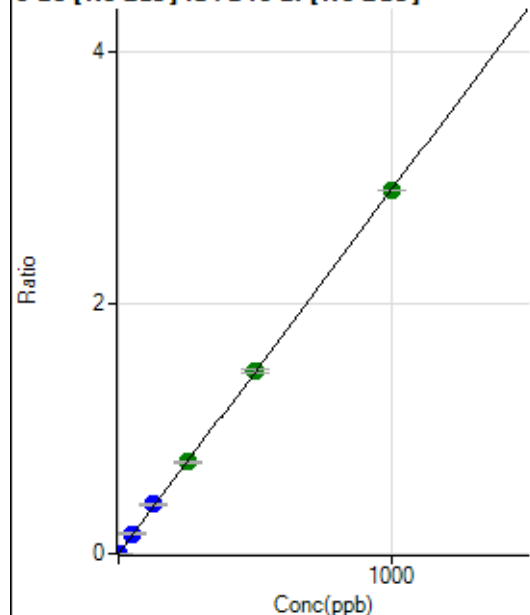


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8040225MS.b\
 Analysis File: P8040225MS.batch.bin
 DA Date-Time: 2025-04-02 18:32:56
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-04-02 15:18:58
2	006CALS.d	S02	2025-04-02 15:25:43
3	007CALB.d	S03	2025-04-02 15:29:05
4	008CALS.d	S04	2025-04-02 15:32:07
5	009CALS.d	S05	2025-04-02 15:34:59
6	010CALS.d	S06	2025-04-02 15:37:46
7	011CALS.d	S07	2025-04-02 15:40:41
8	012CALS.d	S08	2025-04-02 15:43:32

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	129.26	0.0000	P	6.3
2	☐	1.000	1.198	9834.29	0.0035	P	0.4
3	☐	50.000	55.281	445548.11	0.1605	P	1.6
4	☐	125.000	135.460	1085618.08	0.3933	P	2.0
5	☐	250.000	251.424	1983425.88	0.7300	A	0.8
6	☐	500.000	501.543	3837725.30	1.4561	A	2.7
7	☐	1000.000	997.301	7352571.68	2.8953	A	0.1
8	☐			512.68	0.0002	P	20.8

$$y = 0.0029 * x + 4.7029E-005$$

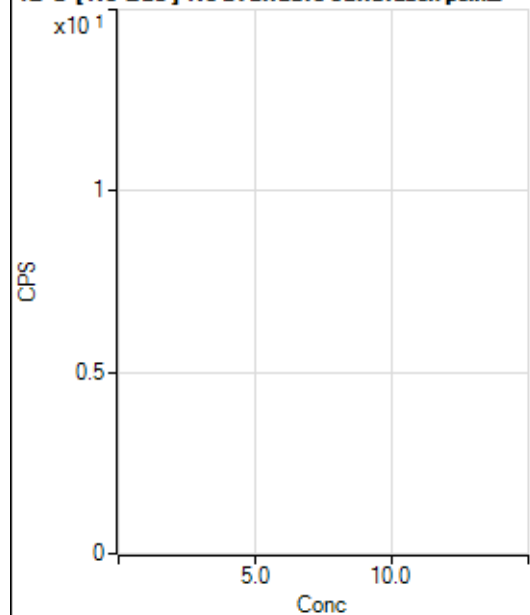
$$R = 0.9999$$

$$DL = 0.003042$$

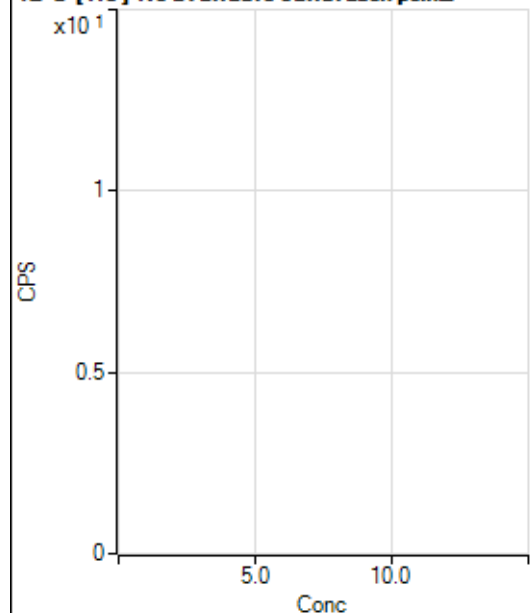
$$BEC = 0.0162$$

Weight: <None>

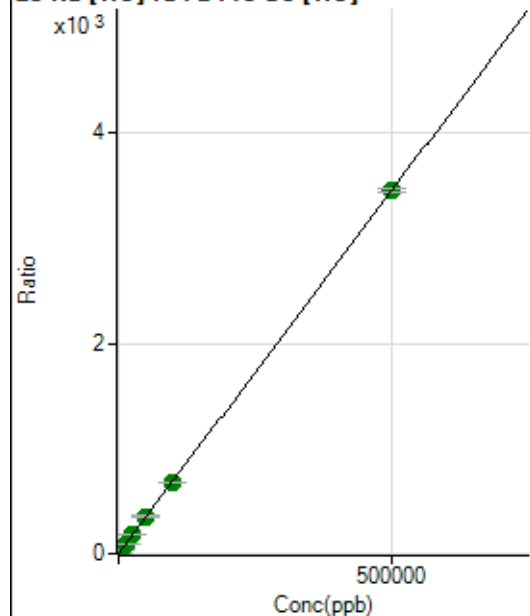
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4497970.56		A	2.5
2	☐			4629686.32		A	0.9
3	☐			4627307.67		A	0.7
4	☐			5100346.80		A	2.0
5	☐			5242758.40		A	2.6
6	☐			5453293.74		A	1.0
7	☐			6174745.95		A	2.7
8	☐			4972402.70		A	0.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			33121.72		P	0.3
2	☐			34451.46		P	0.2
3	☐			34949.29		P	0.8
4	☐			38935.90		P	1.1
5	☐			40437.67		P	0.6
6	☐			43556.57		P	1.9
7	☐			51772.02		P	0.7
8	☐			53851.53		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	80337.10	0.5532	P	1.3
2	☐	500.000	601.175	692965.49	4.7000	P	0.3
3	☐	5000.000	5469.662	5629321.72	38.2822	A	1.1
4	☐	12500.000	13156.912	13436856.47	91.3078	A	0.9
5	☐	25000.000	26398.508	26613262.10	182.6465	A	1.2
6	☐	50000.000	51499.514	51226317.57	355.7898	A	1.1
7	☐	100000.00	98841.941	97992232.99	682.3514	A	0.7
8	☐	500000.00	499990.51	453423784.36	3,449.4197	A	1.0

$$y = 0.0069 * x + 0.5532$$

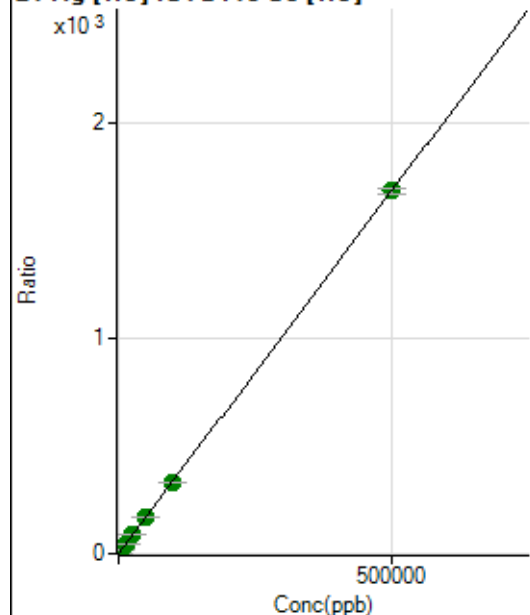
$$R = 1.0000$$

$$DL = 3.035$$

$$BEC = 80.19$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	440.01	0.0030	P	5.9
2	☐	500.000	603.088	299603.03	2.0320	P	1.7
3	☐	5000.000	5524.849	2733577.18	18.5904	A	0.2
4	☐	12500.000	13299.344	6584946.64	44.7464	A	0.6
5	☐	25000.000	26178.670	12833380.78	88.0767	A	0.5
6	☐	50000.000	51080.299	24743364.08	171.8540	A	1.0
7	☐	100000.00	97999.523	47350000.96	329.7057	A	0.3
8	☐	500000.00	500207.79	221202538.93	1,682.8669	A	1.9

$$y = 0.0034 * x + 0.0030$$

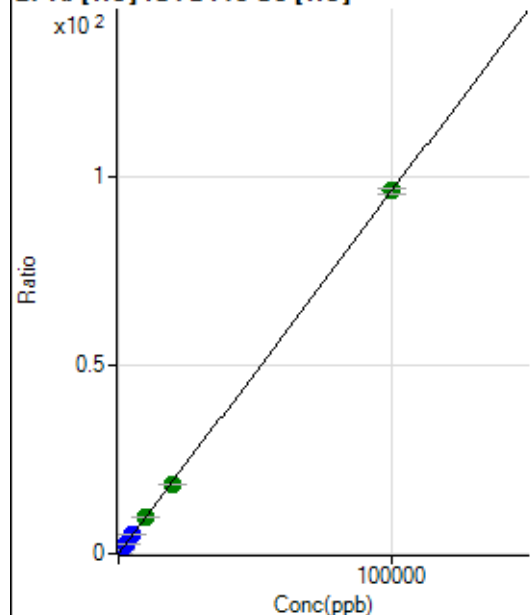
$$R = 1.0000$$

$$DL = 0.16$$

$$BEC = 0.9005$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	402.23	0.0028	P	3.8
2	☐	20.000	23.835	3791.64	0.0257	P	1.1
3	☐	1000.000	1086.410	154197.67	1.0487	P	0.9
4	☐	2500.000	2675.174	379416.61	2.5783	P	0.2
5	☐	5000.000	5225.353	733403.84	5.0334	P	0.3
6	☐	10000.000	10039.037	1391929.08	9.6677	A	1.2
7	☐	20000.000	19238.994	2660331.65	18.5248	A	0.5
8	☐	100000.00	100131.78	12671646.48	96.4032	A	1.4

$$y = 9.6274E-004 * x + 0.0028$$

$$R = 1.0000$$

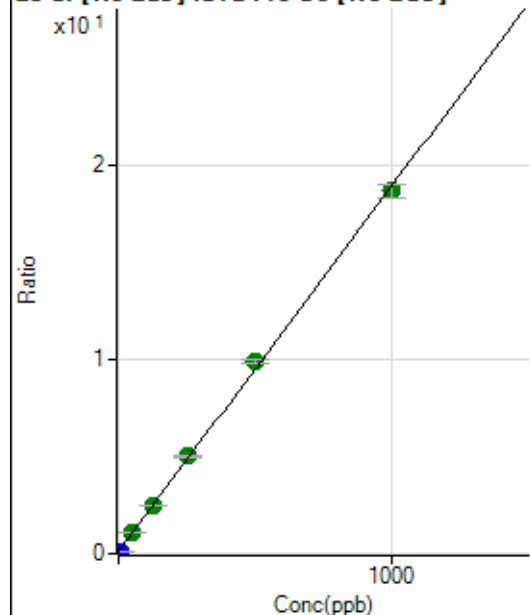
$$DL = 0.3321$$

$$BEC = 2.877$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	624291.51	0.1142	P	0.3
2	☐	10.000	1.425	803469.79	0.1410	P	1.5
3	☐	50.000	50.883	5963276.23	1.0700	A	1.6
4	☐	125.000	126.794	14035890.90	2.4960	A	1.2
5	☐	250.000	260.247	28025666.80	5.0028	A	1.6
6	☐	500.000	519.590	54393836.97	9.8744	A	1.5
7	☐	1000.000	987.460	98429870.75	18.6631	A	3.5
8	☐			837475.72	0.1784	P	6.1

$$y = 0.0188 * x + 0.1142$$

$$R = 0.9996$$

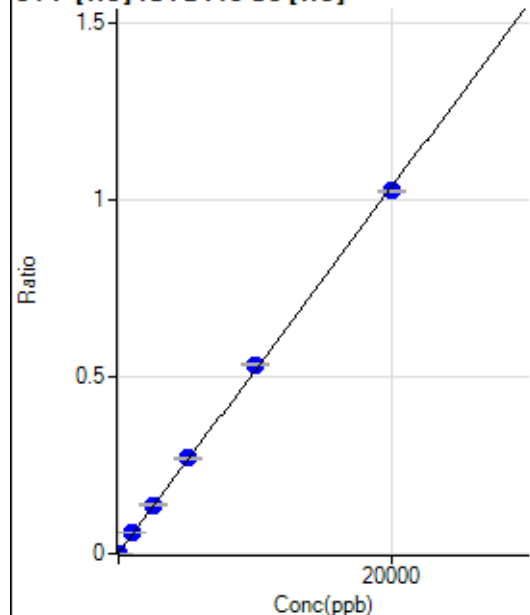
$$DL = 0.05865$$

$$BEC = 6.082$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-18.628	106.67	0.0007	P	16.9
2	☐	0.000	18.628	392.23	0.0027	P	3.5
3	☐	1000.000	1078.707	8446.98	0.0574	P	0.3
4	☐	2500.000	2641.550	20339.92	0.1382	P	1.2
5	☐	5000.000	5174.716	39213.95	0.2691	P	0.8
6	☐	10000.000	10282.663	76755.98	0.5331	P	0.8
7	☐	20000.000	19793.360	147144.79	1.0246	P	0.6
8	☐			151.11	0.0011	P	3.7

$$y = 5.1680E-005 * x + 0.0017$$

$$R = 0.9998$$

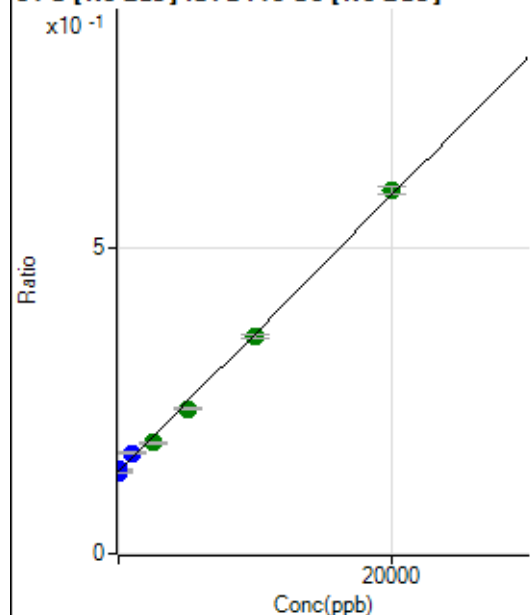
$$DL = 6.268$$

$$BEC = 32.85$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	122.248	750197.51	0.1373	P	0.7
2	☐	0.000	-122.248	750722.77	0.1318	P	0.8
3	☐	1000.000	1323.069	916575.04	0.1645	P	1.4
4	☐	2500.000	2058.257	1018519.16	0.1811	A	1.8
5	☐	5000.000	4524.252	1327358.85	0.2369	A	1.0
6	☐	10000.000	9737.123	1955292.61	0.3550	A	1.9
7	☐	20000.000	20289.440	3132881.76	0.5939	A	2.0
8	☐			593048.29	0.1264	P	0.8

$$y = 2.2639E-005 * x + 0.1345$$

R = 0.9990

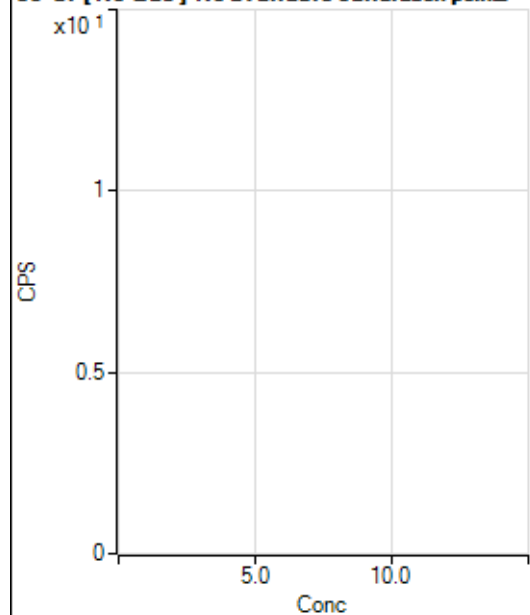
DL = 130.8

BEC = 5942

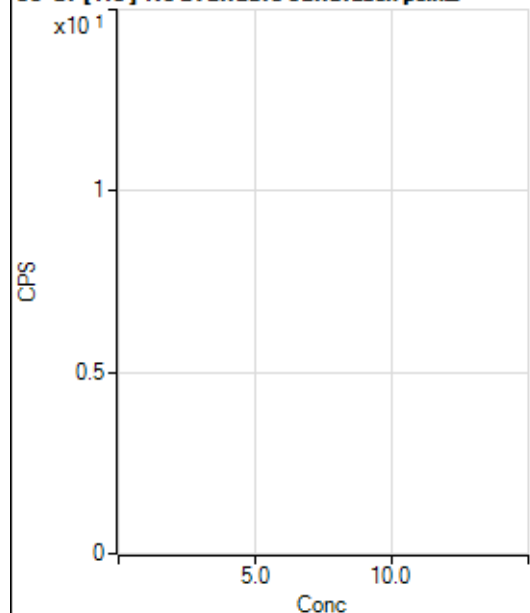
Weight: <None>

Min Conc: 0

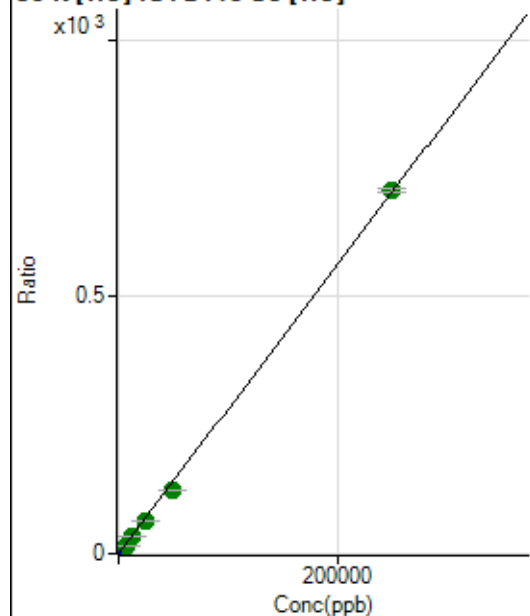
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			178198.75		P	0.6
2	☐			182124.75		P	1.0
3	☐			189838.81		P	0.2
4	☐			215523.07		P	1.6
5	☐			223740.71		P	0.8
6	☐			241787.74		P	1.6
7	☐			291699.88		P	2.5
8	☐			188987.19		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			948.93		P	2.1
2	☐			1071.16		P	3.9
3	☐			993.37		P	9.9
4	☐			1284.52		P	4.2
5	☐			1302.29		P	5.0
6	☐			1450.09		P	2.7
7	☐			1736.79		P	1.9
8	☐			1192.28		P	6.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22617.82	0.1557	P	1.5
2	☐	500.000	495.366	227725.30	1.5445	P	1.1
3	☐	2500.000	2407.955	1015553.58	6.9066	P	0.3
4	☐	6250.000	5821.575	2424732.83	16.4768	A	1.0
5	☐	12500.000	11428.626	4691208.40	32.1964	A	1.4
6	☐	25000.000	22432.251	9077477.16	63.0456	A	0.7
7	☐	50000.000	43945.096	17714657.93	123.3579	A	1.2
8	☐	250000.00	251532.96	92713688.62	705.3402	A	0.9

$$y = 0.0028 * x + 0.1557$$

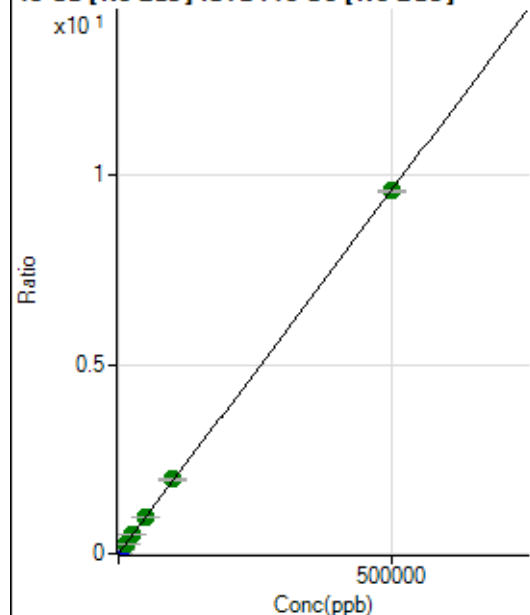
$$R = 0.9997$$

$$DL = 2.486$$

$$BEC = 55.55$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2179.08	0.0004	P	1.8
2	☐	500.000	567.888	64471.45	0.0113	P	1.2
3	☐	5000.000	5389.052	579558.16	0.1040	P	1.1
4	☐	12500.000	12935.368	1400464.46	0.2490	A	2.0
5	☐	25000.000	25339.139	2730862.15	0.4875	A	1.5
6	☐	50000.000	50320.177	5329509.40	0.9676	A	2.5
7	☐	100000.00	102942.91	10440372.21	1.9792	A	2.2
8	☐	500000.00	499347.60	45050903.22	9.5988	A	0.8

$$y = 1.9222\text{E-}005 * x + 3.9879\text{E-}004$$

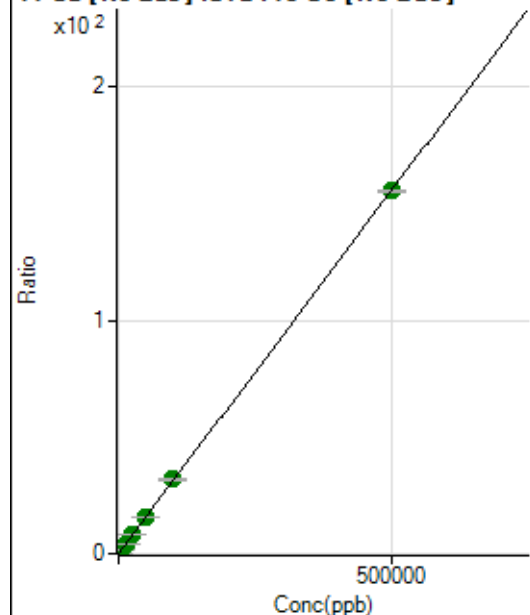
$$R = 1.0000$$

$$DL = 1.151$$

$$BEC = 20.75$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	68754.22	0.0126	P	1.5
2	☐	500.000	562.845	1069720.37	0.1877	P	1.5
3	☐	5000.000	5244.312	9165971.95	1.6447	A	0.7
4	☐	12500.000	12792.351	22458969.67	3.9937	A	0.6
5	☐	25000.000	25295.797	44172682.12	7.8849	A	0.6
6	☐	50000.000	50333.711	86362539.82	15.6770	A	1.0
7	☐	100000.00	102130.92	167730620.83	31.7969	A	2.3
8	☐	500000.00	499515.84	729699109.13	155.4679	A	0.9

$$y = 3.1121\text{E-}004 * x + 0.0126$$

$$R = 1.0000$$

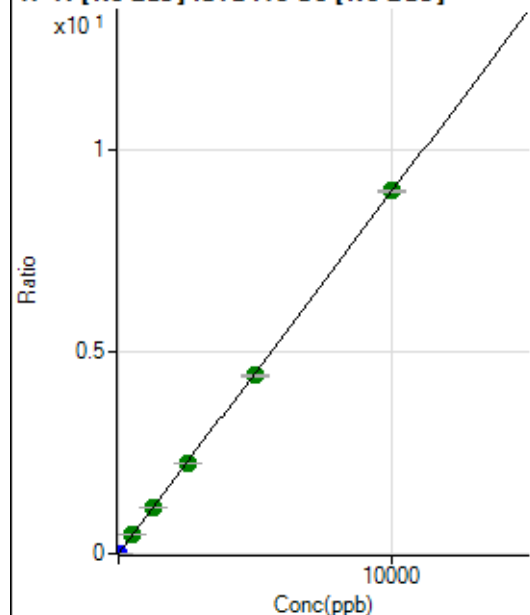
$$DL = 1.878$$

$$BEC = 40.43$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	462.23	0.0001	P	7.8
2	☐	5.000	5.726	29660.72	0.0052	P	1.5
3	☐	500.000	522.284	2603814.40	0.4672	A	1.3
4	☐	1250.000	1266.410	6370248.03	1.1328	A	0.6
5	☐	2500.000	2507.483	12564288.70	2.2428	A	0.9
6	☐	5000.000	4935.240	24316283.53	4.4142	A	1.3
7	☐	10000.000	10027.344	47322117.63	8.9687	A	0.8
8	☐			4460.74	0.0010	P	0.9

$$y = 8.9441\text{E-}004 * x + 8.4593\text{E-}005$$

$$R = 1.0000$$

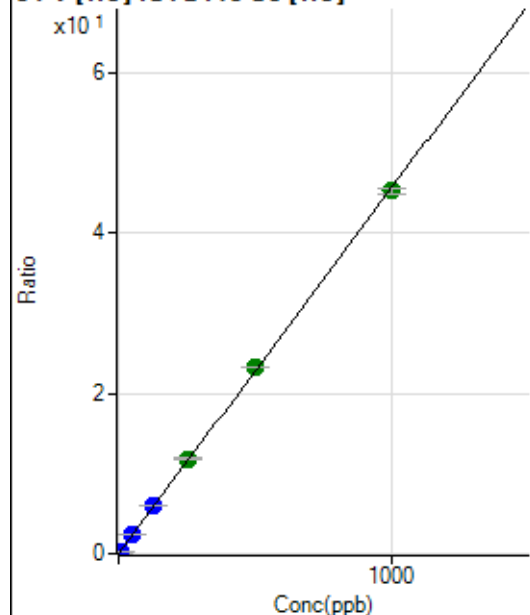
$$DL = 0.02207$$

$$BEC = 0.09458$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.78	0.0003	P	21.5
2	☐	5.000	5.621	37908.94	0.2571	P	1.1
3	☐	50.000	53.803	361462.89	2.4582	P	0.0
4	☐	125.000	131.045	881020.04	5.9869	P	0.8
5	☐	250.000	258.445	1720328.46	11.8070	A	1.8
6	☐	500.000	509.974	3354538.88	23.2977	A	0.8
7	☐	1000.000	991.953	6507136.43	45.3162	A	1.9
8	☐			1670.12	0.0127	P	3.6

$$y = 0.0457 * x + 3.2909\text{E-}004$$

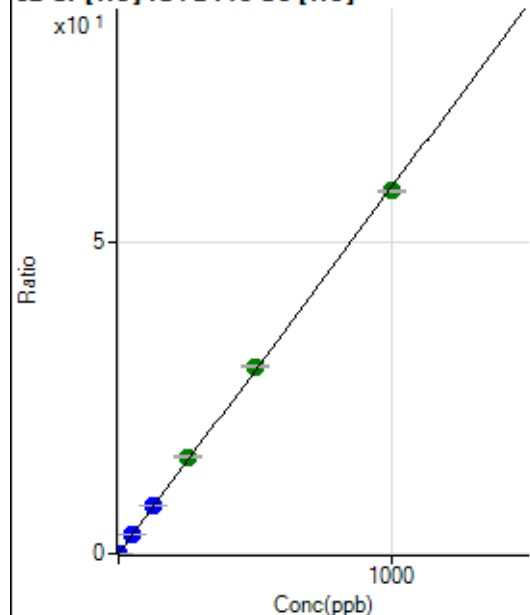
$$R = 0.9999$$

$$DL = 0.004651$$

$$BEC = 0.007204$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1844.58	0.0127	P	6.4
2	☐	2.000	2.301	21866.81	0.1483	P	1.3
3	☐	50.000	54.145	471166.90	3.2042	P	0.5
4	☐	125.000	131.192	1139844.51	7.7457	P	0.9
5	☐	250.000	264.145	2270466.79	15.5825	A	0.6
6	☐	500.000	510.234	4332041.50	30.0880	A	1.4
7	☐	1000.000	990.365	8385071.47	58.3890	A	0.8
8	☐			57560.90	0.4379	P	1.0

$$y = 0.0589 * x + 0.0127$$

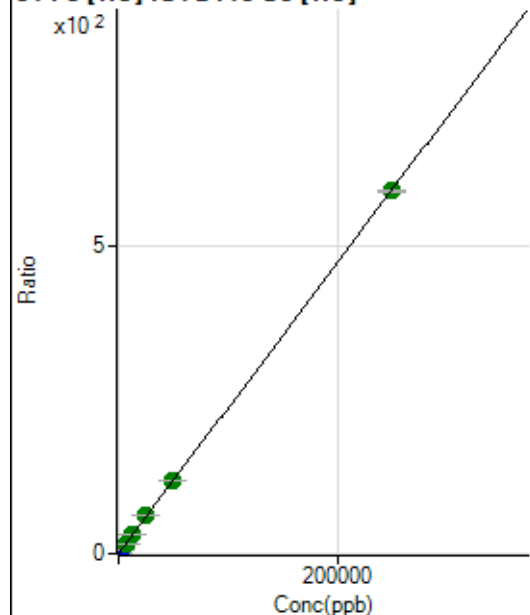
$$R = 0.9998$$

$$DL = 0.04145$$

$$BEC = 0.2155$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1124.50	0.0077	P	1.2
2	☐	50.000	66.027	24140.49	0.1637	P	2.2
3	☐	2500.000	2858.363	994056.08	6.7605	P	0.5
4	☐	6250.000	6857.630	2385260.90	16.2086	A	0.7
5	☐	12500.000	13282.382	4573087.92	31.3868	A	2.1
6	☐	25000.000	26162.840	8900554.66	61.8163	A	0.5
7	☐	50000.000	50492.394	17130964.47	119.2938	A	1.2
8	☐	250000.00	249727.34	77551029.40	589.9777	A	0.7

$$y = 0.0024 * x + 0.0077$$

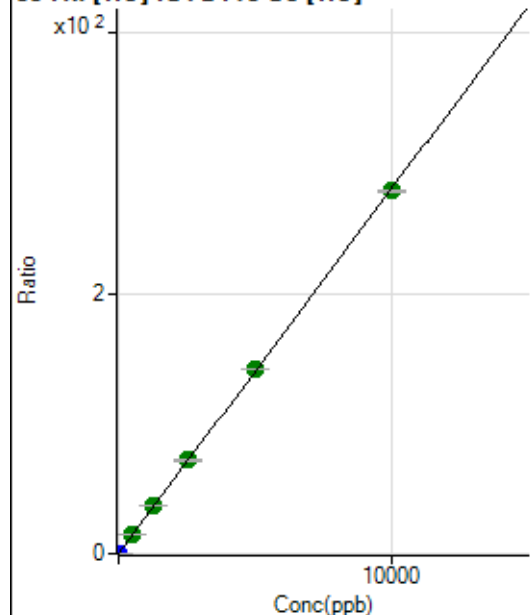
$$R = 1.0000$$

$$DL = 0.1151$$

$$BEC = 3.278$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4480.75	0.0308	P	5.2
2	☐	1.000	1.161	9344.26	0.0634	P	2.7
3	☐	500.000	540.516	2230526.72	15.1693	A	0.8
4	☐	1250.000	1308.430	5397329.99	36.6765	A	0.4
5	☐	2500.000	2568.498	10485941.72	71.9678	A	1.5
6	☐	5000.000	5059.908	20409268.45	141.7456	A	0.9
7	☐	10000.000	9943.592	39998517.46	278.5249	A	0.8
8	☐			22764.92	0.1732	P	1.5

$$y = 0.0280 * x + 0.0308$$

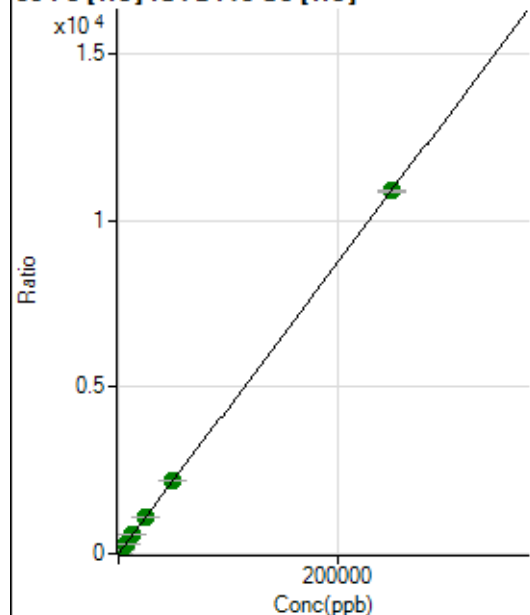
$$R = 0.9999$$

$$DL = 0.1712$$

$$BEC = 1.101$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	14993.52	0.1033	P	4.3
2	☐	50.000	63.827	424754.86	2.8809	P	1.7
3	☐	2500.000	2804.232	17957824.73	122.1359	A	1.8
4	☐	6250.000	6653.496	42624067.70	289.6455	A	0.7
5	☐	12500.000	13107.098	83122715.98	570.4888	A	1.6
6	☐	25000.000	25628.058	160592357.61	1,115.3673	A	1.0
7	☐	50000.000	49973.022	312325324.24	2,174.7945	A	1.1
8	☐	250000.00	249899.10	1429505863.1	10,875.038	A	0.6

$$y = 0.0435 * x + 0.1033$$

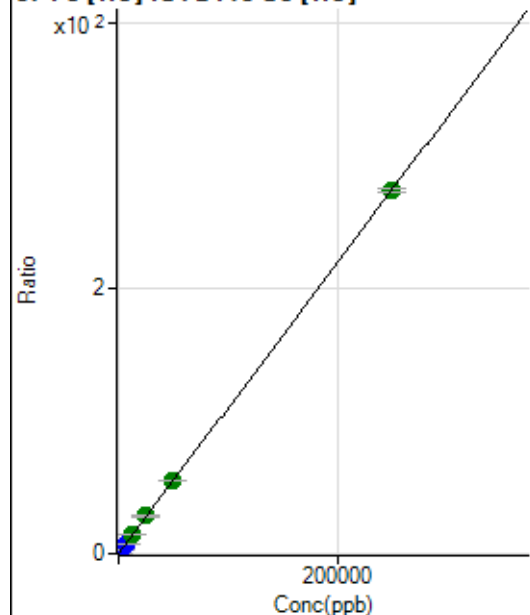
$$R = 1.0000$$

$$DL = 0.3083$$

$$BEC = 2.373$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	374.45	0.0026	P	11.1
2	☐	50.000	63.182	10562.91	0.0716	P	2.7
3	☐	2500.000	2808.551	451802.50	3.0726	P	0.4
4	☐	6250.000	6687.804	1076185.94	7.3131	P	0.8
5	☐	12500.000	13371.116	2130023.74	14.6187	A	1.0
6	☐	25000.000	25819.920	4064175.04	28.2267	A	0.5
7	☐	50000.000	50161.234	7874582.25	54.8345	A	1.1
8	☐	250000.00	249828.17	35896686.41	273.0931	A	1.2

$$y = 0.0011 * x + 0.0026$$

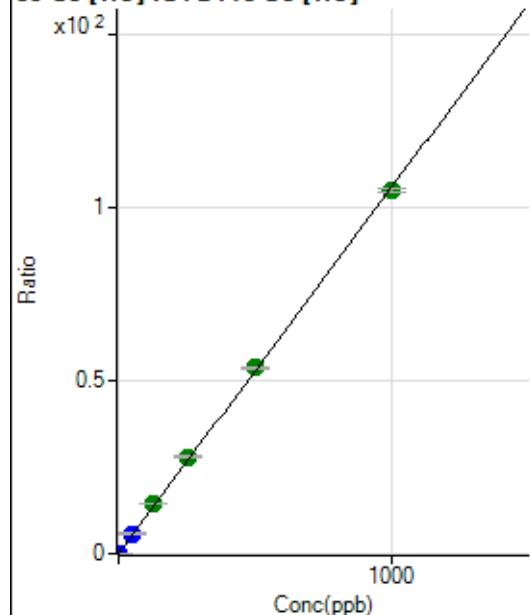
$$R = 1.0000$$

$$DL = 0.7839$$

$$BEC = 2.358$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	208.89	0.0014	P	7.8
2	☐	1.000	1.230	19413.30	0.1317	P	1.5
3	☐	50.000	54.827	853937.06	5.8077	P	1.1
4	☐	125.000	134.935	2103079.52	14.2912	A	0.7
5	☐	250.000	264.923	4088190.35	28.0572	A	1.5
6	☐	500.000	508.207	7749127.73	53.8214	A	0.7
7	☐	1000.000	990.682	15066427.00	104.9163	A	1.0
8	☐			29973.76	0.2280	P	0.3

$$y = 0.1059 * x + 0.0014$$

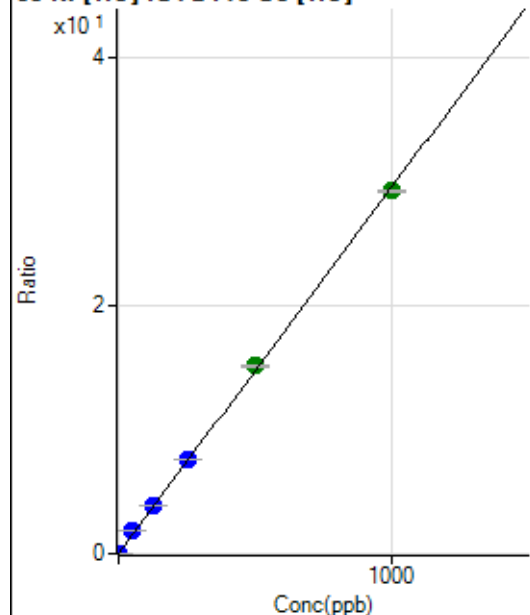
$$R = 0.9998$$

$$DL = 0.003188$$

$$BEC = 0.01358$$

Weight: <None>

Min Conc: 0

⁶⁰Ni [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	996.71	0.0069	P	2.6
2	☐	1.000	1.191	6190.29	0.0420	P	1.2
3	☐	50.000	61.028	265625.61	1.8065	P	0.6
4	☐	125.000	130.920	569146.11	3.8676	P	0.4
5	☐	250.000	256.557	1103363.44	7.5724	P	0.4
6	☐	500.000	512.890	2178530.66	15.1315	A	1.5
7	☐	1000.000	990.624	4196196.57	29.2193	A	0.9
8	☐			13859.06	0.1054	P	1.6

$$y = 0.0295 * x + 0.0069$$

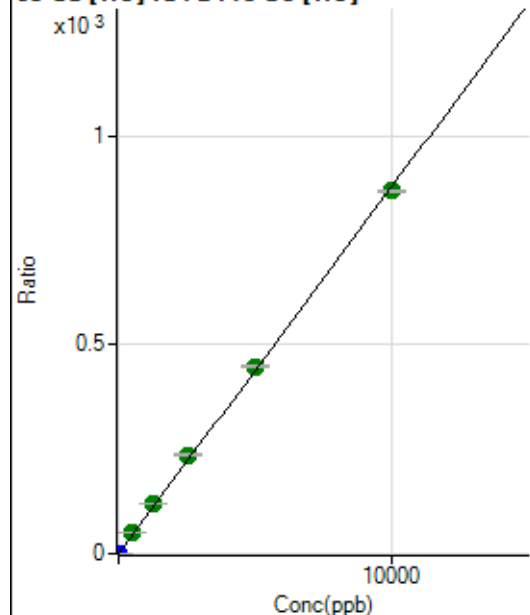
$$R = 0.9998$$

$$DL = 0.01826$$

$$BEC = 0.2327$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3263.74	0.0225	P	3.6
2	☐	2.000	2.465	35173.52	0.2386	P	0.9
3	☐	500.000	574.763	7412685.38	50.4146	A	1.1
4	☐	1250.000	1358.999	17537587.38	119.1722	A	0.7
5	☐	2500.000	2679.180	34228027.55	234.9186	A	1.9
6	☐	5000.000	5087.527	64223915.71	446.0695	A	1.0
7	☐	10000.000	9894.078	124577192.59	867.4821	A	0.8
8	☐			26625.01	0.2026	P	1.3

$$y = 0.0877 * x + 0.0225$$

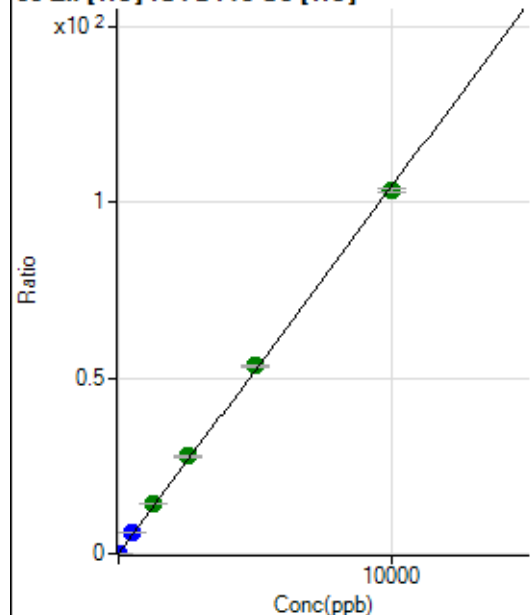
$$R = 0.9997$$

$$DL = 0.02774$$

$$BEC = 0.2563$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2345.77	0.0162	P	4.1
2	☐	5.000	5.504	10864.23	0.0737	P	2.2
3	☐	500.000	554.335	854268.56	5.8100	P	1.1
4	☐	1250.000	1358.791	2092317.70	14.2180	A	0.3
5	☐	2500.000	2657.672	4049600.88	27.7936	A	1.7
6	☐	5000.000	5117.298	7702931.55	53.5012	A	1.3
7	☐	10000.000	9885.617	14840843.39	103.3387	A	1.0
8	☐			28772.51	0.2189	P	0.7

$$y = 0.0105 * x + 0.0162$$

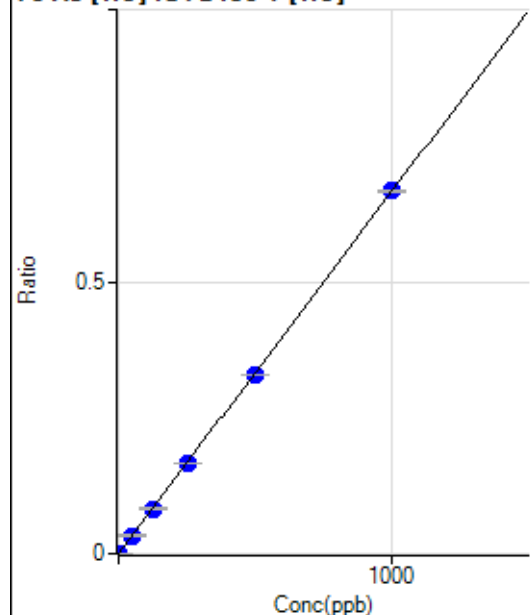
$$R = 0.9997$$

$$DL = 0.1915$$

$$BEC = 1.546$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.33	0.0000	P	0.6
2	☐	1.000	1.095	994.49	0.0007	P	4.9
3	☐	50.000	50.310	44796.48	0.0335	P	1.0
4	☐	125.000	124.504	111054.30	0.0828	P	0.7
5	☐	250.000	250.237	219641.24	0.1665	P	0.6
6	☐	500.000	494.149	428194.49	0.3288	P	0.7
7	☐	1000.000	1002.913	830899.41	0.6673	P	0.6
8	☐			370.01	0.0003	P	11.2

$$y = 6.6532E-004 * x + 1.0019E-005$$

$$R = 1.0000$$

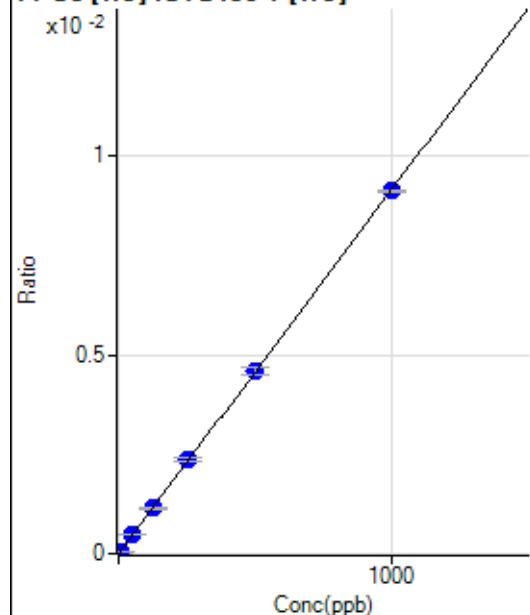
$$DL = 0.0002534$$

$$BEC = 0.01506$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	6.231	77.78	0.0001	P	20.2
3	☐	50.000	52.046	637.80	0.0005	P	2.6
4	☐	125.000	125.668	1541.21	0.0011	P	3.7
5	☐	250.000	257.520	3107.05	0.0024	P	4.6
6	☐	500.000	501.254	5970.20	0.0046	P	4.1
7	☐	1000.000	997.301	11355.79	0.0091	P	0.9
8	☐			7.78	0.0000	P	107.5

$$y = 9.1432\text{E-}006 * x + 8.3033\text{E-}007$$

$$R = 1.0000$$

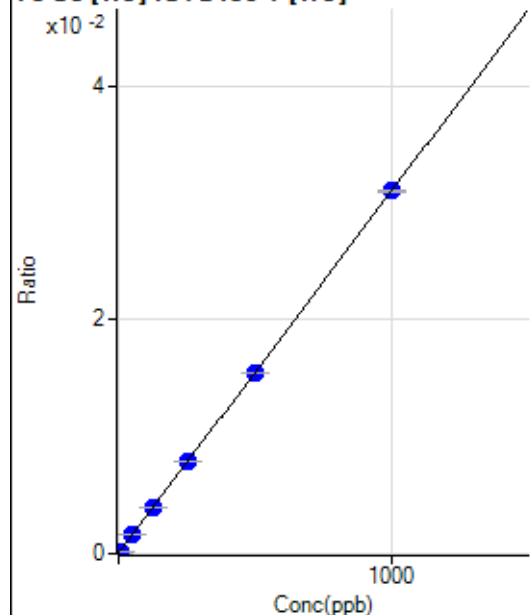
$$DL = 0.4719$$

$$BEC = 0.09081$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	36.67	0.0000	P	24.3
2	☐	5.000	5.211	254.45	0.0002	P	8.4
3	☐	50.000	52.103	2196.86	0.0016	P	3.6
4	☐	125.000	126.230	5279.93	0.0039	P	1.3
5	☐	250.000	252.754	10367.25	0.0079	P	0.9
6	☐	500.000	497.568	20114.48	0.0154	P	0.5
7	☐	1000.000	1000.267	38626.26	0.0310	P	0.9
8	☐			67.78	0.0001	P	18.8

$$y = 3.0984\text{E-}005 * x + 2.7568\text{E-}005$$

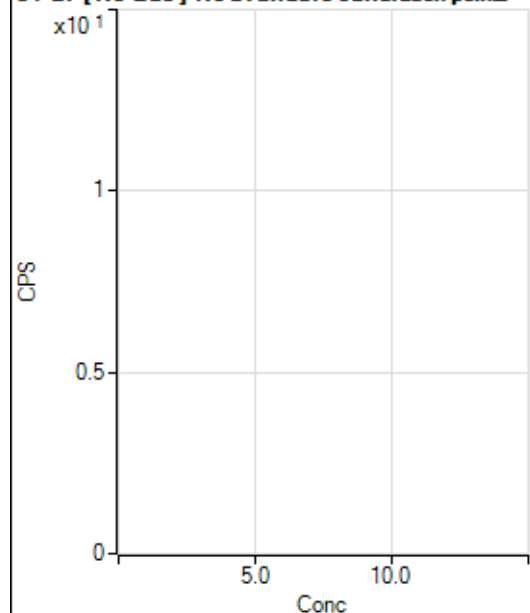
$$R = 1.0000$$

$$DL = 0.6482$$

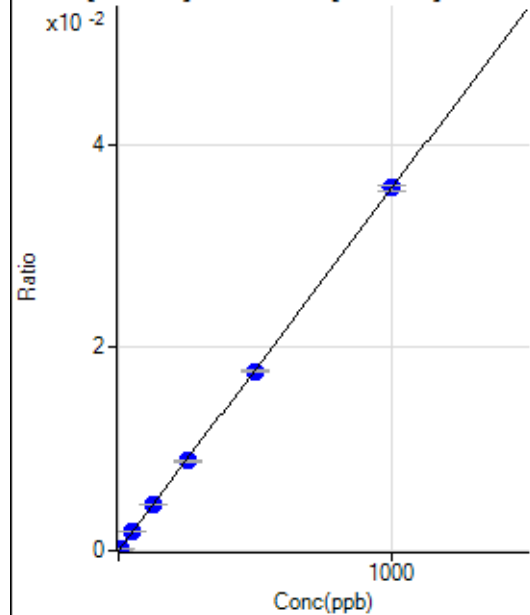
$$BEC = 0.8898$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			20175.77		P	1.7
2	☐			20548.54		P	2.3
3	☐			20101.19		P	1.1
4	☐			19548.19		P	0.3
5	☐			19600.47		P	1.1
6	☐			19894.24		P	1.8
7	☐			19962.14		P	2.4
8	☐			18676.97		P	1.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.22	0.0000	P	2664.
2	☐	5.000	5.438	2872.62	0.0002	P	5.9
3	☐	50.000	52.003	27642.55	0.0019	P	2.0
4	☐	125.000	127.667	68216.85	0.0046	P	1.4
5	☐	250.000	247.989	133288.09	0.0089	P	1.4
6	☐	500.000	496.458	263459.69	0.0177	P	0.8
7	☐	1000.000	1001.838	502959.71	0.0358	P	1.8
8	☐			281.13	0.0000	P	3.8

$$y = 3.5689\text{E-}005 * x + 1.2927\text{E-}007$$

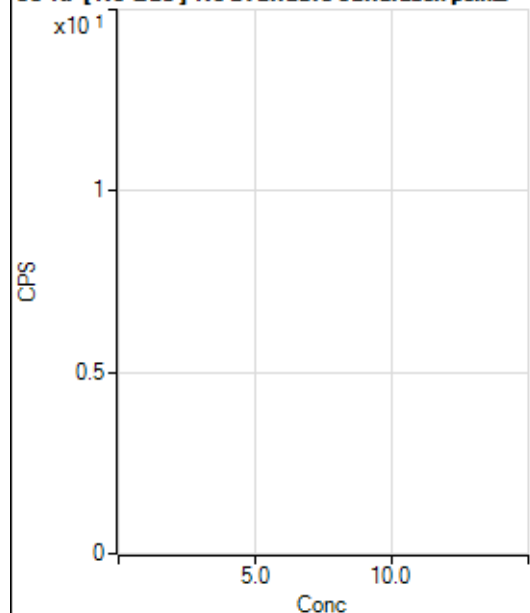
$$R = 1.0000$$

$$DL = 0.2896$$

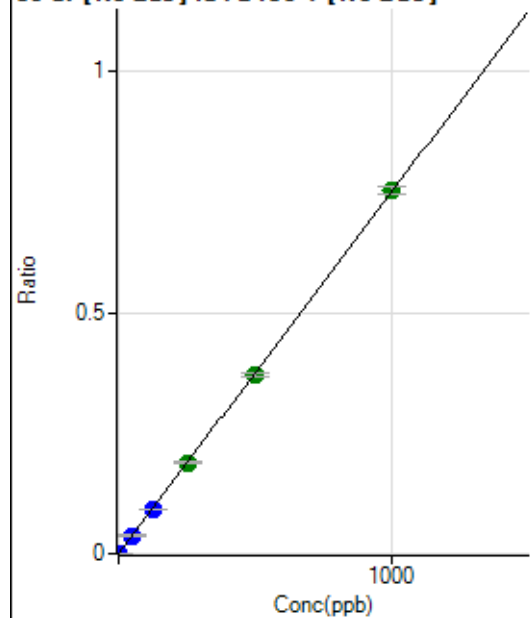
$$BEC = 0.003622$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			370.01		P	7.7
2	☐			362.23		P	2.8
3	☐			416.68		P	10.6
4	☐			400.01		P	4.3
5	☐			413.34		P	6.4
6	☐			394.45		P	10.7
7	☐			482.24		P	0.8
8	☐			423.34		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	647.80	0.0000	P	10.1
2	☐	1.000	1.107	12919.39	0.0009	P	1.6
3	☐	50.000	50.311	562391.40	0.0378	P	1.4
4	☐	125.000	123.313	1384690.45	0.0925	P	1.5
5	☐	250.000	251.271	2837443.57	0.1884	A	1.3
6	☐	500.000	492.922	5495595.82	0.3696	A	1.8
7	☐	1000.000	1003.416	10582952.13	0.7523	A	2.0
8	☐			30930.96	0.0024	P	2.3

