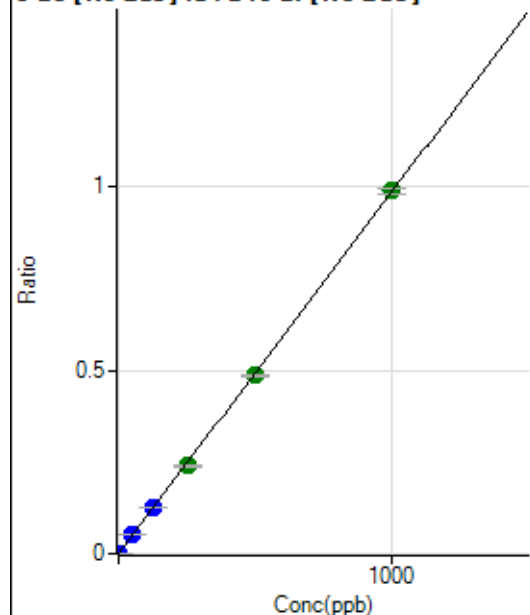


Calibration for 007CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8051325MS.b\
 Analysis File: P8051325MS.batch.bin
 DA Date-Time: 2025-05-13 18:53:31
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-05-13 14:58:49
2	006CALS.d	S02	2025-05-13 15:05:31
3	007CALB.d	S03	2025-05-13 15:08:50
4	008CALS.d	S04	2025-05-13 15:16:31
5	009CALS.d	S05	2025-05-13 15:19:28
6	010CALS.d	S06	2025-05-13 15:22:16
7	011CALS.d	S07	2025-05-13 15:25:03
8	012CALS.d	S08	2025-05-13 15:27:48

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	156.65	0.0000	P	10.8
2	☐	1.000	1.207	6834.08	0.0012	P	1.3
3	☐	50.000	53.187	295483.66	0.0524	P	1.2
4	☐	125.000	127.845	690018.42	0.1260	P	0.6
5	☐	250.000	244.260	1309978.55	0.2408	A	2.0
6	☐	500.000	494.382	2595961.29	0.4873	A	1.1
7	☐	1000.000	1003.729	4999612.97	0.9893	A	1.9
8	☐			622.85	0.0001	P	7.3

$$y = 9.8558\text{E-}004 * x + 2.8223\text{E-}005$$

$$R = 0.9999$$

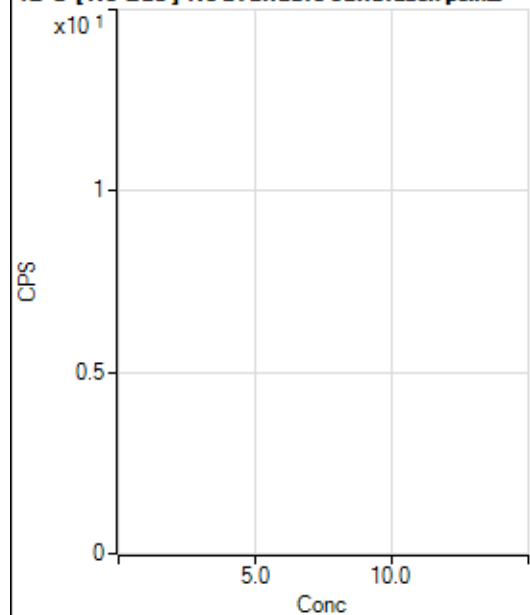
$$DL = 0.009239$$

$$BEC = 0.02864$$

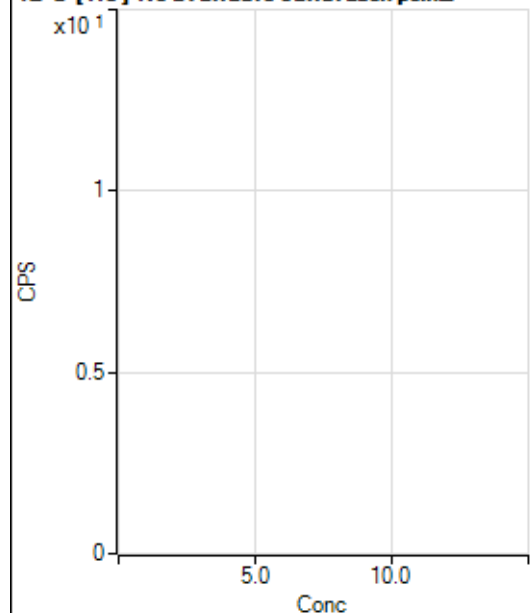
Weight: <None>

Min Conc: 0

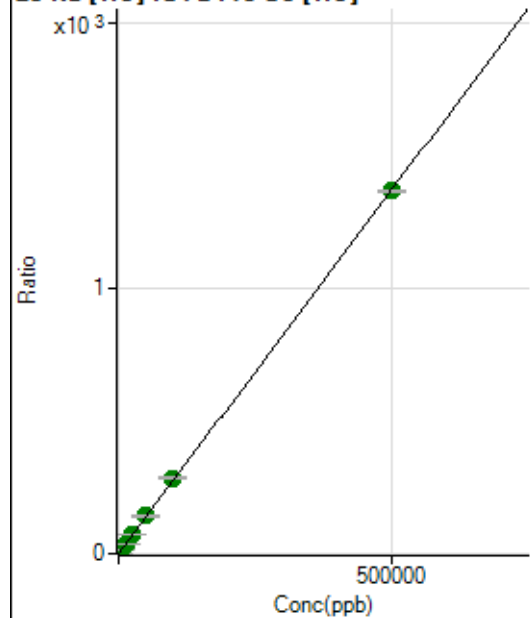
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3494307.76		A	2.7
2	☐			3558747.76		A	0.7
3	☐			3672983.87		A	0.9
4	☐			3645157.83		A	1.4
5	☐			3688682.27		A	0.2
6	☐			3856395.26		A	1.5
7	☐			4241691.74		A	0.7
8	☐			3658166.40		A	0.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23207.27		P	0.2
2	☐			23932.90		P	2.2
3	☐			24172.19		P	2.5
4	☐			24073.07		P	2.2
5	☐			25158.33		P	0.6
6	☐			27113.93		P	0.5
7	☐			30871.31		P	1.5
8	☐			32080.57		P	1.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20029.39	0.1097	P	1.9
2	☐	500.000	578.436	312049.14	1.6961	P	0.9
3	☐	5000.000	5164.908	2593112.93	14.2752	A	0.3
4	☐	12500.000	12498.135	6099506.99	34.3877	A	1.3
5	☐	25000.000	25415.218	12277679.96	69.8147	A	2.1
6	☐	50000.000	51754.012	24604341.58	142.0528	A	1.4
7	☐	100000.00	104365.47	49666256.48	286.3476	A	0.8
8	☐	500000.00	498929.06	220457838.9	1,368.497	A	0.2

$$y = 0.0027 * x + 0.1097$$

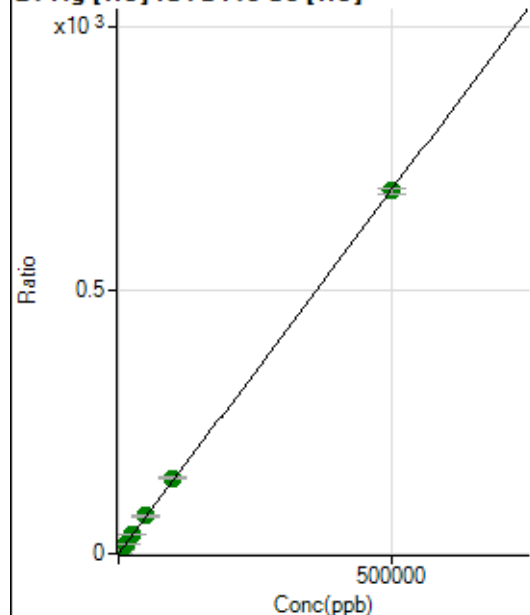
$$R = 1.0000$$

$$DL = 2.263$$

$$BEC = 39.99$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	854.48	0.0047	P	22.9
2	☐	500.000	585.243	149715.01	0.8138	P	0.6
3	☐	5000.000	5297.727	1331237.04	7.3291	A	2.2
4	☐	12500.000	12722.772	3120824.99	17.5945	A	1.3
5	☐	25000.000	25637.497	6234283.66	35.4498	A	1.9
6	☐	50000.000	51787.870	12402296.62	71.6040	A	1.3
7	☐	100000.00	104399.31	25035823.52	144.3419	A	0.7
8	☐	500000.00	498900.84	111111866.1	689.7599	A	1.9

$$y = 0.0014 * x + 0.0047$$

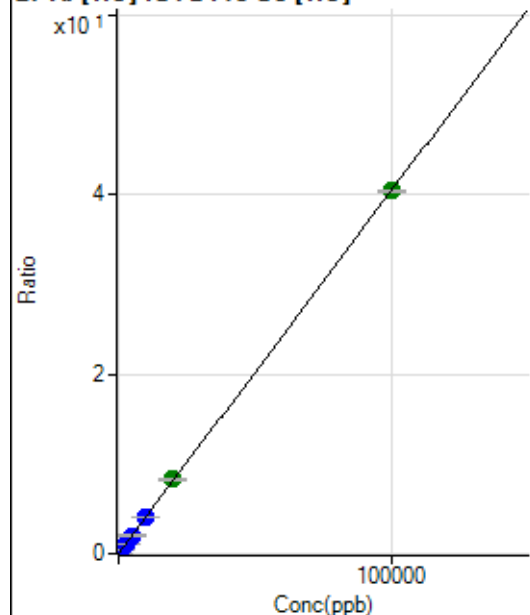
$$R = 1.0000$$

$$DL = 2.329$$

$$BEC = 3.385$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	120.00	0.0007	P	12.6
2	☐	20.000	20.507	1645.67	0.0089	P	4.4
3	☐	1000.000	1015.358	74680.51	0.4111	P	1.3
4	☐	2500.000	2480.581	177982.67	1.0034	P	0.7
5	☐	5000.000	4997.929	355392.67	2.0209	P	2.3
6	☐	10000.000	10065.246	704831.33	4.0693	P	1.5
7	☐	20000.000	20468.253	1435174.03	8.2745	A	1.2
8	☐	100000.00	99900.260	6505497.96	40.3829	A	0.4

$$y = 4.0423E-004 * x + 6.5744E-004$$

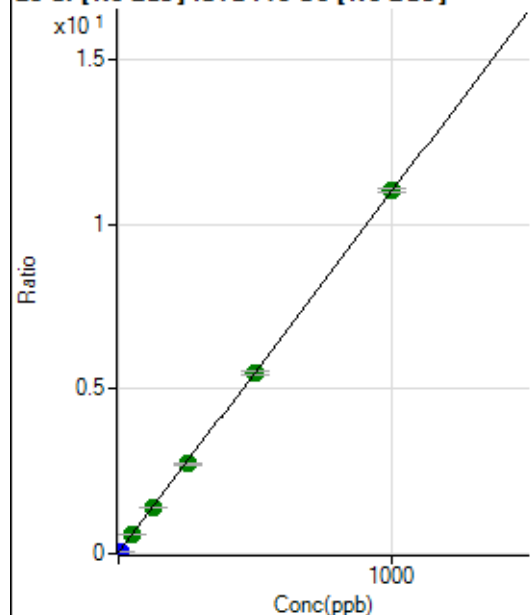
$$R = 1.0000$$

$$DL = 0.6141$$

$$BEC = 1.626$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	461970.89	0.0452	P	0.9
2	☐	10.000	0.933	568893.56	0.0554	P	2.4
3	☐	50.000	50.462	6142571.99	0.5970	A	1.8
4	☐	125.000	123.524	13888261.32	1.3958	A	1.2
5	☐	250.000	244.413	27253480.15	2.7176	A	1.8
6	☐	500.000	498.554	53309077.54	5.4964	A	1.9
7	☐	1000.000	1002.372	103999459.5	11.0052	A	1.2
8	☐			653995.66	0.0732	P	3.9

$$y = 0.0109 * x + 0.0452$$

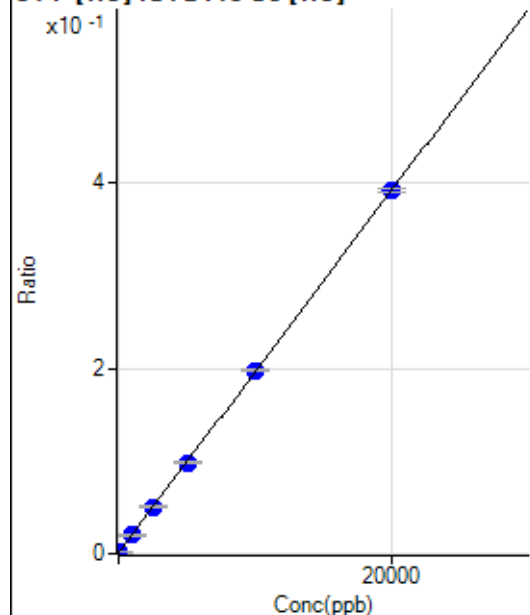
$$R = 1.0000$$

$$DL = 0.1093$$

$$BEC = 4.134$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.467	112.22	0.0006	P	27.7
2	☐	0.000	13.467	210.00	0.0011	P	6.9
3	☐	1000.000	976.181	3627.16	0.0200	P	3.5
4	☐	2500.000	2513.071	8873.90	0.0500	P	3.3
5	☐	5000.000	4952.468	17190.30	0.0977	P	2.1
6	☐	10000.000	10070.910	34267.12	0.1978	P	0.6
7	☐	20000.000	19975.985	67910.09	0.3915	P	1.0
8	☐			127.78	0.0008	P	10.2

$$y = 1.9556E-005 * x + 8.7868E-004$$

$$R = 1.0000$$

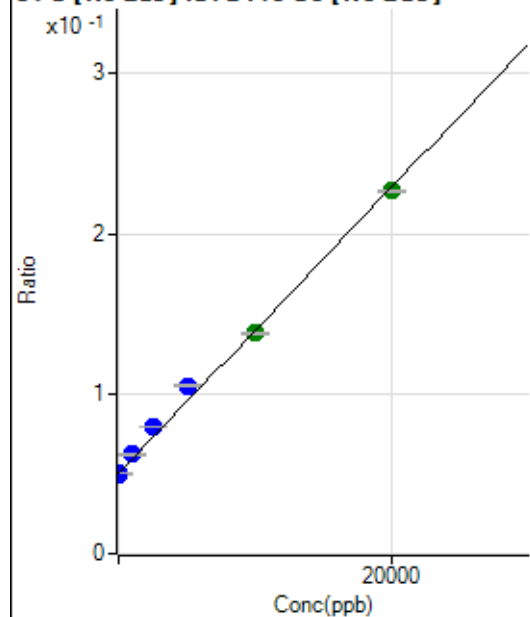
$$DL = 19.07$$

$$BEC = 44.93$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-60.337	507671.13	0.0497	P	1.1
2	☐	0.000	60.337	521099.44	0.0508	P	0.3
3	☐	1000.000	1346.914	640649.83	0.0623	P	1.4
4	☐	2500.000	3235.853	787544.61	0.0792	P	0.7
5	☐	5000.000	6097.342	1050468.41	0.1047	P	0.8
6	☐	10000.000	9772.803	1334730.84	0.1376	A	1.4
7	☐	20000.000	19729.936	2142103.79	0.2267	A	0.7
8	☐			437799.11	0.0490	P	0.4

$$y = 8.9435E-006 * x + 0.0502$$

$$R = 0.9978$$

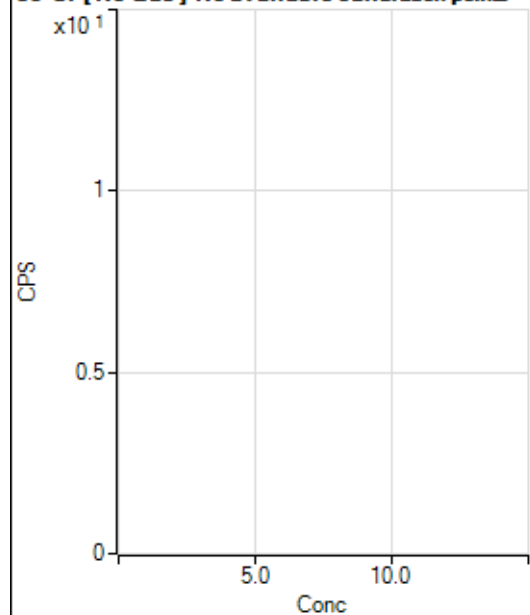
$$DL = 112.7$$

$$BEC = 5615$$

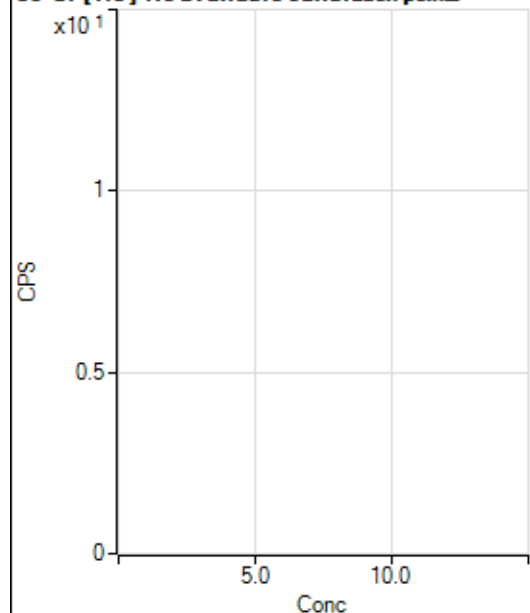
Weight: <None>

Min Conc: 0

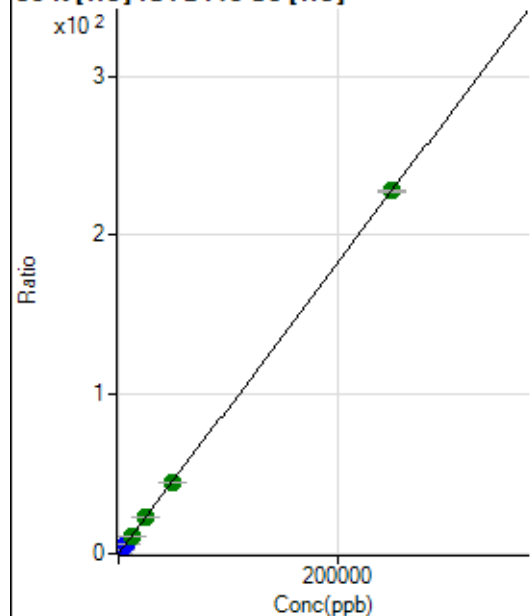
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			93331.37		P	0.3
2	☐			98184.36		P	0.9
3	☐			101681.29		P	0.5
4	☐			116315.96		P	1.6
5	☐			117082.96		P	1.1
6	☐			134773.84		P	1.2
7	☐			168550.50		P	3.0
8	☐			126925.88		P	0.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			306.67		P	11.3
2	☐			337.79		P	14.0
3	☐			330.01		P	5.0
4	☐			390.01		P	9.9
5	☐			390.01		P	13.2
6	☐			436.68		P	17.9
7	☐			576.68		P	9.6
8	☐			464.46		P	11.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10739.64	0.0588	P	1.1
2	☐	500.000	532.812	100116.49	0.5442	P	1.6
3	☐	2500.000	2456.079	417135.98	2.2964	P	0.6
4	☐	6250.000	6054.509	988848.79	5.5747	P	0.7
5	☐	12500.000	12141.766	1955834.87	11.1205	A	1.4
6	☐	25000.000	24799.380	3923393.73	22.6521	A	1.9
7	☐	50000.000	49269.909	7795828.21	44.9458	A	0.7
8	☐	250000.00	250189.25	36728763.90	227.9921	A	0.3

$$y = 9.1104\text{E-}004 * x + 0.0588$$

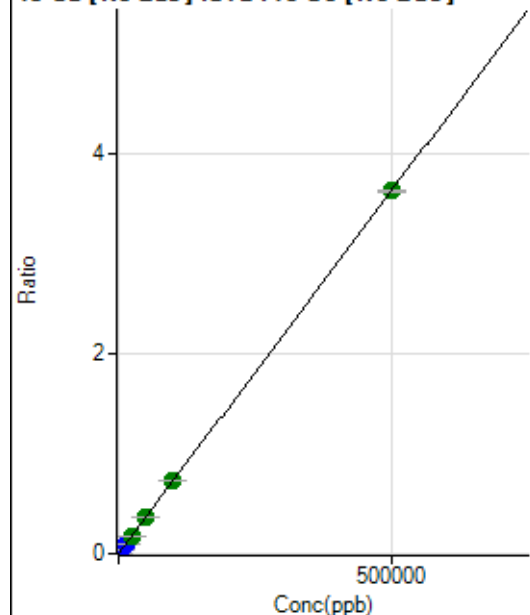
$$R = 1.0000$$

$$DL = 2.192$$

$$BEC = 64.56$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1023.38	0.0001	P	9.2
2	☐	500.000	554.932	42337.63	0.0041	P	0.8
3	☐	5000.000	4928.901	368767.54	0.0358	P	1.0
4	☐	12500.000	12000.834	866706.55	0.0871	P	1.1
5	☐	25000.000	24297.845	1767781.78	0.1763	A	1.0
6	☐	50000.000	50238.799	3533864.91	0.3644	A	1.3
7	☐	100000.00	101027.10	6923315.87	0.7326	A	0.6
8	☐	500000.00	499818.94	32397894.52	3.6240	A	0.4

$$y = 7.2505\text{E-}006 * x + 1.0010\text{E-}004$$

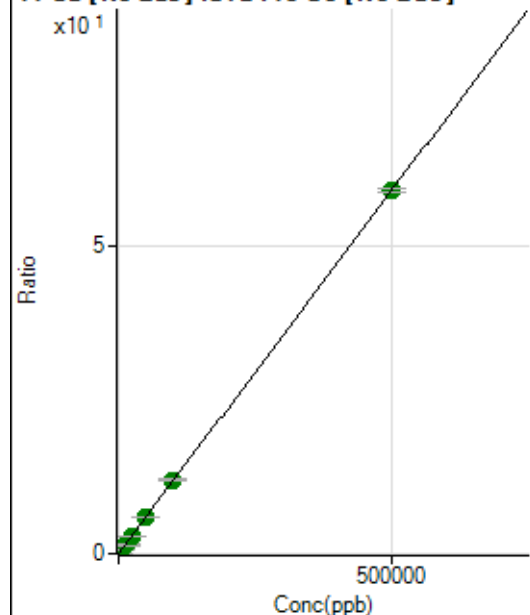
$$R = 1.0000$$

$$DL = 3.799$$

$$BEC = 13.81$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23168.30	0.0023	P	1.4
2	☐	500.000	547.000	685591.24	0.0668	P	0.7
3	☐	5000.000	4854.567	5914766.09	0.5748	A	0.5
4	☐	12500.000	11950.606	14044437.71	1.4116	A	1.6
5	☐	25000.000	24057.757	28475867.63	2.8394	A	0.9
6	☐	50000.000	49687.887	56856184.71	5.8620	A	1.2
7	☐	100000.00	101648.30	113308011.6	11.9898	A	1.5
8	☐	500000.00	499763.80	526905956.5	58.9403	A	0.9

$$y = 1.1793\text{E-}004 * x + 0.0023$$

$$R = 1.0000$$

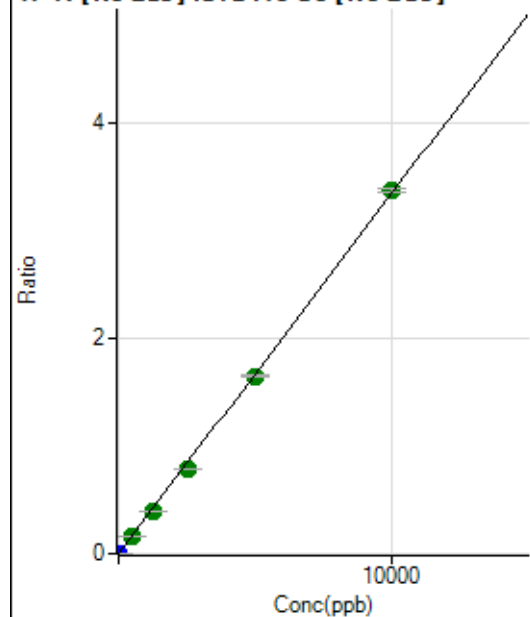
$$DL = 0.8226$$

$$BEC = 19.22$$

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	538.90	0.0001	P	6.4
2	☐	5.000	5.541	19541.20	0.0019	P	1.7
3	☐	500.000	485.338	1668462.74	0.1621	A	1.0
4	☐	1250.000	1189.838	3954139.49	0.3974	A	0.8
5	☐	2500.000	2359.010	7901866.69	0.7879	A	0.3
6	☐	5000.000	4924.102	15950690.18	1.6446	A	1.1
7	☐	10000.000	10081.450	31819184.53	3.3670	A	0.9
8	☐			3231.50	0.0004	P	4.6

$$y = 3.3397\text{E-}004 * x + 5.2726\text{E-}005$$

$$R = 0.9998$$

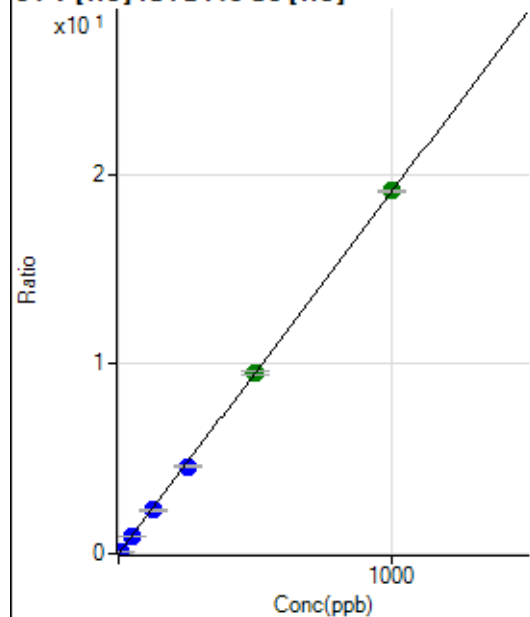
$$DL = 0.03025$$

$$BEC = 0.1579$$

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	18.89	0.0001	P	10.4
2	☐	5.000	5.590	19602.37	0.1065	P	0.7
3	☐	50.000	48.916	169217.08	0.9315	P	0.6
4	☐	125.000	119.856	404843.77	2.2823	P	0.8
5	☐	250.000	240.857	806529.91	4.5864	P	2.2
6	☐	500.000	499.152	1646301.94	9.5046	A	1.7
7	☐	1000.000	1003.404	3313962.73	19.1063	A	0.4
8	☐			856.70	0.0053	P	5.1

$$y = 0.0190 * x + 1.0346\text{E-}004$$

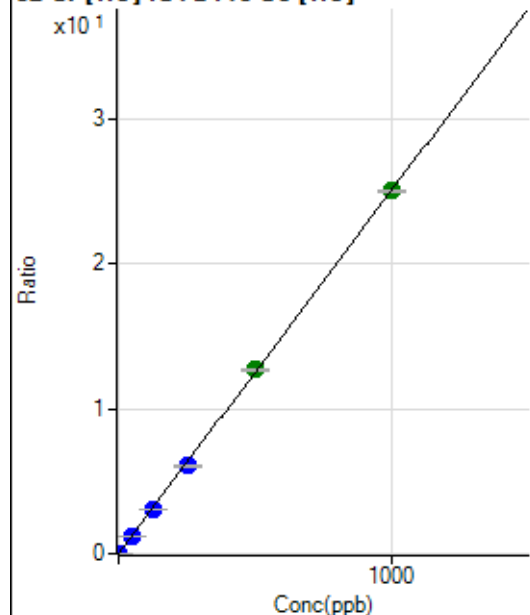
$$R = 0.9999$$

$$DL = 0.001691$$

$$BEC = 0.005434$$

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	1045.60	0.0057	P	3.7
2	☐	2.000	2.173	11063.26	0.0601	P	1.9
3	☐	50.000	49.330	225354.59	1.2406	P	0.5
4	☐	125.000	119.904	533424.00	3.0073	P	1.1
5	☐	250.000	241.172	1062790.22	6.0430	P	1.5
6	☐	500.000	507.822	2202875.35	12.7180	A	0.9
7	☐	1000.000	998.966	4338459.80	25.0128	A	0.8
8	☐			37313.00	0.2316	P	1.5

$$y = 0.0250 * x + 0.0057$$

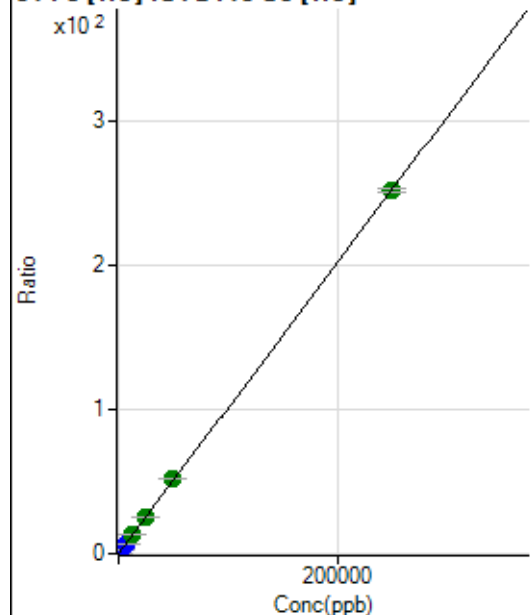
$$R = 0.9999$$

$$DL = 0.02548$$

$$BEC = 0.2288$$

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	661.13	0.0036	P	9.7
2	☐	50.000	57.729	11382.39	0.0619	P	0.4
3	☐	2500.000	2558.683	469631.76	2.5853	P	0.2
4	☐	6250.000	6261.132	1121232.39	6.3211	P	1.0
5	☐	12500.000	12826.608	2276942.97	12.9457	A	1.1
6	☐	25000.000	25521.751	4460987.64	25.7552	A	1.2
7	☐	50000.000	51321.379	8982433.62	51.7872	A	0.2
8	☐	250000.00	249666.35	40582334.39	251.9183	A	1.0

$$y = 0.0010 * x + 0.0036$$

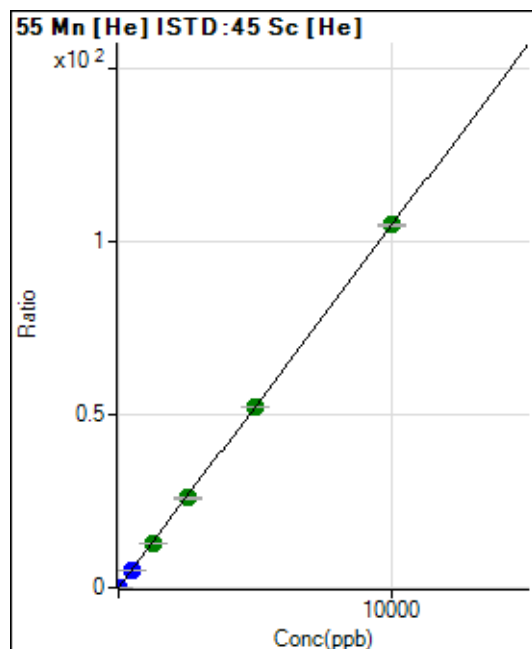
$$R = 1.0000$$

$$DL = 1.049$$

$$BEC = 3.589$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1969.05	0.0108	P	2.8
2	☐	1.000	1.137	4172.87	0.0227	P	1.8
3	☐	500.000	495.814	944678.54	5.2007	P	1.0
4	☐	1250.000	1234.924	2294917.19	12.9374	A	0.7
5	☐	2500.000	2469.704	4548425.87	25.8624	A	1.8
6	☐	5000.000	4987.225	9044442.02	52.2146	A	0.5
7	☐	10000.000	10016.055	18186562.37	104.8540	A	0.6
8	☐			11668.17	0.0724	P	0.6

$$y = 0.0105 * x + 0.0108$$

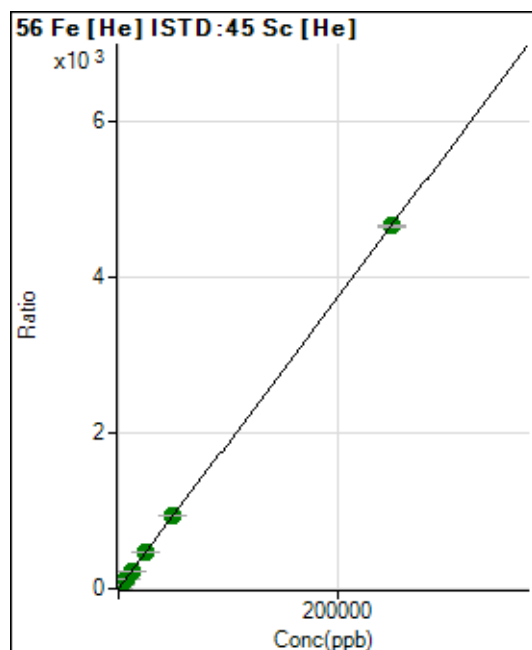
$$R = 1.0000$$

$$DL = 0.08649$$

$$BEC = 1.03$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8855.08	0.0485	P	6.4
2	☐	50.000	56.439	202493.19	1.1007	P	0.3
3	☐	2500.000	2543.324	8621334.67	47.4619	A	0.5
4	☐	6250.000	6263.805	20720940.94	116.8201	A	1.2
5	☐	12500.000	12489.352	40958071.06	232.8785	A	1.3
6	☐	25000.000	25240.167	81510722.67	470.5828	A	1.0
7	☐	50000.000	50392.496	162951046.4	939.4796	A	0.4
8	☐	250000.00	249897.23	750493384.3	4,658.703	A	0.6

$$y = 0.0186 * x + 0.0485$$

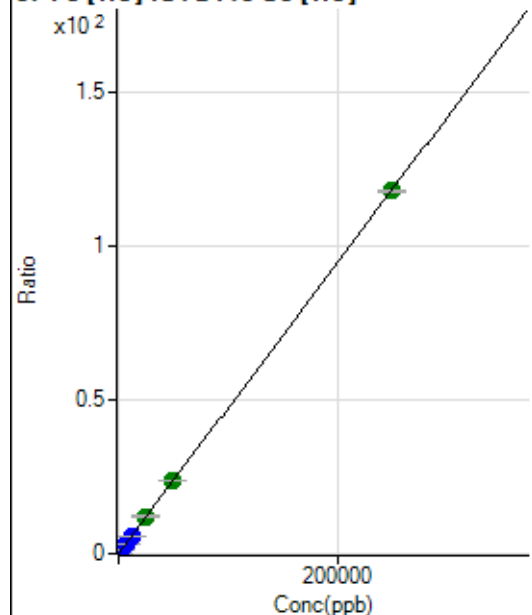
$$R = 1.0000$$

$$DL = 0.5019$$

$$BEC = 2.601$$

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	192.22	0.0011	P	14.8
2	☐	50.000	56.555	5102.07	0.0277	P	3.0
3	☐	2500.000	2535.828	217507.78	1.1974	P	0.8
4	☐	6250.000	6115.684	511979.31	2.8863	P	0.7
5	☐	12500.000	12293.554	1020264.31	5.8010	P	1.4
6	☐	25000.000	25738.287	2103618.56	12.1440	A	0.9
7	☐	50000.000	50524.240	4134483.13	23.8376	A	1.5
8	☐	250000.00	249834.64	18987923.47	117.8692	A	0.6

$$y = 4.7178\text{E-}004 * x + 0.0011$$

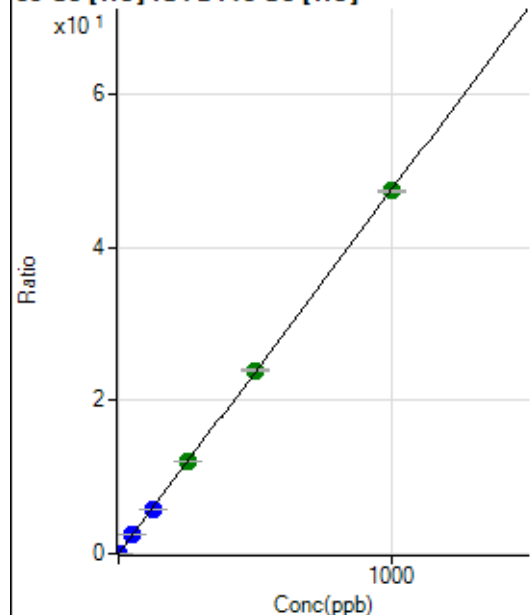
R = 1.0000

DL = 0.9889

BEC = 2.232

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	245.56	0.0013	P	13.2
2	☐	1.000	1.164	10403.86	0.0566	P	2.5
3	☐	50.000	50.431	434988.73	2.3946	P	0.0
4	☐	125.000	121.352	1021712.20	5.7603	P	1.5
5	☐	250.000	253.229	2113888.69	12.0187	A	1.1
6	☐	500.000	504.137	4144325.25	23.9258	A	1.0
7	☐	1000.000	997.559	8211306.06	47.3418	A	0.7
8	☐			16501.88	0.1024	P	1.1

$$y = 0.0475 * x + 0.0013$$

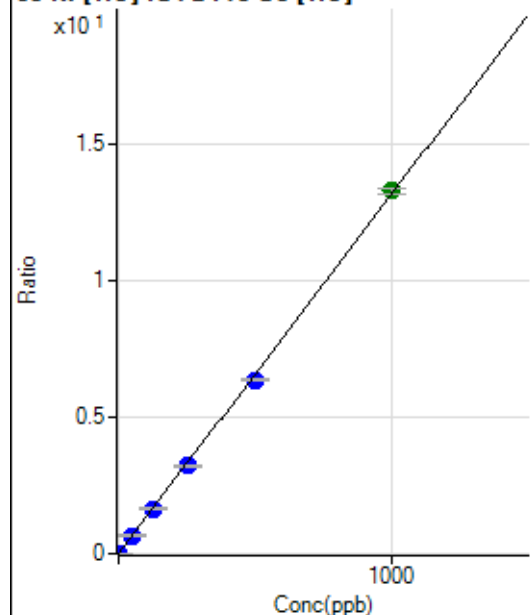
R = 1.0000

DL = 0.01118

BEC = 0.02834

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.90	0.0016	P	20.3
2	☐	1.000	1.195	3187.06	0.0173	P	2.6
3	☐	50.000	50.624	121392.46	0.6683	P	0.4
4	☐	125.000	125.418	293233.56	1.6532	P	1.8
5	☐	250.000	244.202	565838.70	3.2175	P	1.9
6	☐	500.000	483.738	1103739.12	6.3720	P	0.3
7	☐	1000.000	1009.497	2306075.59	13.2958	A	1.5
8	☐			10628.49	0.0660	P	1.5

$$y = 0.0132 * x + 0.0016$$

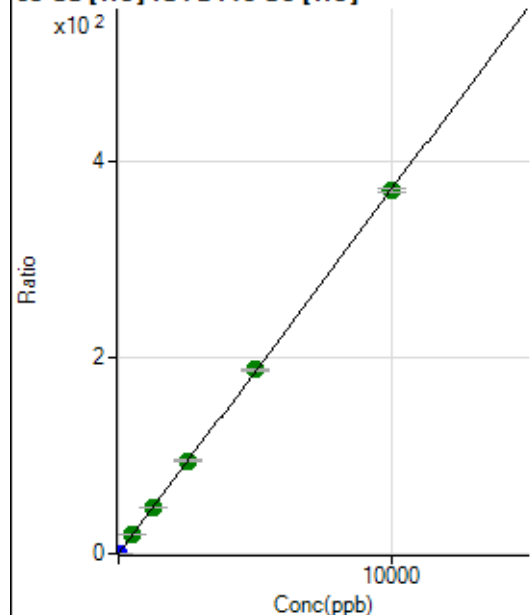
$$R = 0.9998$$

$$DL = 0.07326$$

$$BEC = 0.1202$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1331.19	0.0073	P	5.7
2	☐	2.000	2.371	17533.15	0.0953	P	0.6
3	☐	500.000	531.509	3585356.54	19.7374	A	0.2
4	☐	1250.000	1257.603	8282066.27	46.6906	A	0.5
5	☐	2500.000	2551.227	16655556.84	94.7111	A	2.1
6	☐	5000.000	5048.099	32458894.80	187.3971	A	1.4
7	☐	10000.000	9960.618	64132239.04	369.7540	A	1.0
8	☐			16804.47	0.1043	P	1.4

$$y = 0.0371 * x + 0.0073$$

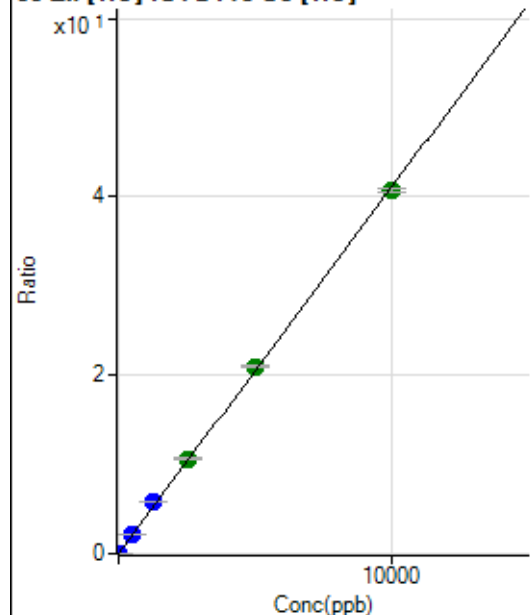
$$R = 1.0000$$

$$DL = 0.03371$$

$$BEC = 0.1964$$

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	402.23	0.0022	P	6.6
2	☐	2.000	5.461	4528.55	0.0246	P	1.7
3	☐	500.000	510.687	381199.86	2.0986	P	0.4
4	☐	1250.000	1409.325	1026554.13	5.7874	P	1.1
5	☐	2500.000	2592.128	1871884.80	10.6428	A	1.2
6	☐	5000.000	5104.619	3629809.25	20.9565	A	1.2
7	☐	10000.000	9904.208	7052088.58	40.6586	A	1.0
8	☐			40361.66	0.2506	P	2.1

$$y = 0.0041 * x + 0.0022$$

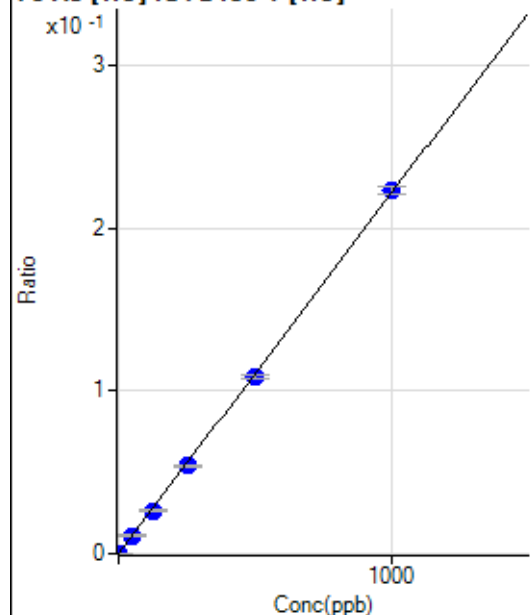
$$R = 0.9998$$

$$DL = 0.106$$

$$BEC = 0.5365$$

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	5.56	0.0000	P	34.7
2	☐	1.000	1.099	531.13	0.0002	P	14.5
3	☐	50.000	50.369	23184.67	0.0112	P	2.3
4	☐	125.000	119.661	54682.16	0.0265	P	1.5
5	☐	250.000	243.861	109432.69	0.0540	P	1.5
6	☐	500.000	491.207	217228.59	0.1088	P	1.4
7	☐	1000.000	1006.580	435997.48	0.2230	P	2.0
8	☐			211.12	0.0001	P	6.8

$$y = 2.2154E-004 * x + 2.5668E-006$$

$$R = 0.9999$$

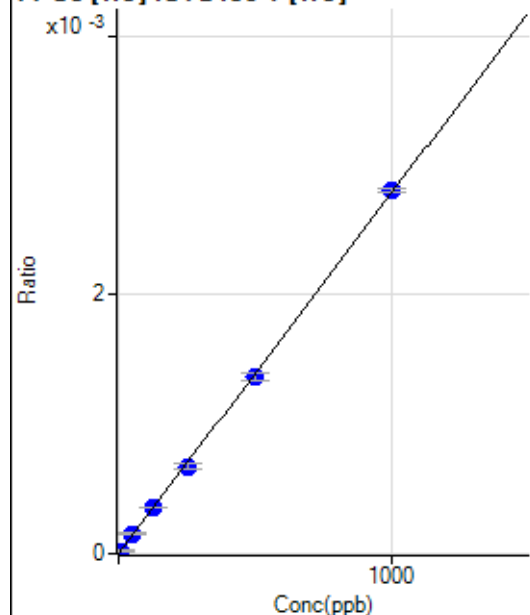
$$DL = 0.01207$$

$$BEC = 0.01159$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	7.399	44.45	0.0000	P	30.8
3	☐	50.000	54.319	314.45	0.0002	P	6.8
4	☐	125.000	128.676	740.03	0.0004	P	1.3
5	☐	250.000	241.829	1365.63	0.0007	P	5.4
6	☐	500.000	490.381	2728.07	0.0014	P	5.3
7	☐	1000.000	1006.165	5485.57	0.0028	P	1.2
8	☐			4.44	0.0000	P	115.

$$y = 2.7881\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

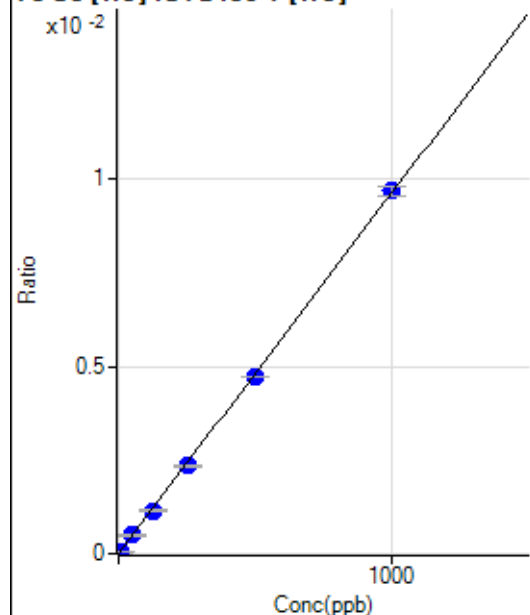
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15.56	0.0000	P	61.9
2	☐	5.000	4.774	114.45	0.0001	P	12.5
3	☐	50.000	50.772	1027.83	0.0005	P	10.1
4	☐	125.000	118.554	2364.67	0.0011	P	3.3
5	☐	250.000	243.813	4760.85	0.0024	P	1.7
6	☐	500.000	490.948	9434.35	0.0047	P	0.2
7	☐	1000.000	1006.841	18931.68	0.0097	P	2.7
8	☐			28.89	0.0000	P	32.3

$$y = 9.6108\text{E-}006 * x + 7.1863\text{E-}006$$

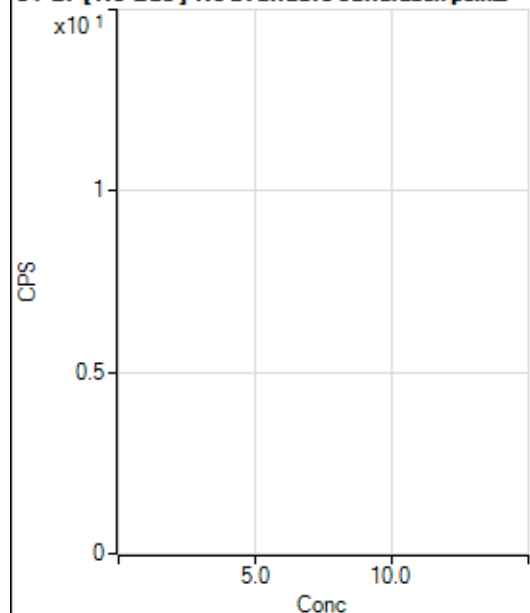
$$R = 0.9999$$

$$DL = 1.388$$

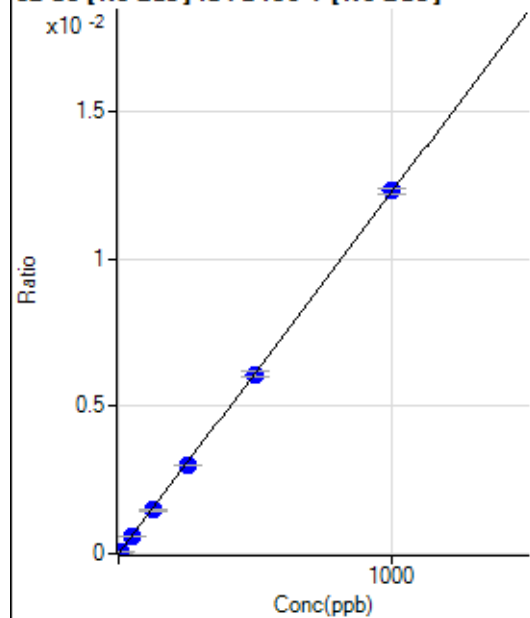
$$BEC = 0.7477$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27553.79		P	1.2
2	☐			26991.64		P	0.9
3	☐			27521.50		P	3.1
4	☐			27079.54		P	1.8
5	☐			27008.29		P	1.8
6	☐			26087.69		P	1.6
7	☐			25754.83		P	1.8
8	☐			24125.28		P	2.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.11	0.0000	P	143.
2	☐	5.000	5.690	2102.44	0.0001	P	3.5
3	☐	50.000	50.163	18088.80	0.0006	P	0.7
4	☐	125.000	119.908	42633.26	0.0015	P	1.1
5	☐	250.000	244.474	85827.96	0.0030	P	0.1
6	☐	500.000	496.773	172121.70	0.0061	P	2.7
7	☐	1000.000	1003.620	338976.17	0.0123	P	1.8
8	☐			251.12	0.0000	P	25.1

$$y = 1.2250E-005 * x + 7.1605E-007$$

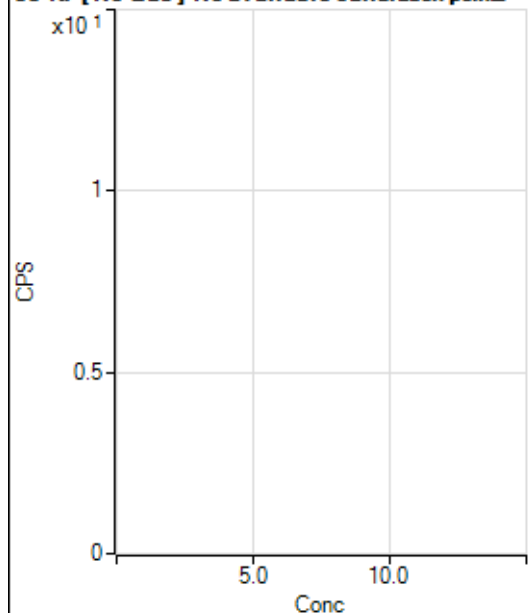
$$R = 1.0000$$

$$DL = 0.2509$$

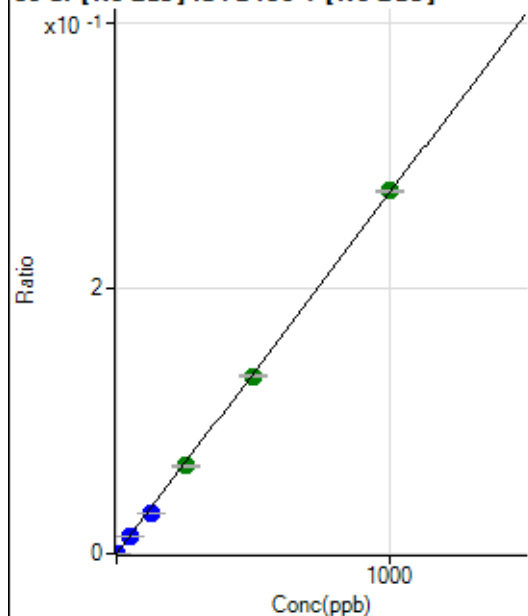
$$BEC = 0.05845$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			274.45		P	9.9
2	☐			278.90		P	5.0
3	☐			321.12		P	15.0
4	☐			301.12		P	7.2
5	☐			307.79		P	10.5
6	☐			314.45		P	7.2
7	☐			378.90		P	4.4
8	☐			347.79		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	467.79	0.0000	P	3.6
2	☐	1.000	1.030	8818.42	0.0003	P	0.3
3	☐	50.000	47.337	378171.78	0.0129	P	1.5
4	☐	125.000	113.688	895552.03	0.0309	P	1.2
5	☐	250.000	243.953	1897315.60	0.0662	A	1.1
6	☐	500.000	492.898	3784044.25	0.1338	A	1.1
7	☐	1000.000	1006.610	7532442.67	0.2732	A	0.8
8	☐			23667.86	0.0009	P	0.5

$$y = 2.7139E-004 * x + 1.5804E-005$$

$$R = 0.9999$$

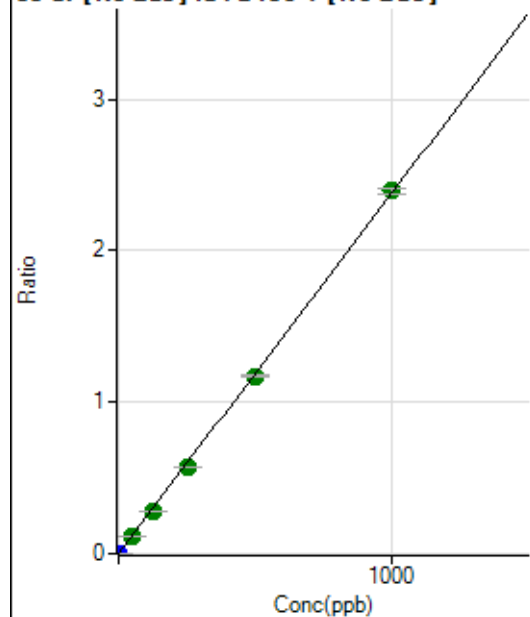
$$DL = 0.006353$$

$$BEC = 0.05823$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	555.57	0.0000	P	6.6
2	☐	1.000	1.052	75184.11	0.0025	P	0.9
3	☐	50.000	48.486	3388569.43	0.1152	A	0.6
4	☐	125.000	118.031	8138566.34	0.2805	A	1.3
5	☐	250.000	239.958	16340183.92	0.5703	A	0.7
6	☐	500.000	492.511	33106308.95	1.1705	A	1.5
7	☐	1000.000	1007.202	65994832.35	2.3937	A	1.3
8	☐			203300.87	0.0077	P	1.0

$$y = 0.0024 * x + 1.8775E-005$$

R = 0.9999

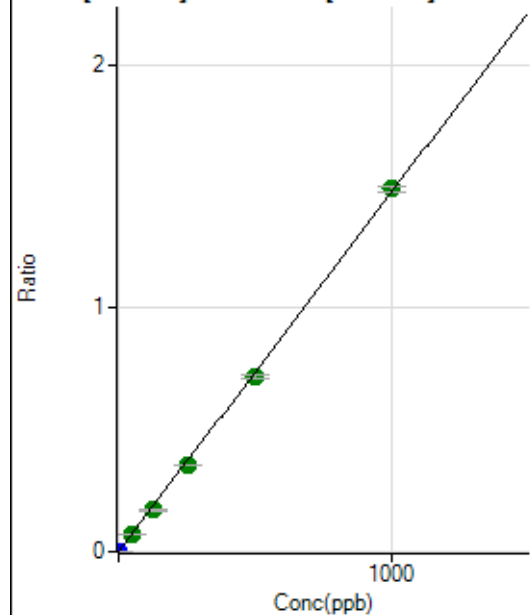
DL = 0.001558

BEC = 0.0079

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1376.77	0.0000	P	9.9
2	☐	1.000	1.036	47081.44	0.0016	P	1.5
3	☐	50.000	48.214	2095003.13	0.0713	A	0.6
4	☐	125.000	115.996	4970370.55	0.1714	A	2.3
5	☐	250.000	240.263	10167453.18	0.3549	A	1.2
6	☐	500.000	488.383	20400495.80	0.7213	A	1.8
7	☐	1000.000	1009.457	41101591.05	1.4908	A	1.8
8	☐			19532.63	0.0007	P	1.0

$$y = 0.0015 * x + 4.6541E-005$$

R = 0.9998

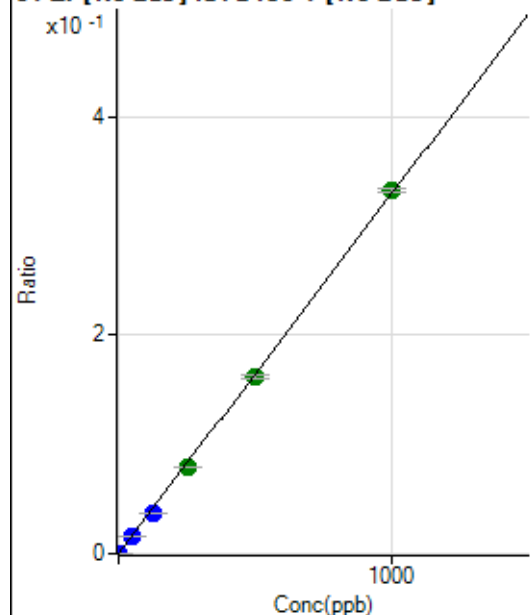
DL = 0.009399

BEC = 0.03151

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	246.67	0.0000	P	3.2
2	☐	1.000	1.026	10339.46	0.0003	P	3.4
3	☐	50.000	46.761	453151.83	0.0154	P	1.3
4	☐	125.000	112.675	1077023.46	0.0371	P	1.3
5	☐	250.000	240.302	2268404.41	0.0792	A	1.1
6	☐	500.000	491.124	4575774.79	0.1618	A	2.5
7	☐	1000.000	1008.565	9160511.60	0.3323	A	1.1
8	☐			4329.60	0.0002	P	2.9

$$y = 3.2943\text{E-}004 * x + 8.3340\text{E-}006$$

$$R = 0.9998$$

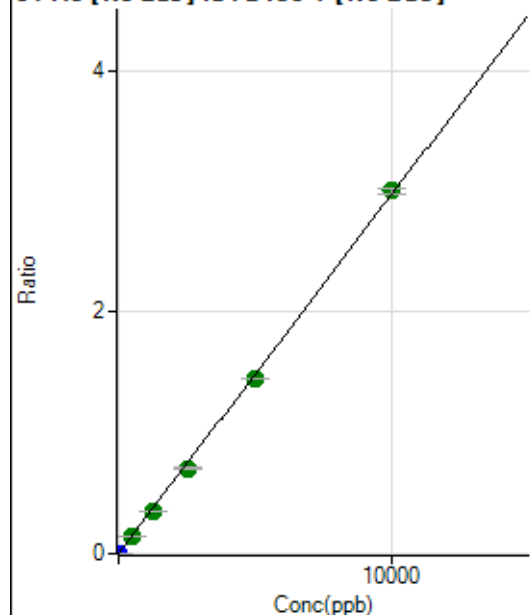
$$DL = 0.002453$$

$$BEC = 0.0253$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	555.57	0.0000	P	12.1
2	☐	5.000	6.156	55172.13	0.0018	P	0.4
3	☐	500.000	483.888	4227938.03	0.1438	A	0.4
4	☐	1250.000	1159.338	9994099.64	0.3445	A	0.8
5	☐	2500.000	2374.522	20214429.00	0.7055	A	0.8
6	☐	5000.000	4877.490	40992308.83	1.4492	A	0.9
7	☐	10000.000	10104.762	82775206.54	3.0024	A	1.5
8	☐			16683.45	0.0006	P	3.8

$$y = 2.9712\text{E-}004 * x + 1.8765\text{E-}005$$

$$R = 0.9998$$

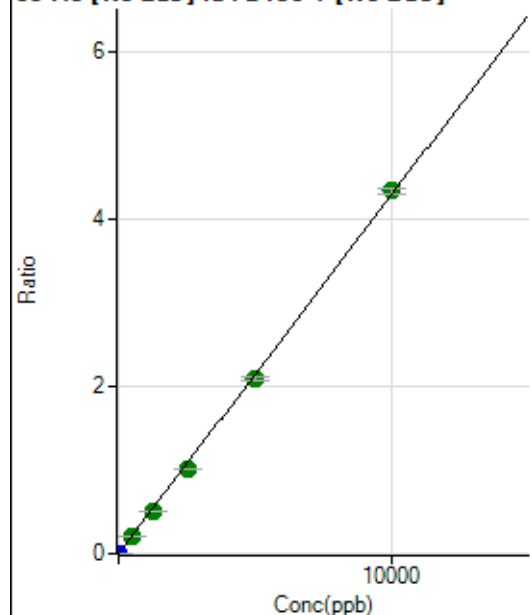
$$DL = 0.02301$$

$$BEC = 0.06315$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	195.56	0.0000	P	5.0
2	☐	5.000	5.165	66339.44	0.0022	P	0.8
3	☐	500.000	481.694	6074572.06	0.2066	A	1.0
4	☐	1250.000	1160.713	14442818.26	0.4978	A	0.7
5	☐	2500.000	2379.038	29235625.68	1.0204	A	0.2
6	☐	5000.000	4865.849	59026684.12	2.0870	A	1.6
7	☐	10000.000	10109.392	119541244.8	4.3360	A	1.4
8	☐			15730.11	0.0006	P	3.5

$$y = 4.2890\text{E-}004 * x + 6.6091\text{E-}006$$

$$R = 0.9998$$

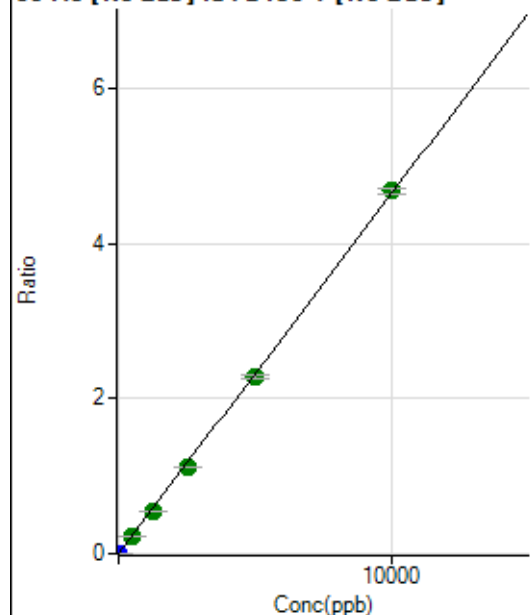
$$DL = 0.002299$$

$$BEC = 0.01541$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	362.23	0.0000	P	3.4
2	☐	5.000	5.295	73782.24	0.0025	P	1.0
3	☐	500.000	488.802	6673692.33	0.2270	A	1.5
4	☐	1250.000	1163.389	15671762.13	0.5402	A	1.1
5	☐	2500.000	2401.812	31955724.52	1.1153	A	1.1
6	☐	5000.000	4920.621	64621592.37	2.2849	A	1.9
7	☐	10000.000	10075.623	128985518.0	4.6786	A	1.7
8	☐			29015.96	0.0011	P	2.5

$$y = 4.6434\text{E-}004 * x + 1.2241\text{E-}005$$

$$R = 0.9999$$

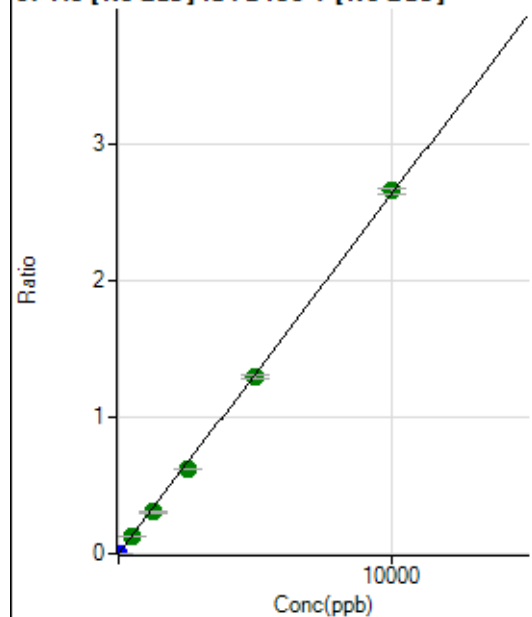
$$DL = 0.002701$$

$$BEC = 0.02636$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.67	0.0000	P	6.8
2	☐	5.000	5.235	41271.22	0.0014	P	1.1
3	☐	500.000	489.522	3787363.10	0.1288	A	2.2
4	☐	1250.000	1154.754	8815007.44	0.3039	A	1.6
5	☐	2500.000	2370.538	17873383.21	0.6238	A	0.9
6	☐	5000.000	4900.348	36469749.18	1.2895	A	2.1
7	☐	10000.000	10094.621	73236043.35	2.6564	A	1.6
8	☐			9347.67	0.0004	P	5.4

$$y = 2.6315E-004 * x + 4.6187E-006$$

$$R = 0.9998$$

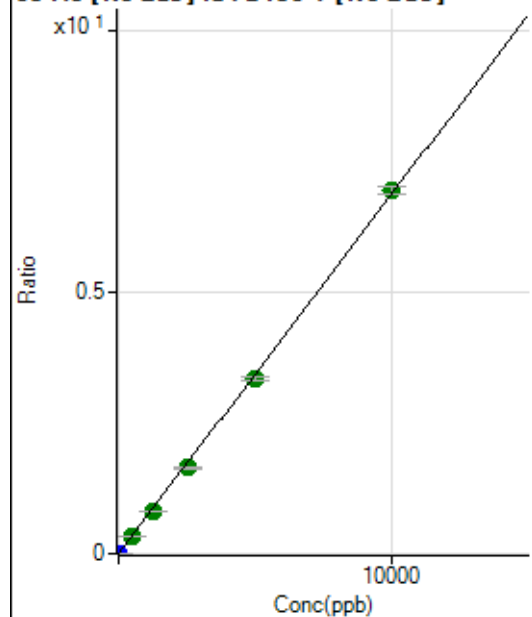
$$DL = 0.003587$$

$$BEC = 0.01755$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.34	0.0000	P	20.2
2	☐	5.000	5.179	106446.48	0.0036	P	0.8
3	☐	500.000	486.603	9818624.99	0.3340	A	2.0
4	☐	1250.000	1169.567	23285707.71	0.8027	A	1.8
5	☐	2500.000	2391.609	47028294.86	1.6414	A	1.0
6	☐	5000.000	4882.761	94776706.36	3.3511	A	1.9
7	☐	10000.000	10096.441	191028826.0	6.9292	A	2.2
8	☐			24220.13	0.0009	P	4.4

