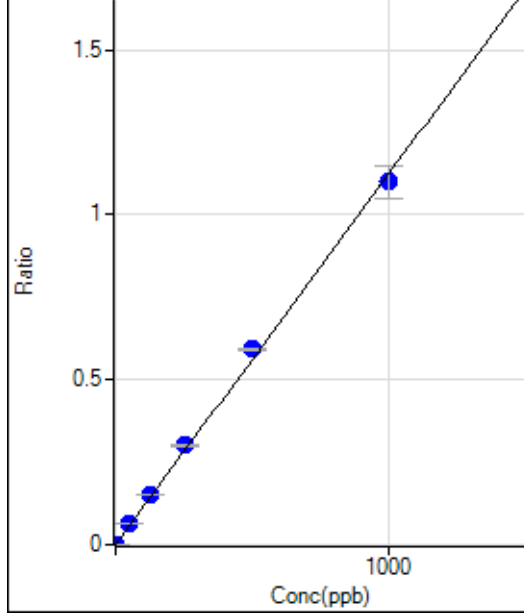


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7072425-MS.b\
Analysis File: P7072425-MS.batch.bin
DA Date-Time: 2025-07-24 12:47:25
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-07-24 10:42:36
2	006CALS.d	S02	2025-07-24 10:49:12
3	007CALS.d	S03	2025-07-24 10:52:29
4	008CALS.d	S04	2025-07-24 10:55:38
5	009CALS.d	S05	2025-07-24 10:58:36
6	010CALS.d	S06	2025-07-24 11:01:29
7	011CALS.d	S07	2025-07-24 11:04:14
8	012CALS.d	S08	2025-07-24 11:07:03

Calibration for 011CAL.S.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.2
2	☐	1.000	1.152	931.15	0.0013	P	3.1
3	☐	50.000	56.084	44873.56	0.0630	P	0.6
4	☐	125.000	136.071	110785.19	0.1528	P	1.8
5	☐	250.000	267.678	215744.89	0.3005	P	1.2
6	☐	500.000	528.311	425217.84	0.5931	P	0.6
7	☐	1000.000	979.737	808430.34	1.0999	P	8.8
8	☐			100.00	0.0001	P	18.8

$$y = 0.0011 * x + 4.8147E-006$$

$$R = 0.9992$$

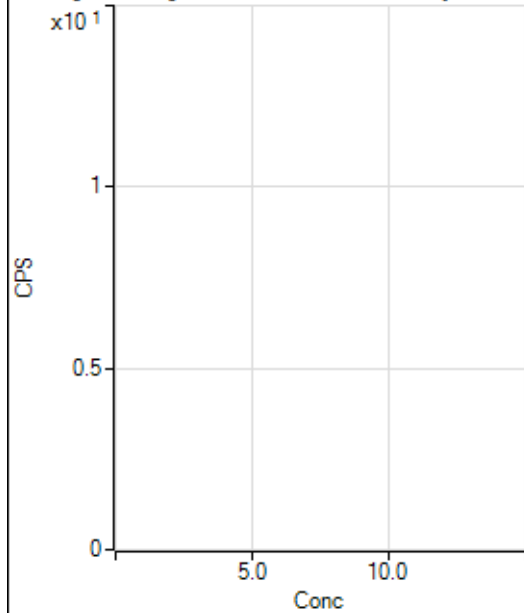
$$DL = 0.01276$$

$$BEC = 0.004289$$

Weight: <None>

Min Conc: <None>

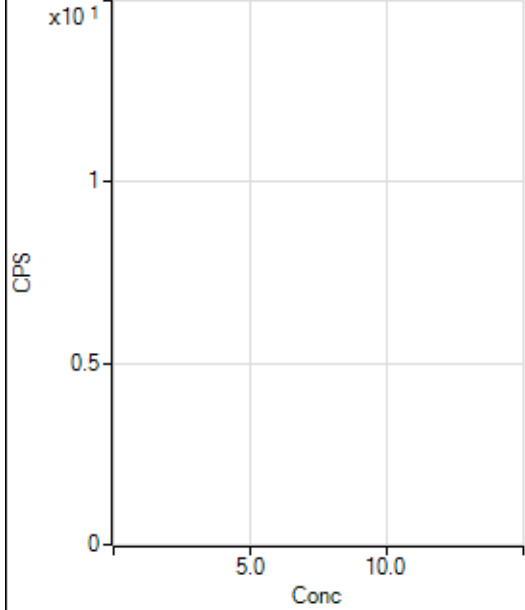
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