$$y = 7.4971\text{E-}004 * x + 4.3331\text{E-}005$$

$$R = 1.0000$$

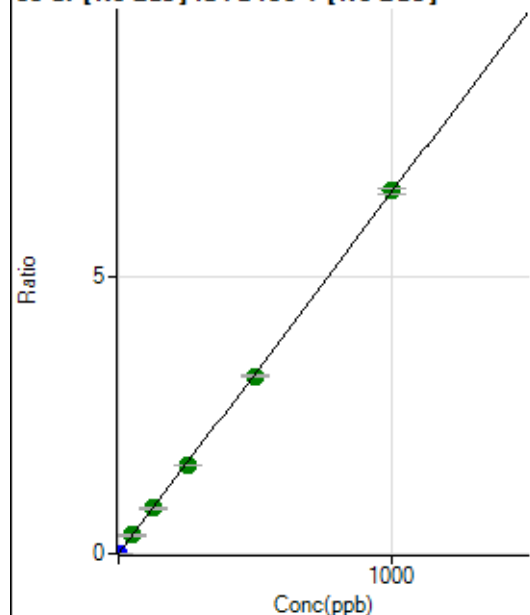
$$DL = 0.01744$$

$$BEC = 0.0578$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	900.04	0.0001	P	5.6
2	☐	1.000	1.103	107281.41	0.0073	P	0.7
3	☐	50.000	50.885	4940458.50	0.3318	A	1.8
4	☐	125.000	125.808	12277890.24	0.8201	A	1.7
5	☐	250.000	245.795	24128832.42	1.6023	A	1.0
6	☐	500.000	492.041	47693267.07	3.2074	A	0.5
7	☐	1000.000	1004.885	92148298.63	6.5503	A	1.3
8	☐			270802.83	0.0213	P	2.0

$$y = 0.0065 * x + 6.0219E-005$$

$$R = 0.9999$$

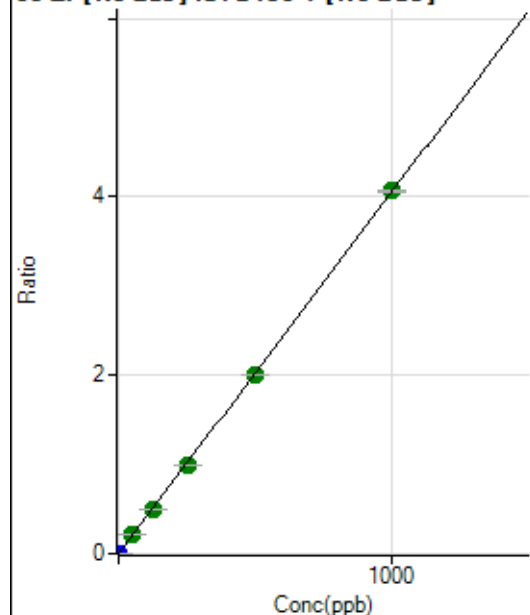
$$DL = 0.00156$$

$$BEC = 0.009238$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1168.95	0.0001	P	3.7
2	☐	1.000	1.088	66344.52	0.0045	P	0.4
3	☐	50.000	51.092	3082830.27	0.2070	A	1.0
4	☐	125.000	123.648	7497666.97	0.5008	A	1.1
5	☐	250.000	246.693	15046128.94	0.9991	A	0.1
6	☐	500.000	494.070	29751566.50	2.0009	A	0.7
7	☐	1000.000	1003.906	57196483.59	4.0655	A	0.8
8	☐			24508.27	0.0019	P	2.8

$$y = 0.0040 * x + 7.8248E-005$$

$$R = 1.0000$$

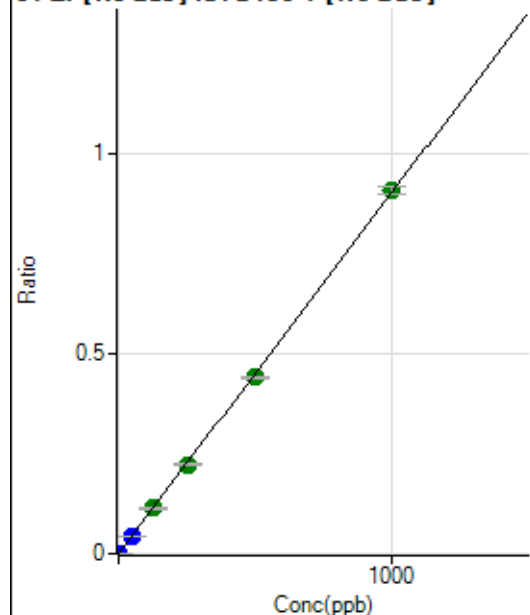
$$DL = 0.00216$$

$$BEC = 0.01932$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	211.11	0.0000	P	9.8
2	☐	1.000	1.091	14719.00	0.0010	P	2.5
3	☐	50.000	49.759	666599.05	0.0448	P	2.4
4	☐	125.000	125.414	1688626.09	0.1128	A	2.8
5	☐	250.000	247.709	3355268.42	0.2228	A	0.6
6	☐	500.000	488.392	6531750.88	0.4393	A	1.1
7	☐	1000.000	1006.337	12731996.89	0.9051	A	2.1
8	☐			5409.98	0.0004	P	1.3

$$y = 8.9935E-004 * x + 1.4123E-005$$

$$R = 0.9999$$

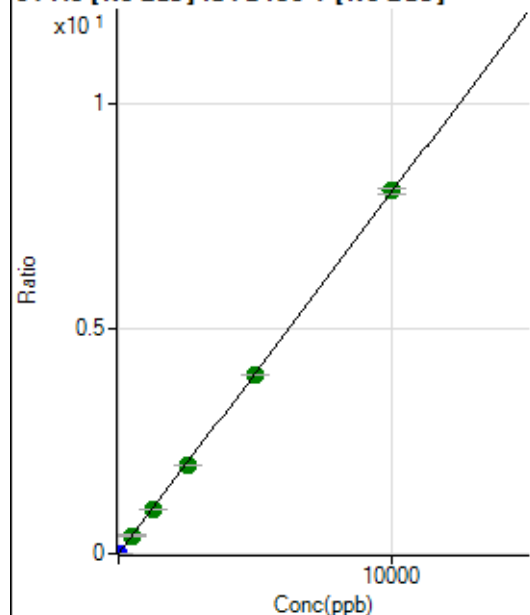
$$DL = 0.004621$$

$$BEC = 0.0157$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	516.68	0.0000	P	6.8
2	☐	5.000	6.543	78296.45	0.0053	P	1.8
3	☐	500.000	502.369	6012955.46	0.4038	A	2.4
4	☐	1250.000	1236.817	14882846.86	0.9941	A	1.1
5	☐	2500.000	2455.216	29718375.67	1.9733	A	0.1
6	☐	5000.000	4943.585	59080450.23	3.9733	A	0.5
7	☐	10000.000	10040.932	113535702.75	8.0701	A	1.7
8	☐			20092.40	0.0016	P	2.2

$$y = 8.0372E-004 * x + 3.4571E-005$$

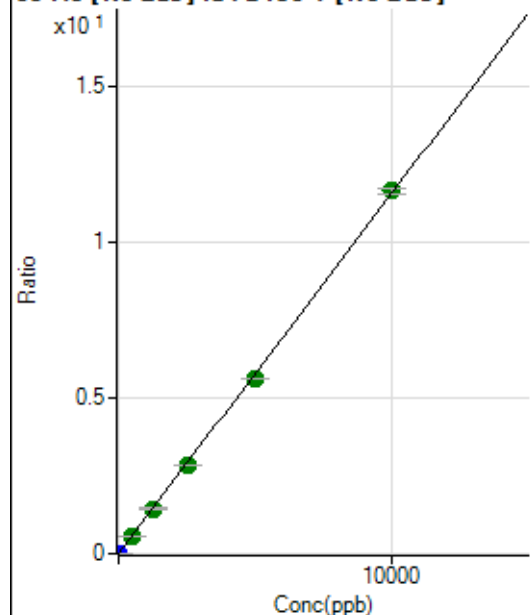
$$R = 1.0000$$

$$DL = 0.008743$$

$$BEC = 0.04301$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	296.67	0.0000	P	18.7
2	☐	5.000	5.521	94811.73	0.0064	P	0.4
3	☐	500.000	502.999	8669934.31	0.5822	A	1.3
4	☐	1250.000	1250.985	21672678.84	1.4478	A	2.8
5	☐	2500.000	2449.950	42699525.75	2.8354	A	1.1
6	☐	5000.000	4876.226	83914822.64	5.6434	A	0.2
7	☐	10000.000	10074.126	164013558.67	11.6590	A	1.8
8	☐			20694.36	0.0016	P	1.5

$$y = 0.0012 * x + 1.9856E-005$$

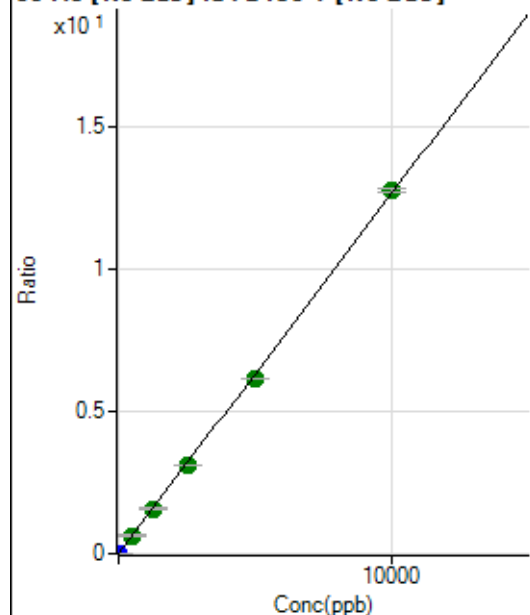
$$R = 0.9999$$

$$DL = 0.009624$$

$$BEC = 0.01716$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	382.23	0.0000	P	2.1
2	☐	5.000	5.604	105357.84	0.0071	P	1.4
3	☐	500.000	507.081	9563137.15	0.6422	A	2.0
4	☐	1250.000	1254.996	23791709.37	1.5893	A	2.4
5	☐	2500.000	2450.839	46739643.19	3.1037	A	1.2
6	☐	5000.000	4862.720	91569653.08	6.1581	A	0.7
7	☐	10000.000	10079.951	179584506.22	12.7650	A	1.1
8	☐			30530.20	0.0024	P	3.9

$$y = 0.0013 * x + 2.5581E-005$$

$$R = 0.9998$$

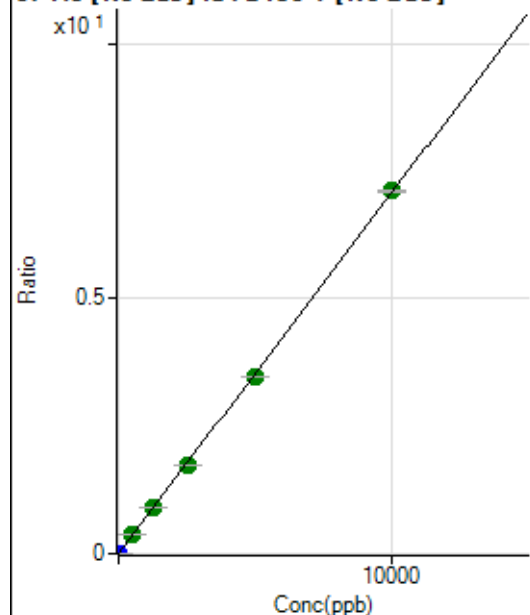
$$DL = 0.001253$$

$$BEC = 0.0202$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	203.34	0.0000	P	13.7
2	☐	5.000	5.526	58049.72	0.0039	P	0.9
3	☐	500.000	512.475	5401748.88	0.3627	A	1.8
4	☐	1250.000	1260.967	13361571.33	0.8925	A	1.2
5	☐	2500.000	2463.839	26261526.83	1.7438	A	1.1
6	☐	5000.000	4900.930	51577405.34	3.4686	A	0.1
7	☐	10000.000	10056.580	100133707.40	7.1175	A	0.7
8	☐			11844.05	0.0009	P	6.5

$$y = 7.0774\text{E-}004 * x + 1.3613\text{E-}005$$

$$R = 0.9999$$

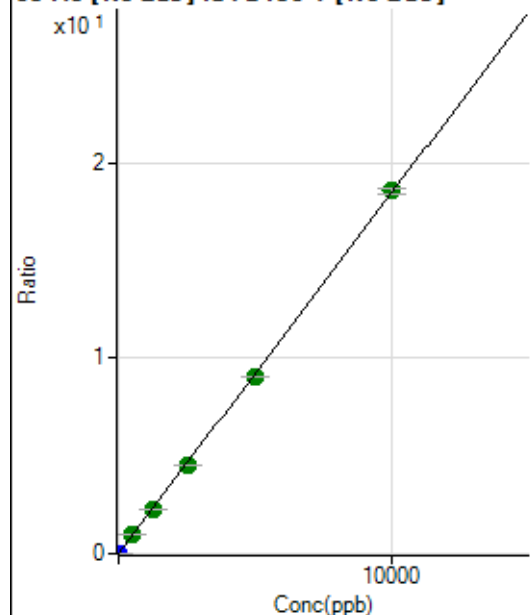
$$DL = 0.007901$$

$$BEC = 0.01923$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	452.24	0.0000	P	12.0
2	☐	5.000	5.539	151648.81	0.0103	P	0.5
3	☐	500.000	510.701	14036984.23	0.9425	A	1.1
4	☐	1250.000	1247.231	34461487.54	2.3017	A	0.4
5	☐	2500.000	2464.211	68488643.42	4.5476	A	0.8
6	☐	5000.000	4908.915	134704215.77	9.0591	A	0.7
7	☐	10000.000	10054.301	261009820.55	18.5547	A	1.7
8	☐			29119.55	0.0023	P	5.6

$$y = 0.0018 * x + 3.0285\text{E-}005$$

$$R = 0.9999$$

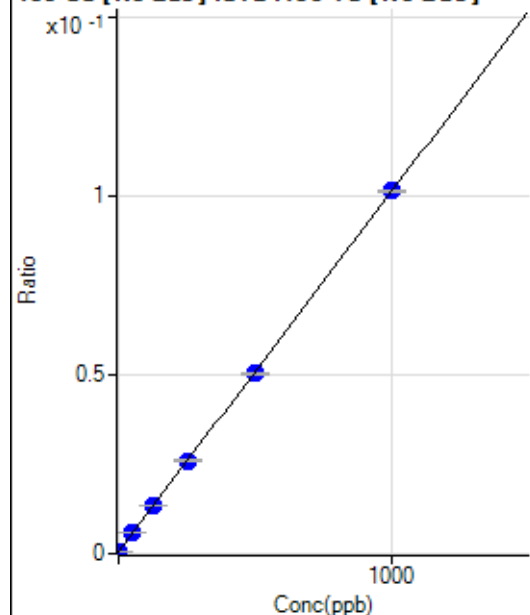
$$DL = 0.005905$$

$$BEC = 0.01641$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5562.28	0.0006	P	1.6
2	☐	1.000	0.996	6539.38	0.0007	P	3.3
3	☐	50.000	52.697	55067.07	0.0059	P	2.4
4	☐	125.000	126.994	126869.42	0.0134	P	1.9
5	☐	250.000	252.115	243419.61	0.0260	P	2.0
6	☐	500.000	494.656	474024.14	0.0505	P	1.1
7	☐	1000.000	1001.759	908939.26	0.1016	P	0.6
8	☐			4999.84	0.0006	P	2.7

$$y = 1.0079\text{E-}004 * x + 6.0564\text{E-}004$$

$$R = 1.0000$$

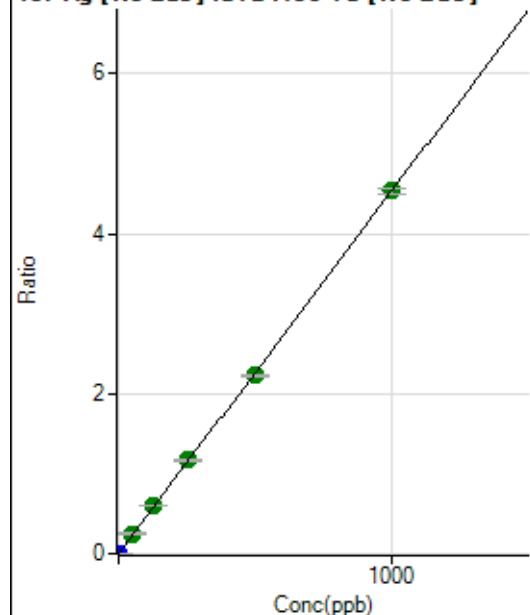
$$DL = 0.2972$$

$$BEC = 6.009$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	140.00	0.0000	P	12.5
2	☐	1.000	1.096	46136.84	0.0050	P	0.6
3	☐	50.000	55.087	2321859.84	0.2495	A	2.4
4	☐	125.000	131.764	5646927.28	0.5967	A	2.5
5	☐	250.000	257.485	10911382.13	1.1661	A	1.5
6	☐	500.000	491.814	20923390.66	2.2273	A	0.9
7	☐	1000.000	1001.122	40570778.56	4.5338	A	1.7
8	☐			3666.09	0.0005	P	9.8

$$y = 0.0045 * x + 1.5242\text{E-}005$$

$$R = 0.9999$$

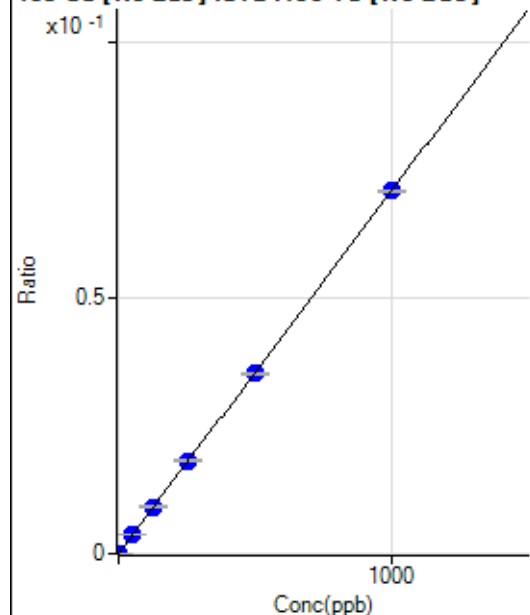
$$DL = 0.001259$$

$$BEC = 0.003366$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	20.00	0.0000	P	66.7
2	☐	1.000	1.076	726.69	0.0001	P	2.7
3	☐	50.000	53.278	35148.13	0.0038	P	2.1
4	☐	125.000	129.664	86939.66	0.0092	P	3.1
5	☐	250.000	255.509	169354.60	0.0181	P	2.6
6	☐	500.000	495.717	329911.73	0.0351	P	1.3
7	☐	1000.000	1000.017	633989.27	0.0708	P	0.5
8	☐			221.12	0.0000	P	5.2

$$y = 7.0844\text{E-}005 * x + 2.1778\text{E-}006$$

$$R = 1.0000$$

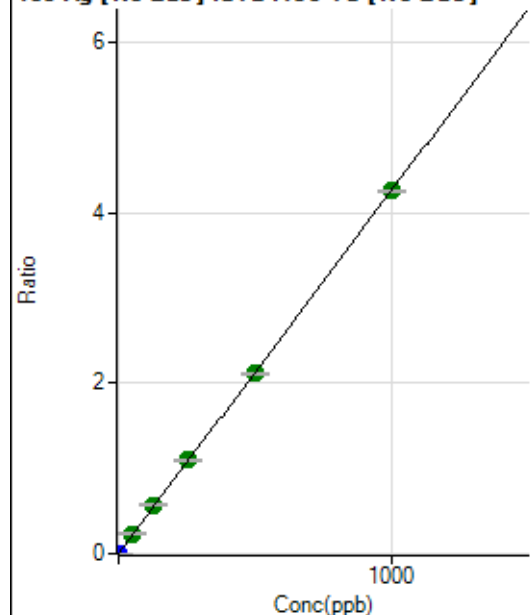
$$DL = 0.06155$$

$$BEC = 0.03074$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	78.89	0.0000	P	33.7
2	☐	1.000	1.102	43594.34	0.0047	P	0.8
3	☐	50.000	55.245	2191723.37	0.2355	A	2.1
4	☐	125.000	132.752	5353541.79	0.5659	A	4.0
5	☐	250.000	256.882	10241664.92	1.0950	A	3.5
6	☐	500.000	496.065	19863190.26	2.1146	A	1.5
7	☐	1000.000	999.016	38108315.27	4.2585	A	0.7
8	☐			3280.42	0.0004	P	9.4

$$y = 0.0043 * x + 8.5860\text{E-}006$$

$$R = 0.9999$$

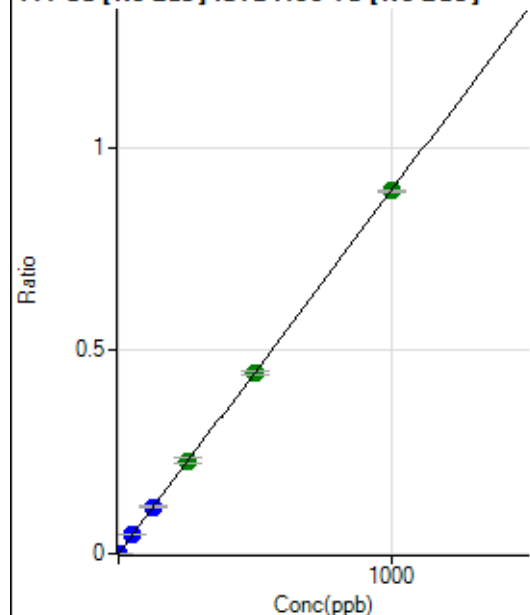
$$DL = 0.002035$$

$$BEC = 0.002014$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3930.71	0.0004	P	1.7
2	☐	1.000	1.147	13456.60	0.0015	P	0.6
3	☐	50.000	52.517	440705.43	0.0474	P	1.8
4	☐	125.000	127.576	1082732.61	0.1144	P	2.6
5	☐	250.000	256.025	2142769.83	0.2292	A	5.4
6	☐	500.000	499.504	4196797.65	0.4467	A	2.0
7	☐	1000.000	998.294	7986073.35	0.8924	A	0.7
8	☐			4290.71	0.0005	P	3.2

$$y = 8.9351\text{E-}004 * x + 4.2799\text{E-}004$$

$$R = 1.0000$$

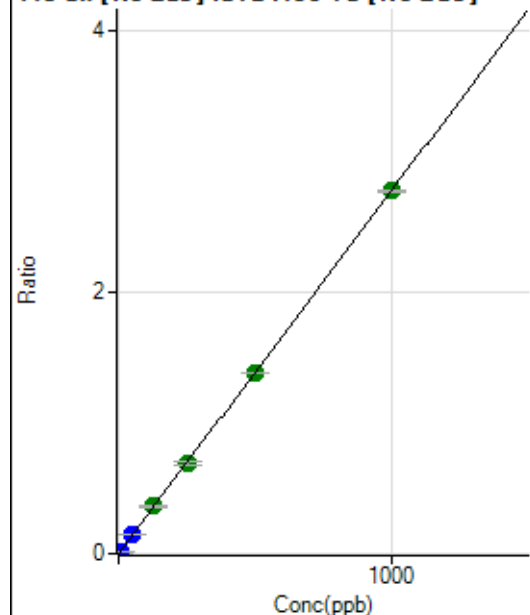
$$DL = 0.02434$$

$$BEC = 0.479$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4206.24	0.0005	P	2.6
2	☐	5.000	5.500	145725.67	0.0157	P	1.6
3	☐	50.000	51.373	1332193.41	0.1431	P	1.5
4	☐	125.000	130.471	3433777.80	0.3628	A	2.1
5	☐	250.000	250.366	6505934.42	0.6958	A	5.0
6	☐	500.000	498.637	13014495.50	1.3853	A	0.7
7	☐	1000.000	999.835	24853735.74	2.7773	A	0.7
8	☐			8840.69	0.0011	P	2.1

$$y = 0.0028 * x + 4.5800\text{E-}004$$

$$R = 1.0000$$

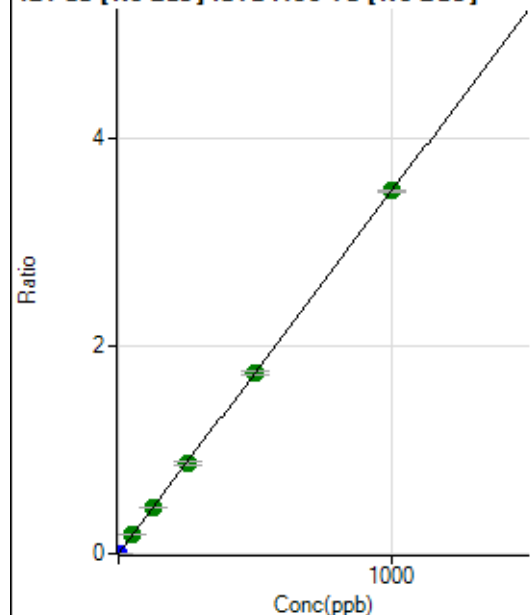
$$DL = 0.01271$$

$$BEC = 0.1649$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	102.22	0.0000	P	26.3
2	☐	2.000	2.154	69684.26	0.0075	P	1.2
3	☐	50.000	51.477	1670923.69	0.1795	A	1.6
4	☐	125.000	127.306	4201546.39	0.4440	A	2.6
5	☐	250.000	251.757	8210403.77	0.8780	A	4.2
6	☐	500.000	497.206	16288235.03	1.7339	A	1.6
7	☐	1000.000	1000.595	31225283.42	3.4894	A	0.6
8	☐			12927.33	0.0016	P	3.1

$$y = 0.0035 * x + 1.1126E-005$$

$$R = 1.0000$$

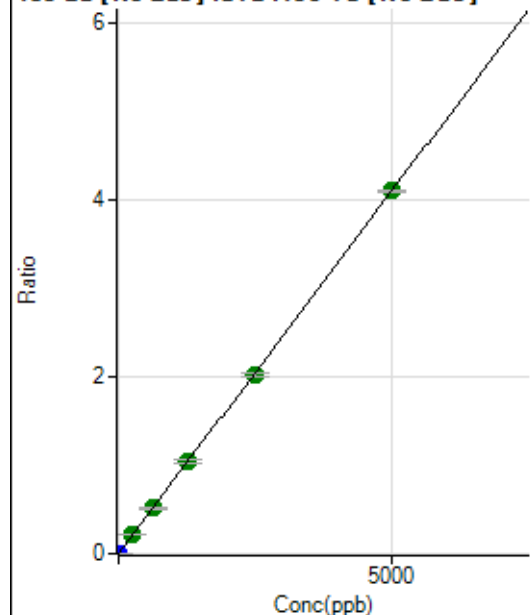
$$DL = 0.002519$$

$$BEC = 0.00319$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	200.00	0.0000	P	9.0
2	☐	10.000	10.724	81563.46	0.0088	P	0.6
3	☐	250.000	261.095	1990629.74	0.2139	A	1.8
4	☐	625.000	623.884	4835382.81	0.5110	A	3.0
5	☐	1250.000	1268.841	9719228.05	1.0393	A	4.2
6	☐	2500.000	2477.591	19062045.41	2.0294	A	2.3
7	☐	5000.000	5006.078	36692623.06	4.1004	A	0.8
8	☐			13291.08	0.0017	P	1.6

$$y = 8.1907E-004 * x + 2.1780E-005$$

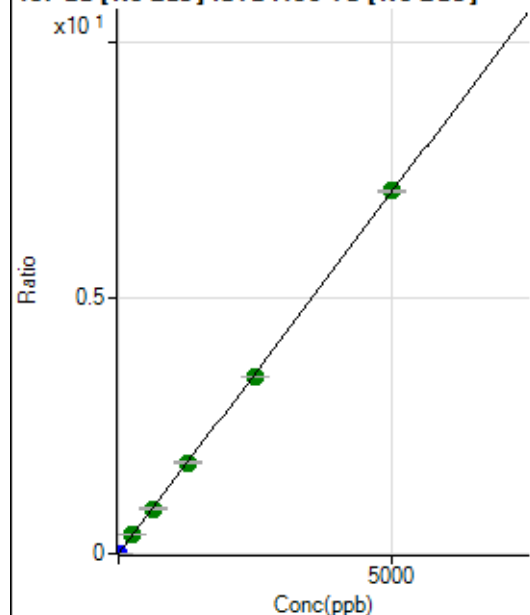
$$R = 1.0000$$

$$DL = 0.007203$$

$$BEC = 0.02659$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	350.01	0.0000	P	3.2
2	☐	10.000	10.772	141543.79	0.0153	P	1.0
3	☐	250.000	260.807	3435257.45	0.3691	A	1.2
4	☐	625.000	616.962	8260733.28	0.8731	A	3.5
5	☐	1250.000	1263.336	16720550.58	1.7877	A	3.6
6	☐	2500.000	2451.935	32595311.74	3.4697	A	0.3
7	☐	5000.000	5021.161	63582664.05	7.1053	A	0.7
8	☐			22899.45	0.0029	P	2.8

$$y = 0.0014 * x + 3.8108E-005$$

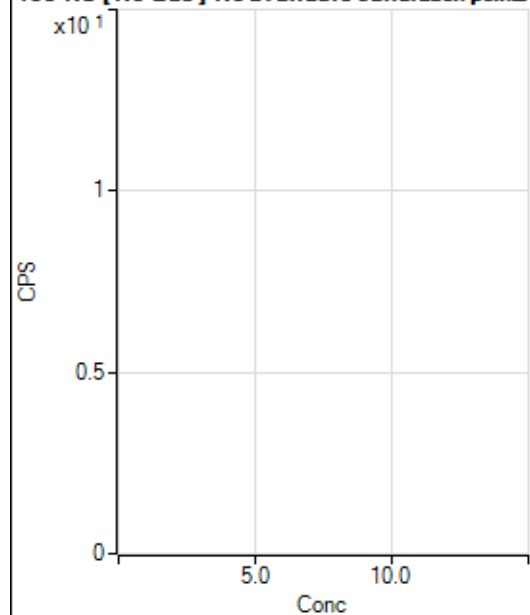
$$R = 0.9999$$

$$DL = 0.002598$$

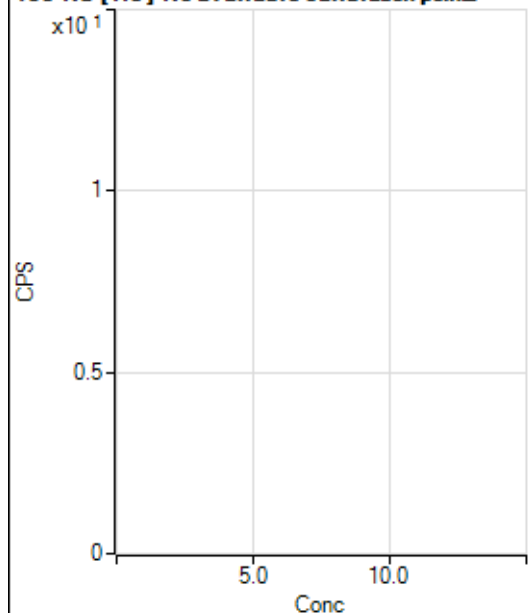
$$BEC = 0.02693$$

Weight: <None>

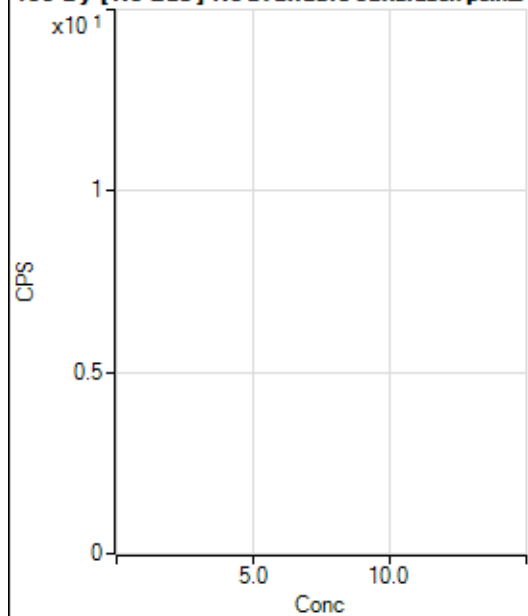
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

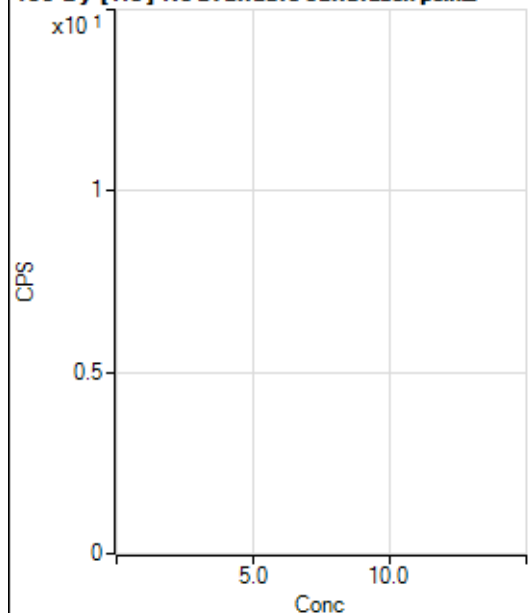
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			7.78		P	49.5
2	☐			21.11		P	32.9
3	☐			154.45		P	10.0
4	☐			302.23		P	4.2
5	☐			584.46		P	9.4
6	☐			1062.28		P	2.4
7	☐			2022.40		P	3.1
8	☐			492.24		P	2.8

150 Nd [He] No available calibration points

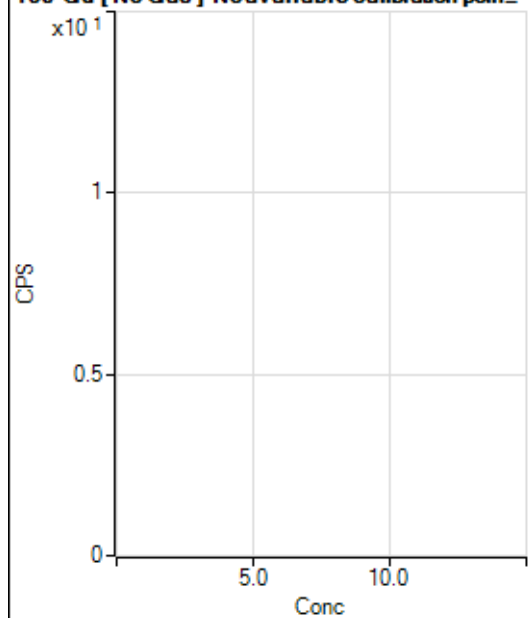
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			5.55		P	124.9
3	☐			6.67		P	100.0
4	☐			15.55		P	44.6
5	☐			41.11		P	59.8
6	☐			84.44		P	12.1
7	☐			136.67		P	6.5
8	☐			157.78		P	15.0

156 Dy [No Gas] No available calibration points

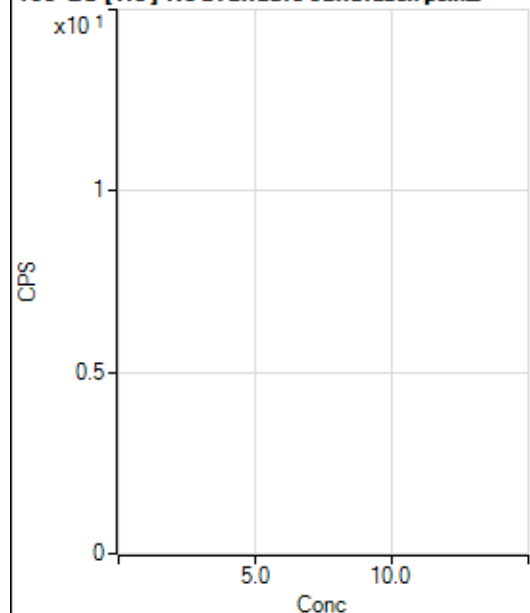
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			21.11		P	9.1
2	☐			20.00		P	60.1
3	☐			51.11		P	13.6
4	☐			101.11		P	34.3
5	☐			191.12		P	5.6
6	☐			343.34		P	5.9
7	☐			643.36		P	5.0
8	☐			1022.28		P	8.6

156 Dy [He] No available calibration points

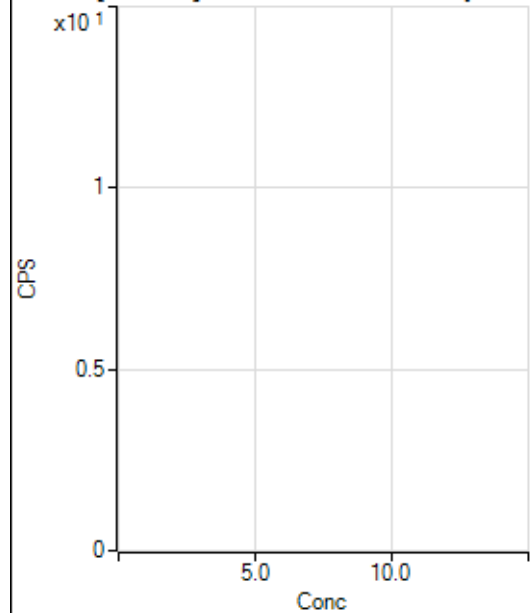
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	100.1
2	☐			4.44		P	114.6
3	☐			13.33		P	25.0
4	☐			23.33		P	49.5
5	☐			36.67		P	18.2
6	☐			84.45		P	24.1
7	☐			124.45		P	32.3
8	☐			363.34		P	5.6

160 Gd [No Gas] Noavailable calibration poin_

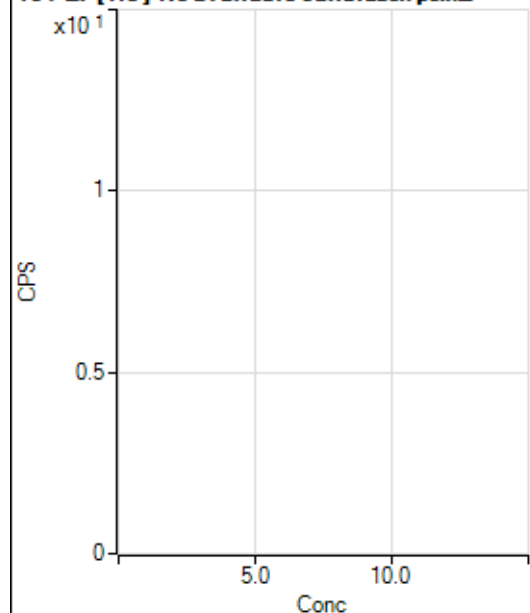
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			94.45		P	11.3
2	☐			105.56		P	26.3
3	☐			94.45		P	7.3
4	☐			128.89		P	22.3
5	☐			177.78		P	16.9
6	☐			251.12		P	12.3
7	☐			354.45		P	4.8
8	☐			896.72		P	6.8

160 Gd [He] No available calibration points

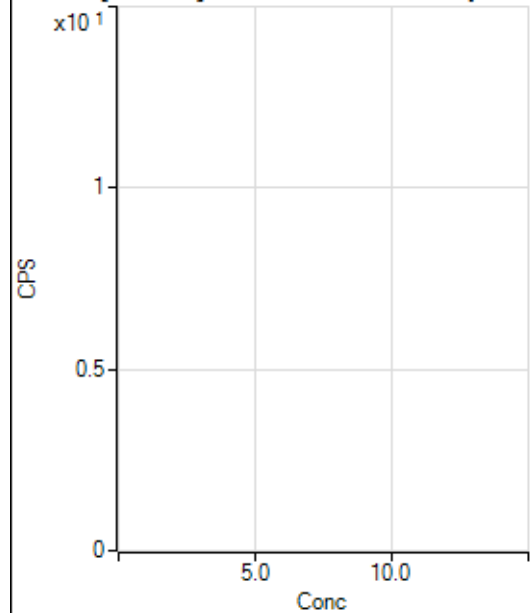
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			16.67		P	52.9
2	☐			23.33		P	49.5
3	☐			22.22		P	22.9
4	☐			43.33		P	13.3
5	☐			56.66		P	27.0
6	☐			71.11		P	15.1
7	☐			167.78		P	19.6
8	☐			414.46		P	5.9

164 Er [No Gas] No available calibration points

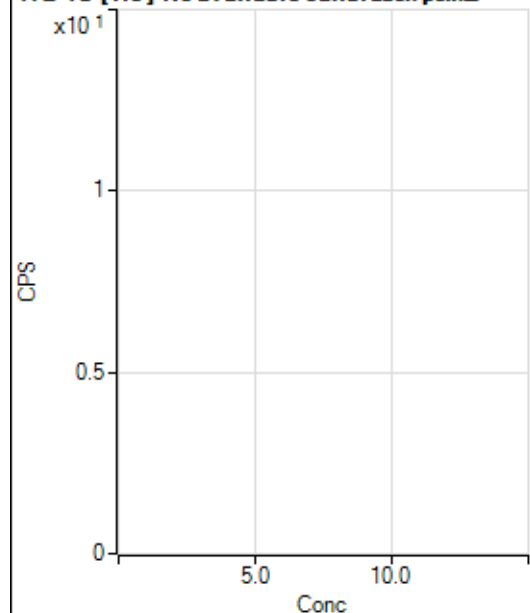
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			70.00		P	38.1
2	☐			67.78		P	51.2
3	☐			85.56		P	39.8
4	☐			107.78		P	21.7
5	☐			176.67		P	3.8
6	☐			266.67		P	3.7
7	☐			474.46		P	12.0
8	☐			1072.28		P	2.6

164 Er [He] No available calibration points

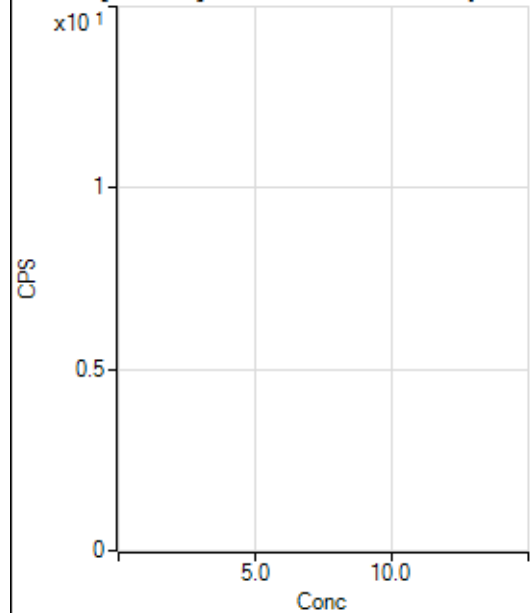
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			17.78		P	60.3
2	☐			28.89		P	54.5
3	☐			35.56		P	35.5
4	☐			55.56		P	9.2
5	☐			65.56		P	7.8
6	☐			107.78		P	9.4
7	☐			195.56		P	7.1
8	☐			445.57		P	7.7

172 Yb [No Gas] No available calibration points

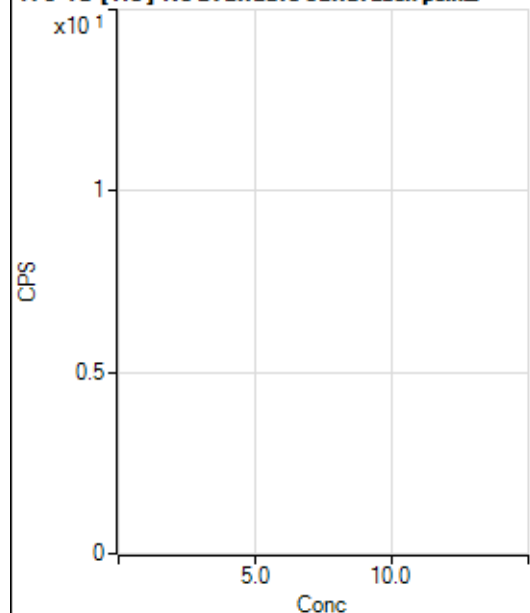
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			62.22		P	24.7
2	☐			54.44		P	18.7
3	☐			78.89		P	16.0
4	☐			118.89		P	26.9
5	☐			188.89		P	15.0
6	☐			340.01		P	4.9
7	☐			534.46		P	9.1
8	☐			1614.56		P	3.7

172 Yb [He] No available calibration points

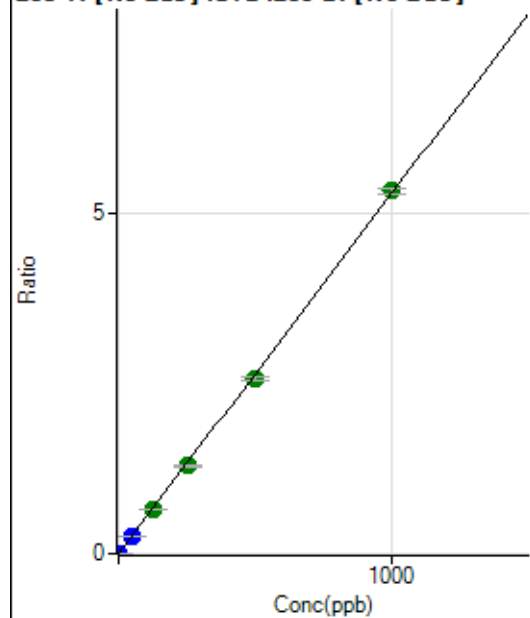
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			32.22		P	39.2
2	☐			23.33		P	14.3
3	☐			20.00		P	16.7
4	☐			77.78		P	21.1
5	☐			80.00		P	11.0
6	☐			137.78		P	1.4
7	☐			245.56		P	4.8
8	☐			774.48		P	3.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1162.28		P	5.5
2	☐			1264.52		P	6.9
3	☐			7825.70		P	1.5
4	☐			17517.29		P	1.3
5	☐			33649.45		P	1.1
6	☐			65688.94		P	0.4
7	☐			126034.61		P	1.5
8	☐			2127.97		P	2.7