$$y = 6.8630E-004 * x + 1.0598E-005$$

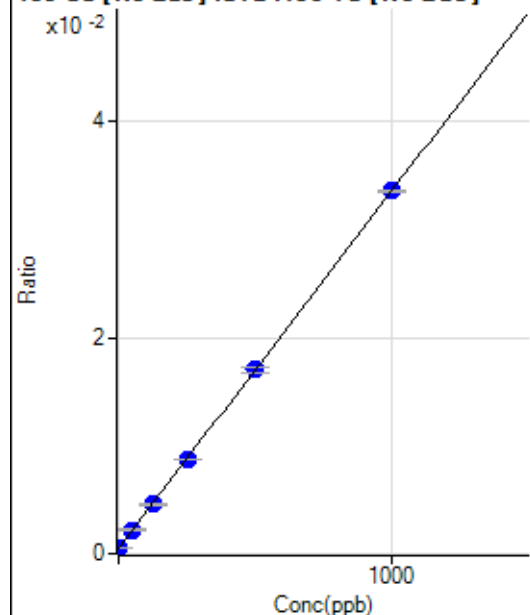
$$R = 0.9998$$

$$DL = 0.009364$$

$$BEC = 0.01544$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9896.96	0.0005	P	2.0
2	☐	1.000	1.622	11151.27	0.0006	P	1.2
3	☐	50.000	52.093	44355.45	0.0022	P	0.8
4	☐	125.000	122.596	89974.02	0.0046	P	1.2
5	☐	250.000	248.516	171751.98	0.0087	P	0.6
6	☐	500.000	499.269	330817.59	0.0170	P	2.8
7	☐	1000.000	1000.932	647367.25	0.0336	P	0.8
8	☐			9059.71	0.0005	P	2.4

$$y = 3.3075E-005 * x + 4.9831E-004$$

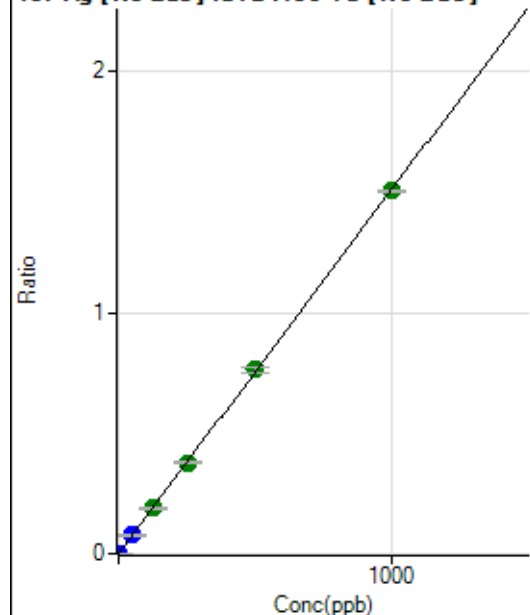
$$R = 1.0000$$

$$DL = 0.9154$$

$$BEC = 15.07$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	183.34	0.0000	P	18.9
2	☐	1.000	1.089	33391.43	0.0017	P	3.7
3	☐	50.000	50.273	1515416.73	0.0759	P	0.5
4	☐	125.000	125.280	3736539.14	0.1891	A	2.2
5	☐	250.000	250.883	7460362.94	0.3787	A	0.8
6	☐	500.000	505.680	14842934.64	0.7633	A	2.7
7	☐	1000.000	996.891	28987054.01	1.5047	A	0.5
8	☐			2811.43	0.0002	P	11.5

$$y = 0.0015 * x + 9.2259E-006$$

$$R = 1.0000$$

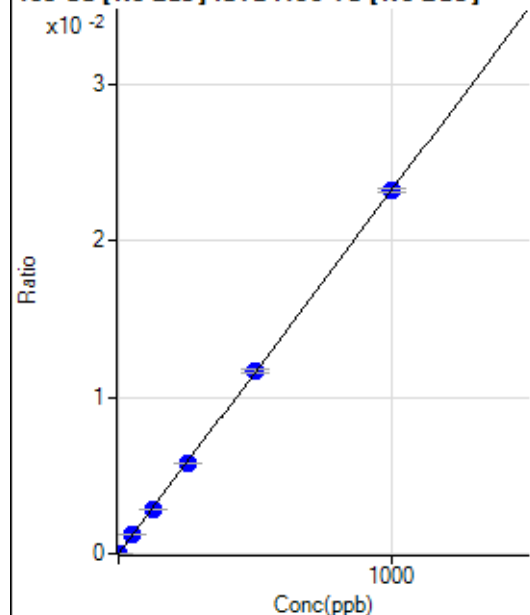
$$DL = 0.003465$$

$$BEC = 0.006112$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	34.44	0.0000	P	57.9
2	☐	1.000	1.149	574.46	0.0000	P	8.5
3	☐	50.000	51.518	23914.11	0.0012	P	1.5
4	☐	125.000	122.667	56303.20	0.0028	P	0.8
5	☐	250.000	248.783	113810.39	0.0058	P	1.8
6	☐	500.000	503.496	227330.71	0.0117	P	2.5
7	☐	1000.000	998.772	446676.86	0.0232	P	1.2
8	☐			218.90	0.0000	P	13.6

$$y = 2.3213\text{E-}005 * x + 1.7289\text{E-}006$$

$$R = 1.0000$$

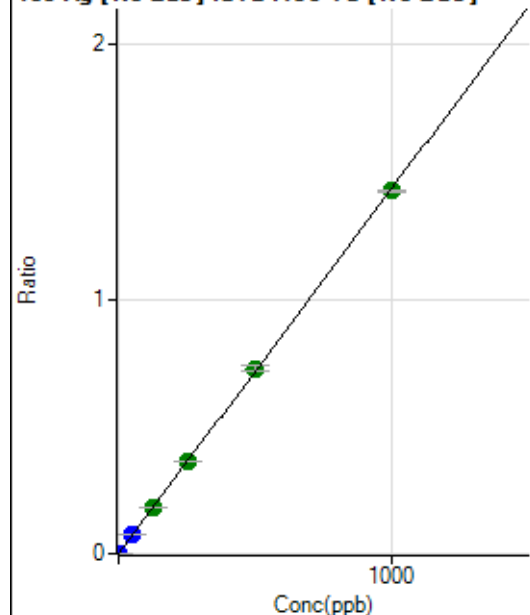
$$DL = 0.1293$$

$$BEC = 0.07448$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.56	0.0000	P	23.7
2	☐	1.000	1.098	31833.43	0.0016	P	4.2
3	☐	50.000	50.626	1447760.38	0.0725	P	0.5
4	☐	125.000	126.015	3565952.58	0.1805	A	0.6
5	☐	250.000	253.609	7154915.17	0.3632	A	0.7
6	☐	500.000	508.690	14166672.43	0.7285	A	2.3
7	☐	1000.000	994.595	27438074.87	1.4243	A	0.8
8	☐			2353.57	0.0001	P	5.6

$$y = 0.0014 * x + 3.8004\text{E-}006$$

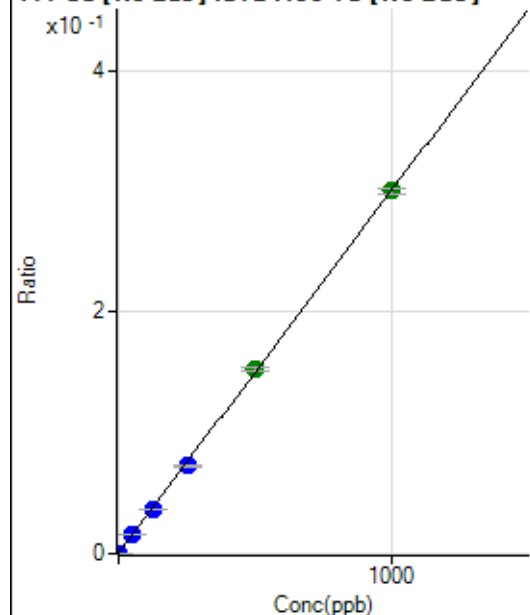
$$R = 0.9999$$

$$DL = 0.001886$$

$$BEC = 0.002654$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6945.98	0.0003	P	2.3
2	☐	1.000	1.181	14232.17	0.0007	P	0.5
3	☐	50.000	50.348	308806.01	0.0155	P	0.9
4	☐	125.000	119.708	717040.52	0.0363	P	1.2
5	☐	250.000	240.848	1431356.59	0.0727	P	0.7
6	☐	500.000	507.611	2970509.69	0.1527	A	1.8
7	☐	1000.000	999.127	5784920.83	0.3003	A	1.9
8	☐			7096.40	0.0004	P	1.9

$$y = 3.0021\text{E-}004 * x + 3.4973\text{E-}004$$

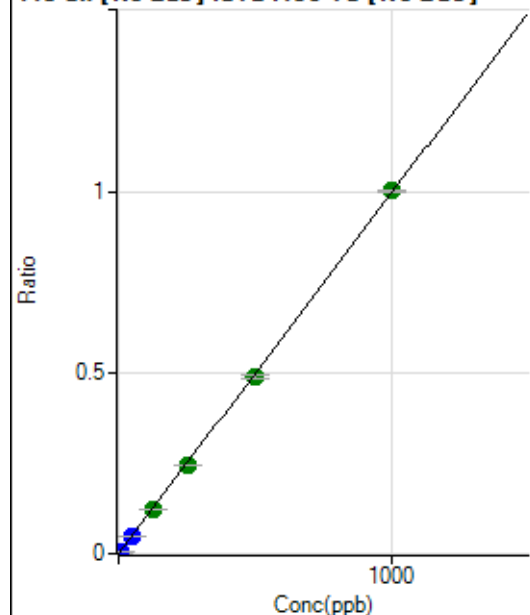
$$R = 0.9999$$

$$DL = 0.08054$$

$$BEC = 1.165$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4050.66	0.0002	P	2.8
2	☐	5.000	5.276	110223.44	0.0055	P	1.1
3	☐	50.000	48.231	962725.52	0.0482	P	0.5
4	☐	125.000	121.305	2389915.88	0.1209	A	0.8
5	☐	250.000	244.245	4793574.03	0.2433	A	1.1
6	☐	500.000	491.721	9522365.20	0.4896	A	2.3
7	☐	1000.000	1006.127	19296756.93	1.0017	A	0.8
8	☐			6698.38	0.0004	P	3.5

$$y = 9.9537\text{E-}004 * x + 2.0394\text{E-}004$$

$$R = 0.9999$$

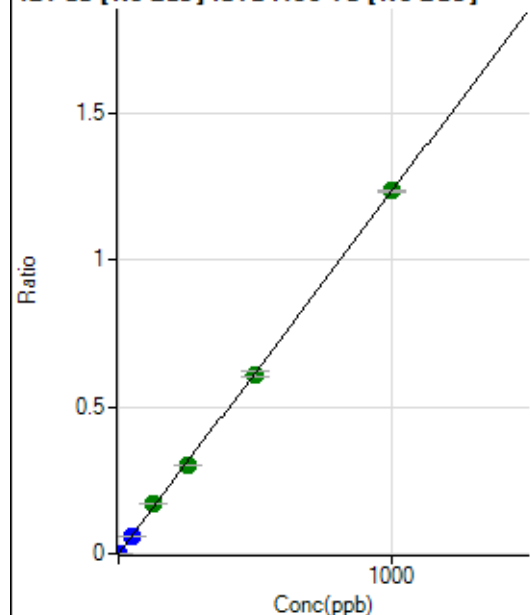
$$DL = 0.01743$$

$$BEC = 0.2049$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.44	0.0000	P	15.2
2	☐	2.000	2.098	52338.46	0.0026	P	1.4
3	☐	50.000	48.572	1196367.36	0.0599	P	0.6
4	☐	125.000	136.566	3328652.35	0.1684	A	0.9
5	☐	250.000	244.643	5944734.08	0.3017	A	1.1
6	☐	500.000	496.200	11901812.46	0.6120	A	2.8
7	☐	1000.000	1001.865	23805361.03	1.2357	A	0.7
8	☐			16860.50	0.0009	P	1.9

$$y = 0.0012 * x + 3.2452E-006$$

$$R = 0.9999$$

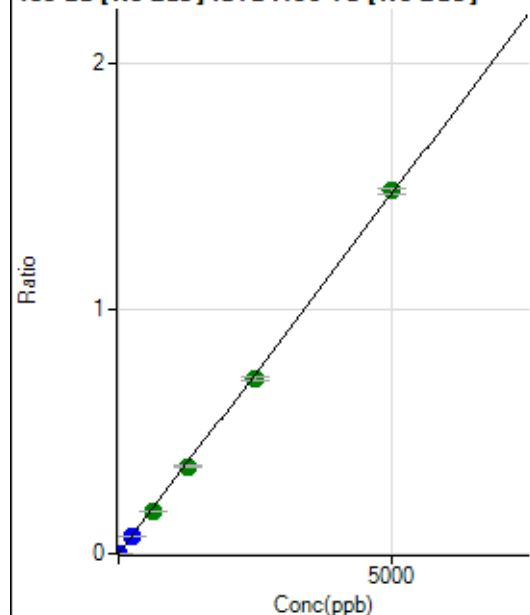
$$DL = 0.001197$$

$$BEC = 0.002631$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.78	0.0000	P	20.0
2	☐	10.000	10.456	62221.94	0.0031	P	2.2
3	☐	250.000	238.877	1401197.48	0.0702	P	1.0
4	☐	625.000	597.767	3469617.10	0.1756	A	0.7
5	☐	1250.000	1208.007	6990230.17	0.3548	A	1.8
6	☐	2500.000	2442.717	13952578.26	0.7175	A	2.4
7	☐	5000.000	5043.099	28534647.35	1.4812	A	1.5
8	☐			10846.65	0.0006	P	1.8

$$y = 2.9371E-004 * x + 8.9596E-006$$

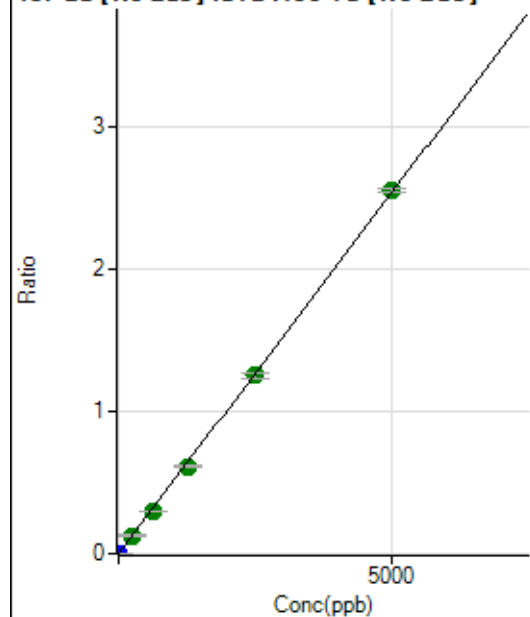
$$R = 0.9999$$

$$DL = 0.01829$$

$$BEC = 0.03051$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	287.78	0.0000	P	10.0
2	☐	10.000	10.664	109615.71	0.0054	P	2.4
3	☐	250.000	253.046	2564614.63	0.1284	A	1.5
4	☐	625.000	593.202	5949041.30	0.3011	A	0.9
5	☐	1250.000	1212.069	12118659.26	0.6151	A	1.4
6	☐	2500.000	2467.606	24353189.92	1.2523	A	2.7
7	☐	5000.000	5029.501	49170995.38	2.5524	A	1.2
8	☐			19088.04	0.0011	P	1.8

$$y = 5.0749\text{E-}004 * x + 1.4481\text{E-}005$$

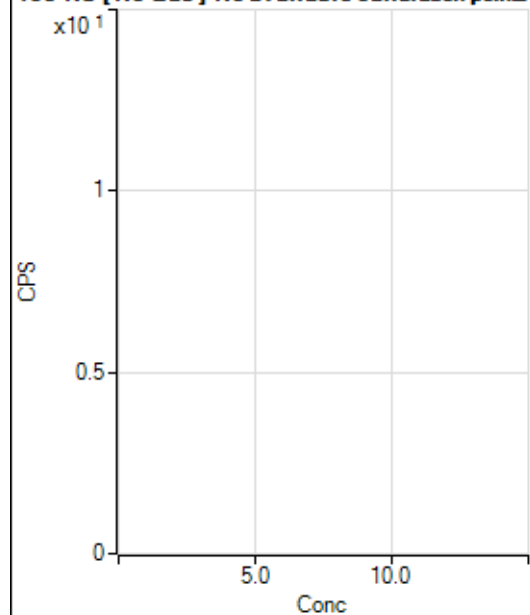
$$R = 0.9999$$

$$DL = 0.008578$$

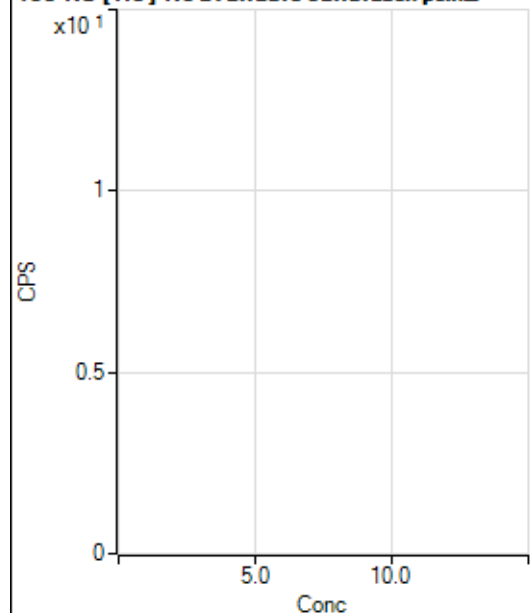
$$BEC = 0.02853$$

Weight: <None>

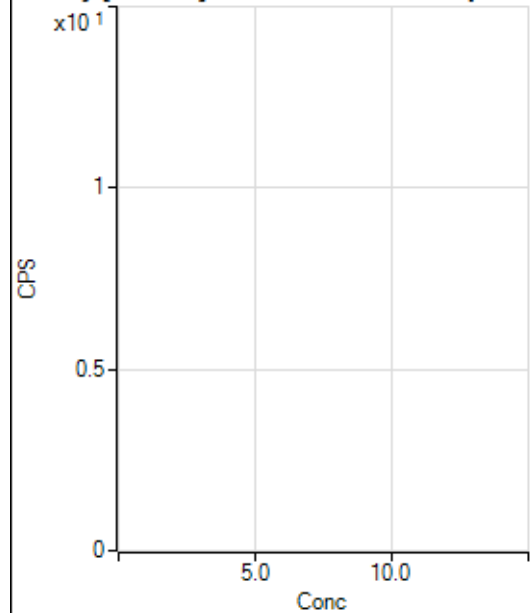
Min Conc: 0

150 Nd [No Gas] No available calibration points

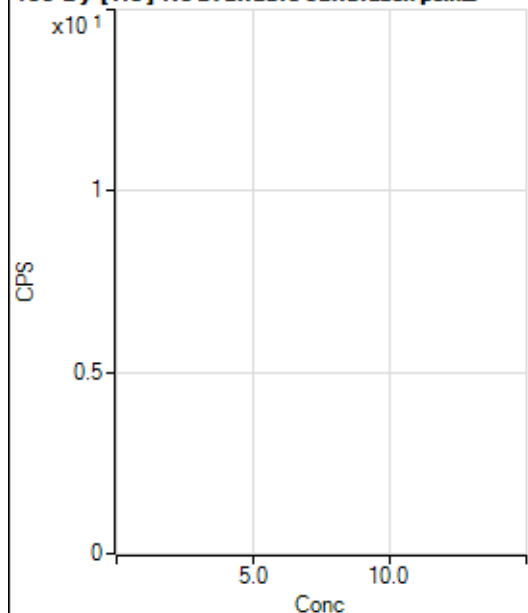
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	10.2
2	☐			28.89		P	46.6
3	☐			136.67		P	8.4
4	☐			621.14		P	7.6
5	☐			563.35		P	1.6
6	☐			1156.73		P	6.4
7	☐			2179.09		P	6.3
8	☐			445.57		P	13.9

150 Nd [He] No available calibration points

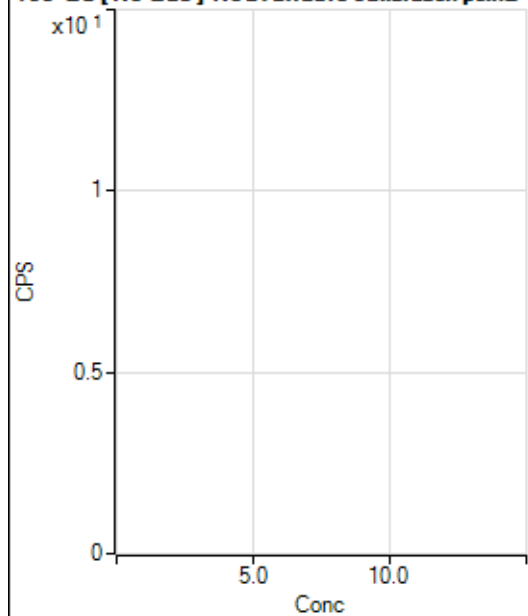
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			13.33		P	25.0
4	☐			81.11		P	6.3
5	☐			35.55		P	47.2
6	☐			77.78		P	23.6
7	☐			107.78		P	34.8
8	☐			114.44		P	31.4

156 Dy [No Gas] No available calibration points

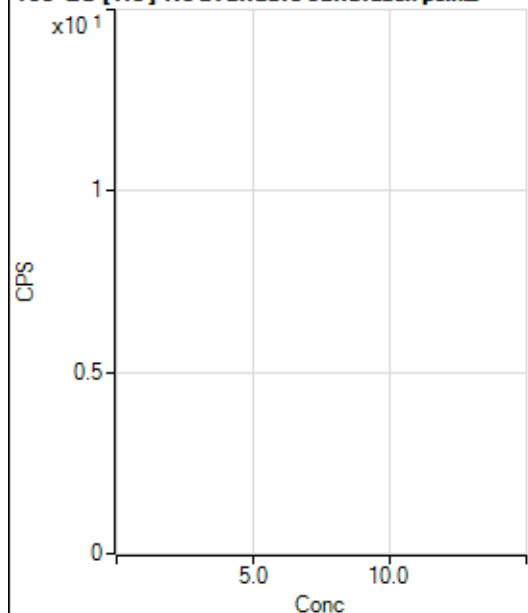
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			142.23		P	31.1
2	☐			191.11		P	23.2
3	☐			214.45		P	24.9
4	☐			466.68		P	7.2
5	☐			308.90		P	5.9
6	☐			472.24		P	8.8
7	☐			702.25		P	5.5
8	☐			928.93		P	5.9

156 Dy [He] No available calibration points

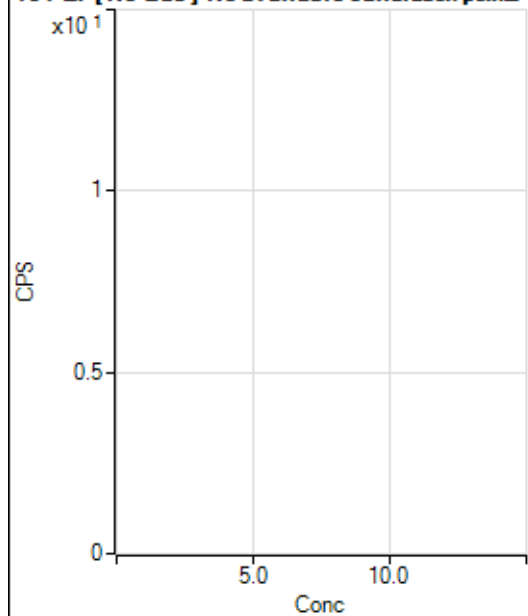
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	83.3
2	☐			15.55		P	44.6
3	☐			14.45		P	48.0
4	☐			90.00		P	18.5
5	☐			46.67		P	21.4
6	☐			61.11		P	11.4
7	☐			134.45		P	2.9
8	☐			250.01		P	11.9

160 Gd [No Gas] Noavailable calibration poin_

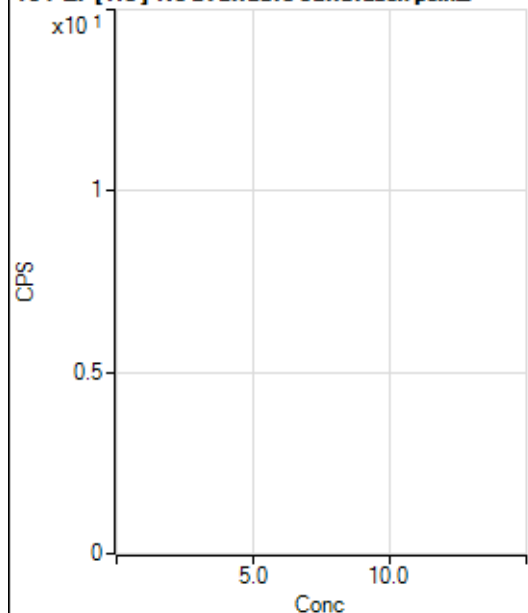
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155.56		P	28.0
2	☐			151.11		P	3.4
3	☐			158.89		P	12.3
4	☐			347.78		P	10.5
5	☐			240.00		P	10.0
6	☐			306.67		P	12.1
7	☐			418.90		P	2.4
8	☐			831.15		P	11.3

160 Gd [He] No available calibration points

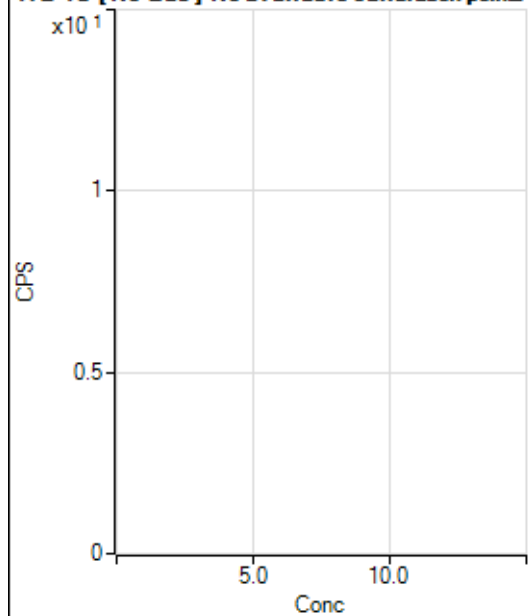
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	6.2
2	☐			41.11		P	40.8
3	☐			50.00		P	20.0
4	☐			117.78		P	15.6
5	☐			92.22		P	11.0
6	☐			97.78		P	3.9
7	☐			164.45		P	8.2
8	☐			302.23		P	7.1

164 Er [No Gas] No available calibration points

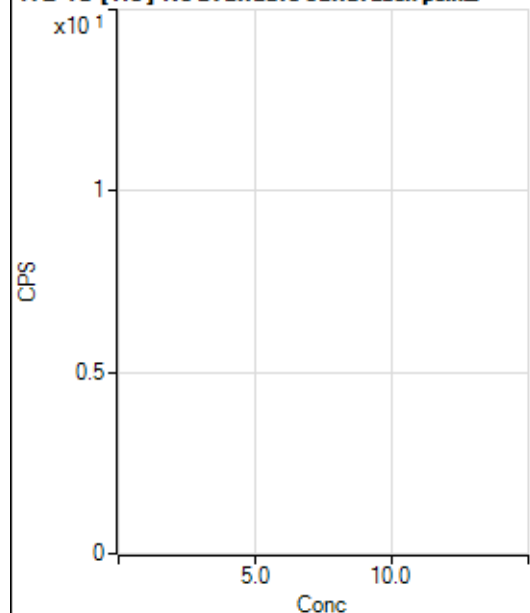
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			114.45		P	24.8
2	☐			154.45		P	3.3
3	☐			163.34		P	14.3
4	☐			330.01		P	2.7
5	☐			218.89		P	5.8
6	☐			327.79		P	4.1
7	☐			510.02		P	6.5
8	☐			965.60		P	2.0

164 Er [He] No available calibration points

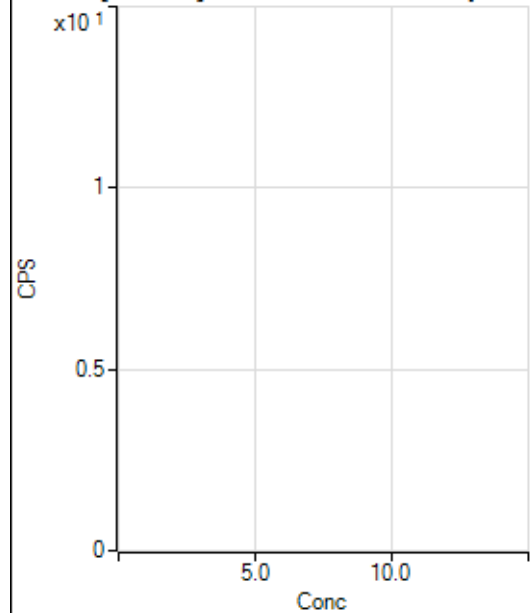
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.66		P	10.2
2	☐			51.11		P	3.8
3	☐			63.33		P	19.0
4	☐			134.45		P	28.5
5	☐			110.00		P	13.2
6	☐			123.34		P	29.2
7	☐			193.34		P	7.9
8	☐			391.12		P	13.6

172 Yb [No Gas] No available calibration points

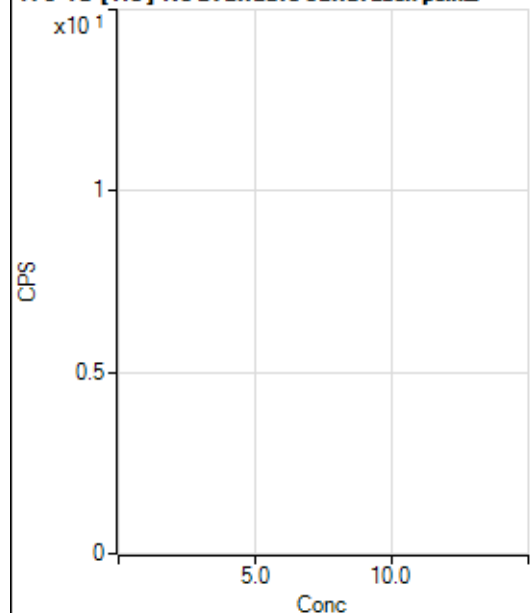
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.56		P	7.7
2	☐			114.45		P	14.4
3	☐			151.11		P	18.8
4	☐			240.01		P	13.3
5	☐			240.00		P	2.4
6	☐			370.01		P	8.3
7	☐			511.13		P	9.1
8	☐			1577.89		P	0.4

172 Yb [He] No available calibration points

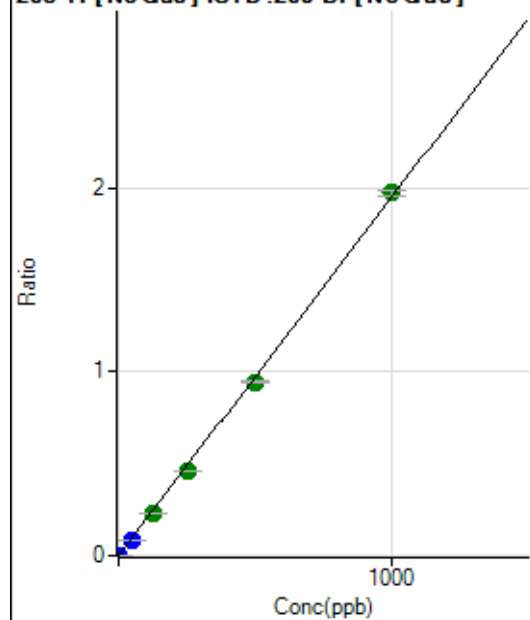
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			70.00		P	17.2
2	☐			58.89		P	26.1
3	☐			66.67		P	30.0
4	☐			98.89		P	45.3
5	☐			101.11		P	11.6
6	☐			134.45		P	8.7
7	☐			233.34		P	16.2
8	☐			693.36		P	5.8

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2606.95		P	9.2
2	☐			2781.43		P	2.8
3	☐			7623.37		P	1.3
4	☐			14209.96		P	1.0
5	☐			26610.20		P	1.6
6	☐			50989.02		P	1.1
7	☐			100699.07		P	1.1
8	☐			3347.13		P	2.5

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			962.27		P	9.9
2	☐			886.71		P	5.3
3	☐			2611.40		P	6.7
4	☐			5368.92		P	1.5
5	☐			9629.14		P	1.7
6	☐			18883.59		P	2.4
7	☐			37290.31		P	0.5
8	☐			1084.50		P	5.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	187.78	0.0000	P	6.0
2	☐	1.000	0.993	22814.56	0.0019	P	3.3
3	☐	50.000	45.134	1031447.15	0.0879	P	0.4
4	☐	125.000	116.313	2575221.24	0.2264	A	1.3
5	☐	250.000	235.962	5198168.36	0.4594	A	0.3
6	☐	500.000	483.875	10336936.58	0.9420	A	1.2
7	☐	1000.000	1012.901	20942127.88	1.9719	A	1.7
8	☐			1743.47	0.0002	P	11.3

$$y = 0.0019 * x + 1.6270E-005$$

$$R = 0.9997$$

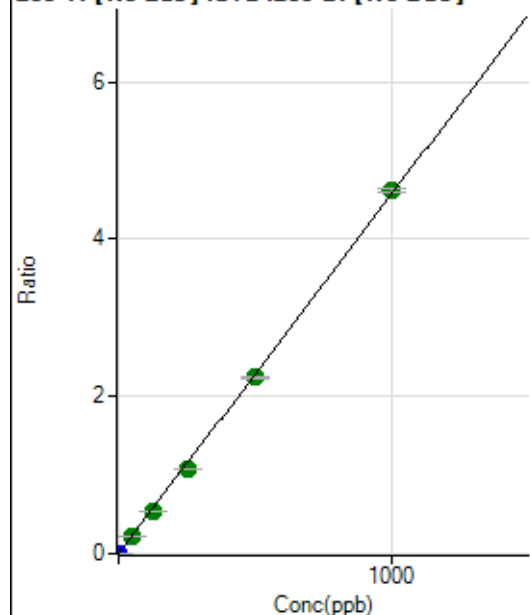
$$DL = 0.001511$$

$$BEC = 0.008357$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	483.35	0.0000	P	12.4
2	☐	1.000	1.010	54552.94	0.0047	P	0.5
3	☐	50.000	47.563	2551880.38	0.2174	A	0.7
4	☐	125.000	115.958	6027324.77	0.5300	A	1.1
5	☐	250.000	235.516	12179802.87	1.0764	A	0.9
6	☐	500.000	490.872	24618867.41	2.2435	A	1.6
7	☐	1000.000	1009.437	48998210.38	4.6135	A	1.2
8	☐			4244.08	0.0005	P	11.2

$$y = 0.0046 * x + 4.1915E-005$$

$$R = 0.9998$$

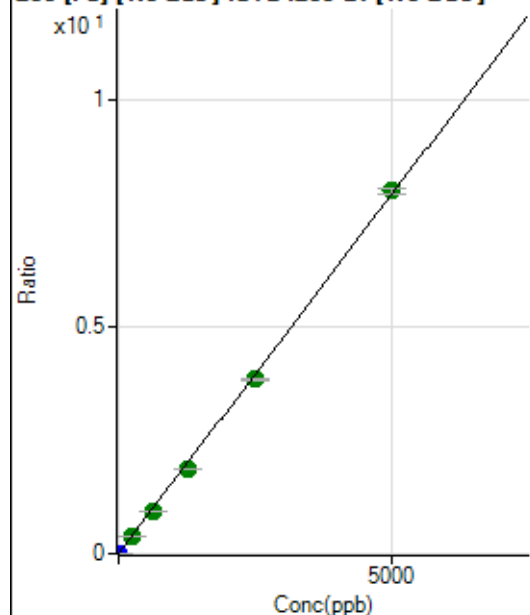
$$DL = 0.00341$$

$$BEC = 0.009171$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	537.80	0.0000	P	8.4
2	☐	1.000	0.991	18943.91	0.0016	P	1.7
3	☐	250.000	238.676	4441916.49	0.3784	A	1.0
4	☐	625.000	594.427	10717818.45	0.9425	A	1.2
5	☐	1250.000	1183.497	21231990.93	1.8764	A	0.6
6	☐	2500.000	2436.195	42384445.48	3.8624	A	1.1
7	☐	5000.000	5052.916	85081758.18	8.0110	A	1.7
8	☐			86506.98	0.0093	P	0.9

$$y = 0.0016 * x + 4.6625E-005$$

$$R = 0.9998$$

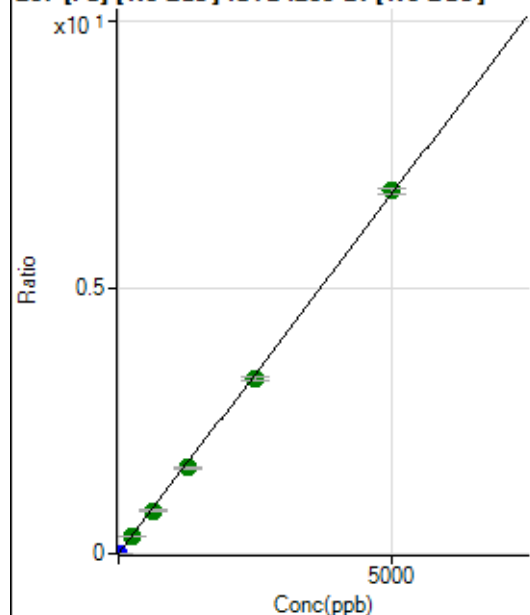
$$DL = 0.007454$$

$$BEC = 0.02941$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	444.46	0.0000	P	9.1
2	☐	1.000	1.008	16384.88	0.0014	P	1.2
3	☐	250.000	241.987	3835975.84	0.3268	A	0.5
4	☐	625.000	600.707	9225704.03	0.8112	A	0.5
5	☐	1250.000	1193.065	18231280.29	1.6112	A	1.4
6	☐	2500.000	2441.420	36179037.80	3.2970	A	1.8
7	☐	5000.000	5046.961	72384098.92	6.8155	A	1.8
8	☐			75014.11	0.0081	P	1.4

$$y = 0.0014 * x + 3.8510E-005$$

$$R = 0.9998$$

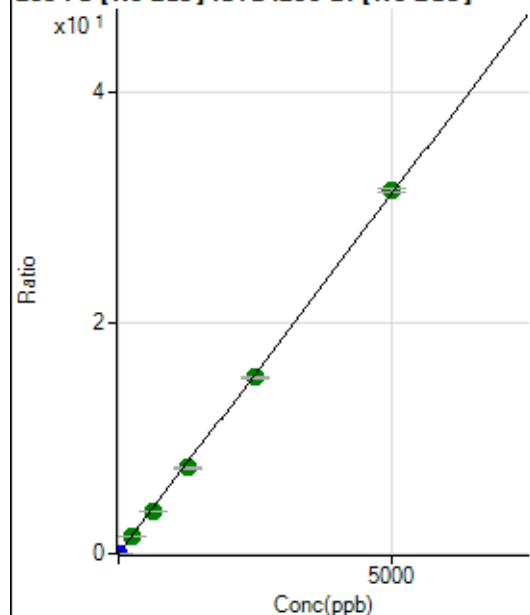
$$DL = 0.007769$$

$$BEC = 0.02852$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2052.31	0.0002	P	3.3
2	☐	1.000	1.005	75463.01	0.0064	P	1.1
3	☐	250.000	239.779	17552492.68	1.4955	A	0.1
4	☐	625.000	600.251	42571891.03	3.7435	A	0.4
5	☐	1250.000	1193.625	84229648.33	7.4439	A	1.0
6	☐	2500.000	2447.030	167460624.1	15.2604	A	1.4
7	☐	5000.000	5044.183	334096334.4	31.4569	A	0.9
8	☐			343626.08	0.0369	P	1.2

$$y = 0.0062 * x + 1.7789E-004$$

$$R = 0.9998$$

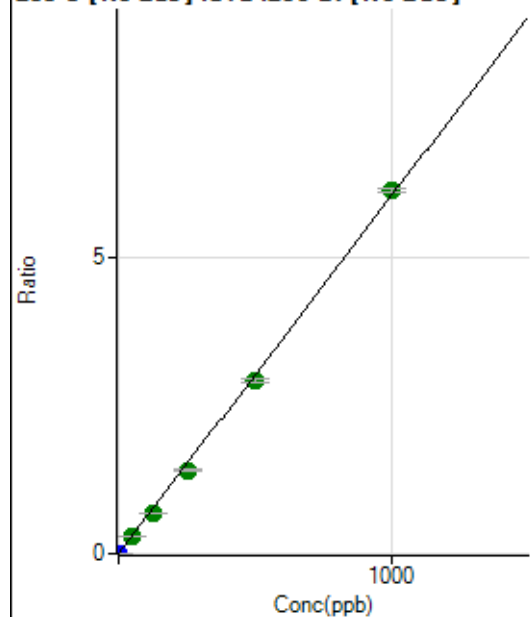
$$DL = 0.002809$$

$$BEC = 0.02853$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	346.67	0.0000	P	7.2
2	☐	1.000	0.996	70651.62	0.0060	P	0.5
3	☐	50.000	46.594	3298575.47	0.2810	A	0.2
4	☐	125.000	113.571	7789890.16	0.6850	A	0.6
5	☐	250.000	232.779	15887079.76	1.4039	A	1.1
6	☐	500.000	484.302	32052548.13	2.9209	A	1.8
7	☐	1000.000	1013.753	64939156.25	6.1141	A	1.0
8	☐			2894.81	0.0003	P	7.0

$$y = 0.0060 * x + 3.0041E-005$$

$$R = 0.9996$$

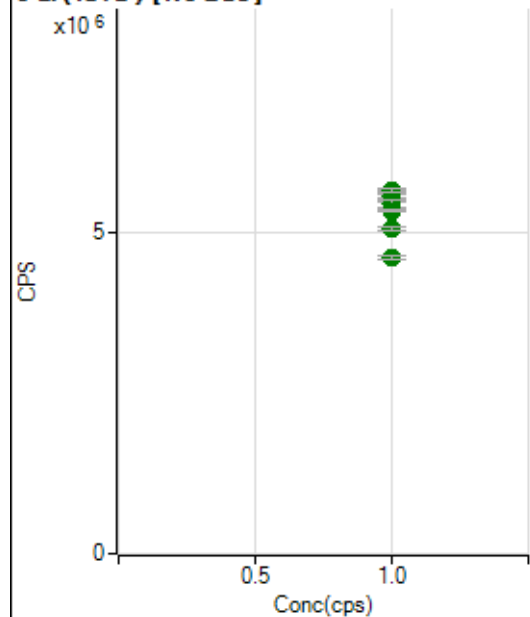
$$DL = 0.001082$$

$$BEC = 0.004981$$

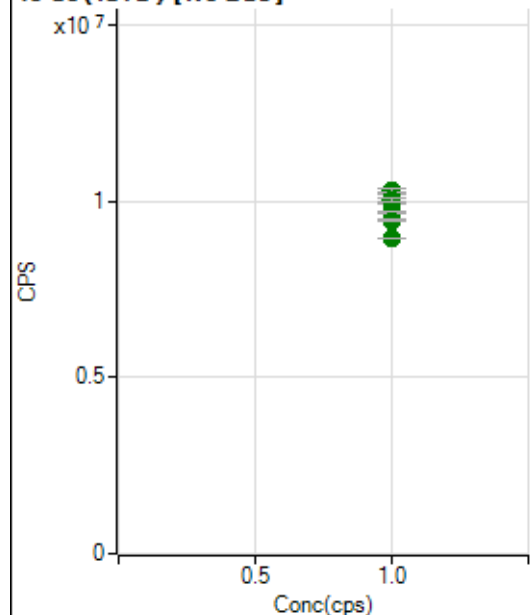
Weight: <None>

Min Conc: 0

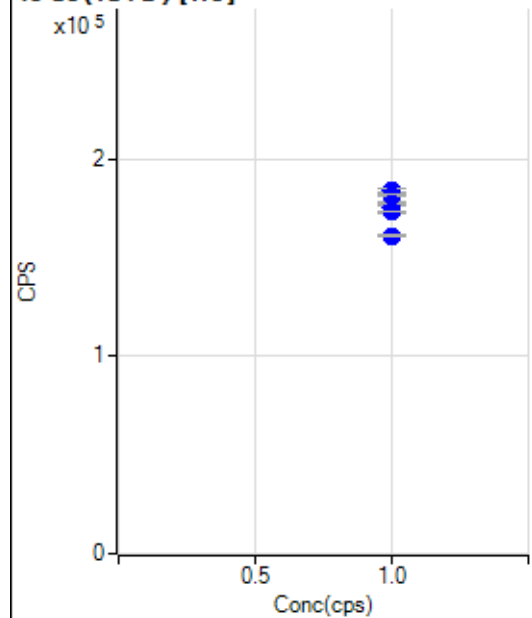
6 Li (ISTD) [No Gas]



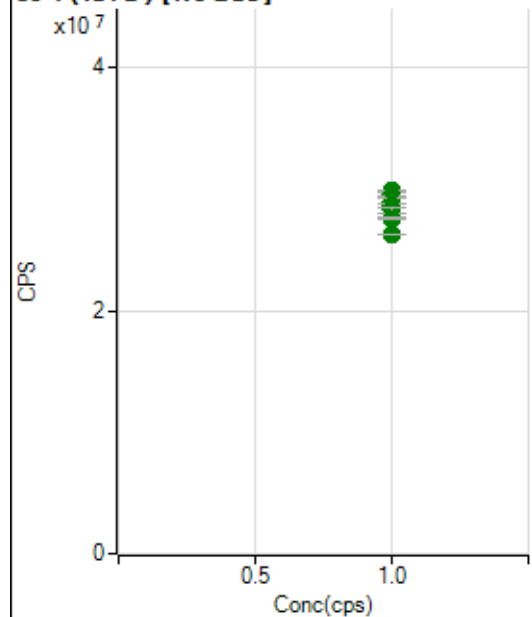
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5554729.58		A	1.2
2	☐	1.000		5610938.02		A	1.3
3	☐	1.000		5634044.71		A	0.9
4	☐	1.000		5475035.42		A	0.8
5	☐	1.000		5442284.78		A	1.9
6	☐	1.000		5327301.18		A	0.7
7	☐	1.000		5053311.63		A	1.0
8	☐	1.000		4590031.41		A	1.2

45 Sc (ISTD) [No Gas]

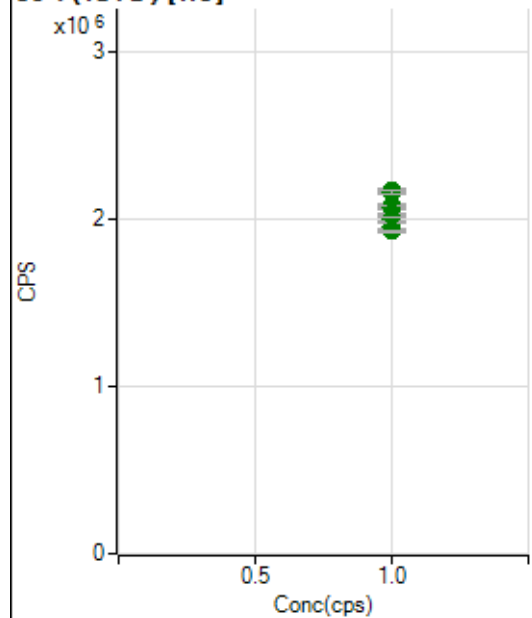
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10220352.49		A	0.7
2	☐	1.000		10267148.88		A	0.2
3	☐	1.000		10290717.70		A	1.0
4	☐	1.000		9949608.88		A	0.5
5	☐	1.000		10029078.05		A	0.7
6	☐	1.000		9699543.05		A	0.8
7	☐	1.000		9450286.59		A	0.6
8	☐	1.000		8939755.21		A	0.2

45 Sc (ISTD) [He]

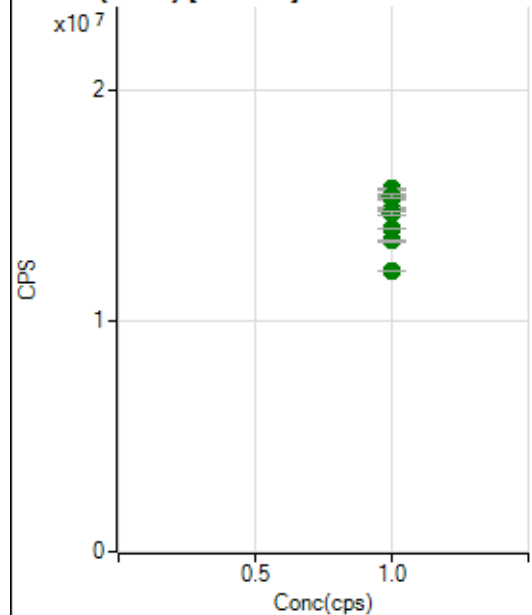
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		182603.44		P	0.6
2	☐	1.000		183977.35		P	1.2
3	☐	1.000		181652.58		P	0.8
4	☐	1.000		177386.98		P	0.8
5	☐	1.000		175911.75		P	2.2
6	☐	1.000		173216.20		P	0.7
7	☐	1.000		173448.41		P	0.3
8	☐	1.000		161095.71		P	0.4

89 Y (ISTD) [No Gas]

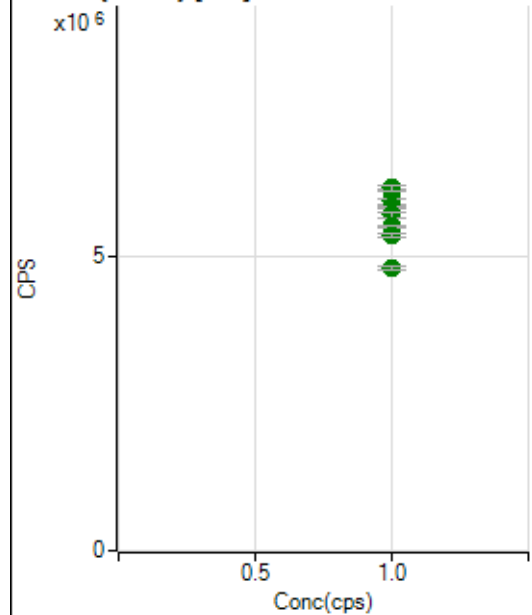
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		29596251.78		A	0.8
2	☐	1.000		29858269.28		A	0.2
3	☐	1.000		29402839.28		A	0.7
4	☐	1.000		29012531.23		A	1.3
5	☐	1.000		28651413.74		A	0.7
6	☐	1.000		28287243.47		A	1.4
7	☐	1.000		27571723.20		A	0.8
8	☐	1.000		26269189.61		A	0.1

89 Y (ISTD) [He]

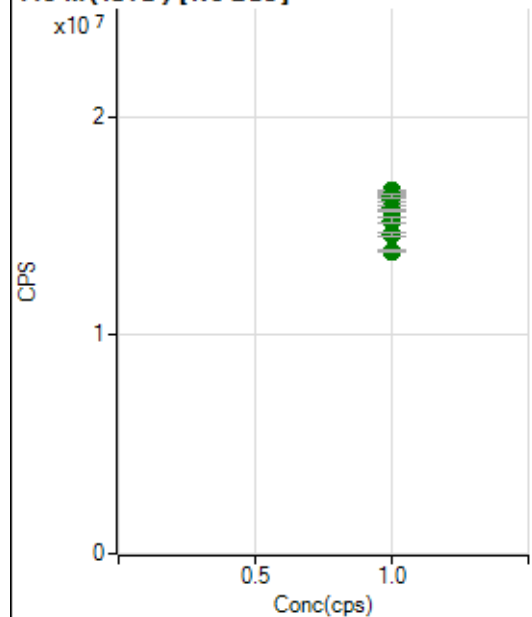
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2164942.01		A	0.9
2	☐	1.000		2158149.31		A	1.5
3	☐	1.000		2077686.15		A	1.4
4	☐	1.000		2062741.24		A	1.1
5	☐	1.000		2025677.19		A	1.0
6	☐	1.000		1996401.79		A	1.5
7	☐	1.000		1955563.06		A	1.6
8	☐	1.000		1922800.14		A	1.0

103 Rh (ISTD) [No Gas]

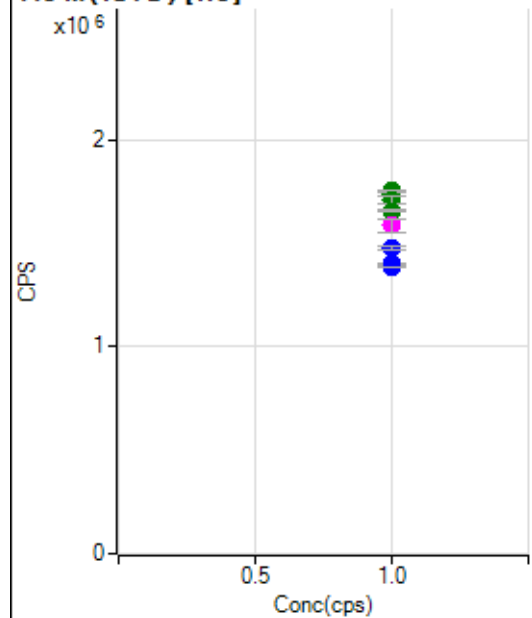
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15279528.39		A	1.0
2	☐	1.000		15692437.54		A	0.7
3	☐	1.000		15403510.74		A	1.2
4	☐	1.000		14817106.58		A	0.5
5	☐	1.000		14630449.64		A	1.6
6	☐	1.000		13970566.74		A	0.5
7	☐	1.000		13441084.94		A	0.3
8	☐	1.000		12115873.71		A	0.2

103 Rh (ISTD) [He]

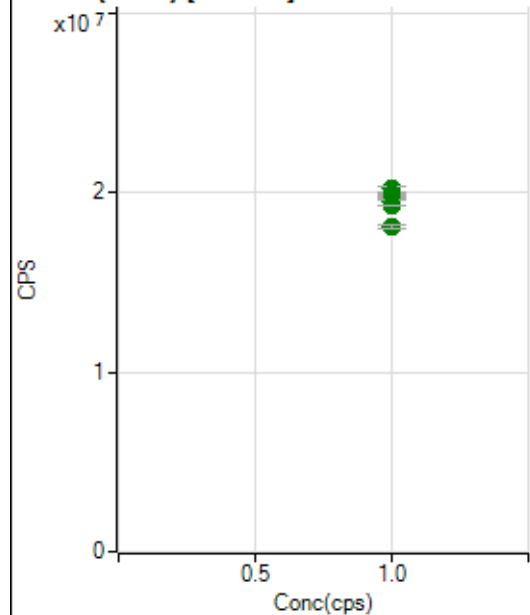
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6118572.13		A	0.3
2	☐	1.000		6162440.04		A	1.7
3	☐	1.000		5934775.26		A	1.9
4	☐	1.000		5840680.19		A	0.7
5	☐	1.000		5714140.82		A	1.7
6	☐	1.000		5508231.79		A	0.8
7	☐	1.000		5351768.50		A	1.1
8	☐	1.000		4810780.21		A	1.4

115 In (ISTD) [No Gas]

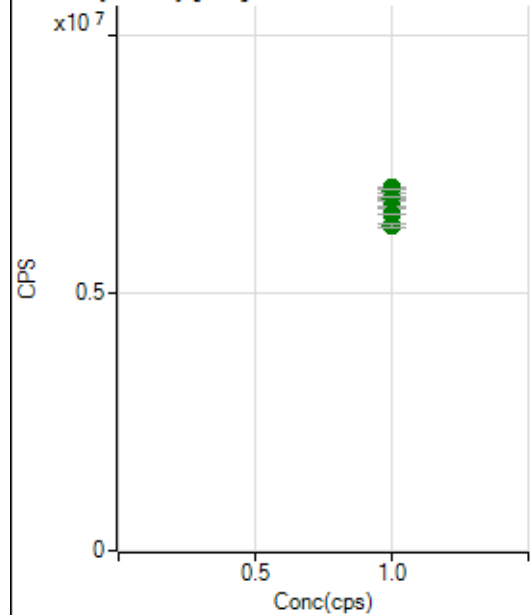
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16224652.17		A	1.5
2	☐	1.000		16607201.04		A	0.6
3	☐	1.000		16396480.42		A	0.9
4	☐	1.000		15840646.09		A	0.9
5	☐	1.000		15705917.69		A	0.9
6	☐	1.000		15249766.57		A	1.5
7	☐	1.000		14645257.26		A	1.1
8	☐	1.000		13856694.69		A	0.3

115 In (ISTD) [He]

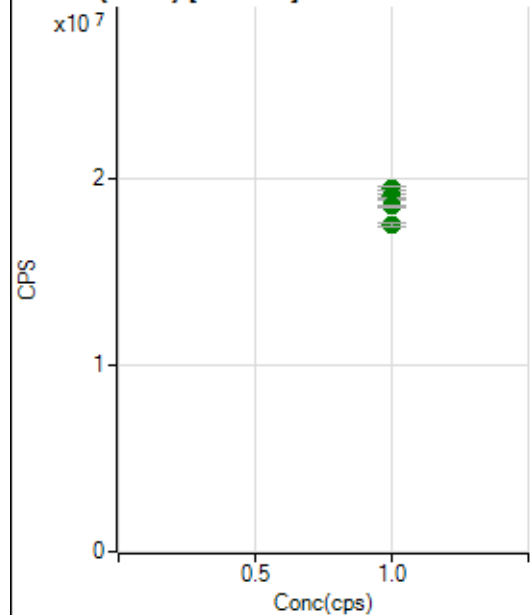
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1739113.47		A	0.8
2	☐	1.000		1752430.05		A	0.8
3	☐	1.000		1711096.94		A	2.0
4	☐	1.000		1657009.31		A	0.6
5	☐	1.000		1583973.23		M	4.2
6	☐	1.000		1477575.61		P	1.0
7	☐	1.000		1398655.11		P	0.2
8	☐	1.000		1380998.46		P	0.1

159 Tb (ISTD) [No Gas]

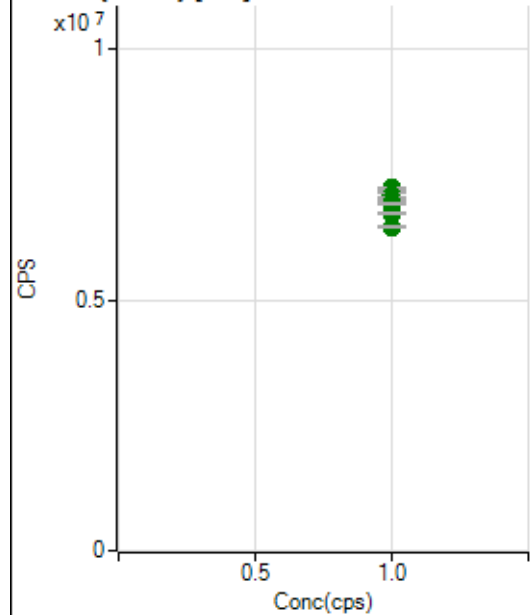
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19863277.07		A	0.8
2	☐	1.000		20205872.06		A	1.7
3	☐	1.000		19968669.01		A	0.4
4	☐	1.000		19760429.85		A	0.7
5	☐	1.000		19700840.54		A	0.2
6	☐	1.000		19451222.62		A	1.3
7	☐	1.000		19264875.41		A	0.3
8	☐	1.000		18084047.09		A	0.9

159 Tb (ISTD) [He]

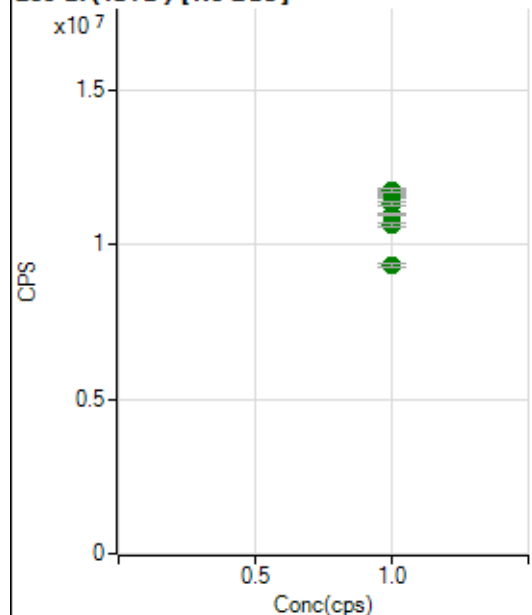
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6979406.22		A	1.1
2	☐	1.000		7045642.33		A	0.7
3	☐	1.000		6968639.62		A	1.0
4	☐	1.000		6846161.28		A	0.8
5	☐	1.000		6830917.47		A	1.4
6	☐	1.000		6668900.80		A	0.8
7	☐	1.000		6536105.94		A	0.3
8	☐	1.000		6298661.71		A	1.1

165 Ho (ISTD) [No Gas]

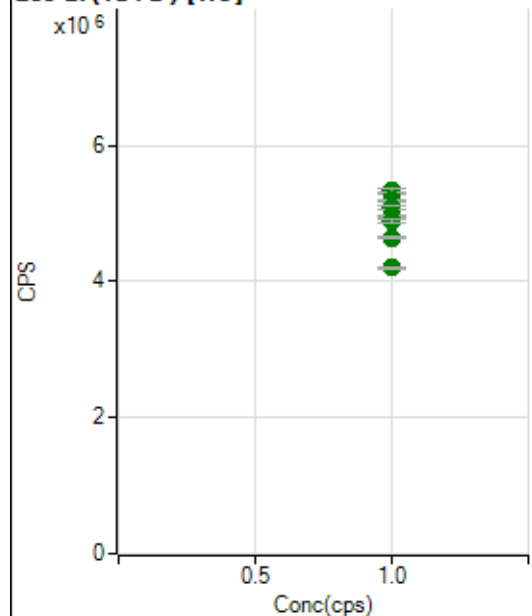
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19079362.77		A	1.2
2	☐	1.000		19365530.68		A	0.2
3	☐	1.000		19445998.74		A	1.0
4	☐	1.000		18977559.58		A	0.4
5	☐	1.000		19047785.41		A	1.8
6	☐	1.000		18916002.36		A	0.8
7	☐	1.000		18541554.58		A	0.7
8	☐	1.000		17495563.21		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7165038.51		A	0.4
2	☐	1.000		7241892.67		A	0.8
3	☐	1.000		7108121.28		A	1.1
4	☐	1.000		7040182.74		A	1.0
5	☐	1.000		6953292.26		A	0.9
6	☐	1.000		6924993.72		A	0.8
7	☐	1.000		6735881.43		A	0.1
8	☐	1.000		6467119.42		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11538792.88		A	1.0
2	☐	1.000		11706693.99		A	1.1
3	☐	1.000		11736975.24		A	0.9
4	☐	1.000		11372344.27		A	0.2
5	☐	1.000		11315808.30		A	1.3
6	☐	1.000		10973836.22		A	0.6
7	☐	1.000		10621257.89		A	0.9
8	☐	1.000		9311352.08		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5278808.12		A	0.4
2	☐	1.000		5329913.11		A	1.1
3	☐	1.000		5195941.52		A	0.6
4	☐	1.000		5088599.82		A	0.8
5	☐	1.000		4967972.70		A	0.5
6	☐	1.000		4883903.61		A	0.8
7	☐	1.000		4641755.77		A	0.8
8	☐	1.000		4201653.03		A	0.5

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8051325MS.b

Acq. Date-Time 2025-05-13 14:20:02

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		90849	908490.39			0.738	5.000
24		406568	4065683.03			0.554	5.000
25		56894	568940.55			0.328	5.000
26		64371	643707.01			0.333	5.000
59		367766	3677660.80			0.409	5.000
113		46553	465531.07			0.343	5.000
115		580279	5802785.84			0.889	5.000
206		133323	1333228.70			0.431	5.000
207		112759	1127594.68			0.286	5.000
208		275820	2758198.58			0.697	5.000
220		1	5.20			14.582	

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

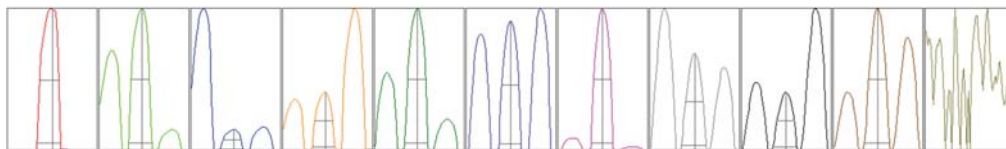
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	90993	91473	90334	89984	91462
24	403860	410102	405904	406653	406322
25	56810	56925	57200	56714	56822
26	64136	64410	64586	64562	64159
59	367082	369803	367591	368538	365816
113	46393	46645	46772	46542	46413
115	585150	576580	586106	579072	574485
206	132954	134071	133046	133792	132751
207	112784	113161	112897	112672	112283
208	274728	274843	279241	275195	275093

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	146555.80	9.05	8.90 - 9.10	
24	690620.44	23.95	23.90 - 24.10	
25	97785.78	24.95	24.90 - 25.10	
26	111889.79	25.95	25.90 - 26.10	
59	642228.44	58.95	58.90 - 59.10	
113	86942.82	113.00	112.90 - 113.10	
115	1090579.19	115.00	114.90 - 115.10	
206	238317.50	206.05	205.90 - 206.10	
207	205443.86	207.00	206.90 - 207.10	
208	496701.26	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.65	0.786	0.900	
24	0.62	0.781	0.900	
25	0.62	0.743	0.900	
26	0.62	0.759	0.900	
59	0.61	0.779	0.900	
113	0.57	0.734	0.900	
115	0.56	0.731	0.900	
206	0.58	0.823	0.900	
207	0.57	0.794	0.900	
208	0.58	0.844	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.1 V	Deflect	14.2 V
Extract 2	-165.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-75 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	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		65855	658552.25			0.484	
89		56943	569426.88			0.725	
205		91505	915045.30			0.422	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	66232	66109	65723	65437	65775
89	57529	57117	56471	56946	56651
205	91553	92044	90998	91612	91315

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	8.1 V	Deflect	3.0 V
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US EPA Tune Check Report

