194279766	0.39	cps
Neodymium	150-1	60	57	40	52	20.52	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	1453	1257	1523	1411	9.80	cps
Phosphorus	31-2	4027	4104	4217	4116	2.32	cps
Potassium	39-2	45804703	45301473	46038188	45714788	0.82	cps
Rhodium	103-1	21499181	20939922	20416534	20951879	2.58	cps
Rhodium	103-2	7928333	8149954	8115666	8064651	1.48	cps
Scandium	45-1	15224307	15101924	14969689	15098640	0.84	cps
Scandium	45-2	253780	262576	265374	260577	2.32	cps
Selenium	82-1	2567	2784	2520	2624	5.36	cps
Selenium	77-2	40	60	30	43	35.25	cps
Selenium	78-2	133	153	197	161	20.09	cps
Silicon	28-1	21348429	21655883	21826471	21610261	1.12	cps
Silver	107-1	1197	1080	1190	1156	5.67	cps
Silver	109-1	1143	1087	1067	1099	3.62	cps
Sodium	23-2	43149099	42955975	43217693	43107589	0.31	cps
Strontium	86-1	36989	35866	35776	36210	1.87	cps
Strontium	88-1	307475	309442	313023	309980	0.91	cps
Sulfur	34-1	702626	689888	682033	691516	1.50	cps
Terbium	159-1	27953917	27688985	27356525	27666476	1.08	cps
Terbium	159-2	8978403	9276055	9237058	9163838	1.77	cps
Thallium	203-1	1113	1177	1163	1151	2.90	cps
Thallium	205-1	2637	2530	2354	2507	5.71	cps
Tin	118-1	10234	10581	10030	10282	2.71	cps
Titanium	47-1	4194	4201	4304	4233	1.46	cps
Uranium	238-1	483	443	447	458	4.85	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:14:17	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2050	1837	2064	1983	6.41	cps
Ytterbium	172-1	193	187	143	174	15.56	cps
Ytterbium	172-2	63	70	100	78	25.11	cps
Ytterbium	176-1	3761	3781	3744	3762	0.49	cps
Ytterbium	176-2	787	827	853	822	4.08	cps
Yttrium	89-1	42679613	42242878	42088834	42337108	0.72	cps
Yttrium	89-2	2995979	3094842	3065561	3052127	1.66	cps
Zinc	66-2	43607	43226	43383	43405	0.44	cps
Zirconium	90-1	11862	12119	11922	11967	1.12	cps
Zirconium	91-1	2644	2754	2610	2669	2.81	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02LDL2X125	Instrumnet Name :	P8
Client Sample ID :	3859LDL2	Dilution Factor :	125
Date & Time Acquired :	2025-05-19 18:17:30	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2960	2730	2964	2885	4.64	cps
Antimony	121-1	1420	1363	1447	1410	3.02	cps
Arsenic	75-2	520	500	527	516	2.69	cps
Barium	135-1	6772	6695	6985	6817	2.21	cps
Barium	137-1	11739	11869	11889	11832	0.69	cps
Beryllium	9-1	205	216	214	212	2.79	cps
Bismuth	209-1	15748734	15725574	15739256	15737855	0.07	cps
Bismuth	209-2	6627521	6608834	6541421	6592592	0.69	cps
Bromine	81-1	128321	132011	132849	131060	1.84	cps
Cadmium	108-1	6168	6295	6342	6268	1.43	cps
Cadmium	106-1	13934	13830	14521	14095	2.64	cps
Cadmium	111-1	12668	12500	13181	12783	2.78	cps
Calcium	43-1	4234	4421	4311	4322	2.17	cps
Calcium	44-1	171280	176781	175007	174356	1.61	cps
Carbon	12-1	587893458	595449911	605382484	596241951	1.47	cps
Carbon	12-2	3486009	3515308	3494706	3498674	0.43	cps
Chlorine	35-1	280623	280249	278833	279901	0.34	cps
Chlorine	35-2	1047	1040	1133	1073	4.85	cps
Chromium	52-2	1703	1660	1860	1741	6.04	cps
Cobalt	59-2	167	177	193	179	7.53	cps
Copper	63-2	47553	47459	46864	47292	0.79	cps
Dysprosium	156-1	17	27	47	30	50.91	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	193	183	223	200	10.41	cps
Erbium	164-2	70	73	50	64	19.58	cps
Gadolinium	160-1	217	277	227	240	13.39	cps
Gadolinium	160-2	63	57	37	52	26.57	cps
Holmium	165-1	26289140	26414324	26604193	26435886	0.60	cps
Holmium	165-2	9453123	9464372	9356479	9424658	0.63	cps
Indium	115-1	22906001	22955914	23097519	22986478	0.43	cps
Indium	115-2	2419154	2417269	2418604	2418343	0.04	cps
Iron	54-2	1427	1300	1210	1312	8.30	cps
Iron	56-2	19140	18616	18809	18855	1.41	cps
Iron	57-2	457	467	457	460	1.26	cps
Krypton	83-1	347	313	203	288	26.06	cps