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			263.34		P	19.6
2	☐			280.01		P	15.5
3	☐			2914.80		P	4.0
4	☐			6799.58		P	2.7
5	☐			13257.86		P	2.2
6	☐			26005.67		P	1.2
7	☐			50240.63		P	0.2
8	☐			766.70		P	3.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	346.67	0.0001	P	18.6
2	☐	1.000	1.006	28744.06	0.0054	P	2.3
3	☐	50.000	48.387	1351012.23	0.2565	P	0.4
4	☐	125.000	121.815	3422603.04	0.6456	A	1.5
5	☐	250.000	244.434	6728764.48	1.2955	A	2.3
6	☐	500.000	487.570	13130030.63	2.5840	A	1.7
7	☐	1000.000	1008.086	25393570.17	5.3425	A	1.7
8	☐			1665.68	0.0004	P	7.6

$$y = 0.0053 * x + 6.5258E-005$$

$$R = 0.9999$$

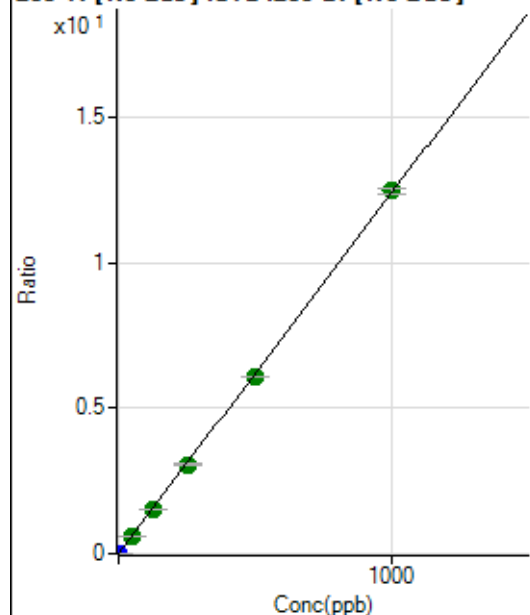
$$DL = 0.006854$$

$$BEC = 0.01231$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	806.70	0.0002	P	5.2
2	☐	1.000	1.017	67908.71	0.0127	P	0.4
3	☐	50.000	49.531	3232755.26	0.6138	A	0.8
4	☐	125.000	121.443	7977077.10	1.5046	A	0.4
5	☐	250.000	247.478	15928332.54	3.0660	A	1.1
6	☐	500.000	490.183	30858446.76	6.0728	A	0.7
7	☐	1000.000	1006.007	59238411.89	12.4631	A	1.8
8	☐			3897.30	0.0010	P	11.2

$$y = 0.0124 * x + 1.5183E-004$$

$$R = 0.9999$$

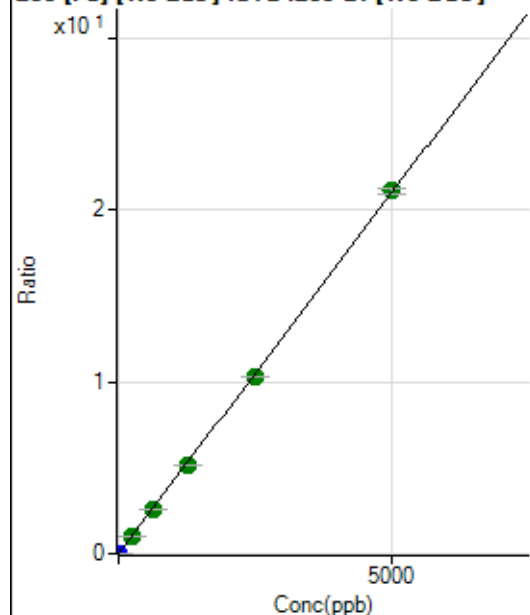
$$DL = 0.001919$$

$$BEC = 0.01226$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1274.52	0.0002	P	5.4
2	☐	1.000	1.105	25992.79	0.0049	P	1.1
3	☐	250.000	249.895	5527366.93	1.0494	A	1.0
4	☐	625.000	610.931	13598853.13	2.5653	A	1.4
5	☐	1250.000	1232.033	26876575.15	5.1730	A	0.6
6	☐	2500.000	2457.607	52435154.22	10.3187	A	0.6
7	☐	5000.000	5027.452	100332647.39	21.1084	A	1.9
8	☐			44673.27	0.0111	P	1.0

$$y = 0.0042 * x + 2.3985E-004$$

$$R = 0.9999$$

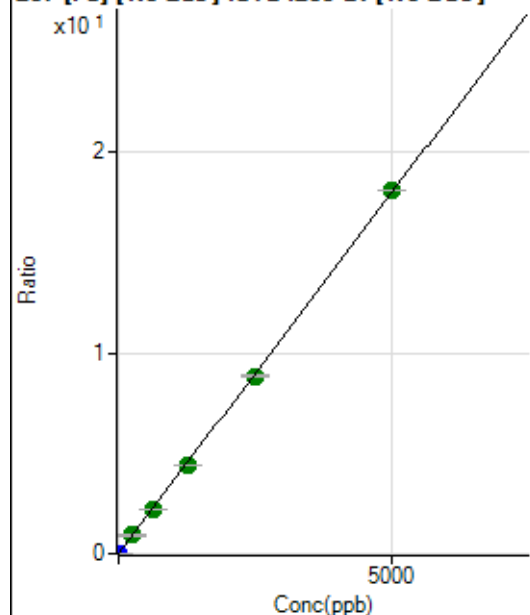
$$DL = 0.009274$$

$$BEC = 0.05713$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1163.40	0.0002	P	5.4
2	☐	1.000	1.124	22667.64	0.0043	P	0.9
3	☐	250.000	253.488	4796264.89	0.9106	A	0.6
4	☐	625.000	612.183	11655364.13	2.1989	A	2.2
5	☐	1250.000	1225.730	22876146.88	4.4024	A	0.6
6	☐	2500.000	2456.339	44828136.55	8.8221	A	1.1
7	☐	5000.000	5029.325	85859269.83	18.0630	A	0.1
8	☐			38055.72	0.0094	P	0.8

$$y = 0.0036 * x + 2.1895E-004$$

$$R = 0.9999$$

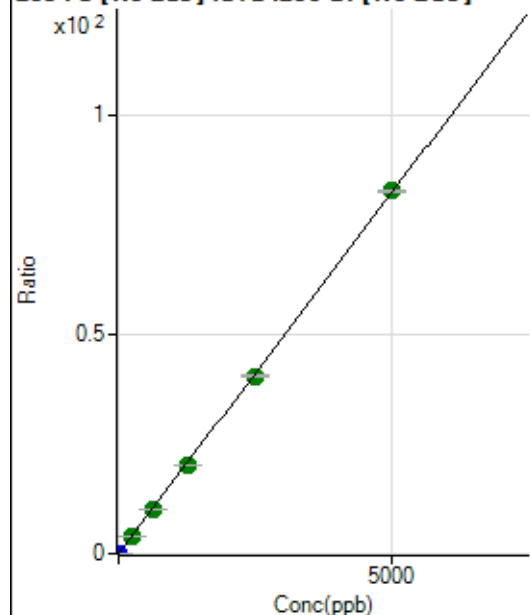
$$DL = 0.00991$$

$$BEC = 0.06096$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5242.70	0.0010	P	1.1
2	☐	1.000	1.111	102895.66	0.0193	P	0.5
3	☐	250.000	251.200	21823705.82	4.1433	A	0.1
4	☐	625.000	613.876	53664311.84	10.1239	A	2.1
5	☐	1250.000	1228.079	105242312.87	20.2523	A	0.7
6	☐	2500.000	2459.396	206088511.37	40.5569	A	0.6
7	☐	5000.000	5027.113	394045403.02	82.8991	A	0.3
8	☐			175019.14	0.0434	P	1.2

$$y = 0.0165 * x + 9.8664E-004$$

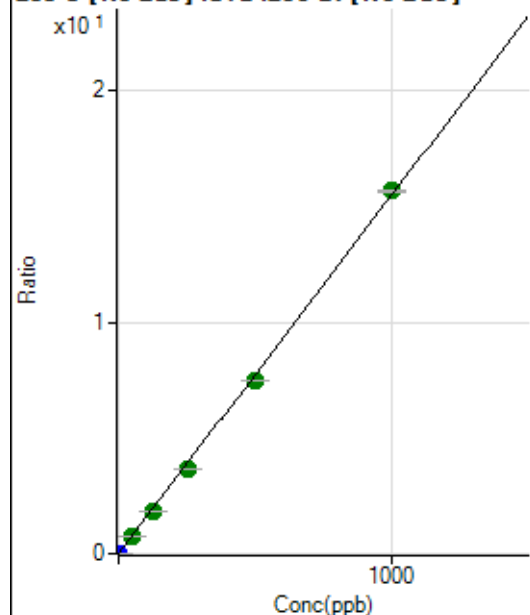
$$R = 0.9999$$

$$DL = 0.002008$$

$$BEC = 0.05983$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	432.23	0.0001	P	8.2
2	☐	1.000	1.027	85064.46	0.0160	P	1.3
3	☐	50.000	48.821	3979181.09	0.7555	A	0.1
4	☐	125.000	118.620	9729014.58	1.8354	A	2.6
5	☐	250.000	237.991	19133900.55	3.6824	A	0.1
6	☐	500.000	483.214	37992525.55	7.4766	A	0.5
7	☐	1000.000	1012.252	74447748.89	15.6622	A	0.3
8	☐			2949.26	0.0007	P	6.6

$$y = 0.0155 * x + 8.1332E-005$$

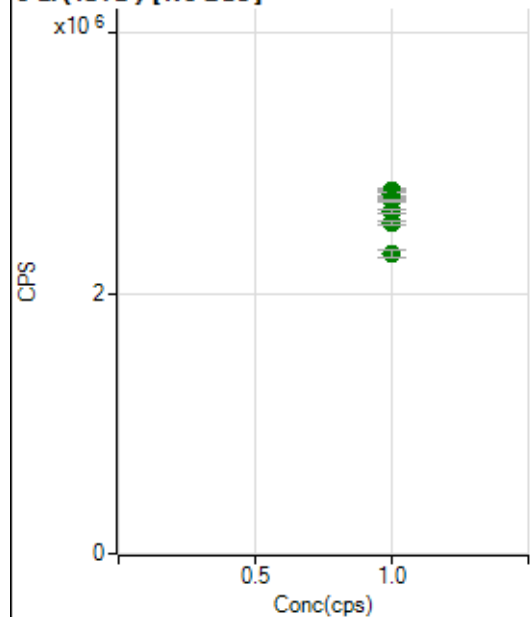
$$R = 0.9997$$

$$DL = 0.001292$$

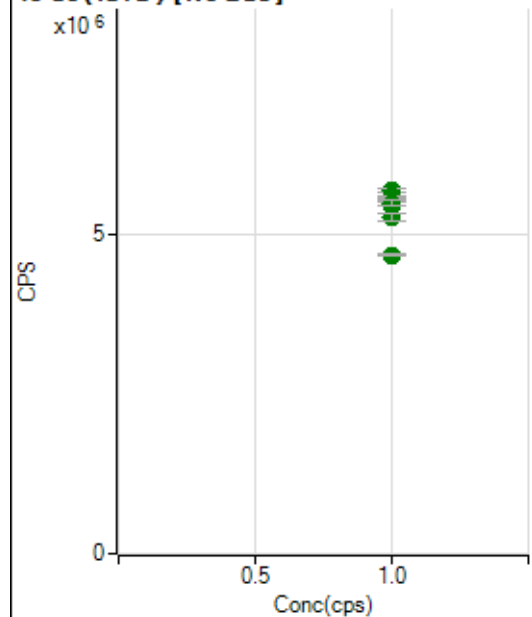
$$BEC = 0.005257$$

Weight: <None>

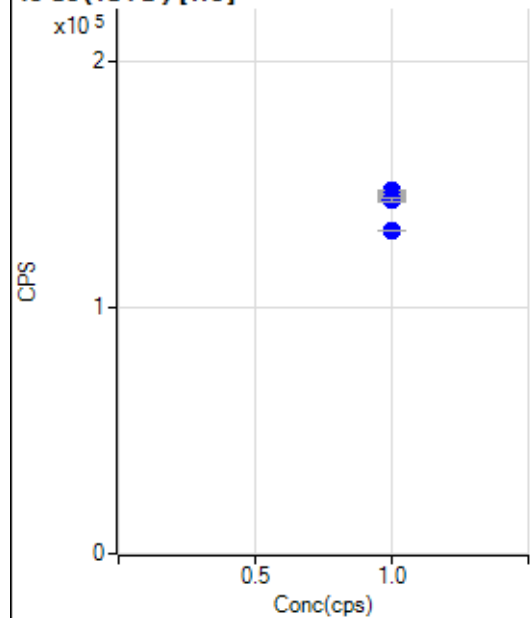
Min Conc: 0

6 Li (ISTD) [No Gas]

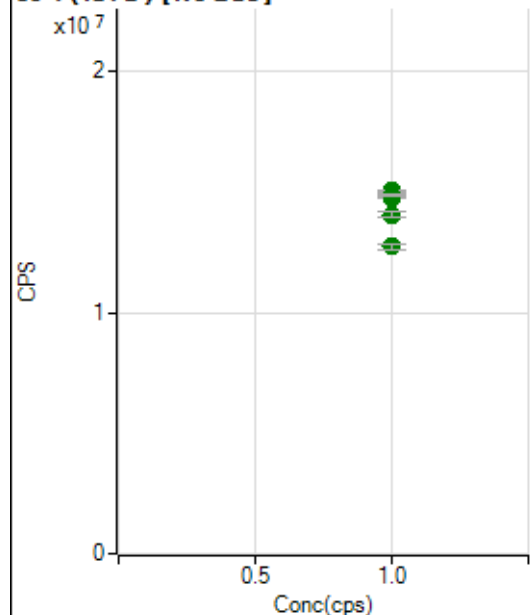
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2750954.23		A	2.3
2	☐	1.000		2789140.68		A	1.2
3	☐	1.000		2775806.75		A	1.4
4	☐	1.000		2760893.85		A	1.7
5	☐	1.000		2717208.95		A	0.7
6	☐	1.000		2636227.98		A	1.3
7	☐	1.000		2539461.17		A	1.0
8	☐	1.000		2304527.56		A	2.6

45 Sc (ISTD) [No Gas]

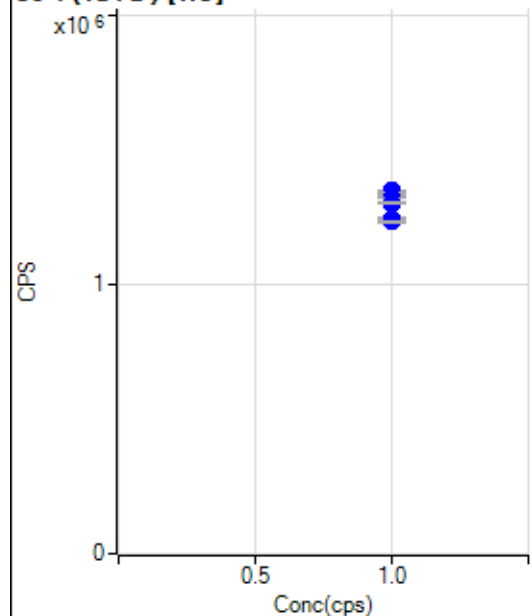
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5464400.61		A	0.3
2	☐	1.000		5698261.03		A	1.1
3	☐	1.000		5573506.58		A	1.5
4	☐	1.000		5623512.07		A	0.3
5	☐	1.000		5602099.85		A	0.6
6	☐	1.000		5509540.89		A	2.0
7	☐	1.000		5277116.80		A	2.5
8	☐	1.000		4693492.61		A	0.5

45 Sc (ISTD) [He]

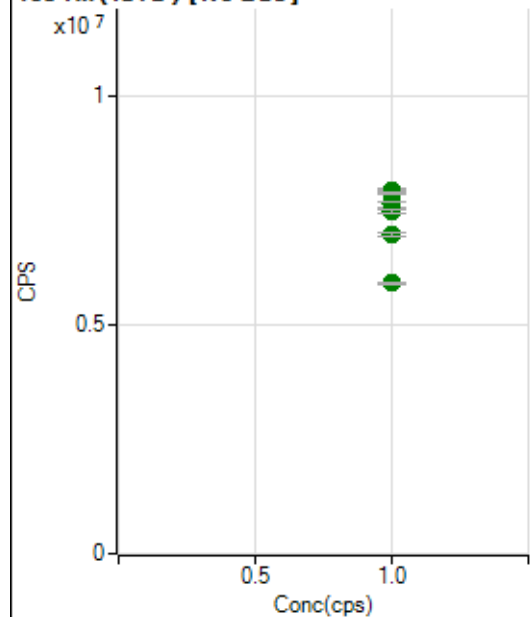
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		145226.50		P	0.5
2	☐	1.000		147439.30		P	0.2
3	☐	1.000		147042.01		P	0.7
4	☐	1.000		147160.04		P	0.3
5	☐	1.000		145708.37		P	0.4
6	☐	1.000		143981.81		P	0.6
7	☐	1.000		143614.43		P	1.1
8	☐	1.000		131447.95		P	0.3

89 Y (ISTD) [No Gas]

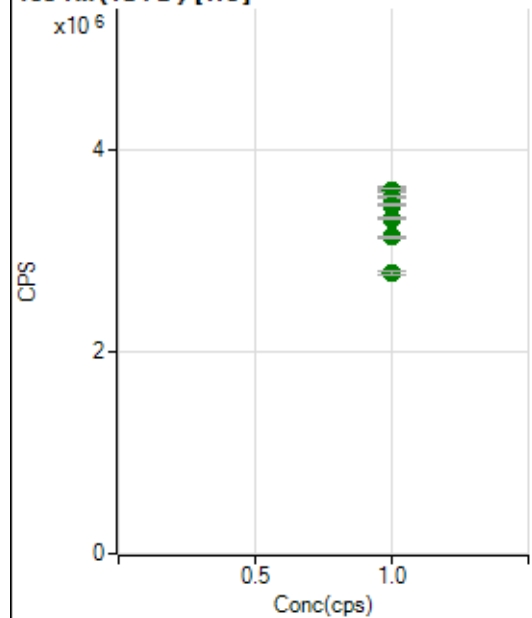
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		14941445.19		A	0.9
2	☐	1.000		14792413.25		A	0.5
3	☐	1.000		14895404.36		A	1.9
4	☐	1.000		14972535.47		A	1.2
5	☐	1.000		15060028.11		A	0.8
6	☐	1.000		14869687.14		A	0.5
7	☐	1.000		14069632.71		A	1.7
8	☐	1.000		12736722.73		A	1.7

89 Y (ISTD) [He]

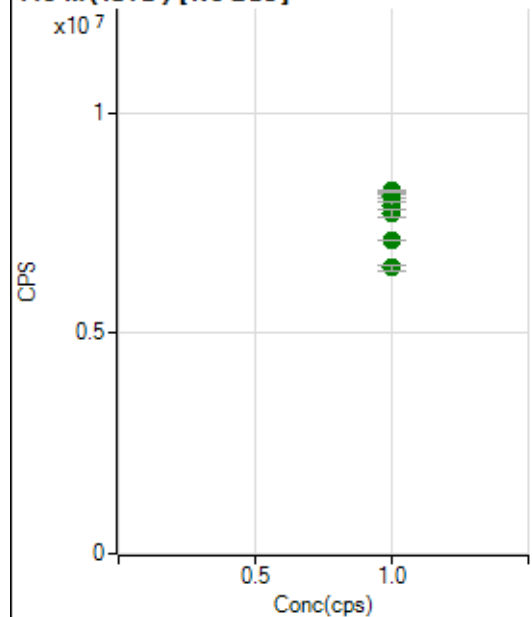
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1330541.14		P	0.6
2	☐	1.000		1346591.61		P	0.7
3	☐	1.000		1337914.34		P	0.7
4	☐	1.000		1340508.82		P	0.5
5	☐	1.000		1319175.74		P	0.2
6	☐	1.000		1302396.46		P	0.2
7	☐	1.000		1245210.39		P	0.4
8	☐	1.000		1233739.05		P	0.6

103 Rh (ISTD) [No Gas]

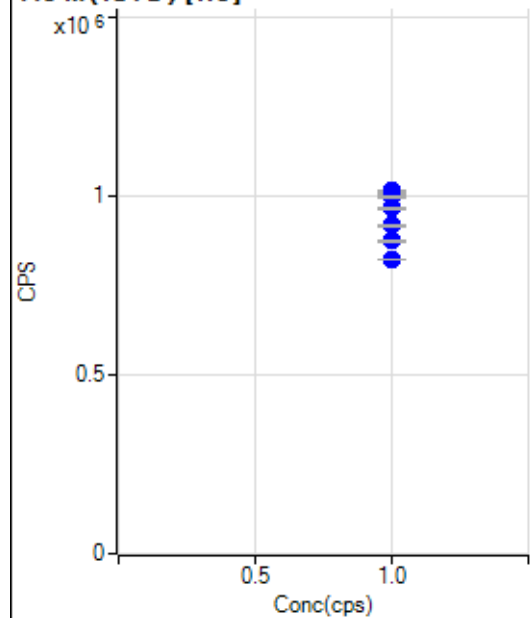
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7891998.07		A	1.0
2	☐	1.000		7911624.81		A	1.8
3	☐	1.000		7900612.31		A	1.0
4	☐	1.000		7855166.00		A	0.8
5	☐	1.000		7612896.20		A	1.7
6	☐	1.000		7471795.65		A	1.2
7	☐	1.000		6954426.84		A	0.8
8	☐	1.000		5901620.95		A	0.6

103 Rh (ISTD) [He]

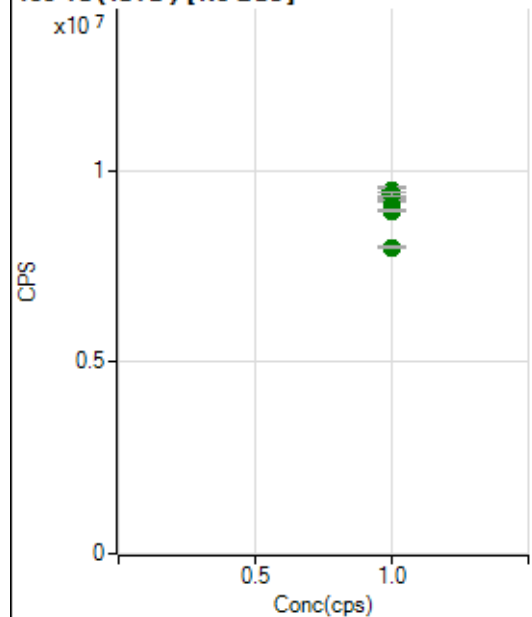
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3583495.05		A	2.6
2	☐	1.000		3568366.89		A	1.4
3	☐	1.000		3586213.83		A	1.2
4	☐	1.000		3525490.75		A	0.5
5	☐	1.000		3443601.02		A	0.6
6	☐	1.000		3311373.18		A	0.6
7	☐	1.000		3128772.21		A	0.7
8	☐	1.000		2782992.63		A	1.3

115 In (ISTD) [No Gas]

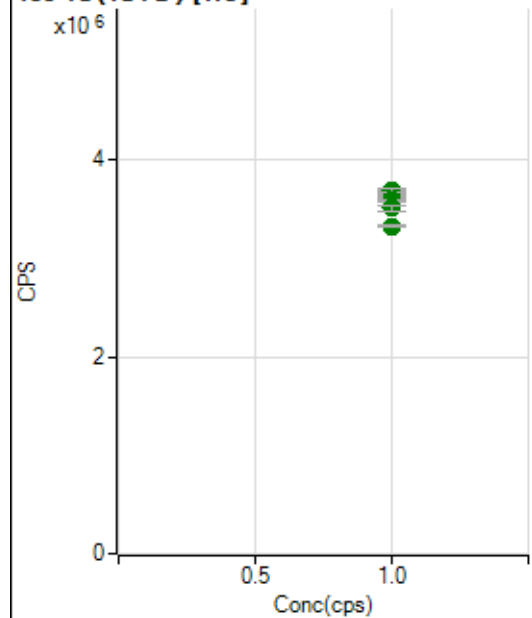
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8116348.60		A	1.2
2	☐	1.000		8174313.81		A	0.0
3	☐	1.000		8166194.47		A	0.1
4	☐	1.000		8225460.46		A	0.6
5	☐	1.000		7893367.69		A	2.3
6	☐	1.000		7732600.92		A	2.4
7	☐	1.000		7109923.70		A	0.3
8	☐	1.000		6478203.56		A	1.5

115 In (ISTD) [He]

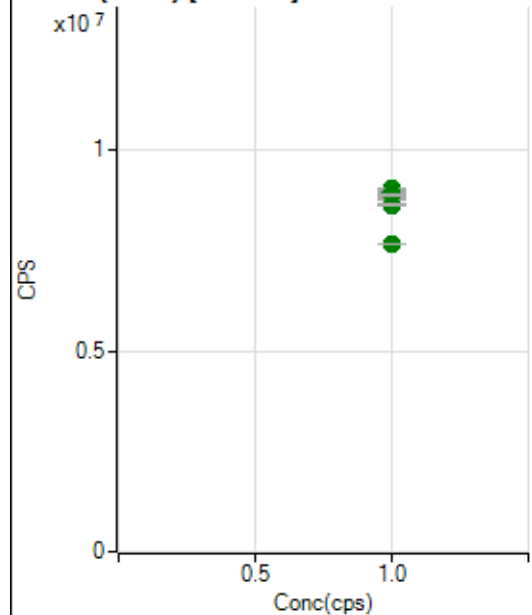
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1010391.44		P	0.3
2	☐	1.000		1015715.79		P	0.1
3	☐	1.000		1009592.72		P	0.4
4	☐	1.000		999612.28		P	0.4
5	☐	1.000		967309.46		P	0.4
6	☐	1.000		918152.16		P	0.4
7	☐	1.000		824551.28		P	0.4
8	☐	1.000		875524.42		P	0.3

159 Tb (ISTD) [No Gas]

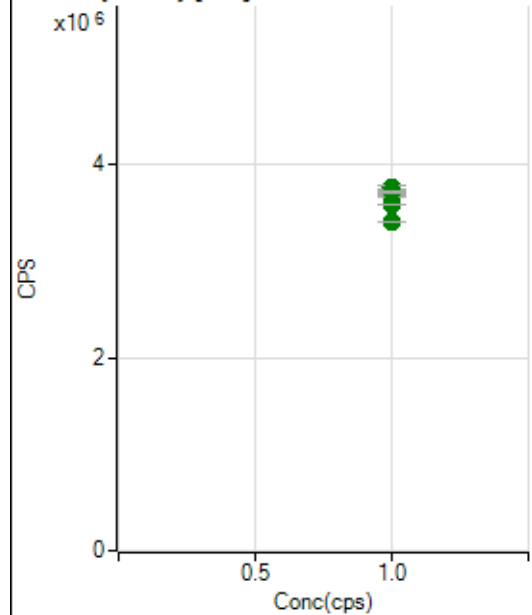
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9184106.39		A	0.2
2	☐	1.000		9263538.68		A	1.4
3	☐	1.000		9307787.98		A	0.8
4	☐	1.000		9467130.13		A	2.7
5	☐	1.000		9360148.61		A	3.2
6	☐	1.000		9394485.42		A	1.0
7	☐	1.000		8948777.16		A	0.4
8	☐	1.000		7990095.58		A	0.8

159 Tb (ISTD) [He]

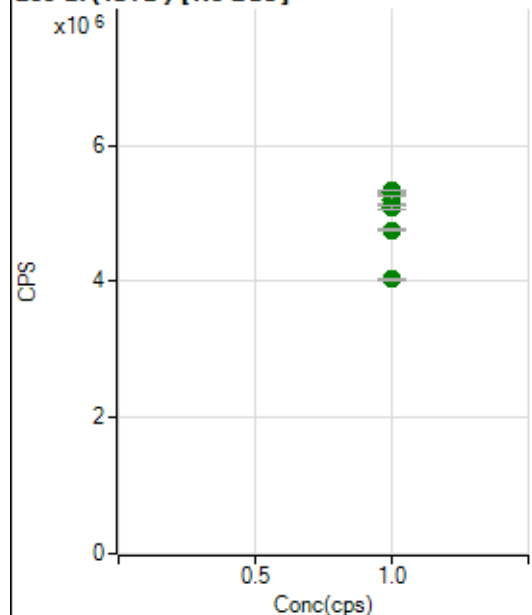
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3656719.98		A	1.7
2	☐	1.000		3676884.70		A	1.3
3	☐	1.000		3627637.90		A	1.2
4	☐	1.000		3688946.96		A	0.9
5	☐	1.000		3606189.81		A	1.8
6	☐	1.000		3588981.33		A	0.6
7	☐	1.000		3513967.59		A	1.9
8	☐	1.000		3332315.33		A	0.4

165 Ho (ISTD) [No Gas]

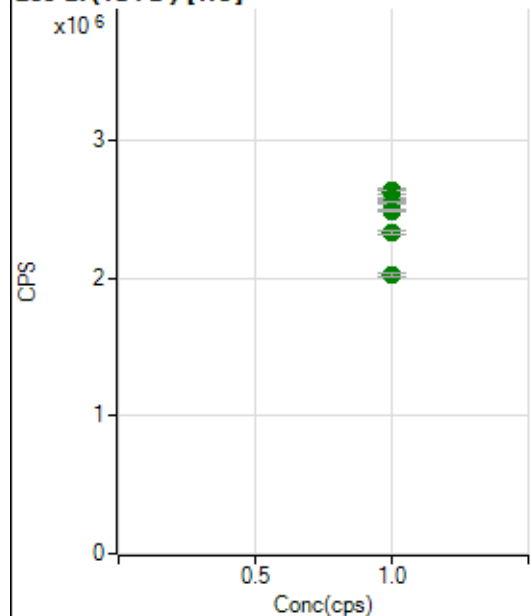
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8822210.29		A	0.8
2	☐	1.000		8931457.86		A	1.4
3	☐	1.000		8912014.24		A	0.8
4	☐	1.000		9037527.99		A	0.6
5	☐	1.000		8936220.77		A	2.8
6	☐	1.000		8886044.59		A	1.0
7	☐	1.000		8636786.19		A	0.7
8	☐	1.000		7654996.55		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3679643.00		A	0.4
2	☐	1.000		3741430.50		A	0.5
3	☐	1.000		3756195.47		A	1.0
4	☐	1.000		3724781.40		A	0.7
5	☐	1.000		3727115.02		A	0.4
6	☐	1.000		3716850.92		A	0.8
7	☐	1.000		3585536.23		A	0.4
8	☐	1.000		3403978.84		A	0.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5313554.09		A	0.3
2	☐	1.000		5327808.60		A	0.3
3	☐	1.000		5267174.89		A	0.7
4	☐	1.000		5301723.22		A	1.4
5	☐	1.000		5195999.85		A	2.4
6	☐	1.000		5081670.44		A	1.1
7	☐	1.000		4753346.98		A	0.4
8	☐	1.000		4031818.58		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2609661.47		A	2.0
2	☐	1.000		2634670.03		A	1.6
3	☐	1.000		2623017.61		A	0.9
4	☐	1.000		2576985.59		A	0.6
5	☐	1.000		2547177.76		A	0.9
6	☐	1.000		2489795.52		A	0.6
7	☐	1.000		2331464.90		A	0.8
8	☐	1.000		2021042.61		A	1.7

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8040225MS.b
Acq. Date-Time 2025-04-02 14:46:22
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		76534	765343.02			0.850	5.000
24		285542	2855419.38			1.131	5.000
25		38798	387975.90			0.775	5.000
26		43074	430744.65			0.672	5.000
59		364814	3648136.65			0.829	5.000
113		39560	395601.78			0.699	5.000
115		503265	5032647.77			0.430	5.000
206		100562	1005618.98			1.155	5.000
207		81482	814822.80			0.953	5.000
208		206360	2063601.23			1.111	5.000
220		1	7.00			21.429	

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

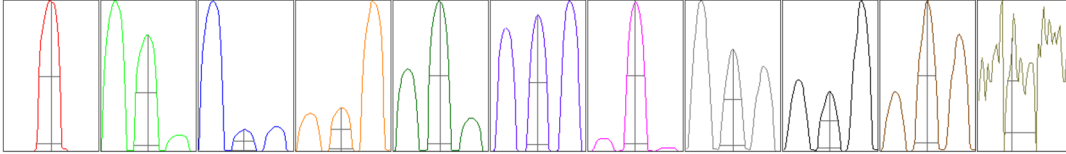
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	77153	75846	76226	76145	77301
24	290419	282293	284888	283256	286854
25	39278	38617	38628	38558	38907
26	43484	43225	42922	42733	43008
59	369358	364694	365382	363565	361070
113	39578	39442	40003	39525	39253
115	505171	501199	503737	500810	505407
206	100428	98726	100529	101527	101600
207	80676	80663	81650	82207	82215
208	203604	205112	208350	205655	209080

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	0	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	122825.92	9.05	8.90 - 9.10	
24	457733.98	24.00	23.90 - 24.10	
25	63734.04	24.95	24.90 - 25.10	
26	73625.13	25.95	25.90 - 26.10	
59	626831.03	59.00	58.90 - 59.10	
113	76736.71	113.00	112.90 - 113.10	
115	962377.44	115.00	114.90 - 115.10	
206	189372.86	206.05	205.90 - 206.10	
207	157671.13	207.00	206.90 - 207.10	
208	399198.16	208.00	207.90 - 208.10	
220	0.90	219.60	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.65	0.788	0.900	
24	0.66	0.788	0.900	
25	0.64	0.785	0.900	
26	0.62	0.767	0.900	
59	0.61	0.737	0.900	
113	0.54	0.685	0.900	
115	0.55	0.729	0.900	
206	0.55	0.802	0.900	
207	0.56	0.746	0.900	
208	0.55	0.765	0.900	
220	0.32	0.966		

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	9.0 V	Deflect	12.2 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 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	150 V		

QP Parameters

Mass Gain	105	Axis Gain	0.9965	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	0.05		

Hardware Settings

Torch

Torch H	0.5 mm	Torch V	-0.3 mm
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EM

Discriminator	4.7 mV	Analog HV	2208 V	Pulse HV	928 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		81186	811856.58			2.199	
89		66228	662278.34			0.725	
205		71024	710238.19			0.606	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	82207	83389	81584	79623	79125
89	66765	66384	66332	65455	66202
205	71148	71330	71485	70472	70685

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	9.0 V	Deflect	1.8 V
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US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	105	Axis Gain	0.9965	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	0.05		
Hardware Settings					
Torch					
Torch H	0.5 mm	Torch V	-0.3 mm		
EM					
Discriminator	4.7 mV	Analog HV	2208 V	Pulse HV	928 V

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 14:49:16	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				275		%
Bismuth	209-2				330		%
Bromine	81-1						cps
Cadmium	108-1						ppb
Cadmium	106-1						ppb
Cadmium	111-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						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				282		%
Holmium	165-2				333		%
Indium	115-1				283		%
Indium	115-2				346		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb
Krypton	83-1						cps
Lead	206-1						ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 14:49:16	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				290		%
Magnesium	24-2						ppb
Manganese	55-2						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				275		%
Rhodium	103-2				329		%
Scandium	45-1				284		%
Scandium	45-2				339		%
Selenium	82-1						ppb
Selenium	77-2						ppb
Selenium	78-2						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				280		%
Terbium	159-2				323		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb
Titanium	47-1						ppb
Uranium	238-1						ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 14:49:16	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2						ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				278		%
Yttrium	89-2				341		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:18:58	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	-0.13	0.05	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.00	-0.02	0.02	0.00	N/A	ppb
Cadmium	106-1	0.01	0.09	-0.10	0.00	N/A	ppb
Cadmium	111-1	0.00	0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	0.41	-0.35	-0.05	0.00	N/A	ppb
Calcium	44-1	-0.64	0.03	0.61	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.04	0.01	0.03	0.00	N/A	ppb
Iron	56-2	-0.04	-0.08	0.12	0.00	N/A	ppb
Iron	57-2	-0.03	0.27	-0.25	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 :	LB135272	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:18:58	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	-0.06	0.04	0.03	0.00	N/A	ppb
Manganese	55-2	-0.02	0.07	-0.04	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-16.86	-21.36	-17.67	-18.63		ppb
Potassium	39-2	0.86	-0.07	-0.79	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.11	0.06	0.05	0.00	N/A	ppb
Selenium	77-2	0.18	-0.09	-0.09	0.00	N/A	ppb
Selenium	78-2	0.08	-0.24	0.17	0.00	N/A	ppb
Silicon	28-1	0.01	0.01	-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	1.01	0.00	-1.01	0.00	N/A	ppb
Strontium	86-1	-0.01	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	166.63	90.53	109.58	122.25	32.39	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	0.00	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:18:58	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	-0.02	-0.05	0.07	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 :	LB135272	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:25:43	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.15	23.74	23.61	23.83	1.19	ppb
Antimony	121-1	2.18	2.16	2.13	2.15	1.17	ppb
Arsenic	75-2	1.08	1.15	1.05	1.09	4.98	ppb
Barium	135-1	10.80	10.71	10.66	10.72	0.63	ppb
Barium	137-1	10.85	10.82	10.65	10.77	0.96	ppb
Beryllium	9-1	1.20	1.20	1.19	1.20	0.43	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	1.04	1.09	1.09	1.08	2.73	ppb
Cadmium	106-1	1.02	1.21	0.76	1.00	23.03	ppb
Cadmium	111-1	1.15	1.15	1.14	1.15	0.84	ppb
Calcium	43-1	559.92	569.34	574.40	567.89	1.29	ppb
Calcium	44-1	553.36	571.28	563.90	562.85	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.31	2.33	2.26	2.30	1.47	ppb
Cobalt	59-2	1.25	1.23	1.21	1.23	1.47	ppb
Copper	63-2	2.48	2.47	2.44	2.46	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	66.65	67.14	64.29	66.03	2.30	ppb
Iron	56-2	64.82	64.01	62.65	63.83	1.72	ppb
Iron	57-2	65.19	62.64	61.72	63.18	2.84	ppb
Krypton	83-1						cps
Lead	206-1	1.09	1.11	1.12	1.10	1.14	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:25:43	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.12	1.14	1.11	1.12	0.99	ppb
Lead	208-1	1.11	1.11	1.12	1.11	0.51	ppb
Lithium	6-1				101		%
Magnesium	24-2	610.16	608.06	591.04	603.09	1.74	ppb
Manganese	55-2	1.23	1.15	1.11	1.16	5.21	ppb
Molybdenum	94-1	6.63	6.41	6.59	6.54	1.83	ppb
Molybdenum	95-1	5.50	5.52	5.54	5.52	0.40	ppb
Molybdenum	96-1	5.61	5.52	5.68	5.60	1.38	ppb
Molybdenum	97-1	5.51	5.49	5.58	5.53	0.86	ppb
Molybdenum	98-1	5.55	5.51	5.56	5.54	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.20	1.20	1.19	1.43	ppb
Phosphorus	31-2	20.13	19.09	16.67	18.63	9.54	ppb
Potassium	39-2	499.05	498.82	488.23	495.37	1.25	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	5.18	5.34	5.80	5.44	5.88	ppb
Selenium	77-2	6.93	4.75	7.01	6.23	20.54	ppb
Selenium	78-2	4.69	5.23	5.72	5.21	9.84	ppb
Silicon	28-1	1.30	1.51	1.46	1.43	7.68	ppb
Silver	107-1	1.10	1.10	1.09	1.10	0.64	ppb
Silver	109-1	1.11	1.09	1.11	1.10	0.81	ppb
Sodium	23-2	599.01	602.90	601.62	601.17	0.33	ppb
Strontium	86-1	1.11	1.09	1.13	1.11	1.64	ppb
Strontium	88-1	1.10	1.10	1.11	1.10	0.73	ppb
Sulfur	34-1	-165.22	-71.09	-130.44	-122.25		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	1.03	0.98	1.00	1.01	2.31	ppb
Thallium	205-1	1.01	1.02	1.01	1.02	0.41	ppb
Tin	118-1	5.60	5.45	5.45	5.50	1.64	ppb
Titanium	47-1	5.67	5.83	5.68	5.73	1.57	ppb
Uranium	238-1	1.02	1.04	1.02	1.03	1.32	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:25:43	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.66	5.66	5.55	5.62	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	5.68	5.46	5.38	5.50	2.84	ppb
Zirconium	90-1	1.08	1.09	1.09	1.09	0.38	ppb
Zirconium	91-1	1.06	1.11	1.10	1.09	2.57	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:29:05	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1081.52	1098.05	1079.66	1086.41	0.93	ppb
Antimony	121-1	50.91	52.44	51.08	51.48	1.63	ppb
Arsenic	75-2	50.10	50.89	49.94	50.31	1.01	ppb
Barium	135-1	258.12	266.58	258.59	261.09	1.82	ppb
Barium	137-1	257.35	263.72	261.35	260.81	1.23	ppb
Beryllium	9-1	54.44	56.22	55.18	55.28	1.62	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	52.02	54.15	53.67	53.28	2.09	ppb
Cadmium	106-1	51.27	52.78	54.03	52.70	2.62	ppb
Cadmium	111-1	51.48	52.67	53.41	52.52	1.85	ppb
Calcium	43-1	5338.89	5451.44	5376.82	5389.05	1.06	ppb
Calcium	44-1	5279.80	5250.89	5202.25	5244.31	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.42	53.93	54.08	54.14	0.47	ppb
Cobalt	59-2	54.30	55.51	54.67	54.83	1.13	ppb
Copper	63-2	567.67	580.73	575.89	574.76	1.15	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				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	2843.11	2869.96	2862.02	2858.36	0.48	ppb
Iron	56-2	2765.80	2860.61	2786.29	2804.23	1.78	ppb
Iron	57-2	2798.32	2809.39	2817.95	2808.55	0.35	ppb
Krypton	83-1						cps
Lead	206-1	252.84	248.60	248.24	249.90	1.02	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:29:05	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	254.96	253.33	252.18	253.49	0.55	ppb
Lead	208-1	250.98	251.58	251.04	251.20	0.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	5530.61	5533.78	5510.15	5524.85	0.23	ppb
Manganese	55-2	542.32	543.46	535.76	540.52	0.77	ppb
Molybdenum	94-1	508.66	509.76	488.69	502.37	2.36	ppb
Molybdenum	95-1	508.34	505.14	495.51	503.00	1.33	ppb
Molybdenum	96-1	512.08	513.97	495.19	507.08	2.04	ppb
Molybdenum	97-1	513.14	521.47	502.82	512.48	1.82	ppb
Molybdenum	98-1	512.97	515.08	504.05	510.70	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.64	61.41	61.03	61.03	0.63	ppb
Phosphorus	31-2	1082.68	1077.40	1076.04	1078.71	0.32	ppb
Potassium	39-2	2410.74	2412.58	2400.54	2407.95	0.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	51.73	53.15	51.13	52.00	1.99	ppb
Selenium	77-2	50.95	53.59	51.60	52.05	2.64	ppb
Selenium	78-2	52.80	49.93	53.58	52.10	3.69	ppb
Silicon	28-1	50.59	51.92	50.14	50.88	1.82	ppb
Silver	107-1	53.59	56.15	55.52	55.09	2.43	ppb
Silver	109-1	53.95	55.50	56.28	55.25	2.14	ppb
Sodium	23-2	5539.88	5450.15	5418.96	5469.66	1.15	ppb
Strontium	86-1	50.50	50.90	49.54	50.31	1.39	ppb
Strontium	88-1	51.62	51.18	49.86	50.89	1.79	ppb
Sulfur	34-1	1403.51	1359.55	1206.15	1323.07	7.83	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	48.35	48.22	48.59	48.39	0.38	ppb
Thallium	205-1	49.81	49.06	49.72	49.53	0.83	ppb
Tin	118-1	50.47	51.96	51.69	51.37	1.54	ppb
Titanium	47-1	520.75	529.81	516.29	522.28	1.32	ppb
Uranium	238-1	48.84	48.75	48.88	48.82	0.14	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:29:05	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	53.81	53.80	53.80	53.80	0.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	547.27	557.50	558.24	554.33	1.11	ppb
Zirconium	90-1	50.89	51.66	50.73	51.09	0.98	ppb
Zirconium	91-1	50.26	50.64	48.37	49.76	2.44	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:32:07	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2681.72	2670.91	2672.89	2675.17	0.22	ppb
Antimony	121-1	127.54	123.93	130.45	127.31	2.57	ppb
Arsenic	75-2	124.14	123.92	125.46	124.50	0.67	ppb
Barium	135-1	636.59	602.68	632.38	623.88	2.96	ppb
Barium	137-1	639.50	596.77	614.61	616.96	3.48	ppb
Beryllium	9-1	132.34	137.21	136.83	135.46	2.00	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	131.15	125.09	132.75	129.66	3.11	ppb
Cadmium	106-1	127.89	124.12	128.97	126.99	2.00	ppb
Cadmium	111-1	129.08	123.75	129.90	127.58	2.62	ppb
Calcium	43-1	12801.56	12768.68	13235.86	12935.37	2.02	ppb
Calcium	44-1	12741.10	12882.22	12753.73	12792.35	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.35	132.30	129.93	131.19	0.91	ppb
Cobalt	59-2	135.47	135.43	133.90	134.93	0.66	ppb
Copper	63-2	1365.47	1348.26	1363.26	1359.00	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	6912.11	6834.12	6826.66	6857.63	0.69	ppb
Iron	56-2	6704.39	6651.13	6604.96	6653.50	0.75	ppb
Iron	57-2	6724.05	6713.68	6625.68	6687.80	0.81	ppb
Krypton	83-1						cps
Lead	206-1	608.48	603.99	620.32	610.93	1.38	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:32:07	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	600.37	609.08	627.10	612.18	2.23	ppb
Lead	208-1	600.61	614.40	626.62	613.88	2.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	13353.03	13210.88	13334.12	13299.34	0.58	ppb
Manganese	55-2	1315.21	1305.04	1305.04	1308.43	0.45	ppb
Molybdenum	94-1	1230.41	1228.25	1251.78	1236.82	1.05	ppb
Molybdenum	95-1	1220.52	1243.55	1288.88	1250.99	2.78	ppb
Molybdenum	96-1	1226.53	1252.07	1286.39	1255.00	2.39	ppb
Molybdenum	97-1	1244.52	1272.18	1266.19	1260.97	1.15	ppb
Molybdenum	98-1	1241.12	1248.49	1252.08	1247.23	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.30	131.21	130.25	130.92	0.44	ppb
Phosphorus	31-2	2640.59	2610.27	2673.79	2641.55	1.20	ppb
Potassium	39-2	5889.46	5790.05	5785.21	5821.58	1.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	125.63	129.11	128.27	127.67	1.42	ppb
Selenium	77-2	128.85	120.38	127.78	125.67	3.67	ppb
Selenium	78-2	126.82	127.51	124.37	126.23	1.31	ppb
Silicon	28-1	127.97	124.93	127.48	126.79	1.29	ppb
Silver	107-1	133.45	127.99	133.86	131.76	2.49	ppb
Silver	109-1	135.83	126.69	135.73	132.75	3.95	ppb
Sodium	23-2	13284.97	13112.99	13072.78	13156.91	0.86	ppb
Strontium	86-1	121.26	123.90	124.77	123.31	1.48	ppb
Strontium	88-1	123.45	126.47	127.51	125.81	1.68	ppb
Sulfur	34-1	2194.67	2075.86	1904.24	2058.26	7.09	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	121.85	120.00	123.60	121.82	1.48	ppb
Thallium	205-1	121.69	120.82	121.82	121.44	0.45	ppb
Tin	118-1	131.02	127.50	132.89	130.47	2.10	ppb
Titanium	47-1	1265.01	1274.13	1260.09	1266.41	0.56	ppb
Uranium	238-1	115.20	119.50	121.16	118.62	2.59	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:32:07	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	131.16	131.98	129.99	131.04	0.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	1363.41	1357.55	1355.41	1358.79	0.30	ppb
Zirconium	90-1	122.22	123.80	124.92	123.65	1.10	ppb
Zirconium	91-1	121.75	125.73	128.76	125.41	2.80	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:34:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5224.74	5242.56	5208.76	5225.35	0.32	ppb
Antimony	121-1	254.31	240.15	260.81	251.76	4.20	ppb
Arsenic	75-2	251.88	249.47	249.36	250.24	0.57	ppb
Barium	135-1	1282.95	1210.18	1313.40	1268.84	4.18	ppb
Barium	137-1	1272.57	1214.02	1303.42	1263.34	3.59	ppb
Beryllium	9-1	250.96	249.79	253.52	251.42	0.76	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	256.79	248.22	261.52	255.51	2.64	ppb
Cadmium	106-1	250.84	247.83	257.67	252.11	2.00	ppb
Cadmium	111-1	258.41	241.21	268.45	256.02	5.38	ppb
Calcium	43-1	25540.75	25577.43	24899.23	25339.14	1.51	ppb
Calcium	44-1	25408.77	25354.55	25124.07	25295.80	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	264.67	265.44	262.32	264.14	0.62	ppb
Cobalt	59-2	268.69	260.98	265.10	264.92	1.46	ppb
Copper	63-2	2702.17	2715.11	2620.26	2679.18	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	13345.37	13530.78	12971.00	13282.38	2.15	ppb
Iron	56-2	13337.95	13072.84	12910.50	13107.10	1.65	ppb
Iron	57-2	13492.53	13400.58	13220.24	13371.12	1.04	ppb
Krypton	83-1						cps
Lead	206-1	1236.32	1223.38	1236.39	1232.03	0.61	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:34:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1217.04	1228.85	1231.30	1225.73	0.62	ppb
Lead	208-1	1220.83	1237.49	1225.92	1228.08	0.70	ppb
Lithium	6-1				99		%
Magnesium	24-2	26323.12	26177.21	26035.68	26178.67	0.55	ppb
Manganese	55-2	2597.13	2584.48	2523.89	2568.50	1.52	ppb
Molybdenum	94-1	2455.23	2452.91	2457.51	2455.22	0.09	ppb
Molybdenum	95-1	2462.86	2419.44	2467.55	2449.95	1.08	ppb
Molybdenum	96-1	2480.00	2449.89	2422.62	2450.84	1.17	ppb
Molybdenum	97-1	2469.36	2487.14	2435.01	2463.84	1.08	ppb
Molybdenum	98-1	2455.86	2486.99	2449.79	2464.21	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.71	256.19	255.77	256.56	0.40	ppb
Phosphorus	31-2	5139.99	5218.53	5165.63	5174.72	0.77	ppb
Potassium	39-2	11615.66	11358.56	11311.66	11428.63	1.43	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	247.84	244.55	251.58	247.99	1.42	ppb
Selenium	77-2	244.64	259.94	267.98	257.52	4.60	ppb
Selenium	78-2	250.27	254.60	253.39	252.75	0.88	ppb
Silicon	28-1	257.55	257.90	265.29	260.25	1.68	ppb
Silver	107-1	259.88	252.93	259.65	257.48	1.53	ppb
Silver	109-1	260.10	246.59	263.96	256.88	3.55	ppb
Sodium	23-2	26718.30	26063.48	26413.74	26398.51	1.24	ppb
Strontium	86-1	254.78	248.26	250.77	251.27	1.31	ppb
Strontium	88-1	247.66	243.09	246.64	245.80	0.98	ppb
Sulfur	34-1	4403.99	4574.21	4594.56	4524.25	2.31	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	249.29	238.40	245.61	244.43	2.27	ppb
Thallium	205-1	249.48	244.33	248.63	247.48	1.12	ppb
Tin	118-1	251.74	237.28	262.08	250.37	4.98	ppb
Titanium	47-1	2502.86	2532.15	2487.43	2507.48	0.91	ppb
Uranium	238-1	237.81	237.99	238.17	237.99	0.07	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:34:59	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	255.98	263.84	255.52	258.45	1.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2675.32	2691.36	2606.34	2657.67	1.70	ppb
Zirconium	90-1	247.05	246.55	246.47	246.69	0.13	ppb
Zirconium	91-1	247.12	246.66	249.35	247.71	0.58	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:37:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9943.75	10171.35	10002.01	10039.04	1.18	ppb
Antimony	121-1	501.31	502.29	488.02	497.21	1.60	ppb
Arsenic	75-2	497.19	494.84	490.42	494.15	0.69	ppb
Barium	135-1	2531.88	2480.42	2420.47	2477.59	2.25	ppb
Barium	137-1	2458.31	2454.72	2442.78	2451.94	0.33	ppb
Beryllium	9-1	486.71	512.37	505.56	501.54	2.65	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	502.76	494.10	490.30	495.72	1.29	ppb
Cadmium	106-1	500.63	493.85	489.49	494.66	1.13	ppb
Cadmium	111-1	500.60	508.96	488.95	499.50	2.01	ppb
Calcium	43-1	50695.81	48898.36	51366.36	50320.18	2.54	ppb
Calcium	44-1	50618.92	49753.83	50628.38	50333.71	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.07	505.35	518.28	510.23	1.38	ppb
Cobalt	59-2	504.90	512.25	507.47	508.21	0.73	ppb
Copper	63-2	5041.26	5143.67	5077.66	5087.53	1.02	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				101		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	54-2	26274.99	26002.63	26210.90	26162.84	0.54	ppb
Iron	56-2	25610.35	25375.73	25898.10	25628.06	1.02	ppb
Iron	57-2	25905.91	25663.65	25890.20	25819.92	0.53	ppb
Krypton	83-1						cps
Lead	206-1	2473.86	2450.78	2448.18	2457.61	0.58	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:37:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2485.04	2454.30	2429.67	2456.34	1.13	ppb
Lead	208-1	2473.24	2461.66	2443.29	2459.40	0.61	ppb
Lithium	6-1				96		%
Magnesium	24-2	50790.76	51647.97	50802.17	51080.30	0.96	ppb
Manganese	55-2	5094.29	5005.59	5079.85	5059.91	0.94	ppb
Molybdenum	94-1	4929.76	4972.63	4928.37	4943.59	0.51	ppb
Molybdenum	95-1	4881.81	4882.32	4864.55	4876.23	0.21	ppb
Molybdenum	96-1	4897.00	4825.24	4865.92	4862.72	0.74	ppb
Molybdenum	97-1	4905.72	4895.22	4901.84	4900.93	0.11	ppb
Molybdenum	98-1	4883.64	4948.88	4894.22	4908.92	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.25	519.38	515.04	512.89	1.52	ppb
Phosphorus	31-2	10208.97	10274.61	10364.40	10282.66	0.76	ppb
Potassium	39-2	22470.57	22253.46	22572.72	22432.25	0.73	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	499.87	497.64	491.86	496.46	0.83	ppb
Selenium	77-2	483.84	523.66	496.26	501.25	4.06	ppb
Selenium	78-2	500.14	497.80	494.77	497.57	0.54	ppb
Silicon	28-1	524.55	510.69	523.53	519.59	1.49	ppb
Silver	107-1	494.73	494.05	486.66	491.81	0.91	ppb
Silver	109-1	504.26	493.96	489.98	496.07	1.48	ppb
Sodium	23-2	51227.21	52165.74	51105.59	51499.51	1.13	ppb
Strontium	86-1	502.18	491.59	485.00	492.92	1.76	ppb
Strontium	88-1	494.13	489.32	492.68	492.04	0.50	ppb
Sulfur	34-1	9972.03	9410.34	9828.99	9737.12	3.00	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	497.41	483.05	482.25	487.57	1.75	ppb
Thallium	205-1	492.86	491.16	486.53	490.18	0.67	ppb
Tin	118-1	498.85	501.86	495.19	498.64	0.67	ppb
Titanium	47-1	4952.63	4865.22	4987.86	4935.24	1.28	ppb
Uranium	238-1	483.79	485.20	480.65	483.21	0.48	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:37:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	514.06	505.44	510.42	509.97	0.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	5065.84	5191.19	5094.86	5117.30	1.28	ppb
Zirconium	90-1	492.43	498.22	491.56	494.07	0.73	ppb
Zirconium	91-1	488.39	483.23	493.56	488.39	1.06	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:40:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19150.73	19347.14	19219.11	19238.99	0.52	ppb
Antimony	121-1	994.09	1001.87	1005.83	1000.60	0.60	ppb
Arsenic	75-2	1009.87	1000.54	998.32	1002.91	0.61	ppb
Barium	135-1	4976.20	4993.70	5048.33	5006.08	0.75	ppb
Barium	137-1	5020.67	4984.71	5058.11	5021.16	0.73	ppb
Beryllium	9-1	998.04	998.18	995.67	997.30	0.14	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	996.14	998.64	1005.27	1000.02	0.47	ppb
Cadmium	106-1	994.86	1005.35	1005.07	1001.76	0.60	ppb
Cadmium	111-1	991.97	1005.39	997.52	998.29	0.68	ppb
Calcium	43-1	103848.48	100342.31	104637.95	102942.91	2.22	ppb
Calcium	44-1	103237.69	99377.40	103777.67	102130.92	2.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	985.81	999.12	986.16	990.37	0.77	ppb
Cobalt	59-2	982.87	1001.49	987.69	990.68	0.98	ppb
Copper	63-2	9805.39	9932.51	9944.33	9894.08	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				98		%
Holmium	165-2				97		%
Indium	115-1				88		%
Indium	115-2				82		%
Iron	54-2	49812.64	50905.79	50758.75	50492.39	1.17	ppb
Iron	56-2	50176.46	50404.32	49338.29	49973.02	1.12	ppb
Iron	57-2	50026.62	50747.37	49709.71	50161.23	1.06	ppb
Krypton	83-1						cps
Lead	206-1	5086.53	4919.34	5076.49	5027.45	1.86	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:40:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5034.40	5029.23	5024.34	5029.33	0.10	ppb
Lead	208-1	5041.46	5015.34	5024.54	5027.11	0.26	ppb
Lithium	6-1				92		%
Magnesium	24-2	98044.41	98293.40	97660.76	97999.52	0.33	ppb
Manganese	55-2	9927.06	10032.92	9870.79	9943.59	0.83	ppb
Molybdenum	94-1	10175.05	9849.15	10098.59	10040.93	1.70	ppb
Molybdenum	95-1	10274.21	9910.09	10038.08	10074.13	1.83	ppb
Molybdenum	96-1	10123.83	10160.46	9955.56	10079.95	1.08	ppb
Molybdenum	97-1	10135.86	10015.33	10018.55	10056.58	0.68	ppb
Molybdenum	98-1	10221.98	10050.85	9890.08	10054.30	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.90	998.63	981.34	990.62	0.88	ppb
Phosphorus	31-2	19670.99	19882.21	19826.88	19793.36	0.55	ppb
Potassium	39-2	43693.20	44541.07	43601.01	43945.10	1.18	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	1021.78	995.04	988.69	1001.84	1.75	ppb
Selenium	77-2	1007.30	992.15	992.45	997.30	0.87	ppb
Selenium	78-2	1002.96	1007.25	990.60	1000.27	0.86	ppb
Silicon	28-1	1011.52	947.23	1003.62	987.46	3.55	ppb
Silver	107-1	982.54	1005.70	1015.13	1001.12	1.68	ppb
Silver	109-1	993.92	1006.62	996.50	999.02	0.67	ppb
Sodium	23-2	98712.64	99553.65	98259.54	98841.94	0.66	ppb
Strontium	86-1	1013.81	1016.10	980.34	1003.42	2.00	ppb
Strontium	88-1	1015.45	1008.21	990.99	1004.89	1.25	ppb
Sulfur	34-1	20442.86	19713.27	20712.19	20289.44	2.55	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	1023.26	989.03	1011.96	1008.09	1.73	ppb
Thallium	205-1	1026.01	989.56	1002.45	1006.01	1.84	ppb
Tin	118-1	992.31	1004.68	1002.52	999.84	0.66	ppb
Titanium	47-1	10077.92	9930.31	10073.80	10027.34	0.84	ppb
Uranium	238-1	1013.55	1008.64	1014.56	1012.25	0.31	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:40:41	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	971.52	1009.35	994.98	991.95	1.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	9816.59	9842.08	9998.18	9885.62	0.99	ppb
Zirconium	90-1	1012.07	997.20	1002.45	1003.91	0.75	ppb
Zirconium	91-1	1028.12	986.52	1004.38	1006.34	2.07	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:43:32	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101527.32	100063.40	98804.64	100131.79	1.36	ppb
Antimony	121-1	0.47	0.47	0.44	0.46	3.08	ppb
Arsenic	75-2	0.49	0.42	0.39	0.44	11.61	ppb
Barium	135-1	1.97	2.04	2.00	2.00	1.64	ppb
Barium	137-1	1.99	2.06	1.95	2.00	2.80	ppb
Beryllium	9-1	0.08	0.06	0.05	0.06	26.36	ppb
Bismuth	209-1				76		%
Bismuth	209-2				77		%
Bromine	81-1						cps
Cadmium	108-1	0.34	0.35	0.38	0.36	5.66	ppb
Cadmium	106-1	0.37	0.03	0.20	0.20	85.83	ppb
Cadmium	111-1	0.14	0.11	0.11	0.12	15.81	ppb
Calcium	43-1	495684.44	498423.73	503934.63	499347.60	0.84	ppb
Calcium	44-1	502066.73	494536.58	501944.20	499515.84	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.30	7.16	7.18	7.21	1.06	ppb
Cobalt	59-2	2.14	2.14	2.15	2.14	0.30	ppb
Copper	63-2	2.05	2.09	2.03	2.05	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				87		%
Holmium	165-2				93		%
Indium	115-1				80		%
Indium	115-2				87		%
Iron	54-2	249836.06	251487.07	247858.90	249727.34	0.73	ppb
Iron	56-2	249154.43	251509.16	249033.72	249899.10	0.56	ppb
Iron	57-2	252692.06	249891.63	246900.83	249828.17	1.16	ppb
Krypton	83-1						cps
Lead	206-1	2.61	2.58	2.56	2.58	0.97	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:43:32	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.59	2.55	2.56	2.57	0.86	ppb
Lead	208-1	2.61	2.56	2.55	2.57	1.19	ppb
Lithium	6-1				84		%
Magnesium	24-2	506832.40	504290.38	489500.61	500207.80	1.87	ppb
Manganese	55-2	5.14	5.13	4.97	5.08	1.84	ppb
Molybdenum	94-1	1.96	1.93	1.87	1.92	2.28	ppb
Molybdenum	95-1	1.39	1.41	1.37	1.39	1.52	ppb
Molybdenum	96-1	1.92	1.91	1.79	1.87	3.90	ppb
Molybdenum	97-1	1.38	1.30	1.21	1.29	6.61	ppb
Molybdenum	98-1	1.29	1.23	1.15	1.22	5.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.41	3.30	3.31	3.34	1.73	ppb
Phosphorus	31-2	-9.70	-11.28	-10.82	-10.60		ppb
Potassium	39-2	254054.21	251185.19	249359.50	251532.96	0.94	ppb
Rhodium	103-1				75		%
Rhodium	103-2				78		%
Scandium	45-1				86		%
Scandium	45-2				91		%
Selenium	82-1	0.59	0.64	0.61	0.62	3.83	ppb
Selenium	77-2	0.50	1.38	-0.09	0.60	123.79	ppb
Selenium	78-2	1.04	1.11	0.50	0.88	37.82	ppb
Silicon	28-1	4.04	3.30	2.90	3.42	17.02	ppb
Silver	107-1	0.11	0.10	0.09	0.10	10.16	ppb
Silver	109-1	0.10	0.10	0.08	0.09	9.63	ppb
Sodium	23-2	496200.07	505495.59	498275.88	499990.51	0.98	ppb
Strontium	86-1	3.14	3.27	3.14	3.18	2.36	ppb
Strontium	88-1	3.20	3.33	3.23	3.25	2.03	ppb
Sulfur	34-1	-346.05	-326.94	-409.19	-360.73		ppb
Terbium	159-1				87		%
Terbium	159-2				91		%
Thallium	203-1	0.07	0.06	0.06	0.07	9.01	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	13.33	ppb
Tin	118-1	0.24	0.23	0.23	0.23	3.65	ppb
Titanium	47-1	0.98	0.96	0.97	0.97	0.96	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	7.42	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:43:32	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.28	0.27	0.26	0.27	3.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				85		%
Yttrium	89-2				93		%
Zinc	66-2	19.27	19.35	19.56	19.40	0.78	ppb
Zirconium	90-1	0.45	0.47	0.45	0.46	2.90	ppb
Zirconium	91-1	0.46	0.46	0.45	0.46	1.39	ppb