Extract 2	-165.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-75 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 :	LB135757	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 14:58:49	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.15	-0.23	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.01	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	0.00	0.04	-0.05	0.00	N/A	ppb
Cadmium	106-1	-0.18	-0.17	0.35	0.00	N/A	ppb
Cadmium	111-1	-0.02	-0.02	0.03	0.00	N/A	ppb
Calcium	43-1	-0.20	1.35	-1.16	0.00	N/A	ppb
Calcium	44-1	0.07	-0.30	0.23	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	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	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	-0.39	0.27	0.12	0.00	N/A	ppb
Iron	56-2	-0.19	0.06	0.13	0.00	N/A	ppb
Iron	57-2	-0.38	0.22	0.15	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 :	LB135757	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 14:58:49	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.90	0.41	0.49	0.00	N/A	ppb
Manganese	55-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-16.99	-3.56	-19.86	-13.47		ppb
Potassium	39-2	0.45	0.40	-0.84	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.10	0.06	0.03	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.27	-0.26	0.53	0.00	N/A	ppb
Silicon	28-1	-0.04	0.02	0.02	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.86	-0.54	-0.33	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	-102.07	-86.82	7.87	-60.34		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	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 14:58:49	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	-0.01	0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:05:31	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.36	21.55	19.61	20.51	4.76	ppb
Antimony	121-1	2.07	2.13	2.09	2.10	1.38	ppb
Arsenic	75-2	1.06	1.28	0.96	1.10	14.68	ppb
Barium	135-1	10.19	10.63	10.55	10.46	2.22	ppb
Barium	137-1	10.38	10.89	10.73	10.66	2.44	ppb
Beryllium	9-1	1.19	1.21	1.22	1.21	1.33	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	1.25	1.05	1.15	1.15	9.03	ppb
Cadmium	106-1	1.39	1.77	1.70	1.62	12.51	ppb
Cadmium	111-1	1.17	1.20	1.18	1.18	1.02	ppb
Calcium	43-1	549.62	557.60	557.57	554.93	0.83	ppb
Calcium	44-1	544.13	551.56	545.31	547.00	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.19	2.21	2.12	2.17	2.10	ppb
Cobalt	59-2	1.13	1.19	1.16	1.16	2.54	ppb
Copper	63-2	2.36	2.37	2.39	2.37	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				101		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	57.62	58.01	57.56	57.73	0.42	ppb
Iron	56-2	56.44	56.59	56.29	56.44	0.27	ppb
Iron	57-2	56.75	58.20	54.71	56.56	3.10	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.98	0.98	0.99	1.76	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:05:31	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.02	0.99	1.01	1.01	1.27	ppb
Lead	208-1	1.02	1.00	1.00	1.01	1.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	581.46	588.83	585.43	585.24	0.63	ppb
Manganese	55-2	1.11	1.12	1.18	1.14	3.35	ppb
Molybdenum	94-1	6.16	6.18	6.13	6.16	0.40	ppb
Molybdenum	95-1	5.15	5.13	5.21	5.16	0.84	ppb
Molybdenum	96-1	5.23	5.33	5.32	5.30	1.01	ppb
Molybdenum	97-1	5.23	5.30	5.18	5.24	1.09	ppb
Molybdenum	98-1	5.15	5.23	5.16	5.18	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.23	1.18	1.20	2.84	ppb
Phosphorus	31-2	10.03	17.88	12.49	13.47	29.79	ppb
Potassium	39-2	521.96	537.14	539.34	532.81	1.78	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	5.80	5.81	5.46	5.69	3.57	ppb
Selenium	77-2	4.92	9.40	7.88	7.40	30.77	ppb
Selenium	78-2	4.01	5.34	4.97	4.77	14.42	ppb
Silicon	28-1	1.07	0.85	0.87	0.93	12.96	ppb
Silver	107-1	1.04	1.10	1.12	1.09	3.74	ppb
Silver	109-1	1.05	1.14	1.10	1.10	4.17	ppb
Sodium	23-2	575.00	575.49	584.82	578.44	0.96	ppb
Strontium	86-1	1.03	1.03	1.03	1.03	0.37	ppb
Strontium	88-1	1.05	1.04	1.06	1.05	0.87	ppb
Sulfur	34-1	42.40	68.29	70.32	60.34	25.80	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.97	0.98	1.03	0.99	3.32	ppb
Thallium	205-1	1.01	1.01	1.02	1.01	0.54	ppb
Tin	118-1	5.21	5.32	5.30	5.28	1.16	ppb
Titanium	47-1	5.54	5.45	5.64	5.54	1.72	ppb
Uranium	238-1	1.00	0.99	1.00	1.00	0.48	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:05:31	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.64	5.58	5.56	5.59	0.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	5.38	5.57	5.43	5.46	1.84	ppb
Zirconium	90-1	1.03	1.05	1.02	1.04	1.56	ppb
Zirconium	91-1	0.99	1.04	1.05	1.03	3.48	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:08:50	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1030.44	1004.78	1010.85	1015.36	1.32	ppb
Antimony	121-1	48.34	48.46	48.91	48.57	0.62	ppb
Arsenic	75-2	49.33	51.63	50.15	50.37	2.31	ppb
Barium	135-1	236.78	238.21	241.64	238.88	1.04	ppb
Barium	137-1	250.79	251.01	257.34	253.05	1.47	ppb
Beryllium	9-1	52.67	53.87	53.02	53.19	1.16	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	52.18	50.70	51.67	51.52	1.46	ppb
Cadmium	106-1	52.65	51.98	51.65	52.09	0.98	ppb
Cadmium	111-1	49.93	50.29	50.82	50.35	0.89	ppb
Calcium	43-1	4873.19	4954.29	4959.23	4928.90	0.98	ppb
Calcium	44-1	4846.43	4882.48	4834.80	4854.57	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.19	49.18	49.62	49.33	0.51	ppb
Cobalt	59-2	50.42	50.45	50.43	50.43	0.03	ppb
Copper	63-2	531.75	532.41	530.37	531.51	0.20	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				99		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	2554.33	2565.10	2556.62	2558.68	0.22	ppb
Iron	56-2	2528.24	2548.33	2553.40	2543.32	0.52	ppb
Iron	57-2	2517.01	2558.87	2531.60	2535.83	0.84	ppb
Krypton	83-1						cps
Lead	206-1	236.39	241.16	238.48	238.68	1.00	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:08:50	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	242.21	240.59	243.16	241.99	0.54	ppb
Lead	208-1	239.88	240.03	239.44	239.78	0.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	5221.15	5238.17	5433.86	5297.73	2.23	ppb
Manganese	55-2	490.82	495.58	501.04	495.81	1.03	ppb
Molybdenum	94-1	481.98	485.35	484.33	483.89	0.36	ppb
Molybdenum	95-1	477.13	480.90	487.06	481.69	1.04	ppb
Molybdenum	96-1	480.72	491.19	494.50	488.80	1.47	ppb
Molybdenum	97-1	478.39	490.33	499.84	489.52	2.20	ppb
Molybdenum	98-1	480.20	481.83	497.77	486.60	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.81	50.65	50.41	50.62	0.39	ppb
Phosphorus	31-2	952.22	1017.15	959.17	976.18	3.65	ppb
Potassium	39-2	2439.31	2460.27	2468.65	2456.08	0.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	49.88	50.04	50.57	50.16	0.72	ppb
Selenium	77-2	51.03	58.34	53.58	54.32	6.83	ppb
Selenium	78-2	44.82	54.26	53.24	50.77	10.21	ppb
Silicon	28-1	49.74	51.55	50.10	50.46	1.90	ppb
Silver	107-1	49.97	50.43	50.42	50.27	0.53	ppb
Silver	109-1	50.38	50.66	50.84	50.63	0.46	ppb
Sodium	23-2	5160.06	5150.56	5184.11	5164.91	0.33	ppb
Strontium	86-1	46.84	47.03	48.14	47.34	1.49	ppb
Strontium	88-1	48.35	48.28	48.83	48.49	0.62	ppb
Sulfur	34-1	1235.82	1424.98	1379.94	1346.91	7.34	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	45.02	45.37	45.02	45.13	0.45	ppb
Thallium	205-1	47.22	47.93	47.54	47.56	0.75	ppb
Tin	118-1	47.98	48.39	48.33	48.23	0.46	ppb
Titanium	47-1	480.73	490.30	484.98	485.34	0.99	ppb
Uranium	238-1	46.57	46.71	46.50	46.59	0.23	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:08:50	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	49.18	48.60	48.97	48.92	0.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	508.26	511.79	512.01	510.69	0.41	ppb
Zirconium	90-1	48.07	48.54	48.03	48.21	0.59	ppb
Zirconium	91-1	46.21	46.69	47.39	46.76	1.27	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:16:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2475.03	2500.75	2465.96	2480.58	0.73	ppb
Antimony	121-1	135.15	137.46	137.09	136.57	0.91	ppb
Arsenic	75-2	117.65	120.21	121.11	119.66	1.50	ppb
Barium	135-1	593.32	600.74	599.25	597.77	0.66	ppb
Barium	137-1	595.92	596.76	586.93	593.20	0.92	ppb
Beryllium	9-1	127.22	128.66	127.65	127.84	0.58	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	121.69	122.65	123.67	122.67	0.81	ppb
Cadmium	106-1	121.21	122.19	124.39	122.60	1.33	ppb
Cadmium	111-1	119.01	118.74	121.38	119.71	1.21	ppb
Calcium	43-1	11852.66	12025.39	12124.46	12000.83	1.15	ppb
Calcium	44-1	11761.77	11945.07	12144.99	11950.61	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.63	121.21	119.88	119.90	1.08	ppb
Cobalt	59-2	119.42	123.00	121.64	121.35	1.49	ppb
Copper	63-2	1250.09	1261.85	1260.87	1257.60	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	6201.09	6324.62	6257.69	6261.13	0.99	ppb
Iron	56-2	6176.27	6321.01	6294.14	6263.81	1.23	ppb
Iron	57-2	6066.74	6135.02	6145.29	6115.68	0.70	ppb
Krypton	83-1						cps
Lead	206-1	589.83	590.96	602.49	594.43	1.18	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:16:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	600.40	598.14	603.58	600.71	0.46	ppb
Lead	208-1	597.84	600.63	602.29	600.25	0.37	ppb
Lithium	6-1				99		%
Magnesium	24-2	12538.90	12806.30	12823.12	12722.77	1.25	ppb
Manganese	55-2	1235.21	1243.62	1225.95	1234.92	0.72	ppb
Molybdenum	94-1	1151.24	1169.52	1157.25	1159.34	0.80	ppb
Molybdenum	95-1	1166.83	1164.26	1151.05	1160.71	0.73	ppb
Molybdenum	96-1	1165.53	1175.53	1149.10	1163.39	1.15	ppb
Molybdenum	97-1	1151.99	1174.12	1138.16	1154.75	1.57	ppb
Molybdenum	98-1	1153.69	1193.50	1161.51	1169.57	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.91	127.22	126.12	125.42	1.79	ppb
Phosphorus	31-2	2526.24	2589.81	2423.16	2513.07	3.35	ppb
Potassium	39-2	6009.91	6100.94	6052.67	6054.51	0.75	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	120.11	121.13	118.48	119.91	1.11	ppb
Selenium	77-2	129.43	126.75	129.85	128.68	1.31	ppb
Selenium	78-2	114.39	122.22	119.05	118.55	3.32	ppb
Silicon	28-1	123.35	125.14	122.08	123.52	1.24	ppb
Silver	107-1	125.15	122.62	128.07	125.28	2.17	ppb
Silver	109-1	125.64	125.48	126.93	126.02	0.63	ppb
Sodium	23-2	12323.95	12629.60	12540.86	12498.13	1.26	ppb
Strontium	86-1	112.76	115.31	113.00	113.69	1.24	ppb
Strontium	88-1	116.51	119.54	118.04	118.03	1.28	ppb
Sulfur	34-1	3166.01	3269.75	3271.80	3235.85	1.87	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	114.64	117.68	116.62	116.31	1.32	ppb
Thallium	205-1	114.87	115.56	117.44	115.96	1.15	ppb
Tin	118-1	121.33	120.28	122.31	121.30	0.84	ppb
Titanium	47-1	1186.51	1182.82	1200.18	1189.84	0.77	ppb
Uranium	238-1	113.02	114.31	113.38	113.57	0.58	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:16:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	119.16	120.95	119.45	119.86	0.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	1392.02	1415.81	1420.15	1409.32	1.07	ppb
Zirconium	90-1	116.58	118.31	113.09	116.00	2.29	ppb
Zirconium	91-1	112.42	114.23	111.37	112.67	1.29	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:19:28	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4979.81	5118.93	4895.05	4997.93	2.26	ppb
Antimony	121-1	241.66	245.66	246.60	244.64	1.07	ppb
Arsenic	75-2	241.09	248.12	242.37	243.86	1.53	ppb
Barium	135-1	1185.60	1229.43	1208.99	1208.01	1.82	ppb
Barium	137-1	1196.37	1210.73	1229.11	1212.07	1.35	ppb
Beryllium	9-1	249.44	239.59	243.75	244.26	2.03	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	244.00	252.76	249.59	248.78	1.78	ppb
Cadmium	106-1	246.65	249.21	249.68	248.52	0.66	ppb
Cadmium	111-1	239.53	242.79	240.22	240.85	0.71	ppb
Calcium	43-1	24375.70	24488.72	24029.12	24297.85	0.99	ppb
Calcium	44-1	24195.03	24167.81	23810.43	24057.76	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	239.41	245.44	238.67	241.17	1.54	ppb
Cobalt	59-2	251.78	256.44	251.47	253.23	1.10	ppb
Copper	63-2	2535.00	2612.28	2506.40	2551.23	2.15	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				100		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	54-2	12825.91	12973.84	12680.08	12826.61	1.15	ppb
Iron	56-2	12411.70	12681.47	12374.88	12489.35	1.34	ppb
Iron	57-2	12162.71	12489.84	12228.11	12293.55	1.41	ppb
Krypton	83-1						cps
Lead	206-1	1188.71	1175.81	1185.97	1183.50	0.57	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:19:28	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1194.31	1175.70	1209.19	1193.06	1.41	ppb
Lead	208-1	1199.53	1180.21	1201.13	1193.63	0.98	ppb
Lithium	6-1				98		%
Magnesium	24-2	25457.03	26194.20	25261.26	25637.50	1.92	ppb
Manganese	55-2	2478.42	2509.88	2420.81	2469.70	1.83	ppb
Molybdenum	94-1	2376.34	2393.23	2354.00	2374.52	0.83	ppb
Molybdenum	95-1	2374.16	2383.41	2379.54	2379.04	0.20	ppb
Molybdenum	96-1	2391.49	2382.13	2431.82	2401.81	1.10	ppb
Molybdenum	97-1	2347.08	2379.49	2385.04	2370.54	0.86	ppb
Molybdenum	98-1	2368.66	2414.41	2391.76	2391.61	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	242.36	249.61	240.64	244.20	1.95	ppb
Phosphorus	31-2	4828.93	5015.33	5013.15	4952.47	2.16	ppb
Potassium	39-2	12080.83	12329.93	12014.54	12141.77	1.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	244.20	244.79	244.44	244.47	0.12	ppb
Selenium	77-2	245.45	252.80	227.24	241.83	5.44	ppb
Selenium	78-2	239.17	244.89	247.38	243.81	1.73	ppb
Silicon	28-1	246.58	247.39	239.27	244.41	1.83	ppb
Silver	107-1	249.32	250.12	253.21	250.88	0.82	ppb
Silver	109-1	251.84	253.61	255.37	253.61	0.69	ppb
Sodium	23-2	25400.24	25946.13	24899.29	25415.22	2.06	ppb
Strontium	86-1	244.57	246.39	240.90	243.95	1.15	ppb
Strontium	88-1	239.39	238.54	241.94	239.96	0.74	ppb
Sulfur	34-1	6194.19	6089.51	6008.33	6097.34	1.53	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	236.25	236.36	235.27	235.96	0.25	ppb
Thallium	205-1	237.70	235.21	233.64	235.52	0.87	ppb
Tin	118-1	243.42	242.06	247.26	244.24	1.11	ppb
Titanium	47-1	2354.78	2367.22	2355.03	2359.01	0.30	ppb
Uranium	238-1	231.70	230.85	235.79	232.78	1.13	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:19:28	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	238.66	247.00	236.92	240.86	2.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	2592.76	2622.50	2561.13	2592.13	1.18	ppb
Zirconium	90-1	239.16	243.49	238.14	240.26	1.18	ppb
Zirconium	91-1	237.49	242.74	240.68	240.30	1.10	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:22:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10108.54	9900.08	10187.11	10065.25	1.47	ppb
Antimony	121-1	480.50	505.25	502.85	496.20	2.75	ppb
Arsenic	75-2	492.41	497.52	483.69	491.21	1.42	ppb
Barium	135-1	2382.19	2499.68	2446.28	2442.72	2.41	ppb
Barium	137-1	2392.76	2520.56	2489.50	2467.61	2.70	ppb
Beryllium	9-1	489.45	500.12	493.58	494.38	1.09	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	488.77	511.44	510.28	503.50	2.54	ppb
Cadmium	106-1	484.98	514.05	498.77	499.27	2.91	ppb
Cadmium	111-1	499.43	517.40	506.00	507.61	1.79	ppb
Calcium	43-1	49472.81	50717.96	50525.63	50238.80	1.33	ppb
Calcium	44-1	49233.44	50395.75	49434.47	49687.89	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.51	503.35	507.60	507.82	0.90	ppb
Cobalt	59-2	501.08	501.10	510.23	504.14	1.05	ppb
Copper	63-2	5124.71	5026.56	4993.02	5048.10	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				99		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				85		%
Iron	54-2	25824.92	25237.11	25503.23	25521.75	1.15	ppb
Iron	56-2	25221.06	25001.51	25497.93	25240.17	0.99	ppb
Iron	57-2	25528.97	25979.61	25706.28	25738.29	0.88	ppb
Krypton	83-1						cps
Lead	206-1	2404.69	2447.28	2456.62	2436.20	1.14	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:22:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2392.63	2450.79	2480.84	2441.42	1.84	ppb
Lead	208-1	2411.47	2452.19	2477.43	2447.03	1.36	ppb
Lithium	6-1				96		%
Magnesium	24-2	52249.15	51037.86	52076.59	51787.87	1.27	ppb
Manganese	55-2	5000.60	5002.08	4958.99	4987.22	0.49	ppb
Molybdenum	94-1	4834.41	4917.88	4880.18	4877.49	0.86	ppb
Molybdenum	95-1	4776.64	4927.11	4893.80	4865.85	1.62	ppb
Molybdenum	96-1	4816.52	4958.41	4986.93	4920.62	1.85	ppb
Molybdenum	97-1	4782.85	4971.41	4946.79	4900.35	2.09	ppb
Molybdenum	98-1	4780.91	4968.03	4899.34	4882.76	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.54	483.45	485.23	483.74	0.28	ppb
Phosphorus	31-2	10113.95	10100.95	9997.83	10070.91	0.63	ppb
Potassium	39-2	25331.51	24409.55	24657.08	24799.38	1.92	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	481.73	501.76	506.83	496.77	2.67	ppb
Selenium	77-2	496.75	512.62	461.77	490.38	5.31	ppb
Selenium	78-2	491.03	490.06	491.75	490.95	0.17	ppb
Silicon	28-1	488.20	499.93	507.53	498.55	1.95	ppb
Silver	107-1	490.33	516.40	510.31	505.68	2.70	ppb
Silver	109-1	495.09	516.52	514.46	508.69	2.32	ppb
Sodium	23-2	52330.16	50952.56	51979.32	51754.01	1.38	ppb
Strontium	86-1	487.04	494.59	497.06	492.90	1.06	ppb
Strontium	88-1	485.66	491.68	500.19	492.51	1.48	ppb
Sulfur	34-1	9535.61	9977.87	9804.93	9772.80	2.28	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	476.97	487.78	486.87	483.87	1.24	ppb
Thallium	205-1	482.58	491.54	498.50	490.87	1.63	ppb
Tin	118-1	479.37	501.87	493.92	491.72	2.32	ppb
Titanium	47-1	4874.45	4984.63	4913.23	4924.10	1.14	ppb
Uranium	238-1	475.31	484.77	492.82	484.30	1.81	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:22:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	507.59	498.90	490.96	499.15	1.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	5157.87	5039.63	5116.36	5104.62	1.18	ppb
Zirconium	90-1	478.55	495.81	490.79	488.38	1.82	ppb
Zirconium	91-1	476.96	498.72	497.69	491.12	2.50	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:25:03	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20252.93	20749.16	20402.67	20468.25	1.24	ppb
Antimony	121-1	993.43	1005.22	1006.94	1001.86	0.73	ppb
Arsenic	75-2	992.30	1030.16	997.27	1006.58	2.04	ppb
Barium	135-1	4954.03	5076.26	5099.00	5043.10	1.55	ppb
Barium	137-1	4976.83	5015.80	5095.87	5029.50	1.21	ppb
Beryllium	9-1	981.85	1013.64	1015.70	1003.73	1.89	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	984.92	1003.06	1008.34	998.77	1.23	ppb
Cadmium	106-1	994.32	998.64	1009.84	1000.93	0.80	ppb
Cadmium	111-1	982.61	995.15	1019.62	999.13	1.88	ppb
Calcium	43-1	100441.86	101642.35	100997.08	101027.10	0.59	ppb
Calcium	44-1	100434.38	103291.24	101219.31	101648.31	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1005.79	990.26	1000.85	998.97	0.79	ppb
Cobalt	59-2	1005.72	995.75	991.21	997.56	0.74	ppb
Copper	63-2	9930.30	10068.91	9882.65	9960.62	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				97		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				80		%
Iron	54-2	51373.29	51182.03	51408.82	51321.38	0.24	ppb
Iron	56-2	50174.25	50579.10	50424.14	50392.50	0.41	ppb
Iron	57-2	50660.70	51198.23	49713.79	50524.24	1.49	ppb
Krypton	83-1						cps
Lead	206-1	5028.85	4981.67	5148.22	5052.92	1.70	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:25:03	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5031.60	4963.75	5145.53	5046.96	1.82	ppb
Lead	208-1	5042.48	4997.18	5092.89	5044.18	0.95	ppb
Lithium	6-1				91		%
Magnesium	24-2	103570.09	105105.98	104521.85	104399.31	0.74	ppb
Manganese	55-2	10054.25	10049.27	9944.64	10016.06	0.62	ppb
Molybdenum	94-1	9970.07	10073.57	10270.64	10104.76	1.51	ppb
Molybdenum	95-1	10026.50	10025.79	10275.89	10109.39	1.43	ppb
Molybdenum	96-1	9933.07	10026.88	10266.92	10075.62	1.71	ppb
Molybdenum	97-1	9926.10	10118.76	10239.00	10094.62	1.56	ppb
Molybdenum	98-1	9922.00	10019.87	10347.45	10096.44	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1013.26	1021.91	993.32	1009.50	1.45	ppb
Phosphorus	31-2	20090.41	20086.37	19751.18	19975.99	0.97	ppb
Potassium	39-2	49564.55	48909.00	49336.17	49269.91	0.68	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	986.70	1002.31	1021.85	1003.62	1.75	ppb
Selenium	77-2	1015.41	1010.37	992.71	1006.17	1.19	ppb
Selenium	78-2	996.49	1037.64	986.39	1006.84	2.70	ppb
Silicon	28-1	1001.99	1014.96	990.16	1002.37	1.24	ppb
Silver	107-1	991.45	1001.28	997.94	996.89	0.50	ppb
Silver	109-1	988.29	992.11	1003.37	994.59	0.79	ppb
Sodium	23-2	103619.67	105221.70	104255.06	104365.48	0.77	ppb
Strontium	86-1	998.92	1006.62	1014.28	1006.61	0.76	ppb
Strontium	88-1	994.68	1006.85	1020.08	1007.20	1.26	ppb
Sulfur	34-1	19555.21	19925.31	19709.29	19729.94	0.94	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	1012.78	995.33	1030.60	1012.90	1.74	ppb
Thallium	205-1	1010.19	997.41	1020.72	1009.44	1.16	ppb
Tin	118-1	1000.90	1002.24	1015.24	1006.13	0.79	ppb
Titanium	47-1	9995.20	10177.50	10071.65	10081.45	0.91	ppb
Uranium	238-1	1005.10	1011.93	1024.23	1013.75	0.96	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:25:03	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1007.52	999.42	1003.27	1003.40	0.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	9832.81	10019.51	9860.30	9904.21	1.02	ppb
Zirconium	90-1	992.93	1006.77	1028.67	1009.46	1.79	ppb
Zirconium	91-1	998.03	1008.07	1019.59	1008.57	1.07	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:27:48	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99570.51	100322.88	99807.40	99900.26	0.39	ppb
Antimony	121-1	0.77	0.75	0.74	0.75	1.94	ppb
Arsenic	75-2	0.48	0.52	0.45	0.48	6.92	ppb
Barium	135-1	1.98	2.05	2.01	2.01	1.86	ppb
Barium	137-1	2.01	2.07	2.08	2.05	1.85	ppb
Beryllium	9-1	0.12	0.11	0.10	0.11	9.21	ppb
Bismuth	209-1				81		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Cadmium	108-1	0.50	0.47	0.37	0.45	15.83	ppb
Cadmium	106-1	0.39	-0.31	0.16	0.08	444.14	ppb
Cadmium	111-1	0.17	0.12	0.14	0.14	17.10	ppb
Calcium	43-1	498380.19	499092.74	501983.90	499818.94	0.38	ppb
Calcium	44-1	494945.53	500336.43	504009.45	499763.80	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.18	8.98	8.91	9.02	1.57	ppb
Cobalt	59-2	2.10	2.15	2.13	2.13	1.14	ppb
Copper	63-2	2.58	2.66	2.60	2.61	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				90		%
Indium	115-1				85		%
Indium	115-2				79		%
Iron	54-2	252434.70	248607.89	247956.47	249666.35	0.97	ppb
Iron	56-2	251537.01	248830.18	249324.52	249897.24	0.58	ppb
Iron	57-2	251102.33	250304.33	248097.28	249834.64	0.62	ppb
Krypton	83-1						cps
Lead	206-1	5.79	5.89	5.82	5.83	0.90	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:27:48	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.90	6.03	5.88	5.94	1.44	ppb
Lead	208-1	5.83	5.96	5.87	5.89	1.16	ppb
Lithium	6-1				83		%
Magnesium	24-2	501828.42	506593.09	488281.02	498900.84	1.90	ppb
Manganese	55-2	5.86	5.86	5.94	5.89	0.75	ppb
Molybdenum	94-1	2.17	2.03	2.03	2.07	3.87	ppb
Molybdenum	95-1	1.43	1.37	1.34	1.38	3.52	ppb
Molybdenum	96-1	2.39	2.39	2.28	2.35	2.49	ppb
Molybdenum	97-1	1.41	1.33	1.26	1.33	5.48	ppb
Molybdenum	98-1	1.38	1.34	1.26	1.33	4.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.80	4.95	4.92	4.89	1.58	ppb
Phosphorus	31-2	-3.58	-8.87	-0.70	-4.38		ppb
Potassium	39-2	250411.85	249333.90	250822.00	250189.25	0.31	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	0.60	0.61	0.95	0.72	27.11	ppb
Selenium	77-2	0.61	0.00	1.87	0.83	115.05	ppb
Selenium	78-2	1.39	0.53	0.52	0.81	61.97	ppb
Silicon	28-1	2.84	2.51	2.32	2.56	10.21	ppb
Silver	107-1	0.11	0.10	0.08	0.10	12.26	ppb
Silver	109-1	0.09	0.09	0.08	0.09	5.78	ppb
Sodium	23-2	499295.06	499738.44	497753.68	498929.06	0.21	ppb
Strontium	86-1	3.26	3.25	3.28	3.26	0.47	ppb
Strontium	88-1	3.24	3.29	3.22	3.25	1.05	ppb
Sulfur	34-1	-162.36	-123.43	-130.94	-138.91		ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	0.10	0.09	0.08	0.09	12.41	ppb
Thallium	205-1	0.10	0.10	0.08	0.09	12.37	ppb
Tin	118-1	0.18	0.16	0.16	0.17	7.71	ppb
Titanium	47-1	0.90	0.89	0.98	0.92	5.34	ppb
Uranium	238-1	0.05	0.05	0.04	0.05	7.73	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:27:48	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.26	0.27	0.29	0.27	5.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				89		%
Yttrium	89-2				89		%
Zinc	66-2	60.01	61.95	59.54	60.50	2.11	ppb
Zirconium	90-1	0.48	0.47	0.47	0.47	1.10	ppb
Zirconium	91-1	0.47	0.49	0.46	0.48	3.08	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:58:07	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	497.11	491.86	489.82	492.93	0.76	ppb
Antimony	121-1	198.35	202.18	202.33	200.95	1.12	ppb
Arsenic	75-2	201.19	200.29	202.51	201.33	0.55	ppb
Barium	135-1	97.84	98.75	101.31	99.30	1.81	ppb
Barium	137-1	99.55	100.25	100.98	100.26	0.71	ppb
Beryllium	9-1	108.01	108.26	109.77	108.68	0.88	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	87.24	88.65	88.73	88.21	0.95	ppb
Cadmium	106-1	83.49	84.85	85.02	84.45	1.00	ppb
Cadmium	111-1	101.52	101.94	104.87	102.77	1.78	ppb
Calcium	43-1	1931.36	1955.55	1953.17	1946.69	0.68	ppb
Calcium	44-1	1947.82	1975.56	1969.85	1964.41	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.50	103.68	103.15	103.45	0.26	ppb
Cobalt	59-2	106.57	106.40	107.32	106.76	0.46	ppb
Copper	63-2	109.32	108.85	108.17	108.78	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	2140.48	2111.64	2128.14	2126.75	0.68	ppb
Iron	56-2	2092.65	2119.08	2088.05	2099.92	0.80	ppb
Iron	57-2	2033.34	2064.67	2058.78	2052.27	0.81	ppb
Krypton	83-1						cps
Lead	206-1	203.55	200.53	198.86	200.98	1.18	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:58:07	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	196.50	196.34	191.43	194.76	1.48	ppb
Lead	208-1	197.66	197.91	195.52	197.03	0.67	ppb
Lithium	6-1				102		%
Magnesium	24-2	1221.52	1220.95	1207.16	1216.55	0.67	ppb
Manganese	55-2	103.45	101.98	102.69	102.71	0.72	ppb
Molybdenum	94-1	0.05	0.07	0.08	0.07	24.48	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	13.53	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	10.21	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	6.12	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	12.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.99	106.97	108.67	107.88	0.80	ppb
Phosphorus	31-2	-19.47	-11.40	-14.93	-15.27		ppb
Potassium	39-2	1942.91	1948.19	1952.35	1947.82	0.24	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	214.76	213.77	213.78	214.10	0.26	ppb
Selenium	77-2	198.27	218.78	218.18	211.74	5.51	ppb
Selenium	78-2	203.42	203.30	208.77	205.17	1.52	ppb
Silicon	28-1	-0.33	-0.16	-0.33	-0.27		ppb
Silver	107-1	44.12	45.09	46.08	45.10	2.17	ppb
Silver	109-1	44.48	45.17	46.27	45.31	1.98	ppb
Sodium	23-2	2026.78	2080.45	2064.39	2057.21	1.34	ppb
Strontium	86-1	0.23	0.23	0.24	0.23	1.48	ppb
Strontium	88-1	0.24	0.24	0.24	0.24	0.59	ppb
Sulfur	34-1	-168.29	-163.74	-268.29	-200.11		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	193.78	196.37	195.56	195.24	0.68	ppb
Thallium	205-1	195.30	195.45	195.67	195.47	0.09	ppb
Tin	118-1	0.01	0.00	0.01	0.01	113.75	ppb
Titanium	47-1	-0.04	-0.06	-0.04	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:58:07	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	101.09	100.95	101.86	101.30	0.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	206.84	206.93	208.29	207.35	0.39	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	2.35	ppb
Zirconium	91-1	0.09	0.09	0.11	0.10	11.40	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:08:42	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.28	20.38	20.63	20.43	0.87	ppb
Antimony	121-1	1.84	1.84	1.81	1.83	0.98	ppb
Arsenic	75-2	0.93	0.91	1.03	0.95	6.84	ppb
Barium	135-1	9.25	9.32	9.15	9.24	0.95	ppb
Barium	137-1	9.20	9.35	9.17	9.24	1.07	ppb
Beryllium	9-1	1.01	1.07	1.05	1.04	3.32	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.70	1.04	1.01	0.92	20.89	ppb
Cadmium	106-1	0.83	1.31	0.39	0.84	54.19	ppb
Cadmium	111-1	1.03	1.01	0.96	1.00	3.64	ppb
Calcium	43-1	468.58	479.72	470.80	473.03	1.25	ppb
Calcium	44-1	472.78	482.49	467.28	474.18	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	1.90	2.00	1.97	2.93	ppb
Cobalt	59-2	1.00	1.00	1.03	1.01	1.52	ppb
Copper	63-2	2.08	2.09	2.03	2.07	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	51.17	50.90	49.55	50.54	1.72	ppb
Iron	56-2	48.86	49.23	48.66	48.92	0.59	ppb
Iron	57-2	48.44	49.37	47.37	48.39	2.07	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.88	0.85	0.87	1.78	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:08:42	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.90	0.92	0.92	0.91	1.39	ppb
Lead	208-1	0.91	0.90	0.90	0.90	0.72	ppb
Lithium	6-1				103		%
Magnesium	24-2	494.16	513.21	503.42	503.59	1.89	ppb
Manganese	55-2	0.93	1.14	1.03	1.03	9.96	ppb
Molybdenum	94-1	5.25	5.46	5.34	5.35	1.93	ppb
Molybdenum	95-1	4.37	4.44	4.53	4.44	1.81	ppb
Molybdenum	96-1	4.49	4.51	4.52	4.50	0.33	ppb
Molybdenum	97-1	4.48	4.49	4.48	4.48	0.16	ppb
Molybdenum	98-1	4.41	4.47	4.46	4.45	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.98	1.05	0.99	5.31	ppb
Phosphorus	31-2	10.22	1.63	25.76	12.54	97.57	ppb
Potassium	39-2	468.42	467.23	471.47	469.04	0.47	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	4.33	4.68	5.08	4.70	8.00	ppb
Selenium	77-2	3.72	4.73	5.86	4.77	22.46	ppb
Selenium	78-2	4.50	7.18	4.36	5.34	29.74	ppb
Silicon	28-1	0.39	0.52	0.59	0.50	20.79	ppb
Silver	107-1	0.94	0.96	0.96	0.96	1.05	ppb
Silver	109-1	0.95	0.98	0.96	0.96	1.57	ppb
Sodium	23-2	499.48	504.54	510.18	504.73	1.06	ppb
Strontium	86-1	0.88	0.94	0.93	0.92	3.41	ppb
Strontium	88-1	0.90	0.91	0.92	0.91	1.13	ppb
Sulfur	34-1	-54.06	-3.00	-70.84	-42.64		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.87	0.85	0.89	0.87	1.96	ppb
Thallium	205-1	0.89	0.89	0.88	0.88	0.30	ppb
Tin	118-1	4.64	4.74	4.55	4.64	2.09	ppb
Titanium	47-1	4.71	4.78	4.70	4.73	0.89	ppb
Uranium	238-1	0.86	0.86	0.85	0.85	0.78	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:08:42	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.76	4.83	4.76	4.78	0.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	4.99	4.82	4.84	4.88	1.87	ppb
Zirconium	90-1	0.87	0.91	0.90	0.89	1.95	ppb
Zirconium	91-1	0.89	0.90	0.90	0.90	0.60	ppb