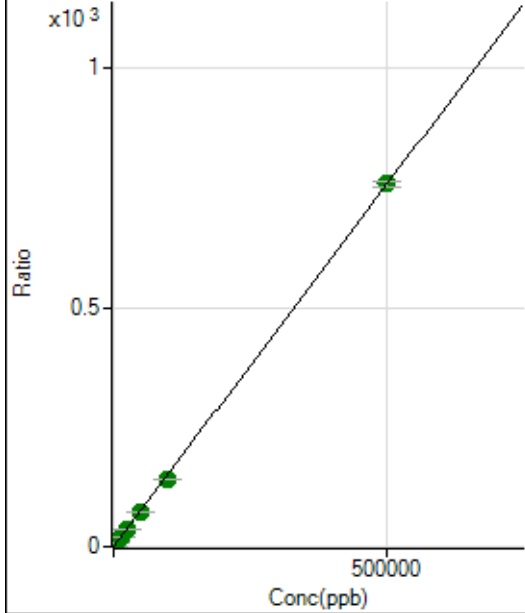
Calibration for 011CAL5.d

12 C [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21018.88	0.0619	P	1.3
2	☐	500.000	394.561	225428.56	0.6588	P	0.7
3	☐	5000.000	4932.919	2525984.41	7.5244	A	0.5
4	☐	12500.000	12273.243	6324185.67	18.6288	A	0.7
5	☐	25000.000	24150.911	12397341.90	36.5972	A	1.4
6	☐	50000.000	47342.321	24739152.96	71.6810	A	0.5
7	☐	100000.00	93774.449	50100298.14	141.9232	A	0.3
8	☐	500000.00	501559.77	272006575.9	758.8177	A	1.3

$$y = 0.0015 * x + 0.0619$$

$$R = 0.9999$$

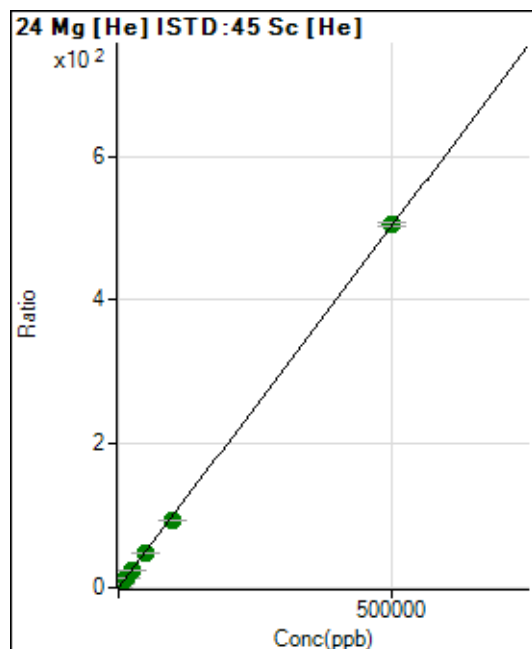
$$DL = 1.592$$

$$BEC = 40.92$$

Weight: <None>

Min Conc: <None>

Calibration for 011CALS.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.22	0.0007	P	13.4
2	☐	500.000	386.809	133325.03	0.3896	P	0.3
3	☐	5000.000	4956.202	1673207.14	4.9845	A	2.5
4	☐	12500.000	12080.532	4124179.73	12.1485	A	0.4
5	☐	25000.000	23989.689	8171994.60	24.1239	A	1.3
6	☐	50000.000	46760.553	16228152.12	47.0216	A	0.8
7	☐	100000.00	93014.118	33015958.40	93.5328	A	0.4
8	☐	500000.00	501782.67	180871343.9	504.5779	A	0.9