Lead	206-1	4201	3964	4071	4079	2.91	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02LDL2X125	Instrumnet Name :	P8
Client Sample ID :	3859LDL2	Dilution Factor :	125
Date & Time Acquired :	2025-05-19 18:17:30	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3347	3574	3414	3445	3.38	cps
Lead	208-1	16151	15690	15694	15845	1.67	cps
Lithium	6-1	6673582	6849991	6766763	6763445	1.30	cps
Magnesium	24-2	5024	5294	4988	5102	3.28	cps
Manganese	55-2	21096	20929	21052	21026	0.41	cps
Molybdenum	94-1	13351681	13349287	13566928	13422632	0.93	cps
Molybdenum	95-1	23525460	24047458	23800233	23791050	1.10	cps
Molybdenum	96-1	25179124	26023609	25381386	25528040	1.73	cps
Molybdenum	97-1	14447789	14850107	14649590	14649162	1.37	cps
Molybdenum	98-1	37906730	38093556	38715874	38238720	1.11	cps
Neodymium	150-1	30	27	27	28	6.92	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	697	677	557	643	11.77	cps
Phosphorus	31-2	813	750	803	789	4.32	cps
Potassium	39-2	9114066	9288067	9293413	9231849	1.11	cps
Rhodium	103-1	21187261	21242439	21552672	21327457	0.92	cps
Rhodium	103-2	8380081	8216044	8184749	8260291	1.27	cps
Scandium	45-1	15054333	15040073	15125461	15073289	0.30	cps
Scandium	45-2	262360	267109	261488	263652	1.15	cps
Selenium	82-1	453	563	477	498	11.64	cps
Selenium	77-2	27	0	17	14	93.26	cps
Selenium	78-2	80	53	67	67	20.00	cps
Silicon	28-1	4931747	5091609	5025863	5016406	1.60	cps
Silver	107-1	767	783	720	757	4.34	cps
Silver	109-1	597	520	590	569	7.47	cps
Sodium	23-2	8548046	8595784	8691381	8611737	0.85	cps
Strontium	86-1	7692	7579	7642	7638	0.74	cps
Strontium	88-1	61351	61330	61555	61412	0.20	cps
Sulfur	34-1	564361	568480	570205	567682	0.53	cps
Terbium	159-1	27346825	27720770	27578756	27548784	0.69	cps
Terbium	159-2	9140285	9093606	9041469	9091787	0.54	cps
Thallium	203-1	537	523	500	520	3.57	cps
Thallium	205-1	1123	1130	1113	1122	0.75	cps
Tin	118-1	5414	5545	5518	5492	1.25	cps
Titanium	47-1	1157	1050	1123	1110	4.92	cps
Uranium	238-1	177	210	260	216	19.46	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02LDL2X125	Instrumnet Name :	P8
Client Sample ID :	3859LDL2	Dilution Factor :	125
Date & Time Acquired :	2025-05-19 18:17:30	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	430	397	370	399	7.54	cps
Ytterbium	172-1	160	167	150	159	5.28	cps
Ytterbium	172-2	57	87	77	73	20.83	cps
Ytterbium	176-1	3511	3574	3627	3571	1.64	cps
Ytterbium	176-2	853	753	847	818	6.84	cps
Yttrium	89-1	41768559	42071546	42281249	42040451	0.61	cps
Yttrium	89-2	3057920	3016421	3062665	3045669	0.84	cps
Zinc	66-2	9190	9110	9220	9173	0.62	cps
Zirconium	90-1	6191	7052	7279	6841	8.38	cps
Zirconium	91-1	1377	1470	1643	1497	9.04	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859MSDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:20:45	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51129	49979	51518	50875	1.57	cps
Antimony	121-1	618038	628485	642415	629646	1.94	cps
Arsenic	75-2	2510	2417	2717	2548	6.03	cps
Barium	135-1	635982	651166	659291	648813	1.82	cps
Barium	137-1	1109948	1123196	1150850	1127998	1.85	cps
Beryllium	9-1	127123	129143	130384	128883	1.28	cps
Bismuth	209-1	15542499	16213251	15386026	15713925	2.80	cps
Bismuth	209-2	6364294	6369360	6372199	6368618	0.06	cps
Bromine	81-1	311140	347660	370637	343146	8.74	cps
Cadmium	108-1	39760	40309	40295	40122	0.78	cps
Cadmium	106-1	29662	31058	31225	30648	2.80	cps
Cadmium	111-1	161787	163825	165314	163642	1.08	cps
Calcium	43-1	197675	200257	201869	199934	1.06	cps
Calcium	44-1	3890773	3975482	4045678	3970644	1.95	cps
Carbon	12-1	2381828338	2460571750	2536150256	2459516781	3.14	cps
Carbon	12-2	15045088	14929909	14943845	14972947	0.42	cps