LB Number : LB135757 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2025-05-13 16:15:46 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.55	-0.17	-0.56	-0.43		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	33.02	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	98.93	ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	-0.04	0.02	-0.05	-0.02		ppb
Cadmium	106-1	-0.03	-0.50	-0.06	-0.20		ppb
Cadmium	111-1	0.00	-0.04	0.00	-0.02		ppb
Calcium	43-1	-3.02	-3.62	-3.33	-3.32		ppb
Calcium	44-1	-0.23	-0.20	-0.40	-0.28		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	-0.01	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.03	-0.03	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	0.02	-0.44	1.81	0.46	255.84	ppb
Iron	56-2	-0.64	-0.70	-0.62	-0.66		ppb
Iron	57-2	-0.53	0.19	-0.33	-0.22		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.02	15.20	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:15:46	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.02	0.01	0.02	8.34	ppb
Lead	208-1	0.02	0.02	0.02	0.02	7.90	ppb
Lithium	6-1				104		%
Magnesium	24-2	-1.34	-1.51	-1.84	-1.56		ppb
Manganese	55-2	-0.10	-0.07	-0.04	-0.07		ppb
Molybdenum	94-1	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-15.53	-19.30	-16.65	-17.16		ppb
Potassium	39-2	-0.21	1.41	-0.11	0.36	250.38	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.06	-0.02	-0.03	0.00	2780.13	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.29	-0.14	-0.60	-0.34		ppb
Silicon	28-1	0.10	-0.27	-0.47	-0.21		ppb
Silver	107-1	0.00	0.00	0.00	0.00	15.70	ppb
Silver	109-1	0.00	0.00	0.00	0.00	23.70	ppb
Sodium	23-2	3.96	2.88	4.29	3.71	19.85	ppb
Strontium	86-1	-0.01	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	0.02	84.52	-17.96	22.19	246.55	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.00	0.00	0.00	24.72	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	33.82	ppb
Tin	118-1	-0.01	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.04	0.08	0.05	0.06	36.13	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:15:46	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	-0.11	-0.10	-0.11	-0.11		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	150.71	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	780.96	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:19:45	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92828.42	94281.15	94546.70	93885.42	0.99	ppb
Antimony	121-1	1.08	1.07	1.07	1.07	0.40	ppb
Arsenic	75-2	0.31	0.22	0.33	0.29	19.83	ppb
Barium	135-1	1.40	1.49	1.40	1.43	3.67	ppb
Barium	137-1	1.44	1.45	1.41	1.43	1.64	ppb
Beryllium	9-1	0.29	0.30	0.29	0.29	1.38	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	14.67	14.41	13.28	14.12	5.25	ppb
Cadmium	106-1	-0.44	-0.82	-0.35	-0.54		ppb
Cadmium	111-1	0.47	0.45	0.54	0.49	9.44	ppb
Calcium	43-1	98386.96	100548.92	98927.00	99287.63	1.13	ppb
Calcium	44-1	98856.80	98601.13	100322.13	99260.02	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.04	19.86	20.32	20.07	1.15	ppb
Cobalt	59-2	1.18	1.15	1.15	1.16	1.25	ppb
Copper	63-2	7.57	7.71	7.89	7.72	2.03	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				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	102145.96	102530.54	104067.00	102914.50	0.99	ppb
Iron	56-2	102057.77	103283.71	104628.74	103323.41	1.24	ppb
Iron	57-2	101495.08	103548.74	103399.90	102814.57	1.11	ppb
Krypton	83-1						cps
Lead	206-1	4.51	4.53	4.39	4.48	1.71	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:19:45	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.21	4.14	4.00	4.12	2.66	ppb
Lead	208-1	4.31	4.27	4.18	4.25	1.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	98916.28	98421.10	100998.95	99445.44	1.38	ppb
Manganese	55-2	7.69	7.50	7.52	7.57	1.32	ppb
Molybdenum	94-1	1558.80	1630.24	1577.63	1588.89	2.33	ppb
Molybdenum	95-1	1923.10	1983.38	1921.99	1942.82	1.81	ppb
Molybdenum	96-1	1906.37	1947.14	1925.24	1926.25	1.06	ppb
Molybdenum	97-1	1929.99	1990.86	1981.54	1967.47	1.67	ppb
Molybdenum	98-1	1891.50	2006.75	1959.74	1952.66	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.31	5.54	5.56	5.47	2.59	ppb
Phosphorus	31-2	104358.28	105481.41	105013.46	104951.05	0.54	ppb
Potassium	39-2	100116.06	99981.89	99717.11	99938.35	0.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	-0.02	-0.08	0.08	-0.01		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.53	0.04	0.22	0.26	93.20	ppb
Silicon	28-1	2.57	2.63	2.56	2.59	1.51	ppb
Silver	107-1	0.04	0.04	0.04	0.04	5.94	ppb
Silver	109-1	0.05	0.04	0.04	0.04	7.89	ppb
Sodium	23-2	106129.67	105037.56	105251.75	105472.99	0.55	ppb
Strontium	86-1	31.90	33.42	32.75	32.69	2.32	ppb
Strontium	88-1	34.02	35.86	34.21	34.70	2.91	ppb
Sulfur	34-1	97410.59	95796.61	96194.92	96467.37	0.87	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.08	0.09	0.07	28.75	ppb
Thallium	205-1	0.05	0.07	0.09	0.07	29.37	ppb
Tin	118-1	0.31	0.28	0.23	0.27	15.00	ppb
Titanium	47-1	1998.63	2021.15	2026.19	2015.32	0.73	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	2.10	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:19:45	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.15	0.16	0.15	0.15	5.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	12.25	11.93	12.02	12.06	1.39	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	28.26	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	15.79	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICSAB1	Instrumnet Name :	P8
Client Sample ID :	ICSAB1	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:29:03	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87982.32	88589.08	90618.25	89063.22	1.55	ppb
Antimony	121-1	19.76	19.98	20.07	19.94	0.80	ppb
Arsenic	75-2	18.93	19.58	19.75	19.42	2.21	ppb
Barium	135-1	20.43	20.26	20.36	20.35	0.42	ppb
Barium	137-1	20.32	20.43	20.76	20.50	1.12	ppb
Beryllium	9-1	21.32	22.07	21.08	21.49	2.40	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	28.53	28.99	29.42	28.98	1.53	ppb
Cadmium	106-1	13.78	15.09	14.71	14.52	4.63	ppb
Cadmium	111-1	18.96	19.30	19.15	19.14	0.90	ppb
Calcium	43-1	94781.12	96264.27	97065.10	96036.83	1.21	ppb
Calcium	44-1	94406.72	96031.89	96855.32	95764.64	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.36	38.07	38.65	38.36	0.76	ppb
Cobalt	59-2	20.59	20.77	20.76	20.71	0.50	ppb
Copper	63-2	26.78	26.55	26.90	26.74	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	97767.86	97191.38	98070.49	97676.58	0.46	ppb
Iron	56-2	97475.47	98381.15	98064.87	97973.83	0.47	ppb
Iron	57-2	97133.66	99800.08	99485.13	98806.29	1.47	ppb
Krypton	83-1						cps
Lead	206-1	22.89	23.18	22.91	22.99	0.70	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICSAB1	Instrumnet Name :	P8
Client Sample ID :	ICSAB1	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:29:03	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	22.63	22.29	22.85	22.59	1.26	ppb
Lead	208-1	22.52	22.61	22.77	22.63	0.55	ppb
Lithium	6-1				94		%
Magnesium	24-2	93604.60	93934.83	96490.75	94676.73	1.67	ppb
Manganese	55-2	26.13	26.22	25.94	26.10	0.56	ppb
Molybdenum	94-1	1530.07	1515.29	1512.07	1519.14	0.63	ppb
Molybdenum	95-1	1867.42	1867.21	1846.73	1860.45	0.64	ppb
Molybdenum	96-1	1838.92	1851.86	1813.17	1834.65	1.07	ppb
Molybdenum	97-1	1862.01	1892.86	1859.67	1871.51	0.99	ppb
Molybdenum	98-1	1871.74	1875.73	1863.45	1870.31	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.71	24.33	24.04	24.03	1.28	ppb
Phosphorus	31-2	97578.67	99033.20	99197.00	98602.96	0.90	ppb
Potassium	39-2	93291.59	94307.46	94890.20	94163.08	0.86	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	19.59	19.74	19.76	19.70	0.48	ppb
Selenium	77-2	22.42	15.87	20.95	19.75	17.42	ppb
Selenium	78-2	19.54	19.41	20.76	19.90	3.74	ppb
Silicon	28-1	2.59	2.69	2.62	2.64	1.96	ppb
Silver	107-1	17.87	18.28	18.20	18.12	1.19	ppb
Silver	109-1	18.01	18.19	18.51	18.24	1.38	ppb
Sodium	23-2	99442.48	100788.84	102637.91	100956.41	1.59	ppb
Strontium	86-1	31.45	31.52	31.37	31.44	0.24	ppb
Strontium	88-1	33.44	33.11	33.00	33.18	0.70	ppb
Sulfur	34-1	91473.06	92139.33	93415.39	92342.60	1.07	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	19.19	18.83	19.54	19.19	1.85	ppb
Thallium	205-1	19.39	19.19	19.71	19.43	1.34	ppb
Tin	118-1	0.19	0.18	0.18	0.18	2.79	ppb
Titanium	47-1	1949.91	1932.65	1925.44	1936.00	0.65	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	9.17	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICSAB1	Instrumnet Name :	P8
Client Sample ID :	ICSAB1	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:29:03	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.43	19.43	19.42	19.43	0.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	29.99	29.51	29.83	29.78	0.83	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	10.50	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	11.18	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:32:52	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49685.59	50888.34	49141.02	49904.98	1.79	ppb
Antimony	121-1	496.21	503.57	503.80	501.19	0.86	ppb
Arsenic	75-2	505.07	488.21	514.46	502.58	2.65	ppb
Barium	135-1	2476.51	2508.99	2515.96	2500.49	0.84	ppb
Barium	137-1	2473.31	2515.85	2504.83	2498.00	0.88	ppb
Beryllium	9-1	500.71	515.53	511.79	509.34	1.51	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	477.94	501.09	491.72	490.25	2.38	ppb
Cadmium	106-1	481.33	497.88	491.69	490.30	1.71	ppb
Cadmium	111-1	493.95	508.51	501.56	501.34	1.45	ppb
Calcium	43-1	251001.49	250723.31	248576.82	250100.54	0.53	ppb
Calcium	44-1	252709.40	251702.71	252479.97	252297.36	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	520.83	512.60	514.76	516.06	0.83	ppb
Cobalt	59-2	501.59	498.08	495.47	498.38	0.62	ppb
Copper	63-2	4933.62	4833.87	4779.65	4849.05	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				85		%
Iron	54-2	127389.93	125393.12	124836.07	125873.04	1.07	ppb
Iron	56-2	128353.93	124942.48	126306.85	126534.42	1.36	ppb
Iron	57-2	127030.92	123980.06	126347.09	125786.02	1.27	ppb
Krypton	83-1						cps
Lead	206-1	2471.22	2551.66	2480.29	2501.06	1.76	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:32:52	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2482.45	2536.66	2475.39	2498.17	1.34	ppb
Lead	208-1	2489.92	2536.58	2512.95	2513.15	0.93	ppb
Lithium	6-1				89		%
Magnesium	24-2	260476.64	253343.54	252204.70	255341.63	1.76	ppb
Manganese	55-2	5109.13	5044.78	5108.08	5087.33	0.72	ppb
Molybdenum	94-1	4853.29	4897.95	5081.61	4944.28	2.45	ppb
Molybdenum	95-1	4892.57	4905.65	5029.19	4942.47	1.53	ppb
Molybdenum	96-1	4911.66	4952.29	5060.27	4974.74	1.54	ppb
Molybdenum	97-1	4970.27	4955.65	5071.88	4999.27	1.27	ppb
Molybdenum	98-1	4956.48	4931.21	5011.93	4966.54	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.93	462.50	462.91	465.11	0.90	ppb
Phosphorus	31-2	10324.00	10003.64	9837.96	10055.20	2.46	ppb
Potassium	39-2	125202.56	125613.59	123883.10	124899.75	0.72	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	489.74	488.65	486.40	488.26	0.35	ppb
Selenium	77-2	499.07	475.20	489.15	487.81	2.46	ppb
Selenium	78-2	502.56	470.02	492.74	488.44	3.42	ppb
Silicon	28-1	490.40	484.09	485.04	486.51	0.70	ppb
Silver	107-1	482.15	495.26	484.32	487.24	1.44	ppb
Silver	109-1	489.09	490.11	489.77	489.66	0.11	ppb
Sodium	23-2	261417.58	254861.65	252888.17	256389.13	1.74	ppb
Strontium	86-1	509.16	505.30	501.52	505.33	0.76	ppb
Strontium	88-1	496.30	503.81	511.60	503.90	1.52	ppb
Sulfur	34-1	9996.25	9559.55	9478.30	9678.04	2.88	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	494.03	508.10	494.79	498.97	1.59	ppb
Thallium	205-1	505.99	510.09	507.00	507.69	0.42	ppb
Tin	118-1	496.01	502.18	505.27	501.15	0.94	ppb
Titanium	47-1	4895.65	4984.80	4904.95	4928.47	0.99	ppb
Uranium	238-1	498.56	510.23	511.18	506.66	1.39	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:32:52	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	522.20	506.91	522.54	517.22	1.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	4964.59	4897.41	4933.87	4931.96	0.68	ppb
Zirconium	90-1	494.02	497.41	505.54	498.99	1.19	ppb
Zirconium	91-1	497.08	505.33	503.10	501.83	0.85	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:40:54	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.31	6.24	6.71	6.09	11.65	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	11.25	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.01	0.00	0.00	89.49	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.02	-0.03	0.00	762.73	ppb
Cadmium	106-1	0.82	0.03	-0.97	-0.04		ppb
Cadmium	111-1	0.07	0.00	-0.07	0.00		ppb
Calcium	43-1	-1.31	-2.24	-3.52	-2.36		ppb
Calcium	44-1	0.38	0.97	0.58	0.65	46.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.01	0.00	3516.63	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.02	0.01	0.02	0.01	34.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	-0.17	0.03	0.22	0.02	783.60	ppb
Iron	56-2	-0.05	-0.10	-0.09	-0.08		ppb
Iron	57-2	0.02	0.71	0.56	0.43	84.36	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	2.21	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:40:54	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.04	0.04	0.05	10.65	ppb
Lead	208-1	0.05	0.05	0.04	0.05	4.76	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.34	-0.61	-0.90	-0.61		ppb
Manganese	55-2	0.00	-0.02	-0.02	-0.02		ppb
Molybdenum	94-1	0.05	0.04	0.04	0.04	16.51	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	5.40	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	22.34	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	20.65	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	21.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.03	-0.02		ppb
Phosphorus	31-2	-20.88	-22.73	-15.33	-19.64		ppb
Potassium	39-2	12.38	12.23	15.29	13.30	12.99	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	-0.10	0.03	-0.02	-0.03		ppb
Selenium	77-2	0.00	0.00	0.54	0.18	173.21	ppb
Selenium	78-2	-0.28	-0.28	0.50	-0.02		ppb
Silicon	28-1	-0.60	-0.57	-0.63	-0.60		ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.95	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.83	ppb
Sodium	23-2	22.19	21.97	21.95	22.04	0.61	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	-340.62	-315.81	-344.70	-333.71		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.02	0.02	0.65	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.93	ppb
Tin	118-1	0.02	0.00	0.01	0.01	88.21	ppb
Titanium	47-1	-0.01	0.00	-0.04	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:40:54	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	89.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	-0.01	0.01	-0.05	-0.02		ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	7.05	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	13.86	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:52:01	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.50	21.84	21.71	21.35	3.45	ppb
Antimony	121-1	2.08	2.15	2.13	2.12	1.63	ppb
Arsenic	75-2	1.11	1.07	1.17	1.12	4.65	ppb
Barium	135-1	10.51	10.62	10.80	10.64	1.35	ppb
Barium	137-1	10.53	10.69	11.03	10.75	2.37	ppb
Beryllium	9-1	1.11	1.22	1.15	1.16	4.69	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	1.06	1.09	1.23	1.13	7.84	ppb
Cadmium	106-1	1.66	0.74	1.64	1.35	38.83	ppb
Cadmium	111-1	1.21	1.12	1.23	1.18	4.99	ppb
Calcium	43-1	529.20	547.11	550.96	542.42	2.14	ppb
Calcium	44-1	527.69	558.31	552.14	546.05	2.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.14	2.18	2.20	2.17	1.35	ppb
Cobalt	59-2	1.18	1.18	1.14	1.17	2.20	ppb
Copper	63-2	2.35	2.39	2.36	2.36	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	56.84	58.63	58.97	58.15	1.96	ppb
Iron	56-2	55.49	56.22	55.27	55.66	0.89	ppb
Iron	57-2	54.95	55.37	54.11	54.81	1.17	ppb
Krypton	83-1						cps
Lead	206-1	0.95	1.00	1.02	0.99	3.65	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:52:01	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.97	1.04	1.04	1.02	3.76	ppb
Lead	208-1	0.99	1.02	1.03	1.01	2.10	ppb
Lithium	6-1				100		%
Magnesium	24-2	579.33	574.91	579.52	577.92	0.45	ppb
Manganese	55-2	1.01	1.10	1.04	1.05	4.34	ppb
Molybdenum	94-1	5.85	6.23	5.98	6.02	3.20	ppb
Molybdenum	95-1	4.96	5.18	5.05	5.06	2.28	ppb
Molybdenum	96-1	5.10	5.41	5.14	5.21	3.22	ppb
Molybdenum	97-1	5.07	5.18	5.14	5.13	1.10	ppb
Molybdenum	98-1	5.00	5.27	5.08	5.12	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.07	1.17	1.13	5.09	ppb
Phosphorus	31-2	14.46	20.93	10.03	15.14	36.20	ppb
Potassium	39-2	532.62	545.43	533.44	537.16	1.33	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	5.54	5.69	5.90	5.71	3.14	ppb
Selenium	77-2	9.64	6.34	5.35	7.11	31.56	ppb
Selenium	78-2	5.47	3.24	5.93	4.88	29.53	ppb
Silicon	28-1	0.30	0.42	0.43	0.38	18.96	ppb
Silver	107-1	1.07	1.10	1.12	1.10	2.18	ppb
Silver	109-1	1.07	1.12	1.13	1.11	2.89	ppb
Sodium	23-2	580.26	586.91	584.59	583.92	0.58	ppb
Strontium	86-1	1.03	1.09	1.03	1.05	2.97	ppb
Strontium	88-1	1.01	1.09	1.05	1.05	3.76	ppb
Sulfur	34-1	-219.86	65.54	15.50	-46.27		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.97	1.01	1.02	1.00	2.74	ppb
Thallium	205-1	0.98	1.00	1.01	0.99	1.35	ppb
Tin	118-1	5.27	5.44	5.36	5.35	1.60	ppb
Titanium	47-1	5.03	5.39	5.39	5.27	3.97	ppb
Uranium	238-1	0.96	0.98	0.99	0.97	1.54	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:52:01	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.57	5.49	5.49	5.51	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	5.43	6.15	5.70	5.76	6.35	ppb
Zirconium	90-1	1.01	1.06	1.05	1.04	2.67	ppb
Zirconium	91-1	1.00	1.10	1.03	1.04	4.95	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1769-08	Instrumnet Name :	P8
Client Sample ID :	EB01-040925	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:55:26	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.83	18.92	20.00	19.58	2.97	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	11.35	ppb
Arsenic	75-2	0.03	0.01	0.01	0.01	77.30	ppb
Barium	135-1	0.46	0.45	0.48	0.46	3.28	ppb
Barium	137-1	0.46	0.47	0.44	0.46	3.69	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.03	0.01	0.02	61.60	ppb
Cadmium	106-1	-0.96	0.23	-0.31	-0.34		ppb
Cadmium	111-1	-0.07	0.02	-0.03	-0.03		ppb
Calcium	43-1	2.55	4.22	4.32	3.70	26.83	ppb
Calcium	44-1	7.29	7.20	7.85	7.44	4.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.10	0.10	0.10	6.86	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.10	0.09	0.11	0.10	8.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	54-2	18.16	17.34	18.13	17.88	2.59	ppb
Iron	56-2	17.57	17.89	17.60	17.69	1.00	ppb
Iron	57-2	19.08	17.67	17.33	18.03	5.16	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.15	0.15	0.15	3.93	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1769-08	Instrumnet Name :	P8
Client Sample ID :	EB01-040925	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:55:26	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.15	0.15	0.16	0.15	3.78	ppb
Lead	208-1	0.16	0.15	0.16	0.16	1.82	ppb
Lithium	6-1				104		%
Magnesium	24-2	3.11	3.11	3.68	3.30	9.94	ppb
Manganese	55-2	0.33	0.28	0.39	0.33	15.61	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	593.74	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	93.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.68	0.73	0.73	6.51	ppb
Phosphorus	31-2	-23.11	-22.07	-18.42	-21.20		ppb
Potassium	39-2	14.20	17.44	18.44	16.69	13.29	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	82-1	0.07	-0.17	0.03	-0.03		ppb
Selenium	77-2	0.00	0.53	0.53	0.35	86.60	ppb
Selenium	78-2	-0.29	-0.14	0.63	0.07	736.23	ppb
Silicon	28-1	2.42	2.40	2.54	2.46	2.95	ppb
Silver	107-1	0.05	0.06	0.05	0.05	4.36	ppb
Silver	109-1	0.05	0.05	0.05	0.05	2.56	ppb
Sodium	23-2	22.48	23.54	23.70	23.24	2.86	ppb
Strontium	86-1	0.04	0.07	0.07	0.06	22.97	ppb
Strontium	88-1	0.06	0.05	0.06	0.06	6.14	ppb
Sulfur	34-1	-382.55	-367.13	-322.18	-357.29		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.01	0.01	0.01	27.44	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	28.41	ppb
Tin	118-1	0.00	0.01	0.00	0.00	149.56	ppb
Titanium	47-1	0.29	0.30	0.29	0.29	2.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1769-08	Instrumnet Name :	P8
Client Sample ID :	EB01-040925	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:55:26	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.09	0.08	0.09	0.09	4.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	19.83	19.65	19.76	19.75	0.46	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	48.48	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:58:48	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64120.35	63488.84	64349.30	63986.16	0.70	ppb
Antimony	121-1	0.29	0.29	0.28	0.29	1.80	ppb
Arsenic	75-2	40.43	40.93	40.42	40.59	0.71	ppb
Barium	135-1	428.09	433.23	431.72	431.01	0.61	ppb
Barium	137-1	431.63	426.17	430.79	429.53	0.68	ppb
Beryllium	9-1	3.72	3.78	3.83	3.78	1.37	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	8.88	9.02	9.00	8.97	0.83	ppb
Cadmium	106-1	33.94	32.51	33.24	33.23	2.15	ppb
Cadmium	111-1	5.91	5.85	5.83	5.86	0.71	ppb
Calcium	43-1	169115.78	169418.69	169657.15	169397.21	0.16	ppb
Calcium	44-1	170605.69	171867.50	170303.54	170925.57	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.97	2.91	2.81	2.90	2.84	ppb
Cobalt	59-2	230.14	230.17	234.30	231.54	1.03	ppb
Copper	63-2	6465.53	6336.34	6309.87	6370.58	1.31	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				111		%
Holmium	165-2				111		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	588986.66	590566.91	593766.28	591106.62	0.41	ppb
Iron	56-2	586574.52	589716.02	585484.49	587258.35	0.37	ppb
Iron	57-2	587376.58	586117.30	595768.56	589754.15	0.89	ppb
Krypton	83-1						cps
Lead	206-1	549.63	554.88	568.55	557.68	1.75	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:58:48	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	543.69	544.58	552.52	546.93	0.89	ppb
Lead	208-1	554.44	558.12	559.77	557.44	0.49	ppb
Lithium	6-1				95		%
Magnesium	24-2	30913.88	31143.48	31179.18	31078.85	0.46	ppb
Manganese	55-2	6033.20	6136.31	6185.82	6118.44	1.27	ppb
Molybdenum	94-1	27.48	27.73	27.12	27.44	1.13	ppb
Molybdenum	95-1	1.94	1.95	1.91	1.93	1.08	ppb
Molybdenum	96-1	5.62	5.72	5.54	5.62	1.66	ppb
Molybdenum	97-1	1.96	1.96	1.95	1.96	0.41	ppb
Molybdenum	98-1	1.90	1.93	1.89	1.91	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.65	14.67	14.71	14.68	0.19	ppb
Phosphorus	31-2	59062.17	58917.70	58886.18	58955.35	0.16	ppb
Potassium	39-2	30550.26	30388.20	30063.55	30334.00	0.82	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				119		%
Scandium	45-2				113		%
Selenium	82-1	6.61	6.26	6.45	6.44	2.70	ppb
Selenium	77-2	328.65	360.49	338.93	342.69	4.74	ppb
Selenium	78-2	64.03	60.03	64.39	62.82	3.85	ppb
Silicon	28-1	2475.62	2436.46	2444.02	2452.03	0.85	ppb
Silver	107-1	1.45	1.46	1.45	1.46	0.45	ppb
Silver	109-1	1.40	1.43	1.44	1.43	1.48	ppb
Sodium	23-2	2248.48	2282.66	2288.86	2273.34	0.96	ppb
Strontium	86-1	44.66	44.67	43.84	44.39	1.07	ppb
Strontium	88-1	46.15	46.68	46.00	46.28	0.77	ppb
Sulfur	34-1	3248.96	3281.10	3193.28	3241.11	1.37	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	1.67	1.69	1.66	1.67	1.02	ppb
Thallium	205-1	1.69	1.71	1.71	1.70	0.83	ppb
Tin	118-1	5.20	5.21	5.17	5.19	0.34	ppb
Titanium	47-1	4307.48	4325.61	4254.09	4295.73	0.87	ppb
Uranium	238-1	6.35	6.61	6.58	6.51	2.21	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:58:48	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	57.17	57.08	57.01	57.09	0.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				271		%
Yttrium	89-2				264		%
Zinc	66-2	1650.25	1630.88	1641.96	1641.03	0.59	ppb
Zirconium	90-1	14.98	15.05	14.89	14.97	0.54	ppb
Zirconium	91-1	14.20	14.33	14.10	14.21	0.80	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUP	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUP	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:01:48	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65904.62	65285.99	66538.60	65909.74	0.95	ppb
Antimony	121-1	0.28	0.29	0.28	0.29	1.88	ppb
Arsenic	75-2	41.23	41.38	41.65	41.42	0.52	ppb
Barium	135-1	444.48	452.28	427.51	441.42	2.87	ppb
Barium	137-1	434.53	439.37	433.13	435.68	0.75	ppb
Beryllium	9-1	3.75	3.84	3.74	3.78	1.39	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	8.88	9.09	9.14	9.03	1.53	ppb
Cadmium	106-1	32.23	33.87	32.51	32.87	2.67	ppb
Cadmium	111-1	5.86	6.00	5.68	5.85	2.76	ppb
Calcium	43-1	171216.78	175421.91	173745.64	173461.44	1.22	ppb
Calcium	44-1	170230.82	176319.31	173277.73	173275.95	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.85	2.76	2.99	2.87	3.91	ppb
Cobalt	59-2	240.61	235.15	235.36	237.04	1.30	ppb
Copper	63-2	6355.49	6377.85	6400.39	6377.91	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	602211.52	602787.07	604423.76	603140.79	0.19	ppb
Iron	56-2	609342.04	609814.96	605084.78	608080.59	0.43	ppb
Iron	57-2	604158.27	603868.46	603085.72	603704.15	0.09	ppb
Krypton	83-1						cps
Lead	206-1	563.99	573.33	580.25	572.52	1.43	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUP	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUP	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:01:48	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	557.76	559.51	573.43	563.57	1.52	ppb
Lead	208-1	566.40	568.68	576.55	570.54	0.93	ppb
Lithium	6-1				97		%
Magnesium	24-2	31964.47	32433.23	32262.91	32220.21	0.74	ppb
Manganese	55-2	6283.36	6233.78	6214.42	6243.85	0.57	ppb
Molybdenum	94-1	27.58	28.08	27.79	27.82	0.90	ppb
Molybdenum	95-1	1.92	1.96	1.94	1.94	1.16	ppb
Molybdenum	96-1	5.55	5.70	5.65	5.63	1.33	ppb
Molybdenum	97-1	1.94	1.94	1.96	1.95	0.50	ppb
Molybdenum	98-1	1.88	1.94	1.89	1.90	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.67	14.95	14.78	14.80	0.93	ppb
Phosphorus	31-2	59304.36	59228.48	59419.00	59317.28	0.16	ppb
Potassium	39-2	30054.67	31040.68	30277.83	30457.73	1.70	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				118		%
Scandium	45-2				113		%
Selenium	82-1	6.19	6.69	6.17	6.35	4.67	ppb
Selenium	77-2	344.97	362.68	349.05	352.23	2.63	ppb
Selenium	78-2	62.61	61.68	62.38	62.22	0.78	ppb
Silicon	28-1	2514.18	2547.93	2577.72	2546.61	1.25	ppb
Silver	107-1	1.42	1.45	1.48	1.45	2.09	ppb
Silver	109-1	1.39	1.43	1.43	1.42	1.92	ppb
Sodium	23-2	2336.78	2358.04	2325.97	2340.26	0.70	ppb
Strontium	86-1	43.97	44.93	44.44	44.44	1.08	ppb
Strontium	88-1	46.15	46.52	46.50	46.39	0.45	ppb
Sulfur	34-1	3085.43	3243.09	3230.18	3186.23	2.75	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	1.69	1.70	1.72	1.70	1.06	ppb
Thallium	205-1	1.69	1.71	1.76	1.72	2.03	ppb
Tin	118-1	5.07	5.44	5.09	5.20	3.95	ppb
Titanium	47-1	4398.04	4470.82	4403.10	4423.99	0.92	ppb
Uranium	238-1	6.59	6.71	6.69	6.67	0.95	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUP	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUP	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:01:48	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	58.34	58.75	58.74	58.61	0.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				275		%
Yttrium	89-2				265		%
Zinc	66-2	1658.96	1651.58	1667.60	1659.38	0.48	ppb
Zirconium	90-1	15.12	15.14	15.16	15.14	0.11	ppb
Zirconium	91-1	14.05	14.34	14.37	14.25	1.24	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066L	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:04:51	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14322.47	14268.49	14300.80	14297.26	0.19	ppb
Antimony	121-1	0.10	0.10	0.11	0.10	5.49	ppb
Arsenic	75-2	16.16	15.70	16.16	16.01	1.64	ppb
Barium	135-1	87.00	87.29	86.35	86.88	0.55	ppb
Barium	137-1	87.66	88.25	87.17	87.69	0.62	ppb
Beryllium	9-1	0.77	0.74	0.76	0.76	1.74	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	1.74	2.02	1.90	1.88	7.25	ppb
Cadmium	106-1	6.32	6.31	6.99	6.54	5.94	ppb
Cadmium	111-1	1.18	1.18	1.26	1.21	3.68	ppb
Calcium	43-1	37799.32	37921.27	37736.99	37819.19	0.25	ppb
Calcium	44-1	37842.41	37820.24	37993.73	37885.46	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.64	0.62	0.63	0.63	0.99	ppb
Cobalt	59-2	48.21	48.79	49.12	48.71	0.94	ppb
Copper	63-2	1435.63	1447.58	1442.09	1441.77	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	129124.78	131495.45	130603.39	130407.87	0.92	ppb
Iron	56-2	129065.53	130647.10	131995.47	130569.36	1.12	ppb
Iron	57-2	131393.05	131408.56	131511.37	131437.66	0.05	ppb
Krypton	83-1						cps
Lead	206-1	108.59	111.61	112.36	110.85	1.80	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066L	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:04:51	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	107.37	109.57	107.76	108.23	1.08	ppb
Lead	208-1	109.09	110.94	110.62	110.22	0.90	ppb
Lithium	6-1				100		%
Magnesium	24-2	7202.88	7268.35	7256.06	7242.43	0.48	ppb
Manganese	55-2	1346.04	1373.56	1343.83	1354.48	1.22	ppb
Molybdenum	94-1	10.41	10.63	10.45	10.50	1.11	ppb
Molybdenum	95-1	0.76	0.73	0.73	0.74	1.74	ppb
Molybdenum	96-1	2.13	2.17	2.13	2.14	1.13	ppb
Molybdenum	97-1	0.74	0.77	0.75	0.75	2.27	ppb
Molybdenum	98-1	0.71	0.74	0.71	0.72	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.30	3.35	3.34	3.33	0.76	ppb
Phosphorus	31-2	13092.01	13002.92	13180.80	13091.91	0.68	ppb
Potassium	39-2	6401.72	6414.18	6474.33	6430.08	0.60	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	2.74	2.27	2.70	2.57	10.12	ppb
Selenium	77-2	143.08	140.00	150.33	144.47	3.67	ppb
Selenium	78-2	25.67	25.65	26.51	25.94	1.90	ppb
Silicon	28-1	549.29	542.28	554.15	548.57	1.09	ppb
Silver	107-1	0.32	0.33	0.33	0.33	2.80	ppb
Silver	109-1	0.33	0.32	0.33	0.32	0.95	ppb
Sodium	23-2	515.44	515.44	522.20	517.69	0.75	ppb
Strontium	86-1	17.30	17.67	17.30	17.42	1.24	ppb
Strontium	88-1	18.39	18.47	18.17	18.35	0.84	ppb
Sulfur	34-1	234.79	290.62	318.95	281.45	15.21	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.33	0.32	0.33	0.33	1.06	ppb
Thallium	205-1	0.33	0.34	0.34	0.34	2.48	ppb
Tin	118-1	1.12	1.16	1.08	1.12	3.94	ppb
Titanium	47-1	940.41	947.09	930.51	939.34	0.89	ppb
Uranium	238-1	1.23	1.27	1.27	1.26	1.67	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066L	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:04:51	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	12.24	12.01	12.22	12.16	1.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				141		%
Yttrium	89-2				133		%
Zinc	66-2	366.21	369.31	372.24	369.25	0.82	ppb
Zirconium	90-1	5.43	5.51	5.41	5.45	0.93	ppb
Zirconium	91-1	5.41	5.49	5.41	5.44	0.81	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MS	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MS	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:07:59	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33726.98	33235.45	33222.25	33394.89	0.86	ppb
Antimony	121-1	449.08	453.64	451.52	451.41	0.51	ppb
Arsenic	75-2	25.00	25.19	24.50	24.90	1.45	ppb
Barium	135-1	2208.78	2273.55	2301.51	2261.28	2.10	ppb
Barium	137-1	2266.05	2262.88	2270.91	2266.61	0.18	ppb
Beryllium	9-1	489.03	479.96	498.73	489.24	1.92	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	425.06	439.40	433.46	432.64	1.66	ppb
Cadmium	106-1	463.01	472.25	470.05	468.44	1.03	ppb
Cadmium	111-1	453.98	457.29	458.33	456.53	0.50	ppb
Calcium	43-1	139568.83	145164.59	145271.12	143334.85	2.28	ppb
Calcium	44-1	140045.38	143929.03	145879.57	143284.66	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	480.64	453.17	470.22	468.01	2.96	ppb
Cobalt	59-2	578.81	561.10	573.50	571.13	1.59	ppb
Copper	63-2	8370.38	8212.33	8225.59	8269.43	1.06	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				110		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	256585.39	248528.61	250502.64	251872.21	1.67	ppb
Iron	56-2	252030.10	247327.95	248199.36	249185.80	1.00	ppb
Iron	57-2	255938.60	246067.89	249488.93	250498.47	2.00	ppb
Krypton	83-1						cps
Lead	206-1	2635.91	2739.87	2714.95	2696.91	2.01	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MS	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MS	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:07:59	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2742.93	2758.59	2783.99	2761.84	0.75	ppb
Lead	208-1	2712.28	2750.56	2780.94	2747.93	1.25	ppb
Lithium	6-1				95		%
Magnesium	24-2	62312.54	61347.09	61126.53	61595.39	1.02	ppb
Manganese	55-2	7596.81	7135.74	7331.10	7354.55	3.15	ppb
Molybdenum	94-1	1125.97	1173.88	1179.74	1159.86	2.54	ppb
Molybdenum	95-1	848.36	887.48	880.16	872.00	2.39	ppb
Molybdenum	96-1	886.40	931.08	926.31	914.60	2.68	ppb
Molybdenum	97-1	861.54	896.33	892.41	883.43	2.16	ppb
Molybdenum	98-1	861.72	888.71	890.95	880.46	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	450.97	442.71	443.90	445.86	1.00	ppb
Phosphorus	31-2	40054.95	39067.29	38386.08	39169.44	2.14	ppb
Potassium	39-2	37271.24	36254.55	36664.94	36730.25	1.39	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	245.41	256.65	249.72	250.59	2.26	ppb
Selenium	77-2	533.80	512.95	520.36	522.37	2.02	ppb
Selenium	78-2	288.58	286.90	298.58	291.36	2.17	ppb
Silicon	28-1	1183.70	1222.69	1224.30	1210.23	1.90	ppb
Silver	107-1	77.90	79.93	78.97	78.94	1.29	ppb
Silver	109-1	77.53	80.26	78.17	78.65	1.81	ppb
Sodium	23-2	50966.10	49325.70	49939.86	50077.22	1.66	ppb
Strontium	86-1	325.58	335.06	331.18	330.61	1.44	ppb
Strontium	88-1	323.84	332.81	331.28	329.31	1.46	ppb
Sulfur	34-1	1778.89	1984.12	1980.21	1914.40	6.13	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	452.52	476.23	470.93	466.56	2.67	ppb
Thallium	205-1	461.10	473.09	479.50	471.23	1.98	ppb
Tin	118-1	404.08	402.81	404.33	403.74	0.20	ppb
Titanium	47-1	1671.47	1727.31	1711.66	1703.48	1.69	ppb
Uranium	238-1	467.44	478.92	480.37	475.57	1.49	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MS	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MS	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:07:59	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	519.61	503.84	511.30	511.58	1.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				200		%
Yttrium	89-2				190		%
Zinc	66-2	5715.87	5570.68	5587.95	5624.83	1.41	ppb
Zirconium	90-1	245.31	253.32	253.07	250.56	1.82	ppb
Zirconium	91-1	241.37	254.37	250.00	248.58	2.66	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSD	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSD	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:10:44	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41379.50	41294.20	40885.49	41186.40	0.64	ppb
Antimony	121-1	461.17	466.79	458.58	462.18	0.91	ppb
Arsenic	75-2	30.10	30.10	30.31	30.17	0.41	ppb
Barium	135-1	2366.53	2380.73	2360.53	2369.27	0.44	ppb
Barium	137-1	2393.87	2347.03	2379.02	2373.31	1.01	ppb
Beryllium	9-1	477.77	475.47	477.34	476.86	0.26	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	446.14	437.15	438.54	440.61	1.10	ppb
Cadmium	106-1	474.41	475.19	473.83	474.48	0.14	ppb
Cadmium	111-1	468.59	478.52	462.46	469.86	1.72	ppb
Calcium	43-1	147815.68	148827.46	148137.90	148260.35	0.35	ppb
Calcium	44-1	148843.87	149003.39	147621.36	148489.54	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.61	470.28	479.64	476.51	1.13	ppb
Cobalt	59-2	593.57	588.95	590.93	591.15	0.39	ppb
Copper	63-2	8540.65	8658.85	8769.07	8656.19	1.32	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				109		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	279439.78	269936.93	278551.90	275976.20	1.90	ppb
Iron	56-2	279571.88	272061.44	278877.36	276836.89	1.50	ppb
Iron	57-2	277190.67	280105.17	276838.54	278044.79	0.64	ppb
Krypton	83-1						cps
Lead	206-1	2663.73	2648.62	2661.54	2657.96	0.31	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSD	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSD	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:10:44	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2717.75	2663.38	2630.44	2670.52	1.65	ppb
Lead	208-1	2723.20	2670.63	2658.91	2684.25	1.28	ppb
Lithium	6-1				99		%
Magnesium	24-2	63651.87	63359.95	63817.98	63609.93	0.36	ppb
Manganese	55-2	7434.65	7256.61	7395.28	7362.18	1.27	ppb
Molybdenum	94-1	1168.70	1213.37	1208.74	1196.94	2.05	ppb
Molybdenum	95-1	869.71	907.92	904.80	894.15	2.37	ppb
Molybdenum	96-1	922.49	958.14	955.83	945.49	2.11	ppb
Molybdenum	97-1	892.57	906.35	922.45	907.12	1.65	ppb
Molybdenum	98-1	889.20	905.94	913.76	902.96	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	456.43	456.21	458.17	456.93	0.23	ppb
Phosphorus	31-2	37636.18	37836.20	38056.65	37843.01	0.56	ppb
Potassium	39-2	42483.62	42787.56	43642.75	42971.31	1.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	250.77	256.67	259.89	255.78	1.81	ppb
Selenium	77-2	520.84	513.15	526.05	520.01	1.25	ppb
Selenium	78-2	293.40	298.25	303.74	298.47	1.73	ppb
Silicon	28-1	957.26	960.60	960.67	959.51	0.20	ppb
Silver	107-1	79.78	81.48	80.34	80.53	1.07	ppb
Silver	109-1	80.09	80.78	80.22	80.36	0.46	ppb
Sodium	23-2	50792.55	51044.01	50322.13	50719.56	0.72	ppb
Strontium	86-1	365.09	371.79	368.47	368.45	0.91	ppb
Strontium	88-1	361.17	370.07	367.23	366.15	1.24	ppb
Sulfur	34-1	2747.82	2869.18	2827.69	2814.90	2.19	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	467.07	473.18	461.72	467.32	1.23	ppb
Thallium	205-1	469.91	471.28	478.08	473.09	0.93	ppb
Tin	118-1	428.13	417.66	413.51	419.77	1.80	ppb
Titanium	47-1	2299.95	2380.37	2388.19	2356.17	2.07	ppb
Uranium	238-1	481.68	465.61	464.98	470.76	2.01	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSD	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSD	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:10:44	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	531.25	511.07	528.97	523.76	2.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				196		%
Yttrium	89-2				186		%
Zinc	66-2	5658.99	5680.65	5763.73	5701.12	0.97	ppb
Zirconium	90-1	254.86	262.29	262.74	259.96	1.70	ppb
Zirconium	91-1	255.20	262.71	259.63	259.18	1.46	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01A	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066A	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:13:26	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39587.40	39387.71	39911.59	39628.90	0.67	ppb
Antimony	121-1	461.50	457.05	466.18	461.57	0.99	ppb
Arsenic	75-2	29.75	30.81	30.89	30.48	2.10	ppb
Barium	135-1	2308.74	2363.90	2367.52	2346.72	1.40	ppb
Barium	137-1	2332.92	2349.37	2366.99	2349.76	0.73	ppb
Beryllium	9-1	478.64	481.76	473.39	477.93	0.88	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	439.96	440.13	448.86	442.98	1.15	ppb
Cadmium	106-1	476.40	470.87	480.45	475.91	1.01	ppb
Cadmium	111-1	452.69	464.20	463.97	460.28	1.43	ppb
Calcium	43-1	147535.76	150143.64	149257.13	148978.84	0.89	ppb
Calcium	44-1	150590.29	152021.44	149294.36	150635.36	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	470.14	465.88	464.76	466.93	0.61	ppb
Cobalt	59-2	575.76	572.21	570.20	572.73	0.49	ppb
Copper	63-2	8594.63	8581.86	8569.49	8581.99	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				111		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	272829.80	269904.03	271312.84	271348.89	0.54	ppb
Iron	56-2	273091.40	270517.63	272595.73	272068.25	0.50	ppb
Iron	57-2	269832.17	270120.38	272106.99	270686.51	0.46	ppb
Krypton	83-1						cps
Lead	206-1	2647.22	2678.41	2697.48	2674.37	0.95	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01A	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066A	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:13:26	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2723.32	2687.69	2737.97	2716.33	0.95	ppb
Lead	208-1	2692.52	2693.79	2712.09	2699.47	0.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	60985.36	61540.86	62203.97	61576.73	0.99	ppb
Manganese	55-2	7284.92	7212.35	7189.18	7228.82	0.69	ppb
Molybdenum	94-1	1199.80	1225.41	1205.67	1210.29	1.11	ppb
Molybdenum	95-1	882.70	918.60	895.57	898.95	2.02	ppb
Molybdenum	96-1	934.24	948.64	946.91	943.27	0.83	ppb
Molybdenum	97-1	907.07	914.29	909.70	910.35	0.40	ppb
Molybdenum	98-1	901.91	926.13	903.94	910.66	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	446.25	446.17	449.18	447.20	0.38	ppb
Phosphorus	31-2	36643.34	36880.66	37011.77	36845.26	0.51	ppb
Potassium	39-2	42150.65	42028.12	41985.15	42054.64	0.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	82-1	255.52	257.60	254.61	255.91	0.60	ppb
Selenium	77-2	525.23	519.04	538.81	527.70	1.92	ppb
Selenium	78-2	297.50	307.62	304.14	303.09	1.70	ppb
Silicon	28-1	943.12	981.44	947.04	957.20	2.20	ppb
Silver	107-1	80.46	80.33	81.33	80.71	0.67	ppb
Silver	109-1	79.61	79.88	80.05	79.85	0.28	ppb
Sodium	23-2	49790.56	49356.48	49483.62	49543.55	0.45	ppb
Strontium	86-1	365.99	364.73	363.21	364.64	0.38	ppb
Strontium	88-1	367.39	360.86	365.79	364.68	0.93	ppb
Sulfur	34-1	2672.96	2987.79	2747.33	2802.69	5.87	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	462.85	465.87	476.30	468.34	1.51	ppb
Thallium	205-1	465.02	474.75	471.47	470.41	1.05	ppb
Tin	118-1	416.92	410.34	414.66	413.98	0.81	ppb
Titanium	47-1	2312.95	2392.98	2374.76	2360.23	1.78	ppb
Uranium	238-1	461.17	466.87	472.05	466.70	1.17	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01A	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066A	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:13:26	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	514.26	509.08	509.05	510.80	0.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				198		%
Yttrium	89-2				185		%
Zinc	66-2	5638.43	5611.98	5630.40	5626.94	0.24	ppb
Zirconium	90-1	254.21	263.60	260.55	259.46	1.85	ppb
Zirconium	91-1	255.47	263.08	262.75	260.43	1.65	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:17:51	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13896.85	13730.82	13200.70	13609.46	2.67	ppb
Antimony	121-1	0.08	0.07	0.08	0.08	3.04	ppb
Arsenic	75-2	14.54	15.33	15.73	15.20	3.99	ppb
Barium	135-1	84.60	85.29	84.89	84.93	0.41	ppb
Barium	137-1	85.19	85.67	85.99	85.62	0.47	ppb
Beryllium	9-1	0.79	0.79	0.81	0.80	1.83	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	1.74	1.88	2.19	1.94	11.81	ppb
Cadmium	106-1	6.60	6.17	6.32	6.36	3.48	ppb
Cadmium	111-1	1.23	1.15	1.18	1.19	3.68	ppb
Calcium	43-1	36613.09	37209.76	37135.49	36986.11	0.88	ppb
Calcium	44-1	36230.42	36807.49	37185.24	36741.05	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.60	0.60	0.55	0.58	5.36	ppb
Cobalt	59-2	47.79	47.47	46.07	47.11	1.95	ppb
Copper	63-2	1409.11	1391.87	1334.61	1378.53	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	126518.21	124931.58	121253.81	124234.53	2.17	ppb
Iron	56-2	126043.78	126848.76	121907.92	124933.49	2.12	ppb
Iron	57-2	126423.89	127374.95	120837.49	124878.78	2.83	ppb
Krypton	83-1						cps
Lead	206-1	109.29	107.37	109.49	108.72	1.07	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:17:51	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	100.16	99.02	100.57	99.92	0.80	ppb
Lead	208-1	107.38	105.19	107.12	106.56	1.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	7097.97	6796.00	6535.31	6809.76	4.13	ppb
Manganese	55-2	1294.38	1297.51	1257.30	1283.06	1.74	ppb
Molybdenum	94-1	10.75	10.80	10.60	10.72	0.99	ppb
Molybdenum	95-1	0.78	0.78	0.75	0.77	2.47	ppb
Molybdenum	96-1	2.13	2.15	2.13	2.14	0.61	ppb
Molybdenum	97-1	0.79	0.77	0.74	0.77	3.27	ppb
Molybdenum	98-1	0.74	0.74	0.71	0.73	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.18	3.19	2.91	3.09	5.20	ppb
Phosphorus	31-2	12723.13	12683.83	12243.52	12550.16	2.12	ppb
Potassium	39-2	6235.79	6236.38	5959.58	6143.92	2.60	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	2.58	2.20	2.21	2.33	9.40	ppb
Selenium	77-2	141.52	156.25	132.23	143.33	8.45	ppb
Selenium	78-2	22.27	23.15	24.79	23.40	5.47	ppb
Silicon	28-1	527.04	585.66	531.55	548.08	5.95	ppb
Silver	107-1	0.31	0.32	0.33	0.32	1.94	ppb
Silver	109-1	0.30	0.32	0.32	0.31	2.96	ppb
Sodium	23-2	509.44	500.66	479.44	496.51	3.11	ppb
Strontium	86-1	16.97	17.22	17.21	17.13	0.84	ppb
Strontium	88-1	18.10	18.28	18.12	18.16	0.55	ppb
Sulfur	34-1	534.68	540.53	431.00	502.07	12.27	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.44	0.42	0.40	0.42	5.07	ppb
Thallium	205-1	0.45	0.42	0.41	0.43	4.27	ppb
Tin	118-1	1.04	1.08	1.08	1.07	2.39	ppb
Titanium	47-1	927.76	921.01	926.97	925.25	0.40	ppb
Uranium	238-1	1.25	1.23	1.22	1.23	1.34	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:17:51	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	11.93	11.84	11.54	11.77	1.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				142		%
Yttrium	89-2				138		%
Zinc	66-2	359.38	356.14	338.73	351.42	3.16	ppb
Zirconium	90-1	5.50	5.59	5.45	5.51	1.37	ppb
Zirconium	91-1	5.44	5.55	5.35	5.45	1.87	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:20:59	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51219.10	49997.05	50290.10	50502.08	1.26	ppb
Antimony	121-1	506.77	497.99	497.86	500.87	1.02	ppb
Arsenic	75-2	481.72	484.46	484.08	483.42	0.31	ppb
Barium	135-1	2534.81	2513.74	2478.71	2509.09	1.13	ppb
Barium	137-1	2532.58	2505.59	2477.85	2505.34	1.09	ppb
Beryllium	9-1	511.86	503.69	514.46	510.00	1.10	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	491.80	497.81	490.65	493.42	0.78	ppb
Cadmium	106-1	493.59	493.88	486.89	491.45	0.80	ppb
Cadmium	111-1	493.13	489.79	487.99	490.30	0.53	ppb
Calcium	43-1	248165.18	252198.00	242776.97	247713.38	1.91	ppb
Calcium	44-1	250356.63	251689.04	241598.86	247881.51	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	525.50	516.52	512.94	518.32	1.25	ppb
Cobalt	59-2	500.27	490.28	499.81	496.79	1.14	ppb
Copper	63-2	4810.70	4768.30	4777.37	4785.46	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				100		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				82		%
Iron	54-2	126004.09	124569.70	126104.88	125559.56	0.68	ppb
Iron	56-2	126972.26	125467.97	123047.34	125162.52	1.58	ppb
Iron	57-2	127302.62	125942.59	123380.37	125541.86	1.59	ppb
Krypton	83-1						cps
Lead	206-1	2466.59	2508.86	2516.54	2497.33	1.08	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:20:59	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2491.14	2494.79	2499.78	2495.24	0.17	ppb
Lead	208-1	2491.96	2495.48	2517.12	2501.52	0.54	ppb
Lithium	6-1				91		%
Magnesium	24-2	264366.72	263245.04	259139.92	262250.56	1.05	ppb
Manganese	55-2	5065.22	5007.41	4980.18	5017.60	0.87	ppb
Molybdenum	94-1	4828.81	4915.63	4845.27	4863.24	0.95	ppb
Molybdenum	95-1	4814.39	4935.90	4910.42	4886.90	1.31	ppb
Molybdenum	96-1	4805.99	4946.54	4920.76	4891.10	1.53	ppb
Molybdenum	97-1	4783.17	4971.16	4896.44	4883.59	1.94	ppb
Molybdenum	98-1	4775.97	4926.20	4900.98	4867.72	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.01	457.54	456.59	460.05	1.13	ppb
Phosphorus	31-2	9982.48	9785.50	9837.27	9868.42	1.03	ppb
Potassium	39-2	125675.71	126257.43	127968.04	126633.73	0.94	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	469.64	482.82	478.82	477.09	1.42	ppb
Selenium	77-2	466.24	504.23	463.36	477.95	4.77	ppb
Selenium	78-2	445.22	465.69	467.57	459.49	2.70	ppb
Silicon	28-1	498.27	493.28	475.33	488.96	2.47	ppb
Silver	107-1	487.67	483.83	483.19	484.90	0.50	ppb
Silver	109-1	483.46	485.51	481.87	483.61	0.38	ppb
Sodium	23-2	262143.55	269296.50	261820.17	264420.07	1.60	ppb
Strontium	86-1	495.38	505.59	490.92	497.30	1.51	ppb
Strontium	88-1	489.23	496.35	497.35	494.31	0.90	ppb
Sulfur	34-1	10192.61	10019.77	9387.16	9866.51	4.30	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	494.67	504.06	502.32	500.35	1.00	ppb
Thallium	205-1	498.50	508.35	513.35	506.73	1.49	ppb
Tin	118-1	499.55	492.81	490.79	494.39	0.93	ppb
Titanium	47-1	4825.85	4882.62	4808.55	4839.01	0.80	ppb
Uranium	238-1	502.63	501.26	508.75	504.21	0.79	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:20:59	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	516.05	506.91	518.42	513.79	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	4928.91	4844.32	4851.64	4874.96	0.96	ppb
Zirconium	90-1	489.16	493.89	486.97	490.01	0.72	ppb
Zirconium	91-1	488.67	492.70	493.42	491.60	0.52	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:23:45	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.57	25.26	27.14	26.66	4.61	ppb
Antimony	121-1	0.12	0.11	0.09	0.11	15.08	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	61.36	ppb
Barium	135-1	0.04	0.03	0.02	0.03	26.76	ppb
Barium	137-1	0.04	0.02	0.03	0.03	32.27	ppb
Beryllium	9-1	0.06	0.06	0.04	0.05	20.77	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.02	0.05	0.04	44.30	ppb
Cadmium	106-1	-0.16	0.09	0.13	0.02	876.81	ppb
Cadmium	111-1	0.01	0.03	0.03	0.02	44.82	ppb
Calcium	43-1	1.63	0.10	-0.32	0.47	218.21	ppb
Calcium	44-1	4.60	2.60	2.71	3.30	34.09	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	154.81	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.08	0.07	0.05	0.07	23.70	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				107		%
Holmium	165-2				101		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	2.36	2.36	1.28	2.00	31.20	ppb
Iron	56-2	2.12	1.80	1.58	1.84	14.73	ppb
Iron	57-2	2.79	2.00	2.55	2.44	16.56	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.19	0.18	0.19	6.58	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:23:45	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.21	0.18	0.18	0.19	11.05	ppb
Lead	208-1	0.20	0.18	0.17	0.19	9.15	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.86	-0.14	-0.13	0.19	298.77	ppb
Manganese	55-2	0.16	0.06	0.05	0.09	66.85	ppb
Molybdenum	94-1	0.29	0.22	0.19	0.23	20.62	ppb
Molybdenum	95-1	0.16	0.11	0.09	0.12	29.32	ppb
Molybdenum	96-1	0.19	0.13	0.11	0.14	29.32	ppb
Molybdenum	97-1	0.16	0.12	0.09	0.12	29.54	ppb
Molybdenum	98-1	0.17	0.11	0.10	0.13	28.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.05	-0.02	-0.03		ppb
Phosphorus	31-2	-22.35	-23.45	-19.90	-21.90		ppb
Potassium	39-2	15.13	11.05	11.40	12.53	18.02	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	-0.02	0.19	-0.17	0.00		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.50	-0.43	-0.12	-0.02		ppb
Silicon	28-1	-0.22	-0.28	-0.15	-0.22		ppb
Silver	107-1	0.04	0.04	0.03	0.04	14.46	ppb
Silver	109-1	0.04	0.03	0.03	0.03	20.43	ppb
Sodium	23-2	29.69	27.64	26.09	27.81	6.51	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	1222.24	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	35.28	ppb
Sulfur	34-1	-205.46	-273.34	-141.97	-206.92		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.06	0.05	0.06	8.69	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	12.31	ppb
Tin	118-1	0.04	0.02	0.02	0.03	34.13	ppb
Titanium	47-1	0.05	0.02	-0.01	0.02	172.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	70.34	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:23:45	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	25.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	0.37	0.32	0.38	0.36	8.60	ppb
Zirconium	90-1	0.07	0.06	0.06	0.07	6.81	ppb
Zirconium	91-1	0.08	0.07	0.06	0.07	12.89	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:27:06	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14838.80	14586.18	14813.59	14746.19	0.94	ppb
Antimony	121-1	0.10	0.09	0.09	0.09	0.87	ppb
Arsenic	75-2	15.88	16.32	15.93	16.04	1.52	ppb
Barium	135-1	89.28	89.79	89.24	89.44	0.35	ppb
Barium	137-1	90.01	90.56	90.43	90.33	0.32	ppb
Beryllium	9-1	0.81	0.79	0.80	0.80	0.90	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	1.97	2.34	1.98	2.10	10.06	ppb
Cadmium	106-1	7.49	7.20	6.70	7.13	5.62	ppb
Cadmium	111-1	1.33	1.31	1.24	1.30	3.57	ppb
Calcium	43-1	38384.64	37587.05	37803.46	37925.05	1.09	ppb
Calcium	44-1	37798.75	37762.18	36937.35	37499.43	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.58	0.60	0.63	0.61	4.31	ppb
Cobalt	59-2	50.04	50.32	50.44	50.27	0.41	ppb
Copper	63-2	1475.85	1465.12	1459.81	1466.93	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	135076.68	133148.84	135134.77	134453.43	0.84	ppb
Iron	56-2	137109.24	132958.63	135844.87	135304.25	1.57	ppb
Iron	57-2	136508.83	136646.38	134306.04	135820.42	0.97	ppb
Krypton	83-1						cps
Lead	206-1	113.19	114.53	110.04	112.59	2.05	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:27:06	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	110.01	111.39	109.33	110.25	0.95	ppb
Lead	208-1	111.70	113.49	110.19	111.79	1.48	ppb
Lithium	6-1				101		%
Magnesium	24-2	7551.34	7470.79	7567.42	7529.85	0.69	ppb
Manganese	55-2	1417.81	1390.01	1388.34	1398.72	1.18	ppb
Molybdenum	94-1	10.95	11.05	10.98	10.99	0.48	ppb
Molybdenum	95-1	0.79	0.77	0.81	0.79	2.41	ppb
Molybdenum	96-1	2.23	2.25	2.26	2.25	0.60	ppb
Molybdenum	97-1	0.79	0.78	0.80	0.79	1.53	ppb
Molybdenum	98-1	0.78	0.78	0.78	0.78	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.32	3.35	3.37	3.35	0.74	ppb
Phosphorus	31-2	13083.96	13030.59	13186.55	13100.37	0.61	ppb
Potassium	39-2	6518.48	6452.85	6558.10	6509.81	0.82	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	82-1	2.47	2.48	2.63	2.53	3.44	ppb
Selenium	77-2	155.39	138.19	138.26	143.95	6.89	ppb
Selenium	78-2	24.05	23.98	26.18	24.74	5.06	ppb
Silicon	28-1	555.65	562.22	561.89	559.92	0.66	ppb
Silver	107-1	0.31	0.32	0.32	0.32	2.00	ppb
Silver	109-1	0.31	0.32	0.33	0.32	3.88	ppb
Sodium	23-2	530.34	524.93	533.85	529.71	0.85	ppb
Strontium	86-1	17.42	17.44	17.73	17.53	0.98	ppb
Strontium	88-1	18.66	18.90	18.99	18.85	0.89	ppb
Sulfur	34-1	554.01	613.26	469.51	545.59	13.24	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.33	0.36	0.35	0.35	3.91	ppb
Thallium	205-1	0.37	0.37	0.34	0.36	3.63	ppb
Tin	118-1	1.14	1.10	1.06	1.10	3.70	ppb
Titanium	47-1	977.35	969.96	963.40	970.24	0.72	ppb
Uranium	238-1	1.24	1.26	1.24	1.25	0.76	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:27:06	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	12.63	12.63	12.72	12.66	0.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				141		%
Yttrium	89-2				137		%
Zinc	66-2	372.55	370.22	377.37	373.38	0.98	ppb
Zirconium	90-1	5.75	5.67	5.73	5.72	0.76	ppb
Zirconium	91-1	5.72	5.63	5.63	5.66	0.84	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:30:15	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2891.46	2846.03	2878.17	2871.89	0.81	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	5.64	ppb
Arsenic	75-2	3.96	4.07	4.03	4.02	1.40	ppb
Barium	135-1	16.78	17.22	17.30	17.10	1.63	ppb
Barium	137-1	16.77	17.06	17.12	16.98	1.08	ppb
Beryllium	9-1	0.15	0.15	0.17	0.16	6.15	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.39	0.40	0.35	0.38	6.64	ppb
Cadmium	106-1	1.14	0.43	0.90	0.83	43.54	ppb
Cadmium	111-1	0.23	0.18	0.23	0.21	15.11	ppb
Calcium	43-1	7311.16	7333.59	7272.69	7305.81	0.42	ppb
Calcium	44-1	7459.88	7404.66	7263.10	7375.88	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.18	0.17	0.17	3.43	ppb
Cobalt	59-2	9.90	9.88	10.18	9.98	1.68	ppb
Copper	63-2	293.06	304.70	304.43	300.73	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	25977.33	26080.56	26160.56	26072.82	0.35	ppb
Iron	56-2	26367.63	26557.73	26673.97	26533.11	0.58	ppb
Iron	57-2	26913.10	26977.04	27350.62	27080.25	0.87	ppb
Krypton	83-1						cps
Lead	206-1	19.52	19.35	20.00	19.62	1.71	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:30:15	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	19.51	19.31	19.74	19.52	1.10	ppb
Lead	208-1	19.55	19.41	19.91	19.62	1.32	ppb
Lithium	6-1				100		%
Magnesium	24-2	1395.76	1412.74	1425.36	1411.29	1.05	ppb
Manganese	55-2	258.63	253.38	260.02	257.34	1.36	ppb
Molybdenum	94-1	2.55	2.62	2.55	2.58	1.65	ppb
Molybdenum	95-1	0.17	0.19	0.18	0.18	3.67	ppb
Molybdenum	96-1	0.55	0.55	0.53	0.54	2.54	ppb
Molybdenum	97-1	0.17	0.18	0.19	0.18	4.96	ppb
Molybdenum	98-1	0.18	0.18	0.18	0.18	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.13	1.10	1.10	2.83	ppb
Phosphorus	31-2	2734.01	2540.08	2687.38	2653.83	3.81	ppb
Potassium	39-2	1307.99	1295.84	1322.93	1308.92	1.04	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				104		%
Selenium	82-1	0.55	0.92	0.56	0.68	31.16	ppb
Selenium	77-2	38.15	31.54	28.62	32.77	14.90	ppb
Selenium	78-2	4.49	6.22	5.33	5.35	16.16	ppb
Silicon	28-1	108.40	108.27	106.69	107.79	0.88	ppb
Silver	107-1	0.07	0.07	0.07	0.07	2.75	ppb
Silver	109-1	0.06	0.07	0.07	0.07	8.36	ppb
Sodium	23-2	115.63	116.94	117.93	116.84	0.99	ppb
Strontium	86-1	4.05	4.24	4.12	4.14	2.25	ppb
Strontium	88-1	4.13	4.22	4.17	4.17	1.08	ppb
Sulfur	34-1	-67.11	-236.75	-307.15	-203.67		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.09	0.08	0.09	8.13	ppb
Thallium	205-1	0.09	0.08	0.09	0.09	3.94	ppb
Tin	118-1	0.15	0.18	0.17	0.16	8.18	ppb
Titanium	47-1	179.78	180.00	176.55	178.78	1.08	ppb
Uranium	238-1	0.24	0.23	0.23	0.23	2.53	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:30:15	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.43	2.40	2.55	2.46	3.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				109		%
Zinc	66-2	81.44	82.17	83.03	82.21	0.97	ppb
Zirconium	90-1	1.30	1.34	1.35	1.33	1.93	ppb
Zirconium	91-1	1.29	1.37	1.31	1.33	3.12	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:33:27	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6503.52	6715.96	6530.19	6583.22	1.76	ppb
Antimony	121-1	95.72	95.62	94.71	95.35	0.58	ppb
Arsenic	75-2	7.56	8.04	8.12	7.90	3.85	ppb
Barium	135-1	468.69	472.68	460.30	467.22	1.35	ppb
Barium	137-1	465.60	468.73	465.02	466.45	0.43	ppb
Beryllium	9-1	96.25	96.50	98.97	97.24	1.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	91.27	91.89	91.78	91.65	0.36	ppb
Cadmium	106-1	98.28	98.92	99.10	98.77	0.44	ppb
Cadmium	111-1	91.15	93.13	93.27	92.52	1.28	ppb
Calcium	43-1	29312.84	29310.13	28726.41	29116.46	1.16	ppb
Calcium	44-1	28416.95	29317.05	28459.54	28731.18	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87.89	90.72	88.64	89.09	1.65	ppb
Cobalt	59-2	111.92	114.99	111.45	112.78	1.70	ppb
Copper	63-2	1737.02	1751.92	1722.47	1737.14	0.85	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				109		%
Indium	115-2				103		%
Iron	54-2	50011.29	51362.16	50893.94	50755.80	1.35	ppb
Iron	56-2	51456.47	52465.21	51274.45	51732.04	1.24	ppb
Iron	57-2	50529.41	51594.36	50767.66	50963.81	1.10	ppb
Krypton	83-1						cps
Lead	206-1	515.11	509.56	537.39	520.68	2.83	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:33:27	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	516.61	520.30	535.16	524.02	1.87	ppb
Lead	208-1	516.96	519.54	532.52	523.01	1.59	ppb
Lithium	6-1				100		%
Magnesium	24-2	12433.68	12598.83	12385.07	12472.52	0.90	ppb
Manganese	55-2	1475.15	1511.68	1495.79	1494.21	1.23	ppb
Molybdenum	94-1	372.53	373.13	371.20	372.29	0.27	ppb
Molybdenum	95-1	280.11	283.30	275.27	279.56	1.45	ppb
Molybdenum	96-1	289.12	292.54	285.73	289.13	1.18	ppb
Molybdenum	97-1	278.36	284.72	279.51	280.86	1.21	ppb
Molybdenum	98-1	274.75	283.59	276.65	278.33	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.96	94.12	92.97	93.35	0.71	ppb
Phosphorus	31-2	7715.66	7833.52	7759.77	7769.65	0.77	ppb
Potassium	39-2	7462.04	7418.42	7240.65	7373.70	1.59	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	80.62	81.93	81.12	81.22	0.81	ppb
Selenium	77-2	154.63	162.50	176.37	164.50	6.69	ppb
Selenium	78-2	97.87	83.66	85.49	89.00	8.69	ppb
Silicon	28-1	245.08	245.30	242.53	244.31	0.63	ppb
Silver	107-1	15.57	15.90	15.93	15.80	1.27	ppb
Silver	109-1	15.55	16.05	15.88	15.82	1.62	ppb
Sodium	23-2	10054.60	10377.76	10025.12	10152.49	1.93	ppb
Strontium	86-1	98.61	99.60	98.51	98.91	0.61	ppb
Strontium	88-1	102.16	104.61	103.37	103.38	1.19	ppb
Sulfur	34-1	163.30	155.60	118.52	145.81	16.42	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	89.36	89.05	94.19	90.87	3.17	ppb
Thallium	205-1	89.18	90.99	93.34	91.17	2.29	ppb
Tin	118-1	85.66	86.47	87.34	86.49	0.97	ppb
Titanium	47-1	353.34	347.83	346.28	349.15	1.06	ppb
Uranium	238-1	87.02	87.89	87.30	87.40	0.51	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:33:27	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	97.21	99.00	96.80	97.67	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				128		%
Yttrium	89-2				123		%
Zinc	66-2	1117.38	1127.64	1101.02	1115.35	1.20	ppb
Zirconium	90-1	78.51	79.57	79.24	79.11	0.69	ppb
Zirconium	91-1	73.96	75.78	75.63	75.12	1.35	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:36:23	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8103.57	8104.83	8041.41	8083.27	0.45	ppb
Antimony	121-1	94.49	97.13	95.86	95.83	1.38	ppb
Arsenic	75-2	9.16	9.61	9.71	9.49	3.09	ppb
Barium	135-1	473.86	480.86	480.61	478.44	0.83	ppb
Barium	137-1	476.01	475.53	480.54	477.36	0.58	ppb
Beryllium	9-1	97.19	99.44	98.79	98.47	1.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	90.45	93.82	92.55	92.27	1.84	ppb
Cadmium	106-1	97.11	98.95	98.32	98.13	0.95	ppb
Cadmium	111-1	91.62	92.22	93.17	92.34	0.85	ppb
Calcium	43-1	29283.31	29702.30	29993.70	29659.77	1.20	ppb
Calcium	44-1	29537.87	29863.60	29623.75	29675.07	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.33	90.55	88.66	89.85	1.15	ppb
Cobalt	59-2	115.60	115.33	114.88	115.27	0.31	ppb
Copper	63-2	1819.49	1814.27	1798.46	1810.74	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	54-2	56175.01	56618.96	56528.65	56440.87	0.42	ppb
Iron	56-2	56569.68	55851.53	55686.44	56035.88	0.84	ppb
Iron	57-2	55693.37	55606.44	55276.02	55525.27	0.40	ppb
Krypton	83-1						cps
Lead	206-1	510.33	515.35	505.43	510.37	0.97	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:36:23	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	513.15	522.89	503.71	513.25	1.87	ppb
Lead	208-1	513.11	523.91	511.51	516.18	1.31	ppb
Lithium	6-1				99		%
Magnesium	24-2	12809.08	12803.69	13091.96	12901.58	1.28	ppb
Manganese	55-2	1490.83	1506.30	1502.77	1499.97	0.54	ppb
Molybdenum	94-1	370.95	372.71	389.48	377.71	2.71	ppb
Molybdenum	95-1	281.02	281.88	283.62	282.17	0.47	ppb
Molybdenum	96-1	291.59	290.08	295.38	292.35	0.93	ppb
Molybdenum	97-1	285.11	275.99	288.25	283.12	2.25	ppb
Molybdenum	98-1	282.60	277.61	287.02	282.41	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.48	94.73	95.51	95.24	0.47	ppb
Phosphorus	31-2	7723.39	7763.30	7640.49	7709.06	0.81	ppb
Potassium	39-2	8738.17	8733.58	8676.31	8716.02	0.40	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	80.77	81.67	84.65	82.36	2.47	ppb
Selenium	77-2	156.18	166.63	168.03	163.61	3.96	ppb
Selenium	78-2	97.33	98.50	91.00	95.61	4.22	ppb
Silicon	28-1	188.92	195.70	192.81	192.48	1.77	ppb
Silver	107-1	15.40	15.81	15.86	15.69	1.60	ppb
Silver	109-1	15.49	15.81	15.94	15.75	1.47	ppb
Sodium	23-2	10299.08	10149.81	10094.02	10180.97	1.04	ppb
Strontium	86-1	108.56	108.25	110.66	109.15	1.20	ppb
Strontium	88-1	114.02	113.60	115.70	114.44	0.97	ppb
Sulfur	34-1	190.53	316.92	337.19	281.54	28.23	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	90.08	90.62	88.14	89.61	1.46	ppb
Thallium	205-1	90.63	90.68	91.19	90.84	0.34	ppb
Tin	118-1	85.09	86.94	86.67	86.23	1.16	ppb
Titanium	47-1	460.62	477.12	472.23	469.99	1.80	ppb
Uranium	238-1	87.44	89.04	88.59	88.36	0.93	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:36:23	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	98.92	99.27	98.55	98.91	0.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				127		%
Yttrium	89-2				121		%
Zinc	66-2	1128.69	1136.45	1133.16	1132.77	0.34	ppb
Zirconium	90-1	81.59	80.92	81.58	81.36	0.47	ppb
Zirconium	91-1	75.84	76.42	78.26	76.84	1.64	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:39:17	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8251.88	8180.12	8125.98	8186.00	0.77	ppb
Antimony	121-1	97.29	95.62	97.46	96.79	1.05	ppb
Arsenic	75-2	9.79	9.59	9.41	9.59	1.99	ppb
Barium	135-1	499.40	488.51	482.50	490.13	1.75	ppb
Barium	137-1	494.21	476.91	487.51	486.21	1.79	ppb
Beryllium	9-1	98.67	99.38	100.38	99.48	0.86	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	93.92	92.44	94.41	93.59	1.10	ppb
Cadmium	106-1	100.14	97.86	100.41	99.47	1.41	ppb
Cadmium	111-1	92.69	91.59	93.21	92.49	0.89	ppb
Calcium	43-1	30136.74	31001.13	30631.99	30589.96	1.42	ppb
Calcium	44-1	29564.47	30782.19	30176.69	30174.45	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.84	91.11	91.63	91.19	0.44	ppb
Cobalt	59-2	117.14	117.79	116.46	117.13	0.57	ppb
Copper	63-2	1837.44	1833.87	1859.75	1843.68	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	54-2	57421.72	56954.11	56196.23	56857.35	1.09	ppb
Iron	56-2	58062.55	57059.87	56634.07	57252.16	1.28	ppb
Iron	57-2	56836.64	57224.10	56299.20	56786.65	0.82	ppb
Krypton	83-1						cps
Lead	206-1	526.68	516.52	515.04	519.41	1.22	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:39:17	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	532.72	524.32	526.13	527.72	0.84	ppb
Lead	208-1	528.03	524.04	524.30	525.46	0.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	13244.85	12990.62	13092.90	13109.46	0.98	ppb
Manganese	55-2	1543.28	1525.56	1507.08	1525.31	1.19	ppb
Molybdenum	94-1	377.87	381.95	375.19	378.34	0.90	ppb
Molybdenum	95-1	283.69	285.91	281.07	283.56	0.85	ppb
Molybdenum	96-1	294.99	298.52	296.00	296.50	0.61	ppb
Molybdenum	97-1	291.11	287.65	290.65	289.80	0.65	ppb
Molybdenum	98-1	282.92	288.69	285.42	285.68	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.34	97.42	96.85	97.21	0.32	ppb
Phosphorus	31-2	7653.63	7768.94	7496.01	7639.53	1.79	ppb
Potassium	39-2	8788.40	8729.48	8946.98	8821.62	1.28	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	82-1	81.28	82.84	81.75	81.96	0.97	ppb
Selenium	77-2	171.85	173.43	146.25	163.84	9.31	ppb
Selenium	78-2	97.78	89.74	96.75	94.75	4.62	ppb
Silicon	28-1	192.43	194.45	197.89	194.92	1.42	ppb
Silver	107-1	15.94	15.75	16.01	15.90	0.85	ppb
Silver	109-1	15.96	15.98	15.92	15.95	0.20	ppb
Sodium	23-2	10394.16	10336.25	10285.88	10338.77	0.52	ppb
Strontium	86-1	108.76	110.62	109.83	109.73	0.85	ppb
Strontium	88-1	115.18	116.65	115.61	115.81	0.66	ppb
Sulfur	34-1	181.78	342.91	372.19	298.96	34.30	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	93.53	92.50	91.78	92.61	0.95	ppb
Thallium	205-1	92.15	91.99	91.61	91.92	0.30	ppb
Tin	118-1	87.36	85.24	84.98	85.86	1.52	ppb
Titanium	47-1	468.16	486.64	488.31	481.04	2.33	ppb
Uranium	238-1	90.04	89.31	88.93	89.43	0.63	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:39:17	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	102.36	99.73	100.51	100.87	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				128		%
Yttrium	89-2				121		%
Zinc	66-2	1146.40	1150.83	1148.36	1148.53	0.19	ppb
Zirconium	90-1	81.43	82.71	81.51	81.88	0.87	ppb
Zirconium	91-1	76.78	77.55	77.30	77.21	0.51	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:42:14	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2729.22	2754.91	2759.52	2747.88	0.59	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	6.38	ppb
Arsenic	75-2	3.70	3.79	3.77	3.75	1.29	ppb
Barium	135-1	16.54	16.69	16.53	16.59	0.55	ppb
Barium	137-1	16.69	16.76	16.65	16.70	0.31	ppb
Beryllium	9-1	0.16	0.16	0.16	0.16	1.84	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.41	0.35	0.31	0.36	13.33	ppb
Cadmium	106-1	0.96	0.62	0.74	0.77	22.40	ppb
Cadmium	111-1	0.23	0.20	0.21	0.21	7.67	ppb
Calcium	43-1	7121.34	7061.15	7122.05	7101.51	0.49	ppb
Calcium	44-1	7283.60	7057.44	7156.73	7165.92	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.09	0.09	0.09	5.60	ppb
Cobalt	59-2	9.66	9.61	9.74	9.67	0.67	ppb
Copper	63-2	295.37	297.99	290.77	294.71	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	25422.87	25116.66	24994.18	25177.90	0.88	ppb
Iron	56-2	26106.25	25406.85	25619.95	25711.02	1.39	ppb
Iron	57-2	26597.38	25971.00	26272.02	26280.13	1.19	ppb
Krypton	83-1						cps
Lead	206-1	19.37	19.40	19.45	19.41	0.23	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:42:14	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	19.09	19.24	19.26	19.20	0.47	ppb
Lead	208-1	19.29	19.37	19.42	19.36	0.33	ppb
Lithium	6-1				100		%
Magnesium	24-2	1376.74	1359.21	1389.46	1375.14	1.10	ppb
Manganese	55-2	249.67	246.76	248.84	248.42	0.60	ppb
Molybdenum	94-1	2.55	2.62	2.57	2.58	1.34	ppb
Molybdenum	95-1	0.20	0.19	0.18	0.19	5.87	ppb
Molybdenum	96-1	0.54	0.53	0.51	0.53	2.56	ppb
Molybdenum	97-1	0.21	0.18	0.19	0.20	8.73	ppb
Molybdenum	98-1	0.19	0.18	0.18	0.19	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.59	0.59	0.61	6.43	ppb
Phosphorus	31-2	2451.92	2519.67	2512.95	2494.85	1.50	ppb
Potassium	39-2	1245.47	1244.24	1263.15	1250.95	0.85	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	82-1	0.84	0.46	0.66	0.66	29.23	ppb
Selenium	77-2	24.07	36.21	41.89	34.06	26.73	ppb
Selenium	78-2	7.11	5.44	5.04	5.86	18.71	ppb
Silicon	28-1	103.64	99.97	104.04	102.55	2.19	ppb
Silver	107-1	0.08	0.07	0.07	0.07	2.55	ppb
Silver	109-1	0.08	0.08	0.07	0.08	4.05	ppb
Sodium	23-2	109.93	107.19	108.24	108.45	1.27	ppb
Strontium	86-1	3.98	4.11	4.12	4.07	1.89	ppb
Strontium	88-1	4.04	4.15	4.06	4.08	1.43	ppb
Sulfur	34-1	-142.54	-191.84	-188.74	-174.37		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.12	0.12	0.13	9.43	ppb
Thallium	205-1	0.14	0.12	0.12	0.13	7.51	ppb
Tin	118-1	0.15	0.16	0.16	0.16	3.33	ppb
Titanium	47-1	175.74	176.97	175.77	176.16	0.40	ppb
Uranium	238-1	0.23	0.23	0.22	0.23	0.88	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:42:14	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.43	2.27	2.35	2.35	3.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	71.68	71.56	70.96	71.40	0.54	ppb
Zirconium	90-1	1.34	1.37	1.37	1.36	1.31	ppb
Zirconium	91-1	1.32	1.37	1.34	1.35	1.80	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:45:26	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2977.11	2986.86	2962.54	2975.50	0.41	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	6.52	ppb
Arsenic	75-2	3.97	3.85	4.04	3.95	2.45	ppb
Barium	135-1	17.22	17.53	17.97	17.57	2.13	ppb
Barium	137-1	17.46	17.74	18.24	17.81	2.23	ppb
Beryllium	9-1	0.15	0.16	0.15	0.15	5.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.44	0.40	0.40	0.41	6.46	ppb
Cadmium	106-1	0.49	0.86	1.47	0.94	52.47	ppb
Cadmium	111-1	0.17	0.20	0.26	0.21	23.51	ppb
Calcium	43-1	7373.26	7477.82	7261.97	7371.02	1.46	ppb
Calcium	44-1	7517.07	7672.02	7394.65	7527.91	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.11	0.09	0.10	10.83	ppb
Cobalt	59-2	10.12	10.13	10.21	10.15	0.48	ppb
Copper	63-2	305.67	301.77	297.26	301.57	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	54-2	27004.16	27547.11	27133.37	27228.22	1.04	ppb
Iron	56-2	26873.08	27501.73	28049.32	27474.71	2.14	ppb
Iron	57-2	27502.12	27642.82	28383.34	27842.76	1.70	ppb
Krypton	83-1						cps
Lead	206-1	19.85	20.23	20.70	20.26	2.10	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:45:26	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	19.79	20.08	20.38	20.08	1.46	ppb
Lead	208-1	19.87	20.27	20.47	20.20	1.52	ppb
Lithium	6-1				99		%
Magnesium	24-2	1468.12	1450.44	1441.94	1453.50	0.92	ppb
Manganese	55-2	264.31	267.29	266.51	266.04	0.58	ppb
Molybdenum	94-1	2.64	2.65	2.64	2.64	0.14	ppb
Molybdenum	95-1	0.19	0.18	0.19	0.19	3.20	ppb
Molybdenum	96-1	0.54	0.52	0.55	0.54	3.46	ppb
Molybdenum	97-1	0.16	0.18	0.18	0.17	5.76	ppb
Molybdenum	98-1	0.18	0.19	0.18	0.18	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.69	0.69	0.69	1.24	ppb
Phosphorus	31-2	2485.57	2635.30	2625.28	2582.05	3.24	ppb
Potassium	39-2	1288.77	1313.54	1305.38	1302.57	0.97	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				105		%
Selenium	82-1	0.54	0.66	0.51	0.57	14.29	ppb
Selenium	77-2	37.69	29.38	34.47	33.84	12.38	ppb
Selenium	78-2	4.43	7.36	5.68	5.82	25.20	ppb
Silicon	28-1	110.33	110.73	108.08	109.71	1.30	ppb
Silver	107-1	0.07	0.07	0.07	0.07	5.55	ppb
Silver	109-1	0.06	0.06	0.07	0.06	3.97	ppb
Sodium	23-2	112.23	114.30	112.28	112.94	1.04	ppb
Strontium	86-1	4.17	4.20	4.25	4.20	1.00	ppb
Strontium	88-1	4.17	4.17	4.27	4.21	1.40	ppb
Sulfur	34-1	-205.15	-221.60	-349.76	-258.84		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.10	0.10	0.10	2.30	ppb
Thallium	205-1	0.10	0.09	0.10	0.10	2.59	ppb
Tin	118-1	0.19	0.17	0.17	0.17	5.74	ppb
Titanium	47-1	188.01	189.66	186.37	188.01	0.87	ppb
Uranium	238-1	0.23	0.24	0.24	0.24	1.41	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:45:26	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.57	2.55	2.43	2.52	2.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				113		%
Zinc	66-2	75.40	76.50	75.56	75.82	0.78	ppb
Zirconium	90-1	1.35	1.40	1.40	1.38	1.95	ppb
Zirconium	91-1	1.31	1.38	1.38	1.36	3.09	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LDL2X125	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066LDL2	Dilution Factor :	125
Date & Time Acquired :	2025-05-13 17:48:42	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	551.40	546.38	545.51	547.76	0.58	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	8.10	ppb
Arsenic	75-2	0.81	0.78	0.73	0.77	5.45	ppb
Barium	135-1	3.17	3.27	3.34	3.26	2.67	ppb
Barium	137-1	3.27	3.33	3.39	3.33	1.67	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	11.15	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.13	0.02	0.08	70.81	ppb
Cadmium	106-1	-0.71	-0.53	-0.67	-0.64		ppb
Cadmium	111-1	-0.02	-0.03	-0.02	-0.02		ppb
Calcium	43-1	1379.74	1388.49	1410.20	1392.81	1.13	ppb
Calcium	44-1	1457.18	1435.40	1438.26	1443.61	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	0.01	0.02	41.79	ppb
Cobalt	59-2	1.87	1.96	1.88	1.91	2.63	ppb
Copper	63-2	55.79	55.65	54.03	55.16	1.77	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				102		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	54-2	5009.84	4980.27	4884.58	4958.23	1.32	ppb
Iron	56-2	5266.43	5164.51	5172.06	5201.00	1.09	ppb
Iron	57-2	4969.47	4942.60	4880.11	4930.73	0.93	ppb
Krypton	83-1						cps
Lead	206-1	3.75	3.85	3.85	3.82	1.53	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LDL2X125	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066LDL2	Dilution Factor :	125
Date & Time Acquired :	2025-05-13 17:48:42	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	3.72	3.78	3.79	3.77	1.01	ppb
Lead	208-1	3.77	3.79	3.79	3.78	0.37	ppb
Lithium	6-1				99		%
Magnesium	24-2	279.17	276.17	262.00	272.45	3.37	ppb
Manganese	55-2	51.04	49.88	49.14	50.02	1.91	ppb
Molybdenum	94-1	0.52	0.55	0.57	0.55	4.13	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	16.26	ppb
Molybdenum	96-1	0.11	0.10	0.10	0.10	5.59	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	2.40	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.13	0.09	0.10	26.08	ppb
Phosphorus	31-2	491.92	484.19	474.93	483.68	1.76	ppb
Potassium	39-2	262.38	257.73	252.94	257.68	1.83	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				105		%
Selenium	82-1	0.24	0.12	0.14	0.17	40.16	ppb
Selenium	77-2	9.53	7.82	6.20	7.85	21.17	ppb
Selenium	78-2	0.94	0.92	1.05	0.97	7.42	ppb
Silicon	28-1	19.62	19.82	20.19	19.88	1.44	ppb
Silver	107-1	0.02	0.01	0.02	0.02	11.00	ppb
Silver	109-1	0.02	0.01	0.02	0.02	14.61	ppb
Sodium	23-2	29.79	30.74	26.96	29.17	6.74	ppb
Strontium	86-1	0.84	0.81	0.86	0.84	2.73	ppb
Strontium	88-1	0.85	0.83	0.84	0.84	1.01	ppb
Sulfur	34-1	-563.34	-533.77	-442.59	-513.23		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.03	0.03	0.03	7.43	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.28	ppb
Tin	118-1	-0.01	-0.02	-0.02	-0.02		ppb
Titanium	47-1	34.40	34.19	34.67	34.42	0.69	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	4.75	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LDL2X125	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066LDL2	Dilution Factor :	125
Date & Time Acquired :	2025-05-13 17:48:42	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.48	0.46	0.46	0.47	2.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	16.09	15.98	15.58	15.89	1.69	ppb
Zirconium	90-1	0.28	0.28	0.28	0.28	0.38	ppb
Zirconium	91-1	0.27	0.29	0.29	0.28	3.80	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:51:58	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50707.25	49946.46	50855.36	50503.02	0.97	ppb
Antimony	121-1	504.05	496.74	507.48	502.76	1.09	ppb
Arsenic	75-2	473.48	489.82	491.54	484.95	2.05	ppb
Barium	135-1	2514.04	2532.10	2518.90	2521.68	0.37	ppb
Barium	137-1	2531.39	2514.68	2518.68	2521.58	0.35	ppb
Beryllium	9-1	521.47	515.83	507.59	514.96	1.36	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	499.13	500.94	498.83	499.63	0.23	ppb
Cadmium	106-1	497.99	499.69	491.96	496.54	0.82	ppb
Cadmium	111-1	507.16	505.02	505.20	505.79	0.23	ppb
Calcium	43-1	254149.08	245479.17	252688.46	250772.24	1.85	ppb
Calcium	44-1	256202.87	246374.26	251490.73	251355.95	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	520.81	522.34	523.50	522.22	0.26	ppb
Cobalt	59-2	493.19	499.26	496.36	496.27	0.61	ppb
Copper	63-2	4916.83	4898.89	4922.22	4912.65	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				83		%
Iron	54-2	125537.81	126186.26	128008.97	126577.68	1.01	ppb
Iron	56-2	127815.20	124959.55	127287.74	126687.49	1.20	ppb
Iron	57-2	123899.82	122987.67	125381.51	124089.67	0.97	ppb
Krypton	83-1						cps
Lead	206-1	2477.27	2534.89	2495.59	2502.58	1.18	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:51:58	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2486.53	2561.44	2484.57	2510.85	1.75	ppb
Lead	208-1	2496.90	2547.66	2492.29	2512.28	1.22	ppb
Lithium	6-1				88		%
Magnesium	24-2	263566.32	254949.13	262503.99	260339.81	1.80	ppb
Manganese	55-2	5037.81	5062.97	5043.13	5047.97	0.26	ppb
Molybdenum	94-1	4831.68	4878.04	4877.77	4862.50	0.55	ppb
Molybdenum	95-1	4794.71	4873.58	4834.68	4834.32	0.82	ppb
Molybdenum	96-1	4789.73	4899.43	4787.77	4825.64	1.32	ppb
Molybdenum	97-1	4795.31	4861.37	4809.56	4822.08	0.72	ppb
Molybdenum	98-1	4832.73	4845.29	4877.07	4851.70	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.96	462.26	461.91	461.71	0.15	ppb
Phosphorus	31-2	9754.44	9908.42	9773.41	9812.09	0.86	ppb
Potassium	39-2	126336.89	128894.20	125129.80	126786.97	1.52	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	462.65	477.48	472.31	470.81	1.60	ppb
Selenium	77-2	452.84	474.87	491.95	473.22	4.14	ppb
Selenium	78-2	465.70	458.21	465.66	463.19	0.93	ppb
Silicon	28-1	497.83	499.62	496.83	498.09	0.28	ppb
Silver	107-1	486.54	497.29	490.66	491.50	1.10	ppb
Silver	109-1	492.43	492.30	493.92	492.88	0.18	ppb
Sodium	23-2	263874.73	260960.03	268087.79	264307.52	1.36	ppb
Strontium	86-1	485.29	493.59	493.55	490.81	0.97	ppb
Strontium	88-1	485.68	494.45	492.37	490.84	0.93	ppb
Sulfur	34-1	10360.14	10051.22	9972.64	10128.00	2.02	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	498.34	512.92	498.34	503.20	1.67	ppb
Thallium	205-1	502.70	518.89	502.49	508.03	1.85	ppb
Tin	118-1	502.55	497.85	503.80	501.40	0.63	ppb
Titanium	47-1	4982.13	4976.62	4934.72	4964.49	0.52	ppb
Uranium	238-1	499.86	512.00	513.85	508.57	1.49	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:51:58	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	516.66	523.48	530.68	523.61	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	4958.24	4872.41	4957.32	4929.32	1.00	ppb
Zirconium	90-1	487.90	492.18	490.35	490.15	0.44	ppb
Zirconium	91-1	482.29	491.05	489.68	487.67	0.97	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:54:45	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.91	26.13	27.54	26.86	2.63	ppb
Antimony	121-1	0.13	0.12	0.10	0.11	12.67	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	59.03	ppb
Barium	135-1	0.05	0.03	0.03	0.04	21.03	ppb
Barium	137-1	0.05	0.04	0.03	0.04	27.78	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	27.48	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.05	0.03	0.04	31.33	ppb
Cadmium	106-1	-0.23	-0.89	-0.87	-0.67		ppb
Cadmium	111-1	0.00	-0.05	-0.06	-0.04		ppb
Calcium	43-1	2.72	-0.09	-0.16	0.82	199.54	ppb
Calcium	44-1	4.71	2.92	2.68	3.43	32.29	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	0.05	0.07	0.06	0.06	19.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	1.78	1.97	2.11	1.96	8.51	ppb
Iron	56-2	1.77	1.40	1.47	1.55	12.81	ppb
Iron	57-2	1.68	1.38	2.67	1.91	35.18	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.16	0.14	0.16	11.50	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:54:45	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.16	0.16	0.14	0.16	8.38	ppb
Lead	208-1	0.17	0.16	0.14	0.16	9.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.57	1.36	1.25	1.39	11.63	ppb
Manganese	55-2	0.25	0.20	0.15	0.20	25.18	ppb
Molybdenum	94-1	0.27	0.22	0.22	0.24	13.81	ppb
Molybdenum	95-1	0.17	0.13	0.11	0.14	22.85	ppb
Molybdenum	96-1	0.17	0.15	0.13	0.15	12.99	ppb
Molybdenum	97-1	0.16	0.14	0.10	0.13	20.36	ppb
Molybdenum	98-1	0.16	0.13	0.10	0.13	23.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.01	-0.02		ppb
Phosphorus	31-2	-19.09	-15.26	-20.56	-18.30		ppb
Potassium	39-2	12.88	10.64	13.61	12.37	12.51	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	0.09	-0.12	-0.03	-0.02		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	0.82	-0.43	-0.02		ppb
Silicon	28-1	-0.36	-0.50	-0.50	-0.45		ppb
Silver	107-1	0.05	0.03	0.03	0.04	28.19	ppb
Silver	109-1	0.04	0.03	0.03	0.03	22.72	ppb
Sodium	23-2	28.24	28.45	28.05	28.25	0.70	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	163.70	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	13.49	ppb
Sulfur	34-1	-213.08	-323.89	-232.89	-256.62		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.03	0.04	13.96	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.84	ppb
Tin	118-1	0.04	0.02	0.03	0.03	32.00	ppb
Titanium	47-1	0.04	0.02	0.00	0.02	109.35	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	63.61	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:54:45	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	25.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	0.27	0.32	0.36	0.32	14.58	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	8.77	ppb
Zirconium	91-1	0.08	0.07	0.05	0.07	18.50	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:58:05	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1322.52	1312.33	1299.13	1311.33	0.89	ppb
Antimony	121-1	17.61	17.92	17.67	17.73	0.92	ppb
Arsenic	75-2	1.62	1.89	1.98	1.83	10.09	ppb
Barium	135-1	86.26	87.73	86.91	86.97	0.85	ppb
Barium	137-1	86.45	88.91	86.81	87.39	1.52	ppb
Beryllium	9-1	18.82	18.63	18.88	18.78	0.70	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	17.85	17.36	18.14	17.78	2.22	ppb
Cadmium	106-1	19.19	19.28	18.71	19.06	1.60	ppb
Cadmium	111-1	18.36	18.68	18.35	18.46	1.02	ppb
Calcium	43-1	5528.06	5548.02	5505.96	5527.35	0.38	ppb
Calcium	44-1	5632.98	5722.87	5529.19	5628.35	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.97	17.59	17.55	17.70	1.31	ppb
Cobalt	59-2	22.53	22.41	22.60	22.51	0.43	ppb
Copper	63-2	352.68	349.21	356.31	352.73	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	54-2	10560.25	10204.75	10277.59	10347.53	1.81	ppb
Iron	56-2	10188.16	10160.21	10227.53	10191.97	0.33	ppb
Iron	57-2	9651.45	9756.84	9753.96	9720.75	0.62	ppb
Krypton	83-1						cps
Lead	206-1	99.52	106.19	102.39	102.70	3.26	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:58:05	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	100.81	100.18	102.25	101.08	1.05	ppb
Lead	208-1	100.88	105.74	102.03	102.88	2.47	ppb
Lithium	6-1				101		%
Magnesium	24-2	2487.77	2493.25	2448.40	2476.47	0.99	ppb
Manganese	55-2	280.28	278.73	282.18	280.40	0.62	ppb
Molybdenum	94-1	77.51	79.73	78.85	78.70	1.42	ppb
Molybdenum	95-1	57.93	58.81	59.03	58.59	1.00	ppb
Molybdenum	96-1	60.06	61.35	60.60	60.67	1.06	ppb
Molybdenum	97-1	58.67	59.48	59.01	59.05	0.68	ppb
Molybdenum	98-1	58.06	58.75	61.79	59.53	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.66	18.80	18.91	18.79	0.67	ppb
Phosphorus	31-2	1465.53	1466.46	1465.16	1465.72	0.05	ppb
Potassium	39-2	1400.59	1421.36	1418.98	1413.64	0.80	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	82-1	17.19	18.15	17.16	17.50	3.22	ppb
Selenium	77-2	41.75	45.81	39.93	42.50	7.07	ppb
Selenium	78-2	18.54	25.68	20.92	21.71	16.74	ppb
Silicon	28-1	46.78	46.39	47.66	46.94	1.38	ppb
Silver	107-1	3.08	3.15	3.13	3.12	1.20	ppb
Silver	109-1	3.12	3.17	3.06	3.12	1.81	ppb
Sodium	23-2	2088.32	2025.32	2021.78	2045.14	1.83	ppb
Strontium	86-1	21.72	22.12	22.11	21.98	1.03	ppb
Strontium	88-1	23.47	23.68	23.39	23.51	0.64	ppb
Sulfur	34-1	-138.11	-186.86	-240.00	-188.32		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	16.23	17.03	16.44	16.56	2.52	ppb
Thallium	205-1	16.53	17.38	16.56	16.82	2.87	ppb
Tin	118-1	15.87	16.03	16.04	15.98	0.59	ppb
Titanium	47-1	66.32	66.15	65.77	66.08	0.43	ppb
Uranium	238-1	15.87	16.54	16.19	16.20	2.07	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:58:05	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.23	19.50	19.33	19.35	0.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	224.45	221.02	224.77	223.41	0.93	ppb
Zirconium	90-1	16.34	16.81	16.98	16.71	1.97	ppb
Zirconium	91-1	16.42	16.97	16.67	16.69	1.67	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 18:01:19	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1611.26	1616.91	1601.28	1609.82	0.49	ppb
Antimony	121-1	19.96	19.63	19.47	19.69	1.27	ppb
Arsenic	75-2	1.91	1.94	2.11	1.99	5.53	ppb
Barium	135-1	90.65	89.38	89.45	89.83	0.79	ppb
Barium	137-1	91.25	89.85	90.38	90.49	0.78	ppb
Beryllium	9-1	19.46	19.32	19.30	19.36	0.46	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	18.89	18.01	18.35	18.42	2.43	ppb
Cadmium	106-1	19.54	19.63	18.79	19.32	2.41	ppb
Cadmium	111-1	18.51	18.40	18.22	18.38	0.77	ppb
Calcium	43-1	5705.51	5876.24	5742.07	5774.61	1.56	ppb
Calcium	44-1	5943.13	5875.78	5951.56	5923.49	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.86	17.75	17.60	17.74	0.74	ppb
Cobalt	59-2	23.27	23.11	22.91	23.09	0.78	ppb
Copper	63-2	369.01	371.69	370.51	370.40	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	54-2	11233.70	11328.58	11158.30	11240.19	0.76	ppb
Iron	56-2	11089.88	11094.70	11158.55	11114.38	0.34	ppb
Iron	57-2	10732.90	10638.26	10674.65	10681.93	0.45	ppb
Krypton	83-1						cps
Lead	206-1	102.30	101.68	101.10	101.69	0.59	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 18:01:19	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	97.57	100.43	100.25	99.42	1.61	ppb
Lead	208-1	102.11	101.73	101.61	101.82	0.26	ppb
Lithium	6-1				99		%
Magnesium	24-2	2574.35	2558.67	2557.29	2563.44	0.37	ppb
Manganese	55-2	283.08	284.48	283.59	283.72	0.25	ppb
Molybdenum	94-1	79.06	79.06	78.14	78.75	0.67	ppb
Molybdenum	95-1	58.90	58.17	57.99	58.35	0.83	ppb
Molybdenum	96-1	60.65	60.84	60.15	60.55	0.59	ppb
Molybdenum	97-1	60.14	59.22	58.33	59.23	1.53	ppb
Molybdenum	98-1	59.08	61.77	61.12	60.66	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.24	19.06	19.02	19.11	0.59	ppb
Phosphorus	31-2	1546.68	1474.48	1443.53	1488.23	3.56	ppb
Potassium	39-2	1691.30	1694.19	1694.66	1693.38	0.11	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	82-1	18.50	18.35	17.68	18.18	2.40	ppb
Selenium	77-2	42.50	33.98	30.90	35.79	16.78	ppb
Selenium	78-2	21.35	18.97	19.57	19.96	6.22	ppb
Silicon	28-1	37.08	37.22	37.69	37.33	0.85	ppb
Silver	107-1	3.15	3.11	3.11	3.12	0.73	ppb
Silver	109-1	3.14	3.12	3.15	3.14	0.55	ppb
Sodium	23-2	2073.88	2096.35	2024.50	2064.91	1.78	ppb
Strontium	86-1	24.23	23.95	23.82	24.00	0.87	ppb
Strontium	88-1	25.68	25.33	25.09	25.37	1.17	ppb
Sulfur	34-1	-164.06	-89.27	-226.58	-159.97		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	16.73	16.51	16.57	16.60	0.69	ppb
Thallium	205-1	17.14	16.86	16.79	16.93	1.09	ppb
Tin	118-1	16.14	16.00	16.21	16.12	0.67	ppb
Titanium	47-1	90.44	92.57	91.09	91.37	1.20	ppb
Uranium	238-1	16.24	16.25	16.15	16.21	0.33	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 18:01:19	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.79	19.41	19.88	19.69	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				107		%
Zinc	66-2	227.23	225.61	224.59	225.81	0.59	ppb
Zirconium	90-1	16.77	16.92	16.73	16.80	0.59	ppb
Zirconium	91-1	16.70	16.87	16.68	16.75	0.62	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066ADL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 18:04:29	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1555.05	1538.44	1586.52	1560.00	1.57	ppb
Antimony	121-1	21.27	21.44	21.24	21.32	0.52	ppb
Arsenic	75-2	2.01	1.87	2.00	1.96	4.12	ppb
Barium	135-1	88.49	89.75	88.68	88.97	0.76	ppb
Barium	137-1	88.92	90.19	89.52	89.54	0.71	ppb
Beryllium	9-1	18.75	19.53	18.73	19.00	2.40	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	17.90	18.45	18.12	18.16	1.51	ppb
Cadmium	106-1	18.34	19.28	19.66	19.10	3.56	ppb
Cadmium	111-1	17.85	18.33	18.26	18.15	1.42	ppb
Calcium	43-1	5694.95	5684.16	5737.38	5705.50	0.49	ppb
Calcium	44-1	5807.37	5853.36	5830.81	5830.52	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.65	17.37	17.61	17.54	0.88	ppb
Cobalt	59-2	22.44	22.93	22.49	22.62	1.19	ppb
Copper	63-2	357.76	356.26	370.81	361.61	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	54-2	11038.79	11104.82	11031.08	11058.23	0.37	ppb
Iron	56-2	10790.21	11049.31	11100.69	10980.07	1.52	ppb
Iron	57-2	10353.28	10565.14	10654.96	10524.46	1.47	ppb
Krypton	83-1						cps
Lead	206-1	98.18	98.89	101.18	99.42	1.58	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066ADL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 18:04:29	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	93.37	96.75	95.81	95.31	1.83	ppb
Lead	208-1	98.51	99.92	99.68	99.37	0.76	ppb
Lithium	6-1				100		%
Magnesium	24-2	2474.79	2498.24	2530.14	2501.06	1.11	ppb
Manganese	55-2	274.91	278.31	280.23	277.82	0.97	ppb
Molybdenum	94-1	79.45	78.80	78.80	79.02	0.47	ppb
Molybdenum	95-1	59.25	57.59	59.08	58.64	1.56	ppb
Molybdenum	96-1	60.90	59.97	61.75	60.87	1.46	ppb
Molybdenum	97-1	59.73	59.08	58.96	59.25	0.70	ppb
Molybdenum	98-1	58.37	58.15	58.54	58.35	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.21	18.84	19.00	18.68	2.24	ppb
Phosphorus	31-2	1415.59	1483.30	1419.52	1439.47	2.64	ppb
Potassium	39-2	1655.77	1694.98	1694.99	1681.92	1.35	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	17.73	18.64	17.42	17.93	3.53	ppb
Selenium	77-2	33.74	37.54	45.01	38.76	14.79	ppb
Selenium	78-2	23.50	19.84	20.82	21.39	8.86	ppb
Silicon	28-1	36.86	36.56	36.60	36.67	0.45	ppb
Silver	107-1	3.04	3.12	3.10	3.09	1.31	ppb
Silver	109-1	3.05	3.14	3.16	3.12	1.84	ppb
Sodium	23-2	1946.41	2069.91	2043.34	2019.89	3.22	ppb
Strontium	86-1	24.27	23.74	24.19	24.07	1.19	ppb
Strontium	88-1	25.20	25.25	25.63	25.36	0.93	ppb
Sulfur	34-1	-189.20	-295.66	-235.05	-239.97		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	16.26	16.58	16.53	16.46	1.04	ppb
Thallium	205-1	16.42	16.94	16.65	16.67	1.58	ppb
Tin	118-1	15.81	16.10	15.98	15.96	0.90	ppb
Titanium	47-1	88.87	89.28	90.68	89.61	1.06	ppb
Uranium	238-1	15.65	16.17	16.14	15.98	1.84	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066ADL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 18:04:29	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	18.81	19.15	19.58	19.18	2.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	220.98	220.24	223.42	221.54	0.75	ppb
Zirconium	90-1	16.72	16.83	16.96	16.84	0.73	ppb
Zirconium	91-1	16.74	16.48	16.92	16.71	1.32	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	PB167865BL	Instrumnet Name :	P8
Client Sample ID :	PB167865BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:07:43	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	-0.04	0.04	0.00		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	4.59	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	301.20	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.03	-0.01	0.01	211.91	ppb
Cadmium	106-1	-0.27	-1.19	-0.80	-0.75		ppb
Cadmium	111-1	-0.02	-0.09	-0.06	-0.06		ppb
Calcium	43-1	-3.10	-4.16	-3.75	-3.67		ppb
Calcium	44-1	-1.02	-1.18	-1.46	-1.22		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.00	-0.01		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.03	-0.02	-0.01	-0.02		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				104		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	54-2	0.83	0.37	0.10	0.43	85.17	ppb
Iron	56-2	0.01	-0.06	0.20	0.05	269.83	ppb
Iron	57-2	-0.29	0.79	0.73	0.41	148.22	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.05	0.05	6.37	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	PB167865BL	Instrumnet Name :	P8
Client Sample ID :	PB167865BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:07:43	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.06	0.05	0.05	0.05	8.66	ppb
Lead	208-1	0.05	0.05	0.05	0.05	4.93	ppb
Lithium	6-1				101		%
Magnesium	24-2	-2.11	-1.65	-1.85	-1.87		ppb
Manganese	55-2	-0.02	-0.04	0.03	-0.01		ppb
Molybdenum	94-1	0.05	0.05	0.05	0.05	6.99	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	108.20	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.01	31.87	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	2993.97	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	114.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.02		ppb
Phosphorus	31-2	-25.48	-29.84	-22.01	-25.78		ppb
Potassium	39-2	3.79	5.84	3.86	4.50	25.95	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	82-1	-0.06	-0.12	0.09	-0.03		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	-0.14	0.33	0.07	326.81	ppb
Silicon	28-1	-0.66	-0.43	-0.69	-0.59		ppb
Silver	107-1	0.02	0.01	0.01	0.01	12.65	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.50	ppb
Sodium	23-2	12.20	12.64	10.38	11.74	10.21	ppb
Strontium	86-1	0.00	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-300.53	-278.04	-377.36	-318.64		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.02	0.02	0.02	5.22	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	1.88	ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	-0.08	-0.09	-0.09	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	PB167865BL	Instrumnet Name :	P8
Client Sample ID :	PB167865BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:07:43	DataFile Name :	051CCBE.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				104		%
Zinc	66-2	-0.05	-0.05	-0.07	-0.06		ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	9.07	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	21.32	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	PB167865BS	Instrumnet Name :	P8
Client Sample ID :	PB167865BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:11:04	DataFile Name :	052LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9822.11	9828.26	9867.18	9839.18	0.25	ppb
Antimony	121-1	487.77	496.49	516.04	500.10	2.90	ppb
Arsenic	75-2	483.53	487.45	478.21	483.06	0.96	ppb
Barium	135-1	2394.02	2454.07	2578.21	2475.43	3.79	ppb
Barium	137-1	2431.29	2438.34	2558.81	2476.15	2.89	ppb
Beryllium	9-1	476.49	504.87	490.00	490.45	2.89	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	496.09	502.67	510.84	503.20	1.47	ppb
Cadmium	106-1	491.18	500.78	506.47	499.48	1.55	ppb
Cadmium	111-1	503.61	511.42	526.79	513.94	2.30	ppb
Calcium	43-1	48555.91	49675.59	48752.13	48994.54	1.22	ppb
Calcium	44-1	47911.97	49735.78	49222.39	48956.71	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.98	524.62	519.07	516.22	1.96	ppb
Cobalt	59-2	503.02	517.67	508.58	509.75	1.45	ppb
Copper	63-2	5095.96	5030.05	5072.49	5066.17	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	25681.96	26036.25	26474.53	26064.25	1.52	ppb
Iron	56-2	25030.85	25599.40	25532.58	25387.61	1.22	ppb
Iron	57-2	25904.94	25814.45	26052.30	25923.90	0.46	ppb
Krypton	83-1						cps
Lead	206-1	2395.41	2374.72	2385.08	2385.07	0.43	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	PB167865BS	Instrumnet Name :	P8
Client Sample ID :	PB167865BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:11:04	DataFile Name :	052LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2360.38	2388.42	2419.24	2389.34	1.23	ppb
Lead	208-1	2371.99	2401.98	2405.06	2393.01	0.76	ppb
Lithium	6-1				98		%
Magnesium	24-2	52805.74	51196.74	53781.03	52594.51	2.48	ppb
Manganese	55-2	4941.94	5078.56	5016.65	5012.38	1.36	ppb
Molybdenum	94-1	4656.08	4838.63	4890.29	4795.00	2.57	ppb
Molybdenum	95-1	4613.32	4796.42	4900.94	4770.23	3.05	ppb
Molybdenum	96-1	4661.60	4796.69	4846.64	4768.31	2.01	ppb
Molybdenum	97-1	4701.98	4648.52	4830.71	4727.07	1.98	ppb
Molybdenum	98-1	4679.66	4740.76	4863.21	4761.21	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.79	476.75	482.66	477.40	1.04	ppb
Phosphorus	31-2	9669.04	9582.75	9924.42	9725.40	1.83	ppb
Potassium	39-2	25264.57	24702.50	25187.39	25051.49	1.22	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	466.67	479.98	489.89	478.85	2.43	ppb
Selenium	77-2	468.35	484.39	453.30	468.68	3.32	ppb
Selenium	78-2	473.95	472.02	458.99	468.32	1.74	ppb
Silicon	28-1	461.20	481.10	475.19	472.50	2.16	ppb
Silver	107-1	499.67	511.73	524.21	511.87	2.40	ppb
Silver	109-1	500.68	511.92	527.77	513.46	2.65	ppb
Sodium	23-2	53151.91	51747.86	54210.39	53036.72	2.33	ppb
Strontium	86-1	479.36	487.70	488.74	485.27	1.06	ppb
Strontium	88-1	474.89	479.23	482.17	478.76	0.76	ppb
Sulfur	34-1	9360.33	9829.85	9577.43	9589.20	2.45	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	476.11	473.66	476.25	475.34	0.31	ppb
Thallium	205-1	479.87	484.77	477.96	480.87	0.73	ppb
Tin	118-1	489.10	486.11	503.54	492.92	1.89	ppb
Titanium	47-1	4708.61	4860.38	4783.85	4784.28	1.59	ppb
Uranium	238-1	452.51	472.12	471.31	465.31	2.39	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	PB167865BS	Instrumnet Name :	P8
Client Sample ID :	PB167865BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:11:04	DataFile Name :	052LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	511.99	507.07	516.68	511.91	0.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	5066.35	5098.58	5096.20	5087.04	0.35	ppb
Zirconium	90-1	465.25	484.74	491.13	480.37	2.81	ppb
Zirconium	91-1	466.87	479.12	490.80	478.93	2.50	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:15:46	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50878.69	51329.69	50409.00	50872.46	0.90	ppb
Antimony	121-1	494.25	499.48	504.10	499.28	0.99	ppb
Arsenic	75-2	504.47	494.61	501.69	500.26	1.02	ppb
Barium	135-1	2505.21	2514.80	2485.48	2501.83	0.60	ppb
Barium	137-1	2509.08	2531.87	2457.32	2499.42	1.53	ppb
Beryllium	9-1	506.88	515.24	505.51	509.21	1.03	ppb
Bismuth	209-1				93		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	487.90	491.65	490.19	489.91	0.39	ppb
Cadmium	106-1	494.61	493.14	490.62	492.79	0.41	ppb
Cadmium	111-1	498.75	495.78	485.00	493.18	1.47	ppb
Calcium	43-1	246850.30	247612.53	248880.16	247781.00	0.41	ppb
Calcium	44-1	249170.31	250280.18	250516.86	249989.11	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	521.77	527.73	531.58	527.03	0.94	ppb
Cobalt	59-2	500.05	506.49	496.00	500.85	1.06	ppb
Copper	63-2	4911.56	4814.60	4835.59	4853.92	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				83		%
Iron	54-2	126760.25	126889.76	126835.74	126828.59	0.05	ppb
Iron	56-2	125791.42	127463.76	126154.49	126469.89	0.70	ppb
Iron	57-2	125343.25	128640.00	126856.41	126946.55	1.30	ppb
Krypton	83-1						cps
Lead	206-1	2496.82	2537.60	2521.81	2518.74	0.82	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:15:46	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2483.63	2521.55	2482.32	2495.83	0.89	ppb
Lead	208-1	2494.15	2521.70	2495.79	2503.88	0.62	ppb
Lithium	6-1				89		%
Magnesium	24-2	259331.22	265636.82	255577.36	260181.80	1.95	ppb
Manganese	55-2	5055.58	5099.57	5120.83	5091.99	0.65	ppb
Molybdenum	94-1	4908.65	4880.90	4884.60	4891.38	0.31	ppb
Molybdenum	95-1	4877.59	4843.92	4845.40	4855.64	0.39	ppb
Molybdenum	96-1	4818.00	4853.75	4923.52	4865.09	1.10	ppb
Molybdenum	97-1	4877.34	4885.50	4908.60	4890.48	0.33	ppb
Molybdenum	98-1	4960.28	4851.34	4854.81	4888.81	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.00	464.41	462.85	463.09	0.26	ppb
Phosphorus	31-2	9992.37	10186.23	9874.34	10017.65	1.57	ppb
Potassium	39-2	125912.83	126135.33	127683.76	126577.31	0.76	ppb
Rhodium	103-1				92		%
Rhodium	103-2				88		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	474.36	471.93	476.61	474.30	0.49	ppb
Selenium	77-2	489.70	466.85	506.91	487.82	4.12	ppb
Selenium	78-2	484.05	479.56	483.04	482.22	0.49	ppb
Silicon	28-1	498.22	494.70	497.69	496.87	0.38	ppb
Silver	107-1	478.03	483.34	487.75	483.04	1.01	ppb
Silver	109-1	487.81	477.61	483.79	483.07	1.06	ppb
Sodium	23-2	264641.81	267368.07	259879.00	263962.96	1.44	ppb
Strontium	86-1	501.62	493.25	496.27	497.05	0.85	ppb
Strontium	88-1	488.20	491.26	506.49	495.32	1.98	ppb
Sulfur	34-1	9803.68	9835.34	10065.22	9901.41	1.44	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	493.99	504.76	497.70	498.81	1.10	ppb
Thallium	205-1	498.48	509.18	513.66	507.11	1.54	ppb
Tin	118-1	488.47	499.21	499.19	495.62	1.25	ppb
Titanium	47-1	4878.68	4987.24	4962.73	4942.88	1.15	ppb
Uranium	238-1	499.53	510.43	508.53	506.17	1.15	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:15:46	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	524.52	530.88	529.66	528.35	0.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	4915.57	4934.91	4894.96	4915.15	0.41	ppb
Zirconium	90-1	491.69	491.67	488.62	490.66	0.36	ppb
Zirconium	91-1	488.90	487.90	495.00	490.60	0.78	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:18:35	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.03	3.29	1.84	2.39	32.89	ppb
Antimony	121-1	0.14	0.12	0.10	0.12	14.68	ppb
Arsenic	75-2	0.04	0.02	0.00	0.02	91.46	ppb
Barium	135-1	0.05	0.04	0.03	0.04	28.56	ppb
Barium	137-1	0.04	0.04	0.03	0.04	13.43	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	13.20	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.03	0.04	0.04	26.88	ppb
Cadmium	106-1	-0.32	-0.24	-0.45	-0.34		ppb
Cadmium	111-1	0.00	0.01	-0.02	0.00		ppb
Calcium	43-1	-1.12	-3.14	-2.71	-2.32		ppb
Calcium	44-1	1.75	0.03	-0.03	0.58	173.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	-0.03	-0.02		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.02	0.05	0.01	0.03	86.36	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				108		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	1.32	1.31	1.03	1.22	13.38	ppb
Iron	56-2	0.88	0.77	0.94	0.86	10.27	ppb
Iron	57-2	1.13	1.90	0.59	1.21	54.81	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.14	0.16	10.63	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:18:35	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.17	0.16	0.14	0.16	8.33	ppb
Lead	208-1	0.17	0.15	0.14	0.16	8.78	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.76	1.05	0.73	0.85	21.03	ppb
Manganese	55-2	-0.12	-0.07	-0.06	-0.09		ppb
Molybdenum	94-1	0.22	0.23	0.18	0.21	11.45	ppb
Molybdenum	95-1	0.15	0.13	0.12	0.13	9.90	ppb
Molybdenum	96-1	0.17	0.13	0.14	0.15	13.42	ppb
Molybdenum	97-1	0.15	0.13	0.12	0.13	14.41	ppb
Molybdenum	98-1	0.14	0.13	0.10	0.13	16.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.04	-0.03		ppb
Phosphorus	31-2	-27.82	-19.55	-25.89	-24.42		ppb
Potassium	39-2	13.43	16.27	15.96	15.22	10.25	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	82-1	-0.02	-0.02	0.05	0.01	594.73	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.27	-0.27	-0.44	-0.33		ppb
Silicon	28-1	0.03	-0.27	-0.18	-0.14		ppb
Silver	107-1	0.04	0.03	0.03	0.04	10.41	ppb
Silver	109-1	0.04	0.03	0.03	0.04	12.96	ppb
Sodium	23-2	37.41	37.42	38.66	37.83	1.90	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	56.54	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	25.95	ppb
Sulfur	34-1	-228.76	-402.60	-279.26	-303.54		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.04	0.04	6.62	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	6.33	ppb
Tin	118-1	-0.04	-0.04	-0.03	-0.04		ppb
Titanium	47-1	0.01	-0.01	-0.02	-0.01		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	56.76	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:18:35	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.00	0.01	53.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	-0.07	0.12	0.11	0.05	213.72	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	9.43	ppb
Zirconium	91-1	0.06	0.06	0.06	0.06	0.06	ppb