$$y = 0.0010 * x + 6.5435E-004$$

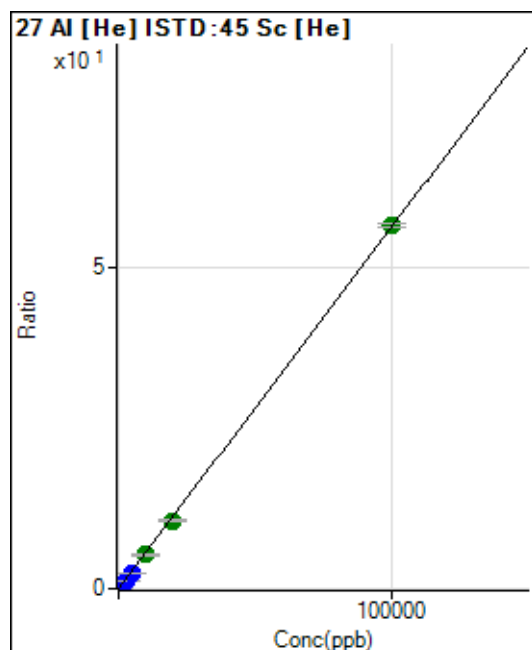
$$R = 0.9999$$

$$DL = 0.2617$$

$$BEC = 0.6507$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	413.35	0.0012	P	10.0
2	☐	20.000	15.724	3450.42	0.0101	P	2.4
3	☐	1000.000	873.865	165815.81	0.4939	P	0.3
4	☐	2500.000	2123.757	406925.48	1.1987	P	0.6
5	☐	5000.000	4200.399	802696.11	2.3695	P	0.4
6	☐	10000.000	9316.306	1813313.83	5.2541	A	0.3
7	☐	20000.000	18813.490	3744673.03	10.6089	A	1.4
8	☐	100000.00	100356.32	20283815.39	56.5856	A	1.2

$$y = 5.6383E-004 * x + 0.0012$$

$$R = 0.9999$$

$$DL = 0.6474$$

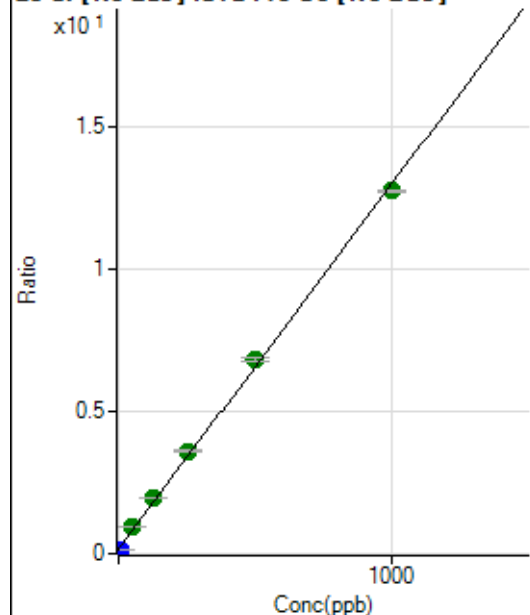
$$BEC = 2.159$$

Weight: <None>

Min Conc: <None>

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	628210.77	0.1649	P	1.7
2	☐	10.000	-0.101	635345.51	0.1636	P	0.8
3	☐	50.000	60.628	3600897.62	0.9421	A	1.1
4	☐	125.000	140.623	7600146.48	1.9676	A	0.9
5	☐	250.000	269.142	13865515.35	3.6151	A	0.9
6	☐	500.000	521.804	26506148.22	6.8541	A	2.0
7	☐	1000.000	981.929	50828644.24	12.7526	A	0.4
8	☐			722677.42	0.1792	P	0.6