LB Number : LB135272 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired : 2025-04-02 16:12:50 DataFile Name : 018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	484.63	488.58	486.73	486.65	0.41	ppb
Antimony	121-1	192.10	198.15	199.40	196.55	1.99	ppb
Arsenic	75-2	191.01	190.45	190.86	190.77	0.15	ppb
Barium	135-1	94.40	95.58	97.19	95.73	1.47	ppb
Barium	137-1	94.84	95.79	99.04	96.56	2.28	ppb
Beryllium	9-1	92.65	99.31	98.21	96.72	3.69	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	81.26	84.03	82.65	82.64	1.67	ppb
Cadmium	106-1	76.44	78.60	78.63	77.89	1.61	ppb
Cadmium	111-1	94.40	98.78	100.03	97.73	3.02	ppb
Calcium	43-1	1903.78	1962.16	1960.48	1942.14	1.71	ppb
Calcium	44-1	1873.59	1968.33	1897.98	1913.30	2.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.66	103.26	100.83	102.25	1.24	ppb
Cobalt	59-2	109.23	108.16	105.39	107.60	1.84	ppb
Copper	63-2	97.16	97.51	96.42	97.03	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	2116.65	2103.19	2097.70	2105.85	0.46	ppb
Iron	56-2	1992.63	2034.97	2001.55	2009.72	1.11	ppb
Iron	57-2	2020.41	2011.57	2001.00	2010.99	0.48	ppb
Krypton	83-1						cps
Lead	206-1	196.75	190.63	185.85	191.08	2.86	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:12:50	DataFile Name :	018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	185.76	183.89	177.74	182.46	2.30	ppb
Lead	208-1	189.69	187.01	182.14	186.28	2.06	ppb
Lithium	6-1				103		%
Magnesium	24-2	1184.17	1181.72	1171.14	1179.01	0.59	ppb
Manganese	55-2	92.71	92.96	92.72	92.80	0.16	ppb
Molybdenum	94-1	0.05	0.06	0.06	0.06	12.98	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	10.51	ppb
Molybdenum	96-1	0.05	0.05	0.05	0.05	4.82	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	6.18	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	10.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.91	102.81	102.80	103.17	0.62	ppb
Phosphorus	31-2	-15.97	-19.93	-23.79	-19.90		ppb
Potassium	39-2	1884.75	1891.84	1896.58	1891.05	0.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	196.91	197.62	200.30	198.28	0.90	ppb
Selenium	77-2	205.85	213.59	199.52	206.32	3.42	ppb
Selenium	78-2	197.99	199.86	201.03	199.63	0.77	ppb
Silicon	28-1	-1.30	-1.14	-1.24	-1.23		ppb
Silver	107-1	49.92	50.94	52.05	50.97	2.09	ppb
Silver	109-1	49.83	51.14	51.33	50.77	1.61	ppb
Sodium	23-2	2032.38	2028.34	1991.17	2017.30	1.13	ppb
Strontium	86-1	0.24	0.23	0.24	0.23	2.91	ppb
Strontium	88-1	0.23	0.23	0.23	0.23	1.67	ppb
Sulfur	34-1	-877.80	-660.31	-737.01	-758.37		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	196.14	191.06	185.45	190.88	2.80	ppb
Thallium	205-1	194.19	187.68	187.96	189.94	1.94	ppb
Tin	118-1	0.10	0.11	0.12	0.11	9.20	ppb
Titanium	47-1	-0.02	0.01	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:12:50	DataFile Name :	018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	99.64	99.20	98.80	99.22	0.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	185.27	182.14	181.85	183.09	1.04	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	42.24	ppb
Zirconium	91-1	0.07	0.09	0.07	0.08	12.28	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:25:55	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.41	19.17	19.83	19.80	3.12	ppb
Antimony	121-1	2.08	2.13	2.09	2.10	1.27	ppb
Arsenic	75-2	1.13	1.11	1.02	1.08	5.27	ppb
Barium	135-1	10.18	10.41	10.52	10.37	1.65	ppb
Barium	137-1	10.31	10.51	10.55	10.46	1.25	ppb
Beryllium	9-1	1.13	1.14	1.14	1.14	0.34	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.99	1.11	1.19	1.10	8.94	ppb
Cadmium	106-1	0.67	0.95	0.66	0.76	21.89	ppb
Cadmium	111-1	1.07	1.08	1.07	1.08	0.47	ppb
Calcium	43-1	538.53	537.87	537.35	537.92	0.11	ppb
Calcium	44-1	541.31	548.39	547.49	545.73	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.21	2.20	2.21	2.21	0.33	ppb
Cobalt	59-2	1.18	1.19	1.16	1.18	1.46	ppb
Copper	63-2	2.15	2.12	2.14	2.14	0.70	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				98		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	60.82	59.82	58.43	59.69	2.02	ppb
Iron	56-2	57.20	56.10	56.11	56.47	1.12	ppb
Iron	57-2	57.57	55.40	58.13	57.03	2.53	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.98	0.99	0.99	0.53	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:25:55	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.02	1.00	0.99	1.00	1.69	ppb
Lead	208-1	1.01	1.00	1.00	1.00	0.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	581.87	579.74	567.81	576.47	1.31	ppb
Manganese	55-2	0.98	0.85	0.94	0.92	7.34	ppb
Molybdenum	94-1	6.23	6.25	6.29	6.25	0.47	ppb
Molybdenum	95-1	5.08	5.10	5.25	5.14	1.88	ppb
Molybdenum	96-1	5.18	5.30	5.36	5.28	1.78	ppb
Molybdenum	97-1	5.11	5.13	5.23	5.16	1.20	ppb
Molybdenum	98-1	5.10	5.12	5.28	5.17	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.10	1.15	1.12	2.60	ppb
Phosphorus	31-2	9.07	21.56	13.11	14.58	43.73	ppb
Potassium	39-2	498.85	491.38	499.32	496.52	0.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	5.30	4.90	5.89	5.37	9.27	ppb
Selenium	77-2	5.35	4.20	5.87	5.14	16.58	ppb
Selenium	78-2	6.25	4.81	6.22	5.76	14.28	ppb
Silicon	28-1	1.24	1.09	1.07	1.13	7.89	ppb
Silver	107-1	1.01	1.06	1.05	1.04	2.59	ppb
Silver	109-1	1.05	1.05	1.08	1.06	1.26	ppb
Sodium	23-2	576.48	575.93	581.62	578.01	0.54	ppb
Strontium	86-1	1.07	1.00	1.04	1.04	3.02	ppb
Strontium	88-1	1.05	1.04	1.07	1.05	1.30	ppb
Sulfur	34-1	-212.46	-316.00	-339.63	-289.36		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.98	0.97	0.95	0.97	1.87	ppb
Thallium	205-1	1.00	0.97	1.00	0.99	1.34	ppb
Tin	118-1	5.24	5.45	5.38	5.36	2.07	ppb
Titanium	47-1	5.43	5.32	5.39	5.38	1.06	ppb
Uranium	238-1	0.98	0.98	0.98	0.98	0.38	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:25:55	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.66	5.46	5.51	5.54	1.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	5.27	5.10	4.86	5.08	4.01	ppb
Zirconium	90-1	1.04	1.06	1.05	1.05	1.04	ppb
Zirconium	91-1	1.03	1.05	1.08	1.05	2.30	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:32:43	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.80	-0.78	-0.66	-0.75		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	29.42	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.00	0.00	0.00	390.66	ppb
Cadmium	106-1	-0.42	-0.37	-0.26	-0.35		ppb
Cadmium	111-1	-0.04	-0.03	-0.02	-0.03		ppb
Calcium	43-1	-3.12	-3.44	-2.25	-2.94		ppb
Calcium	44-1	-1.60	-1.17	-2.05	-1.61		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.00	0.00	-0.01		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.02	-0.01	-0.03	-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				99		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	54-2	0.41	0.14	0.32	0.29	46.77	ppb
Iron	56-2	0.07	0.08	0.05	0.07	20.04	ppb
Iron	57-2	-0.05	0.11	-0.13	-0.02		ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	13.08	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:32:43	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	0.00	0.00	134.22	ppb
Lead	208-1	0.00	0.00	0.00	0.00	222.94	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.12	-0.09	-0.12	-0.11		ppb
Manganese	55-2	-0.07	-0.04	-0.03	-0.05		ppb
Molybdenum	94-1	0.02	0.02	0.01	0.01	31.27	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	2491.46	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	230.62	ppb
Molybdenum	97-1	0.00	0.00	0.00	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	-0.01	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-15.67	-17.78	-15.70	-16.39		ppb
Potassium	39-2	5.38	4.86	4.86	5.03	5.89	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	-0.03	-0.03	0.10	0.01	677.07	ppb
Selenium	77-2	0.18	0.18	-0.09	0.09	174.42	ppb
Selenium	78-2	0.23	-0.01	-0.10	0.04	417.41	ppb
Silicon	28-1	-0.06	-0.02	0.10	0.01	1292.68	ppb
Silver	107-1	0.00	0.00	0.00	0.00	11.30	ppb
Silver	109-1	0.00	0.00	0.00	0.00	14.40	ppb
Sodium	23-2	1.95	2.03	0.16	1.38	76.78	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	124.46	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-335.91	-274.85	-380.24	-330.33		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.01	0.00	0.00	77.39	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	10.87	ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb
Titanium	47-1	-0.02	-0.02	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:32:43	DataFile Name :	023CCBE.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				100		%
Yttrium	89-2				101		%
Zinc	66-2	-0.02	-0.05	-0.01	-0.03		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	6.63	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	18.67	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:36:08	DataFile Name :	024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93123.45	91550.19	87949.49	90874.38	2.92	ppb
Antimony	121-1	1.74	1.74	1.69	1.73	1.56	ppb
Arsenic	75-2	0.31	0.36	0.32	0.33	8.58	ppb
Barium	135-1	1.59	1.64	1.55	1.59	2.94	ppb
Barium	137-1	1.57	1.58	1.55	1.57	0.94	ppb
Beryllium	9-1	0.29	0.29	0.28	0.29	1.43	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	14.61	14.44	14.57	14.54	0.61	ppb
Cadmium	106-1	-0.33	-0.22	-0.48	-0.34		ppb
Cadmium	111-1	0.53	0.52	0.54	0.53	2.01	ppb
Calcium	43-1	98151.91	99636.95	98515.23	98768.03	0.78	ppb
Calcium	44-1	100370.04	99765.29	98826.70	99654.01	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.09	19.61	19.11	19.60	2.49	ppb
Cobalt	59-2	1.18	1.14	1.14	1.15	2.23	ppb
Copper	63-2	7.18	6.84	6.69	6.90	3.67	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				99		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	100704.96	99148.50	94770.52	98207.99	3.13	ppb
Iron	56-2	101700.07	97561.02	95299.05	98186.72	3.31	ppb
Iron	57-2	101718.59	97453.50	96656.03	98609.37	2.76	ppb
Krypton	83-1						cps
Lead	206-1	4.67	4.56	4.42	4.55	2.71	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:36:08	DataFile Name :	024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.22	4.15	4.14	4.17	1.06	ppb
Lead	208-1	4.38	4.31	4.22	4.31	1.83	ppb
Lithium	6-1				92		%
Magnesium	24-2	98816.81	95986.99	91152.31	95318.70	4.07	ppb
Manganese	55-2	7.91	7.78	7.50	7.73	2.69	ppb
Molybdenum	94-1	1502.99	1529.62	1534.39	1522.33	1.11	ppb
Molybdenum	95-1	1847.66	1866.35	1879.66	1864.56	0.86	ppb
Molybdenum	96-1	1831.33	1826.04	1854.39	1837.25	0.82	ppb
Molybdenum	97-1	1866.96	1887.20	1882.07	1878.74	0.56	ppb
Molybdenum	98-1	1867.09	1902.37	1884.38	1884.61	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.20	5.09	4.93	5.07	2.61	ppb
Phosphorus	31-2	106942.83	104523.42	102103.61	104523.29	2.31	ppb
Potassium	39-2	91028.60	88561.18	89206.81	89598.86	1.43	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.07	0.23	0.04	0.12	88.85	ppb
Selenium	77-2	0.19	-0.09	0.19	0.09	170.33	ppb
Selenium	78-2	0.34	0.32	-0.32	0.12	325.15	ppb
Silicon	28-1	4.20	2.58	4.19	3.66	25.45	ppb
Silver	107-1	0.05	0.05	0.04	0.05	7.55	ppb
Silver	109-1	0.05	0.05	0.05	0.05	4.46	ppb
Sodium	23-2	103192.75	101757.99	100082.87	101677.87	1.53	ppb
Strontium	86-1	32.12	32.91	32.60	32.54	1.23	ppb
Strontium	88-1	33.25	33.63	34.13	33.67	1.32	ppb
Sulfur	34-1	102065.99	100849.96	99280.57	100732.17	1.39	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.12	0.15	0.17	0.15	18.22	ppb
Thallium	205-1	0.12	0.15	0.16	0.15	14.06	ppb
Tin	118-1	0.23	0.21	0.21	0.22	3.68	ppb
Titanium	47-1	1999.13	1966.50	2005.12	1990.25	1.04	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.98	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:36:08	DataFile Name :	024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.15	0.15	0.13	0.14	8.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	10.22	9.90	9.50	9.87	3.65	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	6.74	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	21.41	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:06:56	DataFile Name :	031ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95417.22	93432.11	90375.30	93074.88	2.73	ppb
Antimony	121-1	21.27	21.51	22.21	21.66	2.25	ppb
Arsenic	75-2	21.12	21.08	20.47	20.89	1.74	ppb
Barium	135-1	21.69	21.92	22.42	22.01	1.70	ppb
Barium	137-1	21.80	22.12	22.46	22.13	1.48	ppb
Beryllium	9-1	21.72	21.57	21.64	21.64	0.35	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	32.06	33.07	33.71	32.95	2.51	ppb
Cadmium	106-1	15.51	16.39	16.06	15.98	2.79	ppb
Cadmium	111-1	20.59	20.24	20.98	20.60	1.80	ppb
Calcium	43-1	102472.57	100025.34	101866.48	101454.80	1.26	ppb
Calcium	44-1	101816.02	101365.02	102863.09	102014.71	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.62	41.24	39.76	40.87	2.41	ppb
Cobalt	59-2	21.77	21.50	20.99	21.42	1.85	ppb
Copper	63-2	25.16	25.07	24.69	24.97	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	54-2	103166.26	102231.01	97773.29	101056.86	2.85	ppb
Iron	56-2	101281.03	101039.59	95653.81	99324.81	3.20	ppb
Iron	57-2	103573.00	100042.68	97286.26	100300.65	3.14	ppb
Krypton	83-1						cps
Lead	206-1	24.35	24.33	24.43	24.37	0.21	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:06:56	DataFile Name :	031ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	23.55	23.72	23.37	23.55	0.74	ppb
Lead	208-1	23.74	23.95	23.83	23.84	0.44	ppb
Lithium	6-1				93		%
Magnesium	24-2	98727.70	98141.65	95540.94	97470.10	1.74	ppb
Manganese	55-2	26.14	26.31	25.21	25.89	2.29	ppb
Molybdenum	94-1	1596.02	1581.56	1523.47	1567.02	2.45	ppb
Molybdenum	95-1	1948.87	1918.41	1895.27	1920.85	1.40	ppb
Molybdenum	96-1	1898.78	1895.32	1874.11	1889.40	0.71	ppb
Molybdenum	97-1	1962.23	1918.77	1886.93	1922.64	1.97	ppb
Molybdenum	98-1	1951.34	1912.38	1891.04	1918.25	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.94	24.58	23.98	24.50	1.99	ppb
Phosphorus	31-2	109028.75	108430.86	105545.02	107668.21	1.73	ppb
Potassium	39-2	93337.25	93249.68	93869.43	93485.46	0.36	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	20.70	20.67	20.50	20.62	0.54	ppb
Selenium	77-2	22.06	23.65	19.46	21.72	9.73	ppb
Selenium	78-2	22.90	21.44	21.58	21.97	3.68	ppb
Silicon	28-1	3.50	3.50	3.24	3.41	4.31	ppb
Silver	107-1	18.93	19.20	19.65	19.26	1.90	ppb
Silver	109-1	18.96	19.39	19.62	19.32	1.74	ppb
Sodium	23-2	106913.02	106254.84	104749.57	105972.48	1.05	ppb
Strontium	86-1	33.89	33.48	33.01	33.46	1.33	ppb
Strontium	88-1	34.51	34.61	34.32	34.48	0.43	ppb
Sulfur	34-1	108455.21	107610.33	106965.87	107677.14	0.69	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	19.57	19.87	19.73	19.72	0.77	ppb
Thallium	205-1	20.03	19.83	19.99	19.95	0.52	ppb
Tin	118-1	0.25	0.23	0.25	0.24	6.02	ppb
Titanium	47-1	2076.88	2065.85	2067.86	2070.19	0.28	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.13	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:06:56	DataFile Name :	031ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.86	21.17	20.21	20.75	2.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	27.65	27.78	27.10	27.51	1.32	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	3.27	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	5.24	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:10:26	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49821.92	50591.89	50609.01	50340.94	0.89	ppb
Antimony	121-1	510.10	503.30	510.19	507.86	0.78	ppb
Arsenic	75-2	492.98	495.80	490.87	493.22	0.50	ppb
Barium	135-1	2563.78	2503.84	2592.88	2553.50	1.78	ppb
Barium	137-1	2559.79	2539.73	2564.26	2554.59	0.51	ppb
Beryllium	9-1	521.95	515.14	504.36	513.82	1.73	ppb
Bismuth	209-1				86		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	501.19	500.20	498.37	499.92	0.29	ppb
Cadmium	106-1	497.94	493.76	501.17	497.62	0.75	ppb
Cadmium	111-1	497.31	502.76	510.60	503.55	1.33	ppb
Calcium	43-1	246059.23	251042.70	251484.62	249528.85	1.21	ppb
Calcium	44-1	245835.29	248929.52	253839.96	249534.92	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.18	506.52	502.16	503.29	0.56	ppb
Cobalt	59-2	479.73	488.60	479.40	482.58	1.08	ppb
Copper	63-2	4734.26	4810.04	4695.16	4746.49	1.23	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				100		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	54-2	121245.68	124802.17	121225.50	122424.45	1.68	ppb
Iron	56-2	119384.27	122500.21	120735.29	120873.26	1.29	ppb
Iron	57-2	119973.84	120593.53	122232.29	120933.22	0.96	ppb
Krypton	83-1						cps
Lead	206-1	2440.44	2505.13	2531.22	2492.26	1.88	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:10:26	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2458.33	2468.87	2548.91	2492.03	1.99	ppb
Lead	208-1	2482.66	2494.78	2542.71	2506.72	1.27	ppb
Lithium	6-1				92		%
Magnesium	24-2	244385.29	247531.63	247858.45	246591.79	0.78	ppb
Manganese	55-2	4993.50	5105.29	4954.29	5017.70	1.56	ppb
Molybdenum	94-1	4900.41	5057.49	5096.17	5018.03	2.07	ppb
Molybdenum	95-1	4921.42	4963.68	5118.04	5001.05	2.07	ppb
Molybdenum	96-1	4915.98	4996.78	5158.31	5023.69	2.46	ppb
Molybdenum	97-1	4906.81	4997.02	5085.02	4996.28	1.78	ppb
Molybdenum	98-1	4956.96	5025.87	5086.12	5022.98	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.49	481.72	478.61	477.27	1.10	ppb
Phosphorus	31-2	10254.81	10310.50	10353.27	10306.19	0.48	ppb
Potassium	39-2	112462.70	114774.51	113775.56	113670.92	1.02	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	82-1	473.33	481.07	494.74	483.05	2.24	ppb
Selenium	77-2	479.10	473.89	496.45	483.14	2.44	ppb
Selenium	78-2	493.81	484.54	499.25	492.53	1.51	ppb
Silicon	28-1	528.31	535.48	541.87	535.22	1.27	ppb
Silver	107-1	489.36	488.87	495.08	491.10	0.70	ppb
Silver	109-1	488.62	481.82	495.79	488.74	1.43	ppb
Sodium	23-2	240232.35	246651.82	243829.35	243571.17	1.32	ppb
Strontium	86-1	501.39	495.20	512.51	503.03	1.74	ppb
Strontium	88-1	492.45	494.21	513.94	500.20	2.38	ppb
Sulfur	34-1	10606.24	10506.34	10673.33	10595.30	0.79	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	485.91	501.36	508.70	498.66	2.33	ppb
Thallium	205-1	501.18	513.13	512.82	509.04	1.34	ppb
Tin	118-1	504.81	511.98	503.47	506.75	0.90	ppb
Titanium	47-1	5036.99	5015.53	5016.24	5022.92	0.24	ppb
Uranium	238-1	507.20	508.66	518.27	511.38	1.18	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:10:26	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	508.71	514.17	507.64	510.17	0.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	4728.88	4935.22	4752.27	4805.45	2.35	ppb
Zirconium	90-1	494.70	507.45	508.61	503.59	1.53	ppb
Zirconium	91-1	491.56	512.52	523.08	509.05	3.15	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:23:18	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.48	-1.24	-0.28	-0.67		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	0.73	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.01	0.01	0.02	37.86	ppb
Cadmium	106-1	0.26	0.11	-0.04	0.11	140.69	ppb
Cadmium	111-1	0.02	0.00	-0.01	0.01	198.26	ppb
Calcium	43-1	-3.42	-2.47	-3.60	-3.16		ppb
Calcium	44-1	-3.63	-4.15	-3.05	-3.61		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.01	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.00	0.00	0.00	0.00	211.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	54-2	0.35	0.70	1.00	0.68	48.22	ppb
Iron	56-2	0.41	0.39	0.46	0.42	8.59	ppb
Iron	57-2	0.10	0.13	0.37	0.20	71.94	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.03	0.02	15.59	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:23:18	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.02	0.02	0.02	9.25	ppb
Lead	208-1	0.02	0.02	0.02	0.02	8.38	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.15	0.29	0.25	0.23	30.11	ppb
Manganese	55-2	-0.05	-0.03	-0.05	-0.04		ppb
Molybdenum	94-1	0.06	0.04	0.05	0.05	13.46	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	19.53	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	12.96	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	22.98	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	18.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.03	0.01	196.73	ppb
Phosphorus	31-2	-20.32	-16.47	-15.64	-17.47		ppb
Potassium	39-2	15.73	14.80	17.14	15.89	7.41	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	82-1	0.09	0.12	-0.03	0.06	126.92	ppb
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	-0.12	0.23	0.08	0.06	275.95	ppb
Silicon	28-1	0.07	-0.16	0.00	-0.03		ppb
Silver	107-1	0.00	0.01	0.01	0.01	17.56	ppb
Silver	109-1	0.00	0.01	0.00	0.00	21.76	ppb
Sodium	23-2	14.31	14.94	15.90	15.05	5.32	ppb
Strontium	86-1	0.01	0.01	-0.01	0.00	262.19	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	108.85	-74.02	12.38	15.74	581.31	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.02	0.02	0.02	13.43	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.64	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	0.01	0.00	0.01	0.01	127.29	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:23:18	DataFile Name :	036CCBE.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				116		%
Zinc	66-2	-0.03	-0.03	0.04	-0.01		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	6.86	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	12.30	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:26:40	DataFile Name :	037LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.14	21.35	22.23	21.24	4.93	ppb
Antimony	121-1	2.14	2.20	2.19	2.18	1.31	ppb
Arsenic	75-2	1.12	1.05	1.08	1.08	3.07	ppb
Barium	135-1	10.67	10.71	10.70	10.69	0.23	ppb
Barium	137-1	10.62	10.68	10.65	10.65	0.25	ppb
Beryllium	9-1	1.18	1.11	1.16	1.15	3.15	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	1.17	1.10	1.08	1.12	4.07	ppb
Cadmium	106-1	1.08	1.33	1.36	1.25	11.97	ppb
Cadmium	111-1	1.13	1.18	1.12	1.14	2.73	ppb
Calcium	43-1	541.92	551.64	545.84	546.47	0.90	ppb
Calcium	44-1	546.37	553.98	547.02	549.12	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.15	2.29	2.17	2.20	3.57	ppb
Cobalt	59-2	1.16	1.16	1.14	1.15	1.08	ppb
Copper	63-2	2.12	2.17	2.11	2.13	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	54-2	59.96	60.82	57.90	59.56	2.52	ppb
Iron	56-2	56.58	57.71	55.08	56.46	2.33	ppb
Iron	57-2	55.52	57.57	55.01	56.03	2.41	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.00	1.02	1.01	0.96	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:26:40	DataFile Name :	037LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.04	1.02	1.06	1.04	2.18	ppb
Lead	208-1	1.02	1.02	1.05	1.03	1.31	ppb
Lithium	6-1				107		%
Magnesium	24-2	580.76	596.23	571.57	582.85	2.14	ppb
Manganese	55-2	0.94	0.89	0.94	0.92	3.52	ppb
Molybdenum	94-1	6.14	6.29	6.11	6.18	1.54	ppb
Molybdenum	95-1	5.10	5.29	5.06	5.15	2.38	ppb
Molybdenum	96-1	5.24	5.27	5.22	5.24	0.45	ppb
Molybdenum	97-1	5.21	5.35	5.10	5.22	2.43	ppb
Molybdenum	98-1	5.15	5.22	5.06	5.14	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.08	1.11	1.09	2.15	ppb
Phosphorus	31-2	19.64	18.53	11.88	16.68	25.16	ppb
Potassium	39-2	505.45	528.99	505.09	513.18	2.67	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	5.42	5.64	5.37	5.47	2.60	ppb
Selenium	77-2	3.94	7.88	4.38	5.40	39.93	ppb
Selenium	78-2	4.64	5.59	4.25	4.83	14.31	ppb
Silicon	28-1	1.25	1.37	1.24	1.29	5.68	ppb
Silver	107-1	1.05	1.08	1.08	1.07	1.46	ppb
Silver	109-1	1.08	1.09	1.07	1.08	1.02	ppb
Sodium	23-2	596.21	609.02	587.05	597.43	1.85	ppb
Strontium	86-1	1.06	1.10	1.02	1.06	3.90	ppb
Strontium	88-1	1.08	1.09	1.08	1.08	0.69	ppb
Sulfur	34-1	-15.42	-8.88	-62.86	-29.05		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.99	0.99	1.00	1.00	0.56	ppb
Thallium	205-1	1.02	1.02	1.00	1.01	1.35	ppb
Tin	118-1	5.50	5.68	5.57	5.58	1.64	ppb
Titanium	47-1	5.30	5.46	5.32	5.36	1.67	ppb
Uranium	238-1	0.98	1.00	0.99	0.99	0.77	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:26:40	DataFile Name :	037LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.56	5.62	5.38	5.52	2.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				115		%
Zinc	66-2	5.00	5.36	4.93	5.10	4.60	ppb
Zirconium	90-1	1.06	1.06	1.05	1.05	0.43	ppb
Zirconium	91-1	1.08	1.08	1.04	1.07	2.29	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	PB167410BL	Instrumnet Name :	P8
Client Sample ID :	PB167410BL	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:30:40	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.91	-0.75	-0.26	-0.64		ppb
Antimony	121-1	0.01	0.01	0.00	0.01	18.29	ppb
Arsenic	75-2	0.00	0.02	0.01	0.01	95.30	ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	-0.01	0.00	0.00	-0.01		ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	-0.01	0.01	-0.01	-0.01		ppb
Cadmium	106-1	-0.15	0.01	-0.18	-0.11		ppb
Cadmium	111-1	-0.01	0.00	-0.01	-0.01		ppb
Calcium	43-1	-2.22	-4.05	-4.65	-3.64		ppb
Calcium	44-1	-3.44	-4.09	-4.54	-4.02		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.00	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.01	-0.02	0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				111		%
Iron	54-2	0.46	0.25	0.49	0.40	32.74	ppb
Iron	56-2	0.15	0.16	0.23	0.18	23.08	ppb
Iron	57-2	-0.07	-0.11	0.27	0.03	750.80	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.01	0.01	65.07	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	PB167410BL	Instrumnet Name :	P8
Client Sample ID :	PB167410BL	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:30:40	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.00	0.00	0.00	111.10	ppb
Lead	208-1	0.01	0.00	0.01	0.00	54.71	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.08	0.18	0.05	0.10	65.08	ppb
Manganese	55-2	-0.02	-0.14	-0.05	-0.07		ppb
Molybdenum	94-1	0.04	0.04	0.03	0.04	10.52	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	94.62	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	35.67	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	248.44	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	148.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.01	-0.02		ppb
Phosphorus	31-2	-17.51	-16.11	-16.08	-16.56		ppb
Potassium	39-2	11.43	10.01	11.79	11.08	8.49	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	82-1	0.09	-0.05	-0.12	-0.02		ppb
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	-0.34	-0.13	0.17	-0.10		ppb
Silicon	28-1	-0.01	-0.05	0.06	0.00		ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.18	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.78	ppb
Sodium	23-2	9.56	8.52	11.22	9.76	13.93	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	1805.67	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	15.69	-122.61	-124.97	-77.30		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.01	0.01	24.73	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.19	ppb
Tin	118-1	0.01	0.00	0.00	0.00		ppb
Titanium	47-1	-0.01	-0.01	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	PB167410BL	Instrumnet Name :	P8
Client Sample ID :	PB167410BL	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:30:40	DataFile Name :	038CCBE.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				111		%
Yttrium	89-2				117		%
Zinc	66-2	-0.13	-0.04	-0.08	-0.08		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	12.38	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	28.78	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	PB167410BS	Instrumnet Name :	P8
Client Sample ID :	PB167410BS	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:34:11	DataFile Name :	039LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10279.28	10624.29	10427.75	10443.77	1.66	ppb
Antimony	121-1	537.93	529.40	525.80	531.05	1.17	ppb
Arsenic	75-2	482.61	493.73	493.69	490.01	1.31	ppb
Barium	135-1	2703.51	2611.54	2600.52	2638.52	2.14	ppb
Barium	137-1	2647.48	2571.88	2598.57	2605.97	1.47	ppb
Beryllium	9-1	512.26	511.36	507.82	510.48	0.46	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	532.72	525.17	526.63	528.17	0.76	ppb
Cadmium	106-1	526.94	532.75	530.32	530.01	0.55	ppb
Cadmium	111-1	529.32	535.76	524.55	529.87	1.06	ppb
Calcium	43-1	53109.21	54091.80	51232.32	52811.11	2.75	ppb
Calcium	44-1	52344.90	53324.46	51988.95	52552.77	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	519.21	514.72	523.52	519.15	0.85	ppb
Cobalt	59-2	501.00	504.23	507.80	504.34	0.67	ppb
Copper	63-2	5011.20	5047.55	5043.29	5034.01	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	26300.02	25770.24	26309.52	26126.59	1.18	ppb
Iron	56-2	26036.51	26092.87	25959.97	26029.79	0.26	ppb
Iron	57-2	25468.80	26445.48	26185.43	26033.24	1.94	ppb
Krypton	83-1						cps
Lead	206-1	2543.96	2584.20	2549.30	2559.15	0.85	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	PB167410BS	Instrumnet Name :	P8
Client Sample ID :	PB167410BS	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:34:11	DataFile Name :	039LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2528.88	2641.04	2535.11	2568.34	2.45	ppb
Lead	208-1	2529.09	2587.37	2539.65	2552.03	1.22	ppb
Lithium	6-1				101		%
Magnesium	24-2	52416.87	53858.62	52906.58	53060.69	1.38	ppb
Manganese	55-2	5191.93	5151.26	5160.54	5167.91	0.41	ppb
Molybdenum	94-1	4993.97	5127.07	5032.57	5051.20	1.36	ppb
Molybdenum	95-1	5111.25	5153.39	4977.99	5080.88	1.80	ppb
Molybdenum	96-1	5147.08	5183.57	5017.28	5115.98	1.71	ppb
Molybdenum	97-1	5069.08	5171.41	5081.51	5107.33	1.09	ppb
Molybdenum	98-1	5033.24	5127.45	5068.47	5076.39	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.69	518.17	521.99	514.95	1.76	ppb
Phosphorus	31-2	10464.07	10803.63	10630.42	10632.71	1.60	ppb
Potassium	39-2	23772.79	24302.85	23856.87	23977.50	1.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				114		%
Selenium	82-1	500.41	511.14	504.27	505.27	1.08	ppb
Selenium	77-2	468.64	482.41	503.39	484.81	3.61	ppb
Selenium	78-2	498.28	500.26	503.39	500.64	0.51	ppb
Silicon	28-1	510.35	509.67	489.56	503.19	2.35	ppb
Silver	107-1	538.98	534.88	527.64	533.83	1.08	ppb
Silver	109-1	544.73	530.59	531.02	535.45	1.50	ppb
Sodium	23-2	52616.42	54621.48	53379.91	53539.27	1.89	ppb
Strontium	86-1	510.00	510.36	520.37	513.57	1.15	ppb
Strontium	88-1	514.30	514.29	512.72	513.77	0.18	ppb
Sulfur	34-1	10873.76	10522.30	9885.35	10427.13	4.81	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	501.13	515.61	500.32	505.69	1.70	ppb
Thallium	205-1	508.64	507.48	503.57	506.56	0.52	ppb
Tin	118-1	518.87	530.79	521.11	523.59	1.21	ppb
Titanium	47-1	5097.95	5201.59	5129.99	5143.18	1.03	ppb
Uranium	238-1	497.09	505.91	491.95	498.32	1.42	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	PB167410BS	Instrumnet Name :	P8
Client Sample ID :	PB167410BS	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:34:11	DataFile Name :	039LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	509.82	513.64	522.65	515.37	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				113		%
Zinc	66-2	5035.07	5023.63	5076.29	5045.00	0.55	ppb
Zirconium	90-1	499.40	511.57	504.89	505.29	1.21	ppb
Zirconium	91-1	504.39	514.00	501.72	506.70	1.27	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01DLX5	Instrumnet Name :	P8
Client Sample ID :	3808DL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:37:05	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	332.82	330.89	320.43	328.05	2.03	ppb
Antimony	121-1	1.29	1.26	1.25	1.27	1.55	ppb
Arsenic	75-2	1.34	1.43	1.41	1.39	3.28	ppb
Barium	135-1	28.57	28.32	27.11	28.00	2.79	ppb
Barium	137-1	28.32	27.89	27.51	27.90	1.45	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	0.77	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	1.22	1.14	1.09	1.15	5.64	ppb
Cadmium	106-1	1.60	1.69	1.55	1.61	4.41	ppb
Cadmium	111-1	0.39	0.39	0.37	0.38	2.78	ppb
Calcium	43-1	99295.98	99352.35	93899.86	97516.06	3.21	ppb
Calcium	44-1	95815.88	98371.93	94329.31	96172.37	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.81	3.81	3.86	3.83	0.76	ppb
Cobalt	59-2	0.92	0.94	0.91	0.92	1.85	ppb
Copper	63-2	188.70	193.04	182.48	188.07	2.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	54-2	2215.38	2237.12	2151.05	2201.18	2.03	ppb
Iron	56-2	2233.64	2250.45	2157.05	2213.71	2.25	ppb
Iron	57-2	2208.29	2213.71	2148.87	2190.29	1.64	ppb
Krypton	83-1						cps
Lead	206-1	29.71	30.15	30.46	30.11	1.26	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01DLX5	Instrumnet Name :	P8
Client Sample ID :	3808DL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:37:05	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	28.16	28.68	29.38	28.74	2.12	ppb
Lead	208-1	28.82	29.03	29.71	29.19	1.59	ppb
Lithium	6-1				104		%
Magnesium	24-2	2450.08	2426.46	2399.10	2425.21	1.05	ppb
Manganese	55-2	22.49	23.09	22.07	22.55	2.27	ppb
Molybdenum	94-1	12.22	12.31	12.29	12.27	0.37	ppb
Molybdenum	95-1	6.61	6.86	6.73	6.73	1.81	ppb
Molybdenum	96-1	7.21	7.23	7.25	7.23	0.31	ppb
Molybdenum	97-1	6.80	6.86	6.79	6.81	0.59	ppb
Molybdenum	98-1	6.62	6.80	6.79	6.74	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.98	4.02	3.95	3.98	0.97	ppb
Phosphorus	31-2	238.26	247.95	230.65	238.95	3.63	ppb
Potassium	39-2	5853.70	5831.70	5876.44	5853.95	0.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				118		%
Scandium	45-2				116		%
Selenium	82-1	0.23	0.16	0.07	0.15	52.94	ppb
Selenium	77-2	1.70	1.75	0.83	1.43	36.36	ppb
Selenium	78-2	0.36	0.40	0.53	0.43	20.66	ppb
Silicon	28-1	1570.41	1600.86	1561.46	1577.57	1.31	ppb
Silver	107-1	0.26	0.22	0.20	0.23	13.67	ppb
Silver	109-1	0.26	0.22	0.20	0.23	13.66	ppb
Sodium	23-2	255369.00	253236.85	251105.93	253237.26	0.84	ppb
Strontium	86-1	187.04	185.26	181.72	184.68	1.46	ppb
Strontium	88-1	181.98	181.81	186.69	183.49	1.51	ppb
Sulfur	34-1	8705.36	8525.58	7902.32	8377.75	5.03	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.05	0.05	0.05	0.05	6.77	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	5.10	ppb
Tin	118-1	3.67	3.66	3.62	3.65	0.60	ppb
Titanium	47-1	20.35	20.29	19.79	20.14	1.54	ppb
Uranium	238-1	0.35	0.36	0.36	0.36	1.48	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01DLX5	Instrumnet Name :	P8
Client Sample ID :	3808DL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:37:05	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	6.39	6.49	6.17	6.35	2.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				120		%
Zinc	66-2	278.61	285.93	274.95	279.83	2.00	ppb
Zirconium	90-1	3.67	3.82	3.81	3.77	2.23	ppb
Zirconium	91-1	3.74	3.76	3.78	3.76	0.49	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	3808DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:40:20	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	361.89	361.86	337.18	353.64	4.03	ppb
Antimony	121-1	1.50	1.52	1.55	1.52	1.80	ppb
Arsenic	75-2	1.39	1.29	1.42	1.37	4.95	ppb
Barium	135-1	26.49	26.64	27.49	26.87	2.01	ppb
Barium	137-1	26.71	27.03	27.42	27.05	1.32	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	5.13	ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	1.02	1.15	1.07	1.08	6.21	ppb
Cadmium	106-1	1.53	1.95	1.76	1.75	11.96	ppb
Cadmium	111-1	0.37	0.39	0.41	0.39	4.99	ppb
Calcium	43-1	91138.97	92283.44	92194.44	91872.28	0.69	ppb
Calcium	44-1	92346.58	91485.74	91902.37	91911.56	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.66	3.54	3.39	3.53	3.83	ppb
Cobalt	59-2	0.92	0.92	0.84	0.90	5.27	ppb
Copper	63-2	183.69	184.21	174.41	180.77	3.05	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				105		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				110		%
Iron	54-2	2168.62	2130.66	2000.47	2099.92	4.20	ppb
Iron	56-2	2176.50	2155.59	2047.03	2126.38	3.27	ppb
Iron	57-2	2132.29	2135.81	2008.98	2092.36	3.45	ppb
Krypton	83-1						cps
Lead	206-1	29.91	28.97	28.42	29.10	2.60	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	3808DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:40:20	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	29.34	28.32	27.79	28.48	2.76	ppb
Lead	208-1	29.13	28.48	28.24	28.62	1.61	ppb
Lithium	6-1				103		%
Magnesium	24-2	2352.16	2356.32	2174.35	2294.28	4.53	ppb
Manganese	55-2	21.21	20.72	19.68	20.54	3.81	ppb
Molybdenum	94-1	12.41	12.23	12.33	12.32	0.75	ppb
Molybdenum	95-1	6.75	6.52	6.56	6.61	1.87	ppb
Molybdenum	96-1	7.45	7.17	7.16	7.26	2.25	ppb
Molybdenum	97-1	6.79	6.62	6.71	6.71	1.28	ppb
Molybdenum	98-1	6.74	6.52	6.46	6.57	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.89	3.79	3.65	3.78	3.17	ppb
Phosphorus	31-2	218.32	222.37	211.04	217.24	2.64	ppb
Potassium	39-2	5723.39	5633.88	5474.43	5610.57	2.25	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				115		%
Scandium	45-2				116		%
Selenium	82-1	0.43	0.34	0.20	0.32	35.93	ppb
Selenium	77-2	2.24	1.08	1.00	1.44	47.94	ppb
Selenium	78-2	0.14	0.15	0.34	0.21	52.87	ppb
Silicon	28-1	1521.01	1524.14	1512.43	1519.19	0.40	ppb
Silver	107-1	0.18	0.18	0.19	0.18	2.37	ppb
Silver	109-1	0.17	0.18	0.18	0.18	2.35	ppb
Sodium	23-2	243532.28	246064.04	229523.95	239706.76	3.72	ppb
Strontium	86-1	178.51	179.83	176.82	178.39	0.84	ppb
Strontium	88-1	180.53	178.50	179.18	179.40	0.58	ppb
Sulfur	34-1	7734.00	8040.40	8634.54	8136.32	5.63	ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.02	0.03	0.02	3.27	ppb
Thallium	205-1	0.03	0.02	0.03	0.02	4.56	ppb
Tin	118-1	2.69	2.67	2.75	2.70	1.49	ppb
Titanium	47-1	19.82	19.27	20.25	19.78	2.49	ppb
Uranium	238-1	0.33	0.33	0.32	0.33	2.15	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	3808DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:40:20	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	6.09	6.11	5.81	6.00	2.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				120		%
Zinc	66-2	273.33	272.48	255.33	267.05	3.80	ppb
Zirconium	90-1	3.86	3.75	3.75	3.78	1.67	ppb
Zirconium	91-1	3.89	3.86	3.78	3.85	1.51	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	3808LDL	Dilution Factor :	25
Date & Time Acquired :	2025-04-02 17:43:38	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.81	72.39	70.68	70.96	1.85	ppb
Antimony	121-1	1.23	1.26	1.22	1.24	2.00	ppb
Arsenic	75-2	0.33	0.28	0.23	0.28	16.89	ppb
Barium	135-1	5.64	5.96	5.70	5.77	2.96	ppb
Barium	137-1	5.53	5.90	5.69	5.71	3.26	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	18.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	0.19	0.18	0.26	0.21	20.36	ppb
Cadmium	106-1	0.23	0.51	0.32	0.35	40.68	ppb
Cadmium	111-1	0.07	0.09	0.07	0.08	13.79	ppb
Calcium	43-1	20094.81	19057.87	19326.32	19493.00	2.76	ppb
Calcium	44-1	19822.20	19314.36	18966.20	19367.59	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.98	0.95	0.96	0.96	1.51	ppb
Cobalt	59-2	0.19	0.19	0.19	0.19	0.24	ppb
Copper	63-2	38.88	39.38	39.03	39.10	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	54-2	460.56	458.77	451.52	456.95	1.05	ppb
Iron	56-2	467.86	466.52	464.84	466.41	0.32	ppb
Iron	57-2	453.68	457.36	457.27	456.10	0.46	ppb
Krypton	83-1						cps
Lead	206-1	6.30	6.14	6.17	6.21	1.38	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	3808LDL	Dilution Factor :	25
Date & Time Acquired :	2025-04-02 17:43:38	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	6.07	5.91	6.03	6.00	1.42	ppb
Lead	208-1	6.15	6.03	6.04	6.07	1.04	ppb
Lithium	6-1				108		%
Magnesium	24-2	509.42	507.83	504.62	507.29	0.48	ppb
Manganese	55-2	5.75	5.95	5.83	5.85	1.76	ppb
Molybdenum	94-1	2.46	2.52	2.51	2.49	1.33	ppb
Molybdenum	95-1	1.35	1.34	1.35	1.35	0.61	ppb
Molybdenum	96-1	1.45	1.47	1.44	1.45	1.02	ppb
Molybdenum	97-1	1.37	1.32	1.31	1.33	2.12	ppb
Molybdenum	98-1	1.35	1.34	1.33	1.34	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.25	1.28	1.26	1.83	ppb
Phosphorus	31-2	35.87	46.59	42.97	41.81	13.04	ppb
Potassium	39-2	1205.55	1189.31	1185.10	1193.32	0.90	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				117		%
Scandium	45-2				113		%
Selenium	82-1	0.10	0.08	0.00	0.06	93.60	ppb
Selenium	77-2	0.39	-0.09	0.83	0.37	122.74	ppb
Selenium	78-2	0.16	-0.41	-0.01	-0.09		ppb
Silicon	28-1	312.31	302.77	308.13	307.74	1.55	ppb
Silver	107-1	0.04	0.04	0.04	0.04	5.91	ppb
Silver	109-1	0.04	0.04	0.04	0.04	4.35	ppb
Sodium	23-2	52745.30	52205.69	51738.44	52229.81	0.96	ppb
Strontium	86-1	36.01	36.00	35.81	35.94	0.31	ppb
Strontium	88-1	37.91	36.68	37.42	37.34	1.66	ppb
Sulfur	34-1	1610.19	1342.68	1414.43	1455.77	9.51	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.01	0.01	0.01	0.01	31.57	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	1.32	ppb
Tin	118-1	1.07	0.85	0.82	0.91	15.20	ppb
Titanium	47-1	4.01	3.91	3.96	3.96	1.21	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	1.16	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	3808LDL	Dilution Factor :	25
Date & Time Acquired :	2025-04-02 17:43:38	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.26	1.22	1.25	1.24	1.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				118		%
Zinc	66-2	65.63	65.22	65.09	65.31	0.43	ppb
Zirconium	90-1	0.76	0.77	0.76	0.76	0.55	ppb
Zirconium	91-1	0.73	0.77	0.75	0.75	2.14	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	3808MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:46:52	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2102.93	2055.77	2096.46	2085.05	1.23	ppb
Antimony	121-1	100.21	100.09	99.43	99.91	0.42	ppb
Arsenic	75-2	1.18	1.21	1.13	1.17	3.49	ppb
Barium	135-1	468.76	449.78	476.05	464.86	2.92	ppb
Barium	137-1	459.91	451.96	461.43	457.77	1.11	ppb
Beryllium	9-1	102.05	99.86	97.38	99.76	2.34	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	90.87	89.70	89.71	90.09	0.75	ppb
Cadmium	106-1	95.95	95.22	95.64	95.60	0.38	ppb
Cadmium	111-1	91.67	90.90	91.84	91.47	0.55	ppb
Calcium	43-1	95224.00	93773.69	92540.27	93845.99	1.43	ppb
Calcium	44-1	94914.53	94731.87	93483.76	94376.72	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.96	93.74	96.22	95.31	1.43	ppb
Cobalt	59-2	100.08	96.08	96.09	97.42	2.37	ppb
Copper	63-2	1058.00	1044.31	1057.13	1053.15	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	6553.67	6407.74	6598.65	6520.02	1.53	ppb
Iron	56-2	6415.14	6209.29	6318.96	6314.47	1.63	ppb
Iron	57-2	6160.30	6105.76	6177.88	6147.98	0.61	ppb
Krypton	83-1						cps
Lead	206-1	496.50	489.35	487.97	491.27	0.93	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	3808MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:46:52	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	500.87	487.48	491.45	493.26	1.39	ppb
Lead	208-1	500.82	495.80	492.09	496.23	0.88	ppb
Lithium	6-1				104		%
Magnesium	24-2	11911.20	11747.75	11822.80	11827.25	0.69	ppb
Manganese	55-2	911.53	888.42	910.19	903.38	1.44	ppb
Molybdenum	94-1	459.27	444.32	452.17	451.92	1.66	ppb
Molybdenum	95-1	344.75	329.66	349.92	341.45	3.08	ppb
Molybdenum	96-1	361.03	341.56	358.43	353.67	2.99	ppb
Molybdenum	97-1	352.97	341.09	342.80	345.62	1.86	ppb
Molybdenum	98-1	347.38	336.37	341.18	341.64	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.07	91.93	92.81	92.61	0.65	ppb
Phosphorus	31-2	193.24	204.30	195.30	197.61	2.98	ppb
Potassium	39-2	9170.92	9026.11	9189.35	9128.79	0.98	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	82-1	95.06	92.70	93.37	93.71	1.30	ppb
Selenium	77-2	101.66	96.74	87.24	95.22	7.70	ppb
Selenium	78-2	92.97	96.04	88.60	92.54	4.04	ppb
Silicon	28-1	1420.91	1401.60	1399.74	1407.42	0.83	ppb
Silver	107-1	15.30	15.18	15.36	15.28	0.61	ppb
Silver	109-1	15.36	15.18	15.28	15.27	0.60	ppb
Sodium	23-2	243287.65	241543.12	238001.68	240944.15	1.12	ppb
Strontium	86-1	278.88	272.72	279.73	277.11	1.38	ppb
Strontium	88-1	278.26	274.90	272.99	275.38	0.97	ppb
Sulfur	34-1	7840.30	7405.65	7460.27	7568.74	3.13	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	89.93	89.47	89.67	89.69	0.26	ppb
Thallium	205-1	90.58	91.91	89.25	90.58	1.47	ppb
Tin	118-1	91.94	92.32	92.41	92.22	0.27	ppb
Titanium	47-1	18.14	17.81	19.33	18.42	4.34	ppb
Uranium	238-1	93.86	94.47	93.09	93.81	0.74	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	3808MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:46:52	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	103.82	103.47	103.53	103.61	0.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				117		%
Zinc	66-2	1158.19	1135.22	1168.41	1153.94	1.47	ppb
Zirconium	90-1	96.40	94.10	95.64	95.38	1.23	ppb
Zirconium	91-1	93.82	92.75	92.18	92.92	0.90	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	3808MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:49:53	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2083.28	2016.94	2080.04	2060.09	1.82	ppb
Antimony	121-1	99.99	99.81	101.74	100.51	1.06	ppb
Arsenic	75-2	1.18	1.07	1.29	1.18	9.61	ppb
Barium	135-1	469.63	458.98	466.23	464.95	1.17	ppb
Barium	137-1	446.06	463.94	464.45	458.15	2.29	ppb
Beryllium	9-1	100.96	102.71	99.74	101.14	1.48	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	88.89	88.41	90.32	89.21	1.12	ppb
Cadmium	106-1	93.49	95.86	95.77	95.04	1.41	ppb
Cadmium	111-1	90.28	92.03	91.78	91.36	1.04	ppb
Calcium	43-1	96656.21	95845.91	95897.05	96133.06	0.47	ppb
Calcium	44-1	96736.86	96506.45	97577.10	96940.13	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.86	93.25	94.95	94.69	1.40	ppb
Cobalt	59-2	100.73	94.00	96.53	97.09	3.50	ppb
Copper	63-2	1042.61	1049.27	1032.88	1041.59	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	6512.91	6468.37	6510.08	6497.12	0.38	ppb
Iron	56-2	6305.87	6186.76	6237.70	6243.44	0.96	ppb
Iron	57-2	6181.33	6019.96	6142.85	6114.71	1.38	ppb
Krypton	83-1						cps
Lead	206-1	498.05	499.06	491.15	496.09	0.87	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	3808MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:49:53	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	501.40	499.75	494.46	498.54	0.73	ppb
Lead	208-1	504.26	502.14	494.25	500.22	1.05	ppb
Lithium	6-1				102		%
Magnesium	24-2	11837.42	11406.52	11847.70	11697.21	2.15	ppb
Manganese	55-2	920.07	895.37	905.75	907.06	1.37	ppb
Molybdenum	94-1	462.16	456.63	444.16	454.31	2.03	ppb
Molybdenum	95-1	351.16	341.50	333.89	342.19	2.53	ppb
Molybdenum	96-1	363.56	358.07	350.69	357.44	1.81	ppb
Molybdenum	97-1	351.58	354.55	346.75	350.96	1.12	ppb
Molybdenum	98-1	343.56	344.21	341.56	343.11	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	91.94	90.14	90.81	90.96	1.00	ppb
Phosphorus	31-2	198.56	188.08	212.00	199.55	6.01	ppb
Potassium	39-2	9177.43	9125.71	9195.90	9166.35	0.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	82-1	93.68	94.67	92.77	93.71	1.01	ppb
Selenium	77-2	89.58	90.76	96.19	92.17	3.83	ppb
Selenium	78-2	91.50	94.52	97.91	94.64	3.39	ppb
Silicon	28-1	1439.18	1434.61	1463.65	1445.81	1.08	ppb
Silver	107-1	15.13	15.36	15.41	15.30	0.97	ppb
Silver	109-1	15.15	15.29	15.26	15.23	0.47	ppb
Sodium	23-2	241416.15	234322.71	236620.28	237453.05	1.52	ppb
Strontium	86-1	286.19	276.23	274.36	278.92	2.28	ppb
Strontium	88-1	276.78	275.73	272.54	275.02	0.80	ppb
Sulfur	34-1	7895.59	7841.49	7805.63	7847.57	0.58	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	90.87	90.77	91.16	90.93	0.23	ppb
Thallium	205-1	90.56	90.26	92.52	91.11	1.35	ppb
Tin	118-1	91.56	90.91	93.95	92.14	1.73	ppb
Titanium	47-1	17.87	18.00	18.24	18.04	1.03	ppb
Uranium	238-1	94.70	96.53	93.58	94.94	1.57	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	3808MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:49:53	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	103.45	100.72	102.18	102.12	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				119		%
Zinc	66-2	1122.48	1134.80	1128.37	1128.55	0.55	ppb
Zirconium	90-1	95.21	95.15	95.39	95.25	0.14	ppb
Zirconium	91-1	92.51	94.97	91.96	93.15	1.72	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	3808ADL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:52:51	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2106.12	2128.43	2146.17	2126.91	0.94	ppb
Antimony	121-1	99.43	100.40	102.32	100.72	1.46	ppb
Arsenic	75-2	1.20	1.39	1.22	1.27	8.18	ppb
Barium	135-1	460.48	464.06	478.15	467.56	2.00	ppb
Barium	137-1	454.70	455.52	459.35	456.52	0.54	ppb
Beryllium	9-1	102.13	103.33	101.24	102.23	1.03	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	89.26	91.01	92.15	90.81	1.60	ppb
Cadmium	106-1	94.31	96.40	94.71	95.14	1.17	ppb
Cadmium	111-1	90.94	92.19	91.81	91.65	0.70	ppb
Calcium	43-1	98922.29	97134.81	97777.80	97944.96	0.92	ppb
Calcium	44-1	98260.83	98340.98	100165.82	98922.54	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.42	96.81	98.13	97.45	0.68	ppb
Cobalt	59-2	100.49	99.16	100.28	99.97	0.72	ppb
Copper	63-2	1105.37	1068.71	1072.20	1082.09	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	54-2	6746.74	6507.69	6824.56	6693.00	2.47	ppb
Iron	56-2	6425.53	6466.22	6558.91	6483.55	1.05	ppb
Iron	57-2	6362.75	6352.97	6372.22	6362.65	0.15	ppb
Krypton	83-1						cps
Lead	206-1	504.91	504.38	515.80	508.36	1.27	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	3808ADL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:52:51	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	508.22	511.60	519.70	513.17	1.15	ppb
Lead	208-1	511.73	510.16	514.77	512.22	0.46	ppb
Lithium	6-1				103		%
Magnesium	24-2	11981.71	12500.92	12032.29	12171.64	2.35	ppb
Manganese	55-2	935.78	926.41	949.23	937.14	1.22	ppb
Molybdenum	94-1	467.04	460.08	460.24	462.45	0.86	ppb
Molybdenum	95-1	352.00	351.00	347.19	350.06	0.73	ppb
Molybdenum	96-1	365.75	370.72	360.47	365.64	1.40	ppb
Molybdenum	97-1	352.73	360.08	344.05	352.28	2.28	ppb
Molybdenum	98-1	349.24	351.76	345.33	348.78	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.67	94.14	94.00	93.93	0.26	ppb
Phosphorus	31-2	205.21	198.86	233.02	212.36	8.56	ppb
Potassium	39-2	9594.99	9691.65	9525.31	9603.99	0.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	82-1	97.83	96.47	94.35	96.21	1.82	ppb
Selenium	77-2	92.85	96.51	97.28	95.55	2.48	ppb
Selenium	78-2	91.97	100.59	90.43	94.33	5.81	ppb
Silicon	28-1	1433.30	1450.90	1481.25	1455.15	1.67	ppb
Silver	107-1	15.38	15.56	15.51	15.49	0.59	ppb
Silver	109-1	15.32	15.45	15.58	15.45	0.84	ppb
Sodium	23-2	241730.10	247468.99	244673.22	244624.10	1.17	ppb
Strontium	86-1	285.16	278.35	286.25	283.26	1.51	ppb
Strontium	88-1	281.67	283.01	279.04	281.24	0.72	ppb
Sulfur	34-1	7889.88	7725.51	7957.55	7857.64	1.52	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	91.27	93.01	94.96	93.08	1.98	ppb
Thallium	205-1	92.50	92.28	93.42	92.73	0.66	ppb
Tin	118-1	94.04	92.95	94.20	93.73	0.73	ppb
Titanium	47-1	18.58	18.47	18.65	18.56	0.48	ppb
Uranium	238-1	95.06	97.00	95.64	95.90	1.04	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	3808ADL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:52:51	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	105.67	106.13	105.73	105.85	0.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				119		%
Zinc	66-2	1176.60	1188.88	1177.84	1181.11	0.57	ppb
Zirconium	90-1	98.38	97.91	98.24	98.18	0.25	ppb
Zirconium	91-1	98.25	101.62	98.12	99.33	2.00	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-02DLX5	Instrumnet Name :	P8
Client Sample ID :	3809DL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:55:52	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	730.67	713.84	685.07	709.86	3.25	ppb
Antimony	121-1	2.51	2.61	2.57	2.56	1.93	ppb
Arsenic	75-2	1.46	1.51	1.44	1.47	2.72	ppb
Barium	135-1	109.75	112.39	109.74	110.63	1.38	ppb
Barium	137-1	109.55	113.76	109.58	110.96	2.18	ppb
Beryllium	9-1	0.71	0.73	0.73	0.72	2.19	ppb
Bismuth	209-1				88		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	4.23	4.10	4.30	4.21	2.51	ppb
Cadmium	106-1	6.17	6.06	5.99	6.07	1.47	ppb
Cadmium	111-1	2.16	2.18	2.14	2.16	1.11	ppb
Calcium	43-1	394196.06	416105.66	411882.01	407394.58	2.85	ppb
Calcium	44-1	400551.72	426563.60	411719.05	412944.79	3.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.36	7.14	6.77	7.09	4.22	ppb
Cobalt	59-2	2.26	2.27	2.11	2.21	4.09	ppb
Copper	63-2	220.38	213.00	201.07	211.48	4.61	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				99		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	54-2	4013.92	3833.90	3631.55	3826.46	5.00	ppb
Iron	56-2	3872.24	3828.87	3562.70	3754.60	4.46	ppb
Iron	57-2	3756.49	3689.40	3503.14	3649.68	3.60	ppb
Krypton	83-1						cps
Lead	206-1	35.82	37.67	35.93	36.47	2.84	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-02DLX5	Instrumnet Name :	P8
Client Sample ID :	3809DL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:55:52	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	34.62	35.93	34.85	35.14	2.00	ppb
Lead	208-1	34.93	36.65	35.24	35.60	2.57	ppb
Lithium	6-1				94		%
Magnesium	24-2	2737.87	2672.23	2493.52	2634.54	4.80	ppb
Manganese	55-2	37.04	36.89	34.90	36.28	3.29	ppb
Molybdenum	94-1	34.77	37.13	35.96	35.95	3.28	ppb
Molybdenum	95-1	9.12	9.73	9.38	9.41	3.26	ppb
Molybdenum	96-1	11.93	12.50	12.06	12.16	2.45	ppb
Molybdenum	97-1	9.19	9.95	9.63	9.59	3.94	ppb
Molybdenum	98-1	9.18	9.81	9.46	9.49	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.22	9.19	8.55	8.99	4.22	ppb
Phosphorus	31-2	269.38	257.97	228.16	251.84	8.45	ppb
Potassium	39-2	21241.50	20715.90	20769.81	20909.07	1.38	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	0.54	0.86	0.57	0.66	26.81	ppb
Selenium	77-2	2.53	2.99	2.72	2.75	8.46	ppb
Selenium	78-2	1.43	1.56	1.32	1.44	8.42	ppb
Silicon	28-1	2242.22	2374.50	2366.74	2327.82	3.19	ppb
Silver	107-1	0.46	0.44	0.43	0.44	3.29	ppb
Silver	109-1	0.46	0.43	0.42	0.44	4.42	ppb
Sodium	23-2	666552.58	657235.66	612471.85	645420.03	4.48	ppb
Strontium	86-1	482.04	529.30	496.16	502.50	4.83	ppb
Strontium	88-1	495.45	518.31	505.33	506.36	2.26	ppb
Sulfur	34-1	12710.94	12823.24	13262.23	12932.14	2.25	ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	0.65	0.69	0.67	0.67	2.78	ppb
Thallium	205-1	0.66	0.71	0.68	0.68	3.34	ppb
Tin	118-1	13.62	13.96	13.42	13.67	1.99	ppb
Titanium	47-1	53.80	56.92	55.31	55.35	2.82	ppb
Uranium	238-1	0.81	0.85	0.82	0.83	2.33	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-02DLX5	Instrumnet Name :	P8
Client Sample ID :	3809DL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:55:52	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.66	10.72	10.03	10.47	3.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				116		%
Zinc	66-2	317.99	310.21	296.99	308.40	3.44	ppb
Zirconium	90-1	15.11	15.90	15.56	15.52	2.58	ppb
Zirconium	91-1	15.04	16.01	15.16	15.40	3.41	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:59:05	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50671.36	50842.39	51071.83	50861.86	0.40	ppb
Antimony	121-1	492.16	496.51	499.14	495.94	0.71	ppb
Arsenic	75-2	454.14	456.09	455.10	455.11	0.21	ppb
Barium	135-1	2502.08	2515.81	2584.56	2534.15	1.74	ppb
Barium	137-1	2520.21	2465.84	2588.54	2524.86	2.43	ppb
Beryllium	9-1	517.76	514.76	506.41	512.98	1.15	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	485.72	491.09	495.16	490.66	0.97	ppb
Cadmium	106-1	479.29	484.93	495.53	486.58	1.69	ppb
Cadmium	111-1	487.02	489.01	500.03	492.02	1.42	ppb
Calcium	43-1	243151.83	242226.78	242624.85	242667.82	0.19	ppb
Calcium	44-1	242618.02	243386.04	241241.82	242415.30	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.83	508.93	512.49	511.08	0.37	ppb
Cobalt	59-2	485.96	488.13	490.47	488.18	0.46	ppb
Copper	63-2	4819.45	4827.38	4775.04	4807.29	0.59	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				105		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	54-2	122334.04	123053.56	123800.84	123062.82	0.60	ppb
Iron	56-2	121863.10	121417.19	121947.48	121742.59	0.23	ppb
Iron	57-2	122737.78	123684.77	122650.44	123024.33	0.47	ppb
Krypton	83-1						cps
Lead	206-1	2466.13	2440.61	2454.76	2453.83	0.52	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:59:05	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2477.79	2456.39	2441.16	2458.45	0.75	ppb
Lead	208-1	2479.91	2466.34	2453.49	2466.58	0.54	ppb
Lithium	6-1				94		%
Magnesium	24-2	248990.60	250174.74	253138.35	250767.90	0.85	ppb
Manganese	55-2	5087.14	5167.22	5141.55	5131.97	0.80	ppb
Molybdenum	94-1	4930.07	4969.43	4989.66	4963.05	0.61	ppb
Molybdenum	95-1	4924.67	4969.92	5037.79	4977.46	1.14	ppb
Molybdenum	96-1	4855.50	4969.17	5037.32	4954.00	1.85	ppb
Molybdenum	97-1	4847.79	4969.84	4982.32	4933.31	1.51	ppb
Molybdenum	98-1	4924.64	4941.66	4994.37	4953.56	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.06	488.03	478.92	485.34	1.15	ppb
Phosphorus	31-2	10267.37	10188.88	10117.95	10191.40	0.73	ppb
Potassium	39-2	114753.29	115633.79	115449.61	115278.90	0.40	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	474.33	471.68	483.20	476.41	1.27	ppb
Selenium	77-2	465.60	471.18	461.34	466.04	1.06	ppb
Selenium	78-2	461.30	456.69	463.80	460.59	0.78	ppb
Silicon	28-1	523.52	530.66	532.95	529.04	0.93	ppb
Silver	107-1	480.01	479.93	492.31	484.08	1.47	ppb
Silver	109-1	474.81	487.98	484.93	482.57	1.43	ppb
Sodium	23-2	242484.35	240403.08	243381.21	242089.54	0.63	ppb
Strontium	86-1	497.30	498.57	494.27	496.72	0.45	ppb
Strontium	88-1	491.83	498.78	507.78	499.46	1.60	ppb
Sulfur	34-1	10430.30	10213.10	10110.78	10251.40	1.59	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	500.53	490.06	488.25	492.95	1.35	ppb
Thallium	205-1	502.58	497.39	489.52	496.50	1.32	ppb
Tin	118-1	503.54	499.96	503.61	502.37	0.41	ppb
Titanium	47-1	4928.14	5000.03	4966.76	4964.97	0.72	ppb
Uranium	238-1	509.54	508.72	501.47	506.58	0.88	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:59:05	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	516.65	513.31	521.26	517.07	0.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				113		%
Zinc	66-2	4851.72	4858.56	4920.43	4876.90	0.78	ppb
Zirconium	90-1	499.64	495.98	504.08	499.90	0.81	ppb
Zirconium	91-1	497.53	497.96	510.18	501.89	1.43	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:02:06	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	0.69	1.11	0.81	32.21	ppb
Antimony	121-1	0.08	0.07	0.06	0.07	16.69	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.05	0.03	0.03	0.04	25.80	ppb
Barium	137-1	0.04	0.04	0.03	0.03	12.65	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	36.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	0.05	-0.01	0.01	0.02	175.19	ppb
Cadmium	106-1	0.22	-0.21	0.24	0.08	301.76	ppb
Cadmium	111-1	0.03	-0.01	0.02	0.02	117.02	ppb
Calcium	43-1	6.49	3.98	1.35	3.94	65.23	ppb
Calcium	44-1	2.56	2.67	-0.31	1.64	103.12	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	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.10	0.11	0.08	0.10	16.76	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				106		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	54-2	1.72	1.83	1.31	1.62	16.77	ppb
Iron	56-2	1.30	1.21	1.25	1.25	3.38	ppb
Iron	57-2	1.08	1.07	0.61	0.92	29.16	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.10	0.12	13.29	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:02:06	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.13	0.11	0.10	0.11	13.30	ppb
Lead	208-1	0.12	0.11	0.10	0.11	11.68	ppb
Lithium	6-1				109		%
Magnesium	24-2	2.19	2.11	1.69	2.00	13.63	ppb
Manganese	55-2	0.03	0.00	0.10	0.04	118.43	ppb
Molybdenum	94-1	0.22	0.21	0.19	0.21	9.24	ppb
Molybdenum	95-1	0.12	0.11	0.09	0.11	15.45	ppb
Molybdenum	96-1	0.14	0.12	0.09	0.12	21.02	ppb
Molybdenum	97-1	0.13	0.09	0.08	0.10	24.96	ppb
Molybdenum	98-1	0.13	0.09	0.08	0.10	23.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.00	0.01	115.30	ppb
Phosphorus	31-2	-17.32	-14.49	-14.37	-15.40		ppb
Potassium	39-2	29.43	26.43	26.49	27.45	6.25	ppb
Rhodium	103-1				107		%
Rhodium	103-2				111		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	0.04	0.00	-0.05	0.00		ppb
Selenium	77-2	-0.09	0.86	0.15	0.31	161.32	ppb
Selenium	78-2	-0.28	-0.33	0.11	-0.17		ppb
Silicon	28-1	2.22	1.65	1.28	1.72	27.43	ppb
Silver	107-1	0.04	0.04	0.03	0.04	20.19	ppb
Silver	109-1	0.04	0.04	0.03	0.04	21.35	ppb
Sodium	23-2	104.07	99.56	96.48	100.03	3.82	ppb
Strontium	86-1	0.01	0.01	0.01	0.01	17.79	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	30.39	ppb
Sulfur	34-1	-68.49	-2.92	-146.69	-72.70		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.02	0.02	0.02	15.40	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	16.27	ppb
Tin	118-1	0.02	0.03	0.02	0.02	33.48	ppb
Titanium	47-1	0.09	0.06	0.04	0.06	40.52	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	66.59	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:02:06	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	28.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				116		%
Zinc	66-2	0.15	0.12	0.14	0.13	11.14	ppb
Zirconium	90-1	0.06	0.05	0.05	0.06	5.77	ppb
Zirconium	91-1	0.06	0.06	0.06	0.06	1.86	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-02DL2X10	Instrumnet Name :	P8
Client Sample ID :	3809DL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-02 18:05:36	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1749.27	1721.48	1703.49	1724.75	1.34	ppb
Antimony	121-1	38.78	37.30	40.09	38.72	3.61	ppb
Arsenic	75-2	1.47	1.59	1.52	1.52	3.93	ppb
Barium	135-1	54.05	52.74	55.84	54.21	2.88	ppb
Barium	137-1	54.03	52.79	55.74	54.19	2.73	ppb
Beryllium	9-1	1.20	1.12	1.23	1.18	4.58	ppb
Bismuth	209-1				96		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	4.98	4.69	5.14	4.94	4.63	ppb
Cadmium	106-1	5.75	5.95	5.96	5.89	2.00	ppb
Cadmium	111-1	2.64	2.64	2.87	2.72	4.83	ppb
Calcium	43-1	202896.94	196570.72	207288.07	202251.91	2.66	ppb
Calcium	44-1	208143.53	199693.22	202771.53	203536.09	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.24	13.07	12.62	12.98	2.45	ppb
Cobalt	59-2	2.55	2.48	2.46	2.50	1.93	ppb
Copper	63-2	120.77	120.58	115.23	118.86	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				114		%
Indium	115-1				105		%
Indium	115-2				110		%
Iron	54-2	3279.16	3330.52	3175.36	3261.68	2.42	ppb
Iron	56-2	3345.65	3373.51	3274.61	3331.26	1.53	ppb
Iron	57-2	3235.54	3217.62	3142.14	3198.43	1.55	ppb
Krypton	83-1						cps
Lead	206-1	630.12	595.71	633.03	619.62	3.35	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-02DL2X10	Instrumnet Name :	P8
Client Sample ID :	3809DL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-02 18:05:36	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	622.20	596.98	625.37	614.85	2.53	ppb
Lead	208-1	626.01	595.43	632.30	617.92	3.19	ppb
Lithium	6-1				105		%
Magnesium	24-2	2622.75	2607.11	2579.86	2603.24	0.83	ppb
Manganese	55-2	24.31	24.26	23.82	24.13	1.11	ppb
Molybdenum	94-1	37.28	36.16	39.08	37.51	3.92	ppb
Molybdenum	95-1	28.24	27.54	29.81	28.53	4.09	ppb
Molybdenum	96-1	29.54	28.53	30.52	29.53	3.38	ppb
Molybdenum	97-1	28.65	27.42	29.95	28.67	4.41	ppb
Molybdenum	98-1	28.01	27.81	30.01	28.61	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	373.36	366.05	355.88	365.10	2.41	ppb
Phosphorus	31-2	2051.78	1964.78	1972.57	1996.38	2.41	ppb
Potassium	39-2	12218.34	12056.01	11820.16	12031.50	1.66	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	82-1	1.16	1.04	1.03	1.08	6.47	ppb
Selenium	77-2	2.67	1.28	0.57	1.51	71.04	ppb
Selenium	78-2	1.42	1.40	0.93	1.25	22.44	ppb
Silicon	28-1	1167.49	1118.54	1190.82	1158.95	3.18	ppb
Silver	107-1	1.28	1.24	1.30	1.27	2.66	ppb
Silver	109-1	1.25	1.23	1.33	1.27	4.31	ppb
Sodium	23-2	326394.86	318158.75	310199.53	318251.05	2.54	ppb
Strontium	86-1	248.27	239.06	260.38	249.24	4.29	ppb
Strontium	88-1	245.85	234.43	257.25	245.84	4.64	ppb
Sulfur	34-1	8052.43	7542.85	7857.88	7817.72	3.29	ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	2.86	2.76	2.96	2.86	3.51	ppb
Thallium	205-1	2.92	2.78	3.00	2.90	3.85	ppb
Tin	118-1	12.54	12.26	13.08	12.63	3.29	ppb
Titanium	47-1	53.79	52.14	54.06	53.33	1.95	ppb
Uranium	238-1	0.59	0.54	0.60	0.58	5.23	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-02DL2X10	Instrumnet Name :	P8
Client Sample ID :	3809DL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-02 18:05:36	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	6.52	6.46	6.27	6.42	2.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				121		%
Zinc	66-2	8638.56	8483.43	8247.03	8456.34	2.33	ppb
Zirconium	90-1	7.82	7.49	8.03	7.78	3.45	ppb
Zirconium	91-1	7.86	7.46	8.00	7.77	3.55	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:08:48	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50850.86	51143.73	52509.49	51501.36	1.72	ppb
Antimony	121-1	510.50	501.00	486.55	499.35	2.41	ppb
Arsenic	75-2	462.71	464.51	465.55	464.26	0.31	ppb
Barium	135-1	2598.92	2548.73	2463.30	2536.98	2.70	ppb
Barium	137-1	2572.02	2543.19	2485.08	2533.43	1.75	ppb
Beryllium	9-1	507.56	512.06	517.15	512.26	0.94	ppb
Bismuth	209-1				89		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	499.98	487.55	484.36	490.63	1.68	ppb
Cadmium	106-1	499.60	495.18	484.51	493.09	1.57	ppb
Cadmium	111-1	501.48	496.89	491.05	496.47	1.05	ppb
Calcium	43-1	252114.80	244696.36	241262.86	246024.68	2.25	ppb
Calcium	44-1	253835.13	247215.36	243019.02	248023.17	2.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.99	505.36	516.42	509.92	1.13	ppb
Cobalt	59-2	487.61	480.53	491.39	486.51	1.13	ppb
Copper	63-2	4732.55	4720.82	4810.05	4754.47	1.02	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				101		%
Holmium	165-2				107		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	54-2	125441.54	122887.21	122374.65	123567.80	1.33	ppb
Iron	56-2	123318.04	120979.54	123641.30	122646.29	1.18	ppb
Iron	57-2	122269.21	121789.09	124786.57	122948.29	1.31	ppb
Krypton	83-1						cps
Lead	206-1	2549.69	2553.98	2471.53	2525.06	1.84	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:08:48	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2530.96	2546.95	2468.26	2515.39	1.65	ppb
Lead	208-1	2508.30	2546.94	2492.75	2515.99	1.11	ppb
Lithium	6-1				98		%
Magnesium	24-2	251955.91	246830.71	255992.01	251592.88	1.82	ppb
Manganese	55-2	5108.79	5076.52	5136.19	5107.17	0.58	ppb
Molybdenum	94-1	4946.10	5035.10	5097.08	5026.09	1.51	ppb
Molybdenum	95-1	4994.94	5095.97	5009.23	5033.38	1.09	ppb
Molybdenum	96-1	5017.87	5121.11	5006.00	5048.32	1.25	ppb
Molybdenum	97-1	4982.43	5075.96	5021.86	5026.75	0.93	ppb
Molybdenum	98-1	4987.87	4997.93	5115.73	5033.84	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.89	472.64	496.85	484.13	2.51	ppb
Phosphorus	31-2	10411.93	10357.69	10395.61	10388.41	0.27	ppb
Potassium	39-2	118887.90	115681.58	116228.43	116932.64	1.47	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	82-1	481.05	485.69	479.74	482.16	0.65	ppb
Selenium	77-2	472.36	457.23	481.26	470.28	2.58	ppb
Selenium	78-2	461.06	476.88	470.25	469.39	1.69	ppb
Silicon	28-1	529.33	527.81	510.71	522.62	1.98	ppb
Silver	107-1	499.50	487.02	481.71	489.41	1.87	ppb
Silver	109-1	496.43	492.37	476.15	488.31	2.20	ppb
Sodium	23-2	253446.81	248082.37	255130.59	252219.92	1.46	ppb
Strontium	86-1	495.24	506.26	502.23	501.25	1.11	ppb
Strontium	88-1	506.44	506.79	496.99	503.41	1.10	ppb
Sulfur	34-1	10599.06	10480.32	10013.90	10364.43	2.98	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	510.43	511.21	490.27	503.97	2.36	ppb
Thallium	205-1	502.29	516.21	503.90	507.47	1.50	ppb
Tin	118-1	507.64	494.22	502.71	501.52	1.35	ppb
Titanium	47-1	5079.65	4984.21	4941.11	5001.66	1.42	ppb
Uranium	238-1	503.73	518.30	511.03	511.02	1.43	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:08:48	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	528.44	509.57	517.58	518.53	1.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				113		%
Zinc	66-2	4849.47	4810.70	4861.37	4840.51	0.55	ppb
Zirconium	90-1	503.32	503.28	505.08	503.89	0.20	ppb
Zirconium	91-1	506.91	508.43	507.00	507.45	0.17	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:11:42	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.56	0.20	-0.54	0.07	753.00	ppb
Antimony	121-1	0.11	0.09	0.09	0.10	14.66	ppb
Arsenic	75-2	0.01	0.00	0.03	0.01	109.10	ppb
Barium	135-1	0.06	0.05	0.04	0.05	27.09	ppb
Barium	137-1	0.06	0.04	0.05	0.05	22.43	ppb
Beryllium	9-1	0.02	0.01	0.01	0.02	39.18	ppb
Bismuth	209-1				105		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Cadmium	108-1	0.01	-0.01	0.00	0.00	366.92	ppb
Cadmium	106-1	0.22	0.11	0.13	0.16	38.37	ppb
Cadmium	111-1	0.03	0.02	0.03	0.03	33.26	ppb
Calcium	43-1	4.53	1.11	1.71	2.45	74.54	ppb
Calcium	44-1	0.58	-1.12	-1.23	-0.59		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.02	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.14	0.10	0.10	0.11	19.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				112		%
Indium	115-1				110		%
Indium	115-2				113		%
Iron	54-2	2.56	2.19	2.31	2.35	7.98	ppb
Iron	56-2	2.31	1.98	1.68	1.99	15.84	ppb
Iron	57-2	1.53	2.02	1.11	1.55	29.12	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.13	0.14	0.14	5.65	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:11:42	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.15	0.12	0.12	0.13	15.36	ppb
Lead	208-1	0.15	0.13	0.12	0.13	11.01	ppb
Lithium	6-1				109		%
Magnesium	24-2	3.83	2.99	2.34	3.05	24.37	ppb
Manganese	55-2	0.10	0.06	0.06	0.08	27.89	ppb
Molybdenum	94-1	0.28	0.22	0.23	0.24	13.39	ppb
Molybdenum	95-1	0.18	0.12	0.12	0.14	25.07	ppb
Molybdenum	96-1	0.18	0.13	0.14	0.15	19.30	ppb
Molybdenum	97-1	0.18	0.13	0.11	0.14	24.03	ppb
Molybdenum	98-1	0.17	0.11	0.12	0.14	23.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.00	0.00	376.46	ppb
Phosphorus	31-2	-19.89	-19.92	-20.28	-20.03		ppb
Potassium	39-2	31.99	31.38	26.16	29.85	10.75	ppb
Rhodium	103-1				108		%
Rhodium	103-2				112		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	-0.03	0.07	0.06	0.03	172.67	ppb
Selenium	77-2	-0.09	0.36	-0.09	0.06	430.68	ppb
Selenium	78-2	0.12	-0.22	-0.08	-0.06		ppb
Silicon	28-1	0.54	1.28	0.89	0.90	40.91	ppb
Silver	107-1	0.06	0.04	0.04	0.05	24.03	ppb
Silver	109-1	0.06	0.05	0.04	0.05	22.42	ppb
Sodium	23-2	91.71	89.16	80.03	86.97	7.06	ppb
Strontium	86-1	0.02	0.02	0.01	0.02	32.56	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	3.81	ppb
Sulfur	34-1	-387.66	-306.28	-425.94	-373.29		ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	0.03	0.02	0.02	0.02	26.32	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	16.84	ppb
Tin	118-1	0.03	0.02	0.01	0.02	45.76	ppb
Titanium	47-1	0.09	0.07	0.06	0.07	24.08	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	41.48	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:11:42	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.00	0.00	98.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				120		%
Zinc	66-2	0.31	0.29	0.28	0.30	6.02	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	3.21	ppb
Zirconium	91-1	0.06	0.07	0.06	0.06	3.51	ppb