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 14:58:49	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127	130	103	120	12.11	cps
Antimony	121-1	53	70	70	64	14.93	cps
Arsenic	75-2	7	7	3	6	34.70	cps
Barium	135-1	163	153	217	178	19.15	cps
Barium	137-1	297	313	253	288	10.76	cps
Beryllium	9-1	172	142	155	157	9.62	cps
Bismuth	209-1	11450562	11500850	11664966	11538793	0.97	cps
Bismuth	209-2	5269524	5301949	5264951	5278808	0.38	cps
Bromine	81-1	27166	27687	27808	27554	1.24	cps
Cadmium	108-1	37	53	13	34	58.34	cps
Cadmium	106-1	9807	9844	10040	9897	1.27	cps
Cadmium	111-1	6872	6897	7069	6946	1.54	cps
Calcium	43-1	1013	1127	930	1023	9.65	cps
Calcium	44-1	23370	22872	23263	23168	1.13	cps
Carbon	12-1	3558010	3538287	3386627	3494308	2.68	cps
Carbon	12-2	23202	23248	23172	23207	0.17	cps
Chlorine	35-1	93600	93093	93301	93331	0.27	cps
Chlorine	35-2	287	287	347	307	11.30	cps
Chromium	52-2	1063	1067	1007	1046	3.23	cps
Cobalt	59-2	210	253	273	246	13.19	cps
Copper	63-2	1250	1340	1403	1331	5.79	cps
Dysprosium	156-1	117	193	117	142	31.12	cps
Dysprosium	156-2	3	10	23	12	83.33	cps
Erbium	164-1	113	87	143	114	24.77	cps
Erbium	164-2	53	53	63	57	10.19	cps
Gadolinium	160-1	160	110	197	156	27.97	cps
Gadolinium	160-2	30	33	30	31	6.18	cps
Holmium	165-1	18937271	19345034	18955783	19079363	1.21	cps
Holmium	165-2	7189519	7168998	7136598	7165039	0.37	cps
Indium	115-1	15948858	16403898	16321200	16224652	1.49	cps
Indium	115-2	1733119	1754808	1729413	1739113	0.79	cps
Iron	54-2	590	707	687	661	9.44	cps
Iron	56-2	8232	8980	9353	8855	6.44	cps
Iron	57-2	160	210	207	192	14.54	cps
Krypton	83-1	287	293	243	274	9.89	cps
Lead	206-1	530	583	500	538	7.85	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 14:58:49	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	460	397	477	444	9.50	cps
Lead	208-1	2113	2017	2027	2052	2.59	cps
Lithium	6-1	5477386	5589713	5597089	5554730	1.21	cps
Magnesium	24-2	630	950	983	854	22.83	cps
Manganese	55-2	1953	2017	1937	1969	2.14	cps
Molybdenum	94-1	517	513	637	556	12.65	cps
Molybdenum	95-1	197	203	187	196	4.29	cps
Molybdenum	96-1	357	373	357	362	2.66	cps
Molybdenum	97-1	143	140	127	137	6.45	cps
Molybdenum	98-1	273	383	283	313	19.41	cps
Neodymium	150-1	20	17	20	19	10.18	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	227	340	300	289	19.90	cps
Phosphorus	31-2	100	147	90	112	26.95	cps
Potassium	39-2	10838	10727	10654	10740	0.86	cps
Rhodium	103-1	15111282	15417223	15310081	15279528	1.02	cps
Rhodium	103-2	6138164	6116828	6100725	6118572	0.31	cps
Scandium	45-1	10269128	10251290	10140640	10220352	0.68	cps
Scandium	45-2	182994	181277	183539	182603	0.65	cps
Selenium	82-1	-13	43	33	21	143.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	10	27	16	61.87	cps
Silicon	28-1	459483	466118	460312	461971	0.78	cps
Silver	107-1	223	170	157	183	19.24	cps
Silver	109-1	67	97	63	76	24.30	cps
Sodium	23-2	20504	19617	19967	20029	2.23	cps
Strontium	86-1	460	453	490	468	4.17	cps
Strontium	88-1	583	567	517	556	6.25	cps
Sulfur	34-1	506286	506805	509922	507671	0.39	cps
Terbium	159-1	19916919	19984281	19688631	19863277	0.78	cps
Terbium	159-2	6996499	7044420	6897300	6979406	1.08	cps
Thallium	203-1	173	193	197	188	6.72	cps
Thallium	205-1	483	540	427	483	11.72	cps
Tin	118-1	4157	3947	4047	4051	2.59	cps
Titanium	47-1	577	507	533	539	6.56	cps
Uranium	238-1	360	317	363	347	7.51	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 14:58:49	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	20	20	19	10.18	cps
Ytterbium	172-1	120	120	137	126	7.67	cps
Ytterbium	172-2	67	83	60	70	17.17	cps
Ytterbium	176-1	2850	2600	2370	2607	9.21	cps
Ytterbium	176-2	940	1067	880	962	9.90	cps
Yttrium	89-1	29689810	29341936	29757010	29596252	0.75	cps
Yttrium	89-2	2184935	2145181	2164710	2164942	0.92	cps
Zinc	66-2	380	393	433	402	6.90	cps
Zirconium	90-1	1327	1520	1283	1377	9.16	cps
Zirconium	91-1	257	240	243	247	3.58	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:05:31	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1653	1703	1580	1646	3.77	cps
Antimony	121-1	52520	52199	52296	52338	0.31	cps
Arsenic	75-2	520	617	457	531	15.17	cps
Barium	135-1	61683	62195	62788	62222	0.89	cps
Barium	137-1	108490	110029	110328	109616	0.90	cps
Beryllium	9-1	6644	6867	6991	6834	2.57	cps
Bismuth	209-1	11554226	11758663	11807193	11706694	1.15	cps
Bismuth	209-2	5373442	5352726	5263571	5329913	1.10	cps
Bromine	81-1	27160	27096	26719	26992	0.88	cps
Cadmium	108-1	633	517	573	574	10.16	cps
Cadmium	106-1	11181	11061	11211	11151	0.71	cps
Cadmium	111-1	14415	14073	14208	14232	1.21	cps
Calcium	43-1	42035	42489	42489	42338	0.62	cps
Calcium	44-1	683607	690351	682815	685591	0.60	cps
Carbon	12-1	3585134	3557068	3534041	3558748	0.72	cps
Carbon	12-2	23422	24460	23916	23933	2.17	cps
Chlorine	35-1	98928	98425	97200	98184	0.91	cps
Chlorine	35-2	363	367	283	338	13.97	cps
Chromium	52-2	11278	11084	10828	11063	2.04	cps
Cobalt	59-2	10264	10541	10407	10404	1.33	cps
Copper	63-2	17644	17307	17648	17533	1.12	cps
Dysprosium	156-1	220	213	140	191	23.23	cps
Dysprosium	156-2	13	10	23	16	44.60	cps
Erbium	164-1	150	153	160	154	3.30	cps
Erbium	164-2	50	53	50	51	3.76	cps
Gadolinium	160-1	150	157	147	151	3.37	cps
Gadolinium	160-2	23	57	43	41	40.82	cps
Holmium	165-1	19338349	19406083	19352160	19365531	0.18	cps
Holmium	165-2	7306925	7227442	7191311	7241893	0.82	cps
Indium	115-1	16713897	16523774	16583932	16607201	0.59	cps
Indium	115-2	1761394	1760589	1735307	1752430	0.85	cps
Iron	54-2	11491	11301	11355	11382	0.86	cps
Iron	56-2	204795	200645	202040	202493	1.04	cps
Iron	57-2	5178	5184	4944	5102	2.68	cps
Krypton	83-1	290	263	283	279	4.98	cps
Lead	206-1	19067	18864	18901	18944	0.57	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:05:31	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	16364	16247	16544	16385	0.91	cps
Lead	208-1	75379	75116	75894	75463	0.52	cps
Lithium	6-1	5535000	5620690	5677124	5610938	1.28	cps
Magnesium	24-2	150448	148879	149818	149715	0.53	cps
Manganese	55-2	4164	4097	4257	4173	1.93	cps
Molybdenum	94-1	55216	55276	55025	55172	0.24	cps
Molybdenum	95-1	66170	65778	67071	66339	1.00	cps
Molybdenum	96-1	72917	74197	74233	73782	1.02	cps
Molybdenum	97-1	41194	41686	40933	41271	0.93	cps
Molybdenum	98-1	105773	107250	106316	106446	0.70	cps
Neodymium	150-1	27	17	43	29	46.62	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3167	3244	3150	3187	1.56	cps
Phosphorus	31-2	200	223	207	210	5.72	cps
Potassium	39-2	99423	99675	101252	100116	0.99	cps
Rhodium	103-1	15568681	15707626	15801005	15692438	0.74	cps
Rhodium	103-2	6265934	6163753	6057633	6162440	1.69	cps
Scandium	45-1	10289576	10255697	10256174	10267149	0.19	cps
Scandium	45-2	186065	181831	184036	183977	1.15	cps
Selenium	82-1	2144	2144	2020	2102	3.39	cps
Selenium	77-2	30	57	47	44	30.31	cps
Selenium	78-2	100	127	117	114	11.77	cps
Silicon	28-1	585787	559322	561571	568894	2.58	cps
Silver	107-1	32542	33230	34403	33391	2.82	cps
Silver	109-1	31008	32582	31910	31833	2.48	cps
Sodium	23-2	313836	306941	315370	312049	1.44	cps
Strontium	86-1	8836	8769	8850	8818	0.49	cps
Strontium	88-1	75385	74343	75824	75184	1.01	cps
Sulfur	34-1	520589	521250	521460	521099	0.09	cps
Terbium	159-1	20542072	19861778	20213766	20205872	1.68	cps
Terbium	159-2	7007904	7031773	7097249	7045642	0.66	cps
Thallium	203-1	21972	22603	23869	22815	4.23	cps
Thallium	205-1	53717	54584	55357	54553	1.50	cps
Tin	118-1	110666	109299	110706	110223	0.73	cps
Titanium	47-1	19570	19200	19854	19541	1.68	cps
Uranium	238-1	70082	70655	71218	70652	0.80	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:05:31	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	19984	19323	19500	19602	1.75	cps
Ytterbium	172-1	107	133	103	114	14.37	cps
Ytterbium	172-2	50	77	50	59	26.15	cps
Ytterbium	176-1	2777	2860	2707	2781	2.76	cps
Ytterbium	176-2	843	937	880	887	5.30	cps
Yttrium	89-1	29852684	29812405	29909720	29858269	0.16	cps
Yttrium	89-2	2187175	2163413	2123860	2158149	1.48	cps
Zinc	66-2	4521	4561	4504	4529	0.64	cps
Zirconium	90-1	46822	47815	46608	47081	1.37	cps
Zirconium	91-1	9937	10471	10611	10339	3.44	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:08:50	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76456	73655	73930	74681	2.07	cps
Antimony	121-1	1186315	1198436	1204351	1196367	0.77	cps
Arsenic	75-2	23049	23443	23062	23185	0.96	cps
Barium	135-1	1383900	1402816	1416877	1401197	1.18	cps
Barium	137-1	2532618	2554022	2607204	2564615	1.50	cps
Beryllium	9-1	292359	296792	297300	295484	0.92	cps
Bismuth	209-1	11637291	11718460	11855174	11736975	0.94	cps
Bismuth	209-2	5225923	5194857	5167045	5195942	0.57	cps
Bromine	81-1	28486	26872	27206	27522	3.09	cps
Cadmium	108-1	24135	23630	23978	23914	1.08	cps
Cadmium	106-1	44562	44458	44047	44355	0.61	cps
Cadmium	111-1	305204	309657	311556	308806	1.06	cps
Calcium	43-1	368629	368213	369461	368768	0.17	cps
Calcium	44-1	5969668	5909049	5865581	5914766	0.88	cps
Carbon	12-1	3705804	3676202	3636945	3672984	0.94	cps
Carbon	12-2	24140	24801	23576	24172	2.54	cps
Chlorine	35-1	101438	102234	101372	101681	0.47	cps
Chlorine	35-2	313	347	330	330	5.05	cps
Chromium	52-2	226725	223919	225419	225355	0.62	cps
Cobalt	59-2	438729	433708	432529	434989	0.76	cps
Copper	63-2	3618810	3579524	3557735	3585357	0.86	cps
Dysprosium	156-1	163	210	270	214	24.94	cps
Dysprosium	156-2	17	7	20	14	48.02	cps
Erbium	164-1	140	187	163	163	14.29	cps
Erbium	164-2	77	53	60	63	18.98	cps
Gadolinium	160-1	137	167	173	159	12.29	cps
Gadolinium	160-2	60	50	40	50	20.00	cps
Holmium	165-1	19651160	19273829	19413007	19445999	0.98	cps
Holmium	165-2	7192419	7089791	7042153	7108121	1.08	cps
Indium	115-1	16335747	16289198	16564496	16396480	0.90	cps
Indium	115-2	1749220	1702123	1681948	1711097	2.02	cps
Iron	54-2	473000	469254	466640	469632	0.68	cps
Iron	56-2	8646614	8609969	8607421	8621335	0.25	cps
Iron	57-2	217819	218763	215941	217508	0.66	cps
Krypton	83-1	297	290	377	321	15.02	cps
Lead	206-1	4361980	4480941	4482829	4441916	1.56	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:08:50	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3806785	3807758	3893384	3835976	1.30	cps
Lead	208-1	17410647	17542892	17703939	17552493	0.84	cps
Lithium	6-1	5628578	5587230	5686327	5634045	0.88	cps
Magnesium	24-2	1323761	1312035	1357915	1331237	1.79	cps
Manganese	55-2	943542	941157	949336	944679	0.45	cps
Molybdenum	94-1	4227318	4259669	4196827	4227938	0.74	cps
Molybdenum	95-1	6040132	6091874	6091710	6074572	0.49	cps
Molybdenum	96-1	6588577	6736540	6695959	6673692	1.15	cps
Molybdenum	97-1	3715659	3810896	3835534	3787363	1.67	cps
Molybdenum	98-1	9727276	9766746	9961853	9818625	1.28	cps
Neodymium	150-1	123	143	143	137	8.45	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	122919	121043	120216	121392	1.14	cps
Phosphorus	31-2	3574	3761	3547	3627	3.21	cps
Potassium	39-2	418054	416462	416891	417136	0.20	cps
Rhodium	103-1	15226627	15385019	15598886	15403511	1.21	cps
Rhodium	103-2	6058088	5908509	5837728	5934775	1.90	cps
Scandium	45-1	10403482	10222097	10246574	10290718	0.96	cps
Scandium	45-2	183266	181052	180640	181653	0.78	cps
Selenium	82-1	18055	18126	18086	18089	0.19	cps
Selenium	77-2	300	333	310	314	5.44	cps
Selenium	78-2	923	1083	1077	1028	8.81	cps
Silicon	28-1	6127941	6223801	6075975	6142572	1.22	cps
Silver	107-1	1500785	1526250	1519216	1515417	0.87	cps
Silver	109-1	1435439	1454524	1453318	1447760	0.74	cps
Sodium	23-2	2613721	2577438	2588180	2593113	0.72	cps
Strontium	86-1	375639	377417	381459	378172	0.79	cps
Strontium	88-1	3391796	3389376	3384537	3388569	0.11	cps
Sulfur	34-1	637392	643572	640986	640650	0.48	cps
Terbium	159-1	19896647	20047726	19961633	19968669	0.38	cps
Terbium	159-2	7043142	6963396	6899380	6968640	1.03	cps
Thallium	203-1	1020030	1035118	1039193	1031447	0.98	cps
Thallium	205-1	2512013	2567445	2576183	2551880	1.36	cps
Tin	118-1	954219	969638	964320	962726	0.81	cps
Titanium	47-1	1670833	1674373	1660181	1668463	0.44	cps
Uranium	238-1	3268602	3301900	3325225	3298575	0.86	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:08:50	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	171631	167575	168445	169217	1.26	cps
Ytterbium	172-1	183	140	130	151	18.76	cps
Ytterbium	172-2	47	67	87	67	30.00	cps
Ytterbium	176-1	7509	7676	7686	7623	1.30	cps
Ytterbium	176-2	2447	2797	2590	2611	6.74	cps
Yttrium	89-1	29514695	29534136	29159686	29402839	0.72	cps
Yttrium	89-2	2108571	2049201	2075287	2077686	1.43	cps
Zinc	66-2	382771	380769	380060	381200	0.37	cps
Zirconium	90-1	2096515	2118723	2069772	2095003	1.17	cps
Zirconium	91-1	449551	454464	455440	453152	0.70	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:16:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179314	178441	176193	177983	0.90	cps
Antimony	121-1	3269501	3374044	3342412	3328652	1.61	cps
Arsenic	75-2	54421	54773	54853	54682	0.42	cps
Barium	135-1	3418119	3511464	3479268	3469617	1.37	cps
Barium	137-1	5931894	6027156	5888074	5949041	1.20	cps
Beryllium	9-1	681982	693117	694957	690018	1.02	cps
Bismuth	209-1	11397772	11374397	11344864	11372344	0.23	cps
Bismuth	209-2	5136728	5055774	5073297	5088600	0.84	cps
Bromine	81-1	26736	27654	26849	27080	1.85	cps
Cadmium	108-1	55437	56692	56780	56303	1.33	cps
Cadmium	106-1	88404	90340	91178	89974	1.58	cps
Cadmium	111-1	707610	716322	727189	717041	1.37	cps
Calcium	43-1	858987	870105	871027	866707	0.77	cps
Calcium	44-1	13871042	14064466	14197805	14044438	1.17	cps
Carbon	12-1	3694332	3647245	3593897	3645158	1.38	cps
Carbon	12-2	24684	23833	23702	24073	2.21	cps
Chlorine	35-1	114169	117371	117408	116316	1.60	cps
Chlorine	35-2	430	353	387	390	9.86	cps
Chromium	52-2	532922	536262	531088	533424	0.49	cps
Cobalt	59-2	1015318	1029924	1019894	1021712	0.73	cps
Copper	63-2	8312873	8264447	8268878	8282066	0.32	cps
Dysprosium	156-1	503	437	460	467	7.25	cps
Dysprosium	156-2	90	73	107	90	18.52	cps
Erbium	164-1	340	323	327	330	2.67	cps
Erbium	164-2	97	173	133	134	28.52	cps
Gadolinium	160-1	327	390	327	348	10.51	cps
Gadolinium	160-2	137	100	117	118	15.59	cps
Holmium	165-1	18947096	19065448	18920135	18977560	0.41	cps
Holmium	165-2	6975138	7035965	7109445	7040183	0.96	cps
Indium	115-1	15693423	15858146	15970370	15840646	0.88	cps
Indium	115-2	1655676	1647779	1667573	1657009	0.60	cps
Iron	54-2	1121338	1126401	1115959	1121232	0.47	cps
Iron	56-2	20631556	20796151	20735116	20720941	0.40	cps
Iron	57-2	512841	510783	512314	511979	0.21	cps
Krypton	83-1	280	300	323	301	7.20	cps
Lead	206-1	10658951	10657456	10837048	10717818	0.96	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:16:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9241635	9187929	9247548	9225704	0.36	cps
Lead	208-1	42495622	42606560	42613491	42571891	0.16	cps
Lithium	6-1	5437698	5464699	5522709	5475035	0.79	cps
Magnesium	24-2	3105855	3124194	3132427	3120825	0.44	cps
Manganese	55-2	2317773	2298309	2268670	2294917	1.08	cps
Molybdenum	94-1	9892939	9969772	10119589	9994100	1.15	cps
Molybdenum	95-1	14473376	14326182	14528896	14442818	0.73	cps
Molybdenum	96-1	15652078	15660236	15702972	15671762	0.17	cps
Molybdenum	97-1	8766923	8863996	8814103	8815007	0.55	cps
Molybdenum	98-1	22898466	23499360	23459296	23285708	1.44	cps
Neodymium	150-1	653	643	567	621	7.63	cps
Neodymium	150-2	80	77	87	81	6.28	cps
Nickel	60-2	290202	295832	293666	293234	0.97	cps
Phosphorus	31-2	9006	9090	8526	8874	3.43	cps
Potassium	39-2	991222	990892	984432	988849	0.39	cps
Rhodium	103-1	14848962	14869139	14733218	14817107	0.50	cps
Rhodium	103-2	5803790	5832600	5885651	5840680	0.71	cps
Scandium	45-1	9983816	9967943	9897068	9949609	0.46	cps
Scandium	45-2	179112	176408	176641	177387	0.84	cps
Selenium	82-1	42572	42592	42736	42633	0.21	cps
Selenium	77-2	753	727	740	740	1.80	cps
Selenium	78-2	2310	2430	2354	2365	2.57	cps
Silicon	28-1	13916814	14089706	13658264	13888261	1.56	cps
Silver	107-1	3704997	3683448	3821172	3736539	1.98	cps
Silver	109-1	3528934	3575895	3593029	3565953	0.93	cps
Sodium	23-2	6073664	6129876	6094981	6099507	0.47	cps
Strontium	86-1	885477	898243	902936	895552	1.01	cps
Strontium	88-1	8008381	8150893	8256426	8138566	1.53	cps
Sulfur	34-1	784026	792029	786579	787545	0.52	cps
Terbium	159-1	19613690	19900528	19767072	19760430	0.73	cps
Terbium	159-2	6835364	6908559	6794561	6846161	0.84	cps
Thallium	203-1	2543961	2605961	2575741	2575221	1.20	cps
Thallium	205-1	5984345	6007728	6089901	6027325	0.92	cps
Tin	118-1	2372683	2386508	2410556	2389916	0.80	cps
Titanium	47-1	3956731	3938165	3967522	3954139	0.38	cps
Uranium	238-1	7769629	7841791	7758251	7789890	0.58	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:16:31	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	406421	406308	401802	404844	0.65	cps
Ytterbium	172-1	243	207	270	240	13.25	cps
Ytterbium	172-2	80	150	67	99	45.26	cps
Ytterbium	176-1	14048	14244	14338	14210	1.04	cps
Ytterbium	176-2	5461	5334	5311	5369	1.50	cps
Yttrium	89-1	28919890	28688876	29428827	29012531	1.30	cps
Yttrium	89-2	2087682	2056425	2044117	2062741	1.09	cps
Zinc	66-2	1023873	1025644	1030146	1026554	0.32	cps
Zirconium	90-1	4980636	5014020	4916456	4970371	1.00	cps
Zirconium	91-1	1071297	1079852	1079922	1077023	0.46	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:19:28	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	356958	355087	354133	355393	0.40	cps
Antimony	121-1	5859502	5976022	5998679	5944734	1.26	cps
Arsenic	75-2	109282	110237	108779	109433	0.68	cps
Barium	135-1	6845596	7121849	7003245	6990230	1.98	cps
Barium	137-1	11935621	12118363	12301994	12118659	1.51	cps
Beryllium	9-1	1311219	1309423	1309294	1309979	0.08	cps
Bismuth	209-1	11146976	11421949	11378501	11315808	1.31	cps
Bismuth	209-2	4998650	4948899	4956369	4967973	0.54	cps
Bromine	81-1	26989	27490	26545	27008	1.75	cps
Cadmium	108-1	111378	115754	114299	113810	1.96	cps
Cadmium	106-1	170168	172392	172696	171752	0.80	cps
Cadmium	111-1	1420495	1444396	1429178	1431357	0.85	cps
Calcium	43-1	1761715	1780515	1761115	1767782	0.62	cps
Calcium	44-1	28448925	28587723	28390955	28475868	0.36	cps
Carbon	12-1	3697033	3687171	3681843	3688682	0.21	cps
Carbon	12-2	25302	24995	25178	25158	0.61	cps
Chlorine	35-1	115899	116857	118493	117083	1.12	cps
Chlorine	35-2	333	433	403	390	13.16	cps
Chromium	52-2	1063421	1055012	1069937	1062790	0.70	cps
Cobalt	59-2	2118365	2087946	2135356	2113889	1.14	cps
Copper	63-2	16682790	16636606	16647274	16655557	0.15	cps
Dysprosium	156-1	310	290	327	309	5.94	cps
Dysprosium	156-2	37	47	57	47	21.43	cps
Erbium	164-1	213	210	233	219	5.77	cps
Erbium	164-2	93	120	117	110	13.21	cps
Gadolinium	160-1	233	220	267	240	10.02	cps
Gadolinium	160-2	103	90	83	92	11.04	cps
Holmium	165-1	18685416	19088772	19369168	19047785	1.80	cps
Holmium	165-2	7018380	6895212	6946285	6953292	0.89	cps
Indium	115-1	15554028	15719075	15844650	15705918	0.93	cps
Indium	115-2	1613611	1507769	1630540	1583973	4.20	cps
Iron	54-2	2294787	2246341	2289700	2276943	1.17	cps
Iron	56-2	41026149	40565007	41283058	40958071	0.89	cps
Iron	57-2	1017404	1011049	1032341	1020264	1.07	cps
Krypton	83-1	300	343	280	308	10.52	cps
Lead	206-1	21008115	21292839	21395019	21231991	0.94	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:19:28	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	17978461	18134871	18580509	18231280	1.71	cps
Lead	208-1	83387295	84068413	85233237	84229648	1.11	cps
Lithium	6-1	5332831	5544630	5449393	5442285	1.95	cps
Magnesium	24-2	6240014	6213493	6249343	6234284	0.30	cps
Manganese	55-2	4600851	4508887	4535539	4548426	1.04	cps
Molybdenum	94-1	20114206	20345159	20183922	20214429	0.59	cps
Molybdenum	95-1	29008000	29247534	29451344	29235626	0.76	cps
Molybdenum	96-1	31634245	31647308	32585621	31955725	1.71	cps
Molybdenum	97-1	17594304	17914744	18111101	17873383	1.46	cps
Molybdenum	98-1	46308844	47408218	47367823	47028295	1.33	cps
Neodymium	150-1	567	570	553	563	1.57	cps
Neodymium	150-2	53	20	33	36	47.19	cps
Nickel	60-2	566077	564187	567252	565839	0.27	cps
Phosphorus	31-2	16897	16977	17698	17190	2.57	cps
Potassium	39-2	1961507	1937142	1968856	1955835	0.85	cps
Rhodium	103-1	14377174	14696809	14817367	14630450	1.55	cps
Rhodium	103-2	5773633	5601405	5767384	5714141	1.71	cps
Scandium	45-1	9962399	10022271	10102564	10029078	0.70	cps
Scandium	45-2	177272	171551	178912	175912	2.20	cps
Selenium	82-1	85239	85816	86429	85828	0.69	cps
Selenium	77-2	1400	1413	1283	1366	5.24	cps
Selenium	78-2	4717	4734	4831	4761	1.29	cps
Silicon	28-1	27310391	27563176	26886873	27253480	1.25	cps
Silver	107-1	7397858	7445820	7537411	7460363	0.95	cps
Silver	109-1	7089697	7162879	7212170	7154915	0.86	cps
Sodium	23-2	12368891	12226594	12237554	12277680	0.64	cps
Strontium	86-1	1891256	1913640	1887051	1897316	0.75	cps
Strontium	88-1	16207601	16220250	16592701	16340184	1.34	cps
Sulfur	34-1	1052152	1049092	1050162	1050468	0.15	cps
Terbium	159-1	19658187	19722466	19721868	19700841	0.19	cps
Terbium	159-2	6875730	6719632	6897391	6830917	1.42	cps
Thallium	203-1	5126897	5255901	5211707	5198168	1.26	cps
Thallium	205-1	12110099	12278979	12150330	12179803	0.72	cps
Tin	118-1	4766965	4755873	4857884	4793574	1.17	cps
Titanium	47-1	7835259	7923988	7946352	7901867	0.74	cps
Uranium	238-1	15577286	15902820	16181133	15887080	1.90	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:19:28	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	805614	806845	807131	806530	0.10	cps
Ytterbium	172-1	247	237	237	240	2.41	cps
Ytterbium	172-2	100	113	90	101	11.58	cps
Ytterbium	176-1	26146	26697	26988	26610	1.61	cps
Ytterbium	176-2	9727	9720	9440	9629	1.70	cps
Yttrium	89-1	28486839	28610570	28856832	28651414	0.66	cps
Yttrium	89-2	2045926	2005371	2025734	2025677	1.00	cps
Zinc	66-2	1887123	1847172	1881359	1871885	1.15	cps
Zirconium	90-1	10062615	10289665	10150080	10167453	1.13	cps
Zirconium	91-1	2228964	2288084	2288165	2268404	1.51	cps

LB Number : LB135757 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired : 2025-05-13 15:22:16 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	703316	698193	712986	704831	1.07	cps
Antimony	121-1	11683481	11979143	12042814	11901812	1.61	cps
Arsenic	75-2	217426	216995	217265	217229	0.10	cps
Barium	135-1	13793483	14112958	13951294	13952578	1.14	cps
Barium	137-1	23938988	24588835	24531746	24353190	1.48	cps
Beryllium	9-1	2552290	2628199	2607394	2595961	1.51	cps
Bismuth	209-1	11032816	10908512	10980182	10973836	0.57	cps
Bismuth	209-2	4863726	4856669	4931316	4883904	0.84	cps
Bromine	81-1	25917	26565	25780	26088	1.61	cps
Cadmium	108-1	223709	228246	230037	227331	1.43	cps
Cadmium	106-1	326052	336405	329996	330818	1.58	cps
Cadmium	111-1	2962692	2992484	2956354	2970510	0.65	cps
Calcium	43-1	3509043	3544844	3547708	3533865	0.61	cps
Calcium	44-1	56805802	57297902	56464849	56856185	0.74	cps
Carbon	12-1	3795914	3863129	3910142	3856395	1.49	cps
Carbon	12-2	27025	27042	27275	27114	0.52	cps
Chlorine	35-1	133126	134817	136379	134774	1.21	cps
Chlorine	35-2	483	480	347	437	17.85	cps
Chromium	52-2	2208916	2198969	2200741	2202875	0.24	cps
Cobalt	59-2	4092573	4148422	4191981	4144325	1.20	cps
Copper	63-2	32739489	32549743	32087453	32458895	1.03	cps
Dysprosium	156-1	447	450	520	472	8.77	cps
Dysprosium	156-2	53	67	63	61	11.36	cps
Erbium	164-1	313	330	340	328	4.11	cps
Erbium	164-2	163	113	93	123	29.24	cps
Gadolinium	160-1	340	267	313	307	12.10	cps
Gadolinium	160-2	93	100	100	98	3.94	cps
Holmium	165-1	18737705	19024656	18985646	18916002	0.82	cps
Holmium	165-2	6988105	6899275	6887601	6924994	0.79	cps
Indium	115-1	15158348	15507176	15083775	15249767	1.48	cps
Indium	115-2	1467295	1471656	1493776	1477576	0.96	cps
Iron	54-2	4484981	4442589	4455393	4460988	0.49	cps
Iron	56-2	80923565	81311484	82297119	81510723	0.87	cps
Iron	57-2	2072922	2138233	2099700	2103619	1.56	cps
Krypton	83-1	297	307	340	314	7.22	cps
Lead	206-1	42062379	42325073	42765884	42384445	0.84	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:22:16	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	35647990	36103175	36785948	36179038	1.58	cps
Lead	208-1	165919028	166819367	169643477	167460624	1.16	cps
Lithium	6-1	5290554	5331746	5359603	5327301	0.65	cps
Magnesium	24-2	12432429	12309585	12464876	12402297	0.66	cps
Manganese	55-2	9009969	9135348	8988009	9044442	0.88	cps
Molybdenum	94-1	41290703	41067856	40618368	40992309	0.84	cps
Molybdenum	95-1	58890956	59392802	58796294	59026684	0.54	cps
Molybdenum	96-1	64289552	64709056	64866169	64621592	0.46	cps
Molybdenum	97-1	36178406	36766937	36463904	36469749	0.81	cps
Molybdenum	98-1	94317095	95825129	94187895	94776706	0.96	cps
Neodymium	150-1	1233	1087	1150	1157	6.36	cps
Neodymium	150-2	77	60	97	78	23.61	cps
Nickel	60-2	1093872	1110859	1106487	1103739	0.80	cps
Phosphorus	31-2	34190	34611	34000	34267	0.91	cps
Potassium	39-2	3981745	3889442	3898995	3923394	1.29	cps
Rhodium	103-1	13987743	14035396	13888561	13970567	0.54	cps
Rhodium	103-2	5462643	5548389	5513663	5508232	0.78	cps
Scandium	45-1	9779850	9637145	9681635	9699543	0.75	cps
Scandium	45-2	172095	174438	173116	173216	0.68	cps
Selenium	82-1	169653	172770	173941	172122	1.29	cps
Selenium	77-2	2760	2814	2610	2728	3.87	cps
Selenium	78-2	9420	9286	9597	9434	1.65	cps
Silicon	28-1	52647191	53114846	54165196	53309078	1.46	cps
Silver	107-1	14590089	14982883	14955831	14842935	1.48	cps
Silver	109-1	13976766	14218198	14305054	14166672	1.20	cps
Sodium	23-2	24718493	24395988	24698544	24604342	0.73	cps
Strontium	86-1	3799977	3772906	3779250	3784044	0.37	cps
Strontium	88-1	33178361	32841220	33299346	33106309	0.72	cps
Sulfur	34-1	1325133	1343915	1335145	1334731	0.70	cps
Terbium	159-1	19714016	19222536	19417116	19451223	1.27	cps
Terbium	159-2	6626619	6646948	6733136	6668901	0.85	cps
Thallium	203-1	10244628	10358717	10407465	10336937	0.81	cps
Thallium	205-1	24333673	24506230	25016700	24618867	1.44	cps
Tin	118-1	9410570	9606445	9550080	9522365	1.06	cps
Titanium	47-1	15921421	16043724	15886926	15950690	0.52	cps
Uranium	238-1	31627790	31893834	32636020	32052548	1.63	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:22:16	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1663347	1657151	1618408	1646302	1.48	cps
Ytterbium	172-1	337	377	397	370	8.26	cps
Ytterbium	172-2	133	147	123	134	8.71	cps
Ytterbium	176-1	50459	51533	50975	50989	1.05	cps
Ytterbium	176-2	19398	18710	18543	18884	2.40	cps
Yttrium	89-1	28745121	28104760	28011850	28287243	1.41	cps
Yttrium	89-2	1993036	1968682	2027487	1996402	1.48	cps
Zinc	66-2	3644120	3609071	3636237	3629809	0.51	cps
Zirconium	90-1	20316466	20580422	20304599	20400496	0.76	cps
Zirconium	91-1	4516822	4617660	4592842	4575775	1.15	cps

LB Number : LB135757 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2025-05-13 15:25:03 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1419052	1451475	1434995	1435174	1.13	cps
Antimony	121-1	23667173	23902896	23846014	23805361	0.52	cps
Arsenic	75-2	433655	437859	436479	435997	0.49	cps
Barium	135-1	28104891	28744200	28754850	28534647	1.30	cps
Barium	137-1	48784794	49074359	49653833	49170995	0.90	cps
Beryllium	9-1	4853218	5026734	5118887	4999613	2.70	cps
Bismuth	209-1	10552956	10732629	10578188	10621258	0.92	cps
Bismuth	209-2	4642091	4677591	4605585	4641756	0.78	cps
Bromine	81-1	26281	25430	25553	25755	1.79	cps
Cadmium	108-1	441646	448935	449450	446677	0.98	cps
Cadmium	106-1	644849	646394	650858	647367	0.48	cps
Cadmium	111-1	5704556	5766362	5883845	5784921	1.57	cps
Calcium	43-1	6846569	6957478	6965901	6923316	0.96	cps
Calcium	44-1	111359198	115007045	113557792	113308012	1.62	cps
Carbon	12-1	4206474	4250992	4267610	4241692	0.75	cps
Carbon	12-2	30532	30695	31387	30871	1.47	cps
Chlorine	35-1	163047	169594	173011	168551	3.00	cps
Chlorine	35-2	537	553	640	577	9.62	cps
Chromium	52-2	4364853	4290553	4359973	4338460	0.96	cps
Cobalt	59-2	8272479	8177234	8184205	8211306	0.65	cps
Copper	63-2	63891127	64678532	63827057	64132239	0.74	cps
Dysprosium	156-1	660	710	737	702	5.54	cps
Dysprosium	156-2	130	137	137	134	2.86	cps
Erbium	164-1	510	543	477	510	6.54	cps
Erbium	164-2	207	197	177	193	7.90	cps
Gadolinium	160-1	410	430	417	419	2.43	cps
Gadolinium	160-2	150	167	177	164	8.19	cps
Holmium	165-1	18485832	18457493	18681339	18541555	0.66	cps
Holmium	165-2	6739052	6725125	6743467	6735881	0.14	cps
Indium	115-1	14504116	14604913	14826743	14645257	1.13	cps
Indium	115-2	1397051	1402120	1396795	1398655	0.21	cps
Iron	54-2	8984890	8937015	9025396	8982434	0.49	cps
Iron	56-2	162126528	163171218	163555394	162951046	0.45	cps
Iron	57-2	4142723	4179928	4080799	4134483	1.21	cps
Krypton	83-1	363	397	377	379	4.43	cps
Lead	206-1	84137490	84767189	86340595	85081758	1.33	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:25:03	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	71705282	71942809	73504206	72384099	1.35	cps
Lead	208-1	331850817	334468602	335969585	334096334	0.62	cps
Lithium	6-1	5015101	5031471	5113363	5053312	1.04	cps
Magnesium	24-2	24818811	25146255	25142405	25035824	0.75	cps
Manganese	55-2	18242716	18204294	18112677	18186562	0.37	cps
Molybdenum	94-1	82001044	82945900	83378675	82775207	0.85	cps
Molybdenum	95-1	119039175	119165208	120419352	119541245	0.64	cps
Molybdenum	96-1	127674525	129026071	130255958	128985518	1.00	cps
Molybdenum	97-1	72302864	73789501	73615766	73236043	1.11	cps
Molybdenum	98-1	188492191	190566597	194027690	191028826	1.46	cps
Neodymium	150-1	2080	2120	2337	2179	6.34	cps
Neodymium	150-2	140	67	117	108	34.76	cps
Nickel	60-2	2313025	2329029	2276173	2306076	1.18	cps
Phosphorus	31-2	68249	68126	67355	67910	0.71	cps
Potassium	39-2	7836591	7720614	7830280	7795828	0.84	cps
Rhodium	103-1	13471307	13397533	13454415	13441085	0.29	cps
Rhodium	103-2	5371733	5288035	5395537	5351768	1.06	cps
Scandium	45-1	9400042	9439508	9511310	9450287	0.60	cps
Scandium	45-2	173321	173042	173982	173448	0.28	cps
Selenium	82-1	334606	340286	342037	338976	1.15	cps
Selenium	77-2	5585	5404	5468	5486	1.67	cps
Selenium	78-2	18906	19146	18743	18932	1.07	cps
Silicon	28-1	103410615	105183515	103404248	103999460	0.99	cps
Silver	107-1	28904492	29136420	28920250	28987054	0.45	cps
Silver	109-1	27336141	27390276	27587807	27438075	0.48	cps
Sodium	23-2	49275583	49956478	49766709	49666256	0.71	cps
Strontium	86-1	7504758	7571139	7521432	7532443	0.46	cps
Strontium	88-1	65435694	66311381	66237422	65994832	0.74	cps
Sulfur	34-1	2116009	2156139	2154163	2142104	1.06	cps
Terbium	159-1	19315356	19279073	19200197	19264875	0.31	cps
Terbium	159-2	6519865	6531015	6557438	6536106	0.30	cps
Thallium	203-1	20806642	20796380	21223361	20942128	1.16	cps
Thallium	205-1	48722146	48924856	49347629	48998210	0.65	cps
Tin	118-1	19247088	19236778	19406405	19296757	0.49	cps
Titanium	47-1	31378951	32085382	31993220	31819185	1.21	cps
Uranium	238-1	63970852	65502106	65344511	64939156	1.30	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:25:03	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3325116	3293052	3323721	3313963	0.55	cps
Ytterbium	172-1	563	473	497	511	9.14	cps
Ytterbium	172-2	217	207	277	233	16.23	cps
Ytterbium	176-1	99431	101221	101446	100699	1.10	cps
Ytterbium	176-2	37189	37182	37500	37290	0.49	cps
Yttrium	89-1	27680839	27712120	27322210	27571723	0.79	cps
Yttrium	89-2	1972605	1918527	1975557	1955563	1.64	cps
Zinc	66-2	6996203	7117547	7042516	7052089	0.87	cps
Zirconium	90-1	40592006	41204441	41508326	41101591	1.14	cps
Zirconium	91-1	9101150	9203118	9177267	9160512	0.58	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:27:48	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6469742	6517276	6529476	6505498	0.49	cps
Antimony	121-1	17371	16777	16433	16860	2.81	cps
Arsenic	75-2	213	223	197	211	6.38	cps
Barium	135-1	10758	11068	10714	10847	1.78	cps
Barium	137-1	18853	19264	19147	19088	1.11	cps
Beryllium	9-1	669	607	592	623	6.48	cps
Bismuth	209-1	9437115	9206977	9289964	9311352	1.25	cps
Bismuth	209-2	4183427	4227403	4194130	4201653	0.55	cps
Bromine	81-1	24632	23426	24318	24125	2.59	cps
Cadmium	108-1	243	230	183	219	14.39	cps
Cadmium	106-1	9323	8833	9023	9060	2.73	cps
Cadmium	111-1	7289	6969	7031	7096	2.39	cps
Calcium	43-1	32351435	32381943	32460306	32397895	0.17	cps
Calcium	44-1	522585126	528020112	530112632	526905957	0.74	cps
Carbon	12-1	3640216	3660567	3673716	3658166	0.46	cps
Carbon	12-2	32095	31694	32453	32081	1.18	cps
Chlorine	35-1	125680	127461	127637	126926	0.85	cps
Chlorine	35-2	523	450	420	464	11.45	cps
Chromium	52-2	37867	37051	37021	37313	1.29	cps
Cobalt	59-2	16269	16633	16603	16502	1.22	cps
Copper	63-2	16583	17017	16813	16804	1.29	cps
Dysprosium	156-1	970	950	867	929	5.90	cps
Dysprosium	156-2	227	283	240	250	11.85	cps
Erbium	164-1	943	977	977	966	1.99	cps
Erbium	164-2	450	347	377	391	13.59	cps
Gadolinium	160-1	840	920	733	831	11.27	cps
Gadolinium	160-2	287	293	327	302	7.09	cps
Holmium	165-1	17573919	17313672	17599099	17495563	0.90	cps
Holmium	165-2	6428766	6506827	6465765	6467119	0.60	cps
Indium	115-1	13861549	13809829	13898706	13856695	0.32	cps
Indium	115-2	1380553	1379356	1383086	1380998	0.14	cps
Iron	54-2	40942454	40313433	40491116	40582334	0.80	cps
Iron	56-2	753755775	745490016	752234362	750493384	0.59	cps
Iron	57-2	19042488	18978037	18943245	18987923	0.27	cps
Krypton	83-1	350	343	350	348	1.11	cps
Lead	206-1	87019	86395	86107	86507	0.54	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:27:48	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	75592	75387	74063	75014	1.11	cps
Lead	208-1	344838	344107	341933	343626	0.44	cps
Lithium	6-1	4560181	4554422	4655491	4590031	1.24	cps
Magnesium	24-2	111522928	112558452	109254218	111111866	1.52	cps
Manganese	55-2	11598	11598	11808	11668	1.04	cps
Molybdenum	94-1	17424	16353	16273	16683	3.85	cps
Molybdenum	95-1	16353	15596	15242	15730	3.61	cps
Molybdenum	96-1	29471	29435	28142	29016	2.61	cps
Molybdenum	97-1	9880	9317	8846	9348	5.54	cps
Molybdenum	98-1	25203	24428	23029	24220	4.55	cps
Neodymium	150-1	417	517	403	446	13.90	cps
Neodymium	150-2	140	73	130	114	31.42	cps
Nickel	60-2	10421	10731	10734	10628	1.69	cps
Phosphorus	31-2	130	113	140	128	10.54	cps
Potassium	39-2	36680149	36514721	36991422	36728764	0.66	cps
Rhodium	103-1	12140124	12098274	12109223	12115874	0.18	cps
Rhodium	103-2	4883055	4747951	4801335	4810780	1.41	cps
Scandium	45-1	8952658	8948307	8918301	8939755	0.21	cps
Scandium	45-2	160740	160707	161840	161096	0.40	cps
Selenium	82-1	213	217	323	251	24.92	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	40	23	23	29	33.32	cps
Silicon	28-1	682315	650367	629305	653996	4.08	cps
Silver	107-1	3097	2914	2424	2811	12.38	cps
Silver	109-1	2504	2360	2197	2354	6.52	cps
Sodium	23-2	220134243	220284037	220955237	220457839	0.20	cps
Strontium	86-1	23657	23597	23750	23668	0.33	cps
Strontium	88-1	202702	205828	201373	203301	1.12	cps
Sulfur	34-1	436554	439458	437385	437799	0.34	cps
Terbium	159-1	18241153	18099502	17911486	18084047	0.91	cps
Terbium	159-2	6260242	6255899	6379843	6298662	1.12	cps
Thallium	203-1	1947	1757	1527	1743	12.06	cps
Thallium	205-1	4628	4417	3687	4244	11.63	cps
Tin	118-1	7025	6555	6515	6698	4.24	cps
Titanium	47-1	3157	3144	3394	3232	4.35	cps
Uranium	238-1	3104	2917	2664	2895	7.63	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:27:48	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	813	850	907	857	5.49	cps
Ytterbium	172-1	1583	1570	1580	1578	0.44	cps
Ytterbium	172-2	693	733	653	693	5.77	cps
Ytterbium	176-1	3294	3304	3444	3347	2.51	cps
Ytterbium	176-2	1143	1077	1033	1085	5.11	cps
Yttrium	89-1	26297710	26284485	26225374	26269190	0.15	cps
Yttrium	89-2	1943740	1904477	1920183	1922800	1.03	cps
Zinc	66-2	39953	41223	39909	40362	1.85	cps
Zirconium	90-1	19777	19487	19333	19533	1.15	cps
Zirconium	91-1	4277	4477	4234	4330	3.00	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:58:07	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37786	37522	37251	37519	0.71	cps
Antimony	121-1	5067321	5193028	5111266	5123872	1.25	cps
Arsenic	75-2	98377	98219	98350	98315	0.09	cps
Barium	135-1	595397	604141	609598	603045	1.19	cps
Barium	137-1	1046711	1059751	1049864	1052108	0.65	cps
Beryllium	9-1	602822	612798	608995	608205	0.83	cps
Bismuth	209-1	12057735	12095319	12125359	12092804	0.28	cps
Bismuth	209-2	5472551	5381012	5408213	5420592	0.87	cps
Bromine	81-1	27677	27604	28055	27779	0.87	cps
Cadmium	108-1	41984	42890	42221	42365	1.11	cps
Cadmium	106-1	67517	68820	67799	68046	1.01	cps
Cadmium	111-1	638510	644546	651956	645004	1.04	cps
Calcium	43-1	151050	152456	154644	152716	1.19	cps
Calcium	44-1	2484500	2511749	2543582	2513277	1.18	cps
Carbon	12-1	3889758	3804430	3769129	3821106	1.62	cps
Carbon	12-2	24814	25238	25499	25184	1.37	cps
Chlorine	35-1	123575	123898	127199	124891	1.61	cps
Chlorine	35-2	467	437	410	438	6.48	cps
Chromium	52-2	486679	489291	485276	487082	0.42	cps
Cobalt	59-2	948164	950001	955276	951147	0.39	cps
Copper	63-2	761933	761433	754312	759226	0.56	cps
Dysprosium	156-1	117	130	90	112	18.15	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	150	157	93	133	26.10	cps
Erbium	164-2	90	57	63	70	25.20	cps
Gadolinium	160-1	93	150	127	123	23.09	cps
Gadolinium	160-2	40	43	47	43	7.70	cps
Holmium	165-1	19620893	19837760	19804168	19754274	0.59	cps
Holmium	165-2	7333026	7500360	7298447	7377277	1.46	cps
Indium	115-1	16815646	16811277	16939142	16855355	0.43	cps
Indium	115-2	1769803	1816202	1780353	1788786	1.36	cps
Iron	54-2	405478	401452	403335	403421	0.50	cps
Iron	56-2	7320988	7439811	7308370	7356390	0.99	cps
Iron	57-2	179997	183420	182333	181917	0.96	cps
Krypton	83-1	287	243	290	273	9.52	cps
Lead	206-1	3891781	3846042	3823438	3853754	0.90	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:58:07	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3200049	3207461	3135003	3180838	1.25	cps
Lead	208-1	14865082	14930339	14786563	14860661	0.48	cps
Lithium	6-1	5661537	5741843	5627785	5677055	1.03	cps
Magnesium	24-2	317409	318395	313835	316547	0.76	cps
Manganese	55-2	204990	202820	203581	203797	0.54	cps
Molybdenum	94-1	1027	1187	1323	1179	12.60	cps
Molybdenum	95-1	483	440	513	479	7.70	cps
Molybdenum	96-1	987	1113	1110	1070	6.75	cps
Molybdenum	97-1	337	363	350	350	3.81	cps
Molybdenum	98-1	977	837	897	903	7.78	cps
Neodymium	150-1	83	83	77	81	4.74	cps
Neodymium	150-2	0	3	13	6	124.93	cps
Nickel	60-2	266856	265261	268660	266926	0.64	cps
Phosphorus	31-2	93	123	110	109	13.81	cps
Potassium	39-2	342787	344915	344561	344088	0.33	cps
Rhodium	103-1	16049195	16042834	15854167	15982065	0.69	cps
Rhodium	103-2	6310584	6322836	6349685	6327701	0.32	cps
Scandium	45-1	10710099	10677019	10843386	10743501	0.82	cps
Scandium	45-2	187428	188098	187517	187681	0.19	cps
Selenium	82-1	80427	80310	80139	80292	0.18	cps
Selenium	77-2	1220	1350	1333	1301	5.44	cps
Selenium	78-2	4331	4341	4414	4362	1.04	cps
Silicon	28-1	445050	463711	451511	453424	2.09	cps
Silver	107-1	1379634	1417574	1424662	1407290	1.72	cps
Silver	109-1	1319496	1347048	1357004	1341182	1.45	cps
Sodium	23-2	1062426	1093908	1082271	1079535	1.47	cps
Strontium	86-1	2397	2434	2457	2429	1.25	cps
Strontium	88-1	18085	18349	18195	18210	0.73	cps
Sulfur	34-1	521684	520506	518478	520223	0.31	cps
Terbium	159-1	20713080	20824322	20481129	20672844	0.85	cps
Terbium	159-2	7348477	7172433	7260537	7260483	1.21	cps
Thallium	203-1	4548924	4624039	4616358	4596440	0.90	cps
Thallium	205-1	10763268	10804764	10843652	10803895	0.37	cps
Tin	118-1	4494	4197	4427	4373	3.56	cps
Titanium	47-1	420	340	437	399	12.95	cps
Uranium	238-1	133	133	163	143	12.08	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 15:58:07	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	360802	361602	363710	362038	0.42	cps
Ytterbium	172-1	127	100	137	121	15.65	cps
Ytterbium	172-2	37	43	47	42	12.06	cps
Ytterbium	176-1	2764	2804	2767	2778	0.80	cps
Ytterbium	176-2	913	793	793	833	8.31	cps
Yttrium	89-1	30562718	30658866	30591697	30604427	0.16	cps
Yttrium	89-2	2207075	2213400	2192060	2204178	0.50	cps
Zinc	66-2	159553	160194	160742	160163	0.37	cps
Zirconium	90-1	2204	2184	2214	2200	0.69	cps
Zirconium	91-1	1157	1147	1340	1215	8.96	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:08:42	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1697	1693	1713	1701	0.63	cps
Antimony	121-1	47054	46790	47419	47087	0.67	cps
Arsenic	75-2	467	463	517	482	6.20	cps
Barium	135-1	56360	56420	57090	56623	0.72	cps
Barium	137-1	96739	97793	98877	97803	1.09	cps
Beryllium	9-1	5927	6099	6063	6030	1.51	cps
Bismuth	209-1	11929718	12147640	12128818	12068725	1.00	cps
Bismuth	209-2	5512211	5601306	5415447	5509655	1.69	cps
Bromine	81-1	27965	28542	28372	28293	1.05	cps
Cadmium	108-1	370	533	533	479	19.69	cps
Cadmium	106-1	10864	11121	10828	10938	1.46	cps
Cadmium	111-1	13604	13406	13494	13502	0.73	cps
Calcium	43-1	38017	38478	38311	38269	0.61	cps
Calcium	44-1	630685	636240	625585	630836	0.84	cps
Carbon	12-1	3559662	3504315	3466264	3510081	1.34	cps
Carbon	12-2	22968	22350	22691	22670	1.36	cps
Chlorine	35-1	94522	95257	94694	94824	0.41	cps
Chlorine	35-2	363	260	260	294	20.26	cps
Chromium	52-2	10727	10160	10621	10503	2.87	cps
Cobalt	59-2	9350	9323	9550	9408	1.32	cps
Copper	63-2	16189	16153	15776	16039	1.43	cps
Dysprosium	156-1	100	90	67	86	19.99	cps
Dysprosium	156-2	0	20	10	10	100.00	cps
Erbium	164-1	137	167	120	141	16.76	cps
Erbium	164-2	50	53	37	47	18.89	cps
Gadolinium	160-1	153	117	167	146	17.79	cps
Gadolinium	160-2	27	50	37	38	30.98	cps
Holmium	165-1	19948397	20121773	19903694	19991288	0.58	cps
Holmium	165-2	7552339	7508469	7340192	7467000	1.50	cps
Indium	115-1	17237171	17179706	17302854	17239910	0.36	cps
Indium	115-2	1822875	1836764	1835915	1831851	0.43	cps
Iron	54-2	10587	10467	10214	10423	1.83	cps
Iron	56-2	183838	183950	182053	183280	0.58	cps
Iron	57-2	4581	4634	4457	4557	1.99	cps
Krypton	83-1	300	263	250	271	9.55	cps
Lead	206-1	17161	17445	16918	17175	1.54	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:08:42	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14945	15556	15573	15358	2.33	cps
Lead	208-1	69675	70218	69911	69935	0.39	cps
Lithium	6-1	5811017	5612614	5686828	5703486	1.76	cps
Magnesium	24-2	131816	135964	133471	133751	1.56	cps
Manganese	55-2	3937	4321	4101	4120	4.67	cps
Molybdenum	94-1	49501	51231	50227	50319	1.73	cps
Molybdenum	95-1	58911	59624	60916	59817	1.70	cps
Molybdenum	96-1	65681	65741	65935	65786	0.20	cps
Molybdenum	97-1	37063	37046	37026	37045	0.05	cps
Molybdenum	98-1	95234	96214	96053	95833	0.55	cps
Neodymium	150-1	17	30	37	28	36.66	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	2697	2750	2937	2795	4.51	cps
Phosphorus	31-2	207	173	263	214	21.22	cps
Potassium	39-2	93048	92229	93024	92767	0.50	cps
Rhodium	103-1	16373888	16186002	16069059	16209650	0.95	cps
Rhodium	103-2	6420642	6483372	6452374	6452129	0.49	cps
Scandium	45-1	10869589	10753185	10903567	10842113	0.73	cps
Scandium	45-2	191628	190367	190489	190828	0.36	cps
Selenium	82-1	1683	1814	1967	1821	7.79	cps
Selenium	77-2	23	30	37	30	22.23	cps
Selenium	78-2	113	173	110	132	26.96	cps
Silicon	28-1	537367	546654	563507	549176	2.41	cps
Silver	107-1	29635	29889	30988	30171	2.38	cps
Silver	109-1	28085	28787	29101	28658	1.81	cps
Sodium	23-2	283527	284304	287436	285089	0.73	cps
Strontium	86-1	7992	8429	8426	8283	3.03	cps
Strontium	88-1	67425	68246	68728	68133	0.97	cps
Sulfur	34-1	540557	539678	540610	540282	0.10	cps
Terbium	159-1	20666116	20538318	21176600	20793678	1.62	cps
Terbium	159-2	7318294	7317199	7359299	7331597	0.33	cps
Thallium	203-1	20416	20356	21127	20633	2.08	cps
Thallium	205-1	48761	49688	49337	49262	0.95	cps
Tin	118-1	99592	101126	100180	100299	0.77	cps
Titanium	47-1	17684	17721	17678	17694	0.13	cps
Uranium	238-1	62242	63019	62318	62526	0.68	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:08:42	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17404	17531	17274	17403	0.74	cps
Ytterbium	172-1	140	137	137	138	1.40	cps
Ytterbium	172-2	53	43	67	54	21.51	cps
Ytterbium	176-1	2787	2867	2680	2778	3.37	cps
Ytterbium	176-2	923	930	913	922	0.91	cps
Yttrium	89-1	31342467	31227113	31264315	31277965	0.19	cps
Yttrium	89-2	2247825	2276124	2242831	2255593	0.80	cps
Zinc	66-2	4344	4184	4204	4244	2.06	cps
Zirconium	90-1	41846	43250	42849	42648	1.70	cps
Zirconium	91-1	9490	9553	9560	9534	0.41	cps