Chlorine	35-1	3539577	3915355	4194687	3883206	8.47	cps
Chlorine	35-2	16893	17214	16990	17032	0.96	cps
Chromium	52-2	116620	115857	115512	115996	0.49	cps
Cobalt	59-2	221669	220075	221195	220980	0.37	cps
Copper	63-2	2137524	2147482	2143138	2142714	0.23	cps
Dysprosium	156-1	87	103	57	82	28.76	cps
Dysprosium	156-2	33	23	7	21	63.80	cps
Erbium	164-1	230	223	170	208	15.83	cps
Erbium	164-2	93	73	77	81	13.21	cps
Gadolinium	160-1	250	220	257	242	8.06	cps
Gadolinium	160-2	63	57	50	57	11.76	cps
Holmium	165-1	26284715	27458289	26460130	26734378	2.37	cps
Holmium	165-2	9335754	9370037	9480128	9395307	0.80	cps
Indium	115-1	22455888	23588633	22345850	22796790	3.02	cps
Indium	115-2	2321164	2326838	2319771	2322591	0.16	cps
Iron	54-2	220188	220452	224012	221550	0.96	cps
Iron	56-2	4400594	4354853	4380233	4378560	0.52	cps
Iron	57-2	100484	100733	102374	101197	1.01	cps
Krypton	83-1	297	353	267	306	14.40	cps
Lead	206-1	2265274	2255221	2313588	2278028	1.37	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859MSDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:20:45	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1922793	1906795	1982773	1937454	2.07	cps
Lead	208-1	8884383	8981677	9169403	9011821	1.61	cps
Lithium	6-1	6639444	6864869	6746303	6750205	1.67	cps
Magnesium	24-2	714621	707761	717307	713230	0.69	cps
Manganese	55-2	605725	602528	609900	606051	0.61	cps
Molybdenum	94-1	62338954	63427856	63853754	63206855	1.24	cps
Molybdenum	95-1	110520765	109838675	111902022	110753821	0.95	cps
Molybdenum	96-1	118254992	117319822	117959082	117844632	0.41	cps
Molybdenum	97-1	68035824	68284614	67394856	67905098	0.68	cps
Molybdenum	98-1	175225671	178253417	177743037	177074042	0.92	cps
Neodymium	150-1	130	73	137	113	30.71	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	63404	63949	63410	63588	0.49	cps
Phosphorus	31-2	3824	3907	4124	3952	3.92	cps
Potassium	39-2	41934270	41373591	41850784	41719548	0.73	cps
Rhodium	103-1	20771536	21691375	20662396	21041769	2.69	cps
Rhodium	103-2	8037638	8052166	8100403	8063402	0.41	cps
Scandium	45-1	14881902	15433621	15024270	15113264	1.90	cps
Scandium	45-2	260418	259306	263508	261077	0.83	cps
Selenium	82-1	17425	18249	18536	18070	3.19	cps
Selenium	77-2	327	337	340	334	2.08	cps
Selenium	78-2	1220	1210	1157	1196	2.85	cps
Silicon	28-1	18924469	19278107	19744348	19315641	2.13	cps
Silver	107-1	114464	116090	120763	117105	2.79	cps
Silver	109-1	109591	112475	113093	111719	1.67	cps
Sodium	23-2	40754009	40751739	40425467	40643739	0.47	cps
Strontium	86-1	254951	254822	258078	255951	0.72	cps
Strontium	88-1	2489228	2442820	2467301	2466449	0.94	cps
Sulfur	34-1	684034	682701	685397	684044	0.20	cps
Terbium	159-1	27693390	29248575	27599826	28180597	3.29	cps
Terbium	159-2	9104080	9120632	9118570	9114427	0.10	cps
Thallium	203-1	472423	483604	473602	476543	1.29	cps
Thallium	205-1	1130279	1137377	1152199	1139952	0.98	cps
Tin	118-1	413013	424600	424314	420642	1.57	cps
Titanium	47-1	3971	4341	4451	4254	5.91	cps
Uranium	238-1	1470265	1503487	1497402	1490385	1.19	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859MSDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:20:45	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	91943	91865	92500	92103	0.38	cps
Ytterbium	172-1	230	180	200	203	12.38	cps
Ytterbium	172-2	67	87	47	67	30.00	cps
Ytterbium	176-1	6145	6518	6115	6259	3.59	cps
Ytterbium	176-2	1680	1630	1713	1675	2.50	cps
Yttrium	89-1	41758693	43089884	41150322	41999633	2.36	cps
Yttrium	89-2	3024012	3052527	3088150	3054896	1.05	cps
Zinc	66-2	284635	282979	283291	283635	0.31	cps
Zirconium	90-1	994222	1001566	1019426	1005071	1.29	cps