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 14:49:16	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1013	810	693	839	19.31	cps
Antimony	121-1	320	320	307	316	2.44	cps
Arsenic	75-2	770	590	543	634	18.87	cps
Barium	135-1	6439	15483	8446	10123	46.92	cps
Barium	137-1	11529	26718	14799	17682	45.21	cps
Beryllium	9-1	14744	31015	16674	20811	42.71	cps
Bismuth	209-1	7290961	22181531	14331672	14601388	51.02	cps
Bismuth	209-2	9477176	8526831	7814028	8606011	9.70	cps
Bromine	81-1	13187	11285	10397	11623	12.26	cps
Cadmium	108-1	323	750	347	473	50.68	cps
Cadmium	106-1	5822	16041	9424	10429	49.70	cps
Cadmium	111-1	7673	19250	10905	12609	47.38	cps
Calcium	43-1	2040	3320	2697	2686	23.84	cps
Calcium	44-1	53356	73602	63150	63369	15.98	cps
Carbon	12-1	8056942	4412067	4508851	5659287	36.70	cps
Carbon	12-2	30509	31885	33061	31819	4.01	cps
Chlorine	35-1	101605	94998	90565	95723	5.80	cps
Chlorine	35-2	727	613	807	716	13.58	cps
Chromium	52-2	9954	6745	5995	7564	27.80	cps
Cobalt	59-2	19839	16306	14351	16832	16.52	cps
Copper	63-2	20470	17681	15843	17998	12.94	cps
Dysprosium	156-1	443	987	510	647	45.83	cps
Dysprosium	156-2	33	50	20	34	43.64	cps
Erbium	164-1	97	217	147	153	39.31	cps
Erbium	164-2	60	100	67	76	28.36	cps
Gadolinium	160-1	90	270	140	167	55.75	cps
Gadolinium	160-2	27	47	43	39	27.55	cps
Holmium	165-1	12515459	37501474	24546365	24854433	50.28	cps
Holmium	165-2	13406287	12102654	11241119	12250020	8.90	cps
Indium	115-1	11659321	35014624	22220992	22964979	50.93	cps
Indium	115-2	3794196	3479510	3219663	3497790	8.23	cps
Iron	54-2	4948	3044	2480	3491	37.04	cps
Iron	56-2	76727	44030	34324	51693	42.98	cps
Iron	57-2	1833	1070	860	1255	40.83	cps
Krypton	83-1	6042	2517	2834	3798	51.35	cps
Lead	206-1	22890	44925	25036	30950	39.26	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 14:49:16	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	19263	38597	20978	26279	40.72	cps
Lead	208-1	88620	176535	96738	120631	40.28	cps
Lithium	6-1	4126515	11648650	8163438	7979534	47.18	cps
Magnesium	24-2	5474	2434	1390	3099	68.47	cps
Manganese	55-2	9633	3814	2677	5375	69.43	cps
Molybdenum	94-1	6252	13968	7929	9383	43.25	cps
Molybdenum	95-1	9911	22520	12386	14939	44.72	cps
Molybdenum	96-1	10632	24099	13848	16193	43.44	cps
Molybdenum	97-1	6208	14054	7822	9362	44.26	cps
Molybdenum	98-1	15687	35572	19922	23727	44.15	cps
Neodymium	150-1	17	33	13	21	50.75	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	8696	7415	6432	7514	15.11	cps
Phosphorus	31-2	73	70	77	73	4.55	cps
Potassium	39-2	17094	14771	14144	15336	10.13	cps
Rhodium	103-1	11012935	32923531	21127790	21688085	50.56	cps
Rhodium	103-2	12881486	11545323	10972264	11799691	8.30	cps
Scandium	45-1	8057875	23442331	15104114	15534773	49.57	cps
Scandium	45-2	533096	486913	455098	491702	7.98	cps
Selenium	82-1	93	557	253	301	78.15	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	67	80	57	68	17.27	cps
Silicon	28-1	1296829	638600	656106	863845	43.42	cps
Silver	107-1	140	533	307	327	60.44	cps
Silver	109-1	133	303	237	224	38.16	cps
Sodium	23-2	87317	79384	77253	81318	6.52	cps
Strontium	86-1	9341	4111	4651	6034	47.67	cps
Strontium	88-1	623	1593	1247	1155	42.58	cps
Sulfur	34-1	343837	338877	307767	330160	5.92	cps
Terbium	159-1	12689064	39170789	25371237	25743697	51.45	cps
Terbium	159-2	13134696	11563530	10723933	11807386	10.36	cps
Thallium	203-1	11883	24237	13287	16469	41.07	cps
Thallium	205-1	28200	57227	32085	39171	40.23	cps
Tin	118-1	2040	3684	2767	2830	29.10	cps
Titanium	47-1	580	567	550	566	2.66	cps
Uranium	238-1	73737	172982	90615	112445	47.22	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 14:49:16	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4628	3564	3084	3758	21.02	cps
Ytterbium	172-1	70	187	147	134	44.10	cps
Ytterbium	172-2	60	73	37	57	32.75	cps
Ytterbium	176-1	1290	3284	1957	2177	46.62	cps
Ytterbium	176-2	567	637	583	596	6.14	cps
Yttrium	89-1	21174727	62568169	40717860	41486919	49.91	cps
Yttrium	89-2	4980588	4439519	4209349	4543152	8.71	cps
Zinc	66-2	10774	9343	8469	9529	12.21	cps
Zirconium	90-1	1420	2304	1593	1772	26.41	cps
Zirconium	91-1	260	503	320	361	35.11	cps