LB Number : LB135757 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2025-05-13 16:15:46 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	113	83	93	18.56	cps
Antimony	121-1	137	207	187	177	20.41	cps
Arsenic	75-2	7	7	10	8	24.71	cps
Barium	135-1	170	133	130	144	15.36	cps
Barium	137-1	267	170	230	222	21.96	cps
Beryllium	9-1	102	81	120	101	19.17	cps
Bismuth	209-1	12425799	12273488	12185556	12294948	0.99	cps
Bismuth	209-2	5527802	5582620	5548598	5553007	0.50	cps
Bromine	81-1	27664	28038	28716	28139	1.90	cps
Cadmium	108-1	17	47	10	24	79.90	cps
Cadmium	106-1	10494	10217	10457	10390	1.45	cps
Cadmium	111-1	7358	7149	7343	7283	1.60	cps
Calcium	43-1	843	787	827	819	3.56	cps
Calcium	44-1	24161	23897	24151	24070	0.62	cps
Carbon	12-1	3599530	3558728	3453850	3537370	2.12	cps
Carbon	12-2	22688	23148	22681	22839	1.17	cps
Chlorine	35-1	96270	95519	94912	95567	0.71	cps
Chlorine	35-2	327	333	257	306	13.90	cps
Chromium	52-2	1000	990	1073	1021	4.46	cps
Cobalt	59-2	133	147	150	143	6.15	cps
Copper	63-2	1217	1223	1160	1200	2.90	cps
Dysprosium	156-1	77	80	63	73	12.03	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	127	183	150	153	18.57	cps
Erbium	164-2	33	33	30	32	5.97	cps
Gadolinium	160-1	157	147	157	153	3.77	cps
Gadolinium	160-2	43	33	40	39	13.09	cps
Holmium	165-1	20209287	19883546	20124436	20072423	0.84	cps
Holmium	165-2	7445351	7441676	7563329	7483452	0.92	cps
Indium	115-1	17306443	17100759	17418309	17275170	0.93	cps
Indium	115-2	1841709	1838523	1859755	1846662	0.62	cps
Iron	54-2	697	613	1050	787	29.50	cps
Iron	56-2	6988	6822	7109	6973	2.07	cps
Iron	57-2	153	220	173	182	18.77	cps
Krypton	83-1	227	287	230	248	13.61	cps
Lead	206-1	877	927	830	878	5.51	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:15:46	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	730	747	700	726	3.26	cps
Lead	208-1	3400	3540	3360	3434	2.75	cps
Lithium	6-1	5748176	5786561	5729219	5754652	0.51	cps
Magnesium	24-2	540	500	413	484	13.37	cps
Manganese	55-2	1867	1930	1997	1931	3.37	cps
Molybdenum	94-1	513	647	527	562	13.06	cps
Molybdenum	95-1	180	157	160	166	7.62	cps
Molybdenum	96-1	307	367	300	324	11.32	cps
Molybdenum	97-1	117	127	80	108	22.80	cps
Molybdenum	98-1	237	257	247	247	4.05	cps
Neodymium	150-1	13	37	23	24	47.91	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	227	253	253	244	6.30	cps
Phosphorus	31-2	110	97	107	104	6.64	cps
Potassium	39-2	11214	11591	11325	11377	1.70	cps
Rhodium	103-1	16266711	16387409	16490831	16381650	0.68	cps
Rhodium	103-2	6457852	6542233	6463681	6487922	0.73	cps
Scandium	45-1	10784932	10652079	10882107	10773039	1.07	cps
Scandium	45-2	191295	192877	192869	192347	0.47	cps
Selenium	82-1	47	13	10	23	86.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	13	3	9	57.30	cps
Silicon	28-1	499688	449744	435597	461676	7.29	cps
Silver	107-1	317	287	293	299	5.27	cps
Silver	109-1	203	157	187	182	12.98	cps
Sodium	23-2	23062	22681	23426	23056	1.61	cps
Strontium	86-1	440	437	473	450	4.51	cps
Strontium	88-1	343	413	467	408	15.17	cps
Sulfur	34-1	541563	542942	544693	543066	0.29	cps
Terbium	159-1	21098521	21213572	21068530	21126875	0.36	cps
Terbium	159-2	7274863	7346999	7329718	7317193	0.51	cps
Thallium	203-1	333	280	293	302	9.18	cps
Thallium	205-1	620	660	707	662	6.55	cps
Tin	118-1	4144	4107	4261	4171	1.92	cps
Titanium	47-1	730	850	740	773	8.61	cps
Uranium	238-1	90	93	107	97	9.13	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:15:46	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	7	0	8	107.84	cps
Ytterbium	172-1	137	90	133	120	21.70	cps
Ytterbium	172-2	33	53	67	51	32.83	cps
Ytterbium	176-1	2827	2617	2680	2708	3.98	cps
Ytterbium	176-2	707	833	860	800	10.24	cps
Yttrium	89-1	31532546	31768105	31513600	31604750	0.45	cps
Yttrium	89-2	2271313	2274892	2271163	2272456	0.09	cps
Zinc	66-2	333	343	340	339	1.50	cps
Zirconium	90-1	1510	1487	1463	1487	1.57	cps
Zirconium	91-1	243	253	307	268	12.71	cps

LB Number : LB135757 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired : 2025-05-13 16:19:45 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6958643	7052878	7080855	7030792	0.91	cps
Antimony	121-1	27137	27090	27651	27293	1.14	cps
Arsenic	75-2	153	113	163	143	18.46	cps
Barium	135-1	8563	9170	8793	8842	3.47	cps
Barium	137-1	15132	15402	15199	15244	0.92	cps
Beryllium	9-1	1734	1706	1695	1712	1.16	cps
Bismuth	209-1	10883632	11131614	11314590	11109945	1.95	cps
Bismuth	209-2	4990588	4875316	4934371	4933425	1.17	cps
Bromine	81-1	29140	30754	30737	30210	3.07	cps
Cadmium	108-1	6965	6885	6465	6772	3.97	cps
Cadmium	106-1	9844	9650	10154	9882	2.57	cps
Cadmium	111-1	9964	9955	10671	10197	4.03	cps
Calcium	43-1	7560519	7678146	7589951	7609539	0.80	cps
Calcium	44-1	123568035	122475135	125200335	123747835	1.11	cps
Carbon	12-1	47125459	48118306	48619731	47954499	1.59	cps
Carbon	12-2	320843	316649	318369	318621	0.66	cps
Chlorine	35-1	103679092	109410988	112170735	108420272	4.00	cps
Chlorine	35-2	437184	438026	442730	439314	0.68	cps
Chromium	52-2	94104	93073	95302	94160	1.18	cps
Cobalt	59-2	10621	10371	10397	10463	1.31	cps
Copper	63-2	53483	54297	55585	54455	1.95	cps
Dysprosium	156-1	150	180	150	160	10.83	cps
Dysprosium	156-2	43	47	47	46	4.23	cps
Erbium	164-1	227	247	267	247	8.11	cps
Erbium	164-2	87	77	70	78	10.79	cps
Gadolinium	160-1	217	217	240	224	6.00	cps
Gadolinium	160-2	60	70	67	66	7.77	cps
Holmium	165-1	19697810	19893886	19792763	19794820	0.50	cps
Holmium	165-2	7327761	7324695	7194858	7282438	1.04	cps
Indium	115-1	16059219	16359418	16507308	16308649	1.40	cps
Indium	115-2	1654560	1641506	1666392	1654153	0.75	cps
Iron	54-2	19113576	19145731	19454916	19238075	0.98	cps
Iron	56-2	352832261	356329595	361383888	356848581	1.20	cps
Iron	57-2	8879950	9040827	9038187	8986321	1.03	cps
Krypton	83-1	333	337	317	329	3.26	cps
Lead	206-1	78382	80404	79240	79342	1.28	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:19:45	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	62339	62614	61508	62154	0.93	cps
Lead	208-1	294279	298593	296740	296537	0.73	cps
Lithium	6-1	5489208	5318913	5416288	5408136	1.58	cps
Magnesium	24-2	25361532	25182220	25871412	25471721	1.40	cps
Manganese	55-2	16920	16533	16590	16681	1.25	cps
Molybdenum	94-1	14224200	14543713	14313051	14360321	1.15	cps
Molybdenum	95-1	25330696	25540920	25170090	25347235	0.73	cps
Molybdenum	96-1	27185336	27146252	27296175	27209254	0.29	cps
Molybdenum	97-1	15596854	15729291	15921081	15749075	1.04	cps
Molybdenum	98-1	39866136	41350163	41066254	40760851	1.93	cps
Neodymium	150-1	123	133	87	114	21.47	cps
Neodymium	150-2	20	27	30	26	19.92	cps
Nickel	60-2	13250	13787	13863	13633	2.45	cps
Phosphorus	31-2	378629	381908	380650	380396	0.43	cps
Potassium	39-2	16925240	16867504	16842158	16878300	0.25	cps
Rhodium	103-1	14586174	14625450	14769001	14660208	0.66	cps
Rhodium	103-2	5796824	5814590	5809093	5806836	0.16	cps
Scandium	45-1	10597035	10530538	10580221	10569265	0.33	cps
Scandium	45-2	185444	185059	185271	185258	0.10	cps
Selenium	82-1	13	-7	53	20	152.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	17	20	21	24.12	cps
Silicon	28-1	776992	779279	774595	776955	0.30	cps
Silver	107-1	1533	1560	1443	1512	4.04	cps
Silver	109-1	1487	1293	1387	1389	6.96	cps
Sodium	23-2	53998646	53332304	53502319	53611090	0.65	cps
Strontium	86-1	266354	272755	271873	270327	1.28	cps
Strontium	88-1	2483838	2559249	2482853	2508647	1.75	cps
Sulfur	34-1	9764162	9550888	9633639	9649563	1.11	cps
Terbium	159-1	20354619	20477121	20862183	20564641	1.29	cps
Terbium	159-2	7016791	6929855	7032284	6992977	0.79	cps
Thallium	203-1	1273	1827	2257	1786	27.61	cps
Thallium	205-1	2960	4281	5278	4173	27.86	cps
Tin	118-1	10391	9957	8990	9779	7.33	cps
Titanium	47-1	7073924	7108754	7160099	7114259	0.61	cps
Uranium	238-1	1133	1170	1213	1172	3.42	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:19:45	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	537	590	547	558	5.08	cps
Ytterbium	172-1	123	173	167	154	17.58	cps
Ytterbium	172-2	83	50	70	68	24.75	cps
Ytterbium	176-1	2590	2497	2634	2574	2.71	cps
Ytterbium	176-2	687	667	717	690	3.65	cps
Yttrium	89-1	30710034	30023895	30533012	30422314	1.17	cps
Yttrium	89-2	2177861	2190228	2159100	2175730	0.72	cps
Zinc	66-2	9733	9467	9547	9582	1.43	cps
Zirconium	90-1	2214	2397	2794	2468	12.02	cps
Zirconium	91-1	463	523	527	504	7.07	cps

LB Number : LB135757 Operator : Jaswal
 Lab Sample ID : ICSAB1 Instrumnet Name : P8
 Client Sample ID : ICSAB1 Dilution Factor : 1
 Date & Time Acquired : 2025-05-13 16:29:03 DataFile Name : 023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6744900	6720756	6897753	6787803	1.41	cps
Antimony	121-1	510353	515955	510895	512401	0.60	cps
Arsenic	75-2	9400	9487	9740	9542	1.85	cps
Barium	135-1	125818	124751	123547	124706	0.91	cps
Barium	137-1	216183	217344	217659	217062	0.36	cps
Beryllium	9-1	110561	112111	109637	110770	1.13	cps
Bismuth	209-1	11042705	11217942	10947992	11069546	1.24	cps
Bismuth	209-2	4915803	4830985	4863745	4870178	0.88	cps
Bromine	81-1	32909	33483	31485	32626	3.15	cps
Cadmium	108-1	13904	14127	14127	14053	0.92	cps
Cadmium	106-1	19975	20879	20318	20391	2.24	cps
Cadmium	111-1	126501	128652	125861	127005	1.15	cps
Calcium	43-1	7558270	7673439	7631772	7621160	0.77	cps
Calcium	44-1	122458978	124516551	123871721	123615750	0.85	cps
Carbon	12-1	46601991	47740124	47797319	47379812	1.42	cps
Carbon	12-2	309829	312008	307844	309894	0.67	cps
Chlorine	35-1	106841242	111998445	113442138	110760608	3.13	cps
Chlorine	35-2	429104	428715	432042	429954	0.42	cps
Chromium	52-2	183204	179944	183283	182144	1.05	cps
Cobalt	59-2	185573	185267	185800	185546	0.14	cps
Copper	63-2	189912	186302	189386	188533	1.03	cps
Dysprosium	156-1	190	160	157	169	10.87	cps
Dysprosium	156-2	33	43	33	37	15.75	cps
Erbium	164-1	213	217	170	200	13.02	cps
Erbium	164-2	63	87	43	64	33.66	cps
Gadolinium	160-1	197	227	227	217	7.99	cps
Gadolinium	160-2	53	83	73	70	21.82	cps
Holmium	165-1	19977911	20302513	19552902	19944442	1.88	cps
Holmium	165-2	7210041	7170309	7261707	7214019	0.64	cps
Indium	115-1	16946350	16913505	16529887	16796581	1.38	cps
Indium	115-2	1715775	1706332	1695601	1705902	0.59	cps
Iron	54-2	18709131	18405318	18634078	18582842	0.85	cps
Iron	56-2	344630835	344213995	344258155	344367662	0.07	cps
Iron	57-2	8691040	8836709	8838367	8788705	0.96	cps
Krypton	83-1	287	333	277	299	10.12	cps
Lead	206-1	401175	412705	398158	404012	1.90	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICSAB1	Instrumnet Name :	P8
Client Sample ID :	ICSAB1	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:29:03	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	337853	338085	338302	338080	0.07	cps
Lead	208-1	1552929	1583876	1556355	1564386	1.08	cps
Lithium	6-1	5255070	5148211	5269886	5224389	1.27	cps
Magnesium	24-2	24543800	24374132	25121288	24679740	1.59	cps
Manganese	55-2	53921	53536	53155	53538	0.72	cps
Molybdenum	94-1	14248091	14301179	14053339	14200869	0.92	cps
Molybdenum	95-1	25101173	25437502	24775345	25104673	1.32	cps
Molybdenum	96-1	26760825	27313165	26335211	26803067	1.83	cps
Molybdenum	97-1	15355787	15821099	15306967	15494618	1.83	cps
Molybdenum	98-1	40258064	40889011	40002393	40383156	1.13	cps
Neodymium	150-1	127	130	143	133	6.62	cps
Neodymium	150-2	20	33	40	31	32.73	cps
Nickel	60-2	59520	60418	59915	59951	0.75	cps
Phosphorus	31-2	362068	363640	365463	363724	0.47	cps
Potassium	39-2	16129842	16135720	16289809	16185124	0.56	cps
Rhodium	103-1	15081042	15462530	15054018	15199197	1.50	cps
Rhodium	103-2	5895645	5940557	5923037	5919746	0.38	cps
Scandium	45-1	10996856	10992434	10842558	10943949	0.80	cps
Scandium	45-2	189648	187675	188304	188542	0.53	cps
Selenium	82-1	7542	7702	7596	7613	1.07	cps
Selenium	77-2	140	97	130	122	18.56	cps
Selenium	78-2	437	423	460	440	4.22	cps
Silicon	28-1	808636	820458	800995	810030	1.21	cps
Silver	107-1	564934	577810	566954	569899	1.22	cps
Silver	109-1	540128	545567	547026	544240	0.67	cps
Sodium	23-2	51744604	51899261	53028281	52224049	1.34	cps
Strontium	86-1	267997	272179	266770	268982	1.05	cps
Strontium	88-1	2491314	2500142	2453467	2481641	1.00	cps
Sulfur	34-1	9548602	9610265	9602973	9587280	0.35	cps
Terbium	159-1	20937306	20935909	20633858	20835691	0.84	cps
Terbium	159-2	7013196	7019766	6924125	6985696	0.76	cps
Thallium	203-1	412803	411439	416651	413631	0.65	cps
Thallium	205-1	979260	984339	986510	983370	0.38	cps
Tin	118-1	8143	7932	7936	8004	1.50	cps
Titanium	47-1	7161886	7095646	6972812	7076781	1.36	cps
Uranium	238-1	1840	1820	2044	1901	6.50	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	ICSAB1	Instrumnet Name :	P8
Client Sample ID :	ICSAB1	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:29:03	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	70178	69444	69665	69762	0.54	cps
Ytterbium	172-1	107	153	183	148	26.14	cps
Ytterbium	172-2	60	73	60	64	11.94	cps
Ytterbium	176-1	2620	2494	2607	2574	2.70	cps
Ytterbium	176-2	703	753	697	718	4.31	cps
Yttrium	89-1	31339279	31762757	31278903	31460313	0.84	cps
Yttrium	89-2	2239502	2185218	2225319	2216680	1.27	cps
Zinc	66-2	23767	23146	23473	23462	1.32	cps
Zirconium	90-1	2087	2077	2177	2114	2.61	cps
Zirconium	91-1	510	570	567	549	6.14	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:32:52	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3581755	3726994	3604069	3637606	2.15	cps
Antimony	121-1	12125837	12159351	12287209	12190799	0.70	cps
Arsenic	75-2	230560	229972	229019	229850	0.34	cps
Barium	135-1	14411172	14426768	14612168	14483369	0.77	cps
Barium	137-1	24868295	24995511	25136086	24999964	0.54	cps
Beryllium	9-1	2408699	2488194	2512421	2469771	2.20	cps
Bismuth	209-1	10281208	10297547	10525574	10368110	1.32	cps
Bismuth	209-2	4629200	4584080	4579488	4597589	0.60	cps
Bromine	81-1	28916	28796	28198	28637	1.34	cps
Cadmium	108-1	219843	227754	225742	224446	1.83	cps
Cadmium	106-1	325287	332139	331426	329617	1.14	cps
Cadmium	111-1	2944854	2995446	2984267	2974856	0.89	cps
Calcium	43-1	18484852	18388358	18743672	18538961	0.99	cps
Calcium	44-1	302713822	300266876	309664875	304215191	1.60	cps
Carbon	12-1	4159511	4174543	4206350	4180134	0.57	cps
Carbon	12-2	31721	31567	30976	31421	1.25	cps
Chlorine	35-1	3583183	3389068	3203368	3391873	5.60	cps
Chlorine	35-2	10611	10521	9707	10279	4.84	cps
Chromium	52-2	2326092	2325874	2338929	2330298	0.32	cps
Cobalt	59-2	4245153	4282716	4266264	4264711	0.44	cps
Copper	63-2	32660932	32511188	32191636	32454585	0.74	cps
Dysprosium	156-1	720	747	750	739	2.23	cps
Dysprosium	156-2	173	173	140	162	11.87	cps
Erbium	164-1	720	710	710	713	0.81	cps
Erbium	164-2	267	253	253	258	2.99	cps
Gadolinium	160-1	520	617	543	560	9.01	cps
Gadolinium	160-2	213	200	147	187	18.90	cps
Holmium	165-1	18515273	18937876	18447006	18633385	1.43	cps
Holmium	165-2	6980070	6963686	6842771	6928842	1.08	cps
Indium	115-1	15269721	15123057	15390208	15260995	0.88	cps
Indium	115-2	1465807	1484714	1464283	1471602	0.77	cps
Iron	54-2	22922818	22923563	22853707	22900029	0.18	cps
Iron	56-2	426721247	422008114	427214100	425314487	0.68	cps
Iron	57-2	10687797	10597566	10815024	10700129	1.02	cps
Krypton	83-1	310	373	307	330	11.38	cps
Lead	206-1	40281351	41658740	41390208	41110100	1.78	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:32:52	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	34466515	35275239	35185490	34975748	1.27	cps
Lead	208-1	159645643	162895468	164951603	162497571	1.65	cps
Lithium	6-1	4880634	4896848	4980650	4919377	1.09	cps
Magnesium	24-2	64221794	63459841	63263096	63648243	0.80	cps
Manganese	55-2	9539054	9569229	9702855	9603713	0.91	cps
Molybdenum	94-1	41807882	42597774	44110951	42838869	2.73	cps
Molybdenum	95-1	60838259	61586652	63017432	61814115	1.79	cps
Molybdenum	96-1	66122369	67309506	68646304	67359393	1.87	cps
Molybdenum	97-1	37918927	38170377	38991299	38360201	1.46	cps
Molybdenum	98-1	98620235	99059662	100489632	99389843	0.98	cps
Neodymium	150-1	1157	1277	1323	1252	6.87	cps
Neodymium	150-2	93	103	93	97	5.97	cps
Nickel	60-2	1103903	1103784	1106317	1104668	0.13	cps
Phosphorus	31-2	36162	35604	35066	35610	1.54	cps
Potassium	39-2	20351825	20744423	20487456	20527901	0.97	cps
Rhodium	103-1	13692212	13633610	13715187	13680337	0.31	cps
Rhodium	103-2	5463378	5519335	5456464	5479726	0.63	cps
Scandium	45-1	10156569	10114760	10399230	10223520	1.50	cps
Scandium	45-2	178331	181177	181431	180313	0.95	cps
Selenium	82-1	173955	175235	174097	174429	0.40	cps
Selenium	77-2	2867	2817	2740	2808	2.27	cps
Selenium	78-2	9967	9620	9530	9706	2.38	cps
Silicon	28-1	54919881	53995469	55621831	54845727	1.49	cps
Silver	107-1	14418149	14634322	14454888	14502453	0.80	cps
Silver	109-1	13876435	13740032	13868623	13828363	0.55	cps
Sodium	23-2	127878871	126661765	125857235	126799290	0.80	cps
Strontium	86-1	4006626	4014498	3976882	3999335	0.50	cps
Strontium	88-1	34196241	35047044	35521119	34921468	1.92	cps
Sulfur	34-1	1418020	1372678	1403726	1398141	1.66	cps
Terbium	159-1	19812349	19577026	19773691	19721022	0.64	cps
Terbium	159-2	6703153	6709084	6634977	6682405	0.62	cps
Thallium	203-1	9888188	10185853	10138787	10070943	1.59	cps
Thallium	205-1	23775990	24006810	24389740	24057513	1.29	cps
Tin	118-1	9785620	9789720	9948751	9841364	0.95	cps
Titanium	47-1	16606632	16839414	17035706	16827251	1.28	cps
Uranium	238-1	30914724	31688401	32450688	31684604	2.42	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:32:52	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1773250	1748789	1805224	1775755	1.59	cps
Ytterbium	172-1	937	877	993	936	6.24	cps
Ytterbium	172-2	350	397	413	387	8.49	cps
Ytterbium	176-1	50486	52634	51741	51620	2.09	cps
Ytterbium	176-2	19438	18730	19655	19274	2.51	cps
Yttrium	89-1	28991962	29270343	29214655	29158987	0.51	cps
Yttrium	89-2	2060470	2126207	2009355	2065344	2.84	cps
Zinc	66-2	3634685	3642723	3674978	3650795	0.58	cps
Zirconium	90-1	21153184	21503143	21812994	21489774	1.54	cps
Zirconium	91-1	4747710	4872848	4842133	4820897	1.35	cps