Zirconium	91-1	220848	224165	224618	223210	0.92	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:23:50	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52581	51858	53187	52542	1.27	cps
Antimony	121-1	641724	649349	648780	646618	0.66	cps
Arsenic	75-2	2820	2690	2664	2725	3.08	cps
Barium	135-1	690008	702768	708963	700580	1.38	cps
Barium	137-1	1204483	1216202	1225777	1215487	0.88	cps
Beryllium	9-1	138364	140245	141076	139895	0.99	cps
Bismuth	209-1	15655077	15510505	15655780	15607121	0.54	cps
Bismuth	209-2	6576981	6535606	6479665	6530751	0.75	cps
Bromine	81-1	341390	377811	399682	372961	7.90	cps
Cadmium	108-1	43207	42830	43562	43200	0.85	cps
Cadmium	106-1	32141	33417	32555	32704	1.99	cps
Cadmium	111-1	174150	178627	179812	177529	1.68	cps
Calcium	43-1	216050	217261	218189	217167	0.49	cps
Calcium	44-1	4297181	4242091	4269904	4269726	0.65	cps
Carbon	12-1	2623447054	2704228120	2714699373	2680791516	1.86	cps
Carbon	12-2	16171689	16092566	16129282	16131179	0.25	cps
Chlorine	35-1	4046002	4405954	4660306	4370754	7.06	cps
Chlorine	35-2	18308	18852	18842	18668	1.67	cps
Chromium	52-2	125861	124133	124718	124904	0.70	cps
Cobalt	59-2	235447	235208	237777	236144	0.60	cps
Copper	63-2	2315330	2272221	2324608	2304053	1.21	cps
Dysprosium	156-1	43	77	57	59	28.49	cps
Dysprosium	156-2	27	13	13	18	43.33	cps
Erbium	164-1	183	220	217	207	9.81	cps
Erbium	164-2	43	83	70	66	31.07	cps
Gadolinium	160-1	217	230	333	260	24.56	cps
Gadolinium	160-2	63	43	67	58	21.85	cps
Holmium	165-1	27362380	26893421	27489438	27248413	1.15	cps
Holmium	165-2	9654648	9732266	9680453	9689122	0.41	cps
Indium	115-1	22931241	22763681	22809162	22834695	0.38	cps
Indium	115-2	2419001	2421185	2391918	2410701	0.68	cps
Iron	54-2	236030	239003	236065	237033	0.72	cps
Iron	56-2	4666726	4710986	4673370	4683694	0.51	cps
Iron	57-2	107780	107521	107787	107696	0.14	cps
Krypton	83-1	240	260	290	263	9.56	cps
Lead	206-1	2438831	2420762	2466640	2442078	0.95	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:23:50	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2108013	2125830	2148397	2127414	0.95	cps
Lead	208-1	9675220	9673792	9821200	9723404	0.87	cps
Lithium	6-1	6734461	6867770	6903389	6835207	1.30	cps
Magnesium	24-2	759634	758197	762633	760154	0.30	cps
Manganese	55-2	644909	646711	641593	644404	0.40	cps
Molybdenum	94-1	67553092	68601741	69799081	68651305	1.64	cps
Molybdenum	95-1	117558605	120842552	121782165	120061107	1.85	cps
Molybdenum	96-1	126918431	129906015	129751801	128858749	1.31	cps
Molybdenum	97-1	73252002	74405306	75378036	74345114	1.43	cps
Molybdenum	98-1	191539517	194874617	196011637	194141924	1.20	cps
Neodymium	150-1	123	130	110	121	8.41	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	68296	68253	67770	68106	0.43	cps
Phosphorus	31-2	4174	4201	4191	4188	0.32	cps
Potassium	39-2	45494453	44765754	44722301	44994169	0.96	cps
Rhodium	103-1	21187678	21201304	21263172	21217385	0.19	cps
Rhodium	103-2	8162731	8295630	8300320	8252893	0.95	cps
Scandium	45-1	15079061	15183396	15245064	15169174	0.55	cps
Scandium	45-2	265425	265381	264887	265231	0.11	cps
Selenium	82-1	19324	20455	20746	20175	3.72	cps
Selenium	77-2	343	383	293	340	13.26	cps
Selenium	78-2	1133	1157	1297	1196	7.39	cps
Silicon	28-1	20542491	20906027	21166038	20871518	1.50	cps
Silver	107-1	126668	127751	129219	127879	1.00	cps
Silver	109-1	116777	121638	122186	120200	2.48	cps
Sodium	23-2	43385303	43044960	43163393	43197885	0.40	cps
Strontium	86-1	272573	278121	276069	275588	1.02	cps
Strontium	88-1	2717098	2723573	2716147	2718939	0.15	cps
Sulfur	34-1	694682	697242	693490	695138	0.28	cps
Terbium	159-1	28282261	28243783	28235912	28253985	0.09	cps