LB Number : LB135272 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired : 2025-04-02 15:18:58 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	413	387	407	402	3.45	cps
Antimony	121-1	133	83	90	102	26.56	cps
Arsenic	75-2	13	13	13	13	0.00	cps
Barium	135-1	180	213	207	200	8.82	cps
Barium	137-1	363	340	347	350	3.43	cps
Beryllium	9-1	131	134	123	129	4.38	cps
Bismuth	209-1	5332376	5301339	5306948	5313554	0.31	cps
Bismuth	209-2	2616214	2659441	2553330	2609661	2.04	cps
Bromine	81-1	19858	20528	20141	20176	1.67	cps
Cadmium	108-1	20	7	33	20	66.65	cps
Cadmium	106-1	5588	5641	5458	5562	1.70	cps
Cadmium	111-1	3944	3991	3857	3931	1.73	cps
Calcium	43-1	2220	2150	2167	2179	1.68	cps
Calcium	44-1	67611	69068	69584	68754	1.49	cps
Carbon	12-1	4619891	4475301	4398720	4497971	2.50	cps
Carbon	12-2	33204	33017	33144	33122	0.29	cps
Chlorine	35-1	179414	177861	177321	178199	0.61	cps
Chlorine	35-2	957	963	927	949	2.06	cps
Chromium	52-2	1980	1773	1780	1845	6.37	cps
Cobalt	59-2	190	220	217	209	7.87	cps
Copper	63-2	3140	3394	3257	3264	3.89	cps
Dysprosium	156-1	23	20	20	21	9.11	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	97	70	43	70	38.10	cps
Erbium	164-2	30	10	13	18	60.28	cps
Gadolinium	160-1	107	90	87	94	11.35	cps
Gadolinium	160-2	23	7	20	17	52.90	cps
Holmium	165-1	8776877	8786537	8903217	8822210	0.80	cps
Holmium	165-2	3674003	3695707	3669219	3679643	0.38	cps
Indium	115-1	8190359	8150061	8008626	8116349	1.18	cps
Indium	115-2	1012791	1010636	1007747	1010391	0.25	cps
Iron	54-2	1110	1133	1130	1125	1.12	cps
Iron	56-2	14731	14598	15652	14994	3.83	cps
Iron	57-2	370	420	333	374	11.62	cps
Krypton	83-1	397	340	373	370	7.70	cps
Lead	206-1	1317	1313	1193	1275	5.51	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:18:58	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1143	1113	1233	1163	5.37	cps
Lead	208-1	5327	5184	5217	5243	1.43	cps
Lithium	6-1	2696547	2737791	2818525	2750954	2.26	cps
Magnesium	24-2	410	460	450	440	6.01	cps
Manganese	55-2	4381	4771	4291	4481	5.70	cps
Molybdenum	94-1	487	560	503	517	7.44	cps
Molybdenum	95-1	307	347	237	297	18.77	cps
Molybdenum	96-1	377	393	377	382	2.52	cps
Molybdenum	97-1	210	173	227	203	13.42	cps
Molybdenum	98-1	497	397	463	452	11.26	cps
Neodymium	150-1	10	10	3	8	49.52	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1023	977	990	997	2.41	cps
Phosphorus	31-2	120	87	113	107	16.53	cps
Potassium	39-2	22965	22711	22177	22618	1.78	cps
Rhodium	103-1	7986389	7841379	7848226	7891998	1.04	cps
Rhodium	103-2	3534254	3691762	3524470	3583495	2.62	cps
Scandium	45-1	5459980	5485186	5448036	5464401	0.35	cps
Scandium	45-2	145208	146013	144458	145227	0.54	cps
Selenium	82-1	-57	37	27	2	2304.99	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	40	27	43	37	24.04	cps
Silicon	28-1	624827	627935	620112	624292	0.63	cps
Silver	107-1	153	120	147	140	12.60	cps
Silver	109-1	107	53	77	79	33.89	cps
Sodium	23-2	81338	80772	78901	80337	1.59	cps
Strontium	86-1	567	690	687	648	10.85	cps
Strontium	88-1	833	930	937	900	6.43	cps
Sulfur	34-1	755081	749118	746394	750198	0.59	cps
Terbium	159-1	9208265	9173033	9171021	9184106	0.23	cps
Terbium	159-2	3665863	3714513	3589784	3656720	1.72	cps
Thallium	203-1	313	420	307	347	18.35	cps
Thallium	205-1	787	853	780	807	5.03	cps
Tin	118-1	4174	4324	4121	4206	2.51	cps
Titanium	47-1	423	470	493	462	7.71	cps
Uranium	238-1	470	397	430	432	8.49	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:18:58	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37	50	57	48	21.31	cps
Ytterbium	172-1	80	53	53	62	24.75	cps
Ytterbium	172-2	27	23	47	32	39.17	cps
Ytterbium	176-1	1167	1097	1223	1162	5.46	cps
Ytterbium	176-2	213	317	260	263	19.65	cps
Yttrium	89-1	14796410	15035549	14992376	14941445	0.85	cps
Yttrium	89-2	1336818	1332495	1322310	1330541	0.56	cps
Zinc	66-2	2320	2277	2440	2346	3.61	cps
Zirconium	90-1	1190	1127	1190	1169	3.13	cps
Zirconium	91-1	187	217	230	211	10.51	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:25:43	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3834	3787	3754	3792	1.06	cps
Antimony	121-1	69375	70022	69656	69684	0.47	cps
Arsenic	75-2	987	1053	943	994	5.57	cps
Barium	135-1	80849	81792	82050	81563	0.77	cps
Barium	137-1	140319	142660	141652	141544	0.83	cps
Beryllium	9-1	9710	9869	9924	9834	1.13	cps
Bismuth	209-1	5326962	5310818	5345646	5327809	0.33	cps
Bismuth	209-2	2645347	2588539	2670124	2634670	1.59	cps
Bromine	81-1	20108	21049	20488	20549	2.30	cps
Cadmium	108-1	693	740	747	727	4.00	cps
Cadmium	106-1	6458	6768	6392	6539	3.08	cps
Cadmium	111-1	13275	13570	13525	13457	1.18	cps
Calcium	43-1	64152	63831	65431	64471	1.31	cps
Calcium	44-1	1062126	1071317	1075717	1069720	0.65	cps
Carbon	12-1	4677665	4619767	4591627	4629686	0.95	cps
Carbon	12-2	34487	34370	34497	34451	0.20	cps
Chlorine	35-1	184236	180723	181415	182125	1.02	cps
Chlorine	35-2	1070	1113	1030	1071	3.89	cps
Chromium	52-2	21894	22187	21520	21867	1.53	cps
Cobalt	59-2	19707	19393	19140	19413	1.46	cps
Copper	63-2	35367	35384	34769	35174	1.00	cps
Dysprosium	156-1	33	10	17	20	60.08	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	57	107	40	68	51.19	cps
Erbium	164-2	23	17	47	29	54.53	cps
Gadolinium	160-1	83	137	97	106	26.30	cps
Gadolinium	160-2	30	30	10	23	49.49	cps
Holmium	165-1	8919930	9059292	8815152	8931458	1.37	cps
Holmium	165-2	3753690	3752027	3718575	3741431	0.53	cps
Indium	115-1	8172378	8173591	8176973	8174314	0.03	cps
Indium	115-2	1014493	1016090	1016565	1015716	0.11	cps
Iron	54-2	24337	24585	23499	24140	2.36	cps
Iron	56-2	430812	426921	416531	424755	1.74	cps
Iron	57-2	10878	10501	10311	10563	2.73	cps
Krypton	83-1	353	373	360	362	2.81	cps
Lead	206-1	25692	25939	26347	25993	1.27	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:25:43	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22643	22817	22543	22668	0.61	cps
Lead	208-1	102341	102648	103698	102896	0.69	cps
Lithium	6-1	2756644	2785920	2824858	2789141	1.23	cps
Magnesium	24-2	302875	302771	293162	299603	1.86	cps
Manganese	55-2	9613	9300	9120	9344	2.67	cps
Molybdenum	94-1	79013	77052	78825	78296	1.38	cps
Molybdenum	95-1	94009	95270	95156	94812	0.74	cps
Molybdenum	96-1	104983	104362	106729	105358	1.16	cps
Molybdenum	97-1	57623	57937	58590	58050	0.85	cps
Molybdenum	98-1	151166	151504	152276	151649	0.37	cps
Neodymium	150-1	13	27	23	21	32.88	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	6101	6235	6235	6190	1.24	cps
Phosphorus	31-2	403	397	377	392	3.54	cps
Potassium	39-2	229071	229686	224420	227725	1.26	cps
Rhodium	103-1	8041655	7939501	7753719	7911625	1.85	cps
Rhodium	103-2	3523525	3622118	3559458	3568367	1.40	cps
Scandium	45-1	5747635	5627526	5719622	5698261	1.10	cps
Scandium	45-2	147326	147784	147208	147439	0.21	cps
Selenium	82-1	2724	2834	3060	2873	5.98	cps
Selenium	77-2	87	60	87	78	19.80	cps
Selenium	78-2	233	257	273	254	7.90	cps
Silicon	28-1	797282	802871	810257	803470	0.81	cps
Silver	107-1	45622	46448	46341	46137	0.97	cps
Silver	109-1	43060	43348	44375	43594	1.58	cps
Sodium	23-2	690227	696341	692329	692965	0.45	cps
Strontium	86-1	12863	12779	13116	12919	1.36	cps
Strontium	88-1	106250	107463	108131	107281	0.89	cps
Sulfur	34-1	751681	747966	752521	750723	0.32	cps
Terbium	159-1	9120558	9297150	9372908	9263539	1.40	cps
Terbium	159-2	3642760	3657742	3730152	3676885	1.27	cps
Thallium	203-1	29447	28064	28722	28744	2.41	cps
Thallium	205-1	67702	68003	68021	67909	0.26	cps
Tin	118-1	146134	144901	146141	145726	0.49	cps
Titanium	47-1	29647	29818	29517	29661	0.51	cps
Uranium	238-1	84716	86042	84435	85064	1.01	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:25:43	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	38114	38254	37359	37909	1.27	cps
Ytterbium	172-1	57	63	43	54	18.71	cps
Ytterbium	172-2	20	23	27	23	14.29	cps
Ytterbium	176-1	1243	1190	1360	1265	6.88	cps
Ytterbium	176-2	253	257	330	280	15.48	cps
Yttrium	89-1	14725836	14863546	14787858	14792413	0.47	cps
Yttrium	89-2	1349600	1354519	1335656	1346592	0.73	cps
Zinc	66-2	11124	10818	10651	10864	2.21	cps
Zirconium	90-1	65845	66591	66598	66345	0.65	cps
Zirconium	91-1	14244	15112	14801	14719	2.99	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:29:05	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	154636	154905	153052	154198	0.65	cps
Antimony	121-1	1668672	1695205	1648895	1670924	1.39	cps
Arsenic	75-2	44303	45316	44771	44796	1.13	cps
Barium	135-1	1987096	2024089	1960704	1990630	1.60	cps
Barium	137-1	3422865	3459385	3423522	3435257	0.61	cps
Beryllium	9-1	442668	446032	447945	445548	0.60	cps
Bismuth	209-1	5227304	5279468	5294752	5267175	0.67	cps
Bismuth	209-2	2647870	2601874	2619308	2623018	0.89	cps
Bromine	81-1	19941	20358	20004	20101	1.12	cps
Cadmium	108-1	34657	35576	35212	35148	1.32	cps
Cadmium	106-1	54259	54925	56016	55067	1.61	cps
Cadmium	111-1	436314	440146	445656	440705	1.07	cps
Calcium	43-1	569054	581426	588194	579558	1.67	cps
Calcium	44-1	9145549	9102461	9249905	9165972	0.83	cps
Carbon	12-1	4660816	4619370	4601736	4627308	0.66	cps
Carbon	12-2	35089	35125	34634	34949	0.78	cps
Chlorine	35-1	189318	190071	190128	189839	0.24	cps
Chlorine	35-2	880	1043	1057	993	9.90	cps
Chromium	52-2	477044	466430	470027	471167	1.15	cps
Cobalt	59-2	851959	859379	850474	853937	0.56	cps
Copper	63-2	7375357	7444512	7418188	7412685	0.47	cps
Dysprosium	156-1	57	53	43	51	13.58	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	110	100	47	86	39.79	cps
Erbium	164-2	30	50	27	36	35.49	cps
Gadolinium	160-1	87	97	100	94	7.35	cps
Gadolinium	160-2	17	27	23	22	22.91	cps
Holmium	165-1	8838329	8979620	8918093	8912014	0.79	cps
Holmium	165-2	3751768	3719258	3797560	3756195	1.05	cps
Indium	115-1	8166720	8174937	8156926	8166194	0.11	cps
Indium	115-2	1009787	1005669	1013322	1009593	0.38	cps
Iron	54-2	996034	992055	994079	994056	0.20	cps
Iron	56-2	17843161	18208757	17821556	17957825	1.21	cps
Iron	57-2	453465	449202	452740	451803	0.50	cps
Krypton	83-1	467	383	400	417	10.58	cps
Lead	206-1	5550430	5511852	5519819	5527367	0.37	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:29:05	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4787635	4804616	4796544	4796265	0.18	cps
Lead	208-1	21639857	21907704	21923557	21823706	0.73	cps
Lithium	6-1	2800193	2731906	2795321	2775807	1.37	cps
Magnesium	24-2	2756504	2721394	2722834	2733577	0.73	cps
Manganese	55-2	2254388	2229063	2208129	2230527	1.04	cps
Molybdenum	94-1	6010950	6050515	5977402	6012955	0.61	cps
Molybdenum	95-1	8649797	8633079	8726927	8669934	0.58	cps
Molybdenum	96-1	9534532	9611712	9543168	9563137	0.44	cps
Molybdenum	97-1	5339623	5450104	5415520	5401749	1.05	cps
Molybdenum	98-1	13918321	14037111	14155521	14036984	0.84	cps
Neodymium	150-1	137	163	163	154	9.97	cps
Neodymium	150-2	7	0	13	7	99.98	cps
Nickel	60-2	265898	265658	265321	265626	0.11	cps
Phosphorus	31-2	8539	8386	8416	8447	0.96	cps
Potassium	39-2	1024163	1011293	1011205	1015554	0.73	cps
Rhodium	103-1	7937746	7807698	7956393	7900612	1.03	cps
Rhodium	103-2	3620280	3599312	3539050	3586214	1.18	cps
Scandium	45-1	5523613	5527627	5669280	5573507	1.49	cps
Scandium	45-2	148121	146150	146855	147042	0.68	cps
Selenium	82-1	27144	28012	27772	27643	1.62	cps
Selenium	77-2	620	657	637	638	2.88	cps
Selenium	78-2	2210	2107	2274	2197	3.83	cps
Silicon	28-1	5880615	6022174	5987040	5963276	1.24	cps
Silver	107-1	2280815	2357210	2327554	2321860	1.66	cps
Silver	109-1	2161544	2192945	2220681	2191723	1.35	cps
Sodium	23-2	5742131	5575283	5570552	5629322	1.74	cps
Strontium	86-1	557263	564104	565808	562391	0.80	cps
Strontium	88-1	4947584	4926808	4946983	4940459	0.24	cps
Sulfur	34-1	918555	913722	917448	916575	0.28	cps
Terbium	159-1	9398039	9269045	9256280	9307788	0.84	cps
Terbium	159-2	3585770	3675224	3621920	3627638	1.24	cps
Thallium	203-1	1339799	1349583	1363656	1351012	0.89	cps
Thallium	205-1	3226582	3209618	3262066	3232755	0.83	cps
Tin	118-1	1321675	1341838	1333067	1332193	0.76	cps
Titanium	47-1	2573158	2619840	2618444	2603814	1.02	cps
Uranium	238-1	3950385	3982429	4004729	3979181	0.69	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:29:05	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	364146	359236	361006	361463	0.69	cps
Ytterbium	172-1	73	70	93	79	16.00	cps
Ytterbium	172-2	23	20	17	20	16.65	cps
Ytterbium	176-1	7796	7729	7952	7826	1.47	cps
Ytterbium	176-2	2860	2837	3047	2915	3.95	cps
Yttrium	89-1	14702136	14766739	15217338	14895404	1.88	cps
Yttrium	89-2	1328599	1338038	1347106	1337914	0.69	cps
Zinc	66-2	849637	853957	859212	854269	0.56	cps
Zirconium	90-1	3030749	3090555	3127187	3082830	1.58	cps
Zirconium	91-1	664781	672789	662227	666599	0.83	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:32:07	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	380571	377664	380015	379417	0.41	cps
Antimony	121-1	4121035	4217155	4266449	4201546	1.76	cps
Arsenic	75-2	110243	111046	111873	111054	0.73	cps
Barium	135-1	4831260	4817080	4857809	4835383	0.43	cps
Barium	137-1	8384865	8240632	8156703	8260733	1.40	cps
Beryllium	9-1	1081691	1087624	1087539	1085618	0.31	cps
Bismuth	209-1	5358175	5329659	5217336	5301723	1.40	cps
Bismuth	209-2	2579235	2561539	2590183	2576986	0.56	cps
Bromine	81-1	19477	19564	19604	19548	0.33	cps
Cadmium	108-1	86107	86496	88216	86940	1.29	cps
Cadmium	106-1	125040	127984	127584	126869	1.26	cps
Cadmium	111-1	1072542	1083148	1092508	1082733	0.92	cps
Calcium	43-1	1382486	1387086	1431822	1400464	1.95	cps
Calcium	44-1	22312010	22691621	22373279	22458970	0.91	cps
Carbon	12-1	5098689	4998271	5204080	5100347	2.02	cps
Carbon	12-2	39249	39099	38460	38936	1.08	cps
Chlorine	35-1	211445	217570	217554	215523	1.64	cps
Chlorine	35-2	1280	1340	1233	1285	4.16	cps
Chromium	52-2	1141891	1145943	1131699	1139845	0.64	cps
Cobalt	59-2	2112732	2104390	2092117	2103080	0.49	cps
Copper	63-2	17631479	17346120	17635163	17537587	0.95	cps
Dysprosium	156-1	73	90	140	101	34.31	cps
Dysprosium	156-2	10	30	30	23	49.49	cps
Erbium	164-1	110	83	130	108	21.72	cps
Erbium	164-2	60	57	50	56	9.17	cps
Gadolinium	160-1	103	123	160	129	22.30	cps
Gadolinium	160-2	40	40	50	43	13.32	cps
Holmium	165-1	9070477	8974918	9067189	9037528	0.60	cps
Holmium	165-2	3746560	3729529	3698256	3724781	0.66	cps
Indium	115-1	8278386	8182445	8215550	8225460	0.59	cps
Indium	115-2	997983	996692	1004162	999612	0.40	cps
Iron	54-2	2405641	2369873	2380269	2385261	0.77	cps
Iron	56-2	42975923	42479884	42416396	42624068	0.72	cps
Iron	57-2	1082676	1077084	1068798	1076186	0.65	cps
Krypton	83-1	390	420	390	400	4.33	cps
Lead	206-1	13690187	13516811	13589561	13598853	0.64	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:32:07	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11554631	11659708	11751754	11655364	0.85	cps
Lead	208-1	53073188	54003174	53916574	53664312	0.96	cps
Lithium	6-1	2815207	2729997	2737478	2760894	1.71	cps
Magnesium	24-2	6615427	6521246	6618167	6584947	0.84	cps
Manganese	55-2	5428517	5367028	5396445	5397330	0.57	cps
Molybdenum	94-1	14962139	14813988	14872414	14882847	0.50	cps
Molybdenum	95-1	21371264	21596846	22049926	21672679	1.59	cps
Molybdenum	96-1	23500192	23793880	24081055	23791709	1.22	cps
Molybdenum	97-1	13326354	13511349	13247011	13361571	1.02	cps
Molybdenum	98-1	34653368	34574642	34156453	34461488	0.78	cps
Neodymium	150-1	317	293	297	302	4.18	cps
Neodymium	150-2	10	13	23	16	44.60	cps
Nickel	60-2	571128	568672	567638	569146	0.31	cps
Phosphorus	31-2	20344	20041	20635	20340	1.46	cps
Potassium	39-2	2454204	2404407	2415588	2424733	1.08	cps
Rhodium	103-1	7851910	7916022	7797566	7855166	0.75	cps
Rhodium	103-2	3545596	3514056	3516821	3525491	0.50	cps
Scandium	45-1	5609183	5642319	5619035	5623512	0.30	cps
Scandium	45-2	147248	146714	147518	147160	0.28	cps
Selenium	82-1	67835	69145	67671	68217	1.18	cps
Selenium	77-2	1573	1483	1567	1541	3.25	cps
Selenium	78-2	5281	5358	5201	5280	1.48	cps
Silicon	28-1	14124789	13885442	14097442	14035891	0.93	cps
Silver	107-1	5599453	5656024	5685305	5646927	0.77	cps
Silver	109-1	5364789	5269830	5426007	5353542	1.47	cps
Sodium	23-2	13574977	13351652	13383940	13436856	0.90	cps
Strontium	86-1	1376089	1394591	1383391	1384690	0.67	cps
Strontium	88-1	12175450	12371230	12286991	12277890	0.80	cps
Sulfur	34-1	1033254	1024181	998123	1018519	1.79	cps
Terbium	159-1	9265274	9757860	9378257	9467130	2.73	cps
Terbium	159-2	3649913	3707871	3709057	3688947	0.92	cps
Thallium	203-1	3460411	3389577	3417821	3422603	1.04	cps
Thallium	205-1	8078808	7977939	7874484	7977077	1.28	cps
Tin	118-1	3375662	3459943	3465728	3433778	1.47	cps
Titanium	47-1	6346958	6430439	6333347	6370248	0.83	cps
Uranium	238-1	9550931	9855001	9781111	9729015	1.63	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:32:07	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	882370	884647	876044	881020	0.51	cps
Ytterbium	172-1	153	90	113	119	26.94	cps
Ytterbium	172-2	97	70	67	78	21.14	cps
Ytterbium	176-1	17301	17745	17505	17517	1.27	cps
Ytterbium	176-2	7015	6692	6692	6800	2.75	cps
Yttrium	89-1	15129511	15006027	14782068	14972535	1.18	cps
Yttrium	89-2	1334648	1346744	1340135	1340509	0.45	cps
Zinc	66-2	2100687	2084075	2092191	2092318	0.40	cps
Zirconium	90-1	7489165	7524544	7479292	7497667	0.32	cps
Zirconium	91-1	1656828	1697033	1712018	1688626	1.69	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:34:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	732181	733949	734082	733404	0.14	cps
Antimony	121-1	8246531	8113822	8270858	8210404	1.03	cps
Arsenic	75-2	221466	218780	218678	219641	0.72	cps
Barium	135-1	9771479	9603468	9782737	9719228	1.03	cps
Barium	137-1	16745039	16643952	16772660	16720551	0.41	cps
Beryllium	9-1	1967688	1984923	1997667	1983426	0.76	cps
Bismuth	209-1	5099306	5335034	5153660	5196000	2.38	cps
Bismuth	209-2	2522860	2569005	2549668	2547178	0.91	cps
Bromine	81-1	19384	19794	19624	19600	1.05	cps
Cadmium	108-1	169178	170390	168496	169355	0.57	cps
Cadmium	106-1	240721	247870	241668	243420	1.60	cps
Cadmium	111-1	2150966	2092240	2185104	2142770	2.19	cps
Calcium	43-1	2770104	2744723	2677759	2730862	1.75	cps
Calcium	44-1	44652456	44085808	43779783	44172682	1.00	cps
Carbon	12-1	5183109	5147527	5397639	5242758	2.58	cps
Carbon	12-2	40429	40703	40181	40438	0.64	cps
Chlorine	35-1	221590	224979	224654	223741	0.84	cps
Chlorine	35-2	1370	1297	1240	1302	5.01	cps
Chromium	52-2	2271467	2275849	2264085	2270467	0.26	cps
Cobalt	59-2	4139832	4017051	4107688	4088190	1.56	cps
Copper	63-2	34469537	34600218	33614328	34228028	1.56	cps
Dysprosium	156-1	183	187	203	191	5.61	cps
Dysprosium	156-2	37	43	30	37	18.18	cps
Erbium	164-1	177	183	170	177	3.78	cps
Erbium	164-2	67	60	70	66	7.77	cps
Gadolinium	160-1	207	180	147	178	16.91	cps
Gadolinium	160-2	43	73	53	57	26.96	cps
Holmium	165-1	8898313	8709216	9201133	8936221	2.78	cps
Holmium	165-2	3713662	3725243	3742440	3727115	0.39	cps
Indium	115-1	7877260	7720918	8081925	7893368	2.29	cps
Indium	115-2	963217	969198	969513	967309	0.37	cps
Iron	54-2	4587847	4646959	4484458	4573088	1.80	cps
Iron	56-2	84457080	82696655	82214412	83122716	1.42	cps
Iron	57-2	2146063	2129326	2114682	2130024	0.74	cps
Krypton	83-1	443	393	403	413	6.40	cps
Lead	206-1	26470726	27404592	26754407	26876575	1.78	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:34:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22290016	23546808	22791616	22876147	2.77	cps
Lead	208-1	102662833	108874648	104189458	105242313	3.08	cps
Lithium	6-1	2700585	2737019	2714023	2717209	0.68	cps
Magnesium	24-2	12884231	12800118	12815794	12833381	0.35	cps
Manganese	55-2	10586622	10524659	10346544	10485942	1.19	cps
Molybdenum	94-1	29438790	29893723	29822615	29718376	0.82	cps
Molybdenum	95-1	42522016	42458149	43118413	42699526	0.85	cps
Molybdenum	96-1	46852864	47043631	46322434	46739643	0.80	cps
Molybdenum	97-1	26072510	26691256	26020814	26261527	1.42	cps
Molybdenum	98-1	67612059	69593074	68260797	68488643	1.47	cps
Neodymium	150-1	630	600	523	584	9.41	cps
Neodymium	150-2	60	50	13	41	59.77	cps
Nickel	60-2	1106590	1099003	1104498	1103363	0.36	cps
Phosphorus	31-2	38892	39443	39306	39214	0.73	cps
Potassium	39-2	4760270	4650792	4662564	4691208	1.28	cps
Rhodium	103-1	7482518	7742249	7613922	7612896	1.71	cps
Rhodium	103-2	3428712	3434995	3467096	3443601	0.60	cps
Scandium	45-1	5637870	5578208	5590222	5602100	0.56	cps
Scandium	45-2	145482	145337	146306	145708	0.36	cps
Selenium	82-1	131955	132344	135565	133288	1.49	cps
Selenium	77-2	2957	3134	3230	3107	4.46	cps
Selenium	78-2	10284	10434	10384	10367	0.74	cps
Silicon	28-1	27919492	27660890	28496618	28025667	1.53	cps
Silver	107-1	10943819	11097318	10693009	10911382	1.87	cps
Silver	109-1	10309608	10183712	10231674	10241665	0.62	cps
Sodium	23-2	26892605	26209476	26737705	26613262	1.35	cps
Strontium	86-1	2850182	2822862	2839287	2837444	0.48	cps
Strontium	88-1	24083698	24027560	24275239	24128832	0.54	cps
Sulfur	34-1	1320533	1328054	1333490	1327359	0.49	cps
Terbium	159-1	9298637	9688268	9093541	9360149	3.23	cps
Terbium	159-2	3656556	3533086	3628928	3606190	1.80	cps
Thallium	203-1	6737013	6740707	6708573	6728764	0.26	cps
Thallium	205-1	15761068	16149154	15874776	15928333	1.25	cps
Tin	118-1	6505686	6388981	6623136	6505934	1.80	cps
Titanium	47-1	12621380	12633944	12437541	12564289	0.88	cps
Uranium	238-1	18763658	19646085	18991958	19133901	2.39	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:34:59	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1701300	1751814	1707871	1720328	1.60	cps
Ytterbium	172-1	200	210	157	189	15.01	cps
Ytterbium	172-2	73	90	77	80	11.02	cps
Ytterbium	176-1	34077	33372	33499	33649	1.12	cps
Ytterbium	176-2	13023	13170	13580	13258	2.18	cps
Yttrium	89-1	14918249	15163129	15098706	15060028	0.84	cps
Yttrium	89-2	1321493	1318038	1317996	1319176	0.15	cps
Zinc	66-2	4070299	4090618	3987885	4049601	1.34	cps
Zirconium	90-1	14926405	15140589	15071392	15046129	0.73	cps
Zirconium	91-1	3315737	3363886	3386183	3355268	1.07	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:37:46	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1387961	1405445	1382381	1391929	0.86	cps
Antimony	121-1	16226703	16537700	16100302	16288235	1.38	cps
Arsenic	75-2	429971	428877	425736	428194	0.51	cps
Barium	135-1	19249029	19181427	18755681	19062045	1.40	cps
Barium	137-1	32288966	32795185	32701785	32595312	0.83	cps
Beryllium	9-1	3781259	3892425	3839492	3837725	1.45	cps
Bismuth	209-1	5053806	5043839	5147366	5081670	1.12	cps
Bismuth	209-2	2494437	2473955	2500995	2489796	0.57	cps
Bromine	81-1	19948	20228	19507	19894	1.83	cps
Cadmium	108-1	330616	330499	328621	329912	0.34	cps
Cadmium	106-1	473966	475647	472460	474024	0.34	cps
Cadmium	111-1	4155732	4297590	4137071	4196798	2.09	cps
Calcium	43-1	5347878	5291976	5348674	5329509	0.61	cps
Calcium	44-1	86487385	87212779	85387455	86362540	1.06	cps
Carbon	12-1	5397846	5460650	5501386	5453294	0.96	cps
Carbon	12-2	43166	44531	42973	43557	1.95	cps
Chlorine	35-1	237603	242634	245126	241788	1.58	cps
Chlorine	35-2	1407	1480	1463	1450	2.65	cps
Chromium	52-2	4334005	4275867	4386252	4332041	1.27	cps
Cobalt	59-2	7750185	7783981	7713217	7749128	0.46	cps
Copper	63-2	64066221	64710389	63895137	64223916	0.67	cps
Dysprosium	156-1	353	320	357	343	5.91	cps
Dysprosium	156-2	80	107	67	84	24.12	cps
Erbium	164-1	267	277	257	267	3.75	cps
Erbium	164-2	110	97	117	108	9.45	cps
Gadolinium	160-1	260	217	277	251	12.33	cps
Gadolinium	160-2	67	63	83	71	15.07	cps
Holmium	165-1	8940298	8787364	8930472	8886045	0.96	cps
Holmium	165-2	3752526	3695448	3702578	3716851	0.84	cps
Indium	115-1	7738214	7915473	7544115	7732601	2.40	cps
Indium	115-2	917674	915060	921723	918152	0.37	cps
Iron	54-2	8998186	8815385	8888093	8900555	1.03	cps
Iron	56-2	161551921	158462524	161762628	160592358	1.15	cps
Iron	57-2	4104857	4025585	4062083	4064175	0.98	cps
Krypton	83-1	440	357	387	394	10.70	cps
Lead	206-1	52493604	51901451	52910408	52435154	0.97	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:37:46	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	45106276	44460443	44917691	44828137	0.74	cps
Lead	208-1	206120545	204750959	207394030	206088511	0.64	cps
Lithium	6-1	2676014	2616742	2615928	2636228	1.31	cps
Magnesium	24-2	24767681	24932440	24529971	24743364	0.82	cps
Manganese	55-2	20684462	20120035	20423308	20409268	1.38	cps
Molybdenum	94-1	58948166	59136254	59156931	59080450	0.19	cps
Molybdenum	95-1	84057024	83607039	84080405	83914823	0.32	cps
Molybdenum	96-1	92263869	90415899	92029192	91569653	1.10	cps
Molybdenum	97-1	51655816	51263966	51812434	51577405	0.55	cps
Molybdenum	98-1	134086128	135135848	134890671	134704216	0.41	cps
Neodymium	150-1	1037	1087	1063	1062	2.36	cps
Neodymium	150-2	73	87	93	84	12.06	cps
Nickel	60-2	2156251	2198586	2180756	2178531	0.98	cps
Phosphorus	31-2	76718	76433	77117	76756	0.45	cps
Potassium	39-2	9153532	8974156	9104744	9077477	1.02	cps
Rhodium	103-1	7469085	7381668	7564634	7471796	1.22	cps
Rhodium	103-2	3290650	3312913	3330556	3311373	0.60	cps
Scandium	45-1	5485761	5627877	5414984	5509541	1.97	cps
Scandium	45-2	144942	143485	143519	143982	0.58	cps
Selenium	82-1	265419	262793	262167	263460	0.65	cps
Selenium	77-2	5751	6238	5921	5970	4.14	cps
Selenium	78-2	20178	20128	20038	20114	0.35	cps
Silicon	28-1	54679564	54631046	53870901	54393837	0.83	cps
Silver	107-1	20795988	21124040	20850145	20923391	0.84	cps
Silver	109-1	19951224	19879172	19759175	19863190	0.49	cps
Sodium	23-2	51296664	51709759	50672529	51226318	1.02	cps
Strontium	86-1	5601880	5453922	5430986	5495596	1.69	cps
Strontium	88-1	47921221	47195509	47963071	47693267	0.90	cps
Sulfur	34-1	1976426	1956061	1933390	1955293	1.10	cps
Terbium	159-1	9281919	9441213	9460324	9394485	1.04	cps
Terbium	159-2	3569820	3584510	3612613	3588981	0.61	cps
Thallium	203-1	13322311	12912198	13155584	13130031	1.57	cps
Thallium	205-1	30858426	30691068	31025846	30858447	0.54	cps
Tin	118-1	12864249	13163909	13015329	13014496	1.15	cps
Titanium	47-1	24300743	24490289	24157819	24316284	0.69	cps
Uranium	238-1	37830492	37866280	38280804	37992526	0.66	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:37:46	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3403889	3313127	3346601	3354539	1.37	cps
Ytterbium	172-1	323	357	340	340	4.90	cps
Ytterbium	172-2	137	140	137	138	1.40	cps
Ytterbium	176-1	65954	65468	65645	65689	0.37	cps
Ytterbium	176-2	26363	25905	25749	26006	1.23	cps
Yttrium	89-1	14877774	14796591	14934696	14869687	0.47	cps
Yttrium	89-2	1299799	1302646	1304744	1302396	0.19	cps
Zinc	66-2	7676610	7787416	7644769	7702932	0.97	cps
Zirconium	90-1	29669610	29854514	29730575	29751567	0.32	cps
Zirconium	91-1	6535031	6430703	6629519	6531751	1.52	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:40:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2676934	2644680	2659381	2660332	0.61	cps
Antimony	121-1	31076085	31345675	31254090	31225283	0.44	cps
Arsenic	75-2	839969	825817	826912	830899	0.95	cps
Barium	135-1	36537216	36696744	36843909	36692623	0.42	cps
Barium	137-1	63687171	63284511	63776311	63582664	0.41	cps
Beryllium	9-1	7282063	7423372	7352280	7352572	0.96	cps
Bismuth	209-1	4729972	4765680	4764390	4753347	0.43	cps
Bismuth	209-2	2323609	2351583	2319202	2331465	0.75	cps
Bromine	81-1	20512	19587	19787	19962	2.44	cps
Cadmium	108-1	632627	634753	634588	633989	0.19	cps
Cadmium	106-1	904277	914534	908007	908939	0.57	cps
Cadmium	111-1	7949140	8063515	7945565	7986073	0.84	cps
Calcium	43-1	10395632	10474106	10451379	10440372	0.39	cps
Calcium	44-1	167353084	167984348	167854431	167730621	0.20	cps
Carbon	12-1	6004872	6176321	6343046	6174746	2.74	cps
Carbon	12-2	51423	51744	52149	51772	0.70	cps
Chlorine	35-1	284130	292074	298896	291700	2.53	cps
Chlorine	35-2	1763	1700	1747	1737	1.89	cps
Chromium	52-2	8437449	8362543	8355223	8385071	0.54	cps
Cobalt	59-2	15110636	15057017	15031629	15066427	0.27	cps
Copper	63-2	124804511	123631428	125295638	124577193	0.69	cps
Dysprosium	156-1	657	607	667	643	5.00	cps
Dysprosium	156-2	87	120	167	124	32.29	cps
Erbium	164-1	437	447	540	474	12.01	cps
Erbium	164-2	200	207	180	196	7.10	cps
Gadolinium	160-1	350	373	340	354	4.83	cps
Gadolinium	160-2	190	130	183	168	19.60	cps
Holmium	165-1	8574005	8683283	8653071	8636786	0.65	cps
Holmium	165-2	3570580	3594483	3591546	3585536	0.36	cps
Indium	115-1	7087953	7126211	7115607	7109924	0.28	cps
Indium	115-2	828160	821332	824161	824551	0.42	cps
Iron	54-2	17084885	17074331	17233678	17130964	0.52	cps
Iron	56-2	317002449	311411695	308561829	312325324	1.37	cps
Iron	57-2	7939022	7875602	7809123	7874582	0.82	cps
Krypton	83-1	480	480	487	482	0.80	cps
Lead	206-1	101015465	98432835	101549642	100332647	1.66	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:40:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	85523502	86080672	85973635	85859270	0.34	cps
Lead	208-1	393229764	394145311	394761134	394045403	0.20	cps
Lithium	6-1	2513231	2561643	2543509	2539461	0.96	cps
Magnesium	24-2	47885654	46947409	47216939	47350001	1.02	cps
Manganese	55-2	40366554	39896274	39732724	39998517	0.82	cps
Molybdenum	94-1	113017722	111657598	115931788	113535703	1.92	cps
Molybdenum	95-1	164326851	161777098	165936728	164013559	1.28	cps
Molybdenum	96-1	177179544	181493677	180080297	179584506	1.22	cps
Molybdenum	97-1	99138749	99983325	101279048	100133707	1.08	cps
Molybdenum	98-1	260700343	261630776	260698343	261009821	0.21	cps
Neodymium	150-1	1964	2017	2087	2022	3.06	cps
Neodymium	150-2	147	133	130	137	6.45	cps
Nickel	60-2	4247270	4181663	4159656	4196197	1.09	cps
Phosphorus	31-2	147827	146114	147493	147145	0.62	cps
Potassium	39-2	17805477	17749844	17588652	17714658	0.64	cps
Rhodium	103-1	6939771	7016899	6906611	6954427	0.81	cps
Rhodium	103-2	3123428	3110493	3152395	3128772	0.69	cps
Scandium	45-1	5206780	5429356	5195215	5277117	2.50	cps
Scandium	45-2	145171	141966	143706	143614	1.12	cps
Selenium	82-1	503965	500913	504002	502960	0.35	cps
Selenium	77-2	11515	11255	11298	11356	1.23	cps
Selenium	78-2	38884	38750	38245	38626	0.87	cps
Silicon	28-1	99528005	97225769	98535839	98429871	1.17	cps
Silver	107-1	39887355	40862353	40962628	40570779	1.46	cps
Silver	109-1	37979173	38496906	37848867	38108315	0.90	cps
Sodium	23-2	98928209	97567742	97480749	97992233	0.83	cps
Strontium	86-1	10504541	10745785	10498530	10582952	1.33	cps
Strontium	88-1	91476592	92700142	92268162	92148299	0.67	cps
Sulfur	34-1	3110200	3153474	3134971	3132882	0.69	cps
Terbium	159-1	8964220	8971799	8910312	8948777	0.37	cps
Terbium	159-2	3552648	3552357	3436898	3513968	1.90	cps
Thallium	203-1	25650124	24979131	25551455	25393570	1.43	cps
Thallium	205-1	60122146	58424212	59168877	59238412	1.44	cps
Tin	118-1	24709333	25038436	24813438	24853736	0.68	cps
Titanium	47-1	46933433	48222876	46810044	47322118	1.65	cps
Uranium	238-1	74177189	74374884	74791174	74447749	0.42	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:40:41	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6443112	6546219	6532079	6507136	0.86	cps
Ytterbium	172-1	590	513	500	534	9.09	cps
Ytterbium	172-2	247	233	257	246	4.77	cps
Ytterbium	176-1	125466	128111	124527	126035	1.47	cps
Ytterbium	176-2	50245	50158	50319	50241	0.16	cps
Yttrium	89-1	13819918	14105389	14283592	14069633	1.66	cps
Yttrium	89-2	1250143	1240540	1244948	1245210	0.39	cps
Zinc	66-2	14897063	14605991	15019476	14840843	1.43	cps
Zirconium	90-1	56641884	56962072	57985494	57196484	1.23	cps
Zirconium	91-1	12778664	12514881	12902446	12731997	1.55	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:43:32	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12802220	12677009	12535711	12671646	1.05	cps
Antimony	121-1	13207	13126	12449	12927	3.22	cps
Arsenic	75-2	413	360	337	370	10.62	cps
Barium	135-1	13210	13420	13243	13291	0.85	cps
Barium	137-1	23053	23394	22252	22899	2.56	cps
Beryllium	9-1	616	486	437	513	18.06	cps
Bismuth	209-1	4062504	4034438	3998515	4031819	0.80	cps
Bismuth	209-2	1990218	2015308	2057601	2021043	1.69	cps
Bromine	81-1	18369	18696	18966	18677	1.60	cps
Cadmium	108-1	213	217	233	221	4.85	cps
Cadmium	106-1	5184	4828	4988	5000	3.57	cps
Cadmium	111-1	4490	4171	4211	4291	4.05	cps
Calcium	43-1	44974264	44824773	45353673	45050903	0.61	cps
Calcium	44-1	737561856	720106389	731429082	729699109	1.21	cps
Carbon	12-1	5004243	4943478	4969487	4972403	0.61	cps
Carbon	12-2	53216	54681	53658	53852	1.40	cps
Chlorine	35-1	189513	189985	187463	188987	0.71	cps
Chlorine	35-2	1217	1253	1107	1192	6.40	cps
Chromium	52-2	58027	57198	57458	57561	0.74	cps
Cobalt	59-2	29825	29945	30152	29974	0.55	cps
Copper	63-2	26435	27026	26415	26625	1.30	cps
Dysprosium	156-1	1117	1007	943	1022	8.58	cps
Dysprosium	156-2	353	387	350	363	5.58	cps
Erbium	164-1	1090	1040	1087	1072	2.61	cps
Erbium	164-2	417	483	437	446	7.68	cps
Gadolinium	160-1	923	827	940	897	6.83	cps
Gadolinium	160-2	387	433	423	414	5.93	cps
Holmium	165-1	7631678	7661008	7672304	7654997	0.27	cps
Holmium	165-2	3399256	3407919	3404761	3403979	0.13	cps
Indium	115-1	6582321	6394205	6458084	6478204	1.48	cps
Indium	115-2	876693	877630	872251	875524	0.33	cps
Iron	54-2	77305016	78182069	77166004	77551029	0.71	cps
Iron	56-2	1420096246	1440263445	1428157899	1429505863	0.71	cps
Iron	57-2	36177949	35945382	35566728	35896686	0.86	cps
Krypton	83-1	423	420	427	423	0.79	cps
Lead	206-1	45452	44673	43894	44673	1.74	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:43:32	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	38698	37802	37668	38056	1.47	cps
Lead	208-1	178702	174163	172192	175019	1.91	cps
Lithium	6-1	2237006	2328309	2348268	2304528	2.57	cps
Magnesium	24-2	223329817	223255423	217022377	221202539	1.64	cps
Manganese	55-2	22888	22982	22424	22765	1.31	cps
Molybdenum	94-1	20679	19781	19818	20092	2.53	cps
Molybdenum	95-1	20902	20592	20589	20694	0.87	cps
Molybdenum	96-1	31549	30557	29485	30530	3.38	cps
Molybdenum	97-1	12709	11652	11171	11844	6.64	cps
Molybdenum	98-1	30894	28793	27671	29120	5.62	cps
Neodymium	150-1	497	477	503	492	2.82	cps
Neodymium	150-2	183	137	153	158	14.99	cps
Nickel	60-2	14067	13727	13783	13859	1.32	cps
Phosphorus	31-2	157	147	150	151	3.37	cps
Potassium	39-2	93306569	92687235	92147262	92713689	0.63	cps
Rhodium	103-1	5940614	5874486	5889763	5901621	0.59	cps
Rhodium	103-2	2742024	2796843	2810110	2782993	1.30	cps
Scandium	45-1	4720042	4678499	4681937	4693493	0.49	cps
Scandium	45-2	130973	131590	131781	131448	0.32	cps
Selenium	82-1	273	287	283	281	2.47	cps
Selenium	77-2	7	17	0	8	107.84	cps
Selenium	78-2	73	77	53	68	18.62	cps
Silicon	28-1	897850	824753	789825	837476	6.58	cps
Silver	107-1	4014	3721	3264	3666	10.31	cps
Silver	109-1	3597	3300	2944	3280	9.97	cps
Sodium	23-2	448357740	458905140	453008473	453423784	1.17	cps
Strontium	86-1	30831	31151	30811	30931	0.62	cps
Strontium	88-1	268693	271623	272092	270803	0.68	cps
Sulfur	34-1	597968	594729	586448	593048	1.00	cps
Terbium	159-1	8064433	7933553	7972302	7990096	0.84	cps
Terbium	159-2	3317078	3336129	3343739	3332315	0.41	cps
Thallium	203-1	1820	1627	1550	1666	8.35	cps
Thallium	205-1	4364	3901	3427	3897	12.02	cps
Tin	118-1	9140	8643	8740	8841	2.98	cps
Titanium	47-1	4521	4404	4457	4461	1.31	cps
Uranium	238-1	3154	2974	2720	2949	7.38	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 15:43:32	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1710	1693	1607	1670	3.32	cps
Ytterbium	172-1	1683	1583	1577	1615	3.70	cps
Ytterbium	172-2	743	803	777	774	3.88	cps
Ytterbium	176-1	2097	2194	2094	2128	2.67	cps
Ytterbium	176-2	763	793	743	767	3.28	cps
Yttrium	89-1	12849100	12490933	12870135	12736723	1.67	cps
Yttrium	89-2	1225408	1237251	1238558	1233739	0.59	cps
Zinc	66-2	28499	28742	29076	28773	1.01	cps
Zirconium	90-1	24465	24802	24258	24508	1.12	cps
Zirconium	91-1	5524	5318	5388	5410	1.94	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:12:50	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69957	70862	70470	70429	0.64	cps
Antimony	121-1	6449315	6522387	6482368	6484690	0.56	cps
Arsenic	75-2	177975	177300	176984	177420	0.29	cps
Barium	135-1	744548	739190	742329	742023	0.36	cps
Barium	137-1	1292387	1279802	1306897	1293028	1.05	cps
Beryllium	9-1	790503	798085	800316	796301	0.65	cps
Bismuth	209-1	5373712	5531516	5589094	5498107	2.03	cps
Bismuth	209-2	2713686	2701939	2693581	2703069	0.37	cps
Bromine	81-1	20322	20201	20589	20370	0.97	cps
Cadmium	108-1	55441	56207	54601	55416	1.45	cps
Cadmium	106-1	80000	80490	79527	80006	0.60	cps
Cadmium	111-1	816117	837101	837181	830133	1.46	cps
Calcium	43-1	216486	214268	216160	215638	0.56	cps
Calcium	44-1	3485902	3514350	3424112	3474788	1.33	cps
Carbon	12-1	4879707	4829845	4833372	4847641	0.57	cps
Carbon	12-2	36014	35259	35105	35459	1.37	cps
Chlorine	35-1	159494	158604	159983	159360	0.44	cps
Chlorine	35-2	857	877	903	879	2.66	cps
Chromium	52-2	903818	913484	890436	902579	1.28	cps
Cobalt	59-2	1724488	1715712	1668800	1703000	1.76	cps
Copper	63-2	1273031	1283774	1267227	1274677	0.66	cps
Dysprosium	156-1	20	10	13	14	35.26	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	63	73	77	71	9.76	cps
Erbium	164-2	33	17	20	23	37.78	cps
Gadolinium	160-1	73	67	97	79	19.97	cps
Gadolinium	160-2	17	10	13	13	25.01	cps
Holmium	165-1	9032275	9025700	8984175	9014050	0.29	cps
Holmium	165-2	3821868	3843905	3855209	3840327	0.44	cps
Indium	115-1	8300007	8438490	8478525	8405674	1.11	cps
Indium	115-2	1062878	1060146	1053547	1058857	0.45	cps
Iron	54-2	746497	745313	742047	744619	0.31	cps
Iron	56-2	12940430	13278369	13037346	13085381	1.33	cps
Iron	57-2	329575	329706	327393	328891	0.40	cps
Krypton	83-1	393	427	430	417	4.87	cps
Lead	206-1	4440356	4428670	4362648	4410558	0.95	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:12:50	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3586204	3654362	3569028	3603198	1.25	cps
Lead	208-1	16814485	17063385	16792370	16890080	0.89	cps
Lithium	6-1	2938290	2767829	2806516	2837545	3.15	cps
Magnesium	24-2	594274	595887	589505	593222	0.56	cps
Manganese	55-2	391639	394570	392830	393013	0.38	cps
Molybdenum	94-1	1147	1330	1263	1247	7.44	cps
Molybdenum	95-1	610	587	653	617	5.49	cps
Molybdenum	96-1	1350	1300	1397	1349	3.58	cps
Molybdenum	97-1	370	367	353	363	2.43	cps
Molybdenum	98-1	1063	1067	970	1033	5.31	cps
Neodymium	150-1	53	57	47	52	9.75	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	457744	455093	454250	455696	0.40	cps
Phosphorus	31-2	130	100	70	100	30.00	cps
Potassium	39-2	810810	817673	818204	815562	0.51	cps
Rhodium	103-1	8076239	8015604	7993341	8028395	0.53	cps
Rhodium	103-2	3679737	3647812	3672876	3666808	0.46	cps
Scandium	45-1	5852095	5621603	5676044	5716581	2.11	cps
Scandium	45-2	149054	149768	149502	149441	0.24	cps
Selenium	82-1	108163	108526	110377	109022	1.09	cps
Selenium	77-2	2637	2734	2544	2638	3.60	cps
Selenium	78-2	8629	8703	8719	8684	0.55	cps
Silicon	28-1	525839	521774	515996	521203	0.95	cps
Silver	107-1	2176428	2177781	2197596	2183935	0.54	cps
Silver	109-1	2045030	2057614	2039867	2047504	0.45	cps
Sodium	23-2	2172046	2178286	2136076	2162136	1.05	cps
Strontium	86-1	3400	3264	3410	3358	2.44	cps
Strontium	88-1	23824	23747	24532	24034	1.80	cps
Sulfur	34-1	670934	672188	668842	670655	0.25	cps
Terbium	159-1	9626925	9438946	9322173	9462682	1.62	cps
Terbium	159-2	3818603	3854516	3757598	3810239	1.29	cps
Thallium	203-1	5586070	5601238	5493325	5560211	1.05	cps
Thallium	205-1	12928816	12861797	13015016	12935210	0.59	cps
Tin	118-1	7025	7112	7312	7150	2.06	cps
Titanium	47-1	397	507	447	450	12.24	cps
Uranium	238-1	253	257	160	223	24.57	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:12:50	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	678535	678790	674834	677386	0.33	cps
Ytterbium	172-1	70	63	47	60	20.03	cps
Ytterbium	172-2	30	40	30	33	17.32	cps
Ytterbium	176-1	1147	1220	1213	1193	3.40	cps
Ytterbium	176-2	260	253	243	252	3.33	cps
Yttrium	89-1	15391118	15387170	15440574	15406287	0.19	cps
Yttrium	89-2	1400389	1399151	1393675	1397739	0.26	cps
Zinc	66-2	291035	287524	286573	288377	0.81	cps
Zirconium	90-1	1487	1750	1923	1720	12.78	cps
Zirconium	91-1	1253	1483	1247	1328	10.15	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:25:55	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3277	3120	3190	3196	2.46	cps
Antimony	121-1	66042	67941	67191	67058	1.43	cps
Arsenic	75-2	1020	1013	927	987	5.28	cps
Barium	135-1	76028	78100	79615	77914	2.31	cps
Barium	137-1	132996	136281	138035	135771	1.88	cps
Beryllium	9-1	9245	9160	9302	9236	0.77	cps
Bismuth	209-1	5137457	5213466	5245598	5198840	1.07	cps
Bismuth	209-2	2631352	2684415	2609315	2641694	1.46	cps
Bromine	81-1	20669	21607	21383	21220	2.31	cps
Cadmium	108-1	660	737	797	731	9.37	cps
Cadmium	106-1	6118	6412	6198	6243	2.43	cps
Cadmium	111-1	12610	12739	12774	12708	0.68	cps
Calcium	43-1	59218	60259	60426	59968	1.09	cps
Calcium	44-1	997265	1028365	1030603	1018744	1.83	cps
Carbon	12-1	4852674	4735754	4683224	4757217	1.82	cps
Carbon	12-2	35115	34193	34066	34458	1.66	cps
Chlorine	35-1	164736	163421	164074	164077	0.40	cps
Chlorine	35-2	953	1043	940	979	5.74	cps
Chromium	52-2	20939	20942	20899	20927	0.12	cps
Cobalt	59-2	18455	18759	18102	18439	1.78	cps
Copper	63-2	30860	30660	30713	30744	0.34	cps
Dysprosium	156-1	20	17	17	18	10.81	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	70	53	73	66	16.35	cps
Erbium	164-2	20	20	10	17	34.64	cps
Gadolinium	160-1	90	100	90	93	6.19	cps
Gadolinium	160-2	17	10	30	19	53.91	cps
Holmium	165-1	8585686	8647561	8647304	8626850	0.41	cps
Holmium	165-2	3649750	3793274	3705774	3716266	1.95	cps
Indium	115-1	8088625	8107299	8105461	8100462	0.13	cps
Indium	115-2	1018970	1028168	1027442	1024860	0.50	cps
Iron	54-2	22137	21910	21276	21774	2.05	cps
Iron	56-2	378969	374038	371454	374820	1.02	cps
Iron	57-2	9577	9280	9650	9502	2.06	cps
Krypton	83-1	397	443	383	408	7.73	cps
Lead	206-1	22546	22720	23081	22782	1.20	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:25:55	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	20022	19778	19882	19894	0.61	cps
Lead	208-1	90631	91063	91453	91049	0.45	cps
Lithium	6-1	2771011	2727514	2776593	2758372	0.97	cps
Magnesium	24-2	286614	287139	279262	284339	1.55	cps
Manganese	55-2	8529	8032	8356	8306	3.04	cps
Molybdenum	94-1	73376	74471	73399	73749	0.85	cps
Molybdenum	95-1	85857	87198	88040	87031	1.27	cps
Molybdenum	96-1	95791	99261	98322	97791	1.84	cps
Molybdenum	97-1	52897	53717	53610	53408	0.83	cps
Molybdenum	98-1	137524	139695	140981	139400	1.25	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	5761	5778	5961	5833	1.90	cps
Phosphorus	31-2	317	413	347	359	13.79	cps
Potassium	39-2	227214	225387	227049	226550	0.45	cps
Rhodium	103-1	7735158	7842838	7850329	7809442	0.83	cps
Rhodium	103-2	3614942	3570275	3544370	3576529	1.00	cps
Scandium	45-1	5508442	5611905	5632719	5584355	1.19	cps
Scandium	45-2	146185	146990	145956	146377	0.37	cps
Selenium	82-1	2757	2580	3037	2792	8.25	cps
Selenium	77-2	67	53	73	64	15.80	cps
Selenium	78-2	297	240	297	278	11.78	cps
Silicon	28-1	757255	756007	757220	756827	0.09	cps
Silver	107-1	41793	44191	43870	43284	3.01	cps
Silver	109-1	40967	40971	42328	41422	1.89	cps
Sodium	23-2	662167	665258	666300	664575	0.32	cps
Strontium	86-1	12276	11732	11858	11955	2.38	cps
Strontium	88-1	100280	100999	101361	100880	0.55	cps
Sulfur	34-1	714508	714773	714411	714564	0.03	cps
Terbium	159-1	9093160	9138836	9219725	9150573	0.70	cps
Terbium	159-2	3656848	3656337	3701684	3671623	0.71	cps
Thallium	203-1	27088	27028	26657	26925	0.87	cps
Thallium	205-1	64221	63705	65598	64508	1.52	cps
Tin	118-1	136432	142634	142098	140388	2.45	cps
Titanium	47-1	27239	27186	27653	27359	0.94	cps
Uranium	238-1	78692	79279	79926	79299	0.78	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:25:55	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37817	36737	36814	37123	1.62	cps
Ytterbium	172-1	30	53	60	48	32.97	cps
Ytterbium	172-2	27	30	20	26	19.92	cps
Ytterbium	176-1	1167	1210	1287	1221	4.98	cps
Ytterbium	176-2	280	283	287	283	1.18	cps
Yttrium	89-1	14557665	14731264	14430036	14572988	1.04	cps
Yttrium	89-2	1341344	1358616	1345996	1348652	0.66	cps
Zinc	66-2	10407	10210	9773	10130	3.20	cps
Zirconium	90-1	62620	64652	62489	63254	1.92	cps
Zirconium	91-1	13670	14177	14177	14008	2.09	cps

LB Number : LB135272 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2025-04-02 16:32:43 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	293	293	313	300	3.85	cps
Antimony	121-1	230	173	207	203	14.00	cps
Arsenic	75-2	10	13	13	12	15.73	cps
Barium	135-1	150	187	180	172	11.34	cps
Barium	137-1	277	277	303	286	5.39	cps
Beryllium	9-1	106	76	102	95	17.10	cps
Bismuth	209-1	5188293	5255057	5172227	5205192	0.84	cps
Bismuth	209-2	2644362	2625241	2568059	2612554	1.52	cps
Bromine	81-1	21079	20605	21293	20993	1.68	cps
Cadmium	108-1	27	20	17	21	24.12	cps
Cadmium	106-1	5101	5224	5231	5185	1.41	cps
Cadmium	111-1	3585	3673	3680	3646	1.45	cps
Calcium	43-1	1873	1833	1983	1897	4.10	cps
Calcium	44-1	66797	67360	66637	66931	0.57	cps
Carbon	12-1	4726495	4674585	4535595	4645558	2.12	cps
Carbon	12-2	33812	33866	33669	33782	0.30	cps
Chlorine	35-1	154150	154167	150766	153028	1.28	cps
Chlorine	35-2	940	793	947	893	9.70	cps
Chromium	52-2	1620	1867	1847	1778	7.71	cps
Cobalt	59-2	110	167	120	132	22.88	cps
Copper	63-2	3070	3117	2950	3046	2.82	cps
Dysprosium	156-1	3	10	7	7	50.03	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	70	77	50	66	21.17	cps
Erbium	164-2	17	10	27	18	47.19	cps
Gadolinium	160-1	97	63	103	88	24.42	cps
Gadolinium	160-2	23	17	20	20	16.65	cps
Holmium	165-1	8772487	8742495	8809311	8774765	0.38	cps
Holmium	165-2	3749145	3778183	3753782	3760370	0.41	cps
Indium	115-1	7933775	8020254	7936261	7963430	0.62	cps
Indium	115-2	1029000	1030112	1033325	1030812	0.22	cps
Iron	54-2	1277	1177	1247	1233	4.16	cps
Iron	56-2	15582	15552	15499	15544	0.27	cps
Iron	57-2	370	393	357	373	4.97	cps
Krypton	83-1	373	437	383	398	8.56	cps
Lead	206-1	1333	1330	1317	1327	0.66	cps