LB Number : LB135757 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P8
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired : 2025-05-13 16:40:54 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	537	610	640	596	8.93	cps
Antimony	121-1	750	697	623	690	9.22	cps
Arsenic	75-2	7	3	3	4	43.40	cps
Barium	135-1	183	167	193	181	7.44	cps
Barium	137-1	310	383	343	346	10.62	cps
Beryllium	9-1	146	132	160	146	9.40	cps
Bismuth	209-1	12355634	12322662	12195641	12291312	0.69	cps
Bismuth	209-2	5368495	5409199	5412116	5396603	0.45	cps
Bromine	81-1	28462	28315	29027	28601	1.31	cps
Cadmium	108-1	50	47	20	39	42.28	cps
Cadmium	106-1	11031	10698	9974	10567	5.12	cps
Cadmium	111-1	7757	7506	7008	7423	5.14	cps
Calcium	43-1	1027	940	840	936	9.99	cps
Calcium	44-1	26211	26692	26312	26405	0.96	cps
Carbon	12-1	3755550	3651275	3631469	3679432	1.81	cps
Carbon	12-2	23549	23302	23702	23518	0.86	cps
Chlorine	35-1	845282	822673	795869	821275	3.01	cps
Chlorine	35-2	2630	2737	2640	2669	2.21	cps
Chromium	52-2	1060	1080	1147	1096	4.14	cps
Cobalt	59-2	150	153	143	149	3.42	cps
Copper	63-2	1533	1467	1493	1498	2.24	cps
Dysprosium	156-1	60	27	57	48	38.42	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	130	197	140	156	23.11	cps
Erbium	164-2	43	60	60	54	17.68	cps
Gadolinium	160-1	157	97	153	136	24.88	cps
Gadolinium	160-2	17	17	30	21	36.45	cps
Holmium	165-1	20347786	20385436	20170388	20301203	0.57	cps
Holmium	165-2	7426843	7445296	7295343	7389161	1.11	cps
Indium	115-1	17563356	17528696	17230979	17441010	1.05	cps
Indium	115-2	1800444	1850666	1796084	1815731	1.67	cps
Iron	54-2	660	700	730	697	5.04	cps
Iron	56-2	9103	8950	8879	8977	1.27	cps
Iron	57-2	203	267	250	240	13.68	cps
Krypton	83-1	223	283	267	258	12.01	cps
Lead	206-1	1437	1440	1390	1422	1.97	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:40:54	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1343	1193	1190	1242	7.05	cps
Lead	208-1	5731	5901	5507	5713	3.45	cps
Lithium	6-1	5646294	5627722	5610246	5628087	0.32	cps
Magnesium	24-2	807	737	653	732	10.48	cps
Manganese	55-2	2057	2020	2003	2027	1.35	cps
Molybdenum	94-1	1060	983	977	1007	4.60	cps
Molybdenum	95-1	517	550	520	529	3.47	cps
Molybdenum	96-1	830	813	693	779	9.57	cps
Molybdenum	97-1	353	300	307	320	9.08	cps
Molybdenum	98-1	867	700	813	793	10.73	cps
Neodymium	150-1	20	33	57	37	50.62	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	253	233	237	241	4.44	cps
Phosphorus	31-2	90	83	110	94	14.70	cps
Potassium	39-2	13410	13426	13823	13553	1.73	cps
Rhodium	103-1	16575554	16439719	16645123	16553465	0.63	cps
Rhodium	103-2	6418594	6465116	6419784	6434498	0.41	cps
Scandium	45-1	11335864	11208962	11264568	11269798	0.56	cps
Scandium	45-2	191320	191924	190019	191088	0.51	cps
Selenium	82-1	-17	33	17	11	229.16	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	10	10	27	16	61.87	cps
Silicon	28-1	438149	436853	431019	435340	0.87	cps
Silver	107-1	590	527	510	542	7.78	cps
Silver	109-1	340	443	380	388	13.44	cps
Sodium	23-2	32630	32613	32282	32508	0.60	cps
Strontium	86-1	500	503	467	490	4.14	cps
Strontium	88-1	560	577	577	571	1.68	cps
Sulfur	34-1	534693	531195	530919	532269	0.40	cps
Terbium	159-1	20997632	21425468	21385069	21269390	1.11	cps
Terbium	159-2	7079329	7225957	7198347	7167877	1.09	cps
Thallium	203-1	593	587	583	588	0.87	cps
Thallium	205-1	1540	1633	1537	1570	3.50	cps
Tin	118-1	4781	4454	4531	4589	3.72	cps
Titanium	47-1	577	600	440	539	16.04	cps
Uranium	238-1	217	137	240	198	27.40	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:40:54	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	27	30	26	19.92	cps
Ytterbium	172-1	130	140	70	113	33.41	cps
Ytterbium	172-2	60	67	73	67	10.00	cps
Ytterbium	176-1	2704	2857	2697	2753	3.29	cps
Ytterbium	176-2	810	740	770	773	4.54	cps
Yttrium	89-1	31142195	32106483	32393551	31880743	2.06	cps
Yttrium	89-2	2217712	2204794	2225203	2215903	0.47	cps
Zinc	66-2	417	427	383	409	5.55	cps
Zirconium	90-1	2174	2147	2244	2188	2.28	cps
Zirconium	91-1	430	440	407	426	4.02	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:52:01	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1720	1817	1813	1783	3.08	cps
Antimony	121-1	54240	55087	54060	54462	1.01	cps
Arsenic	75-2	553	543	587	561	4.04	cps
Barium	135-1	65310	64931	65286	65176	0.33	cps
Barium	137-1	113040	112902	115235	113726	1.15	cps
Beryllium	9-1	6438	6584	6427	6483	1.36	cps
Bismuth	209-1	12375628	12121802	12050894	12182775	1.40	cps
Bismuth	209-2	5395184	5335419	5384934	5371846	0.59	cps
Bromine	81-1	28686	29284	29107	29026	1.06	cps
Cadmium	108-1	557	560	620	579	6.16	cps
Cadmium	106-1	11668	10854	11345	11289	3.63	cps
Cadmium	111-1	15040	14221	14739	14667	2.82	cps
Calcium	43-1	44525	44141	44733	44466	0.68	cps
Calcium	44-1	729432	739225	736095	734917	0.68	cps
Carbon	12-1	3653291	3574231	3597705	3608409	1.13	cps
Carbon	12-2	23829	23766	22895	23497	2.22	cps
Chlorine	35-1	369445	365174	359175	364598	1.42	cps
Chlorine	35-2	1260	1243	1113	1206	6.66	cps
Chromium	52-2	11391	11525	11668	11528	1.20	cps
Cobalt	59-2	11018	11011	10631	10886	2.03	cps
Copper	63-2	18175	18352	18228	18252	0.50	cps
Dysprosium	156-1	77	70	67	71	7.16	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	153	113	110	126	19.21	cps
Erbium	164-2	57	50	53	53	6.25	cps
Gadolinium	160-1	130	163	120	138	16.47	cps
Gadolinium	160-2	40	20	27	29	35.25	cps
Holmium	165-1	20295699	19197040	19819651	19770797	2.79	cps
Holmium	165-2	7382418	7449932	7422169	7418173	0.46	cps
Indium	115-1	17552512	17228826	17357340	17379559	0.94	cps
Indium	115-2	1825171	1804714	1779847	1803244	1.26	cps
Iron	54-2	11725	12022	12135	11961	1.77	cps
Iron	56-2	208238	209983	207422	208548	0.63	cps
Iron	57-2	5188	5204	5111	5168	0.96	cps
Krypton	83-1	247	323	250	273	15.85	cps
Lead	206-1	19295	19845	20139	19760	2.17	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:52:01	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	16751	17412	17455	17206	2.29	cps
Lead	208-1	78645	79024	79749	79140	0.71	cps
Lithium	6-1	5742073	5364100	5525506	5543893	3.42	cps
Magnesium	24-2	154907	153111	154944	154321	0.68	cps
Manganese	55-2	4114	4277	4174	4188	1.97	cps
Molybdenum	94-1	56079	57096	56926	56700	0.96	cps
Molybdenum	95-1	68082	68139	68846	68356	0.62	cps
Molybdenum	96-1	75990	77062	76003	76352	0.81	cps
Molybdenum	97-1	42762	41816	43013	42530	1.48	cps
Molybdenum	98-1	110012	110902	110946	110620	0.48	cps
Neodymium	150-1	33	30	37	33	10.01	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	3257	2997	3267	3174	4.82	cps
Phosphorus	31-2	223	247	207	226	8.91	cps
Potassium	39-2	104613	106422	104746	105260	0.96	cps
Rhodium	103-1	16837961	16031659	16115409	16328343	2.72	cps
Rhodium	103-2	6471469	6271483	6454754	6399235	1.73	cps
Scandium	45-1	11309212	10853547	10924212	11028990	2.22	cps
Scandium	45-2	192282	191502	192264	192016	0.23	cps
Selenium	82-1	2190	2150	2314	2218	3.84	cps
Selenium	77-2	60	40	33	44	31.23	cps
Selenium	78-2	133	87	143	121	24.97	cps
Silicon	28-1	548073	540081	545042	544399	0.74	cps
Silver	107-1	34343	34680	34908	34643	0.82	cps
Silver	109-1	32421	33237	33387	33015	1.57	cps
Sodium	23-2	327096	329264	329352	328571	0.39	cps
Strontium	86-1	9467	9507	9403	9459	0.55	cps
Strontium	88-1	77306	79689	79742	78912	1.76	cps
Sulfur	34-1	545651	551368	550069	549029	0.55	cps
Terbium	159-1	21088838	20756670	20529071	20791526	1.35	cps
Terbium	159-2	7238001	7139714	7248566	7208760	0.83	cps
Thallium	203-1	23511	24146	24009	23889	1.40	cps
Thallium	205-1	55866	55662	55863	55797	0.21	cps
Tin	118-1	114877	116604	113633	115038	1.30	cps
Titanium	47-1	19590	20114	20244	19983	1.73	cps
Uranium	238-1	71875	71976	72096	71982	0.15	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:52:01	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20398	20027	20118	20181	0.96	cps
Ytterbium	172-1	123	133	153	137	11.18	cps
Ytterbium	172-2	60	47	57	54	12.74	cps
Ytterbium	176-1	2750	2524	2780	2685	5.23	cps
Ytterbium	176-2	887	810	737	811	9.25	cps
Yttrium	89-1	31931917	30549363	31709767	31397016	2.36	cps
Yttrium	89-2	2232660	2263073	2232710	2242815	0.78	cps
Zinc	66-2	4707	5258	4924	4963	5.58	cps
Zirconium	90-1	48956	49206	50568	49577	1.75	cps
Zirconium	91-1	10748	11291	10984	11008	2.48	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1769-08	Instrumnet Name :	P8
Client Sample ID :	EB01-040925	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:55:26	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1693	1610	1687	1663	2.78	cps
Antimony	121-1	247	237	277	253	8.22	cps
Arsenic	75-2	20	10	10	13	43.30	cps
Barium	135-1	3110	3000	3204	3105	3.28	cps
Barium	137-1	5438	5468	5134	5347	3.45	cps
Beryllium	9-1	97	112	116	109	9.12	cps
Bismuth	209-1	12583876	12474367	12423317	12493853	0.66	cps
Bismuth	209-2	5495042	5363666	5437859	5432189	1.21	cps
Bromine	81-1	27357	27511	28252	27706	1.73	cps
Cadmium	108-1	50	50	40	47	12.37	cps
Cadmium	106-1	10160	10864	10531	10519	3.35	cps
Cadmium	111-1	7131	7607	7370	7369	3.23	cps
Calcium	43-1	1347	1483	1477	1436	5.37	cps
Calcium	44-1	35498	35364	35876	35579	0.75	cps
Carbon	12-1	4145800	4427777	4511758	4361778	4.39	cps
Carbon	12-2	30285	30762	31176	30741	1.45	cps
Chlorine	35-1	330135	329434	323419	327663	1.13	cps
Chlorine	35-2	1197	1027	1110	1111	7.65	cps
Chromium	52-2	1653	1573	1607	1611	2.49	cps
Cobalt	59-2	263	167	243	224	22.73	cps
Copper	63-2	2144	2077	2184	2135	2.52	cps
Dysprosium	156-1	393	393	390	392	0.49	cps
Dysprosium	156-2	120	127	163	137	17.08	cps
Erbium	164-1	400	373	427	400	6.67	cps
Erbium	164-2	160	150	133	148	9.11	cps
Gadolinium	160-1	403	447	460	437	6.79	cps
Gadolinium	160-2	183	127	190	167	20.88	cps
Holmium	165-1	20478993	20608823	20204347	20430721	1.01	cps
Holmium	165-2	7542032	7322331	7526239	7463534	1.64	cps
Indium	115-1	18164398	18129404	17995085	18096296	0.49	cps
Indium	115-2	1881962	1777303	1823348	1827538	2.87	cps
Iron	54-2	4284	4094	4227	4202	2.32	cps
Iron	56-2	73428	74061	72660	73383	0.96	cps
Iron	57-2	1963	1820	1780	1855	5.20	cps
Krypton	83-1	257	283	257	266	5.80	cps
Lead	206-1	3751	3587	3467	3602	3.95	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1769-08	Instrumnet Name :	P8
Client Sample ID :	EB01-040925	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:55:26	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3104	2977	3160	3080	3.05	cps
Lead	208-1	14620	14080	14360	14353	1.88	cps
Lithium	6-1	5856162	5662820	5804319	5774434	1.73	cps
Magnesium	24-2	1753	1740	1883	1792	4.42	cps
Manganese	55-2	2780	2664	2860	2768	3.57	cps
Molybdenum	94-1	533	570	707	603	15.14	cps
Molybdenum	95-1	257	210	197	221	14.25	cps
Molybdenum	96-1	417	347	323	362	13.41	cps
Molybdenum	97-1	157	157	117	143	16.11	cps
Molybdenum	98-1	387	347	413	382	8.78	cps
Neodymium	150-1	490	427	467	461	6.95	cps
Neodymium	150-2	130	123	143	132	7.70	cps
Nickel	60-2	2290	2034	2164	2162	5.94	cps
Phosphorus	31-2	83	87	100	90	9.80	cps
Potassium	39-2	14010	14481	14587	14359	2.14	cps
Rhodium	103-1	16786293	16985909	16979478	16917226	0.67	cps
Rhodium	103-2	6565775	6489287	6614083	6556382	0.96	cps
Scandium	45-1	11354277	11350952	11237424	11314218	0.59	cps
Scandium	45-2	195262	193850	192910	194007	0.61	cps
Selenium	82-1	50	-43	33	13	373.37	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	10	13	30	18	60.28	cps
Silicon	28-1	814037	811497	819796	815110	0.52	cps
Silver	107-1	1890	2004	1897	1930	3.30	cps
Silver	109-1	1623	1663	1683	1657	1.84	cps
Sodium	23-2	33455	33776	33699	33643	0.50	cps
Strontium	86-1	897	1090	1090	1026	10.88	cps
Strontium	88-1	5448	4858	5251	5185	5.80	cps
Sulfur	34-1	531304	532714	531903	531973	0.13	cps
Terbium	159-1	21774808	21467807	21576112	21606242	0.72	cps
Terbium	159-2	7345667	7194022	7207799	7249163	1.16	cps
Thallium	203-1	600	427	560	529	17.16	cps
Thallium	205-1	1527	1203	1100	1277	17.44	cps
Tin	118-1	4534	4521	4357	4471	2.20	cps
Titanium	47-1	1713	1743	1673	1710	2.05	cps
Uranium	238-1	403	337	363	368	9.12	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1769-08	Instrumnet Name :	P8
Client Sample ID :	EB01-040925	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:55:26	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	357	327	350	344	4.57	cps
Ytterbium	172-1	223	170	183	192	14.44	cps
Ytterbium	172-2	70	83	80	78	8.92	cps
Ytterbium	176-1	2770	2767	2590	2709	3.80	cps
Ytterbium	176-2	737	717	760	738	2.94	cps
Yttrium	89-1	32884984	32581275	32543465	32669908	0.57	cps
Yttrium	89-2	2265221	2274310	2272162	2270564	0.21	cps
Zinc	66-2	16326	16066	16076	16156	0.91	cps
Zirconium	90-1	1527	1353	1433	1438	6.03	cps
Zirconium	91-1	340	293	320	318	7.37	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:58:48	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5350035	5296851	5357446	5334777	0.62	cps
Antimony	121-1	8022	8096	7876	7998	1.40	cps
Arsenic	75-2	51571	51657	51233	51487	0.44	cps
Barium	135-1	2775709	2806687	2816941	2799779	0.77	cps
Barium	137-1	4835583	4770607	4856809	4821000	0.93	cps
Beryllium	9-1	19749	19912	19667	19776	0.63	cps
Bismuth	209-1	10825838	10662191	10743282	10743770	0.76	cps
Bismuth	209-2	4912117	4845985	4879101	4879068	0.68	cps
Bromine	81-1	41816	41625	42487	41976	1.08	cps
Cadmium	108-1	4591	4658	4681	4643	1.01	cps
Cadmium	106-1	35783	34710	35492	35328	1.57	cps
Cadmium	111-1	46861	46461	46617	46646	0.43	cps
Calcium	43-1	14891259	14871102	14890909	14884423	0.08	cps
Calcium	44-1	244352216	245386583	243135523	244291441	0.46	cps
Carbon	12-1	6165237	6350413	6416967	6310872	2.07	cps
Carbon	12-2	42822	42762	43100	42895	0.42	cps
Chlorine	35-1	1285895	1394772	1452475	1377714	6.14	cps
Chlorine	35-2	5731	5391	5624	5582	3.12	cps
Chromium	52-2	16550	16203	15669	16140	2.75	cps
Cobalt	59-2	2254575	2254658	2290321	2266518	0.91	cps
Copper	63-2	49540589	48546218	48242664	48776490	1.39	cps
Dysprosium	156-1	3776272	3837939	3881701	3831971	1.38	cps
Dysprosium	156-2	1262713	1256582	1263639	1260978	0.30	cps
Erbium	164-1	3269544	3296961	3301601	3289369	0.53	cps
Erbium	164-2	1093364	1101590	1101185	1098713	0.42	cps
Gadolinium	160-1	3580676	3605365	3701188	3629076	1.75	cps
Gadolinium	160-2	1471841	1485276	1479990	1479036	0.46	cps
Holmium	165-1	20988652	21058296	21407913	21151620	1.06	cps
Holmium	165-2	7936862	7982173	7934406	7951147	0.34	cps
Indium	115-1	16351716	16398227	16416423	16388789	0.20	cps
Indium	115-2	1739719	1708929	1696178	1714942	1.31	cps
Iron	54-2	122666878	122984538	123393038	123014818	0.30	cps
Iron	56-2	2257095593	2268972500	2247995593	2258021229	0.47	cps
Iron	57-2	57198934	57070991	57889816	57386580	0.77	cps
Krypton	83-1	4457	4604	4537	4533	1.62	cps
Lead	206-1	9434067	9380124	9684383	9499524	1.71	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:58:48	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7948820	7841505	8016278	7935534	1.11	cps
Lead	208-1	37433397	37112018	37504992	37350135	0.56	cps
Lithium	6-1	5340134	5309314	5174670	5274706	1.67	cps
Magnesium	24-2	8822825	8887516	8879155	8863165	0.40	cps
Manganese	55-2	13037405	13258950	13338039	13211465	1.18	cps
Molybdenum	94-1	650550	660523	657739	656271	0.78	cps
Molybdenum	95-1	66773	67288	67218	67093	0.42	cps
Molybdenum	96-1	208251	213465	210356	210691	1.24	cps
Molybdenum	97-1	41452	41522	42134	41702	0.90	cps
Molybdenum	98-1	104597	106982	106461	106013	1.18	cps
Neodymium	150-1	4607689	4615911	4635565	4619721	0.31	cps
Neodymium	150-2	1134929	1133944	1133393	1134088	0.07	cps
Nickel	60-2	40160	40190	40217	40189	0.07	cps
Phosphorus	31-2	238590	237985	237362	237979	0.26	cps
Potassium	39-2	5757003	5725995	5653144	5712047	0.93	cps
Rhodium	103-1	14534193	14572861	14772407	14626487	0.87	cps
Rhodium	103-2	5852676	5868533	5831812	5851007	0.31	cps
Scandium	45-1	12143477	12105359	12104447	12117761	0.18	cps
Scandium	45-2	206408	206388	205958	206251	0.12	cps
Selenium	82-1	6490	6190	6490	6390	2.71	cps
Selenium	77-2	5274	5725	5404	5468	4.24	cps
Selenium	78-2	3584	3327	3580	3497	4.21	cps
Silicon	28-1	329256228	323040435	324016329	325437664	1.03	cps
Silver	107-1	48642	48906	48836	48795	0.28	cps
Silver	109-1	44408	45368	45970	45248	1.74	cps
Sodium	23-2	1295516	1314742	1315503	1308587	0.87	cps
Strontium	86-1	964636	970837	970296	968590	0.35	cps
Strontium	88-1	8718707	8874736	8906609	8833350	1.14	cps
Sulfur	34-1	962633	963091	953512	959745	0.56	cps
Terbium	159-1	22074247	22056188	22214266	22114901	0.39	cps
Terbium	159-2	7683831	7610600	7702755	7665729	0.63	cps
Thallium	203-1	35278	35318	34934	35176	0.60	cps
Thallium	205-1	83906	83976	84244	84042	0.21	cps
Tin	118-1	118818	118812	118947	118859	0.06	cps
Titanium	47-1	17469986	17488442	17198004	17385478	0.94	cps
Uranium	238-1	414694	425408	426519	422207	1.55	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 16:58:48	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	224729	224328	223594	224217	0.26	cps
Ytterbium	172-1	751382	761382	767062	759942	1.04	cps
Ytterbium	172-2	332968	335629	336616	335071	0.56	cps
Ytterbium	176-1	467500	472887	474565	471651	0.78	cps
Ytterbium	176-2	212879	213708	212590	213059	0.27	cps
Yttrium	89-1	79484287	79982072	81448667	80305009	1.27	cps
Yttrium	89-2	5756130	5695770	5719241	5723713	0.53	cps
Zinc	66-2	1398701	1382161	1388650	1389837	0.60	cps
Zirconium	90-1	1762165	1781476	1794580	1779407	0.92	cps
Zirconium	91-1	372527	378236	379122	376629	0.95	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUP	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUP	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:01:48	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5493041	5437370	5525323	5485245	0.81	cps
Antimony	121-1	7942	8116	8009	8022	1.09	cps
Arsenic	75-2	53173	52129	52491	52598	1.01	cps
Barium	135-1	2936406	2958958	2852436	2915933	1.93	cps
Barium	137-1	4960117	4966725	4993333	4973391	0.35	cps
Beryllium	9-1	19925	20331	20069	20108	1.03	cps
Bismuth	209-1	10824646	10889260	10794371	10836092	0.45	cps
Bismuth	209-2	4933445	4923570	4845000	4900672	0.99	cps
Bromine	81-1	41124	42401	42491	42005	1.82	cps
Cadmium	108-1	4674	4738	4858	4756	1.96	cps
Cadmium	106-1	35185	36050	35743	35659	1.23	cps
Cadmium	111-1	47429	47937	46689	47352	1.32	cps
Calcium	43-1	15043765	15219822	15184077	15149222	0.61	cps
Calcium	44-1	243290123	248828903	246316176	246145067	1.13	cps
Carbon	12-1	6107338	6480251	6663321	6416970	4.42	cps
Carbon	12-2	43614	43387	44140	43714	0.88	cps
Chlorine	35-1	1371802	1464338	1503341	1446494	4.67	cps
Chlorine	35-2	5604	5705	5781	5697	1.56	cps
Chromium	52-2	15912	15432	16533	15959	3.46	cps
Cobalt	59-2	2354594	2299422	2294748	2316254	1.44	cps
Copper	63-2	48645536	48779786	48807566	48744296	0.18	cps
Dysprosium	156-1	3867999	3944296	3935179	3915825	1.06	cps
Dysprosium	156-2	1263787	1273896	1272918	1270200	0.44	cps
Erbium	164-1	3317161	3378422	3431619	3375734	1.70	cps
Erbium	164-2	1115440	1116755	1117884	1116693	0.11	cps
Gadolinium	160-1	3724947	3696614	3712412	3711324	0.38	cps
Gadolinium	160-2	1484777	1481137	1494679	1486864	0.47	cps
Holmium	165-1	21313971	21303593	21543418	21386994	0.63	cps
Holmium	165-2	7883018	7840071	7917744	7880278	0.49	cps
Indium	115-1	16700234	16306021	16313954	16440070	1.37	cps
Indium	115-2	1679598	1705556	1688919	1691358	0.78	cps
Iron	54-2	125287418	125312398	125281508	125293775	0.01	cps
Iron	56-2	2342202472	2342249085	2317216339	2333889299	0.62	cps
Iron	57-2	58770392	58697814	58448581	58638929	0.29	cps
Krypton	83-1	4657	4484	4634	4592	2.05	cps
Lead	206-1	9679445	9898579	9930587	9836204	1.39	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUP	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUP	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:01:48	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8153646	8228068	8359192	8246968	1.26	cps
Lead	208-1	38236463	38620136	38813085	38556561	0.76	cps
Lithium	6-1	5345361	5337641	5404957	5362653	0.69	cps
Magnesium	24-2	9112901	9239542	9163878	9172107	0.69	cps
Manganese	55-2	13563424	13446245	13364897	13458189	0.74	cps
Molybdenum	94-1	668694	677241	675376	673770	0.67	cps
Molybdenum	95-1	67486	68702	68588	68259	0.98	cps
Molybdenum	96-1	210797	215283	214987	213689	1.17	cps
Molybdenum	97-1	42003	41752	42445	42067	0.83	cps
Molybdenum	98-1	106027	108913	106569	107170	1.43	cps
Neodymium	150-1	4675853	4680615	4777172	4711213	1.21	cps
Neodymium	150-2	1133380	1138904	1136960	1136415	0.25	cps
Nickel	60-2	40173	40885	40300	40453	0.94	cps
Phosphorus	31-2	239313	238826	238886	239008	0.11	cps
Potassium	39-2	5657769	5838572	5678561	5724967	1.73	cps
Rhodium	103-1	14500199	14407083	14617995	14508426	0.73	cps
Rhodium	103-2	5770377	5773335	5709958	5751223	0.62	cps
Scandium	45-1	12117316	11965279	12052336	12044977	0.63	cps
Scandium	45-2	206188	206032	205423	205881	0.20	cps
Selenium	82-1	6230	6700	6230	6387	4.25	cps
Selenium	77-2	5598	5748	5534	5627	1.95	cps
Selenium	78-2	3544	3410	3450	3468	1.97	cps
Silicon	28-1	333656282	333885168	340240515	335927322	1.11	cps
Silver	107-1	48562	48926	51121	49536	2.79	cps
Silver	109-1	44766	45849	46732	45782	2.15	cps
Sodium	23-2	1344063	1355060	1332993	1344038	0.82	cps
Strontium	86-1	972666	988823	985507	982332	0.87	cps
Strontium	88-1	8930756	8957239	9019818	8969271	0.51	cps
Sulfur	34-1	942837	947879	953384	948034	0.56	cps
Terbium	159-1	22491531	22273125	22715357	22493337	0.98	cps
Terbium	159-2	7571366	7516857	7655053	7581092	0.92	cps
Thallium	203-1	35763	36180	36394	36112	0.89	cps
Thallium	205-1	84137	85556	87237	85643	1.81	cps
Tin	118-1	118173	125037	119630	120947	2.99	cps
Titanium	47-1	17798814	17866352	17723765	17796310	0.40	cps
Uranium	238-1	430716	441064	435982	435921	1.19	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUP	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUP	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:01:48	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	229068	230509	229771	229783	0.31	cps
Ytterbium	172-1	768617	788493	795197	784102	1.76	cps
Ytterbium	172-2	336689	338106	338214	337670	0.25	cps
Ytterbium	176-1	479136	487135	483987	483419	0.83	cps
Ytterbium	176-2	213952	214660	213796	214136	0.22	cps
Yttrium	89-1	81409154	80996114	81602590	81335953	0.38	cps
Yttrium	89-2	5820185	5684400	5687064	5730550	1.35	cps
Zinc	66-2	1404583	1397281	1406661	1402842	0.35	cps
Zirconium	90-1	1822029	1814231	1830361	1822207	0.44	cps
Zirconium	91-1	377510	383197	387058	382588	1.26	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066L	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:04:51	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1111032	1098605	1092488	1100708	0.86	cps
Antimony	121-1	2804	2574	2840	2739	5.28	cps
Arsenic	75-2	10210	10020	10484	10238	2.28	cps
Barium	135-1	541303	546318	541564	543062	0.52	cps
Barium	137-1	942403	954336	944580	947106	0.67	cps
Beryllium	9-1	4238	4239	4359	4278	1.63	cps
Bismuth	209-1	12008775	11734584	11897195	11880185	1.16	cps
Bismuth	209-2	5160717	5249123	5140848	5183563	1.11	cps
Bromine	81-1	30790	30266	30697	30585	0.91	cps
Cadmium	108-1	893	1033	977	968	7.28	cps
Cadmium	106-1	14978	15058	15569	15202	2.11	cps
Cadmium	111-1	14920	14978	15516	15138	2.17	cps
Calcium	43-1	3078287	3086613	3055058	3073319	0.53	cps
Calcium	44-1	50133488	50078138	50036506	50082710	0.10	cps
Carbon	12-1	4480769	4429172	4403279	4437740	0.89	cps
Carbon	12-2	28274	28381	28057	28237	0.58	cps
Chlorine	35-1	525961	537225	536346	533177	1.17	cps
Chlorine	35-2	1953	1757	1953	1888	6.02	cps
Chromium	52-2	4151	4064	4077	4097	1.14	cps
Cobalt	59-2	439293	441272	440753	440439	0.23	cps
Copper	63-2	10227175	10235515	10117048	10193246	0.65	cps
Dysprosium	156-1	722281	742473	736574	733776	1.41	cps
Dysprosium	156-2	249251	253628	249066	250648	1.03	cps
Erbium	164-1	622347	636679	628345	629124	1.14	cps
Erbium	164-2	219719	219801	219359	219626	0.11	cps
Gadolinium	160-1	696257	696358	699797	697471	0.29	cps
Gadolinium	160-2	290191	296094	294614	293633	1.05	cps
Holmium	165-1	20541346	20709561	20193364	20481424	1.29	cps
Holmium	165-2	7429207	7489424	7393816	7437482	0.65	cps
Indium	115-1	16984817	17189095	17370081	17181331	1.12	cps
Indium	115-2	1758154	1733212	1714720	1735362	1.26	cps
Iron	54-2	25000590	25270044	24902494	25057709	0.76	cps
Iron	56-2	461692940	463871246	464996473	463520220	0.36	cps
Iron	57-2	11894846	11807689	11724588	11809041	0.72	cps
Krypton	83-1	983	1137	1123	1081	7.86	cps
Lead	206-1	2068034	2076916	2119925	2088291	1.33	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066L	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:04:51	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1741736	1736721	1731797	1736751	0.29	cps
Lead	208-1	8171613	8120923	8209349	8167295	0.54	cps
Lithium	6-1	5412929	5591737	5609933	5538200	1.97	cps
Magnesium	24-2	1911727	1914735	1896562	1907675	0.51	cps
Manganese	55-2	2705632	2740358	2660132	2702041	1.49	cps
Molybdenum	94-1	129402	131777	131044	130741	0.93	cps
Molybdenum	95-1	13744	13323	13457	13508	1.59	cps
Molybdenum	96-1	41619	42324	41993	41979	0.84	cps
Molybdenum	97-1	8273	8616	8459	8449	2.04	cps
Molybdenum	98-1	20679	21427	21029	21045	1.78	cps
Neodymium	150-1	892789	910959	914705	906151	1.29	cps
Neodymium	150-2	222473	226794	227025	225431	1.14	cps
Nickel	60-2	8646	8693	8623	8654	0.41	cps
Phosphorus	31-2	49297	48598	48875	48923	0.72	cps
Potassium	39-2	1130391	1124138	1125709	1126746	0.29	cps
Rhodium	103-1	15584114	15607871	15646070	15612685	0.20	cps
Rhodium	103-2	6041881	6131425	6059296	6077534	0.78	cps
Scandium	45-1	11227881	11222057	11161553	11203830	0.33	cps
Scandium	45-2	191882	190454	188966	190434	0.77	cps
Selenium	82-1	1424	1184	1420	1342	10.25	cps
Selenium	77-2	1137	1123	1227	1162	4.84	cps
Selenium	78-2	723	730	767	740	3.15	cps
Silicon	28-1	67942136	67046396	68133354	67707295	0.86	cps
Silver	107-1	10334	10918	10918	10723	3.14	cps
Silver	109-1	9957	9860	10050	9956	0.95	cps
Sodium	23-2	292307	290129	291364	291267	0.38	cps
Strontium	86-1	195833	199549	197599	197660	0.94	cps
Strontium	88-1	1818524	1821402	1812969	1817632	0.24	cps
Sulfur	34-1	587381	592679	592311	590790	0.50	cps
Terbium	159-1	21176980	21302675	21346573	21275409	0.41	cps
Terbium	159-2	7183748	7131922	7140535	7152068	0.39	cps
Thallium	203-1	7806	7542	7806	7718	1.97	cps
Thallium	205-1	18470	18517	19204	18730	2.20	cps
Tin	118-1	27925	29035	27221	28061	3.26	cps
Titanium	47-1	3526932	3550161	3469193	3515429	1.19	cps
Uranium	238-1	89687	90341	91312	90447	0.90	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066L	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:04:51	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	44746	43559	43987	44098	1.36	cps
Ytterbium	172-1	156719	159180	160081	158660	1.10	cps
Ytterbium	172-2	66677	67075	67008	66920	0.32	cps
Ytterbium	176-1	99034	99925	99945	99634	0.52	cps
Ytterbium	176-2	42849	43063	43070	42994	0.29	cps
Yttrium	89-1	41580769	41478070	41956883	41671907	0.60	cps
Yttrium	89-2	2849491	2878007	2926897	2884798	1.36	cps
Zinc	66-2	288872	289150	289163	289062	0.06	cps
Zirconium	90-1	335351	339185	337185	337240	0.57	cps
Zirconium	91-1	74484	75332	75128	74981	0.59	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MS	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MS	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:07:59	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2599539	2615626	2583627	2599598	0.62	cps
Antimony	121-1	12116276	12171169	12131719	12139721	0.23	cps
Arsenic	75-2	22869	23209	22134	22737	2.42	cps
Barium	135-1	14191191	14525814	14725735	14480914	1.87	cps
Barium	137-1	25156086	24980769	25105659	25080838	0.36	cps
Beryllium	9-1	2557953	2516993	2580835	2551927	1.27	cps
Bismuth	209-1	11356279	11139685	11148539	11214834	1.09	cps
Bismuth	209-2	4945390	4849376	4870073	4888280	1.03	cps
Bromine	81-1	34740	35164	35515	35140	1.11	cps
Cadmium	108-1	215878	221912	219232	219007	1.38	cps
Cadmium	106-1	345892	350612	349534	348679	0.71	cps
Cadmium	111-1	2988923	2993859	3004966	2995916	0.27	cps
Calcium	43-1	11545519	11737682	11808166	11697122	1.16	cps
Calcium	44-1	188439744	189299191	192874864	190204599	1.24	cps
Carbon	12-1	5340789	5775400	5943793	5686661	5.47	cps
Carbon	12-2	40920	42180	41585	41562	1.52	cps
Chlorine	35-1	76579969	82380317	84466495	81142260	5.04	cps
Chlorine	35-2	328581	326611	329204	328132	0.41	cps
Chromium	52-2	2295166	2209646	2265561	2256791	1.92	cps
Cobalt	59-2	5237494	5184206	5236024	5219241	0.58	cps
Copper	63-2	59244447	59350401	58742321	59112390	0.55	cps
Dysprosium	156-1	2272240	2260330	2262604	2265058	0.28	cps
Dysprosium	156-2	708785	717409	715366	713854	0.63	cps
Erbium	164-1	1811056	1902928	1913553	1875846	3.00	cps
Erbium	164-2	614552	615222	609922	613232	0.47	cps
Gadolinium	160-1	2080931	2150516	2147543	2126330	1.85	cps
Gadolinium	160-2	835218	836556	830996	834257	0.35	cps
Holmium	165-1	21029903	21082759	20901853	21004838	0.44	cps
Holmium	165-2	7613960	7574726	7471267	7553318	0.98	cps
Indium	115-1	16865779	16225215	16286286	16459094	2.15	cps
Indium	115-2	1630038	1647894	1636357	1638096	0.55	cps
Iron	54-2	49363458	48820823	48625901	48936727	0.78	cps
Iron	56-2	895839267	897647480	890143373	894543373	0.44	cps
Iron	57-2	23022772	22601214	22644084	22756023	1.02	cps
Krypton	83-1	2574	2570	2680	2608	2.40	cps
Lead	206-1	47458699	48389571	47987481	47945250	0.97	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MS	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MS	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:07:59	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	42065286	41498521	41914009	41825939	0.70	cps
Lead	208-1	192086864	191082217	193346661	192171914	0.59	cps
Lithium	6-1	5306914	5320593	5250229	5292579	0.70	cps
Magnesium	24-2	16426837	16513066	16258866	16399589	0.79	cps
Manganese	55-2	15163791	14543689	14764873	14824118	2.12	cps
Molybdenum	94-1	20051025	20423027	20730781	20401611	1.67	cps
Molybdenum	95-1	21806889	22287517	22325403	22139936	1.31	cps
Molybdenum	96-1	24667875	25314635	25437662	25140057	1.64	cps
Molybdenum	97-1	13587182	13810354	13887941	13761826	1.13	cps
Molybdenum	98-1	35443429	35712188	36161265	35772294	1.01	cps
Neodymium	150-1	2761232	2733695	2762195	2752374	0.59	cps
Neodymium	150-2	640662	642036	640453	641050	0.13	cps
Nickel	60-2	1132659	1135349	1124903	1130970	0.48	cps
Phosphorus	31-2	149522	148912	144586	147673	1.82	cps
Potassium	39-2	6485429	6441741	6437389	6454853	0.41	cps
Rhodium	103-1	15343153	14900474	14986604	15076744	1.56	cps
Rhodium	103-2	5765564	5772828	5767122	5768504	0.07	cps
Scandium	45-1	11408100	11150942	11209678	11256240	1.20	cps
Scandium	45-2	190666	194683	192378	192576	1.05	cps
Selenium	82-1	180211	184125	180953	181763	1.14	cps
Selenium	77-2	6141	5945	5915	6000	2.05	cps
Selenium	78-2	11475	11491	11728	11565	1.23	cps
Silicon	28-1	148167388	149581484	150566401	149438424	0.81	cps
Silver	107-1	2572294	2624532	2596841	2597889	1.01	cps
Silver	109-1	2428736	2500060	2438557	2455784	1.57	cps
Sodium	23-2	26672672	26358734	26370659	26467355	0.67	cps
Strontium	86-1	5296364	5325212	5316227	5312601	0.28	cps
Strontium	88-1	46125563	46311151	46560861	46332525	0.47	cps
Sulfur	34-1	754350	757813	761413	757858	0.47	cps
Terbium	159-1	21874736	21752686	21784165	21803862	0.29	cps
Terbium	159-2	7226066	7409409	7240391	7291955	1.40	cps
Thallium	203-1	10004428	10327815	10221055	10184433	1.62	cps
Thallium	205-1	23932651	24086317	24432091	24150353	1.06	cps
Tin	118-1	8802642	8726152	8771727	8766841	0.44	cps
Titanium	47-1	6368889	6433287	6408578	6403585	0.51	cps
Uranium	238-1	32015572	32176326	32299279	32163726	0.44	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MS	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MS	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:07:59	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1886500	1867774	1872976	1875750	0.52	cps
Ytterbium	172-1	393790	399107	402665	398520	1.12	cps
Ytterbium	172-2	169199	170495	168301	169332	0.65	cps
Ytterbium	176-1	292466	293830	295274	293856	0.48	cps
Ytterbium	176-2	124850	125028	125039	124972	0.08	cps
Yttrium	89-1	59930247	58550799	59138076	59206374	1.17	cps
Yttrium	89-2	4126534	4156714	4076828	4120025	0.98	cps
Zinc	66-2	4474107	4452339	4413254	4446567	0.69	cps
Zirconium	90-1	21714063	21906796	22104915	21908591	0.89	cps
Zirconium	91-1	4765758	4906763	4870974	4847832	1.51	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSD	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSD	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:10:44	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3175574	3178009	3126506	3160030	0.92	cps
Antimony	121-1	12050615	12389317	12344056	12261329	1.50	cps
Arsenic	75-2	27153	26522	26969	26881	1.21	cps
Barium	135-1	14725824	15047039	15130918	14967927	1.43	cps
Barium	137-1	25738026	25631077	26348920	25906008	1.49	cps
Beryllium	9-1	2553845	2572109	2622618	2582857	1.38	cps
Bismuth	209-1	10931086	11228281	11330753	11163373	1.86	cps
Bismuth	209-2	4825072	4776385	4878706	4826721	1.06	cps
Bromine	81-1	34292	35114	36023	35143	2.46	cps
Cadmium	108-1	219443	218406	222207	220019	0.89	cps
Cadmium	106-1	342982	348933	352898	348271	1.43	cps
Cadmium	111-1	2987677	3098792	3037551	3041340	1.83	cps
Calcium	43-1	12066860	12080702	12126058	12091207	0.26	cps
Calcium	44-1	197643384	196735630	196553484	196977499	0.30	cps
Carbon	12-1	5932692	6373060	6617333	6307695	5.50	cps
Carbon	12-2	43872	44564	44587	44341	0.92	cps
Chlorine	35-1	82188360	86361232	89172352	85907315	4.09	cps
Chlorine	35-2	333793	330642	337269	333901	0.99	cps
Chromium	52-2	2280340	2242359	2272383	2265028	0.88	cps
Cobalt	59-2	5347886	5321292	5305137	5324772	0.41	cps
Copper	63-2	60188679	61194574	61578674	60987309	1.18	cps
Dysprosium	156-1	2162565	2163294	2182831	2169563	0.53	cps
Dysprosium	156-2	683532	673292	683236	680020	0.86	cps
Erbium	164-1	1759754	1827092	1845517	1810788	2.49	cps
Erbium	164-2	585914	578351	586336	583533	0.77	cps
Gadolinium	160-1	1961702	2037358	2025976	2008346	2.03	cps
Gadolinium	160-2	795948	796627	797295	796623	0.08	cps
Holmium	165-1	20591541	21014328	20814395	20806754	1.02	cps
Holmium	165-2	7484696	7511073	7518518	7504762	0.24	cps
Indium	115-1	16375355	16298506	16573852	16415904	0.87	cps
Indium	115-2	1656723	1616331	1671244	1648099	1.73	cps
Iron	54-2	53528269	51854504	53168449	52850408	1.67	cps
Iron	56-2	989447025	965595399	983479265	979507230	1.27	cps
Iron	57-2	24826870	25159004	24707158	24897677	0.94	cps
Krypton	83-1	2590	2627	2517	2578	2.17	cps
Lead	206-1	46163936	47149933	47812316	47042062	1.76	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSD	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSD	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:10:44	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	40118561	40384914	40249416	40250964	0.33	cps
Lead	208-1	185638962	187005275	187883841	186842692	0.61	cps
Lithium	6-1	5423153	5488362	5574219	5495245	1.38	cps
Magnesium	24-2	16707482	16677991	16691513	16692329	0.09	cps
Manganese	55-2	14776121	14463195	14645608	14628308	1.07	cps
Molybdenum	94-1	20390256	20800530	20719410	20636732	1.05	cps
Molybdenum	95-1	21902799	22466446	22387436	22252227	1.37	cps
Molybdenum	96-1	25151950	25668580	25604509	25475013	1.11	cps
Molybdenum	97-1	13791241	13760021	14003346	13851536	0.96	cps
Molybdenum	98-1	35832329	35870474	36177249	35960017	0.53	cps
Neodymium	150-1	2596261	2601005	2639475	2612247	0.91	cps
Neodymium	150-2	603176	601223	608190	604196	0.59	cps
Nickel	60-2	1141409	1144090	1141677	1142392	0.13	cps
Phosphorus	31-2	139897	141038	140955	140630	0.45	cps
Potassium	39-2	7358952	7432523	7532549	7441341	1.17	cps
Rhodium	103-1	15178121	14867211	14951637	14998990	1.07	cps
Rhodium	103-2	5897728	5861444	5802670	5853947	0.82	cps
Scandium	45-1	11258084	11194380	11288707	11247057	0.43	cps
Scandium	45-2	189844	190382	189169	189798	0.32	cps
Selenium	82-1	180415	181444	183705	181855	0.93	cps
Selenium	77-2	5911	5688	5888	5829	2.11	cps
Selenium	78-2	11508	11425	11748	11560	1.45	cps
Silicon	28-1	118344385	118083518	119087882	118505262	0.44	cps
Silver	107-1	2551256	2646502	2646539	2614766	2.10	cps
Silver	109-1	2429774	2489335	2507125	2475411	1.64	cps
Sodium	23-2	26467209	26673515	26129024	26423249	1.04	cps
Strontium	86-1	5818727	5822148	5769634	5803503	0.51	cps
Strontium	88-1	50398986	50741783	50347119	50495963	0.42	cps
Sulfur	34-1	841988	849375	852343	847902	0.63	cps
Terbium	159-1	21185756	21518759	21823911	21509475	1.48	cps
Terbium	159-2	7361799	7254789	7298513	7305034	0.74	cps
Thallium	203-1	9939477	10343218	10184934	10155876	2.00	cps
Thallium	205-1	23476360	24185201	24758002	24139855	2.66	cps
Tin	118-1	9032663	8950281	8987017	8989987	0.46	cps
Titanium	47-1	8648134	8899874	9004351	8850787	2.07	cps
Uranium	238-1	31755835	31531240	31775476	31687517	0.43	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSD	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSD	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:10:44	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1920444	1852725	1905370	1892846	1.88	cps
Ytterbium	172-1	375551	377749	379522	377607	0.53	cps
Ytterbium	172-2	161045	161680	160486	161071	0.37	cps
Ytterbium	176-1	283292	285749	285663	284901	0.49	cps
Ytterbium	176-2	120221	121031	121569	120940	0.56	cps
Yttrium	89-1	58715861	57692351	57687564	58031925	1.02	cps
Yttrium	89-2	4070818	3975668	4014570	4020352	1.19	cps
Zinc	66-2	4410477	4439903	4476125	4442168	0.74	cps
Zirconium	90-1	22102520	22349927	22386833	22279760	0.69	cps
Zirconium	91-1	4936718	4993446	4934440	4954868	0.67	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01A	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066A	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:13:26	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3152331	3112424	3151484	3138746	0.73	cps
Antimony	121-1	12349280	12378459	12466991	12398243	0.49	cps
Arsenic	75-2	26899	27140	27139	27059	0.51	cps
Barium	135-1	14711824	15245704	15077245	15011591	1.82	cps
Barium	137-1	25686178	26180495	26045534	25970735	0.98	cps
Beryllium	9-1	2563499	2587878	2542857	2564744	0.88	cps
Bismuth	209-1	11226053	11447376	11187042	11286824	1.24	cps
Bismuth	209-2	4985030	4870467	4919667	4925054	1.17	cps
Bromine	81-1	35224	35151	35629	35334	0.73	cps
Cadmium	108-1	221611	224380	225956	223982	0.98	cps
Cadmium	106-1	352666	352915	355354	353645	0.42	cps
Cadmium	111-1	2956010	3067654	3027647	3017103	1.87	cps
Calcium	43-1	12259874	12220274	12450766	12310305	1.00	cps
Calcium	44-1	203545977	201259257	202573270	202459501	0.57	cps
Carbon	12-1	6064158	6356393	6555511	6325354	3.91	cps
Carbon	12-2	44534	44574	44561	44556	0.05	cps
Chlorine	35-1	84354297	89345955	90575359	88091870	3.74	cps
Chlorine	35-2	338641	339386	338441	338823	0.15	cps
Chromium	52-2	2319456	2280822	2273673	2291317	1.07	cps
Cobalt	59-2	5382542	5308490	5285926	5325653	0.95	cps
Copper	63-2	62847529	62273826	62138001	62419785	0.60	cps
Dysprosium	156-1	2144924	2157362	2230961	2177749	2.14	cps
Dysprosium	156-2	682652	681624	673260	679179	0.76	cps
Erbium	164-1	1805984	1822239	1801707	1809976	0.60	cps
Erbium	164-2	586661	583901	581207	583923	0.47	cps
Gadolinium	160-1	2046056	2036169	2084949	2055725	1.25	cps
Gadolinium	160-2	798102	792443	793176	794574	0.39	cps
Holmium	165-1	21416803	20928411	21181129	21175448	1.15	cps
Holmium	165-2	7690137	7670095	7649777	7670003	0.26	cps
Indium	115-1	16354862	16283476	16527901	16388746	0.77	cps
Indium	115-2	1686230	1696980	1662547	1681919	1.05	cps
Iron	54-2	54228066	53235916	53474158	53646046	0.97	cps
Iron	56-2	1002869398	985813959	992651212	993778190	0.86	cps
Iron	57-2	25076930	24911564	25076191	25021562	0.38	cps
Krypton	83-1	2250	2504	2590	2448	7.22	cps
Lead	206-1	47115701	48610716	47843451	47856623	1.56	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01A	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066A	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:13:26	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	41285584	41548804	41363509	41399299	0.33	cps
Lead	208-1	188500406	192307602	189211096	190006368	1.07	cps
Lithium	6-1	5433795	5449978	5449811	5444528	0.17	cps
Magnesium	24-2	16609771	16632762	16799522	16680685	0.62	cps
Manganese	55-2	15023214	14759738	14701441	14828131	1.16	cps
Molybdenum	94-1	20779695	21340319	21140326	21086780	1.35	cps
Molybdenum	95-1	22067381	23091421	22666657	22608487	2.28	cps
Molybdenum	96-1	25286111	25817365	25946805	25683427	1.36	cps
Molybdenum	97-1	13912904	14100826	14126179	14046636	0.83	cps
Molybdenum	98-1	36078943	37252228	36608383	36646518	1.60	cps
Neodymium	150-1	2576750	2594888	2614970	2595536	0.74	cps
Neodymium	150-2	606343	611070	598682	605365	1.03	cps
Nickel	60-2	1157944	1148876	1155769	1154196	0.41	cps
Phosphorus	31-2	141334	141160	141556	141350	0.14	cps
Potassium	39-2	7576021	7496210	7483012	7518414	0.67	cps
Rhodium	103-1	15166947	15079982	15046146	15097692	0.41	cps
Rhodium	103-2	5992173	5973830	5949134	5971712	0.36	cps
Scandium	45-1	11459861	11224457	11504084	11396134	1.32	cps
Scandium	45-2	196985	195477	195332	195932	0.47	cps
Selenium	82-1	182489	184990	184092	183857	0.69	cps
Selenium	77-2	5975	5751	5955	5894	2.10	cps
Selenium	78-2	11695	11778	11615	11696	0.70	cps
Silicon	28-1	118694605	120959428	119645168	119766400	0.95	cps
Silver	107-1	2634859	2662642	2661673	2653058	0.59	cps
Silver	109-1	2473420	2511932	2485566	2490306	0.79	cps
Sodium	23-2	26921498	26482711	26531209	26645139	0.90	cps
Strontium	86-1	5790394	5802268	5817614	5803425	0.24	cps
Strontium	88-1	50893136	50264448	51299701	50819095	1.03	cps
Sulfur	34-1	849407	863564	860336	857769	0.86	cps
Terbium	159-1	21695424	21958091	21682332	21778616	0.71	cps
Terbium	159-2	7479502	7552697	7327911	7453370	1.54	cps
Thallium	203-1	10115546	10382212	10373220	10290326	1.47	cps
Thallium	205-1	23858824	24838755	24106005	24267861	2.10	cps
Tin	118-1	9007852	8973104	8953599	8978185	0.31	cps
Titanium	47-1	8852899	8971043	9124532	8982825	1.52	cps
Uranium	238-1	31224206	32233539	31849651	31769132	1.60	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01A	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066A	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:13:26	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1928932	1894892	1893390	1905738	1.05	cps
Ytterbium	172-1	376410	380270	383914	380198	0.99	cps
Ytterbium	172-2	160810	160294	161873	160992	0.50	cps
Ytterbium	176-1	287801	287088	288677	287855	0.28	cps
Ytterbium	176-2	119855	120844	121896	120865	0.84	cps
Yttrium	89-1	58286791	58607964	59009467	58634741	0.62	cps
Yttrium	89-2	4080024	3974253	3963849	4006042	1.60	cps
Zinc	66-2	4559764	4503637	4515073	4526158	0.66	cps
Zirconium	90-1	21885134	22818725	22708761	22470873	2.27	cps
Zirconium	91-1	4905906	5079872	5108163	5031314	2.18	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:17:51	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1104577	1093260	1085897	1094578	0.86	cps
Antimony	121-1	2084	2064	2177	2108	2.87	cps
Arsenic	75-2	9667	10064	10467	10066	3.98	cps
Barium	135-1	533219	541337	536989	537182	0.76	cps
Barium	137-1	927762	939540	939839	935714	0.74	cps
Beryllium	9-1	4419	4426	4631	4492	2.68	cps
Bismuth	209-1	11656210	11951686	11946233	11851376	1.43	cps
Bismuth	209-2	5293493	5229727	5429935	5317718	1.92	cps
Bromine	81-1	30517	31886	31115	31173	2.20	cps
Cadmium	108-1	903	980	1130	1004	11.48	cps
Cadmium	106-1	15375	15172	15228	15259	0.69	cps
Cadmium	111-1	15448	14992	15180	15207	1.51	cps
Calcium	43-1	3019634	3058830	3081794	3053419	1.03	cps
Calcium	44-1	48609376	49222348	50200721	49344148	1.63	cps
Carbon	12-1	4031779	4066980	4059481	4052747	0.46	cps
Carbon	12-2	25469	26026	26224	25906	1.51	cps
Chlorine	35-1	2472795	2408924	2277665	2386461	4.17	cps
Chlorine	35-2	7492	7169	7065	7242	3.08	cps
Chromium	52-2	4094	4094	3957	4048	1.95	cps
Cobalt	59-2	446183	443894	445095	445058	0.26	cps
Copper	63-2	10285556	10177237	10082106	10181633	1.00	cps
Dysprosium	156-1	718735	737559	733567	729954	1.36	cps
Dysprosium	156-2	248696	247952	245199	247282	0.75	cps
Erbium	164-1	616276	620097	623418	619930	0.58	cps
Erbium	164-2	216946	214172	211900	214339	1.18	cps
Gadolinium	160-1	685045	684609	686923	685526	0.18	cps
Gadolinium	160-2	293074	288770	286901	289582	1.09	cps
Holmium	165-1	20598428	20778709	20942351	20773163	0.83	cps
Holmium	165-2	7704988	7660527	7796256	7720591	0.90	cps
Indium	115-1	17194659	17599738	17391351	17395249	1.16	cps
Indium	115-2	1790593	1755663	1839426	1795227	2.34	cps
Iron	54-2	25099430	24827312	24895204	24940649	0.57	cps
Iron	56-2	461992073	465742393	462438780	463391082	0.44	cps
Iron	57-2	11726969	11835513	11600257	11720913	1.00	cps
Krypton	83-1	1133	1247	1140	1173	5.42	cps
Lead	206-1	2020257	2035139	2074246	2043214	1.36	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:17:51	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1577017	1598659	1622950	1599542	1.44	cps
Lead	208-1	7807680	7842126	7982761	7877522	1.18	cps
Lithium	6-1	5445825	5519548	5578591	5514655	1.21	cps
Magnesium	24-2	1930309	1851408	1839441	1873719	2.63	cps
Manganese	55-2	2665977	2677021	2680101	2674367	0.28	cps
Molybdenum	94-1	133834	135576	134836	134748	0.65	cps
Molybdenum	95-1	14281	14311	13947	14180	1.42	cps
Molybdenum	96-1	41699	42448	42575	42241	1.12	cps
Molybdenum	97-1	8843	8743	8483	8689	2.14	cps
Molybdenum	98-1	21730	21697	21103	21510	1.64	cps
Neodymium	150-1	875454	887258	885841	882851	0.73	cps
Neodymium	150-2	220774	220976	220967	220906	0.05	cps
Nickel	60-2	8556	8586	8116	8419	3.13	cps
Phosphorus	31-2	49093	49026	48899	49006	0.20	cps
Potassium	39-2	1128519	1130567	1116730	1125272	0.66	cps
Rhodium	103-1	16021041	16035952	16036561	16031184	0.05	cps
Rhodium	103-2	6435029	6317130	6503325	6418495	1.47	cps
Scandium	45-1	11370656	11333619	11441532	11381935	0.48	cps
Scandium	45-2	196610	196948	203476	199011	1.94	cps
Selenium	82-1	1347	1160	1180	1229	8.34	cps
Selenium	77-2	1183	1290	1107	1193	7.72	cps
Selenium	78-2	663	680	737	693	5.54	cps
Silicon	28-1	66040187	73088509	67015227	68714641	5.56	cps
Silver	107-1	10351	10611	10791	10584	2.09	cps
Silver	109-1	9367	9887	9927	9727	3.21	cps
Sodium	23-2	296270	292037	289877	292728	1.11	cps
Strontium	86-1	192520	196839	199486	196281	1.79	cps
Strontium	88-1	1793019	1824747	1833170	1816979	1.17	cps
Sulfur	34-1	625346	623902	618635	622628	0.57	cps
Terbium	159-1	21451851	21602005	21529602	21527819	0.35	cps
Terbium	159-2	7218164	7396270	7641914	7418783	2.87	cps
Thallium	203-1	10194	10081	9464	9913	3.97	cps
Thallium	205-1	24300	23398	23034	23577	2.76	cps
Tin	118-1	26509	27598	27592	27233	2.30	cps
Titanium	47-1	3523749	3486741	3542693	3517727	0.81	cps
Uranium	238-1	88428	88774	88425	88542	0.23	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:17:51	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	44666	44405	44716	44596	0.37	cps
Ytterbium	172-1	152857	155910	156521	155096	1.27	cps
Ytterbium	172-2	66003	66402	64362	65589	1.65	cps
Ytterbium	176-1	97369	98064	98457	97963	0.56	cps
Ytterbium	176-2	42418	41776	42167	42120	0.77	cps
Yttrium	89-1	41670772	41985962	42560501	42072412	1.07	cps
Yttrium	89-2	2999292	2961388	3001872	2987517	0.76	cps
Zinc	66-2	290481	288363	283379	287408	1.27	cps
Zirconium	90-1	340234	348809	344232	344425	1.25	cps
Zirconium	91-1	75078	77118	75312	75836	1.47	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:20:59	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3664946	3613363	3620412	3632907	0.77	cps
Antimony	121-1	12242623	12187250	12290834	12240236	0.42	cps
Arsenic	75-2	220603	220668	221673	220981	0.27	cps
Barium	135-1	14582284	14649510	14571887	14601227	0.29	cps
Barium	137-1	25173956	25230193	25169444	25191198	0.13	cps
Beryllium	9-1	2516088	2542776	2530511	2529791	0.53	cps
Bismuth	209-1	10578501	10561810	10476732	10539014	0.52	cps
Bismuth	209-2	4561846	4573298	4571938	4569027	0.14	cps
Bromine	81-1	26281	26321	25684	26095	1.37	cps
Cadmium	108-1	223639	229322	228006	226989	1.31	cps
Cadmium	106-1	329521	334003	332303	331942	0.68	cps
Cadmium	111-1	2906490	2924419	2939237	2923382	0.56	cps
Calcium	43-1	18363062	18756313	18398444	18505940	1.18	cps
Calcium	44-1	301324589	304467935	297810756	301201093	1.11	cps
Carbon	12-1	4205805	4189971	4112118	4169298	1.20	cps
Carbon	12-2	31109	30846	30278	30744	1.38	cps
Chlorine	35-1	1230413	1224724	1174372	1209836	2.55	cps
Chlorine	35-2	3784	3861	3704	3783	2.07	cps
Chromium	52-2	2329558	2312727	2287738	2310007	0.91	cps
Cobalt	59-2	4202652	4159968	4224373	4195664	0.78	cps
Copper	63-2	31611275	31646701	31583648	31613875	0.10	cps
Dysprosium	156-1	1000	970	1027	999	2.84	cps
Dysprosium	156-2	197	170	123	163	22.72	cps
Erbium	164-1	633	697	647	659	5.07	cps
Erbium	164-2	207	273	287	256	16.77	cps
Gadolinium	160-1	510	620	600	577	10.16	cps
Gadolinium	160-2	220	217	163	200	15.90	cps
Holmium	165-1	18727566	19341912	19342977	19137485	1.86	cps
Holmium	165-2	6808746	6885976	6828344	6841022	0.59	cps
Indium	115-1	15371501	15556080	15338030	15421870	0.76	cps
Indium	115-2	1429446	1432089	1436950	1432828	0.27	cps
Iron	54-2	22505489	22472304	22660795	22546196	0.45	cps
Iron	56-2	419000767	418186647	408524327	415237247	1.40	cps
Iron	57-2	10631312	10623153	10366574	10540347	1.43	cps
Krypton	83-1	297	300	333	310	6.54	cps
Lead	206-1	41368528	42011136	41800204	41726622	0.79	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:20:59	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	35587418	35583315	35367166	35512633	0.35	cps
Lead	208-1	164396441	164368937	164458898	164408092	0.03	cps
Lithium	6-1	4987171	5121856	4990457	5033161	1.53	cps
Magnesium	24-2	64698039	65069249	63805512	64524267	1.01	cps
Manganese	55-2	9387038	9372930	9285720	9348563	0.59	cps
Molybdenum	94-1	42716454	42826913	42563448	42702272	0.31	cps
Molybdenum	95-1	61477096	62075754	62266502	61939784	0.66	cps
Molybdenum	96-1	66440974	67350061	67553669	67114901	0.88	cps
Molybdenum	97-1	37473539	38357404	38093667	37974870	1.19	cps
Molybdenum	98-1	97586022	99133685	99442699	98720802	1.01	cps
Neodymium	150-1	1270	1283	1220	1258	2.65	cps
Neodymium	150-2	127	73	123	108	27.72	cps
Nickel	60-2	1086592	1077527	1071119	1078413	0.72	cps
Phosphorus	31-2	34712	34371	34417	34500	0.54	cps
Potassium	39-2	20277360	20575350	20772896	20541869	1.21	cps
Rhodium	103-1	13619046	13949648	14069407	13879367	1.68	cps
Rhodium	103-2	5278233	5432328	5407562	5372708	1.54	cps
Scandium	45-1	10204961	10256833	10451537	10304444	1.26	cps
Scandium	45-2	177010	178784	178089	177961	0.50	cps
Selenium	82-1	171306	173450	173439	172732	0.71	cps
Selenium	77-2	2687	2890	2670	2749	4.46	cps
Selenium	78-2	8860	9216	9303	9126	2.58	cps
Silicon	28-1	56059604	55784744	54792508	55545619	1.20	cps
Silver	107-1	14417015	14490036	14597474	14501509	0.63	cps
Silver	109-1	13560256	13795150	13811594	13722333	1.02	cps
Sodium	23-2	127283985	132067141	127901965	129084364	2.02	cps
Strontium	86-1	4003122	4023882	3939465	3988823	1.10	cps
Strontium	88-1	34616652	34589285	34945679	34717206	0.57	cps
Sulfur	34-1	1442697	1434175	1402268	1426380	1.49	cps
Terbium	159-1	19586546	19841724	20015523	19814598	1.09	cps
Terbium	159-2	6713701	6570961	6568370	6617677	1.26	cps
Thallium	203-1	10187319	10364249	10245331	10265633	0.88	cps
Thallium	205-1	24101667	24538698	24580660	24407008	1.09	cps
Tin	118-1	9743187	9736940	9782070	9754066	0.25	cps
Titanium	47-1	16447865	16725934	16784915	16652905	1.08	cps
Uranium	238-1	32068090	31930207	32146280	32048192	0.34	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:20:59	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1739380	1725678	1758019	1741025	0.93	cps
Ytterbium	172-1	977	930	1013	973	4.29	cps
Ytterbium	172-2	333	333	430	366	15.27	cps
Ytterbium	176-1	51624	52601	53973	52732	2.24	cps
Ytterbium	176-2	19047	18757	18573	18792	1.27	cps
Yttrium	89-1	29772174	29321986	29564744	29552968	0.76	cps
Yttrium	89-2	2067046	2055959	2066967	2063324	0.31	cps
Zinc	66-2	3581835	3555652	3547183	3561556	0.51	cps
Zirconium	90-1	21509012	21388516	21263470	21386999	0.57	cps
Zirconium	91-1	4793080	4759505	4805941	4786175	0.50	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:23:45	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2227	2070	2217	2171	4.04	cps
Antimony	121-1	3347	3000	2490	2946	14.63	cps
Arsenic	75-2	7	10	10	9	21.63	cps
Barium	135-1	420	393	323	379	13.18	cps
Barium	137-1	757	553	603	638	16.61	cps
Beryllium	9-1	524	482	402	470	13.13	cps
Bismuth	209-1	12475911	12510798	12489006	12491905	0.14	cps
Bismuth	209-2	5270628	5425500	5316536	5337555	1.49	cps
Bromine	81-1	26893	27364	27547	27268	1.24	cps
Cadmium	108-1	60	47	63	57	15.56	cps
Cadmium	106-1	10501	10674	10724	10633	1.10	cps
Cadmium	111-1	7515	7619	7639	7591	0.88	cps
Calcium	43-1	1243	1137	1080	1153	7.19	cps
Calcium	44-1	31218	29014	28560	29597	4.80	cps
Carbon	12-1	3808469	3810732	3779412	3799537	0.46	cps
Carbon	12-2	24437	23576	23696	23903	1.95	cps
Chlorine	35-1	838381	807596	789181	811719	3.06	cps
Chlorine	35-2	2600	2597	2484	2560	2.59	cps
Chromium	52-2	1133	1160	1067	1120	4.29	cps
Cobalt	59-2	247	143	173	188	28.31	cps
Copper	63-2	1960	1913	1753	1876	5.78	cps
Dysprosium	156-1	200	223	157	193	17.50	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	143	160	137	147	8.19	cps
Erbium	164-2	33	47	50	43	20.36	cps
Gadolinium	160-1	150	117	143	137	12.91	cps
Gadolinium	160-2	37	57	17	37	54.54	cps
Holmium	165-1	20175273	20668091	20551906	20465090	1.26	cps
Holmium	165-2	7164804	7210466	7292129	7222467	0.89	cps
Indium	115-1	17670674	17848476	17900244	17806465	0.68	cps
Indium	115-2	1785083	1768156	1784971	1779403	0.55	cps
Iron	54-2	1133	1143	937	1071	10.88	cps
Iron	56-2	16607	15639	14868	15704	5.55	cps
Iron	57-2	447	380	430	419	8.28	cps
Krypton	83-1	233	207	333	258	25.91	cps
Lead	206-1	4544	4267	4064	4292	5.62	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:23:45	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4067	3501	3434	3667	9.49	cps
Lead	208-1	18082	16331	15527	16647	7.85	cps
Lithium	6-1	5728979	5741791	5783692	5751487	0.50	cps
Magnesium	24-2	1107	853	857	939	15.48	cps
Manganese	55-2	2344	2174	2154	2224	4.70	cps
Molybdenum	94-1	3354	2714	2500	2856	15.55	cps
Molybdenum	95-1	2374	1733	1460	1856	25.26	cps
Molybdenum	96-1	3217	2304	2064	2528	24.08	cps
Molybdenum	97-1	1527	1127	937	1197	25.17	cps
Molybdenum	98-1	4064	2820	2610	3165	24.83	cps
Neodymium	150-1	37	33	73	48	46.45	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	220	187	260	222	16.52	cps
Phosphorus	31-2	83	80	93	86	8.11	cps
Potassium	39-2	13697	13119	13193	13336	2.36	cps
Rhodium	103-1	16305397	16697225	16664883	16555835	1.31	cps
Rhodium	103-2	6417526	6391639	6410227	6406464	0.21	cps
Scandium	45-1	11112895	11275304	11043324	11143841	1.07	cps
Scandium	45-2	188664	190455	190630	189916	0.57	cps
Selenium	82-1	13	97	-43	22	316.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	7	13	16	65.47	cps
Silicon	28-1	475736	475399	481117	477417	0.67	cps
Silver	107-1	1460	1393	1150	1335	12.23	cps
Silver	109-1	1363	1097	940	1133	18.89	cps
Sodium	23-2	36058	35329	34547	35312	2.14	cps
Strontium	86-1	593	420	547	520	17.25	cps
Strontium	88-1	1120	910	900	977	12.72	cps
Sulfur	34-1	537610	538621	540514	538915	0.27	cps
Terbium	159-1	21298994	21300300	21340572	21313289	0.11	cps
Terbium	159-2	7192269	7137323	7159002	7162865	0.39	cps
Thallium	203-1	1730	1567	1497	1598	7.49	cps
Thallium	205-1	4341	3724	3567	3877	10.55	cps
Tin	118-1	5101	4728	4874	4901	3.84	cps
Titanium	47-1	780	657	537	658	18.50	cps
Uranium	238-1	750	610	437	599	26.21	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:23:45	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	47	63	50	53	16.53	cps
Ytterbium	172-1	113	113	160	129	20.90	cps
Ytterbium	172-2	100	53	90	81	30.29	cps
Ytterbium	176-1	2640	2670	2630	2647	0.79	cps
Ytterbium	176-2	677	700	667	681	2.51	cps
Yttrium	89-1	32249356	32281231	32780204	32436930	0.92	cps
Yttrium	89-2	2227200	2182005	2212035	2207080	1.04	cps
Zinc	66-2	703	670	713	696	3.26	cps
Zirconium	90-1	4864	4504	4567	4645	4.14	cps
Zirconium	91-1	1080	1063	920	1021	8.61	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:27:06	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1161323	1150148	1153381	1154950	0.50	cps
Antimony	121-1	2550	2567	2547	2555	0.42	cps
Arsenic	75-2	10537	10707	10504	10583	1.03	cps
Barium	135-1	555000	564533	563273	560936	0.92	cps
Barium	137-1	966755	983715	986225	978898	1.08	cps
Beryllium	9-1	4624	4571	4576	4591	0.63	cps
Bismuth	209-1	12021128	11853141	12177719	12017329	1.35	cps
Bismuth	209-2	5227381	5222296	5302619	5250765	0.86	cps
Bromine	81-1	30310	30152	31111	30524	1.68	cps
Cadmium	108-1	1003	1200	1027	1077	9.98	cps
Cadmium	106-1	15786	15756	15465	15669	1.13	cps
Cadmium	111-1	15866	15897	15535	15766	1.27	cps
Calcium	43-1	3202494	3118013	3195119	3171875	1.48	cps
Calcium	44-1	51302078	50958943	50786763	51015928	0.51	cps
Carbon	12-1	3985410	3945980	3974268	3968553	0.51	cps
Carbon	12-2	25532	25265	25299	25365	0.57	cps
Chlorine	35-1	816184	830063	837304	827850	1.30	cps
Chlorine	35-2	2707	2970	3200	2959	8.34	cps
Chromium	52-2	3934	4064	4164	4054	2.85	cps
Cobalt	59-2	460007	466063	461283	462451	0.69	cps
Copper	63-2	10607213	10609350	10437923	10551495	0.93	cps
Dysprosium	156-1	738138	745428	753864	745810	1.06	cps
Dysprosium	156-2	253987	253875	255050	254304	0.25	cps
Erbium	164-1	629884	635231	634748	633288	0.47	cps
Erbium	164-2	221186	220535	220442	220721	0.18	cps
Gadolinium	160-1	699642	709719	710917	706759	0.88	cps
Gadolinium	160-2	299084	296385	296758	297409	0.49	cps
Holmium	165-1	20743189	20617841	20622634	20661221	0.34	cps
Holmium	165-2	7430722	7589356	7571032	7530370	1.15	cps
Indium	115-1	17292627	17336419	17380647	17336564	0.25	cps
Indium	115-2	1791075	1740695	1772654	1768142	1.44	cps
Iron	54-2	26385664	26204890	26261086	26283880	0.35	cps
Iron	56-2	494830779	483463739	487743219	488679246	1.17	cps
Iron	57-2	12467932	12574448	12203581	12415320	1.54	cps
Krypton	83-1	1110	1247	1090	1149	7.42	cps
Lead	206-1	2157875	2152834	2124997	2145235	0.83	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:27:06	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1786355	1783520	1798479	1789451	0.44	cps
Lead	208-1	8375567	8390921	8370534	8379007	0.13	cps
Lithium	6-1	5616402	5649371	5595097	5620290	0.49	cps
Magnesium	24-2	2022005	2015505	2015875	2017795	0.18	cps
Manganese	55-2	2875137	2840032	2800930	2838700	1.31	cps
Molybdenum	94-1	135781	139276	137201	137420	1.28	cps
Molybdenum	95-1	14321	14161	14721	14401	2.01	cps
Molybdenum	96-1	43478	44591	44320	44130	1.32	cps
Molybdenum	97-1	8780	8843	9030	8884	1.46	cps
Molybdenum	98-1	22528	22899	22979	22802	1.05	cps
Neodymium	150-1	905753	921269	924706	917243	1.10	cps
Neodymium	150-2	226432	227173	228123	227243	0.37	cps
Nickel	60-2	8783	8926	8863	8857	0.81	cps
Phosphorus	31-2	49705	49875	49835	49805	0.18	cps
Potassium	39-2	1161042	1158121	1162016	1160393	0.17	cps
Rhodium	103-1	16006616	16045545	16067964	16040042	0.19	cps
Rhodium	103-2	6299557	6263851	6246926	6270112	0.43	cps
Scandium	45-1	11502863	11436984	11652740	11530862	0.96	cps
Scandium	45-2	193590	195047	192593	193743	0.64	cps
Selenium	82-1	1287	1314	1377	1326	3.49	cps
Selenium	77-2	1297	1140	1147	1195	7.42	cps
Selenium	78-2	713	703	770	729	4.93	cps
Silicon	28-1	70405847	70824514	72118971	71116444	1.26	cps
Silver	107-1	10187	10681	10681	10516	2.71	cps
Silver	109-1	9413	9760	10304	9826	4.57	cps
Sodium	23-2	302816	302200	303114	302710	0.15	cps
Strontium	86-1	196808	200365	201903	199692	1.31	cps
Strontium	88-1	1841478	1894932	1888824	1875078	1.56	cps
Sulfur	34-1	634606	637032	634068	635235	0.25	cps
Terbium	159-1	21158358	21398070	21483437	21346622	0.79	cps
Terbium	159-2	7318404	7254041	7327546	7299997	0.55	cps
Thallium	203-1	7973	8463	8543	8326	3.71	cps
Thallium	205-1	20660	20346	19658	20221	2.53	cps
Tin	118-1	28364	27769	27061	27731	2.35	cps
Titanium	47-1	3755233	3705494	3749858	3736862	0.73	cps
Uranium	238-1	90553	90422	91655	90877	0.74	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:27:06	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	46562	46923	46672	46719	0.40	cps
Ytterbium	172-1	158534	160433	162928	160632	1.37	cps
Ytterbium	172-2	68114	67216	67223	67518	0.76	cps
Ytterbium	176-1	100133	100888	102175	101065	1.02	cps
Ytterbium	176-2	43425	42749	44123	43432	1.58	cps
Yttrium	89-1	41498236	42180099	41831109	41836482	0.81	cps
Yttrium	89-2	2993166	2959024	2974938	2975710	0.57	cps
Zinc	66-2	296486	296847	298769	297367	0.41	cps
Zirconium	90-1	354405	355086	356089	355193	0.24	cps
Zirconium	91-1	78476	78606	77990	78357	0.41	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:30:15	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	222801	219348	218585	220245	1.02	cps
Antimony	121-1	1177	1220	1283	1227	4.37	cps
Arsenic	75-2	2094	2157	2097	2116	1.68	cps
Barium	135-1	107025	109410	108318	108251	1.10	cps
Barium	137-1	184807	187219	185182	185736	0.70	cps
Beryllium	9-1	1005	986	1069	1020	4.24	cps
Bismuth	209-1	12308394	12567399	12276341	12384045	1.29	cps
Bismuth	209-2	5332285	5263571	5347778	5314545	0.84	cps
Bromine	81-1	28676	28482	29057	28738	1.02	cps
Cadmium	108-1	233	237	210	227	6.41	cps
Cadmium	106-1	11618	11068	11241	11309	2.49	cps
Cadmium	111-1	9063	8685	8932	8893	2.16	cps
Calcium	43-1	590350	605710	609716	601925	1.70	cps
Calcium	44-1	9804279	9954614	9911540	9890145	0.78	cps
Carbon	12-1	3639952	3553467	3433920	3542446	2.92	cps
Carbon	12-2	22664	21863	22020	22182	1.91	cps
Chlorine	35-1	535336	529399	525817	530184	0.91	cps
Chlorine	35-2	1693	1760	1843	1766	4.26	cps
Chromium	52-2	1887	1943	1893	1908	1.62	cps
Cobalt	59-2	89744	89563	90935	90081	0.83	cps
Copper	63-2	2073941	2156708	2123347	2117999	1.97	cps
Dysprosium	156-1	143409	147756	145175	145447	1.50	cps
Dysprosium	156-2	49571	48283	48340	48732	1.49	cps
Erbium	164-1	122256	124698	124039	123664	1.02	cps
Erbium	164-2	43156	43250	42471	42959	0.99	cps
Gadolinium	160-1	136063	137295	138191	137183	0.78	cps
Gadolinium	160-2	57423	57269	56639	57110	0.73	cps
Holmium	165-1	20187285	20488709	20720801	20465598	1.31	cps
Holmium	165-2	7483310	7338511	7367401	7396408	1.04	cps
Indium	115-1	17925017	17734956	17685302	17781759	0.71	cps
Indium	115-2	1763998	1793364	1785212	1780858	0.85	cps
Iron	54-2	4994353	5015255	4957190	4988933	0.59	cps
Iron	56-2	93657835	94352955	93382272	93797687	0.53	cps
Iron	57-2	2419217	2425477	2423159	2422617	0.13	cps
Krypton	83-1	493	407	453	451	9.62	cps
Lead	206-1	381405	386170	389784	385786	1.09	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:30:15	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	324837	328144	327673	326884	0.55	cps
Lead	208-1	1502930	1523150	1526426	1517502	0.84	cps
Lithium	6-1	5704105	5517284	5514644	5578678	1.95	cps
Magnesium	24-2	368532	373082	370912	370842	0.61	cps
Manganese	55-2	517832	507461	513096	512796	1.01	cps
Molybdenum	94-1	26956	27146	26906	27003	0.47	cps
Molybdenum	95-1	2804	2930	2857	2864	2.22	cps
Molybdenum	96-1	9277	9110	8870	9085	2.25	cps
Molybdenum	97-1	1727	1810	1873	1803	4.08	cps
Molybdenum	98-1	4607	4594	4621	4607	0.29	cps
Neodymium	150-1	172631	177294	176633	175519	1.44	cps
Neodymium	150-2	44029	44085	43039	43718	1.35	cps
Nickel	60-2	2977	3134	3017	3043	2.68	cps
Phosphorus	31-2	10354	9633	10034	10007	3.61	cps
Potassium	39-2	238231	236171	237358	237253	0.44	cps
Rhodium	103-1	16544602	16256492	16779741	16526945	1.59	cps
Rhodium	103-2	6331255	6396278	6342334	6356622	0.55	cps
Scandium	45-1	11115659	11370053	11540925	11342212	1.89	cps
Scandium	45-2	190516	190556	187774	189615	0.84	cps
Selenium	82-1	260	407	260	309	27.41	cps
Selenium	77-2	253	210	187	217	15.61	cps
Selenium	78-2	120	160	137	139	14.47	cps
Silicon	28-1	13677296	13974225	13984993	13878838	1.26	cps
Silver	107-1	2354	2394	2430	2392	1.60	cps
Silver	109-1	2017	2360	2187	2188	7.85	cps
Sodium	23-2	81315	82019	81331	81555	0.49	cps
Strontium	86-1	38757	39613	39255	39208	1.10	cps
Strontium	88-1	341731	341544	343816	342364	0.37	cps
Sulfur	34-1	551497	546868	547820	548728	0.45	cps
Terbium	159-1	21672450	21588188	21283400	21514679	0.95	cps
Terbium	159-2	7236705	7177105	7232435	7215415	0.46	cps
Thallium	203-1	2160	2527	2204	2297	8.72	cps
Thallium	205-1	5398	5191	5408	5332	2.29	cps
Tin	118-1	7659	8199	7889	7916	3.43	cps
Titanium	47-1	667985	684104	681104	677731	1.26	cps
Uranium	238-1	17953	17455	17616	17675	1.44	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066LDL	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:30:15	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	8829	8723	9133	8895	2.39	cps
Ytterbium	172-1	30358	30913	30702	30658	0.91	cps
Ytterbium	172-2	12633	12990	12876	12833	1.42	cps
Ytterbium	176-1	21831	21845	21935	21870	0.26	cps
Ytterbium	176-2	8956	8980	8736	8891	1.51	cps
Yttrium	89-1	34757049	33994157	34588716	34446641	1.16	cps
Yttrium	89-2	2381795	2388104	2339114	2369671	1.12	cps
Zinc	66-2	64111	64697	64415	64408	0.45	cps
Zirconium	90-1	68440	68651	70674	69255	1.78	cps
Zirconium	91-1	15102	15656	15235	15331	1.89	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:33:27	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517367	520327	516090	517928	0.42	cps
Antimony	121-1	2522652	2516841	2511314	2516935	0.23	cps
Arsenic	75-2	4511	4697	4774	4661	2.91	cps
Barium	135-1	2941587	2962830	2906414	2936944	0.97	cps
Barium	137-1	5049126	5076622	5073407	5066385	0.30	cps
Beryllium	9-1	524573	531714	533682	529990	0.90	cps
Bismuth	209-1	12061038	12138239	11828144	12009140	1.34	cps
Bismuth	209-2	5312337	5324815	5288881	5308677	0.34	cps
Bromine	81-1	29905	29899	30259	30021	0.69	cps
Cadmium	108-1	45308	45558	45836	45567	0.58	cps
Cadmium	106-1	80101	80456	81174	80577	0.68	cps
Cadmium	111-1	592187	604119	609418	601908	1.47	cps
Calcium	43-1	2393084	2402066	2384927	2393359	0.36	cps
Calcium	44-1	37742341	39086753	38438659	38422584	1.75	cps
Carbon	12-1	3796567	3808749	3758284	3787867	0.70	cps
Carbon	12-2	25122	24460	24587	24723	1.42	cps
Chlorine	35-1	13837533	15369426	16075097	15094019	7.58	cps
Chlorine	35-2	62327	62739	64252	63106	1.61	cps
Chromium	52-2	434017	436275	434858	435050	0.26	cps
Cobalt	59-2	1045281	1045885	1034051	1041739	0.64	cps
Copper	63-2	12687920	12462907	12499309	12550045	0.96	cps
Dysprosium	156-1	408751	415019	421075	414949	1.49	cps
Dysprosium	156-2	141681	141015	140250	140982	0.51	cps
Erbium	164-1	341769	347667	348013	345816	1.01	cps
Erbium	164-2	120681	119498	120005	120061	0.49	cps
Gadolinium	160-1	386203	393819	393586	391202	1.11	cps
Gadolinium	160-2	166121	164939	165397	165486	0.36	cps
Holmium	165-1	20620614	20371184	20549776	20513858	0.63	cps