Terbium	159-2	9345892	9388722	9398521	9377711	0.30	cps
Thallium	203-1	513209	515569	520626	516468	0.73	cps
Thallium	205-1	1221624	1229083	1252010	1234239	1.28	cps
Tin	118-1	451368	457357	460097	456274	0.98	cps
Titanium	47-1	4604	4364	4821	4596	4.97	cps
Uranium	238-1	1757217	1790559	1809081	1785619	1.47	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	3859MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:23:50	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	100036	98566	100301	99635	0.94	cps
Ytterbium	172-1	203	197	197	199	1.94	cps
Ytterbium	172-2	57	70	63	63	10.52	cps
Ytterbium	176-1	6415	6435	6442	6431	0.22	cps
Ytterbium	176-2	1787	1907	1823	1839	3.34	cps
Yttrium	89-1	42878014	42936996	43212564	43009192	0.42	cps
Yttrium	89-2	3081425	3091346	3109824	3094198	0.47	cps
Zinc	66-2	301988	302240	303879	302702	0.34	cps
Zirconium	90-1	1082056	1094737	1093986	1090260	0.65	cps
Zirconium	91-1	239307	241161	243345	241271	0.84	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02ADL2X25	Instrumnet Name :	P8
Client Sample ID :	3859ADL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:26:57	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51915	50507	51200	51208	1.37	cps
Antimony	121-1	643015	650231	653054	648767	0.80	cps
Arsenic	75-2	2670	2850	2690	2737	3.61	cps
Barium	135-1	690582	698497	710751	699944	1.45	cps
Barium	137-1	1212120	1224843	1219907	1218957	0.53	cps
Beryllium	9-1	137453	139528	140465	139149	1.11	cps
Bismuth	209-1	15631681	15765739	15998554	15798658	1.18	cps
Bismuth	209-2	6524312	6457549	6545935	6509265	0.71	cps
Bromine	81-1	340115	378576	400457	373049	8.19	cps
Cadmium	108-1	43137	43361	42482	42993	1.06	cps
Cadmium	106-1	31904	33177	32388	32489	1.98	cps
Cadmium	111-1	172545	178253	179842	176880	2.17	cps
Calcium	43-1	211470	213189	215625	213428	0.98	cps
Calcium	44-1	4162149	4221795	4348887	4244277	2.25	cps
Carbon	12-1	2545995482	2672821934	2661138254	2626651890	2.67	cps
Carbon	12-2	15855271	15538739	15910067	15768025	1.27	cps
Chlorine	35-1	4070774	4455264	4695263	4407100	7.15	cps
Chlorine	35-2	18435	18472	18822	18576	1.15	cps
Chromium	52-2	121975	121009	123252	122078	0.92	cps
Cobalt	59-2	233403	231133	233661	232732	0.60	cps
Copper	63-2	2245254	2251596	2244003	2246951	0.18	cps
Dysprosium	156-1	73	70	80	74	6.84	cps
Dysprosium	156-2	20	13	20	18	21.66	cps
Erbium	164-1	213	187	233	211	11.09	cps
Erbium	164-2	57	57	50	54	7.07	cps
Gadolinium	160-1	310	250	283	281	10.70	cps
Gadolinium	160-2	40	53	53	49	15.74	cps
Holmium	165-1	27024702	27338414	27737050	27366722	1.30	cps
Holmium	165-2	9630561	9530999	9580595	9580719	0.52	cps
Indium	115-1	22927713	22832247	22834912	22864957	0.24	cps
Indium	115-2	2408410	2368258	2413886	2396851	1.04	cps
Iron	54-2	229846	229504	232471	230607	0.70	cps
Iron	56-2	4623183	4554531	4590108	4589274	0.75	cps
Iron	57-2	106165	104748	104570	105161	0.83	cps
Krypton	83-1	317	333	330	327	2.70	cps
Lead	206-1	2402596	2474086	2496118	2457600	1.99	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02ADL2X25	Instrumnet Name :	P8
Client Sample ID :	3859ADL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:26:57	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2060845	2132253	2094092	2095730	1.71	cps
Lead	208-1	9462122	9734990	9720605	9639239	1.59	cps
Lithium	6-1	6844211	6899696	7054466	6932791	1.57	cps
Magnesium	24-2	749572	742799	748820	747064	0.50	cps
Manganese	55-2	633399	627199	638675	633091	0.91	cps
Molybdenum	94-1	67768444	67888046	68377874	68011455	0.47	cps
Molybdenum	95-1	117868245	117736495	119911082	118505274	1.03	cps
Molybdenum	96-1	126165325	127316041	127894821	127125396	0.69	cps