LB Number : LB135272 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2025-04-02 16:32:43 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1143	1237	1140	1173	4.68	cps
Lead	208-1	5230	5070	5347	5216	2.66	cps
Lithium	6-1	2711206	2802739	2676014	2729986	2.40	cps
Magnesium	24-2	383	397	383	388	1.99	cps
Manganese	55-2	4231	4347	4394	4324	1.95	cps
Molybdenum	94-1	723	717	627	689	7.84	cps
Molybdenum	95-1	293	267	330	297	10.72	cps
Molybdenum	96-1	440	427	343	403	12.99	cps
Molybdenum	97-1	157	163	167	162	3.14	cps
Molybdenum	98-1	390	407	340	379	9.16	cps
Neodymium	150-1	10	13	13	12	15.73	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	943	970	867	927	5.79	cps
Phosphorus	31-2	130	113	130	124	7.73	cps
Potassium	39-2	25015	24658	24852	24841	0.72	cps
Rhodium	103-1	7699288	7852519	7644109	7731972	1.40	cps
Rhodium	103-2	3584329	3508017	3571097	3554481	1.15	cps
Scandium	45-1	5528231	5512708	5578377	5539772	0.62	cps
Scandium	45-2	146447	145583	146727	146252	0.41	cps
Selenium	82-1	-17	-13	53	8	507.85	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	47	37	33	39	17.85	cps
Silicon	28-1	625118	627612	648150	633626	1.99	cps
Silver	107-1	290	270	297	286	4.86	cps
Silver	109-1	170	203	193	189	9.06	cps
Sodium	23-2	82977	82575	81325	82292	1.05	cps
Strontium	86-1	643	660	700	668	4.36	cps
Strontium	88-1	830	697	730	752	9.23	cps
Sulfur	34-1	701625	707274	702390	703763	0.44	cps
Terbium	159-1	9050893	9196823	9030585	9092767	1.00	cps
Terbium	159-2	3716265	3683363	3695863	3698497	0.45	cps
Thallium	203-1	350	483	443	426	16.08	cps
Thallium	205-1	1060	1020	1040	1040	1.92	cps
Tin	118-1	3947	3974	3974	3965	0.39	cps
Titanium	47-1	387	390	477	418	12.21	cps
Uranium	238-1	153	180	143	159	11.93	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:32:43	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40	57	30	42	31.91	cps
Ytterbium	172-1	37	53	57	49	21.91	cps
Ytterbium	172-2	17	20	20	19	10.18	cps
Ytterbium	176-1	1063	1277	1090	1143	10.17	cps
Ytterbium	176-2	227	213	240	227	5.88	cps
Yttrium	89-1	14901293	14831459	14894401	14875718	0.26	cps
Yttrium	89-2	1347186	1345104	1357430	1349907	0.49	cps
Zinc	66-2	2330	2280	2350	2320	1.55	cps
Zirconium	90-1	1370	1390	1393	1385	0.91	cps
Zirconium	91-1	317	307	283	302	5.66	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:36:08	DataFile Name :	024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12742069	12876938	12319492	12646167	2.30	cps
Antimony	121-1	54143	53374	52972	53496	1.11	cps
Arsenic	75-2	280	333	297	303	8.99	cps
Barium	135-1	11742	11979	11528	11750	1.92	cps
Barium	137-1	20092	19951	19968	20004	0.38	cps
Beryllium	9-1	2229	2247	2208	2228	0.88	cps
Bismuth	209-1	4784853	4828789	4850112	4821251	0.69	cps
Bismuth	209-2	2335521	2343999	2355747	2345089	0.43	cps
Bromine	81-1	23189	23854	23189	23411	1.64	cps
Cadmium	108-1	9226	8996	9253	9159	1.54	cps
Cadmium	106-1	5091	5124	4984	5067	1.44	cps
Cadmium	111-1	7996	7797	8116	7970	2.02	cps
Calcium	43-1	10115553	10416570	10349326	10293816	1.53	cps
Calcium	44-1	167509528	168900437	168124341	168178102	0.41	cps
Carbon	12-1	61532547	61469649	60315927	61106041	1.12	cps
Carbon	12-2	467645	463070	452498	461071	1.68	cps
Chlorine	35-1	141546575	150056248	152201888	147934903	3.81	cps
Chlorine	35-2	919656	920653	917193	919167	0.19	cps
Chromium	52-2	170109	170698	165773	168860	1.59	cps
Cobalt	59-2	17988	17815	17718	17840	0.77	cps
Copper	63-2	92707	90892	88594	90731	2.27	cps
Dysprosium	156-1	157	140	117	138	14.58	cps
Dysprosium	156-2	23	40	67	43	50.45	cps
Erbium	164-1	157	147	160	154	4.49	cps
Erbium	164-2	53	80	50	61	26.91	cps
Gadolinium	160-1	210	230	187	209	10.38	cps
Gadolinium	160-2	77	67	73	72	7.05	cps
Holmium	165-1	8853628	8791055	8606862	8750515	1.47	cps
Holmium	165-2	3673356	3638039	3596127	3635841	1.06	cps
Indium	115-1	7634929	7795921	7607386	7679412	1.33	cps
Indium	115-2	958328	957094	959421	958281	0.12	cps
Iron	54-2	33813437	34221339	32575444	33536740	2.56	cps
Iron	56-2	629004697	620271164	603392098	617555986	2.11	cps
Iron	57-2	15802876	15563451	15372450	15579592	1.38	cps
Krypton	83-1	377	423	460	420	9.94	cps
Lead	206-1	94995	93574	91268	93279	2.02	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:36:08	DataFile Name :	024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	73594	72964	73232	73263	0.43	cps
Lead	208-1	350475	348065	342688	347076	1.15	cps
Lithium	6-1	2528423	2521307	2545095	2531608	0.48	cps
Magnesium	24-2	47249129	47178881	44617861	46348624	3.23	cps
Manganese	55-2	35865	36330	35053	35749	1.81	cps
Molybdenum	94-1	17769821	17930928	17831562	17844104	0.46	cps
Molybdenum	95-1	31455159	31503385	31453867	31470804	0.09	cps
Molybdenum	96-1	34114945	33727395	33955217	33932519	0.57	cps
Molybdenum	97-1	19436889	19480640	19259889	19392473	0.60	cps
Molybdenum	98-1	50685113	51204204	50281633	50723650	0.91	cps
Neodymium	150-1	113	103	117	111	6.25	cps
Neodymium	150-2	27	27	30	28	6.92	cps
Nickel	60-2	22748	22932	22157	22612	1.79	cps
Phosphorus	31-2	785723	789418	767968	781036	1.47	cps
Potassium	39-2	36292019	36295789	36409476	36332428	0.18	cps
Rhodium	103-1	7063927	7181166	7114552	7119881	0.83	cps
Rhodium	103-2	3267669	3198935	3260948	3242517	1.17	cps
Scandium	45-1	5360488	5437749	5464148	5420795	0.99	cps
Scandium	45-2	142122	146094	145492	144569	1.48	cps
Selenium	82-1	40	123	23	62	86.10	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	50	50	23	41	37.46	cps
Silicon	28-1	1034989	885031	1054687	991569	9.36	cps
Silver	107-1	2210	1984	1940	2045	7.09	cps
Silver	109-1	1917	1913	1800	1877	3.54	cps
Sodium	23-2	101242225	102626135	100521849	101463403	1.05	cps
Strontium	86-1	354817	360504	353967	356429	1.00	cps
Strontium	88-1	3188824	3198035	3217710	3201523	0.46	cps
Sulfur	34-1	13107681	13146900	13016584	13090388	0.51	cps
Terbium	159-1	8895244	8775352	8945072	8871890	0.98	cps
Terbium	159-2	3564072	3519527	3585916	3556505	0.95	cps
Thallium	203-1	3297	4244	4691	4077	17.45	cps
Thallium	205-1	8069	9770	10604	9481	13.63	cps
Tin	118-1	9643	9190	9343	9392	2.46	cps
Titanium	47-1	9585253	9564704	9799874	9649944	1.35	cps
Uranium	238-1	2067	2064	2000	2044	1.84	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 16:36:08	DataFile Name :	024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1003	1077	917	999	8.02	cps
Ytterbium	172-1	73	110	87	90	20.62	cps
Ytterbium	172-2	30	17	30	26	30.11	cps
Ytterbium	176-1	1117	1090	1150	1119	2.69	cps
Ytterbium	176-2	207	290	247	248	16.82	cps
Yttrium	89-1	14709965	14584967	14458983	14584638	0.86	cps
Yttrium	89-2	1308566	1329847	1319864	1319426	0.81	cps
Zinc	66-2	17471	17484	16793	17249	2.29	cps
Zirconium	90-1	2064	2174	2120	2119	2.60	cps
Zirconium	91-1	443	383	477	434	10.89	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:06:56	DataFile Name :	031ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14399141	14072708	13638362	14036737	2.72	cps
Antimony	121-1	693355	695875	702080	697103	0.64	cps
Arsenic	75-2	19901	19617	19060	19526	2.19	cps
Barium	135-1	166260	166732	166682	166558	0.16	cps
Barium	137-1	288707	290678	288408	289264	0.43	cps
Beryllium	9-1	160763	160998	160571	160777	0.13	cps
Bismuth	209-1	4906968	4929209	4915567	4917248	0.23	cps
Bismuth	209-2	2460040	2454176	2426052	2446756	0.74	cps
Bromine	81-1	25974	26331	27049	26452	2.07	cps
Cadmium	108-1	21250	21751	21664	21555	1.24	cps
Cadmium	106-1	20268	20939	20158	20455	2.07	cps
Cadmium	111-1	175915	171734	173816	173822	1.20	cps
Calcium	43-1	11472032	11262269	11255272	11329858	1.09	cps
Calcium	44-1	184584311	184819817	184046644	184483591	0.21	cps
Carbon	12-1	67618556	68351302	68614191	68194683	0.76	cps
Carbon	12-2	531873	529494	514283	525217	1.82	cps
Chlorine	35-1	161115161	169567144	168093078	166258461	2.72	cps
Chlorine	35-2	1027450	1039049	1032156	1032885	0.56	cps
Chromium	52-2	386508	382316	369309	379377	2.36	cps
Cobalt	59-2	361620	356459	348638	355572	1.84	cps
Copper	63-2	349227	347387	342839	346484	0.95	cps
Dysprosium	156-1	140	117	133	130	9.24	cps
Dysprosium	156-2	57	60	20	46	48.72	cps
Erbium	164-1	140	193	163	166	16.15	cps
Erbium	164-2	57	40	67	54	24.75	cps
Gadolinium	160-1	197	223	180	200	10.93	cps
Gadolinium	160-2	60	50	80	63	24.12	cps
Holmium	165-1	8868707	9104895	8906578	8960060	1.42	cps
Holmium	165-2	3816271	3710373	3766490	3764378	1.41	cps
Indium	115-1	7996502	7828957	7885223	7903561	1.08	cps
Indium	115-2	1018444	1006241	1006194	1010293	0.70	cps
Iron	54-2	38203664	37785181	36206808	37398551	2.82	cps
Iron	56-2	690859883	687899296	652479164	677079448	3.15	cps
Iron	57-2	17746446	17108894	16669360	17174900	3.15	cps
Krypton	83-1	480	520	457	486	6.60	cps
Lead	206-1	502847	504691	505334	504291	0.26	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:06:56	DataFile Name :	031ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	416106	421040	413720	416955	0.90	cps
Lead	208-1	1925497	1951335	1936879	1937903	0.67	cps
Lithium	6-1	2548173	2569583	2553964	2557240	0.43	cps
Magnesium	24-2	52063244	51655549	50382969	51367254	1.71	cps
Manganese	55-2	119596	120090	115500	118395	2.13	cps
Molybdenum	94-1	19680592	19616035	19248788	19515138	1.19	cps
Molybdenum	95-1	34604015	34261860	34481244	34449040	0.50	cps
Molybdenum	96-1	36891664	37039120	37309203	37079996	0.57	cps
Molybdenum	97-1	21306696	20956353	20993797	21085616	0.91	cps
Molybdenum	98-1	55248733	54461456	54860416	54856868	0.72	cps
Neodymium	150-1	157	120	163	147	15.91	cps
Neodymium	150-2	50	40	37	42	16.43	cps
Nickel	60-2	116371	114483	111903	114252	1.96	cps
Phosphorus	31-2	883458	876940	855241	871879	1.69	cps
Potassium	39-2	41040340	40923706	41274382	41079476	0.43	cps
Rhodium	103-1	7450541	7384014	7403652	7412736	0.46	cps
Rhodium	103-2	3422744	3393409	3356635	3390929	0.98	cps
Scandium	45-1	5823044	5856404	5747003	5808817	0.97	cps
Scandium	45-2	156744	156445	156744	156644	0.11	cps
Selenium	82-1	11338	11385	11502	11408	0.74	cps
Selenium	77-2	287	303	250	280	9.74	cps
Selenium	78-2	1043	967	973	994	4.27	cps
Silicon	28-1	1047654	1053558	1006410	1035874	2.48	cps
Silver	107-1	801296	806706	806883	804962	0.39	cps
Silver	109-1	755343	766521	758239	760035	0.76	cps
Sodium	23-2	115680605	114749848	113341998	114590817	1.03	cps
Strontium	86-1	390513	388012	389667	389397	0.33	cps
Strontium	88-1	3451754	3482743	3517988	3484162	0.95	cps
Sulfur	34-1	15081035	15055417	14690324	14942259	1.46	cps
Terbium	159-1	9345909	9275246	9064275	9228477	1.59	cps
Terbium	159-2	3643545	3703966	3687815	3678442	0.85	cps
Thallium	203-1	509103	519294	514289	514229	0.99	cps
Thallium	205-1	1218106	1211899	1218360	1216121	0.30	cps
Tin	118-1	10881	10104	10468	10484	3.71	cps
Titanium	47-1	10817291	10821507	10629669	10756156	1.02	cps
Uranium	238-1	1980	1980	2124	2028	4.08	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:06:56	DataFile Name :	031ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	149425	151351	144771	148516	2.28	cps
Ytterbium	172-1	87	103	80	90	13.36	cps
Ytterbium	172-2	30	33	43	36	19.51	cps
Ytterbium	176-1	1157	1150	1093	1133	3.07	cps
Ytterbium	176-2	210	253	293	252	16.53	cps
Yttrium	89-1	15342139	15431627	15720042	15497936	1.27	cps
Yttrium	89-2	1415433	1397421	1398379	1403745	0.72	cps
Zinc	66-2	47824	47951	46924	47566	1.18	cps
Zirconium	90-1	2750	2774	2734	2753	0.73	cps
Zirconium	91-1	717	773	747	746	3.80	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:10:26	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7560920	7495281	7616659	7557620	0.80	cps
Antimony	121-1	15509867	15438395	15654357	15534206	0.71	cps
Arsenic	75-2	445784	447674	447073	446844	0.22	cps
Barium	135-1	18309301	18039323	18686214	18344946	1.77	cps
Barium	137-1	31582601	31612085	31926734	31707140	0.60	cps
Beryllium	9-1	3790741	3786125	3725004	3767290	0.97	cps
Bismuth	209-1	4588625	4584169	4494088	4555627	1.17	cps
Bismuth	209-2	2293544	2301649	2305109	2300100	0.26	cps
Bromine	81-1	22471	23874	24792	23712	4.93	cps
Cadmium	108-1	309596	311718	310667	310660	0.34	cps
Cadmium	106-1	442853	443069	449767	445230	0.88	cps
Cadmium	111-1	3877991	3955147	4017886	3950341	1.77	cps
Calcium	43-1	26621063	27047949	26629163	26766058	0.91	cps
Calcium	44-1	430651727	434269380	435211980	433377696	0.56	cps
Carbon	12-1	5889207	6065042	6197993	6050747	2.56	cps
Carbon	12-2	56314	56160	55615	56030	0.66	cps
Chlorine	35-1	5667632	5454099	5148444	5423392	4.81	cps
Chlorine	35-2	27159	25579	24341	25693	5.50	cps
Chromium	52-2	4658462	4596175	4628857	4627832	0.67	cps
Cobalt	59-2	8008152	7962462	7936248	7968954	0.46	cps
Copper	63-2	65429142	64896492	64350644	64892093	0.83	cps
Dysprosium	156-1	747	790	790	776	3.23	cps
Dysprosium	156-2	240	183	200	208	14.02	cps
Erbium	164-1	763	690	763	739	5.73	cps
Erbium	164-2	360	243	297	300	19.47	cps
Gadolinium	160-1	647	543	553	581	9.81	cps
Gadolinium	160-2	277	267	207	250	15.14	cps
Holmium	165-1	8542966	8560506	8585429	8562967	0.25	cps
Holmium	165-2	3642823	3709321	3641068	3664404	1.06	cps
Indium	115-1	7222816	7373889	7378093	7324933	1.21	cps
Indium	115-2	924104	928237	927708	926683	0.24	cps
Iron	54-2	45150639	45370403	44768703	45096582	0.68	cps
Iron	56-2	818916841	820318548	821314974	820183454	0.15	cps
Iron	57-2	20671997	20284908	20886446	20614451	1.48	cps
Krypton	83-1	447	480	500	476	5.67	cps
Lead	206-1	47018024	48217396	47762228	47665883	1.27	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:10:26	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	40514149	40648349	41141449	40767982	0.81	cps
Lead	208-1	187860986	188594576	188440549	188298704	0.21	cps
Lithium	6-1	2501598	2531553	2543937	2525696	0.86	cps
Magnesium	24-2	129597691	128146308	130349331	129364444	0.87	cps
Manganese	55-2	22049332	22007071	21694809	21917071	0.88	cps
Molybdenum	94-1	57620969	59357239	57863124	58280444	1.61	cps
Molybdenum	95-1	83327327	83886294	83677967	83630529	0.34	cps
Molybdenum	96-1	91078422	92403015	92283392	91921610	0.80	cps
Molybdenum	97-1	50806491	51644199	50841986	51097559	0.93	cps
Molybdenum	98-1	133831665	135439361	132599035	133956687	1.06	cps
Neodymium	150-1	1307	1223	1310	1280	3.84	cps
Neodymium	150-2	127	113	160	133	18.02	cps
Nickel	60-2	2192659	2186942	2207279	2195627	0.48	cps
Phosphorus	31-2	83804	82255	83904	83321	1.11	cps
Potassium	39-2	49722493	49538028	49885436	49715319	0.35	cps
Rhodium	103-1	6945836	6971435	6842066	6919779	0.99	cps
Rhodium	103-2	3242640	3221006	3239332	3234326	0.36	cps
Scandium	45-1	5628003	5604748	5508273	5580341	1.14	cps
Scandium	45-2	157624	153878	156317	155939	1.22	cps
Selenium	82-1	247139	250713	249441	249098	0.73	cps
Selenium	77-2	5955	5881	6215	6017	2.91	cps
Selenium	78-2	20832	20412	21213	20819	1.93	cps
Silicon	28-1	56495574	57016294	56696639	56736169	0.46	cps
Silver	107-1	19322546	19473906	19727238	19507897	1.05	cps
Silver	109-1	18159853	18065568	18594736	18273386	1.54	cps
Sodium	23-2	261284196	261887889	262995536	262055874	0.33	cps
Strontium	86-1	5499941	5421968	5428678	5450196	0.79	cps
Strontium	88-1	46962548	47043053	47327008	47110869	0.41	cps
Sulfur	34-1	2108480	2087092	2071991	2089188	0.88	cps
Terbium	159-1	8718942	8796005	8798562	8771170	0.52	cps
Terbium	159-2	3626409	3555495	3654366	3612090	1.41	cps
Thallium	203-1	11816511	12180437	12115740	12037563	1.61	cps
Thallium	205-1	28490851	29141661	28551917	28728143	1.25	cps
Tin	118-1	12228138	12511454	12307255	12348949	1.18	cps
Titanium	47-1	25355446	25143130	24713803	25070793	1.30	cps
Uranium	238-1	36010764	36078977	36038402	36042714	0.10	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:10:26	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3663148	3614481	3625134	3634254	0.70	cps
Ytterbium	172-1	1120	960	1083	1055	7.95	cps
Ytterbium	172-2	503	477	487	489	2.76	cps
Ytterbium	176-1	62728	62674	63120	62841	0.39	cps
Ytterbium	176-2	26356	25722	26166	26081	1.25	cps
Yttrium	89-1	14629901	14602664	14127066	14453210	1.96	cps
Yttrium	89-2	1359093	1357100	1368898	1361697	0.46	cps
Zinc	66-2	7793159	7939790	7766734	7833228	1.19	cps
Zirconium	90-1	29309571	30009036	29098361	29472323	1.62	cps
Zirconium	91-1	6467849	6731116	6646015	6614993	2.03	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:23:18	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	380	260	403	348	22.12	cps
Antimony	121-1	430	433	440	434	1.17	cps
Arsenic	75-2	13	20	3	12	68.66	cps
Barium	135-1	160	197	240	199	20.14	cps
Barium	137-1	370	307	320	332	10.05	cps
Beryllium	9-1	74	82	82	79	6.36	cps
Bismuth	209-1	5591596	5555458	5530226	5559093	0.55	cps
Bismuth	209-2	2857185	2808144	2826928	2830752	0.87	cps
Bromine	81-1	23760	23837	23737	23778	0.22	cps
Cadmium	108-1	37	30	30	32	11.95	cps
Cadmium	106-1	6208	6098	5985	6097	1.83	cps
Cadmium	111-1	4373	4278	4212	4288	1.90	cps
Calcium	43-1	2044	2204	2043	2097	4.41	cps
Calcium	44-1	70247	70843	72119	71070	1.35	cps
Carbon	12-1	4783485	4737695	4637648	4719609	1.58	cps
Carbon	12-2	35038	34531	35566	35045	1.48	cps
Chlorine	35-1	1026356	999436	990712	1005501	1.85	cps
Chlorine	35-2	5138	5418	5148	5234	3.04	cps
Chromium	52-2	1987	1873	1923	1928	2.95	cps
Cobalt	59-2	120	130	93	114	16.56	cps
Copper	63-2	3704	3707	3684	3698	0.34	cps
Dysprosium	156-1	23	13	10	16	44.60	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	103	80	80	88	15.35	cps
Erbium	164-2	17	23	27	22	22.91	cps
Gadolinium	160-1	80	103	70	84	20.25	cps
Gadolinium	160-2	30	13	17	20	44.10	cps
Holmium	165-1	9387696	9452216	9293478	9377797	0.85	cps
Holmium	165-2	4039020	4052043	3985065	4025376	0.88	cps
Indium	115-1	8988327	8928040	8822717	8913028	0.94	cps
Indium	115-2	1123873	1123877	1117785	1121845	0.31	cps
Iron	54-2	1410	1553	1630	1531	7.29	cps
Iron	56-2	19914	19887	19857	19886	0.14	cps
Iron	57-2	443	450	480	458	4.27	cps
Krypton	83-1	463	350	403	406	13.98	cps
Lead	206-1	1884	1763	1914	1853	4.28	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:23:18	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1653	1613	1563	1610	2.80	cps
Lead	208-1	7254	7128	7381	7254	1.75	cps
Lithium	6-1	2937800	2959220	2944905	2947308	0.37	cps
Magnesium	24-2	583	660	623	622	6.16	cps
Manganese	55-2	4861	4948	4754	4854	2.00	cps
Molybdenum	94-1	1310	1147	1203	1220	6.80	cps
Molybdenum	95-1	537	507	470	504	6.62	cps
Molybdenum	96-1	680	697	757	711	5.67	cps
Molybdenum	97-1	330	340	297	322	7.04	cps
Molybdenum	98-1	793	723	717	744	5.71	cps
Neodymium	150-1	7	13	10	10	33.30	cps
Neodymium	150-2	17	0	0	6	173.21	cps
Nickel	60-2	1153	1107	1227	1162	5.21	cps
Phosphorus	31-2	107	140	143	130	15.60	cps
Potassium	39-2	32917	32623	32844	32795	0.47	cps
Rhodium	103-1	8559099	8527991	8475749	8520946	0.49	cps
Rhodium	103-2	3911632	3825221	3893884	3876912	1.18	cps
Scandium	45-1	6134404	6273909	6199483	6202598	1.13	cps
Scandium	45-2	164716	165410	161169	163765	1.39	cps
Selenium	82-1	53	73	-13	38	120.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	53	47	46	18.41	cps
Silicon	28-1	709370	697766	708032	705056	0.90	cps
Silver	107-1	340	383	427	383	11.30	cps
Silver	109-1	280	297	223	267	14.42	cps
Sodium	23-2	107378	108543	106834	107585	0.81	cps
Strontium	86-1	787	780	643	737	10.98	cps
Strontium	88-1	890	887	887	888	0.22	cps
Sulfur	34-1	840326	833461	835701	836496	0.42	cps
Terbium	159-1	9823772	9891932	9953872	9889858	0.66	cps
Terbium	159-2	3960230	3912328	3920686	3931081	0.65	cps
Thallium	203-1	790	913	877	860	7.36	cps
Thallium	205-1	2087	1964	2077	2042	3.35	cps
Tin	118-1	4497	4227	4594	4440	4.28	cps
Titanium	47-1	587	517	570	558	6.56	cps
Uranium	238-1	160	143	177	160	10.42	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:23:18	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	37	43	34	29.57	cps
Ytterbium	172-1	90	67	67	74	18.09	cps
Ytterbium	172-2	20	20	40	27	43.30	cps
Ytterbium	176-1	1213	1193	1280	1229	3.69	cps
Ytterbium	176-2	173	317	240	243	29.47	cps
Yttrium	89-1	16189011	16321311	16320275	16276866	0.47	cps
Yttrium	89-2	1542834	1535834	1545423	1541364	0.32	cps
Zinc	66-2	2604	2614	2667	2628	1.30	cps
Zirconium	90-1	2254	2417	2330	2334	3.50	cps
Zirconium	91-1	497	500	447	481	6.21	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:26:40	DataFile Name :	037LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3677	3777	3974	3809	3.96	cps
Antimony	121-1	74521	75893	75859	75424	1.04	cps
Arsenic	75-2	1160	1073	1127	1120	3.90	cps
Barium	135-1	87148	86933	87319	87133	0.22	cps
Barium	137-1	149981	149691	150127	149933	0.15	cps
Beryllium	9-1	10009	9754	10131	9965	1.93	cps
Bismuth	209-1	5574006	5642861	5625213	5614026	0.64	cps
Bismuth	209-2	2812953	2841889	2832172	2829005	0.52	cps
Bromine	81-1	23470	24475	23777	23907	2.15	cps
Cadmium	108-1	843	793	780	806	4.15	cps
Cadmium	106-1	7112	7305	7375	7264	1.88	cps
Cadmium	111-1	14308	14646	14207	14387	1.60	cps
Calcium	43-1	68311	68847	68723	68627	0.41	cps
Calcium	44-1	1153445	1157564	1153634	1154881	0.20	cps
Carbon	12-1	4979456	4907071	4850700	4912409	1.31	cps
Carbon	12-2	36953	36819	35944	36572	1.50	cps
Chlorine	35-1	864646	846401	837622	849557	1.62	cps
Chlorine	35-2	4387	4431	4307	4375	1.43	cps
Chromium	52-2	23132	23960	23109	23400	2.07	cps
Cobalt	59-2	20535	20108	20011	20218	1.38	cps
Copper	63-2	34515	34418	34151	34362	0.55	cps
Dysprosium	156-1	20	17	47	28	59.19	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	73	53	67	64	15.80	cps
Erbium	164-2	33	43	37	38	13.48	cps
Gadolinium	160-1	103	97	117	106	9.65	cps
Gadolinium	160-2	27	43	23	31	34.44	cps
Holmium	165-1	9651323	9569171	9547628	9589374	0.57	cps
Holmium	165-2	4133946	3994485	4066617	4065016	1.72	cps
Indium	115-1	8906607	8900707	9003390	8936901	0.65	cps
Indium	115-2	1124313	1107510	1116937	1116253	0.75	cps
Iron	54-2	24785	24521	23760	24355	2.19	cps
Iron	56-2	425664	423414	411071	420050	1.87	cps
Iron	57-2	10497	10607	10310	10472	1.43	cps
Krypton	83-1	410	400	340	383	9.88	cps
Lead	206-1	24991	25128	25505	25208	1.06	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:26:40	DataFile Name :	037LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22052	21875	22723	22217	2.01	cps
Lead	208-1	99586	100600	102549	100911	1.49	cps
Lithium	6-1	2880771	2984239	2972815	2945942	1.93	cps
Magnesium	24-2	324664	325318	316643	322209	1.50	cps
Manganese	55-2	9507	9013	9396	9305	2.79	cps
Molybdenum	94-1	81151	81705	81886	81581	0.47	cps
Molybdenum	95-1	96713	98654	97338	97568	1.02	cps
Molybdenum	96-1	108594	107492	109894	108660	1.11	cps
Molybdenum	97-1	60401	61050	60006	60486	0.87	cps
Molybdenum	98-1	155608	155066	155201	155292	0.18	cps
Neodymium	150-1	33	20	17	23	37.78	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	6368	6281	6532	6394	1.99	cps
Phosphorus	31-2	450	430	380	420	8.58	cps
Potassium	39-2	260942	265379	258408	261576	1.35	cps
Rhodium	103-1	8565703	8554250	8603972	8574642	0.30	cps
Rhodium	103-2	3975377	3939304	3906259	3940313	0.88	cps
Scandium	45-1	6316083	6257502	6310188	6294591	0.51	cps
Scandium	45-2	165909	161936	164405	164083	1.22	cps
Selenium	82-1	3157	3230	3174	3187	1.21	cps
Selenium	77-2	57	110	63	77	37.90	cps
Selenium	78-2	263	303	247	271	10.74	cps
Silicon	28-1	869537	876139	868313	871330	0.48	cps
Silver	107-1	47595	48428	48789	48271	1.27	cps
Silver	109-1	45873	45970	45278	45707	0.82	cps
Sodium	23-2	774093	769861	756690	766881	1.18	cps
Strontium	86-1	13653	13950	13363	13656	2.15	cps
Strontium	88-1	115628	115133	117402	116054	1.03	cps
Sulfur	34-1	847444	840510	839876	842610	0.50	cps
Terbium	159-1	9950481	9882847	9934489	9922606	0.36	cps
Terbium	159-2	4008808	3905612	3923952	3946124	1.40	cps
Thallium	203-1	29671	30091	30252	30005	1.00	cps
Thallium	205-1	71295	72032	70239	71188	1.27	cps
Tin	118-1	156553	160474	158261	158429	1.24	cps
Titanium	47-1	30462	31097	30546	30702	1.12	cps
Uranium	238-1	85065	87445	86545	86352	1.39	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:26:40	DataFile Name :	037LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	42226	41647	40427	41433	2.22	cps
Ytterbium	172-1	57	53	90	67	30.41	cps
Ytterbium	172-2	37	23	10	23	57.15	cps
Ytterbium	176-1	1343	1360	1457	1387	4.41	cps
Ytterbium	176-2	230	317	297	281	16.14	cps
Yttrium	89-1	16317331	16051449	16554629	16307803	1.54	cps
Yttrium	89-2	1536878	1509748	1548322	1531649	1.29	cps
Zinc	66-2	11351	11695	11121	11389	2.54	cps
Zirconium	90-1	71224	69877	71663	70921	1.31	cps
Zirconium	91-1	16109	15869	15726	15901	1.22	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	PB167410BL	Instrumnet Name :	P8
Client Sample ID :	PB167410BL	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:30:40	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	310	340	407	352	14.05	cps
Antimony	121-1	330	320	267	306	11.14	cps
Arsenic	75-2	17	33	23	24	34.31	cps
Barium	135-1	243	140	227	203	27.29	cps
Barium	137-1	247	330	323	300	15.44	cps
Beryllium	9-1	61	67	70	66	6.81	cps
Bismuth	209-1	5513945	5624353	5555419	5564572	1.00	cps
Bismuth	209-2	2802880	2823459	2832684	2819675	0.54	cps
Bromine	81-1	24311	23890	23286	23829	2.16	cps
Cadmium	108-1	13	27	13	18	43.33	cps
Cadmium	106-1	5801	6155	5875	5944	3.14	cps
Cadmium	111-1	4112	4313	4176	4200	2.45	cps
Calcium	43-1	2197	2017	1940	2051	6.42	cps
Calcium	44-1	71001	71061	70042	70701	0.81	cps
Carbon	12-1	4830407	4884597	4838823	4851276	0.60	cps
Carbon	12-2	35119	34524	34942	34861	0.88	cps
Chlorine	35-1	691899	677512	677935	682449	1.20	cps
Chlorine	35-2	3767	3667	3641	3692	1.81	cps
Chromium	52-2	2047	1980	2017	2015	1.66	cps
Cobalt	59-2	113	127	113	118	6.54	cps
Copper	63-2	3484	3497	3757	3579	4.31	cps
Dysprosium	156-1	10	17	20	16	32.73	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	77	80	53	70	20.76	cps
Erbium	164-2	33	17	23	24	34.31	cps
Gadolinium	160-1	73	90	93	86	12.53	cps
Gadolinium	160-2	23	17	20	20	16.65	cps
Holmium	165-1	9502006	9595159	9552880	9550015	0.49	cps
Holmium	165-2	3966907	4014749	3974739	3985465	0.64	cps
Indium	115-1	8929178	9143933	8950630	9007914	1.31	cps
Indium	115-2	1126328	1128916	1109449	1121564	0.94	cps
Iron	54-2	1447	1380	1437	1421	2.53	cps
Iron	56-2	18008	18252	18265	18175	0.80	cps
Iron	57-2	410	407	463	427	7.45	cps
Krypton	83-1	390	420	450	420	7.14	cps
Lead	206-1	1583	1397	1537	1506	6.45	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	PB167410BL	Instrumnet Name :	P8
Client Sample ID :	PB167410BL	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:30:40	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1360	1217	1307	1295	5.60	cps
Lead	208-1	6064	5724	5947	5912	2.92	cps
Lithium	6-1	2859466	2947722	2982612	2929933	2.17	cps
Magnesium	24-2	540	600	517	552	7.79	cps
Manganese	55-2	4964	4467	4741	4724	5.27	cps
Molybdenum	94-1	1103	1070	990	1054	5.52	cps
Molybdenum	95-1	417	390	323	377	12.76	cps
Molybdenum	96-1	503	573	503	527	7.67	cps
Molybdenum	97-1	213	227	280	240	14.70	cps
Molybdenum	98-1	493	523	553	523	5.73	cps
Neodymium	150-1	30	7	40	26	66.92	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1033	1037	1043	1038	0.49	cps
Phosphorus	31-2	130	143	140	138	5.04	cps
Potassium	39-2	30796	30455	30499	30584	0.61	cps
Rhodium	103-1	8656161	8517546	8489218	8554308	1.04	cps
Rhodium	103-2	3991305	4007092	3875751	3958049	1.81	cps
Scandium	45-1	6168199	6283298	6270765	6240754	1.01	cps
Scandium	45-2	163997	165690	161543	163744	1.27	cps
Selenium	82-1	57	-27	-67	-12	-514.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	37	50	38	30.98	cps
Silicon	28-1	703585	711778	723150	712838	1.38	cps
Silver	107-1	480	450	423	451	6.28	cps
Silver	109-1	370	347	350	356	3.55	cps
Sodium	23-2	101530	101392	101858	101593	0.24	cps
Strontium	86-1	717	763	677	719	6.03	cps
Strontium	88-1	897	770	727	798	11.07	cps
Sulfur	34-1	831945	827797	825811	828518	0.38	cps
Terbium	159-1	9823300	10147835	10001959	9991031	1.63	cps
Terbium	159-2	3983424	3902711	3950467	3945534	1.03	cps
Thallium	203-1	640	550	560	583	8.46	cps
Thallium	205-1	1337	1380	1523	1413	6.91	cps
Tin	118-1	4674	4514	4471	4553	2.36	cps
Titanium	47-1	463	483	440	462	4.69	cps
Uranium	238-1	177	157	183	172	8.06	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	PB167410BL	Instrumnet Name :	P8
Client Sample ID :	PB167410BL	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:30:40	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40	33	20	31	32.73	cps
Ytterbium	172-1	53	47	70	57	21.21	cps
Ytterbium	172-2	37	13	30	27	45.08	cps
Ytterbium	176-1	1180	1300	1337	1272	6.44	cps
Ytterbium	176-2	237	250	290	259	10.72	cps
Yttrium	89-1	16578131	16665251	16372495	16538626	0.91	cps
Yttrium	89-2	1579213	1549423	1526223	1551620	1.71	cps
Zinc	66-2	2424	2607	2477	2502	3.77	cps
Zirconium	90-1	2080	2314	2164	2186	5.41	cps
Zirconium	91-1	343	433	410	396	11.81	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	PB167410BS	Instrumnet Name :	P8
Client Sample ID :	PB167410BS	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:34:11	DataFile Name :	039LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1645342	1695123	1658403	1666289	1.55	cps
Antimony	121-1	18087624	17934658	17868250	17963511	0.63	cps
Arsenic	75-2	490864	493051	490803	491573	0.26	cps
Barium	135-1	21351010	20779698	20756716	20962474	1.61	cps
Barium	137-1	36122344	35354625	35833133	35770034	1.08	cps
Beryllium	9-1	4157455	4150361	4089534	4132450	0.90	cps
Bismuth	209-1	5235005	5079722	5274387	5196371	1.98	cps
Bismuth	209-2	2611030	2599124	2571015	2593723	0.79	cps
Bromine	81-1	23289	22936	22381	22869	2.00	cps
Cadmium	108-1	363903	361448	363582	362978	0.37	cps
Cadmium	106-1	517923	527505	526761	524063	1.02	cps
Cadmium	111-1	4564292	4654531	4571440	4596754	1.09	cps
Calcium	43-1	6161450	6241474	6169384	6190769	0.71	cps
Calcium	44-1	98359112	99656652	101398612	99804792	1.53	cps
Carbon	12-1	5547143	5759476	5729775	5678798	2.02	cps
Carbon	12-2	46537	47289	46634	46820	0.87	cps
Chlorine	35-1	699333	701675	702011	701006	0.21	cps
Chlorine	35-2	3967	4194	3764	3975	5.41	cps
Chromium	52-2	5089000	5028858	5098309	5072056	0.74	cps
Cobalt	59-2	8818907	8847500	8881362	8849256	0.35	cps
Copper	63-2	73030202	73325242	73026814	73127419	0.23	cps
Dysprosium	156-1	383	407	460	417	9.43	cps
Dysprosium	156-2	60	70	53	61	13.73	cps
Erbium	164-1	253	350	330	311	16.40	cps
Erbium	164-2	127	120	137	128	6.57	cps
Gadolinium	160-1	333	280	267	293	12.03	cps
Gadolinium	160-2	90	93	100	94	5.39	cps
Holmium	165-1	9353461	9340403	9219132	9304332	0.80	cps
Holmium	165-2	3908722	3995058	3906394	3936725	1.28	cps
Indium	115-1	8052418	8271768	8140075	8154754	1.35	cps
Indium	115-2	1006260	1004814	1010185	1007086	0.28	cps
Iron	54-2	10328540	10088212	10266053	10227601	1.22	cps
Iron	56-2	188342951	188148197	186585737	187692295	0.51	cps
Iron	57-2	4627847	4789963	4727556	4715122	1.73	cps
Krypton	83-1	440	423	450	438	3.08	cps
Lead	206-1	55916481	55116194	56455456	55829377	1.21	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	PB167410BS	Instrumnet Name :	P8
Client Sample ID :	PB167410BS	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:34:11	DataFile Name :	039LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	47547674	48183529	48023366	47918190	0.69	cps
Lead	208-1	218331817	216737742	220892980	218654180	0.96	cps
Lithium	6-1	2795477	2795634	2773838	2788316	0.45	cps
Magnesium	24-2	29311770	30021863	29396000	29576544	1.31	cps
Manganese	55-2	24174534	23908657	23874452	23985881	0.68	cps
Molybdenum	94-1	63911546	65006101	64452169	64456605	0.85	cps
Molybdenum	95-1	94191169	94086432	91801872	93359824	1.45	cps
Molybdenum	96-1	103789298	103555088	101245038	102863142	1.37	cps
Molybdenum	97-1	57126104	57738499	57307707	57390770	0.55	cps
Molybdenum	98-1	147903134	149273108	149046244	148740829	0.49	cps
Neodymium	150-1	1250	1387	1257	1298	5.94	cps
Neodymium	150-2	97	90	93	93	3.57	cps
Nickel	60-2	2474845	2532805	2543220	2516957	1.46	cps
Phosphorus	31-2	90168	92787	91010	91322	1.46	cps
Potassium	39-2	11103670	11314443	11071438	11163184	1.18	cps
Rhodium	103-1	7864927	7872504	7970209	7902547	0.74	cps
Rhodium	103-2	3569540	3745705	3650455	3655233	2.41	cps
Scandium	45-1	6033213	6000597	6262204	6098671	2.34	cps
Scandium	45-2	166213	165683	165148	165681	0.32	cps
Selenium	82-1	284376	287779	286774	286310	0.61	cps
Selenium	77-2	6552	6622	6878	6684	2.57	cps
Selenium	78-2	23643	23306	23346	23432	0.79	cps
Silicon	28-1	58527349	58134361	58303374	58321695	0.34	cps
Silver	107-1	23535049	23531248	23285409	23450569	0.61	cps
Silver	109-1	22388755	21971443	22057955	22139384	0.99	cps
Sodium	23-2	60417434	62516097	60899956	61277829	1.79	cps
Strontium	86-1	6088867	6036603	6217112	6114194	1.52	cps
Strontium	88-1	53381633	52885011	53256374	53174339	0.49	cps
Sulfur	34-1	2296829	2236666	2243875	2259123	1.45	cps
Terbium	159-1	9641921	9714397	9744750	9700356	0.54	cps
Terbium	159-2	3903295	3832180	3834881	3856785	1.04	cps
Thallium	203-1	13903352	13880581	13985269	13923068	0.40	cps
Thallium	205-1	32987812	31936269	32905132	32609738	1.79	cps
Tin	118-1	13899331	14325298	14108002	14110877	1.51	cps
Titanium	47-1	27509973	27917505	28733566	28053682	2.22	cps
Uranium	238-1	40264552	39763360	40147620	40058511	0.65	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	PB167410BS	Instrumnet Name :	P8
Client Sample ID :	PB167410BS	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:34:11	DataFile Name :	039LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3871247	3887806	3943166	3900740	0.97	cps
Ytterbium	172-1	393	320	357	357	10.28	cps
Ytterbium	172-2	157	187	153	166	11.09	cps
Ytterbium	176-1	68681	68717	69160	68853	0.39	cps
Ytterbium	176-2	27155	27429	28060	27548	1.69	cps
Yttrium	89-1	15923096	15775336	15934626	15877686	0.56	cps
Yttrium	89-2	1528691	1500938	1494191	1507940	1.21	cps
Zinc	66-2	8749734	8702007	8764809	8738850	0.38	cps
Zirconium	90-1	32203889	32682192	32581041	32489041	0.78	cps
Zirconium	91-1	7223380	7292631	7190323	7235444	0.72	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01DLX5	Instrumnet Name :	P8
Client Sample ID :	3808DL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:37:05	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55057	53444	52120	53540	2.75	cps
Antimony	121-1	44990	44846	46362	45400	1.84	cps
Arsenic	75-2	1470	1517	1507	1498	1.64	cps
Barium	135-1	233906	237094	235180	235393	0.68	cps
Barium	137-1	400578	403346	412280	405401	1.51	cps
Beryllium	9-1	581	610	603	598	2.49	cps
Bismuth	209-1	5396775	5418079	5352507	5389120	0.62	cps
Bismuth	209-2	2644283	2680059	2658751	2661031	0.68	cps
Bromine	81-1	116842	120203	120697	119247	1.76	cps
Cadmium	108-1	887	847	843	859	2.81	cps
Cadmium	106-1	7656	7926	8066	7882	2.65	cps
Cadmium	111-1	7795	7902	8059	7919	1.68	cps
Calcium	43-1	12277684	12151229	11951495	12126803	1.36	cps
Calcium	44-1	191856364	194832984	194426530	193705293	0.83	cps
Carbon	12-1	85069500	94215709	98539985	92608398	7.43	cps
Carbon	12-2	765289	776793	774185	772089	0.78	cps
Chlorine	35-1	81449320	88754349	91221842	87141837	5.83	cps
Chlorine	35-2	541177	535115	534946	537080	0.66	cps
Chromium	52-2	40447	39498	40257	40067	1.25	cps
Cobalt	59-2	16913	16827	16333	16691	1.88	cps
Copper	63-2	2822192	2818665	2682684	2774514	2.87	cps
Dysprosium	156-1	6221	5855	6088	6055	3.07	cps
Dysprosium	156-2	2334	2204	2297	2278	2.94	cps
Erbium	164-1	5661	5621	5548	5610	1.03	cps
Erbium	164-2	2247	2270	2274	2264	0.64	cps
Gadolinium	160-1	5638	5905	5818	5787	2.35	cps
Gadolinium	160-2	2750	2600	2714	2688	2.91	cps
Holmium	165-1	9540869	9738709	9728277	9669285	1.15	cps
Holmium	165-2	4184484	4049808	4041662	4091985	1.96	cps
Indium	115-1	8747862	8879666	8925335	8850954	1.04	cps
Indium	115-2	1119858	1102907	1101068	1107944	0.93	cps
Iron	54-2	892921	880313	852217	875150	2.38	cps
Iron	56-2	16576595	16305604	15735262	16205821	2.65	cps
Iron	57-2	411666	402899	393756	402774	2.22	cps
Krypton	83-1	463	473	570	502	11.73	cps
Lead	206-1	674385	687178	685832	682465	1.03	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01DLX5	Instrumnet Name :	P8
Client Sample ID :	3808DL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:37:05	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	547000	559303	565866	557390	1.72	cps
Lead	208-1	2569770	2599203	2627437	2598803	1.11	cps
Lithium	6-1	2787423	2900000	2902681	2863368	2.30	cps
Magnesium	24-2	1404745	1358250	1352024	1371673	2.10	cps
Manganese	55-2	112553	112694	108677	111308	2.05	cps
Molybdenum	94-1	166804	167391	167067	167087	0.18	cps
Molybdenum	95-1	129870	134194	131521	131862	1.65	cps
Molybdenum	96-1	154920	154815	155257	154997	0.15	cps
Molybdenum	97-1	81624	82128	81189	81647	0.58	cps
Molybdenum	98-1	207369	212234	211627	210410	1.26	cps
Neodymium	150-1	8416	8523	8469	8469	0.63	cps
Neodymium	150-2	2574	2504	2540	2539	1.38	cps
Nickel	60-2	21149	20869	20632	20883	1.24	cps
Phosphorus	31-2	2387	2414	2280	2360	2.99	cps
Potassium	39-2	2822278	2745162	2784729	2784056	1.39	cps
Rhodium	103-1	7996226	8403748	8367443	8255806	2.73	cps
Rhodium	103-2	3778208	3643822	3647462	3689831	2.07	cps
Scandium	45-1	6431308	6361457	6620131	6470965	2.07	cps
Scandium	45-2	170357	166321	167446	168041	1.24	cps
Selenium	82-1	140	97	43	93	51.88	cps
Selenium	77-2	27	27	13	22	34.66	cps
Selenium	78-2	63	63	70	66	5.87	cps
Silicon	28-1	190452264	192022617	194931517	192468799	1.18	cps
Silver	107-1	11829	10341	9610	10593	10.67	cps
Silver	109-1	11141	9513	9113	9923	10.83	cps
Sodium	23-2	300177896	290620662	290125036	293641198	1.93	cps
Strontium	86-1	2373707	2343381	2296946	2338011	1.65	cps
Strontium	88-1	20074861	19990321	20510792	20191991	1.38	cps
Sulfur	34-1	2132661	2083606	2074918	2097062	1.48	cps
Terbium	159-1	9988034	10210845	10582071	10260317	2.92	cps
Terbium	159-2	4048444	3940212	4010596	3999750	1.37	cps
Thallium	203-1	1840	1720	1643	1735	5.72	cps
Thallium	205-1	4397	4154	4037	4196	4.38	cps
Tin	118-1	106305	108334	111371	108670	2.35	cps
Titanium	47-1	117594	115971	117711	117092	0.83	cps
Uranium	238-1	29838	30500	30460	30266	1.23	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01DLX5	Instrumnet Name :	P8
Client Sample ID :	3808DL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:37:05	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	49769	49358	47268	48798	2.75	cps
Ytterbium	172-1	2007	2114	2170	2097	3.96	cps
Ytterbium	172-2	947	1003	910	953	4.93	cps
Ytterbium	176-1	2934	2907	3134	2991	4.14	cps
Ytterbium	176-2	1097	1073	1007	1059	4.41	cps
Yttrium	89-1	16922746	16866728	16854211	16881228	0.22	cps
Yttrium	89-2	1629832	1582766	1585973	1599524	1.64	cps
Zinc	66-2	498827	499731	483902	494153	1.80	cps
Zirconium	90-1	252760	262131	261389	258760	2.01	cps
Zirconium	91-1	57156	57230	57478	57288	0.29	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	3808DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:40:20	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58353	58574	56974	57967	1.50	cps
Antimony	121-1	51888	52012	51945	51948	0.12	cps
Arsenic	75-2	1463	1350	1593	1469	8.29	cps
Barium	135-1	215193	214559	215883	215212	0.31	cps
Barium	137-1	374871	376088	372041	374333	0.55	cps
Beryllium	9-1	471	457	493	473	3.79	cps
Bismuth	209-1	5049233	5179967	5239949	5156383	1.89	cps
Bismuth	209-2	2579440	2646825	2775147	2667137	3.73	cps
Bromine	81-1	113656	115027	118341	115675	2.08	cps
Cadmium	108-1	737	823	750	770	6.06	cps
Cadmium	106-1	7532	7879	7495	7636	2.77	cps
Cadmium	111-1	7524	7593	7602	7573	0.56	cps
Calcium	43-1	10967775	11308365	11052074	11109404	1.60	cps
Calcium	44-1	179964937	181545357	178410537	179973611	0.87	cps
Carbon	12-1	89009129	95197999	101771868	95326332	6.70	cps
Carbon	12-2	787877	799631	792421	793310	0.75	cps
Chlorine	35-1	78582117	84466885	85492462	82847155	4.50	cps
Chlorine	35-2	517494	515415	515082	515997	0.25	cps
Chromium	52-2	37940	36928	36968	37279	1.54	cps
Cobalt	59-2	16473	16563	15759	16265	2.71	cps
Copper	63-2	2679852	2697749	2664996	2680865	0.61	cps
Dysprosium	156-1	5575	5164	5758	5499	5.53	cps
Dysprosium	156-2	2207	2247	2177	2210	1.59	cps
Erbium	164-1	5001	5044	5298	5114	3.13	cps
Erbium	164-2	1997	2124	2027	2049	3.23	cps
Gadolinium	160-1	5081	5338	5174	5198	2.50	cps
Gadolinium	160-2	2510	2540	2617	2556	2.15	cps
Holmium	165-1	9425860	9264827	9198011	9296233	1.26	cps
Holmium	165-2	4042327	4029785	4175359	4082490	1.98	cps
Indium	115-1	8454102	8428476	8531550	8471376	0.63	cps
Indium	115-2	1091004	1097155	1157030	1115063	3.27	cps
Iron	54-2	852599	840939	823815	839118	1.73	cps
Iron	56-2	15755624	15664826	15520735	15647061	0.76	cps
Iron	57-2	387733	389875	382624	386744	0.96	cps
Krypton	83-1	430	503	470	468	7.85	cps
Lead	206-1	635330	631264	626401	630998	0.71	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	3808DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:40:20	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	533097	527962	524170	528409	0.85	cps
Lead	208-1	2430626	2437757	2445401	2437928	0.30	cps
Lithium	6-1	2839027	2816292	2826079	2827132	0.40	cps
Magnesium	24-2	1315447	1322872	1273589	1303970	2.04	cps
Manganese	55-2	103854	101934	101296	102362	1.30	cps
Molybdenum	94-1	159206	160049	162095	160450	0.93	cps
Molybdenum	95-1	124548	122784	123960	123764	0.73	cps
Molybdenum	96-1	150462	147786	148272	148840	0.96	cps
Molybdenum	97-1	76633	76231	77599	76821	0.91	cps
Molybdenum	98-1	198237	195666	194802	196235	0.91	cps
Neodymium	150-1	7826	7789	7846	7820	0.37	cps
Neodymium	150-2	2380	2284	2470	2378	3.93	cps
Nickel	60-2	20208	19811	19941	19986	1.01	cps
Phosphorus	31-2	2157	2200	2194	2184	1.07	cps
Potassium	39-2	2692137	2660697	2698074	2683636	0.75	cps
Rhodium	103-1	7943359	7916960	8096190	7985503	1.21	cps
Rhodium	103-2	3702421	3678670	3801767	3727619	1.75	cps
Scandium	45-1	6259228	6373583	6235145	6289319	1.18	cps
Scandium	45-2	166166	166809	174029	169001	2.58	cps
Selenium	82-1	243	200	117	187	34.49	cps
Selenium	77-2	33	17	17	22	43.28	cps
Selenium	78-2	50	50	63	54	14.14	cps
Silicon	28-1	179549017	183203317	177853164	180201833	1.52	cps
Silver	107-1	8106	8139	8196	8147	0.56	cps
Silver	109-1	7375	7415	7459	7417	0.56	cps
Sodium	23-2	279225809	283219516	275623769	279356365	1.36	cps
Strontium	86-1	2129025	2188381	2161008	2159471	1.38	cps
Strontium	88-1	18714751	18881428	19034871	18877017	0.85	cps
Sulfur	34-1	1937952	2017569	2057615	2004379	3.04	cps
Terbium	159-1	9909574	9822484	9578512	9770190	1.76	cps
Terbium	159-2	3962602	4008041	4088280	4019641	1.58	cps
Thallium	203-1	957	1007	1037	1000	4.04	cps
Thallium	205-1	2334	2284	2447	2355	3.55	cps
Tin	118-1	78490	77454	77534	77826	0.74	cps
Titanium	47-1	111481	110363	113436	111760	1.39	cps
Uranium	238-1	26207	27246	26441	26631	2.05	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	3808DUPDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:40:20	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	46315	46586	46248	46383	0.39	cps
Ytterbium	172-1	1957	1940	1877	1925	2.19	cps
Ytterbium	172-2	907	943	900	917	2.55	cps
Ytterbium	176-1	2664	2714	2727	2701	1.24	cps
Ytterbium	176-2	913	930	1033	959	6.78	cps
Yttrium	89-1	15903048	16227169	16296526	16142248	1.30	cps
Yttrium	89-2	1565760	1553255	1667485	1595500	3.93	cps
Zinc	66-2	477389	477753	467231	474125	1.26	cps
Zirconium	90-1	249661	247524	248621	248602	0.43	cps
Zirconium	91-1	55908	56587	55641	56045	0.87	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	3808LDL	Dilution Factor :	25
Date & Time Acquired :	2025-04-02 17:43:38	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11495	11885	11628	11669	1.70	cps
Antimony	121-1	43466	42442	42412	42773	1.40	cps
Arsenic	75-2	350	307	263	307	14.13	cps
Barium	135-1	46951	47098	46760	46937	0.36	cps
Barium	137-1	79512	80544	80712	80256	0.81	cps
Beryllium	9-1	198	183	189	190	3.87	cps
Bismuth	209-1	5462171	5588293	5554852	5535105	1.18	cps
Bismuth	209-2	2742426	2765632	2746802	2751620	0.45	cps
Bromine	81-1	43624	43955	43695	43758	0.40	cps
Cadmium	108-1	157	143	203	168	18.78	cps
Cadmium	106-1	6358	6308	6358	6342	0.46	cps
Cadmium	111-1	4994	4909	4928	4944	0.91	cps
Calcium	43-1	2460244	2370819	2390947	2407337	1.95	cps
Calcium	44-1	39331855	38940479	38029569	38767301	1.72	cps
Carbon	12-1	28382352	28851805	28858955	28697704	0.95	cps
Carbon	12-2	212030	211429	206988	210149	1.31	cps
Chlorine	35-1	18550952	19356102	19703317	19203457	3.08	cps
Chlorine	35-2	115325	113776	111936	113679	1.49	cps
Chromium	52-2	11528	11238	11335	11367	1.30	cps
Cobalt	59-2	3611	3597	3617	3608	0.28	cps
Copper	63-2	563647	569984	565611	566414	0.57	cps
Dysprosium	156-1	1240	1223	1217	1227	0.98	cps
Dysprosium	156-2	470	433	477	460	5.07	cps
Erbium	164-1	1113	1207	1077	1132	5.92	cps
Erbium	164-2	463	393	483	447	10.58	cps
Gadolinium	160-1	1187	1167	1243	1199	3.32	cps
Gadolinium	160-2	537	540	540	539	0.36	cps
Holmium	165-1	9615858	9712886	9540814	9623186	0.90	cps
Holmium	165-2	4061925	4038392	3993359	4031225	0.86	cps
Indium	115-1	8933616	8874750	8903492	8903953	0.33	cps