Holmium	165-2	7571309	7542419	7500785	7538171	0.47	cps
Indium	115-1	17588594	17475962	17802575	17622377	0.94	cps
Indium	115-2	1797397	1760044	1792605	1783349	1.14	cps
Iron	54-2	9929102	9931305	10038244	9966217	0.63	cps
Iron	56-2	188746237	187426597	186848577	187673804	0.52	cps
Iron	57-2	4690559	4664489	4681853	4678967	0.28	cps
Krypton	83-1	767	760	747	758	1.34	cps
Lead	206-1	9850303	9806688	10077917	9911636	1.47	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:33:27	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8414687	8529121	8548514	8497441	0.85	cps
Lead	208-1	38885509	39329873	39282393	39165925	0.62	cps
Lithium	6-1	5528083	5589024	5469770	5528959	1.08	cps
Magnesium	24-2	3383110	3338619	3347846	3356525	0.70	cps
Manganese	55-2	3040187	3034167	3062542	3045632	0.49	cps
Molybdenum	94-1	4173518	4164703	4204139	4180787	0.50	cps
Molybdenum	95-1	4529396	4563945	4499836	4531059	0.71	cps
Molybdenum	96-1	5061555	5102350	5056900	5073602	0.49	cps
Molybdenum	97-1	2761586	2814129	2803370	2793029	0.99	cps
Molybdenum	98-1	7108786	7310211	7236383	7218460	1.41	cps
Neodymium	150-1	504408	507827	514292	508843	0.99	cps
Neodymium	150-2	127683	125678	126018	126460	0.85	cps
Nickel	60-2	241184	237811	239632	239543	0.70	cps
Phosphorus	31-2	29861	29523	29834	29739	0.63	cps
Potassium	39-2	1349134	1306329	1300886	1318783	2.00	cps
Rhodium	103-1	16170449	16216086	16105138	16163891	0.34	cps
Rhodium	103-2	6355233	6400863	6300537	6352211	0.79	cps
Scandium	45-1	11254519	11297802	11445012	11332444	0.88	cps
Scandium	45-2	196751	191619	195464	194612	1.37	cps
Selenium	82-1	37258	37723	37900	37627	0.88	cps
Selenium	77-2	1160	1193	1303	1219	6.15	cps
Selenium	78-2	2550	2137	2197	2295	9.73	cps
Silicon	28-1	30668326	30813521	30868312	30783386	0.34	cps
Silver	107-1	502380	512347	517222	510650	1.48	cps
Silver	109-1	475758	490581	488788	485042	1.67	cps
Sodium	23-2	5447241	5474991	5395810	5439347	0.74	cps
Strontium	86-1	1009518	1015837	1019514	1014956	0.50	cps
Strontium	88-1	9153286	9338052	9363517	9284951	1.24	cps
Sulfur	34-1	581578	583036	586838	583818	0.47	cps
Terbium	159-1	21367281	21340045	21496729	21401352	0.39	cps
Terbium	159-2	7319407	7272837	7204660	7265635	0.79	cps
Thallium	203-1	2098314	2104503	2168945	2123921	1.84	cps
Thallium	205-1	4916482	5048263	5046415	5003720	1.51	cps
Tin	118-1	1826145	1841146	1873112	1846801	1.30	cps
Titanium	47-1	1328704	1312996	1324204	1321968	0.61	cps
Uranium	238-1	6330159	6434289	6228137	6330862	1.63	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:33:27	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	364191	361241	360296	361909	0.56	cps
Ytterbium	172-1	78256	78585	80342	79061	1.42	cps
Ytterbium	172-2	33328	33903	33399	33543	0.93	cps
Ytterbium	176-1	59313	61094	60488	60298	1.50	cps
Ytterbium	176-2	24997	25371	25378	25249	0.86	cps
Yttrium	89-1	37698631	37558520	38111269	37789474	0.76	cps
Yttrium	89-2	2690752	2634104	2650717	2658524	1.10	cps
Zinc	66-2	902890	887414	883861	891388	1.14	cps
Zirconium	90-1	4372511	4415496	4461617	4416541	1.01	cps
Zirconium	91-1	918781	937877	949910	935523	1.68	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:36:23	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	636851	637206	634088	636048	0.27	cps
Antimony	121-1	2514957	2589361	2559045	2554454	1.46	cps
Arsenic	75-2	5381	5478	5715	5524	3.11	cps
Barium	135-1	3003506	3052698	3055494	3037233	0.96	cps
Barium	137-1	5213235	5216201	5278673	5236036	0.71	cps
Beryllium	9-1	530543	532384	540362	534430	0.98	cps
Bismuth	209-1	12103176	12021851	12275657	12133561	1.07	cps
Bismuth	209-2	5325347	5275556	5184075	5261659	1.36	cps
Bromine	81-1	29491	29989	30547	30009	1.76	cps
Cadmium	108-1	45348	47107	46538	46331	1.94	cps
Cadmium	106-1	80064	81505	81174	80914	0.93	cps
Cadmium	111-1	601055	605920	612997	606657	0.99	cps
Calcium	43-1	2460090	2472536	2496981	2476536	0.76	cps
Calcium	44-1	40369177	40442166	40120763	40310702	0.42	cps
Carbon	12-1	3857224	3956205	3933037	3915489	1.32	cps
Carbon	12-2	25339	25335	26050	25575	1.61	cps
Chlorine	35-1	15196906	16543347	17374962	16371738	6.71	cps
Chlorine	35-2	65591	66549	66539	66226	0.83	cps
Chromium	52-2	440633	441893	433988	438838	0.97	cps
Cobalt	59-2	1066604	1064534	1063537	1064892	0.15	cps
Copper	63-2	13130025	13097637	13021844	13083169	0.42	cps
Dysprosium	156-1	394336	399178	403415	398976	1.14	cps
Dysprosium	156-2	135979	135024	134367	135124	0.60	cps
Erbium	164-1	331223	336209	335588	334340	0.81	cps
Erbium	164-2	116158	117638	116928	116908	0.63	cps
Gadolinium	160-1	376174	378756	375192	376707	0.49	cps
Gadolinium	160-2	155488	157353	157959	156933	0.82	cps
Holmium	165-1	20666529	20926868	20517488	20703629	1.00	cps
Holmium	165-2	7551766	7462955	7474278	7496333	0.64	cps
Indium	115-1	17616557	17508520	17696414	17607164	0.54	cps
Indium	115-2	1760243	1763348	1752188	1758593	0.33	cps
Iron	54-2	11018304	11109839	11124879	11084341	0.52	cps
Iron	56-2	204999677	202478664	202476444	203318261	0.72	cps
Iron	57-2	5107580	5101658	5086322	5098520	0.22	cps
Krypton	83-1	810	683	637	710	12.63	cps
Lead	206-1	9793016	9822997	9837358	9817790	0.23	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:36:23	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8387493	8489343	8350536	8409124	0.85	cps
Lead	208-1	38730927	39280448	39160294	39057223	0.74	cps
Lithium	6-1	5536909	5430488	5548438	5505279	1.18	cps
Magnesium	24-2	3443212	3443148	3531047	3472469	1.46	cps
Manganese	55-2	3035447	3068151	3069999	3057866	0.64	cps
Molybdenum	94-1	4141669	4223824	4301595	4222363	1.89	cps
Molybdenum	95-1	4528643	4610697	4521282	4553541	1.09	cps
Molybdenum	96-1	5087430	5137108	5097991	5107510	0.51	cps
Molybdenum	97-1	2818940	2769777	2819265	2802661	1.02	cps
Molybdenum	98-1	7287234	7266106	7321262	7291534	0.38	cps
Neodymium	150-1	478718	488994	488637	485450	1.20	cps
Neodymium	150-2	121131	121964	120249	121115	0.71	cps
Nickel	60-2	244722	242887	245621	244410	0.57	cps
Phosphorus	31-2	29530	29694	29313	29512	0.65	cps
Potassium	39-2	1558859	1558672	1553100	1556877	0.21	cps
Rhodium	103-1	16158839	16163062	16333968	16218623	0.62	cps
Rhodium	103-2	6363145	6221774	6281232	6288717	1.13	cps
Scandium	45-1	11581304	11475776	11476688	11511256	0.53	cps
Scandium	45-2	194379	194458	195032	194623	0.18	cps
Selenium	82-1	37201	38180	38568	37983	1.85	cps
Selenium	77-2	1153	1193	1243	1197	3.77	cps
Selenium	78-2	2497	2450	2340	2429	3.31	cps
Silicon	28-1	24446728	25075241	24713672	24745214	1.27	cps
Silver	107-1	501945	515949	518433	512109	1.74	cps
Silver	109-1	478803	489435	494247	487495	1.62	cps
Sodium	23-2	5511914	5434520	5420723	5455719	0.90	cps
Strontium	86-1	1107489	1120966	1116708	1115054	0.62	cps
Strontium	88-1	10181294	10296789	10219593	10232559	0.57	cps
Sulfur	34-1	601286	608778	610907	606990	0.83	cps
Terbium	159-1	21579159	21613266	21644326	21612250	0.15	cps
Terbium	159-2	7257216	7324955	7321251	7301141	0.52	cps
Thallium	203-1	2122589	2121112	2106433	2116712	0.42	cps
Thallium	205-1	5013810	4982976	5116721	5037835	1.39	cps
Tin	118-1	1832121	1874682	1871613	1859472	1.28	cps
Titanium	47-1	1782209	1829216	1810595	1807340	1.31	cps
Uranium	238-1	6383307	6456532	6558952	6466263	1.36	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:36:23	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	366156	367596	365987	366580	0.24	cps
Ytterbium	172-1	75510	75611	76070	75730	0.39	cps
Ytterbium	172-2	32426	31574	31518	31839	1.60	cps
Ytterbium	176-1	58870	59262	59436	59190	0.49	cps
Ytterbium	176-2	24186	24022	24122	24110	0.34	cps
Yttrium	89-1	37570627	38135040	37165421	37623696	1.29	cps
Yttrium	89-2	2648836	2568817	2654063	2623905	1.82	cps
Zinc	66-2	901030	907589	907638	905419	0.42	cps
Zirconium	90-1	4528772	4558972	4479338	4522361	0.89	cps
Zirconium	91-1	939015	960420	958433	952623	1.24	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:39:17	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	641429	642732	637405	640522	0.43	cps
Antimony	121-1	2559446	2582289	2602760	2581498	0.84	cps
Arsenic	75-2	5725	5601	5441	5589	2.54	cps
Barium	135-1	3128743	3141507	3068635	3112962	1.25	cps
Barium	137-1	5349847	5299135	5357272	5335418	0.59	cps
Beryllium	9-1	533075	542856	539696	538542	0.93	cps
Bismuth	209-1	11833969	12130577	12093951	12019499	1.35	cps
Bismuth	209-2	5246777	5346793	5229214	5274261	1.20	cps
Bromine	81-1	30263	30436	30927	30542	1.13	cps
Cadmium	108-1	46542	47016	47491	47016	1.01	cps
Cadmium	106-1	81277	81771	82699	81916	0.88	cps
Cadmium	111-1	600959	609627	613434	608007	1.05	cps
Calcium	43-1	2546247	2563456	2540059	2549921	0.48	cps
Calcium	44-1	40636817	41408326	40708312	40917818	1.04	cps
Carbon	12-1	3895382	3892450	3925728	3904520	0.47	cps
Carbon	12-2	24861	25482	25342	25228	1.29	cps
Chlorine	35-1	15518581	16679294	17752041	16649972	6.71	cps
Chlorine	35-2	66549	68350	68896	67932	1.81	cps
Chromium	52-2	438279	444375	446121	442925	0.93	cps
Cobalt	59-2	1069067	1086554	1072512	1076045	0.86	cps
Copper	63-2	13114821	13231011	13395106	13246980	1.06	cps
Dysprosium	156-1	397040	403352	407622	402671	1.32	cps
Dysprosium	156-2	136899	139101	136333	137444	1.06	cps
Erbium	164-1	336107	341534	343827	340489	1.16	cps
Erbium	164-2	118636	117267	117846	117916	0.58	cps
Gadolinium	160-1	375187	384156	384357	381233	1.37	cps
Gadolinium	160-2	158277	158482	159741	158833	0.50	cps
Holmium	165-1	20703794	20826810	20886628	20805744	0.45	cps
Holmium	165-2	7565934	7461126	7457617	7494892	0.82	cps
Indium	115-1	17828732	17293896	17804378	17642335	1.71	cps
Indium	115-2	1808792	1788197	1775972	1790987	0.93	cps
Iron	54-2	11139934	11168777	11001632	11103447	0.80	cps
Iron	56-2	208113597	206732770	204845097	206563821	0.79	cps
Iron	57-2	5155552	5246861	5153379	5185264	1.03	cps
Krypton	83-1	767	767	797	777	2.23	cps
Lead	206-1	9882015	9934344	9875877	9897412	0.32	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:39:17	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8513715	8589538	8593234	8565496	0.52	cps
Lead	208-1	38970554	39645054	39545273	39386960	0.92	cps
Lithium	6-1	5479786	5540592	5453421	5491266	0.81	cps
Magnesium	24-2	3521476	3491272	3512835	3508527	0.44	cps
Manganese	55-2	3107869	3105451	3062716	3092012	0.82	cps
Molybdenum	94-1	4244998	4295999	4229308	4256768	0.82	cps
Molybdenum	95-1	4599901	4641500	4573105	4604835	0.75	cps
Molybdenum	96-1	5178577	5246760	5214141	5213159	0.65	cps
Molybdenum	97-1	2896055	2865030	2901402	2887496	0.68	cps
Molybdenum	98-1	7340444	7499199	7430650	7423431	1.07	cps
Neodymium	150-1	487152	498462	492619	492744	1.15	cps
Neodymium	150-2	120704	122768	121168	121547	0.89	cps
Nickel	60-2	246766	249642	247759	248055	0.59	cps
Phosphorus	31-2	28946	29697	28612	29085	1.91	cps
Potassium	39-2	1550649	1556995	1592821	1566822	1.45	cps
Rhodium	103-1	16297229	16087585	16592308	16325707	1.55	cps
Rhodium	103-2	6315537	6385531	6299347	6333472	0.72	cps
Scandium	45-1	11647603	11399512	11431524	11492880	1.17	cps
Scandium	45-2	192259	194339	194012	193537	0.58	cps
Selenium	82-1	37669	38435	38017	38040	1.01	cps
Selenium	77-2	1263	1273	1063	1200	9.87	cps
Selenium	78-2	2497	2290	2444	2410	4.45	cps
Silicon	28-1	25033395	24751897	25251287	25012193	1.00	cps
Silver	107-1	513225	520514	523378	519039	1.01	cps
Silver	109-1	487525	501067	493644	494079	1.37	cps
Sodium	23-2	5501908	5530575	5494472	5508985	0.35	cps
Strontium	86-1	1116409	1136824	1131218	1128150	0.93	cps
Strontium	88-1	10348321	10493420	10422731	10421491	0.70	cps
Sulfur	34-1	603816	607382	612081	607760	0.68	cps
Terbium	159-1	21329511	21893738	21652450	21625233	1.31	cps
Terbium	159-2	7358770	7266341	7238420	7287843	0.86	cps
Thallium	203-1	2154931	2184713	2161147	2166930	0.73	cps
Thallium	205-1	4984493	5100555	5064118	5049722	1.18	cps
Tin	118-1	1859058	1861986	1836003	1852349	0.77	cps
Titanium	47-1	1821737	1853312	1864871	1846640	1.21	cps
Uranium	238-1	6426710	6534297	6486791	6482599	0.83	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066ADL	Dilution Factor :	5
Date & Time Acquired :	2025-05-13 17:39:17	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	374747	369087	371326	371720	0.77	cps
Ytterbium	172-1	76533	78226	77971	77577	1.18	cps
Ytterbium	172-2	31925	32146	32329	32133	0.63	cps
Ytterbium	176-1	58683	59775	59875	59444	1.11	cps
Ytterbium	176-2	24499	24332	24610	24480	0.57	cps
Yttrium	89-1	37802843	37847954	37932444	37861080	0.17	cps
Yttrium	89-2	2636950	2633538	2607869	2626119	0.61	cps
Zinc	66-2	905177	918510	914993	912893	0.76	cps
Zirconium	90-1	4548053	4624599	4568170	4580274	0.87	cps
Zirconium	91-1	956489	967173	966297	963320	0.62	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:42:14	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	212576	216613	214792	214661	0.94	cps
Antimony	121-1	817	753	733	768	5.67	cps
Arsenic	75-2	1960	2030	2010	2000	1.80	cps
Barium	135-1	104761	105504	105123	105129	0.35	cps
Barium	137-1	182658	182976	182968	182868	0.10	cps
Beryllium	9-1	1025	1007	1049	1027	2.02	cps
Bismuth	209-1	12202619	12241239	12211277	12218378	0.17	cps
Bismuth	209-2	5365183	5480199	5412530	5419304	1.07	cps
Bromine	81-1	29050	29822	29585	29486	1.34	cps
Cadmium	108-1	240	213	193	216	10.86	cps
Cadmium	106-1	11408	11141	11301	11284	1.19	cps
Cadmium	111-1	9004	8776	8932	8904	1.31	cps
Calcium	43-1	591129	589180	593057	591122	0.33	cps
Calcium	44-1	9840837	9585511	9700445	9708931	1.32	cps
Carbon	12-1	3542656	3390212	3411719	3448195	2.39	cps
Carbon	12-2	21553	21713	21332	21533	0.89	cps
Chlorine	35-1	1569833	1427538	1324744	1440705	8.54	cps
Chlorine	35-2	4114	4171	3934	4073	3.03	cps
Chromium	52-2	1567	1543	1520	1543	1.51	cps
Cobalt	59-2	88573	88915	89194	88894	0.35	cps
Copper	63-2	2112822	2151828	2078605	2114418	1.73	cps
Dysprosium	156-1	140304	141095	142355	141251	0.73	cps
Dysprosium	156-2	46865	48293	47972	47710	1.57	cps
Erbium	164-1	119568	122104	120577	120750	1.06	cps
Erbium	164-2	41829	40622	41180	41210	1.47	cps
Gadolinium	160-1	132571	134868	135376	134272	1.11	cps
Gadolinium	160-2	56258	57021	56137	56472	0.85	cps
Holmium	165-1	20781795	20846260	20498443	20708833	0.89	cps
Holmium	165-2	7403199	7487356	7474592	7455049	0.61	cps
Indium	115-1	17901859	17583150	17919601	17801537	1.06	cps
Indium	115-2	1806956	1805018	1802511	1804828	0.12	cps
Iron	54-2	4940518	4927365	4854007	4907297	0.95	cps
Iron	56-2	93730295	92085585	91923639	92579840	1.08	cps
Iron	57-2	2416642	2382140	2385503	2394761	0.79	cps
Krypton	83-1	407	447	457	437	6.06	cps
Lead	206-1	375234	377040	377213	376496	0.29	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:42:14	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	315111	318465	318060	317212	0.58	cps
Lead	208-1	1470043	1480940	1480717	1477233	0.42	cps
Lithium	6-1	5536356	5501738	5553634	5530576	0.48	cps
Magnesium	24-2	367446	366224	370588	368086	0.61	cps
Manganese	55-2	505344	504228	503343	504305	0.20	cps
Molybdenum	94-1	26943	27120	26916	26993	0.41	cps
Molybdenum	95-1	3264	2947	2934	3048	6.13	cps
Molybdenum	96-1	9056	8780	8579	8805	2.72	cps
Molybdenum	97-1	2114	1787	1867	1922	8.86	cps
Molybdenum	98-1	4968	4634	4627	4743	4.10	cps
Neodymium	150-1	171360	173358	170769	171829	0.79	cps
Neodymium	150-2	43075	42711	42878	42888	0.43	cps
Nickel	60-2	1977	1813	1810	1867	5.10	cps
Phosphorus	31-2	9403	9750	9627	9593	1.83	cps
Potassium	39-2	229833	231797	232782	231471	0.65	cps
Rhodium	103-1	16475660	16817279	16563302	16618747	1.07	cps
Rhodium	103-2	6494976	6632355	6527759	6551697	1.10	cps
Scandium	45-1	11426430	11485657	11462555	11458214	0.26	cps
Scandium	45-2	192572	194400	192445	193139	0.57	cps
Selenium	82-1	383	217	303	301	27.68	cps
Selenium	77-2	160	243	280	228	27.00	cps
Selenium	78-2	180	143	133	152	16.14	cps
Silicon	28-1	13465185	13074038	13558104	13365776	1.92	cps
Silver	107-1	2690	2587	2587	2621	2.28	cps
Silver	109-1	2494	2420	2317	2410	3.68	cps
Sodium	23-2	79180	78473	78238	78630	0.62	cps
Strontium	86-1	37965	38479	38981	38475	1.32	cps
Strontium	88-1	333470	336077	332271	333939	0.58	cps
Sulfur	34-1	559207	557041	556239	557496	0.28	cps
Terbium	159-1	21524743	21480427	21612177	21539116	0.31	cps
Terbium	159-2	7396909	7332291	7336360	7355187	0.49	cps
Thallium	203-1	3641	3160	3120	3307	8.75	cps
Thallium	205-1	8173	7462	7145	7593	6.93	cps
Tin	118-1	7709	7729	7952	7797	1.73	cps
Titanium	47-1	671255	679458	673476	674730	0.63	cps
Uranium	238-1	17135	17182	16888	17068	0.92	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:42:14	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	8930	8413	8633	8658	3.00	cps
Ytterbium	172-1	30529	30442	30007	30326	0.92	cps
Ytterbium	172-2	12880	12669	12596	12715	1.16	cps
Ytterbium	176-1	21100	21618	21254	21324	1.25	cps
Ytterbium	176-2	8610	8646	8583	8613	0.37	cps
Yttrium	89-1	34637626	34008943	34403919	34350163	0.93	cps
Yttrium	89-2	2384259	2410227	2397709	2397398	0.54	cps
Zinc	66-2	57091	57533	56482	57035	0.93	cps
Zirconium	90-1	70011	70326	71060	70465	0.76	cps
Zirconium	91-1	15385	15649	15529	15521	0.85	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:45:26	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	231710	233396	229840	231648	0.77	cps
Antimony	121-1	633	710	667	670	5.74	cps
Arsenic	75-2	2127	2124	2180	2144	1.48	cps
Barium	135-1	109999	111911	111454	111121	0.90	cps
Barium	137-1	192672	195590	195521	194594	0.86	cps
Beryllium	9-1	951	1047	957	985	5.47	cps
Bismuth	209-1	12435200	12225838	12200997	12287345	1.05	cps
Bismuth	209-2	5425540	5396544	5424416	5415500	0.30	cps
Bromine	81-1	29314	29895	29464	29558	1.02	cps
Cadmium	108-1	260	237	230	242	6.50	cps
Cadmium	106-1	11171	11428	11532	11377	1.63	cps
Cadmium	111-1	8685	8891	9051	8876	2.07	cps
Calcium	43-1	611032	621189	617976	616732	0.84	cps
Calcium	44-1	10139392	10373039	10242351	10251594	1.14	cps
Carbon	12-1	3455172	3426404	3449712	3443763	0.44	cps
Carbon	12-2	21469	21142	21876	21496	1.71	cps
Chlorine	35-1	777213	757301	729915	754810	3.15	cps
Chlorine	35-2	2404	2464	2300	2389	3.46	cps
Chromium	52-2	1573	1630	1517	1573	3.60	cps
Cobalt	59-2	92665	93095	93172	92977	0.29	cps
Copper	63-2	2184968	2165674	2118043	2156228	1.60	cps
Dysprosium	156-1	146547	148690	148811	148016	0.86	cps
Dysprosium	156-2	49568	50528	51268	50455	1.69	cps
Erbium	164-1	123789	125239	125240	124756	0.67	cps
Erbium	164-2	43411	44110	43143	43554	1.15	cps
Gadolinium	160-1	137762	140272	139682	139239	0.94	cps
Gadolinium	160-2	57413	58615	58527	58185	1.15	cps
Holmium	165-1	20886004	20711673	20952416	20850031	0.60	cps
Holmium	165-2	7511480	7525998	7496979	7511486	0.19	cps
Indium	115-1	18279741	18283895	17623460	18062365	2.10	cps
Indium	115-2	1834978	1843170	1808281	1828810	1.00	cps
Iron	54-2	5244094	5370858	5252350	5289101	1.34	cps
Iron	56-2	96415559	99064445	100313792	98597932	2.02	cps
Iron	57-2	2497088	2519875	2568861	2528608	1.45	cps
Krypton	83-1	493	400	447	447	10.45	cps
Lead	206-1	391914	392657	400953	395175	1.27	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:45:26	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	332857	332002	336272	333710	0.68	cps
Lead	208-1	1542924	1547873	1559850	1550216	0.56	cps
Lithium	6-1	5461256	5542199	5534176	5512544	0.81	cps
Magnesium	24-2	391501	388339	383305	387715	1.07	cps
Manganese	55-2	534483	542647	537188	538106	0.77	cps
Molybdenum	94-1	28292	28209	27968	28156	0.60	cps
Molybdenum	95-1	3157	2964	3064	3061	3.16	cps
Molybdenum	96-1	9190	8833	9380	9134	3.04	cps
Molybdenum	97-1	1673	1780	1837	1763	4.70	cps
Molybdenum	98-1	4678	4888	4611	4725	3.06	cps
Neodymium	150-1	178373	181189	180997	180186	0.87	cps
Neodymium	150-2	44861	44942	45015	44939	0.17	cps
Nickel	60-2	2080	2050	2037	2056	1.08	cps
Phosphorus	31-2	9523	10127	10017	9889	3.25	cps
Potassium	39-2	237264	242570	239409	239748	1.11	cps
Rhodium	103-1	16802942	16791959	16735581	16776827	0.22	cps
Rhodium	103-2	6537578	6545506	6463716	6515600	0.69	cps
Scandium	45-1	11408367	11436128	11714492	11519662	1.47	cps
Scandium	45-2	192437	193205	191822	192488	0.36	cps
Selenium	82-1	257	310	243	270	13.07	cps
Selenium	77-2	253	203	233	230	10.94	cps
Selenium	78-2	120	193	150	154	23.87	cps
Silicon	28-1	14277897	14362726	14372966	14337863	0.36	cps
Silver	107-1	2417	2370	2534	2440	3.45	cps
Silver	109-1	2004	2087	2100	2064	2.54	cps
Sodium	23-2	80343	81758	80112	80737	1.10	cps
Strontium	86-1	40355	40468	40706	40510	0.44	cps
Strontium	88-1	349828	347996	354399	350741	0.94	cps
Sulfur	34-1	551935	551595	551595	551709	0.04	cps
Terbium	159-1	21709876	21693176	21084559	21495870	1.66	cps
Terbium	159-2	7378460	7252800	7420377	7350545	1.19	cps
Thallium	203-1	2580	2620	2514	2571	2.10	cps
Thallium	205-1	5921	5758	6011	5897	2.18	cps
Tin	118-1	8433	8129	7782	8115	4.01	cps
Titanium	47-1	716945	724971	729758	723891	0.89	cps
Uranium	238-1	17896	17749	18040	17895	0.81	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:45:26	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	9440	9397	8910	9249	3.18	cps
Ytterbium	172-1	30866	31210	31060	31045	0.56	cps
Ytterbium	172-2	13797	13737	13444	13659	1.39	cps
Ytterbium	176-1	21728	21965	21715	21803	0.65	cps
Ytterbium	176-2	8870	9380	8973	9074	2.97	cps
Yttrium	89-1	35205364	35029941	34821837	35019047	0.55	cps
Yttrium	89-2	2410826	2482581	2428338	2440582	1.53	cps
Zinc	66-2	59990	61094	59919	60334	1.09	cps
Zirconium	90-1	71941	74142	73402	73162	1.53	cps
Zirconium	91-1	15455	16183	16149	15929	2.58	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LDL2X125	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066LDL2	Dilution Factor :	125
Date & Time Acquired :	2025-05-13 17:48:42	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42305	42248	43077	42543	1.09	cps
Antimony	121-1	403	407	447	419	5.76	cps
Arsenic	75-2	413	400	380	398	4.22	cps
Barium	135-1	20703	20873	21273	20950	1.40	cps
Barium	137-1	36917	36733	37194	36948	0.63	cps
Beryllium	9-1	301	325	299	308	4.70	cps
Bismuth	209-1	12449565	12428027	12417336	12431643	0.13	cps
Bismuth	209-2	5282869	5308553	5441762	5344395	1.60	cps
Bromine	81-1	29331	29762	29702	29598	0.79	cps
Cadmium	108-1	80	100	47	76	35.66	cps
Cadmium	106-1	10461	10347	10221	10343	1.16	cps
Cadmium	111-1	7550	7360	7402	7437	1.34	cps
Calcium	43-1	118006	118163	118469	118213	0.20	cps
Calcium	44-1	2033523	1993679	1972241	1999814	1.56	cps
Carbon	12-1	3482692	3385000	3322327	3396673	2.38	cps
Carbon	12-2	21202	20578	21256	21012	1.79	cps
Chlorine	35-1	519887	505023	496573	507161	2.33	cps
Chlorine	35-2	1703	1580	1690	1658	4.08	cps
Chromium	52-2	1173	1180	1153	1169	1.19	cps
Cobalt	59-2	17044	18018	17671	17578	2.81	cps
Copper	63-2	393263	395391	392083	393579	0.43	cps
Dysprosium	156-1	27682	28080	28056	27939	0.80	cps
Dysprosium	156-2	9387	9510	9507	9468	0.74	cps
Erbium	164-1	23371	23427	24469	23756	2.60	cps
Erbium	164-2	8113	8269	8406	8263	1.78	cps
Gadolinium	160-1	26713	25872	26533	26373	1.68	cps
Gadolinium	160-2	11542	11665	11178	11462	2.21	cps
Holmium	165-1	20742693	20672241	20861852	20758929	0.46	cps
Holmium	165-2	7247927	7413469	7354434	7338610	1.14	cps
Indium	115-1	18138948	18065051	17871641	18025214	0.77	cps
Indium	115-2	1792653	1753488	1841239	1795793	2.45	cps
Iron	54-2	957290	959078	960653	959007	0.18	cps
Iron	56-2	18588518	18371378	18789200	18583032	1.12	cps
Iron	57-2	443878	444928	448641	445816	0.56	cps
Krypton	83-1	270	350	257	292	17.27	cps
Lead	206-1	74579	76514	76293	75795	1.40	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LDL2X125	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066LDL2	Dilution Factor :	125
Date & Time Acquired :	2025-05-13 17:48:42	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	63059	63933	64098	63697	0.88	cps
Lead	208-1	294620	296245	295360	295409	0.28	cps
Lithium	6-1	5381013	5451303	5596808	5476374	2.01	cps
Magnesium	24-2	73926	73712	71464	73034	1.87	cps
Manganese	55-2	103136	101645	102279	102353	0.73	cps
Molybdenum	94-1	5791	6125	6198	6038	3.59	cps
Molybdenum	95-1	733	603	710	682	10.16	cps
Molybdenum	96-1	2077	2000	1890	1989	4.72	cps
Molybdenum	97-1	410	423	420	418	1.66	cps
Molybdenum	98-1	1090	1107	1080	1092	1.23	cps
Neodymium	150-1	34648	34591	33659	34299	1.62	cps
Neodymium	150-2	8456	8576	8539	8524	0.72	cps
Nickel	60-2	507	630	533	557	11.66	cps
Phosphorus	31-2	1987	1973	1980	1980	0.34	cps
Potassium	39-2	56366	55998	56339	56235	0.36	cps
Rhodium	103-1	16837196	16971623	16802073	16870298	0.53	cps
Rhodium	103-2	6481639	6375694	6579164	6478832	1.57	cps
Scandium	45-1	11679237	11621835	11474274	11591782	0.91	cps
Scandium	45-2	189241	190719	194772	191578	1.49	cps
Selenium	82-1	123	73	80	92	29.44	cps
Selenium	77-2	60	50	40	50	20.00	cps
Selenium	78-2	37	37	40	38	5.09	cps
Silicon	28-1	3033729	3043868	3051311	3042969	0.29	cps
Silver	107-1	713	637	743	698	7.88	cps
Silver	109-1	573	503	643	573	12.21	cps
Sodium	23-2	36218	37000	35767	36329	1.72	cps
Strontium	86-1	8126	7979	8229	8111	1.55	cps
Strontium	88-1	67596	67194	66370	67053	0.93	cps
Sulfur	34-1	527625	528106	530758	528830	0.32	cps
Terbium	159-1	22025000	21521932	21468496	21671809	1.42	cps
Terbium	159-2	7085461	7053453	7284370	7141095	1.75	cps
Thallium	203-1	1063	943	993	1000	6.03	cps
Thallium	205-1	2204	2484	2264	2317	6.36	cps
Tin	118-1	4167	4024	3951	4047	2.72	cps
Titanium	47-1	134814	133336	133447	133866	0.61	cps
Uranium	238-1	3374	3304	3577	3418	4.15	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01LDL2X125	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066LDL2	Dilution Factor :	125
Date & Time Acquired :	2025-05-13 17:48:42	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1763	1680	1740	1728	2.49	cps
Ytterbium	172-1	6155	6145	6105	6135	0.43	cps
Ytterbium	172-2	2457	2554	2664	2558	4.04	cps
Ytterbium	176-1	6068	6465	6068	6200	3.70	cps
Ytterbium	176-2	2250	2224	2187	2220	1.43	cps
Yttrium	89-1	33271922	33733815	33071299	33359012	1.02	cps
Yttrium	89-2	2258612	2292038	2312413	2287688	1.19	cps
Zinc	66-2	12919	12933	12889	12914	0.17	cps
Zirconium	90-1	15272	15552	15145	15323	1.36	cps
Zirconium	91-1	3220	3460	3410	3364	3.77	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:51:58	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3629477	3617816	3646277	3631190	0.39	cps
Antimony	121-1	12181742	12119635	12410836	12237404	1.25	cps
Arsenic	75-2	222137	224606	223657	223467	0.56	cps
Barium	135-1	14468664	14711555	14669194	14616471	0.89	cps
Barium	137-1	25172356	25244687	25344069	25253704	0.34	cps
Beryllium	9-1	2480477	2493566	2505622	2493222	0.50	cps
Bismuth	209-1	10512245	10324167	10537535	10457982	1.11	cps
Bismuth	209-2	4555893	4575782	4637754	4589810	0.93	cps
Bromine	81-1	27908	26989	26422	27106	2.77	cps
Cadmium	108-1	227066	230062	229629	228919	0.71	cps
Cadmium	106-1	332503	336786	332506	333932	0.74	cps
Cadmium	111-1	2990165	3005957	3014094	3003405	0.41	cps
Calcium	43-1	18873270	18546383	18857151	18758934	0.98	cps
Calcium	44-1	309466482	302768982	305270009	305835158	1.11	cps
Carbon	12-1	3894565	4020802	3964712	3960026	1.60	cps
Carbon	12-2	29483	29807	29463	29584	0.65	cps
Chlorine	35-1	437183	432122	431634	433647	0.71	cps
Chlorine	35-2	1590	1560	1477	1542	3.81	cps
Chromium	52-2	2309495	2343995	2325377	2326289	0.74	cps
Cobalt	59-2	4144507	4245732	4178238	4189492	1.23	cps
Copper	63-2	32318928	32586460	32409453	32438280	0.42	cps
Dysprosium	156-1	850	887	767	834	7.37	cps
Dysprosium	156-2	177	150	203	177	15.10	cps
Erbium	164-1	607	740	687	678	9.90	cps
Erbium	164-2	257	223	183	221	16.60	cps
Gadolinium	160-1	553	573	570	566	1.89	cps
Gadolinium	160-2	187	213	210	203	7.15	cps
Holmium	165-1	19039183	19316695	19107303	19154394	0.76	cps
Holmium	165-2	6909490	6917193	6964258	6930314	0.43	cps
Indium	115-1	15809921	15371007	15743144	15641357	1.51	cps
Indium	115-2	1442667	1450766	1450398	1447943	0.32	cps
Iron	54-2	22429341	22815055	22909792	22718063	1.12	cps
Iron	56-2	421916514	417427660	420891007	420078394	0.56	cps
Iron	57-2	10350433	10397214	10492048	10413232	0.69	cps
Krypton	83-1	337	287	303	309	8.24	cps
Lead	206-1	41287354	41491873	41692794	41490674	0.49	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:51:58	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	35299007	35711925	35356019	35455651	0.63	cps
Lead	208-1	163690360	164030230	163781625	163834072	0.11	cps
Lithium	6-1	4826015	4904569	5008194	4912926	1.86	cps
Magnesium	24-2	64522679	63160236	64372064	64018326	1.17	cps
Manganese	55-2	9339215	9498198	9364999	9400804	0.91	cps
Molybdenum	94-1	43727758	43651863	43728529	43702717	0.10	cps
Molybdenum	95-1	62638072	62953879	62564547	62718833	0.33	cps
Molybdenum	96-1	67743621	68517356	67077274	67779417	1.06	cps
Molybdenum	97-1	38435204	38527351	38185896	38382817	0.46	cps
Molybdenum	98-1	101023595	100149149	100988822	100720522	0.49	cps
Neodymium	150-1	1273	1220	1263	1252	2.26	cps
Neodymium	150-2	120	107	73	100	24.04	cps
Nickel	60-2	1075146	1091099	1079213	1081819	0.77	cps
Phosphorus	31-2	33933	34879	34057	34289	1.50	cps
Potassium	39-2	20390470	21052010	20230143	20557541	2.12	cps
Rhodium	103-1	14020086	13894956	14012091	13975711	0.50	cps
Rhodium	103-2	5503390	5495391	5351448	5450076	1.57	cps
Scandium	45-1	10241563	10419608	10291962	10317711	0.89	cps
Scandium	45-2	177066	179186	177368	177873	0.64	cps
Selenium	82-1	172649	176182	174592	174475	1.01	cps
Selenium	77-2	2674	2740	2817	2744	2.61	cps
Selenium	78-2	9493	9130	9206	9276	2.07	cps
Silicon	28-1	56211119	57391896	56375472	56659496	1.13	cps
Silver	107-1	14389544	14847736	14684203	14640494	1.59	cps
Silver	109-1	13817384	13945483	14024236	13929034	0.75	cps
Sodium	23-2	128165191	128266888	130432948	128955009	0.99	cps
Strontium	86-1	4012040	4034876	4041901	4029606	0.39	cps
Strontium	88-1	35157681	35391137	35306239	35285019	0.33	cps
Sulfur	34-1	1463217	1459866	1434749	1452611	1.07	cps
Terbium	159-1	19594469	19781343	19827707	19734506	0.63	cps
Terbium	159-2	6682295	6754578	6678043	6704972	0.64	cps
Thallium	203-1	10198558	10309227	10223166	10243650	0.57	cps
Thallium	205-1	24152363	24484110	24200356	24278943	0.74	cps
Tin	118-1	9805657	9806490	9946959	9853035	0.83	cps
Titanium	47-1	17041416	17318493	16962304	17107404	1.09	cps
Uranium	238-1	31691882	31880404	32657008	32076431	1.59	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:51:58	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1741978	1786105	1792292	1773458	1.55	cps
Ytterbium	172-1	933	947	1007	962	4.06	cps
Ytterbium	172-2	310	403	353	356	13.14	cps
Ytterbium	176-1	52133	53016	53183	52777	1.07	cps
Ytterbium	176-2	18279	18583	18600	18487	0.98	cps
Yttrium	89-1	30458920	30117052	30171640	30249204	0.61	cps
Yttrium	89-2	2117634	2069775	2053812	2080407	1.60	cps
Zinc	66-2	3604293	3584302	3609761	3599452	0.37	cps
Zirconium	90-1	21948574	21892515	21850624	21897237	0.22	cps
Zirconium	91-1	4839532	4872186	4867371	4859696	0.36	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:54:45	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2207	2127	2227	2187	2.42	cps
Antimony	121-1	3447	3200	2680	3109	12.59	cps
Arsenic	75-2	10	7	10	9	21.63	cps
Barium	135-1	493	410	397	433	12.09	cps
Barium	137-1	857	697	627	727	16.22	cps
Beryllium	9-1	451	364	335	383	15.80	cps
Bismuth	209-1	12730519	12529248	12646711	12635493	0.80	cps
Bismuth	209-2	5369934	5435100	5419114	5408049	0.63	cps
Bromine	81-1	27343	27771	27323	27479	0.92	cps
Cadmium	108-1	53	63	53	57	10.19	cps
Cadmium	106-1	10671	10087	10150	10303	3.11	cps
Cadmium	111-1	7589	7217	7188	7331	3.05	cps
Calcium	43-1	1330	1130	1110	1190	10.22	cps
Calcium	44-1	31325	29675	28970	29990	4.03	cps
Carbon	12-1	3713651	3631767	3596218	3647212	1.65	cps
Carbon	12-2	23335	22938	23382	23218	1.05	cps
Chlorine	35-1	359614	361871	358031	359839	0.54	cps
Chlorine	35-2	1220	1100	1190	1170	5.34	cps
Chromium	52-2	1060	1120	1073	1084	2.91	cps
Cobalt	59-2	173	183	153	170	8.99	cps
Copper	63-2	1720	1853	1820	1798	3.86	cps
Dysprosium	156-1	163	147	150	153	5.75	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	160	147	120	142	14.32	cps
Erbium	164-2	67	63	37	56	29.59	cps
Gadolinium	160-1	127	63	123	104	34.13	cps
Gadolinium	160-2	20	30	37	29	29.04	cps
Holmium	165-1	20554716	20625022	20247948	20475895	0.98	cps
Holmium	165-2	7480281	7355967	7343517	7393255	1.02	cps
Indium	115-1	17696058	17848418	17770512	17771663	0.43	cps
Indium	115-2	1761465	1787218	1774190	1774291	0.73	cps
Iron	54-2	1037	1063	1087	1062	2.36	cps
Iron	56-2	15599	14130	14347	14692	5.40	cps
Iron	57-2	353	323	437	371	15.82	cps
Krypton	83-1	233	343	233	270	23.52	cps
Lead	206-1	4201	3684	3447	3777	10.20	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:54:45	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3287	3234	2880	3134	7.05	cps
Lead	208-1	15707	14450	13333	14497	8.19	cps
Lithium	6-1	5630758	5718650	5617091	5655499	0.97	cps
Magnesium	24-2	1310	1243	1210	1255	4.06	cps
Manganese	55-2	2570	2440	2337	2449	4.77	cps
Molybdenum	94-1	3244	2674	2660	2859	11.65	cps
Molybdenum	95-1	2544	2054	1660	2086	21.22	cps
Molybdenum	96-1	2957	2637	2337	2644	11.73	cps
Molybdenum	97-1	1493	1320	1023	1279	18.59	cps
Molybdenum	98-1	3997	3104	2617	3239	21.61	cps
Neodymium	150-1	43	27	37	36	23.58	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	263	233	263	253	6.84	cps
Phosphorus	31-2	97	110	90	99	10.30	cps
Potassium	39-2	13496	12986	13450	13311	2.12	cps
Rhodium	103-1	16736745	16474808	16644914	16618822	0.80	cps
Rhodium	103-2	6519970	6494328	6386739	6467012	1.09	cps
Scandium	45-1	11100754	11364200	11218071	11227675	1.18	cps
Scandium	45-2	191309	189557	188864	189910	0.66	cps
Selenium	82-1	60	-23	10	16	269.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	33	7	16	98.94	cps
Silicon	28-1	457523	451962	446136	451873	1.26	cps
Silver	107-1	1687	1313	1033	1345	24.38	cps
Silver	109-1	1387	1150	897	1145	21.41	cps
Sodium	23-2	35801	35580	35246	35542	0.79	cps
Strontium	86-1	583	497	520	533	8.41	cps
Strontium	88-1	1227	1093	1083	1135	7.05	cps
Sulfur	34-1	536266	537731	539945	537980	0.34	cps
Terbium	159-1	21748861	21519594	21622025	21630160	0.53	cps
Terbium	159-2	7081264	7106556	7238803	7142208	1.18	cps
Thallium	203-1	1293	1150	1020	1155	11.84	cps
Thallium	205-1	2714	2797	2664	2725	2.47	cps
Tin	118-1	5308	4868	4971	5049	4.56	cps
Titanium	47-1	740	687	580	669	12.18	cps
Uranium	238-1	860	583	523	656	27.39	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 17:54:45	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40	40	50	43	13.32	cps
Ytterbium	172-1	147	140	130	139	6.04	cps
Ytterbium	172-2	43	67	57	56	21.08	cps
Ytterbium	176-1	2530	2440	2424	2465	2.33	cps
Ytterbium	176-2	660	597	583	613	6.68	cps
Yttrium	89-1	32411872	32038790	31988297	32146320	0.72	cps
Yttrium	89-2	2276823	2207791	2204911	2229841	1.83	cps
Zinc	66-2	633	663	697	664	4.77	cps
Zirconium	90-1	4744	4364	4177	4429	6.52	cps
Zirconium	91-1	1090	1000	823	971	13.97	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:58:05	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103367	102928	100853	102383	1.31	cps
Antimony	121-1	463586	471974	469439	468333	0.92	cps
Arsenic	75-2	840	977	1017	944	9.81	cps
Barium	135-1	540770	550439	550090	547100	1.00	cps
Barium	137-1	936337	963792	949394	949841	1.45	cps
Beryllium	9-1	102858	104849	104227	103978	0.98	cps
Bismuth	209-1	12452340	11977523	12494869	12308244	2.33	cps
Bismuth	209-2	5380006	5461651	5406242	5415967	0.77	cps
Bromine	81-1	28723	29100	28967	28930	0.66	cps
Cadmium	108-1	8876	8643	9110	8876	2.63	cps
Cadmium	106-1	24171	24258	24068	24166	0.39	cps
Cadmium	111-1	125040	127234	126223	126166	0.87	cps
Calcium	43-1	456683	461551	461087	459774	0.58	cps
Calcium	44-1	7575966	7750588	7538646	7621733	1.48	cps
Carbon	12-1	3555631	3516407	3407424	3493154	2.20	cps
Carbon	12-2	21816	21633	21399	21616	0.97	cps
Chlorine	35-1	2927930	3217968	3306846	3150914	6.29	cps
Chlorine	35-2	12656	12752	13193	12867	2.23	cps
Chromium	52-2	87988	86436	85376	86600	1.52	cps
Cobalt	59-2	206715	206313	205964	206331	0.18	cps
Copper	63-2	2529692	2513463	2538397	2527184	0.50	cps
Dysprosium	156-1	81131	81801	83746	82226	1.65	cps
Dysprosium	156-2	27799	27445	27181	27475	1.13	cps
Erbium	164-1	68465	69048	68308	68607	0.57	cps
Erbium	164-2	23447	22833	23337	23206	1.41	cps
Gadolinium	160-1	77034	76417	77956	77136	1.00	cps
Gadolinium	160-2	32192	32312	31898	32134	0.66	cps
Holmium	165-1	20361064	20687889	20048088	20365680	1.57	cps
Holmium	165-2	7526275	7568187	7522322	7538928	0.34	cps
Indium	115-1	17662122	17549281	17877012	17696139	0.94	cps
Indium	115-2	1758672	1810171	1837001	1801948	2.21	cps
Iron	54-2	2058437	1996077	1989777	2014764	1.88	cps
Iron	56-2	36688330	36714853	36580391	36661191	0.19	cps
Iron	57-2	879547	892239	882861	884882	0.74	cps
Krypton	83-1	370	350	407	376	7.65	cps
Lead	206-1	1965352	2017098	2028976	2003809	1.69	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:58:05	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1695770	1620793	1725746	1680770	3.22	cps
Lead	208-1	7836301	7900227	7952347	7896292	0.74	cps
Lithium	6-1	5537181	5701591	5592311	5610361	1.49	cps
Magnesium	24-2	665127	668904	650176	661402	1.50	cps
Manganese	55-2	568660	567498	568621	568260	0.12	cps
Molybdenum	94-1	779780	791047	790085	786971	0.79	cps
Molybdenum	95-1	840722	841800	853265	845263	0.82	cps
Molybdenum	96-1	943910	950820	948571	947767	0.37	cps
Molybdenum	97-1	522503	522352	523352	522736	0.10	cps
Molybdenum	98-1	1348389	1345735	1429265	1374463	3.45	cps
Neodymium	150-1	99223	100408	101168	100266	0.98	cps
Neodymium	150-2	24937	24613	24472	24674	0.96	cps
Nickel	60-2	47757	48288	48071	48039	0.56	cps
Phosphorus	31-2	5705	5728	5664	5699	0.56	cps
Potassium	39-2	257776	262339	259242	259786	0.90	cps
Rhodium	103-1	16697278	16455309	16472688	16541758	0.82	cps
Rhodium	103-2	6484124	6487992	6515297	6495804	0.26	cps
Scandium	45-1	11365534	11445461	11521094	11444030	0.68	cps
Scandium	45-2	193118	193789	191809	192905	0.52	cps
Selenium	82-1	7149	7442	7105	7232	2.53	cps
Selenium	77-2	270	297	257	274	7.42	cps
Selenium	78-2	430	590	480	500	16.37	cps
Silicon	28-1	6327438	6323423	6524258	6391706	1.80	cps
Silver	107-1	99280	101691	101986	100986	1.47	cps
Silver	109-1	95374	97159	94541	95691	1.40	cps
Sodium	23-2	1127270	1097701	1084624	1103198	1.98	cps
Strontium	86-1	199997	200851	202698	201182	0.69	cps
Strontium	88-1	1887398	1878275	1873670	1879781	0.37	cps
Sulfur	34-1	556677	555601	553798	555359	0.26	cps
Terbium	159-1	21335894	21354207	21542549	21410883	0.53	cps
Terbium	159-2	7160170	7348496	7221358	7243341	1.33	cps
Thallium	203-1	393551	397321	399988	396953	0.81	cps
Thallium	205-1	941382	951986	946096	946488	0.56	cps
Tin	118-1	341438	345072	348413	344974	1.01	cps
Titanium	47-1	252333	253468	253666	253156	0.28	cps
Uranium	238-1	1192139	1195067	1220242	1202483	1.28	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 17:58:05	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	70720	71966	70630	71105	1.05	cps
Ytterbium	172-1	15039	15513	15629	15393	2.03	cps
Ytterbium	172-2	6905	6835	6708	6816	1.46	cps
Ytterbium	176-1	14208	13951	14284	14148	1.24	cps
Ytterbium	176-2	5328	5134	5314	5259	2.05	cps
Yttrium	89-1	33830641	33364810	33695230	33630227	0.71	cps
Yttrium	89-2	2319488	2323033	2305438	2315986	0.40	cps
Zinc	66-2	178357	176247	177399	177334	0.60	cps
Zirconium	90-1	818119	829787	846506	831471	1.72	cps
Zirconium	91-1	183251	186838	185349	185146	0.97	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 18:01:19	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127100	126851	126458	126803	0.26	cps
Antimony	121-1	523676	528749	523211	525212	0.58	cps
Arsenic	75-2	983	1003	1093	1027	5.71	cps
Barium	135-1	566329	573288	572407	570675	0.66	cps
Barium	137-1	985002	995808	999250	993353	0.75	cps
Beryllium	9-1	105393	105928	105372	105564	0.30	cps
Bismuth	209-1	12245617	12467937	12545841	12419799	1.25	cps
Bismuth	209-2	5325170	5334532	5357772	5339158	0.31	cps
Bromine	81-1	29411	29575	29074	29353	0.87	cps
Cadmium	108-1	9363	9163	9313	9280	1.12	cps
Cadmium	106-1	24342	25053	24385	24593	1.62	cps
Cadmium	111-1	125574	128243	126776	126864	1.05	cps
Calcium	43-1	476577	483654	479047	479759	0.75	cps
Calcium	44-1	8081060	7873392	8082766	8012406	1.50	cps
Carbon	12-1	3537940	3436283	3447945	3474056	1.60	cps
Carbon	12-2	21706	21499	21299	21501	0.95	cps
Chlorine	35-1	3193039	3412226	3476370	3360545	4.42	cps
Chlorine	35-2	13370	13633	13230	13411	1.53	cps
Chromium	52-2	88280	87274	87106	87554	0.73	cps
Cobalt	59-2	215538	212861	212455	213618	0.78	cps
Copper	63-2	2671807	2676568	2685742	2678039	0.26	cps
Dysprosium	156-1	78163	78904	79786	78951	1.03	cps
Dysprosium	156-2	26072	26206	26837	26372	1.55	cps
Erbium	164-1	66652	66827	65453	66311	1.13	cps
Erbium	164-2	22496	23200	22339	22678	2.02	cps
Gadolinium	160-1	72030	74996	73970	73665	2.05	cps
Gadolinium	160-2	31480	31203	30876	31186	0.97	cps
Holmium	165-1	20868721	20769398	20632938	20757019	0.57	cps
Holmium	165-2	7478508	7479838	7395534	7451293	0.65	cps
Indium	115-1	17982171	17999569	17821327	17934356	0.55	cps
Indium	115-2	1810200	1780072	1784039	1791437	0.91	cps
Iron	54-2	2210415	2216944	2198086	2208482	0.43	cps
Iron	56-2	40313151	40111104	40608932	40344396	0.62	cps
Iron	57-2	987347	973316	983109	981257	0.73	cps
Krypton	83-1	437	397	443	426	5.93	cps
Lead	206-1	1986633	2010402	2011505	2002847	0.70	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 18:01:19	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1614040	1691419	1698864	1668108	2.82	cps
Lead	208-1	7799944	7912051	7952042	7888012	1.00	cps
Lithium	6-1	5486745	5555752	5531390	5524629	0.63	cps
Magnesium	24-2	694764	686780	690954	690833	0.58	cps
Manganese	55-2	579769	579441	581468	580226	0.19	cps
Molybdenum	94-1	786543	799792	796568	794301	0.87	cps
Molybdenum	95-1	845381	849027	852834	849081	0.44	cps
Molybdenum	96-1	942645	961489	957865	954000	1.05	cps
Molybdenum	97-1	529609	530299	526319	528742	0.40	cps
Molybdenum	98-1	1356962	1442626	1438421	1412670	3.42	cps
Neodymium	150-1	95447	96296	97534	96426	1.09	cps
Neodymium	150-2	23537	23517	23571	23542	0.11	cps
Nickel	60-2	49693	48984	49205	49294	0.74	cps
Phosphorus	31-2	6068	5761	5681	5837	3.50	cps
Potassium	39-2	311850	310663	312804	311773	0.34	cps
Rhodium	103-1	16315129	16653065	16902611	16623602	1.77	cps
Rhodium	103-2	6551160	6388384	6435029	6458191	1.30	cps
Scandium	45-1	11492646	11325226	11478836	11432236	0.81	cps
Scandium	45-2	194948	193887	195170	194668	0.35	cps
Selenium	82-1	7606	7672	7449	7576	1.51	cps
Selenium	77-2	273	220	200	231	16.40	cps
Selenium	78-2	490	440	453	461	5.61	cps
Silicon	28-1	5179499	5120415	5249067	5182994	1.24	cps
Silver	107-1	101275	102577	102544	102132	0.73	cps
Silver	109-1	95766	97613	98435	97271	1.41	cps
Sodium	23-2	1130235	1136031	1105087	1123784	1.46	cps
Strontium	86-1	220511	221663	222164	221446	0.38	cps
Strontium	88-1	2042266	2049025	2044707	2045333	0.17	cps
Sulfur	34-1	560236	559650	553144	557677	0.71	cps
Terbium	159-1	21264487	21831291	21779576	21625118	1.45	cps
Terbium	159-2	7402639	7195007	7379190	7325612	1.55	cps
Thallium	203-1	399044	400893	404939	401625	0.75	cps
Thallium	205-1	959669	961263	963179	961370	0.18	cps
Tin	118-1	346010	352120	355905	351345	1.42	cps
Titanium	47-1	347736	350729	349793	349419	0.44	cps
Uranium	238-1	1199777	1222335	1222528	1214880	1.08	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 18:01:19	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	73478	71695	73883	73018	1.59	cps
Ytterbium	172-1	15089	15296	14945	15110	1.17	cps
Ytterbium	172-2	6178	6395	6335	6303	1.78	cps
Ytterbium	176-1	13177	13927	13837	13647	3.00	cps
Ytterbium	176-2	5204	5324	5274	5268	1.14	cps
Yttrium	89-1	33455811	34021817	34281207	33919612	1.24	cps
Yttrium	89-2	2306870	2322417	2321152	2316813	0.37	cps
Zinc	66-2	182269	179987	180365	180874	0.68	cps
Zirconium	90-1	829969	851489	848480	843313	1.38	cps
Zirconium	91-1	184372	189361	188638	187457	1.44	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066ADL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 18:04:29	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123103	121395	124282	122927	1.18	cps
Antimony	121-1	568383	570666	570995	570015	0.25	cps
Arsenic	75-2	1063	967	1053	1028	5.17	cps
Barium	135-1	563145	568902	567923	566657	0.54	cps
Barium	137-1	977692	987747	990575	985338	0.69	cps
Beryllium	9-1	103563	105155	105226	104648	0.90	cps
Bismuth	209-1	12542910	12398006	12437213	12459376	0.60	cps
Bismuth	209-2	5575957	5351721	5383948	5437209	2.23	cps
Bromine	81-1	28990	28185	28710	28628	1.43	cps
Cadmium	108-1	9040	9277	9206	9174	1.33	cps
Cadmium	106-1	23934	24512	25036	24494	2.25	cps
Cadmium	111-1	123667	126299	127078	125681	1.42	cps
Calcium	43-1	474274	478647	480521	477814	0.67	cps
Calcium	44-1	7873448	8023924	7950146	7949173	0.95	cps
Carbon	12-1	3442064	3466240	3392252	3433518	1.10	cps
Carbon	12-2	21883	22350	21489	21908	1.97	cps
Chlorine	35-1	3194993	3402470	3569273	3388912	5.53	cps
Chlorine	35-2	13280	12923	13286	13163	1.58	cps
Chromium	52-2	87555	85889	86462	86636	0.98	cps
Cobalt	59-2	208610	212445	206868	209308	1.36	cps
Copper	63-2	2599490	2580238	2666195	2615307	1.72	cps
Dysprosium	156-1	75605	79357	79186	78049	2.71	cps
Dysprosium	156-2	26229	25698	25888	25939	1.04	cps
Erbium	164-1	64382	65333	67088	65601	2.09	cps
Erbium	164-2	22015	22529	22830	22458	1.83	cps
Gadolinium	160-1	72931	73933	74540	73801	1.10	cps
Gadolinium	160-2	30535	30872	30842	30750	0.61	cps
Holmium	165-1	20666933	20869181	20875315	20803810	0.57	cps
Holmium	165-2	7653656	7513622	7546169	7571149	0.97	cps
Indium	115-1	17758904	18057033	18035679	17950539	0.93	cps
Indium	115-2	1838219	1772887	1803674	1804927	1.81	cps
Iron	54-2	2179718	2185661	2155503	2173628	0.73	cps
Iron	56-2	39362077	40176679	40072495	39870417	1.11	cps
Iron	57-2	955784	972184	973380	967116	1.02	cps
Krypton	83-1	400	307	357	354	13.18	cps
Lead	206-1	1953045	1944334	1995705	1964361	1.40	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066ADL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 18:04:29	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1582009	1620239	1609624	1603957	1.23	cps
Lead	208-1	7708115	7727519	7733420	7723018	0.17	cps
Lithium	6-1	5596557	5454454	5690010	5580340	2.13	cps
Magnesium	24-2	670282	674437	678114	674277	0.58	cps
Manganese	55-2	565078	570186	569966	568410	0.51	cps
Molybdenum	94-1	783049	793895	783397	786780	0.78	cps
Molybdenum	95-1	842509	837020	847329	842286	0.61	cps
Molybdenum	96-1	937777	943791	958947	946838	1.15	cps
Molybdenum	97-1	521083	526834	518828	522248	0.79	cps
Molybdenum	98-1	1328124	1352302	1343501	1341309	0.91	cps
Neodymium	150-1	94547	95537	95194	95093	0.53	cps
Neodymium	150-2	23507	23668	23818	23664	0.66	cps
Nickel	60-2	47225	48696	48753	48225	1.80	cps
Phosphorus	31-2	5588	5828	5544	5653	2.70	cps
Potassium	39-2	306617	312591	310339	309849	0.97	cps
Rhodium	103-1	16493507	16738466	16605776	16612583	0.74	cps
Rhodium	103-2	6673749	6403576	6457205	6511510	2.20	cps
Scandium	45-1	11458275	11585822	11523536	11522544	0.55	cps
Scandium	45-2	195634	195001	193596	194744	0.54	cps
Selenium	82-1	7222	7759	7159	7380	4.47	cps
Selenium	77-2	223	243	297	254	14.90	cps
Selenium	78-2	553	460	490	501	9.51	cps
Silicon	28-1	5136324	5154535	5132492	5141117	0.23	cps
Silver	107-1	99592	101705	102229	101175	1.38	cps
Silver	109-1	94773	96992	98804	96856	2.08	cps
Sodium	23-2	1065817	1128421	1106176	1100138	2.88	cps
Strontium	86-1	218808	218799	220045	219217	0.33	cps
Strontium	88-1	1985362	2033805	2036789	2018652	1.43	cps
Sulfur	34-1	555984	551142	554426	553850	0.45	cps
Terbium	159-1	21659612	21574716	21796168	21676832	0.52	cps
Terbium	159-2	7424628	7152707	7348970	7308768	1.92	cps
Thallium	203-1	397256	400388	400389	399345	0.45	cps
Thallium	205-1	941758	960562	946761	949693	1.03	cps
Tin	118-1	345316	350113	351139	348856	0.89	cps
Titanium	47-1	340700	346056	349591	345449	1.30	cps
Uranium	238-1	1183971	1209526	1210850	1201449	1.26	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	Q1955-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	LAW-25-0066ADL2	Dilution Factor :	25
Date & Time Acquired :	2025-05-13 18:04:29	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	70094	71119	72201	71138	1.48	cps
Ytterbium	172-1	14808	15172	15356	15112	1.84	cps
Ytterbium	172-2	6335	6365	6295	6332	0.55	cps
Ytterbium	176-1	13323	13327	13547	13399	0.96	cps
Ytterbium	176-2	5151	5184	5224	5187	0.71	cps
Yttrium	89-1	33145227	33879111	33431471	33485270	1.10	cps
Yttrium	89-2	2374387	2324748	2364150	2354428	1.11	cps
Zinc	66-2	177891	176724	177976	177530	0.39	cps
Zirconium	90-1	819920	843713	839119	834251	1.51	cps
Zirconium	91-1	183045	184237	186625	184636	0.99	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	PB167865BL	Instrumnet Name :	P8
Client Sample ID :	PB167865BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:07:43	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127	123	130	127	2.63	cps
Antimony	121-1	277	260	260	266	3.62	cps
Arsenic	75-2	7	0	7	4	86.60	cps
Barium	135-1	163	143	157	154	6.59	cps
Barium	137-1	240	227	267	244	8.33	cps
Beryllium	9-1	146	179	165	163	9.99	cps
Bismuth	209-1	12496511	12561419	12484804	12514245	0.33	cps
Bismuth	209-2	5452820	5474010	5452544	5459792	0.23	cps
Bromine	81-1	28115	27861	28452	28143	1.05	cps
Cadmium	108-1	40	50	33	41	20.41	cps
Cadmium	106-1	10537	9830	10130	10166	3.49	cps
Cadmium	111-1	7408	6910	7095	7137	3.53	cps
Calcium	43-1	887	797	847	843	5.35	cps
Calcium	44-1	24519	24221	24318	24353	0.62	cps
Carbon	12-1	3647873	3548825	3561487	3586062	1.50	cps
Carbon	12-2	23355	22150	22097	22534	3.16	cps
Chlorine	35-1	590405	551044	515528	552326	6.78	cps
Chlorine	35-2	1630	1547	1557	1578	2.88	cps
Chromium	52-2	1033	1107	1083	1074	3.49	cps
Cobalt	59-2	123	110	113	116	6.01	cps
Copper	63-2	1207	1283	1310	1267	4.24	cps
Dysprosium	156-1	110	73	143	109	32.16	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	113	137	133	128	9.88	cps
Erbium	164-2	43	63	50	52	19.50	cps
Gadolinium	160-1	113	97	157	122	25.34	cps
Gadolinium	160-2	37	37	37	37	0.00	cps
Holmium	165-1	20311898	20535928	20993005	20613610	1.68	cps
Holmium	165-2	7475996	7416111	7554685	7482264	0.93	cps
Indium	115-1	18275379	18045994	17866986	18062786	1.13	cps
Indium	115-2	1804539	1803812	1804540	1804297	0.02	cps
Iron	54-2	860	767	720	782	9.11	cps
Iron	56-2	9397	9086	10100	9528	5.45	cps
Iron	57-2	177	273	270	240	22.86	cps
Krypton	83-1	277	267	227	257	10.31	cps
Lead	206-1	1687	1563	1610	1620	3.84	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	PB167865BL	Instrumnet Name :	P8
Client Sample ID :	PB167865BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:07:43	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1433	1317	1297	1349	5.47	cps
Lead	208-1	6384	6061	6064	6170	3.01	cps
Lithium	6-1	5491065	5663790	5701487	5618781	2.00	cps
Magnesium	24-2	340	460	410	403	14.94	cps
Manganese	55-2	2040	1997	2147	2061	3.75	cps
Molybdenum	94-1	1093	1073	1123	1097	2.29	cps
Molybdenum	95-1	237	223	303	254	16.84	cps
Molybdenum	96-1	453	513	467	478	6.59	cps
Molybdenum	97-1	163	157	130	150	11.76	cps
Molybdenum	98-1	443	357	363	388	12.44	cps
Neodymium	150-1	13	23	33	23	42.86	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	247	270	270	262	5.14	cps
Phosphorus	31-2	73	57	87	72	20.81	cps
Potassium	39-2	12005	12315	12052	12124	1.38	cps
Rhodium	103-1	16931755	16725466	16759790	16805670	0.66	cps
Rhodium	103-2	6513161	6513529	6571498	6532729	0.51	cps
Scandium	45-1	11421883	11385589	11611099	11472857	1.06	cps
Scandium	45-2	192799	192011	193356	192722	0.35	cps
Selenium	82-1	0	-27	60	11	399.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	13	23	18	28.64	cps
Silicon	28-1	433963	460519	437843	444108	3.23	cps
Silver	107-1	693	583	617	631	8.94	cps
Silver	109-1	503	483	387	458	13.63	cps
Sodium	23-2	27596	27716	26711	27341	2.01	cps
Strontium	86-1	510	457	397	454	12.48	cps
Strontium	88-1	513	453	577	514	11.99	cps
Sulfur	34-1	542846	543411	543860	543372	0.09	cps
Terbium	159-1	21531615	21423582	21467208	21474135	0.25	cps
Terbium	159-2	7210537	7256687	7167251	7211491	0.62	cps
Thallium	203-1	833	780	783	799	3.74	cps
Thallium	205-1	1863	1823	1837	1841	1.11	cps
Tin	118-1	4204	4317	4131	4217	2.23	cps
Titanium	47-1	300	270	267	279	6.58	cps
Uranium	238-1	117	140	120	126	10.05	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	PB167865BL	Instrumnet Name :	P8
Client Sample ID :	PB167865BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:07:43	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	10	20	14	35.26	cps
Ytterbium	172-1	143	103	143	130	17.76	cps
Ytterbium	172-2	60	43	63	56	19.29	cps
Ytterbium	176-1	2554	2534	2560	2549	0.54	cps
Ytterbium	176-2	537	670	573	593	11.61	cps
Yttrium	89-1	32063671	32758655	32227074	32349800	1.12	cps
Yttrium	89-2	2254151	2268483	2242964	2255199	0.57	cps
Zinc	66-2	387	383	367	379	2.83	cps
Zirconium	90-1	2740	2680	2547	2656	3.73	cps
Zirconium	91-1	537	600	477	538	11.47	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	PB167865BS	Instrumnet Name :	P8
Client Sample ID :	PB167865BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:11:04	DataFile Name :	052LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	755483	757089	748667	753746	0.59	cps
Antimony	121-1	12828971	13055809	13272322	13052367	1.70	cps
Arsenic	75-2	235751	237523	234189	235821	0.71	cps
Barium	135-1	14994262	15367231	15790538	15384010	2.59	cps
Barium	137-1	26311299	26382243	27078540	26590694	1.59	cps
Beryllium	9-1	2579755	2731318	2555145	2622073	3.64	cps
Bismuth	209-1	11739783	11882889	11902804	11841825	0.75	cps
Bismuth	209-2	5079171	5138443	5105230	5107615	0.58	cps
Bromine	81-1	28599	29361	27584	28515	3.13	cps
Cadmium	108-1	245606	248812	247311	247243	0.65	cps
Cadmium	106-1	357054	363749	359700	360167	0.94	cps
Cadmium	111-1	3231425	3280727	3305041	3272398	1.15	cps
Calcium	43-1	3952175	3970948	3964216	3962446	0.24	cps
Calcium	44-1	63438199	64673932	65108101	64406744	1.35	cps
Carbon	12-1	3984419	3944031	4016969	3981806	0.92	cps
Carbon	12-2	26607	26203	26674	26495	0.96	cps
Chlorine	35-1	400118	402534	401357	401336	0.30	cps
Chlorine	35-2	1453	1280	1293	1342	7.19	cps
Chromium	52-2	2406064	2503348	2439647	2449687	2.02	cps
Cobalt	59-2	4541757	4681106	4529748	4584204	1.84	cps
Copper	63-2	35990299	35578014	35339115	35635809	0.92	cps
Dysprosium	156-1	507	603	560	557	8.70	cps
Dysprosium	156-2	43	117	50	70	57.94	cps
Erbium	164-1	367	367	333	356	5.41	cps
Erbium	164-2	133	140	103	126	15.56	cps
Gadolinium	160-1	273	333	250	286	15.06	cps
Gadolinium	160-2	97	117	117	110	10.50	cps
Holmium	165-1	20775128	20189984	20446356	20470489	1.43	cps
Holmium	165-2	7295509	7311986	7327890	7311795	0.22	cps
Indium	115-1	17278032	16966327	17142091	17128817	0.91	cps
Indium	115-2	1718228	1718146	1683222	1706532	1.18	cps
Iron	54-2	4930677	5006175	5013956	4983603	0.92	cps
Iron	56-2	88785902	90938402	89338325	89687543	1.25	cps
Iron	57-2	2325349	2320698	2306891	2317646	0.41	cps
Krypton	83-1	313	297	243	284	12.85	cps
Lead	206-1	44585019	44738763	45009303	44777695	0.48	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	PB167865BS	Instrumnet Name :	P8
Client Sample ID :	PB167865BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:11:04	DataFile Name :	052LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	37420950	38327123	38886707	38211593	1.94	cps
Lead	208-1	173660018	177999354	178526475	176728616	1.51	cps
Lithium	6-1	5492984	5488811	5290554	5424117	2.13	cps
Magnesium	24-2	13890378	13487336	13955234	13777649	1.84	cps
Manganese	55-2	9843638	10130859	9857035	9943844	1.63	cps
Molybdenum	94-1	44687994	45818541	45559084	45355207	1.31	cps
Molybdenum	95-1	63914772	65562247	65907887	65128302	1.64	cps
Molybdenum	96-1	69920372	70983714	70563364	70489150	0.76	cps
Molybdenum	97-1	39967259	38984099	39857012	39602790	1.36	cps
Molybdenum	98-1	103742185	103690322	104648845	104027117	0.52	cps
Neodymium	150-1	1203	1220	1427	1283	9.69	cps
Neodymium	150-2	70	63	73	69	7.39	cps
Nickel	60-2	1184850	1196562	1193191	1191535	0.51	cps
Phosphorus	31-2	36142	35874	36589	36202	1.00	cps
Potassium	39-2	4390193	4299201	4317515	4335636	1.11	cps
Rhodium	103-1	15722729	15363591	15495984	15527435	1.17	cps
Rhodium	103-2	6178000	6079809	6111629	6123146	0.82	cps
Scandium	45-1	11222814	11022034	11211713	11152187	1.01	cps
Scandium	45-2	190250	190535	187672	189486	0.83	cps
Selenium	82-1	184687	187410	188188	186762	0.98	cps
Selenium	77-2	2874	2970	2794	2879	3.07	cps
Selenium	78-2	10040	9994	9767	9934	1.47	cps
Silicon	28-1	57102189	58479072	58760656	58113972	1.53	cps
Silver	107-1	16082650	16467328	16498931	16349636	1.42	cps
Silver	109-1	15289243	15629185	15759924	15559451	1.56	cps
Sodium	23-2	27754929	27062792	27923705	27580475	1.65	cps
Strontium	86-1	4202797	4218707	4159384	4193629	0.73	cps
Strontium	88-1	36456567	36297064	35929566	36227733	0.75	cps
Sulfur	34-1	1503056	1522449	1523338	1516281	0.76	cps
Terbium	159-1	21324307	21319955	20852409	21165557	1.28	cps
Terbium	159-2	7023945	7262855	6957429	7081410	2.27	cps
Thallium	203-1	10881356	10957350	11035788	10958165	0.70	cps
Thallium	205-1	25747931	26327424	26001435	26025597	1.12	cps
Tin	118-1	10385792	10320270	10455627	10387230	0.65	cps
Titanium	47-1	17648981	17891899	17913243	17818041	0.82	cps
Uranium	238-1	32039638	33836078	33834216	33236644	3.12	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	PB167865BS	Instrumnet Name :	P8
Client Sample ID :	PB167865BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:11:04	DataFile Name :	052LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1854758	1839698	1846385	1846947	0.41	cps
Ytterbium	172-1	370	347	333	350	5.30	cps
Ytterbium	172-2	143	147	173	154	10.65	cps
Ytterbium	176-1	53126	52537	53575	53079	0.98	cps
Ytterbium	176-2	18490	18390	19044	18641	1.89	cps
Yttrium	89-1	32301691	31869432	31354197	31841773	1.49	cps
Yttrium	89-2	2200734	2199434	2210454	2203541	0.27	cps
Zinc	66-2	3957079	3988213	3926463	3957252	0.78	cps
Zirconium	90-1	22195564	22816055	22743320	22584980	1.50	cps
Zirconium	91-1	4968290	5030398	5069709	5022799	1.02	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3673057	3665888	3632611	3657185	0.59	cps
Antimony	121-1	12136375	12342865	12465782	12315007	1.35	cps
Arsenic	75-2	225960	224243	225737	225313	0.41	cps
Barium	135-1	14648846	14798518	14636119	14694494	0.61	cps
Barium	137-1	25350321	25743338	25002581	25365414	1.46	cps
Beryllium	9-1	2461401	2529606	2485803	2492270	1.39	cps
Bismuth	209-1	10705052	10703782	10688869	10699234	0.08	cps
Bismuth	209-2	4507285	4540676	4476101	4508021	0.72	cps
Bromine	81-1	27898	27337	26495	27243	2.59	cps
Cadmium	108-1	225512	228693	228171	227459	0.75	cps
Cadmium	106-1	335604	336765	335333	335900	0.23	cps
Cadmium	111-1	2987819	2988992	2926173	2967662	1.21	cps
Calcium	43-1	18617789	18601670	18589811	18603090	0.08	cps
Calcium	44-1	305676442	305827782	304363729	305289318	0.26	cps
Carbon	12-1	3856621	3965761	3979273	3933885	1.71	cps
Carbon	12-2	29079	29409	29122	29203	0.62	cps
Chlorine	35-1	304960	303047	302389	303465	0.44	cps
Chlorine	35-2	1090	960	1137	1062	8.62	cps
Chromium	52-2	2333660	2334981	2373242	2347295	0.96	cps
Cobalt	59-2	4238249	4246822	4196358	4227143	0.64	cps
Copper	63-2	32561856	31576871	32000576	32046435	1.54	cps
Dysprosium	156-1	893	867	900	887	1.99	cps
Dysprosium	156-2	140	167	160	156	8.92	cps
Erbium	164-1	713	707	650	690	5.04	cps
Erbium	164-2	207	260	287	251	16.22	cps
Gadolinium	160-1	563	580	497	547	8.07	cps
Gadolinium	160-2	193	173	177	181	5.92	cps
Holmium	165-1	19451962	19229493	18975435	19218963	1.24	cps
Holmium	165-2	6911300	6857880	6884535	6884572	0.39	cps
Indium	115-1	15800136	15964152	15282854	15682381	2.27	cps
Indium	115-2	1438111	1441549	1442694	1440785	0.17	cps
Iron	54-2	22842455	22620653	22814990	22759366	0.53	cps
Iron	56-2	418806100	419824207	419260207	419296838	0.12	cps
Iron	57-2	10561036	10722605	10669322	10650988	0.77	cps
Krypton	83-1	313	317	283	304	6.03	cps
Lead	206-1	42376458	43063448	42735959	42725288	0.80	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:15:46	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	35904496	36448328	35831264	36061363	0.93	cps
Lead	208-1	166509443	168328621	166367142	167068402	0.65	cps
Lithium	6-1	4926709	4981130	4989090	4965643	0.68	cps
Magnesium	24-2	64031726	64885464	62991479	63969556	1.48	cps
Manganese	55-2	9452729	9432744	9557491	9480988	0.71	cps
Molybdenum	94-1	43659496	43710233	43318823	43562850	0.49	cps
Molybdenum	95-1	62623779	62617742	62028969	62423497	0.55	cps
Molybdenum	96-1	66970291	67929654	68237272	67712406	0.98	cps
Molybdenum	97-1	38419619	38747709	38553079	38573469	0.43	cps
Molybdenum	98-1	101904625	100349589	99446695	100566970	1.24	cps
Neodymium	150-1	1283	1327	1317	1309	1.73	cps
Neodymium	150-2	110	107	103	107	3.13	cps
Nickel	60-2	1086847	1080801	1086893	1084847	0.32	cps
Phosphorus	31-2	35056	35350	34581	34996	1.11	cps
Potassium	39-2	20496779	20312850	20747565	20519065	1.06	cps
Rhodium	103-1	14129799	14094451	13913309	14045853	0.83	cps
Rhodium	103-2	5451336	5444983	5344166	5413495	1.11	cps
Scandium	45-1	10401630	10360634	10301295	10354520	0.49	cps
Scandium	45-2	178589	176674	178268	177844	0.58	cps
Selenium	82-1	173972	174266	174286	174174	0.10	cps
Selenium	77-2	2760	2664	2870	2765	3.74	cps
Selenium	78-2	9420	9447	9443	9437	0.15	cps
Silicon	28-1	57133966	56510194	56522919	56722360	0.63	cps
Silver	107-1	14364320	14616355	14759819	14580165	1.37	cps
Silver	109-1	13907081	13703105	13890001	13833395	0.82	cps
Sodium	23-2	129642795	129573945	127081188	128765976	1.13	cps
Strontium	86-1	4075665	4035108	4020394	4043722	0.71	cps
Strontium	88-1	34731795	35189185	35927964	35282982	1.71	cps
Sulfur	34-1	1434320	1431599	1444579	1436833	0.48	cps
Terbium	159-1	19908433	20035125	20048996	19997518	0.39	cps
Terbium	159-2	6661328	6718373	6788958	6722886	0.95	cps
Thallium	203-1	10294939	10518095	10356528	10389854	1.11	cps
Thallium	205-1	24388748	24909586	25093698	24797344	1.47	cps
Tin	118-1	9683752	9959524	9965931	9869735	1.63	cps
Titanium	47-1	16948372	17257223	17074040	17093212	0.91	cps
Uranium	238-1	32251886	32951750	32783230	32662288	1.12	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:15:46	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1783673	1785956	1797944	1789191	0.43	cps
Ytterbium	172-1	977	1023	1007	1002	2.36	cps
Ytterbium	172-2	437	443	477	452	4.74	cps
Ytterbium	176-1	53206	52973	52818	52999	0.37	cps
Ytterbium	176-2	18703	18880	19151	18911	1.19	cps
Yttrium	89-1	29934509	30139682	29847141	29973777	0.50	cps
Yttrium	89-2	2021751	2046404	2030968	2033041	0.61	cps
Zinc	66-2	3604000	3579386	3582439	3588608	0.37	cps
Zirconium	90-1	21737863	21886356	21539308	21721176	0.80	cps
Zirconium	91-1	4821436	4844589	4867339	4844455	0.47	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:18:35	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280	373	263	306	19.40	cps
Antimony	121-1	3737	3160	2830	3243	14.16	cps
Arsenic	75-2	27	17	7	17	59.99	cps
Barium	135-1	480	463	357	433	15.44	cps
Barium	137-1	790	707	687	728	7.53	cps
Beryllium	9-1	447	442	385	425	8.17	cps
Bismuth	209-1	12649721	12628535	12645871	12641376	0.09	cps
Bismuth	209-2	5433266	5414324	5426959	5424850	0.18	cps
Bromine	81-1	28065	28783	28566	28471	1.29	cps
Cadmium	108-1	60	50	57	56	9.17	cps
Cadmium	106-1	10491	10497	10467	10485	0.15	cps
Cadmium	111-1	7548	7530	7427	7502	0.87	cps
Calcium	43-1	1010	880	893	928	7.71	cps
Calcium	44-1	27163	25828	25130	26040	3.97	cps
Carbon	12-1	3334171	3294435	3209099	3279235	1.95	cps
Carbon	12-2	20287	20154	20020	20154	0.66	cps
Chlorine	35-1	232258	233104	227738	231033	1.25	cps
Chlorine	35-2	780	773	857	803	5.76	cps
Chromium	52-2	1103	947	923	991	9.88	cps
Cobalt	59-2	210	183	187	193	7.51	cps
Copper	63-2	1540	1717	1407	1555	10.00	cps
Dysprosium	156-1	157	150	147	151	3.37	cps
Dysprosium	156-2	13	10	3	9	57.30	cps
Erbium	164-1	150	150	117	139	13.85	cps
Erbium	164-2	53	33	53	47	24.75	cps
Gadolinium	160-1	123	157	113	131	17.31	cps
Gadolinium	160-2	23	10	20	18	39.03	cps
Holmium	165-1	20660413	20576113	20433537	20556688	0.56	cps
Holmium	165-2	7288915	7353252	7390010	7344059	0.70	cps
Indium	115-1	17967161	17910095	17679660	17852305	0.85	cps
Indium	115-2	1787540	1781388	1804992	1791307	0.68	cps
Iron	54-2	937	930	877	914	3.60	cps
Iron	56-2	12295	11805	12412	12171	2.65	cps
Iron	57-2	300	367	250	306	19.16	cps
Krypton	83-1	233	263	280	259	9.13	cps
Lead	206-1	4081	3627	3431	3713	8.98	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:18:35	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3410	3177	2960	3183	7.07	cps
Lead	208-1	15654	14353	13510	14506	7.45	cps
Lithium	6-1	5615567	5603663	5621253	5613494	0.16	cps
Magnesium	24-2	1083	1153	1070	1102	4.06	cps
Manganese	55-2	1800	1890	1900	1863	2.96	cps
Molybdenum	94-1	2684	2764	2314	2587	9.28	cps
Molybdenum	95-1	2290	2000	1910	2067	9.61	cps
Molybdenum	96-1	2970	2374	2504	2616	11.99	cps
Molybdenum	97-1	1467	1277	1120	1288	13.48	cps
Molybdenum	98-1	3554	3184	2587	3108	15.70	cps
Neodymium	150-1	43	43	23	37	31.49	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	240	240	193	224	12.00	cps
Phosphorus	31-2	63	93	70	76	20.85	cps
Potassium	39-2	13443	13847	13793	13694	1.60	cps
Rhodium	103-1	16549103	16342849	16963490	16618480	1.90	cps
Rhodium	103-2	6415251	6391517	6475898	6427555	0.68	cps
Scandium	45-1	10979691	11376144	11102172	11152669	1.82	cps
Scandium	45-2	189209	188044	188021	188425	0.36	cps
Selenium	82-1	17	17	43	26	60.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	10	7	9	21.63	cps
Silicon	28-1	500155	480648	479511	486771	2.38	cps
Silver	107-1	1497	1307	1277	1360	8.77	cps
Silver	109-1	1390	1147	1127	1221	12.01	cps
Sodium	23-2	40165	39925	40559	40216	0.80	cps
Strontium	86-1	533	513	527	524	1.94	cps
Strontium	88-1	993	867	837	899	9.25	cps
Sulfur	34-1	528877	530287	529763	529642	0.13	cps
Terbium	159-1	21515133	21409185	21650637	21524985	0.56	cps
Terbium	159-2	7302400	7209131	7306195	7272575	0.76	cps
Thallium	203-1	1167	1047	1097	1103	5.46	cps
Thallium	205-1	2710	2534	2457	2567	5.06	cps
Tin	118-1	3594	3484	3697	3592	2.97	cps
Titanium	47-1	603	567	500	557	9.41	cps
Uranium	238-1	810	660	497	656	23.91	cps

LB Number :	LB135757	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2025-05-13 18:18:35	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40	63	37	47	31.13	cps
Ytterbium	172-1	90	113	123	109	15.71	cps
Ytterbium	172-2	63	67	53	61	11.36	cps
Ytterbium	176-1	2707	2560	2650	2639	2.80	cps
Ytterbium	176-2	573	647	527	582	10.39	cps
Yttrium	89-1	32356067	32110482	31884249	32116933	0.73	cps
Yttrium	89-2	2184086	2194823	2222972	2200627	0.91	cps
Zinc	66-2	360	503	497	453	17.85	cps
Zirconium	90-1	4321	3994	3787	4034	6.67	cps
Zirconium	91-1	873	867	860	867	0.77	cps