Molybdenum	97-1	73197136	73684291	73771284	73550903	0.42	cps
Molybdenum	98-1	190860164	189559131	193013410	191144235	0.91	cps
Neodymium	150-1	120	127	130	126	4.06	cps
Neodymium	150-2	10	13	17	13	25.01	cps
Nickel	60-2	66595	66976	66327	66633	0.49	cps
Phosphorus	31-2	4057	4031	4151	4079	1.55	cps
Potassium	39-2	43919638	43709773	44564188	44064533	1.01	cps
Rhodium	103-1	21251859	21355004	21298505	21301789	0.24	cps
Rhodium	103-2	8269445	8159265	8259574	8229428	0.74	cps
Scandium	45-1	15292361	15207381	15080381	15193374	0.70	cps
Scandium	45-2	264628	261340	261955	262641	0.67	cps
Selenium	82-1	19254	20058	20245	19852	2.65	cps
Selenium	77-2	340	320	390	350	10.30	cps
Selenium	78-2	1223	1083	1120	1142	6.36	cps
Silicon	28-1	20178142	20677215	20927510	20594289	1.85	cps
Silver	107-1	124603	126725	128064	126464	1.38	cps
Silver	109-1	118517	119714	121900	120044	1.43	cps
Sodium	23-2	42592698	41955238	42857047	42468327	1.09	cps
Strontium	86-1	272386	276437	276737	275186	0.88	cps
Strontium	88-1	2621928	2717949	2698975	2679617	1.90	cps
Sulfur	34-1	692848	688114	688269	689744	0.39	cps
Terbium	159-1	28569495	28499487	28473340	28514107	0.17	cps
Terbium	159-2	9212531	9311968	9346440	9290313	0.75	cps
Thallium	203-1	509389	518781	520818	516329	1.18	cps
Thallium	205-1	1208148	1250393	1242425	1233655	1.82	cps
Tin	118-1	446463	453737	458033	452744	1.29	cps
Titanium	47-1	4671	4804	4657	4711	1.72	cps
Uranium	238-1	1772072	1812953	1801687	1795571	1.18	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	Q2044-02ADL2X25	Instrumnet Name :	P8
Client Sample ID :	3859ADL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-19 18:26:57	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	98187	97721	96975	97628	0.63	cps
Ytterbium	172-1	197	217	200	204	5.24	cps
Ytterbium	172-2	80	93	90	88	7.90	cps
Ytterbium	176-1	6342	6422	6325	6363	0.81	cps
Ytterbium	176-2	1783	1663	1687	1711	3.72	cps
Yttrium	89-1	43149979	43333184	42588379	43023848	0.90	cps
Yttrium	89-2	3095857	3092578	3026309	3071582	1.28	cps
Zinc	66-2	295198	294124	297348	295556	0.56	cps
Zirconium	90-1	1071525	1102972	1099693	1091397	1.58	cps
Zirconium	91-1	237291	241615	242423	240443	1.15	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:30:15	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5279984	5383312	5332953	5332083	0.97	cps
Antimony	121-1	14933186	15306184	15243935	15161102	1.32	cps
Arsenic	75-2	287680	287983	288642	288102	0.17	cps
Barium	135-1	18484518	18724990	18493356	18567622	0.73	cps
Barium	137-1	31801453	31996647	32018569	31938890	0.37	cps
Beryllium	9-1	3150465	3192179	3197099	3179914	0.81	cps
Bismuth	209-1	13135112	13322114	13148128	13201785	0.79	cps
Bismuth	209-2	5643824	5709758	5633652	5662411	0.73	cps
Bromine	81-1	66929	62180	61216	63442	4.82	cps
Cadmium	108-1	267487	274944	270767	271066	1.38	cps
Cadmium	106-1	398394	402884	404254	401844	0.76	cps
Cadmium	111-1	3669487	3689413	3673520	3677473	0.29	cps
Calcium	43-1	24162313	24286128	24399034	24282492	0.49	cps
Calcium	44-1	398436154	397155274	396087154	397226194	0.30	cps
Carbon	12-1	86294735	82232709	79319242	82615562	4.24	cps
Carbon	12-2	459121	454116	438721	450653	2.36	cps
Chlorine	35-1	680870	657346	643902	660706	2.83	cps
Chlorine	35-2	2530	2550	2477	2519	1.51	cps
Chromium	52-2	3171223	3234038	3185878	3197046	1.03	cps
Cobalt	59-2	5696787	5754948	5700058	5717264	0.57	cps
Copper	63-2	42393601	42491335	41868924	42251287	0.79	cps
Dysprosium	156-1	920	897	957	924	3.27	cps
Dysprosium	156-2	193	197	160	183	11.06	cps
Erbium	164-1	747	807	887	813	8.64	cps
Erbium	164-2	263	323	273	287	11.21	cps
Gadolinium	160-1	807	730	707	748	7.00	cps
Gadolinium	160-2	240	240	337	272	20.50	cps