Indium	115-2	1123320	1114018	1122255	1119864	0.45	cps
Iron	54-2	179995	179038	176421	178484	1.04	cps
Iron	56-2	3361271	3346788	3338440	3348833	0.34	cps
Iron	57-2	81883	82423	82497	82268	0.41	cps
Krypton	83-1	437	407	437	427	4.06	cps
Lead	206-1	145876	145502	145247	145542	0.22	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	3808LDL	Dilution Factor :	25
Date & Time Acquired :	2025-04-02 17:43:38	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	120306	119805	121554	120555	0.75	cps
Lead	208-1	558955	561366	558924	559749	0.25	cps
Lithium	6-1	2946293	3008101	2951823	2968739	1.15	cps
Magnesium	24-2	282018	280721	279257	280665	0.49	cps
Manganese	55-2	31521	32413	31889	31941	1.40	cps
Molybdenum	94-1	32859	33614	33694	33389	1.38	cps
Molybdenum	95-1	25918	25614	25994	25842	0.78	cps
Molybdenum	96-1	30443	30804	30336	30528	0.80	cps
Molybdenum	97-1	16039	15535	15472	15682	1.98	cps
Molybdenum	98-1	41231	40947	40880	41019	0.45	cps
Neodymium	150-1	1740	1597	1750	1696	5.06	cps
Neodymium	150-2	483	553	440	492	11.62	cps
Nickel	60-2	7129	7179	7342	7216	1.55	cps
Phosphorus	31-2	583	673	643	633	7.24	cps
Potassium	39-2	580750	572423	571114	574763	0.91	cps
Rhodium	103-1	8312977	8300551	8540990	8384839	1.61	cps
Rhodium	103-2	3845909	3851947	3893131	3863663	0.67	cps
Scandium	45-1	6362847	6464823	6429245	6418972	0.81	cps
Scandium	45-2	164260	164017	164197	164158	0.08	cps
Selenium	82-1	63	50	0	38	88.38	cps
Selenium	77-2	7	0	13	7	99.98	cps
Selenium	78-2	50	23	43	39	35.69	cps
Silicon	28-1	38055308	37506457	37947034	37836266	0.77	cps
Silver	107-1	1893	2004	2007	1968	3.28	cps
Silver	109-1	1660	1630	1777	1689	4.59	cps
Sodium	23-2	59853576	59154677	58690187	59232814	0.99	cps
Strontium	86-1	442342	441662	441450	441818	0.11	cps
Strontium	88-1	4043598	3907844	4005083	3985508	1.76	cps
Sulfur	34-1	1087889	1066172	1070749	1074937	1.07	cps
Terbium	159-1	10113130	9603517	9973056	9896567	2.66	cps
Terbium	159-2	3997220	3986417	4080926	4021521	1.29	cps
Thallium	203-1	783	647	607	679	13.65	cps
Thallium	205-1	1577	1620	1623	1607	1.62	cps
Tin	118-1	34743	27124	27157	29675	14.79	cps
Titanium	47-1	23336	23155	23332	23275	0.44	cps
Uranium	238-1	5755	5815	5905	5825	1.30	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	3808LDL	Dilution Factor :	25
Date & Time Acquired :	2025-04-02 17:43:38	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	9537	9206	9416	9386	1.78	cps
Ytterbium	172-1	403	350	457	403	13.22	cps
Ytterbium	172-2	240	223	207	223	7.46	cps
Ytterbium	176-1	1553	1613	1530	1566	2.75	cps
Ytterbium	176-2	463	460	423	449	4.94	cps
Yttrium	89-1	16357643	16340209	16415438	16371097	0.24	cps
Yttrium	89-2	1530953	1576359	1588705	1565339	1.94	cps
Zinc	66-2	115327	114460	114357	114715	0.46	cps
Zirconium	90-1	51428	51913	51970	51770	0.58	cps
Zirconium	91-1	11018	11475	11255	11249	2.03	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	3808MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:46:52	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333169	329383	331996	331516	0.58	cps
Antimony	121-1	3384706	3430162	3373013	3395960	0.89	cps
Arsenic	75-2	1250	1243	1190	1228	2.68	cps
Barium	135-1	3718681	3620424	3793239	3710782	2.34	cps
Barium	137-1	6303347	6285123	6352123	6313531	0.55	cps
Beryllium	9-1	829948	828474	823038	827153	0.44	cps
Bismuth	209-1	5169667	5261976	5266549	5232731	1.04	cps
Bismuth	209-2	2614026	2632259	2582625	2609637	0.96	cps
Bromine	81-1	105007	108183	110071	107753	2.38	cps
Cadmium	108-1	62370	62464	61844	62226	0.54	cps
Cadmium	106-1	99522	100264	99663	99817	0.39	cps
Cadmium	111-1	797433	802350	802445	800743	0.36	cps
Calcium	43-1	11459055	11584966	11300752	11448258	1.24	cps
Calcium	44-1	184963864	189522391	184869204	186451819	1.43	cps
Carbon	12-1	79437942	87168445	89509595	85371994	6.17	cps
Carbon	12-2	709339	721690	718517	716515	0.90	cps
Chlorine	35-1	95741879	103161382	103292672	100731977	4.29	cps
Chlorine	35-2	630406	630160	633722	631429	0.32	cps
Chromium	52-2	931657	920371	933685	928571	0.77	cps
Cobalt	59-2	1741937	1691201	1671854	1701664	2.13	cps
Copper	63-2	15247637	15220254	15228299	15232063	0.09	cps
Dysprosium	156-1	5094	5221	5291	5202	1.92	cps
Dysprosium	156-2	1940	1997	1903	1947	2.42	cps
Erbium	164-1	4658	4638	4614	4636	0.47	cps
Erbium	164-2	1870	1917	1994	1927	3.23	cps
Gadolinium	160-1	5138	4894	5171	5068	2.98	cps
Gadolinium	160-2	2347	2357	2300	2335	1.30	cps
Holmium	165-1	9436807	9365748	9299318	9367291	0.73	cps
Holmium	165-2	4006917	3988039	3954328	3983095	0.67	cps
Indium	115-1	8522163	8412237	8462738	8465713	0.65	cps
Indium	115-2	1076354	1066808	1062215	1068459	0.68	cps
Iron	54-2	2545686	2517112	2561993	2541597	0.89	cps
Iron	56-2	45895281	44924323	45187093	45335565	1.11	cps
Iron	57-2	1107063	1109646	1109721	1108810	0.14	cps
Krypton	83-1	517	483	560	520	7.39	cps
Lead	206-1	10777952	10812339	10791349	10793880	0.16	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	3808MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:46:52	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9300593	9213605	9296858	9270352	0.53	cps
Lead	208-1	42699046	43026321	42741387	42822251	0.42	cps
Lithium	6-1	2800923	2857296	2910777	2856332	1.92	cps
Magnesium	24-2	6586064	6568986	6534245	6563098	0.40	cps
Manganese	55-2	4200574	4140381	4192501	4177819	0.78	cps
Molybdenum	94-1	5899242	5922228	5914738	5912069	0.20	cps
Molybdenum	95-1	6376282	6326961	6590725	6431323	2.18	cps
Molybdenum	96-1	7306531	7173011	7387101	7288881	1.48	cps
Molybdenum	97-1	3992268	4003271	3948420	3981320	0.73	cps
Molybdenum	98-1	10245056	10294026	10246853	10261978	0.27	cps
Neodymium	150-1	7369	7392	7489	7417	0.86	cps
Neodymium	150-2	2214	2304	2067	2195	5.44	cps
Nickel	60-2	452179	451673	450707	451520	0.17	cps
Phosphorus	31-2	1920	2037	1937	1965	3.21	cps
Potassium	39-2	4250917	4231407	4257487	4246604	0.32	cps
Rhodium	103-1	7944158	7906793	7772940	7874631	1.14	cps
Rhodium	103-2	3642666	3568157	3596004	3602276	1.05	cps
Scandium	45-1	6259116	6425736	6351619	6345490	1.32	cps
Scandium	45-2	164338	166193	164264	164932	0.66	cps
Selenium	82-1	54216	54862	54233	54437	0.68	cps
Selenium	77-2	1460	1353	1250	1355	7.75	cps
Selenium	78-2	4564	4591	4341	4499	3.05	cps
Silicon	28-1	167776781	169911494	167730444	168472906	0.74	cps
Silver	107-1	671241	675538	676758	674513	0.43	cps
Silver	109-1	634159	635741	633726	634542	0.17	cps
Sodium	23-2	275877863	276990676	269764243	274210927	1.42	cps
Strontium	86-1	3341820	3391161	3413548	3382176	1.09	cps
Strontium	88-1	28986273	29715043	28959393	29220236	1.47	cps
Sulfur	34-1	1952979	1941737	1927195	1940637	0.67	cps
Terbium	159-1	9684895	9826727	9727760	9746461	0.75	cps
Terbium	159-2	3916123	3895174	3898094	3903130	0.29	cps
Thallium	203-1	2464119	2495390	2503180	2487563	0.83	cps
Thallium	205-1	5802140	5992379	5824083	5872867	1.77	cps
Tin	118-1	2477374	2524066	2501048	2500830	0.93	cps
Titanium	47-1	102070	102880	110337	105095	4.34	cps
Uranium	238-1	7507728	7692206	7585987	7595307	1.22	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	3808MSDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:46:52	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	779488	785653	776980	780707	0.57	cps
Ytterbium	172-1	1823	1967	1974	1921	4.41	cps
Ytterbium	172-2	973	850	867	897	7.46	cps
Ytterbium	176-1	14855	15159	15242	15085	1.35	cps
Ytterbium	176-2	6345	5988	5825	6053	4.40	cps
Yttrium	89-1	15980250	16582375	16273714	16278779	1.85	cps
Yttrium	89-2	1569412	1528618	1565524	1554518	1.45	cps
Zinc	66-2	1992002	1974579	2008646	1991742	0.86	cps
Zirconium	90-1	6239693	6319970	6304355	6288006	0.68	cps
Zirconium	91-1	1348589	1383398	1349374	1360453	1.46	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	3808MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:49:53	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332552	327024	334407	331328	1.16	cps
Antimony	121-1	3442264	3410704	3456444	3436471	0.68	cps
Arsenic	75-2	1260	1137	1367	1255	9.18	cps
Barium	135-1	3797506	3683867	3720420	3733931	1.55	cps
Barium	137-1	6231533	6433103	6402942	6355859	1.71	cps
Beryllium	9-1	828368	829527	820957	826284	0.56	cps
Bismuth	209-1	5212743	5182625	5149477	5181615	0.61	cps
Bismuth	209-2	2592461	2617160	2573210	2594277	0.85	cps
Bromine	81-1	106199	109329	108614	108047	1.52	cps
Cadmium	108-1	62190	61389	62357	61979	0.83	cps
Cadmium	106-1	98995	100600	99935	99843	0.81	cps
Cadmium	111-1	800537	809905	803088	804510	0.60	cps
Calcium	43-1	11753243	11573680	11559516	11628813	0.93	cps
Calcium	44-1	190488877	188713757	190471357	189891331	0.54	cps
Carbon	12-1	82478579	88439822	93281995	88066799	6.14	cps
Carbon	12-2	718401	731806	731706	727304	1.06	cps
Chlorine	35-1	102328352	106424608	109912738	106221900	3.57	cps
Chlorine	35-2	648295	651186	654808	651430	0.50	cps
Chromium	52-2	937719	926486	935487	933230	0.64	cps
Cobalt	59-2	1766549	1674416	1705017	1715328	2.74	cps
Copper	63-2	15139284	15474858	15105280	15239807	1.34	cps
Dysprosium	156-1	5201	5111	5384	5232	2.66	cps
Dysprosium	156-2	2037	1947	2117	2034	4.18	cps
Erbium	164-1	4561	4888	4804	4751	3.57	cps
Erbium	164-2	2127	1820	1803	1917	9.50	cps
Gadolinium	160-1	5121	5221	4951	5098	2.68	cps
Gadolinium	160-2	2384	2407	2400	2397	0.50	cps
Holmium	165-1	9173254	9192887	9370083	9245408	1.17	cps
Holmium	165-2	3975238	4085199	4027420	4029286	1.37	cps
Indium	115-1	8381103	8478499	8507872	8455825	0.78	cps
Indium	115-2	1064036	1066277	1071588	1067300	0.36	cps
Iron	54-2	2548950	2571216	2566050	2562072	0.45	cps
Iron	56-2	45454279	45295148	45284343	45344590	0.21	cps
Iron	57-2	1119224	1107105	1120208	1115512	0.65	cps
Krypton	83-1	567	537	533	546	3.36	cps
Lead	206-1	10901732	10860715	10620097	10794182	1.41	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	3808MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:49:53	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9388028	9303180	9145758	9278989	1.32	cps
Lead	208-1	43350731	42919111	41974998	42748280	1.65	cps
Lithium	6-1	2825922	2781496	2834697	2814038	1.01	cps
Magnesium	24-2	6594666	6454248	6647556	6565490	1.52	cps
Manganese	55-2	4271858	4222503	4235505	4243289	0.60	cps
Molybdenum	94-1	5974636	5932402	5846413	5917817	1.10	cps
Molybdenum	95-1	6536726	6388502	6328368	6417865	1.67	cps
Molybdenum	96-1	7405294	7329659	7273106	7336020	0.90	cps
Molybdenum	97-1	4002214	4056090	4019003	4025769	0.68	cps
Molybdenum	98-1	10197602	10267603	10322858	10262688	0.61	cps
Neodymium	150-1	7255	7589	7479	7441	2.28	cps
Neodymium	150-2	2317	2234	2050	2200	6.20	cps
Nickel	60-2	450056	448205	447706	448656	0.28	cps
Phosphorus	31-2	1980	1920	2110	2003	4.85	cps
Potassium	39-2	4286017	4328826	4325281	4313374	0.55	cps
Rhodium	103-1	7941916	7890336	8020383	7950878	0.82	cps
Rhodium	103-2	3591943	3647795	3590140	3609959	0.91	cps
Scandium	45-1	6324701	6280716	6269684	6291700	0.46	cps
Scandium	45-2	165579	168174	166762	166838	0.78	cps
Selenium	82-1	53775	54615	54223	54204	0.78	cps
Selenium	77-2	1297	1313	1383	1331	3.45	cps
Selenium	78-2	4527	4674	4811	4671	3.03	cps
Silicon	28-1	171704984	169971384	173093211	171589860	0.91	cps
Silver	107-1	676633	681719	679941	679431	0.38	cps
Silver	109-1	637739	638545	633947	636743	0.39	cps
Sodium	23-2	275822229	271917703	272276609	273338847	0.79	cps
Strontium	86-1	3451497	3347948	3369007	3389484	1.61	cps
Strontium	88-1	29018251	29051073	29093379	29054234	0.13	cps
Sulfur	34-1	1981359	1959888	1951356	1964201	0.79	cps
Terbium	159-1	9871786	9798513	9741831	9804043	0.66	cps
Terbium	159-2	3895156	3879280	3890977	3888471	0.21	cps
Thallium	203-1	2510537	2493396	2488212	2497381	0.47	cps
Thallium	205-1	5848673	5795992	5903027	5849231	0.91	cps
Tin	118-1	2514909	2478456	2546286	2513217	1.35	cps
Titanium	47-1	101643	101636	102805	102028	0.66	cps
Uranium	238-1	7638413	7741384	7456156	7611984	1.90	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	3808MSDDL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:49:53	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	782603	773832	778508	778314	0.56	cps
Ytterbium	172-1	1840	1897	1934	1890	2.49	cps
Ytterbium	172-2	853	880	920	884	3.79	cps
Ytterbium	176-1	15182	15202	14692	15025	1.92	cps
Ytterbium	176-2	6031	6085	6141	6086	0.90	cps
Yttrium	89-1	16083356	16163190	16375949	16207498	0.93	cps
Yttrium	89-2	1581661	1581214	1571498	1578124	0.36	cps
Zinc	66-2	1945234	1997379	1969397	1970670	1.32	cps
Zirconium	90-1	6202256	6228951	6327464	6252890	1.05	cps
Zirconium	91-1	1338349	1380756	1354546	1357884	1.58	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	3808ADL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:52:51	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	338356	342156	342342	340951	0.66	cps
Antimony	121-1	3458506	3465863	3528467	3484279	1.10	cps
Arsenic	75-2	1283	1447	1310	1347	6.51	cps
Barium	135-1	3761957	3762530	3872763	3799083	1.68	cps
Barium	137-1	6417739	6380668	6427722	6408709	0.39	cps
Beryllium	9-1	838712	835353	842647	838904	0.44	cps
Bismuth	209-1	5191791	5282185	5157236	5210404	1.24	cps
Bismuth	209-2	2596779	2645229	2627015	2623008	0.93	cps
Bromine	81-1	108539	111593	114418	111517	2.64	cps
Cadmium	108-1	63093	63843	64574	63837	1.16	cps
Cadmium	106-1	100841	102171	100381	101131	0.92	cps
Cadmium	111-1	814716	819593	815378	816562	0.32	cps
Calcium	43-1	12011839	11900357	11715123	11875773	1.26	cps
Calcium	44-1	193216764	195104290	194343817	194221624	0.49	cps
Carbon	12-1	86581712	90084882	94652279	90439624	4.47	cps
Carbon	12-2	736201	747865	754496	746187	1.24	cps
Chlorine	35-1	106778908	111243788	113262592	110428429	3.00	cps
Chlorine	35-2	674059	681874	684974	680302	0.83	cps
Chromium	52-2	959047	953671	959201	957306	0.33	cps
Cobalt	59-2	1773640	1751277	1757431	1760783	0.66	cps
Copper	63-2	16153669	15628214	15558156	15780013	2.06	cps
Dysprosium	156-1	5108	5481	5274	5288	3.54	cps
Dysprosium	156-2	2027	2040	2134	2067	2.81	cps
Erbium	164-1	4507	4958	4844	4770	4.91	cps
Erbium	164-2	1887	1923	1880	1897	1.23	cps
Gadolinium	160-1	4901	4971	5024	4965	1.25	cps
Gadolinium	160-2	2487	2457	2497	2480	0.84	cps
Holmium	165-1	9193640	9372140	9380460	9315413	1.13	cps
Holmium	165-2	4041662	4006529	4012237	4020142	0.47	cps
Indium	115-1	8502788	8297065	8417620	8405825	1.23	cps
Indium	115-2	1076694	1076999	1084722	1079472	0.42	cps
Iron	54-2	2657411	2564956	2669027	2630465	2.17	cps
Iron	56-2	46614459	46939991	47245108	46933186	0.67	cps
Iron	57-2	1159474	1158442	1152984	1156966	0.30	cps
Krypton	83-1	487	543	670	567	16.56	cps
Lead	206-1	11007454	11187263	11169852	11121523	0.89	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	3808ADL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:52:51	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9477486	9706627	9627089	9603734	1.21	cps
Lead	208-1	43816222	44441967	43783262	44013817	0.84	cps
Lithium	6-1	2828207	2784261	2866592	2826353	1.46	cps
Magnesium	24-2	6717994	7013627	6698623	6810081	2.59	cps
Manganese	55-2	4372686	4331751	4404078	4369505	0.83	cps
Molybdenum	94-1	6059573	6013845	6071252	6048223	0.50	cps
Molybdenum	95-1	6576035	6606249	6594651	6592312	0.23	cps
Molybdenum	96-1	7476783	7634929	7492131	7534614	1.16	cps
Molybdenum	97-1	4029924	4144501	3996412	4056946	1.91	cps
Molybdenum	98-1	10403777	10557122	10459511	10473470	0.74	cps
Neodymium	150-1	7662	7252	7759	7558	3.56	cps
Neodymium	150-2	2270	2227	2244	2247	0.97	cps
Nickel	60-2	461429	464044	459790	461754	0.46	cps
Phosphorus	31-2	2050	1997	2274	2107	6.97	cps
Potassium	39-2	4508677	4556788	4444457	4503307	1.25	cps
Rhodium	103-1	7943394	7900450	7749947	7864597	1.29	cps
Rhodium	103-2	3692427	3654096	3681592	3676038	0.54	cps
Scandium	45-1	6315816	6372320	6231889	6306675	1.12	cps
Scandium	45-2	166644	166752	165465	166287	0.43	cps
Selenium	82-1	56358	55990	55265	55871	1.00	cps
Selenium	77-2	1350	1370	1423	1381	2.74	cps
Selenium	78-2	4571	4878	4524	4657	4.12	cps
Silicon	28-1	170765651	174401011	174110517	173092393	1.17	cps
Silver	107-1	695032	697740	694761	695844	0.24	cps
Silver	109-1	651376	651766	656755	653299	0.46	cps
Sodium	23-2	277957936	284739062	279350549	280682516	1.28	cps
Strontium	86-1	3451597	3394317	3522761	3456225	1.86	cps
Strontium	88-1	29637527	30000902	29852345	29830258	0.61	cps
Sulfur	34-1	1977760	1971741	1961026	1970176	0.43	cps
Terbium	159-1	9973691	9898278	9888015	9919995	0.47	cps
Terbium	159-2	3969190	3995267	3937638	3967365	0.73	cps
Thallium	203-1	2511643	2604015	2595778	2570478	1.99	cps
Thallium	205-1	5950106	6039185	5969676	5986322	0.78	cps
Tin	118-1	2609430	2559685	2591523	2586879	0.97	cps
Titanium	47-1	105471	105813	104463	105249	0.67	cps
Uranium	238-1	7636703	7928331	7631802	7732279	2.20	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	3808ADL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:52:51	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	804543	808528	799294	804122	0.58	cps
Ytterbium	172-1	1817	1863	1924	1868	2.86	cps
Ytterbium	172-2	920	990	873	928	6.33	cps
Ytterbium	176-1	15122	15015	14942	15026	0.60	cps
Ytterbium	176-2	6268	6111	6175	6185	1.27	cps
Yttrium	89-1	16141726	16262151	16411721	16271866	0.83	cps
Yttrium	89-2	1588704	1551193	1598854	1579584	1.59	cps
Zinc	66-2	2052019	2074752	2039632	2055468	0.87	cps
Zirconium	90-1	6432425	6449102	6530424	6470650	0.81	cps
Zirconium	91-1	1426576	1486465	1448420	1453820	2.08	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-02DLX5	Instrumnet Name :	P8
Client Sample ID :	3809DL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:55:52	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111843	110655	108031	110176	1.77	cps
Antimony	121-1	77592	80062	81316	79657	2.38	cps
Arsenic	75-2	1497	1563	1507	1522	2.36	cps
Barium	135-1	795876	809345	814788	806670	1.21	cps
Barium	137-1	1372489	1415292	1405627	1397803	1.61	cps
Beryllium	9-1	5438	5553	5722	5571	2.57	cps
Bismuth	209-1	4716290	4570155	4764370	4683605	2.16	cps
Bismuth	209-2	2349183	2427702	2484620	2420502	2.81	cps
Bromine	81-1	350547	373315	379895	367919	4.19	cps
Cadmium	108-1	2674	2570	2784	2676	3.99	cps
Cadmium	106-1	10861	10694	10958	10838	1.23	cps
Cadmium	111-1	20883	20915	21177	20992	0.77	cps
Calcium	43-1	45515243	46966166	46974946	46485452	1.81	cps
Calcium	44-1	748834042	779554015	760285349	762891135	2.04	cps
Carbon	12-1	309071955	357520661	388671408	351754675	11.40	cps
Carbon	12-2	2626374	2581746	2524612	2577577	1.98	cps
Chlorine	35-1	273342456	281413616	284902202	279886091	2.12	cps
Chlorine	35-2	1846038	1828312	1842735	1839028	0.51	cps
Chromium	52-2	70717	69551	67150	69139	2.63	cps
Cobalt	59-2	38195	38726	36657	37859	2.84	cps
Copper	63-2	3063557	2998450	2879063	2980357	3.14	cps
Dysprosium	156-1	8823	8976	9123	8974	1.67	cps
Dysprosium	156-2	3464	3661	3320	3482	4.90	cps
Erbium	164-1	8196	8496	8113	8268	2.44	cps
Erbium	164-2	3417	3370	3224	3337	3.02	cps
Gadolinium	160-1	7776	8263	8296	8111	3.59	cps
Gadolinium	160-2	4064	3797	3984	3948	3.47	cps
Holmium	165-1	8908874	8439951	8864097	8737641	2.96	cps
Holmium	165-2	3716525	3896475	3971230	3861410	3.39	cps
Indium	115-1	7844824	7661628	7795023	7767159	1.22	cps
Indium	115-2	1008099	1029806	1044251	1027385	1.77	cps
Iron	54-2	1502990	1453752	1400656	1452466	3.52	cps
Iron	56-2	26702996	26737200	25305467	26248554	3.11	cps
Iron	57-2	650712	647163	625027	640967	2.17	cps
Krypton	83-1	1120	1090	973	1061	7.30	cps
Lead	206-1	710405	723878	719905	718062	0.96	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-02DLX5	Instrumnet Name :	P8
Client Sample ID :	3809DL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:55:52	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	587468	590815	597363	591882	0.85	cps
Lead	208-1	2720955	2766224	2773204	2753461	1.03	cps
Lithium	6-1	2594904	2549634	2633842	2592793	1.63	cps
Magnesium	24-2	1459230	1442223	1368838	1423430	3.37	cps
Manganese	55-2	169191	170620	164462	168091	1.92	cps
Molybdenum	94-1	429391	440873	441354	437206	1.55	cps
Molybdenum	95-1	162315	166501	165824	164880	1.36	cps
Molybdenum	96-1	232248	233945	233351	233181	0.37	cps
Molybdenum	97-1	100074	104091	104194	102786	2.29	cps
Molybdenum	98-1	260588	267710	266797	265032	1.46	cps
Neodymium	150-1	12593	12876	12793	12754	1.14	cps
Neodymium	150-2	3794	3804	3711	3769	1.36	cps
Nickel	60-2	44168	44563	42253	43661	2.83	cps
Phosphorus	31-2	2474	2410	2200	2361	6.06	cps
Potassium	39-2	9455758	9338758	9523234	9439250	0.99	cps
Rhodium	103-1	7133582	6922374	7262326	7106094	2.42	cps
Rhodium	103-2	3285889	3377674	3382242	3348602	1.62	cps
Scandium	45-1	6006576	5871716	5933034	5937108	1.14	cps
Scandium	45-2	158369	160367	163111	160616	1.48	cps
Selenium	82-1	300	457	313	357	24.35	cps
Selenium	77-2	37	43	40	40	8.32	cps
Selenium	78-2	110	117	107	111	4.58	cps
Silicon	28-1	253675650	262569743	264446216	260230536	2.21	cps
Silver	107-1	18513	17701	17765	17993	2.51	cps
Silver	109-1	17398	16356	16336	16697	3.64	cps
Sodium	23-2	728233109	727115109	689194336	714847518	3.11	cps
Strontium	86-1	5546609	5856044	5674356	5692336	2.73	cps
Strontium	88-1	49562431	49854031	50242668	49886376	0.68	cps
Sulfur	34-1	2536518	2494496	2579512	2536842	1.68	cps
Terbium	159-1	8851291	8789913	9062553	8901252	1.61	cps
Terbium	159-2	3712962	3804734	3764879	3760858	1.22	cps
Thallium	203-1	16524	16898	17305	16909	2.31	cps
Thallium	205-1	39293	40620	40674	40195	1.95	cps
Tin	118-1	338974	344820	341923	341906	0.85	cps
Titanium	47-1	289550	299449	294034	294344	1.68	cps
Uranium	238-1	59817	60540	60945	60434	0.95	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-02DLX5	Instrumnet Name :	P8
Client Sample ID :	3809DL	Dilution Factor :	5
Date & Time Acquired :	2025-04-02 17:55:52	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	77193	78607	74781	76860	2.52	cps
Ytterbium	172-1	2814	2790	2894	2833	1.91	cps
Ytterbium	172-2	1377	1457	1463	1432	3.37	cps
Ytterbium	176-1	3911	4557	4111	4193	7.90	cps
Ytterbium	176-2	1630	1610	1580	1607	1.57	cps
Yttrium	89-1	15346300	14755917	15252930	15118382	2.10	cps
Yttrium	89-2	1529395	1536532	1558581	1541503	0.99	cps
Zinc	66-2	528909	522549	508948	520135	1.96	cps
Zirconium	90-1	940028	951508	962512	951349	1.18	cps
Zirconium	91-1	207846	212622	208219	209562	1.27	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:59:05	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7726819	7839186	7793158	7786387	0.73	cps
Antimony	121-1	15739530	15803894	15661644	15735023	0.45	cps
Arsenic	75-2	451672	459745	458959	456792	0.97	cps
Barium	135-1	18794313	18808261	19047584	18883386	0.75	cps
Barium	137-1	32705092	31848580	32958050	32503907	1.79	cps
Beryllium	9-1	3886364	3811075	3861664	3853034	1.00	cps
Bismuth	209-1	4646829	4712108	4734252	4697730	0.97	cps
Bismuth	209-2	2408988	2375971	2423988	2402982	1.02	cps
Bromine	81-1	29651	29641	28419	29237	2.42	cps
Cadmium	108-1	315580	317565	315649	316265	0.36	cps
Cadmium	106-1	448559	451632	454824	451672	0.69	cps
Cadmium	111-1	3994580	3992001	4023812	4003464	0.44	cps
Calcium	43-1	27285049	27157990	26931746	27124928	0.66	cps
Calcium	44-1	440825780	441842500	433589647	438752642	1.03	cps
Carbon	12-1	32041953	29688674	27349472	29693366	7.90	cps
Carbon	12-2	176715	167474	157649	167279	5.70	cps
Chlorine	35-1	12257906	11654294	10809186	11573796	6.29	cps
Chlorine	35-2	56333	55760	51327	54473	5.03	cps
Chromium	52-2	4780332	4806098	4789703	4792044	0.27	cps
Cobalt	59-2	8151168	8278690	8232406	8220754	0.79	cps
Copper	63-2	66927001	67783131	66355119	67021750	1.07	cps
Dysprosium	156-1	763	813	723	767	5.88	cps
Dysprosium	156-2	210	217	243	223	7.90	cps
Erbium	164-1	663	713	697	691	3.68	cps
Erbium	164-2	280	313	327	307	7.84	cps
Gadolinium	160-1	540	627	597	588	7.49	cps
Gadolinium	160-2	240	260	290	263	9.56	cps
Holmium	165-1	8928103	8711218	8719372	8786231	1.40	cps
Holmium	165-2	3869691	3790854	3904418	3854988	1.51	cps
Indium	115-1	7640258	7527379	7522893	7563510	0.88	cps
Indium	115-2	964946	959372	965616	963311	0.36	cps
Iron	54-2	45775101	46556779	46355311	46229064	0.88	cps
Iron	56-2	839941854	846182467	841092707	842405676	0.39	cps
Iron	57-2	21249975	21652255	21249236	21383822	1.09	cps
Krypton	83-1	533	543	453	510	9.67	cps
Lead	206-1	48115609	48286561	48794711	48398960	0.73	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:59:05	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	41352851	41571624	41507978	41477484	0.27	cps
Lead	208-1	190032942	191648216	191545880	191075680	0.47	cps
Lithium	6-1	2585462	2550155	2626591	2587403	1.48	cps
Magnesium	24-2	132675151	134789761	134976638	134147184	0.95	cps
Manganese	55-2	22570802	23181172	22827611	22859862	1.34	cps
Molybdenum	94-1	59097519	60409779	59702086	59736461	1.10	cps
Molybdenum	95-1	85004669	86995885	86797605	86266053	1.27	cps
Molybdenum	96-1	91708145	95179172	94967615	93951644	2.07	cps
Molybdenum	97-1	51171933	53200361	52495448	52289247	1.97	cps
Molybdenum	98-1	135545941	137933328	137212675	136897315	0.89	cps
Neodymium	150-1	1393	1373	1460	1409	3.22	cps
Neodymium	150-2	110	187	150	149	25.76	cps
Nickel	60-2	2285239	2305828	2239425	2276830	1.49	cps
Phosphorus	31-2	84310	84598	83143	84017	0.92	cps
Potassium	39-2	50978813	51941504	51322738	51414351	0.95	cps
Rhodium	103-1	7187926	7081445	7175952	7148441	0.82	cps
Rhodium	103-2	3317132	3323118	3365072	3335107	0.78	cps
Scandium	45-1	5837345	5832349	5774273	5814656	0.60	cps
Scandium	45-2	158382	160145	158490	159006	0.62	cps
Selenium	82-1	252482	254614	256729	254608	0.83	cps
Selenium	77-2	6365	6528	6395	6429	1.35	cps
Selenium	78-2	21406	21480	21824	21570	1.03	cps
Silicon	28-1	58071471	58804102	58466201	58447258	0.63	cps
Silver	107-1	19935498	19837838	20060427	19944588	0.56	cps
Silver	109-1	18561068	18985790	18598870	18715243	1.26	cps
Sodium	23-2	265001589	265651856	266161556	265605000	0.22	cps
Strontium	86-1	5561257	5654111	5517164	5577511	1.25	cps
Strontium	88-1	47815671	49176028	49275701	48755800	1.67	cps
Sulfur	34-1	2163658	2133126	2098510	2131765	1.53	cps
Terbium	159-1	9170604	9127340	8997602	9098515	0.99	cps
Terbium	159-2	3761339	3808475	3737725	3769180	0.96	cps
Thallium	203-1	12326484	12238078	12250236	12271599	0.39	cps
Thallium	205-1	28932707	29036552	28711517	28893592	0.57	cps
Tin	118-1	12829198	12678099	12589026	12698774	0.96	cps
Titanium	47-1	25730271	26083265	25651745	25821761	0.89	cps
Uranium	238-1	36635640	37090627	36733977	36820081	0.65	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 17:59:05	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3738212	3755424	3774164	3755933	0.48	cps
Ytterbium	172-1	1130	1150	1070	1117	3.73	cps
Ytterbium	172-2	570	523	550	548	4.27	cps
Ytterbium	176-1	63053	62075	63951	63026	1.49	cps
Ytterbium	176-2	26801	27021	26804	26875	0.47	cps
Yttrium	89-1	14914549	15124956	14887165	14975557	0.87	cps
Yttrium	89-2	1494807	1515046	1515744	1508532	0.79	cps
Zinc	66-2	8034002	8134872	8153259	8107378	0.79	cps
Zirconium	90-1	30178470	30379661	30390756	30316296	0.39	cps
Zirconium	91-1	6673806	6773803	6830936	6759515	1.18	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:02:06	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533	543	603	560	6.76	cps
Antimony	121-1	2944	2627	2137	2569	15.82	cps
Arsenic	75-2	23	13	10	16	44.60	cps
Barium	135-1	590	483	450	508	14.40	cps
Barium	137-1	893	893	783	857	7.41	cps
Beryllium	9-1	263	214	195	224	15.64	cps
Bismuth	209-1	5562357	5561829	5497918	5540702	0.67	cps
Bismuth	209-2	2843297	2845713	2806389	2831800	0.78	cps
Bromine	81-1	25657	25854	24949	25487	1.87	cps
Cadmium	108-1	53	17	27	32	58.81	cps
Cadmium	106-1	6111	5798	6148	6019	3.20	cps
Cadmium	111-1	4427	4197	4392	4339	2.86	cps
Calcium	43-1	3160	2834	2587	2860	10.06	cps
Calcium	44-1	80765	79980	76039	78928	3.21	cps
Carbon	12-1	10790884	10175590	9471706	10146060	6.51	cps
Carbon	12-2	64337	62589	60775	62567	2.85	cps
Chlorine	35-1	4855254	4297358	3952760	4368457	10.43	cps
Chlorine	35-2	19794	18552	17644	18663	5.78	cps
Chromium	52-2	1997	1927	1867	1930	3.37	cps
Cobalt	59-2	160	160	150	157	3.69	cps
Copper	63-2	4988	5144	4657	4930	5.04	cps
Dysprosium	156-1	17	27	10	18	47.19	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	97	77	87	87	11.54	cps
Erbium	164-2	13	23	23	20	28.87	cps
Gadolinium	160-1	77	107	100	94	16.68	cps
Gadolinium	160-2	23	10	13	16	44.60	cps
Holmium	165-1	9305177	9355941	9334636	9331918	0.27	cps
Holmium	165-2	4002853	3998605	4121348	4040935	1.72	cps
Indium	115-1	8803910	8739456	8876191	8806519	0.78	cps
Indium	115-2	1113167	1104881	1120259	1112769	0.69	cps
Iron	54-2	1863	1907	1703	1825	5.87	cps
Iron	56-2	25219	24678	24795	24897	1.14	cps
Iron	57-2	593	593	510	566	8.51	cps
Krypton	83-1	460	413	497	457	9.15	cps
Lead	206-1	4297	4181	3584	4021	9.52	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:02:06	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3741	3491	3110	3447	9.21	cps
Lead	208-1	16844	15514	14317	15558	8.13	cps
Lithium	6-1	3057305	2992127	2939438	2996290	1.97	cps
Magnesium	24-2	1643	1600	1367	1537	9.68	cps
Manganese	55-2	4988	4891	5298	5059	4.20	cps
Molybdenum	94-1	3474	3247	2957	3226	8.03	cps
Molybdenum	95-1	2634	2360	1997	2330	13.71	cps
Molybdenum	96-1	3350	2840	2310	2834	18.36	cps
Molybdenum	97-1	1657	1227	1120	1335	21.29	cps
Molybdenum	98-1	4244	3270	2867	3460	20.46	cps
Neodymium	150-1	13	20	23	19	26.96	cps
Neodymium	150-2	3	13	0	6	124.93	cps
Nickel	60-2	1157	1140	1067	1121	4.27	cps
Phosphorus	31-2	127	150	150	142	9.47	cps
Potassium	39-2	37616	36346	36138	36700	2.18	cps
Rhodium	103-1	8433813	8567893	8433431	8478379	0.91	cps
Rhodium	103-2	4041870	3986999	3880880	3969916	2.06	cps
Scandium	45-1	6036610	5962801	6090278	6029897	1.06	cps
Scandium	45-2	157878	158139	157115	157711	0.34	cps
Selenium	82-1	27	3	-27	1	2401.76	cps
Selenium	77-2	0	13	3	6	124.93	cps
Selenium	78-2	30	27	47	34	31.11	cps
Silicon	28-1	941302	866368	842590	883420	5.83	cps
Silver	107-1	2040	1783	1407	1743	18.27	cps
Silver	109-1	1923	1774	1280	1659	20.29	cps
Sodium	23-2	200663	196082	191468	196071	2.34	cps
Strontium	86-1	843	797	830	823	2.92	cps
Strontium	88-1	2137	1980	1577	1898	15.22	cps
Sulfur	34-1	802693	801731	799047	801157	0.24	cps
Terbium	159-1	9728304	9920653	9760417	9803125	1.05	cps
Terbium	159-2	4074886	4003151	3922748	4000261	1.90	cps
Thallium	203-1	1110	1040	900	1017	10.52	cps
Thallium	205-1	2777	2480	2214	2490	11.32	cps
Tin	118-1	4934	5322	4888	5048	4.72	cps
Titanium	47-1	1010	837	733	860	16.26	cps
Uranium	238-1	970	787	543	767	27.92	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:02:06	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	57	60	60	59	3.26	cps
Ytterbium	172-1	70	43	53	56	24.25	cps
Ytterbium	172-2	23	30	40	31	26.97	cps
Ytterbium	176-1	1270	1200	1277	1249	3.40	cps
Ytterbium	176-2	293	287	277	286	2.94	cps
Yttrium	89-1	16141990	16053406	16016927	16070774	0.40	cps
Yttrium	89-2	1581904	1535413	1512156	1543158	2.30	cps
Zinc	66-2	2790	2747	2760	2766	0.80	cps
Zirconium	90-1	5191	4771	4818	4926	4.67	cps
Zirconium	91-1	1070	1037	1037	1048	1.84	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-02DL2X10	Instrumnet Name :	P8
Client Sample ID :	3809DL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-02 18:05:36	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	284261	282597	279620	282159	0.83	cps
Antimony	121-1	1312059	1317276	1352239	1327191	1.65	cps
Arsenic	75-2	1560	1700	1690	1650	4.73	cps
Barium	135-1	429683	437624	442578	436629	1.49	cps
Barium	137-1	742067	756878	763177	754041	1.44	cps
Beryllium	9-1	9894	9900	10462	10086	3.23	cps
Bismuth	209-1	4977055	5299228	5044855	5107046	3.33	cps
Bismuth	209-2	2671603	2644164	2668922	2661563	0.57	cps
Bromine	81-1	192035	201196	208245	200492	4.05	cps
Cadmium	108-1	3447	3387	3544	3459	2.29	cps
Cadmium	106-1	11498	12202	11668	11790	3.12	cps
Cadmium	111-1	27053	28225	28927	28068	3.37	cps
Calcium	43-1	23826208	24457799	25051847	24445285	2.51	cps
Calcium	44-1	395770767	402314194	396804847	398296603	0.88	cps
Carbon	12-1	165329771	189062684	208916270	187769575	11.62	cps
Carbon	12-2	1458841	1387789	1404236	1416955	2.62	cps
Chlorine	35-1	127437711	139826445	144676751	137313636	6.47	cps
Chlorine	35-2	890179	886644	888114	888312	0.20	cps
Chromium	52-2	133624	133274	128797	131898	2.04	cps
Cobalt	59-2	45790	44981	44590	45120	1.36	cps
Copper	63-2	1788051	1803438	1723403	1771631	2.40	cps
Dysprosium	156-1	4821	4958	5054	4944	2.37	cps
Dysprosium	156-2	1880	1830	1997	1902	4.50	cps
Erbium	164-1	4351	4571	4821	4581	5.14	cps
Erbium	164-2	2034	1733	1767	1845	8.92	cps
Gadolinium	160-1	4477	4334	4691	4501	3.99	cps
Gadolinium	160-2	2067	2110	2107	2095	1.15	cps
Holmium	165-1	9128642	9869016	9295608	9431089	4.12	cps
Holmium	165-2	4276085	4114643	4205967	4198898	1.93	cps
Indium	115-1	8333530	8817223	8400651	8517135	3.08	cps
Indium	115-2	1121142	1107754	1113702	1114199	0.60	cps
Iron	54-2	1306769	1340714	1278182	1308555	2.39	cps
Iron	56-2	24552114	25008235	24273060	24611136	1.51	cps
Iron	57-2	596440	599173	585066	593560	1.26	cps
Krypton	83-1	613	587	717	639	10.75	cps
Lead	206-1	13168466	13255301	13409536	13277768	0.92	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-02DL2X10	Instrumnet Name :	P8
Client Sample ID :	3809DL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-02 18:05:36	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11122921	11362857	11331929	11272569	1.16	cps
Lead	208-1	51383313	52037325	52606747	52009129	1.18	cps
Lithium	6-1	2803876	2992221	2895492	2897197	3.25	cps
Magnesium	24-2	1487453	1493625	1477865	1486314	0.53	cps
Manganese	55-2	119936	120893	118803	119877	0.87	cps
Molybdenum	94-1	485709	492504	502322	493512	1.69	cps
Molybdenum	95-1	529540	539730	551549	540273	2.04	cps
Molybdenum	96-1	606102	611892	617917	611970	0.97	cps
Molybdenum	97-1	328552	328678	338867	332032	1.78	cps
Molybdenum	98-1	837634	869054	885108	863932	2.80	cps
Neodymium	150-1	6845	7075	6675	6865	2.93	cps
Neodymium	150-2	2117	2170	2100	2129	1.72	cps
Nickel	60-2	1856507	1838696	1787435	1827546	1.96	cps
Phosphorus	31-2	18155	17574	17641	17790	1.79	cps
Potassium	39-2	5798673	5780187	5667034	5748631	1.24	cps
Rhodium	103-1	7746976	8069027	7721706	7845903	2.47	cps
Rhodium	103-2	3683763	3681978	3757555	3707765	1.16	cps
Scandium	45-1	6108580	6472289	6286765	6289211	2.89	cps
Scandium	45-2	168515	170229	170211	169652	0.58	cps
Selenium	82-1	670	630	590	630	6.35	cps
Selenium	77-2	40	20	10	23	65.47	cps
Selenium	78-2	113	113	93	107	10.83	cps
Silicon	28-1	134662848	136729218	141345888	137579318	2.49	cps
Silver	107-1	56174	56840	57242	56752	0.95	cps
Silver	109-1	51589	53099	54929	53206	3.14	cps
Sodium	23-2	379492541	373681701	364297648	372490630	2.06	cps
Strontium	86-1	3014714	3034029	3119310	3056018	1.82	cps
Strontium	88-1	25951179	25863985	26789731	26201632	1.95	cps
Sulfur	34-1	1935345	1975909	1964108	1958454	1.07	cps
Terbium	159-1	9701468	10126402	9671622	9833164	2.59	cps
Terbium	159-2	4064685	4090306	4044611	4066534	0.56	cps
Thallium	203-1	75873	77915	79548	77779	2.37	cps
Thallium	205-1	180688	183130	188124	183980	2.06	cps
Tin	118-1	342349	349540	355762	349217	1.92	cps
Titanium	47-1	294388	302390	304502	300427	1.78	cps
Uranium	238-1	46067	44906	46956	45976	2.24	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	Q1659-02DL2X10	Instrumnet Name :	P8
Client Sample ID :	3809DL2	Dilution Factor :	10
Date & Time Acquired :	2025-04-02 18:05:36	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	50248	50278	48823	49783	1.67	cps
Ytterbium	172-1	1643	1540	1677	1620	4.40	cps
Ytterbium	172-2	697	737	753	729	4.00	cps
Ytterbium	176-1	2770	2787	2984	2847	4.17	cps
Ytterbium	176-2	1073	910	1067	1017	9.09	cps
Yttrium	89-1	16193255	16924588	15975595	16364479	3.04	cps
Yttrium	89-2	1582798	1596303	1658749	1612616	2.51	cps
Zinc	66-2	15217698	15096491	14674348	14996179	1.90	cps
Zirconium	90-1	514183	515013	520559	516585	0.67	cps
Zirconium	91-1	114640	113853	115128	114540	0.56	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:08:48	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7849408	7988083	8081915	7973135	1.47	cps
Antimony	121-1	16158518	16231181	16000416	16130038	0.73	cps
Arsenic	75-2	464314	460583	463214	462704	0.41	cps
Barium	135-1	19321346	19394147	19026521	19247338	1.01	cps
Barium	137-1	33034875	33433379	33161576	33209943	0.61	cps
Beryllium	9-1	3921858	4012827	4046628	3993771	1.62	cps
Bismuth	209-1	4726630	4710681	4726825	4721379	0.20	cps
Bismuth	209-2	2387542	2445496	2410216	2414418	1.21	cps
Bromine	81-1	26592	25670	25844	26035	1.88	cps
Cadmium	108-1	321511	320902	323603	322005	0.44	cps
Cadmium	106-1	462531	469284	466209	466008	0.73	cps
Cadmium	111-1	4070904	4128541	4141597	4113680	0.91	cps
Calcium	43-1	27883910	27492616	27923847	27766791	0.86	cps
Calcium	44-1	454571193	449738047	455429740	453246327	0.68	cps
Carbon	12-1	19547703	17954047	16452469	17984740	8.61	cps
Carbon	12-2	115281	109796	103753	109610	5.26	cps
Chlorine	35-1	5586634	5298458	4941813	5275635	6.12	cps
Chlorine	35-2	26291	24217	23526	24678	5.83	cps
Chromium	52-2	4802711	4834444	4868230	4835128	0.68	cps
Cobalt	59-2	8279235	8255713	8319276	8284741	0.39	cps
Copper	63-2	66527207	67148036	67420552	67031932	0.68	cps
Dysprosium	156-1	807	860	827	831	3.24	cps
Dysprosium	156-2	277	243	253	258	6.63	cps
Erbium	164-1	817	813	667	766	11.19	cps
Erbium	164-2	307	293	340	313	7.67	cps
Gadolinium	160-1	633	567	603	601	5.55	cps
Gadolinium	160-2	237	283	257	259	9.04	cps
Holmium	165-1	8883106	8990933	8874088	8916043	0.73	cps
Holmium	165-2	3901019	3967314	3947604	3938646	0.86	cps
Indium	115-1	7605825	7538063	7688338	7610742	0.99	cps
Indium	115-2	969999	967239	965827	967688	0.22	cps
Iron	54-2	47514211	47097816	46218151	46943393	1.41	cps
Iron	56-2	860407027	854085107	860160627	858217587	0.42	cps
Iron	57-2	21428795	21597364	21806551	21610903	0.88	cps
Krypton	83-1	487	483	487	486	0.40	cps
Lead	206-1	50600043	50514304	49051011	50055119	1.74	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:08:48	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	42965683	43091111	41902939	42653244	1.53	cps
Lead	208-1	195509347	197850814	194305211	195888457	0.92	cps
Lithium	6-1	2661480	2699281	2695264	2685342	0.77	cps
Magnesium	24-2	135903808	134715635	137680401	136099948	1.10	cps
Manganese	55-2	22945169	23070217	23001303	23005563	0.27	cps
Molybdenum	94-1	59830049	61250204	61980359	61020204	1.79	cps
Molybdenum	95-1	87003332	89263709	87710719	87992586	1.31	cps
Molybdenum	96-1	95638642	98156889	95913712	96569747	1.43	cps
Molybdenum	97-1	53072491	54373776	53773599	53739955	1.21	cps
Molybdenum	98-1	138537635	139599958	142835271	140324288	1.60	cps
Neodymium	150-1	1410	1413	1487	1437	3.02	cps
Neodymium	150-2	130	170	173	158	15.28	cps
Nickel	60-2	2284132	2262172	2343337	2296547	1.83	cps
Phosphorus	31-2	86543	87113	86157	86604	0.56	cps
Potassium	39-2	53463253	52637984	52116276	52739171	1.29	cps
Rhodium	103-1	7162431	7200804	7292079	7218438	0.92	cps
Rhodium	103-2	3354833	3329051	3361659	3348514	0.51	cps
Scandium	45-1	5753403	5844629	6020779	5872937	2.31	cps
Scandium	45-2	160327	162225	159862	160805	0.78	cps
Selenium	82-1	258394	262358	259042	259931	0.82	cps
Selenium	77-2	6515	6231	6582	6443	2.89	cps
Selenium	78-2	21587	22061	21830	21826	1.09	cps
Silicon	28-1	57863727	58614957	58447789	58308825	0.68	cps
Silver	107-1	20531926	20490014	20571918	20531286	0.20	cps
Silver	109-1	19206736	19498169	19139746	19281550	0.99	cps
Sodium	23-2	280379229	277695983	281422816	279832676	0.69	cps
Strontium	86-1	5588693	5745271	5697357	5677107	1.41	cps
Strontium	88-1	49684906	50000383	49014294	49566528	1.02	cps
Sulfur	34-1	2154525	2172976	2174890	2167464	0.52	cps
Terbium	159-1	9076478	9290097	9430043	9265539	1.92	cps
Terbium	159-2	3741996	3727597	3776412	3748668	0.67	cps
Thallium	203-1	12786126	12762339	12281606	12610024	2.26	cps
Thallium	205-1	29412966	30126028	29508037	29682344	1.30	cps
Tin	118-1	12800980	12756080	13170457	12909172	1.76	cps
Titanium	47-1	26139927	26055511	26608716	26268052	1.13	cps
Uranium	238-1	36839458	37777499	37374885	37330614	1.26	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:08:48	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3870520	3776494	3779995	3809003	1.40	cps
Ytterbium	172-1	1060	1113	1053	1076	3.06	cps
Ytterbium	172-2	537	493	550	527	5.63	cps
Ytterbium	176-1	64191	64640	64587	64473	0.38	cps
Ytterbium	176-2	26897	27355	28117	27456	2.24	cps
Yttrium	89-1	15050484	15135367	15129561	15105137	0.31	cps
Yttrium	89-2	1508185	1490278	1495441	1497968	0.62	cps
Zinc	66-2	8128887	8159399	8125195	8137827	0.23	cps
Zirconium	90-1	30677675	30848392	30946649	30824238	0.44	cps
Zirconium	91-1	6861570	6921045	6898828	6893814	0.44	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:11:42	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	527	473	370	457	17.44	cps
Antimony	121-1	3957	3320	3057	3445	13.44	cps
Arsenic	75-2	23	20	50	31	52.86	cps
Barium	135-1	703	593	503	600	16.69	cps
Barium	137-1	1197	910	1043	1050	13.66	cps
Beryllium	9-1	346	252	247	282	19.76	cps
Bismuth	209-1	5635845	5555731	5578501	5590026	0.74	cps
Bismuth	209-2	2889157	2913185	2941925	2914756	0.91	cps
Bromine	81-1	24799	24739	23997	24512	1.82	cps
Cadmium	108-1	30	17	23	23	28.56	cps
Cadmium	106-1	6148	6121	6135	6135	0.22	cps
Cadmium	111-1	4493	4400	4495	4462	1.21	cps
Calcium	43-1	2984	2530	2660	2725	8.57	cps
Calcium	44-1	78376	73690	75178	75748	3.16	cps
Carbon	12-1	8325257	7983498	7806111	8038289	3.28	cps
Carbon	12-2	52714	52232	51988	52312	0.71	cps
Chlorine	35-1	2649314	2472939	2373055	2498436	5.60	cps
Chlorine	35-2	12122	11485	11611	11739	2.87	cps
Chromium	52-2	1857	2177	2090	2041	8.11	cps
Cobalt	59-2	237	237	150	208	24.08	cps
Copper	63-2	5528	4994	5144	5222	5.27	cps
Dysprosium	156-1	23	7	7	12	78.69	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	67	77	67	70	8.25	cps
Erbium	164-2	27	33	23	28	18.33	cps
Gadolinium	160-1	50	100	97	82	34.00	cps
Gadolinium	160-2	13	40	17	23	62.27	cps
Holmium	165-1	9705925	9487754	9431187	9541622	1.52	cps
Holmium	165-2	4056938	4122272	4181935	4120382	1.52	cps
Indium	115-1	8846285	8893019	9054091	8931132	1.22	cps
Indium	115-2	1136621	1131814	1162126	1143520	1.42	cps
Iron	54-2	2197	2064	2167	2142	3.27	cps
Iron	56-2	32477	30232	28990	30566	5.78	cps
Iron	57-2	677	763	623	688	10.27	cps
Krypton	83-1	477	437	397	437	9.16	cps
Lead	206-1	4868	4427	4648	4648	4.74	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:11:42	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4307	3564	3574	3815	11.18	cps
Lead	208-1	19352	17015	16661	17676	8.27	cps
Lithium	6-1	3010459	2982539	3013902	3002300	0.57	cps
Magnesium	24-2	2534	2087	1793	2138	17.43	cps
Manganese	55-2	5358	5204	5361	5308	1.69	cps
Molybdenum	94-1	4181	3360	3570	3704	11.50	cps
Molybdenum	95-1	3661	2547	2514	2907	22.46	cps
Molybdenum	96-1	4171	3020	3300	3497	17.15	cps
Molybdenum	97-1	2250	1653	1530	1811	21.26	cps
Molybdenum	98-1	5685	3917	4111	4571	21.21	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	1170	1067	1123	1120	4.62	cps
Phosphorus	31-2	107	107	107	107	0.00	cps
Potassium	39-2	39093	38906	37632	38544	2.06	cps
Rhodium	103-1	8558369	8554945	8499350	8537555	0.39	cps
Rhodium	103-2	3968516	3988854	4059863	4005744	1.20	cps
Scandium	45-1	6141646	6023894	6161729	6109090	1.22	cps
Scandium	45-2	159279	159629	164277	161062	1.73	cps
Selenium	82-1	-17	43	37	21	155.79	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	50	33	40	41	20.41	cps
Silicon	28-1	764143	832937	806402	801161	4.33	cps
Silver	107-1	2690	2100	1757	2182	21.63	cps
Silver	109-1	2500	1997	1653	2050	20.77	cps
Sodium	23-2	188872	186478	181564	185638	2.01	cps
Strontium	86-1	957	890	830	892	7.10	cps
Strontium	88-1	2067	1984	2014	2021	2.09	cps
Sulfur	34-1	772281	768574	769466	770107	0.25	cps
Terbium	159-1	9785766	9924298	9908124	9872729	0.77	cps
Terbium	159-2	4028115	4090598	4077149	4065287	0.81	cps
Thallium	203-1	1177	967	837	993	17.27	cps
Thallium	205-1	2834	2604	2240	2559	11.69	cps
Tin	118-1	5188	4968	4828	4994	3.64	cps
Titanium	47-1	1023	893	833	917	10.60	cps
Uranium	238-1	1183	850	797	943	22.21	cps

LB Number :	LB135272	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-04-02 18:11:42	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	123	73	63	87	37.10	cps
Ytterbium	172-1	47	70	60	59	19.88	cps
Ytterbium	172-2	17	33	40	30	40.05	cps
Ytterbium	176-1	1160	1320	1090	1190	9.91	cps
Ytterbium	176-2	260	260	310	277	10.43	cps
Yttrium	89-1	16221791	16189324	16173124	16194746	0.15	cps
Yttrium	89-2	1599810	1600795	1599541	1600049	0.04	cps
Zinc	66-2	3097	3067	3134	3099	1.08	cps
Zirconium	90-1	5501	5228	5374	5368	2.55	cps
Zirconium	91-1	1127	1183	1130	1147	2.77	cps