Holmium	165-1	23848563	24486417	24398573	24244518	1.43	cps
Holmium	165-2	8741707	8873391	8845666	8820255	0.79	cps
Indium	115-1	19425256	20059618	19692973	19725949	1.61	cps
Indium	115-2	2135320	2168733	2148652	2150902	0.78	cps
Iron	54-2	31686415	31303410	31285185	31425003	0.72	cps
Iron	56-2	577582911	576355485	582674618	578871005	0.58	cps
Iron	57-2	14576241	14899797	14694924	14723654	1.11	cps
Krypton	83-1	387	347	410	381	8.40	cps
Lead	206-1	51884999	51840109	53039931	52255013	1.30	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:30:15	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	44578279	44677154	44341981	44532472	0.39	cps
Lead	208-1	206671000	205924495	204632907	205742801	0.50	cps
Lithium	6-1	5782982	5996680	6016107	5931923	2.18	cps
Magnesium	24-2	90766835	90795199	91069472	90877169	0.18	cps
Manganese	55-2	13335796	13522506	13507323	13455208	0.77	cps
Molybdenum	94-1	54368486	53539494	54919029	54275670	1.28	cps
Molybdenum	95-1	79105222	78844910	79825322	79258485	0.64	cps
Molybdenum	96-1	85617375	84730455	86658139	85668657	1.13	cps
Molybdenum	97-1	47863781	47871969	48643546	48126432	0.93	cps
Molybdenum	98-1	124562108	125722128	127220675	125834970	1.06	cps
Neodymium	150-1	1600	1657	1697	1651	2.94	cps
Neodymium	150-2	110	133	107	117	12.46	cps
Nickel	60-2	1554192	1582239	1579757	1572063	0.99	cps
Phosphorus	31-2	48481	49193	48912	48862	0.73	cps
Potassium	39-2	30724592	30684280	30824241	30744371	0.23	cps
Rhodium	103-1	17046440	17739534	17719566	17501846	2.25	cps
Rhodium	103-2	6935942	7162936	7078852	7059243	1.63	cps
Scandium	45-1	13472986	13889620	13897213	13753273	1.77	cps
Scandium	45-2	252613	254349	252667	253210	0.39	cps
Selenium	82-1	213961	215591	215373	214975	0.41	cps
Selenium	77-2	3590	3807	3761	3719	3.07	cps
Selenium	78-2	12936	12582	13310	12943	2.81	cps
Silicon	28-1	74957591	75370521	75116146	75148086	0.28	cps
Silver	107-1	18107519	18609432	18401666	18372872	1.37	cps
Silver	109-1	17232840	17452438	17381606	17355628	0.65	cps
Sodium	23-2	179367097	180107371	180942477	180138982	0.44	cps
Strontium	86-1	5037865	5122531	5050238	5070212	0.90	cps
Strontium	88-1	43435949	44424541	44520364	44126952	1.36	cps
Sulfur	34-1	1811482	1772212	1744287	1775994	1.90	cps
Terbium	159-1	24690725	25461429	25285127	25145760	1.61	cps
Terbium	159-2	8504067	8534981	8532809	8523952	0.20	cps
Thallium	203-1	12620768	12862844	13056016	12846543	1.70	cps
Thallium	205-1	29891065	30326791	30862864	30360240	1.60	cps
Tin	118-1	12159066	12293448	12376203	12276239	0.89	cps
Titanium	47-1	22097230	22299244	22273838	22223437	0.50	cps
Uranium	238-1	41394789	41189474	40123519	40902594	1.67	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:30:15	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2454573	2435298	2459365	2449745	0.52	cps
Ytterbium	172-1	1123	1090	1110	1108	1.51	cps
Ytterbium	172-2	447	467	513	476	7.19	cps
Ytterbium	176-1	62584	62561	63495	62880	0.85	cps
Ytterbium	176-2	21938	21598	22229	21922	1.44	cps
Yttrium	89-1	36717485	38164872	38185599	37689319	2.23	cps
Yttrium	89-2	2861127	2903525	2889060	2884571	0.75	cps
Zinc	66-2	4771025	4787032	4803729	4787262	0.34	cps
Zirconium	90-1	27225068	27266318	27992463	27494616	1.57	cps
Zirconium	91-1	6122583	6130985	6255509	6169693	1.21	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:32:59	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	637	610	630	626	2.22	cps
Antimony	121-1	4294	3801	3157	3751	15.20	cps
Arsenic	75-2	63	53	33	50	30.55	cps
Barium	135-1	1053	810	677	847	22.56	cps
Barium	137-1	1737	1297	1157	1397	21.67	cps
Beryllium	9-1	625	537	520	561	10.03	cps
Bismuth	209-1	16120101	15974866	15752897	15949288	1.16	cps
Bismuth	209-2	6784344	6808846	6610431	6734540	1.61	cps
Bromine	81-1	48908	47149	47493	47850	1.95	cps
Cadmium	108-1	33	87	73	64	43.07	cps
Cadmium	106-1	13894	13981	13547	13807	1.66	cps
Cadmium	111-1	10006	9962	9551	9840	2.55	cps
Calcium	43-1	2454	2330	2194	2326	5.59	cps
Calcium	44-1	68508	63317	60459	64094	6.37	cps
Carbon	12-1	57839097	55363338	54425753	55876063	3.16	cps
Carbon	12-2	334391	324891	317438	325573	2.61	cps
Chlorine	35-1	336742	324964	314877	325528	3.36	cps
Chlorine	35-2	1137	1160	1060	1119	4.68	cps
Chromium	52-2	1230	1233	1250	1238	0.87	cps
Cobalt	59-2	230	267	243	247	7.52	cps
Copper	63-2	5154	4994	4818	4989	3.38	cps
Dysprosium	156-1	30	20	30	27	21.65	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	160	163	200	174	12.72	cps
Erbium	164-2	60	57	80	66	19.25	cps
Gadolinium	160-1	207	193	237	212	10.46	cps
Gadolinium	160-2	43	43	50	46	8.45	cps
Holmium	165-1	26237955	26156483	26375205	26256547	0.42	cps
Holmium	165-2	9466459	9482474	9395565	9448166	0.49	cps
Indium	115-1	22724895	23038676	22470501	22744691	1.25	cps
Indium	115-2	2387266	2403937	2392390	2394531	0.36	cps
Iron	54-2	1590	1517	1290	1466	10.67	cps
Iron	56-2	21904	21510	19513	20976	6.11	cps
Iron	57-2	500	573	533	536	6.86	cps
Krypton	83-1	323	323	287	311	6.80	cps
Lead	206-1	5368	4444	3757	4523	17.87	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:32:59	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4701	3871	3214	3928	18.97	cps
Lead	208-1	20800	17428	15150	17793	15.97	cps
Lithium	6-1	6639287	6783519	6649867	6690891	1.20	cps
Magnesium	24-2	2757	2607	2304	2556	9.04	cps
Manganese	55-2	3214	3244	3144	3200	1.60	cps
Molybdenum	94-1	5791	4851	4591	5078	12.44	cps
Molybdenum	95-1	6955	5778	4898	5877	17.57	cps
Molybdenum	96-1	7732	6015	5308	6352	19.63	cps
Molybdenum	97-1	4197	3324	2834	3452	20.01	cps
Molybdenum	98-1	10371	8890	7822	9028	14.18	cps
Neodymium	150-1	23	47	27	32	39.17	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	633	447	527	536	17.49	cps
Phosphorus	31-2	63	100	67	77	26.45	cps
Potassium	39-2	39016	38000	38230	38415	1.39	cps
Rhodium	103-1	20868251	21291639	20999793	21053228	1.03	cps
Rhodium	103-2	8350448	8308757	8293232	8317479	0.36	cps
Scandium	45-1	14710539	14767856	14665459	14714618	0.35	cps
Scandium	45-2	256928	259816	258512	258419	0.56	cps
Selenium	82-1	177	50	90	106	61.34	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	37	47	50	44	15.61	cps
Silicon	28-1	942734	943434	889266	925145	3.36	cps
Silver	107-1	3127	2634	2170	2644	18.10	cps
Silver	109-1	2697	2180	1890	2256	18.12	cps
Sodium	23-2	68574	67602	65697	67291	2.17	cps
Strontium	86-1	783	697	603	694	12.96	cps
Strontium	88-1	2884	2274	2254	2470	14.50	cps
Sulfur	34-1	580433	581886	586542	582954	0.55	cps
Terbium	159-1	27511576	28017490	27292844	27607303	1.35	cps
Terbium	159-2	9165104	9120030	9055849	9113661	0.60	cps
Thallium	203-1	1457	1070	877	1135	26.03	cps
Thallium	205-1	2860	2404	2287	2517	12.04	cps
Tin	118-1	5431	5698	5444	5525	2.72	cps
Titanium	47-1	1450	1093	1057	1200	18.11	cps
Uranium	238-1	2274	1643	1270	1729	29.33	cps

LB Number :	LB135831	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-05-19 18:32:59	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	67	47	63	59	18.19	cps
Ytterbium	172-1	163	177	190	177	7.55	cps
Ytterbium	172-2	63	50	53	56	12.49	cps
Ytterbium	176-1	3641	3397	3601	3546	3.68	cps
Ytterbium	176-2	803	857	733	798	7.75	cps
Yttrium	89-1	41546841	41266568	41112404	41308604	0.53	cps
Yttrium	89-2	3021032	3086402	3012975	3040137	1.32	cps
Zinc	66-2	1087	1117	1110	1105	1.43	cps
Zirconium	90-1	5244	4714	4131	4696	11.86	cps
Zirconium	91-1	1073	933	953	987	7.67	cps