$$y = 0.0128 * x + 0.1649$$

$$R = 0.9992$$

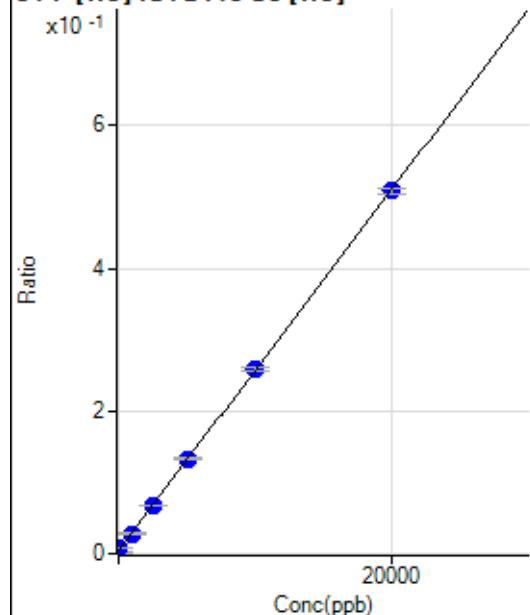
$$DL = 0.6519$$

$$BEC = 12.86$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-130.563	467.79	0.0014	P	9.7
2	☐	0.000	130.563	2728.05	0.0080	P	5.2
3	☐	1000.000	929.948	9456.35	0.0282	P	2.0
4	☐	2500.000	2468.015	22752.60	0.0670	P	0.7
5	☐	5000.000	5074.312	45006.20	0.1329	P	1.4
6	☐	10000.000	10092.935	89601.91	0.2596	P	2.3
7	☐	20000.000	19942.455	179459.99	0.5084	P	1.8
8	☐			515.57	0.0014	P	11.0

$$y = 2.5261E-005 * x + 0.0047$$

$$R = 0.9999$$

$$DL = 32.6$$

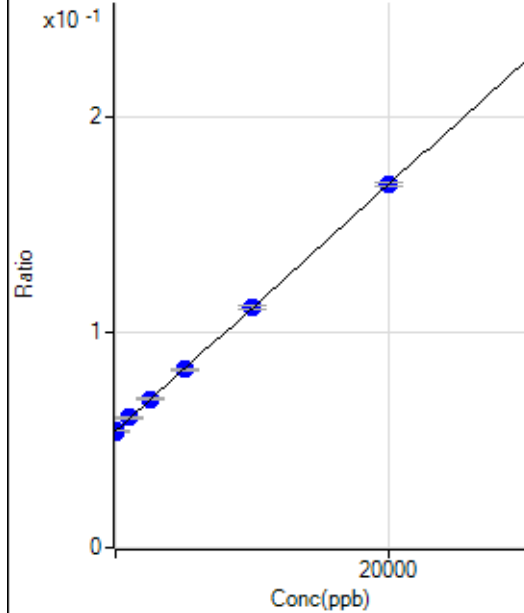
$$BEC = 185.1$$

Weight: <None>

Min Conc: <None>

Calibration for 011CAL.S.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-43.533	205678.98	0.0540	P	1.9
2	☐	0.000	43.533	211601.81	0.0545	P	0.5
3	☐	1000.000	1102.161	231498.20	0.0606	P	0.9
4	☐	2500.000	2585.312	266841.70	0.0691	P	0.9
5	☐	5000.000	5028.534	318733.10	0.0831	P	1.2
6	☐	10000.000	10042.691	432680.30	0.1119	P	1.7
7	☐	20000.000	19955.749	672673.35	0.1688	P	0.9
8	☐			175356.68	0.0435	P	1.4

$$y = 5.7390E-006 * x + 0.0542$$

R = 1.0000

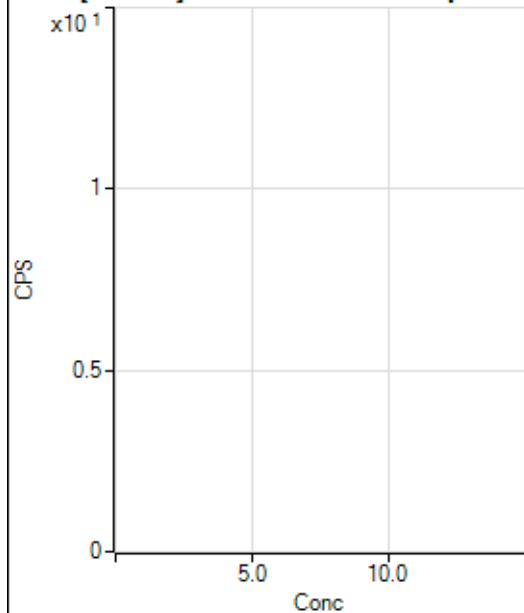
DL = 343.7

BEC = 9452

Weight: <None>

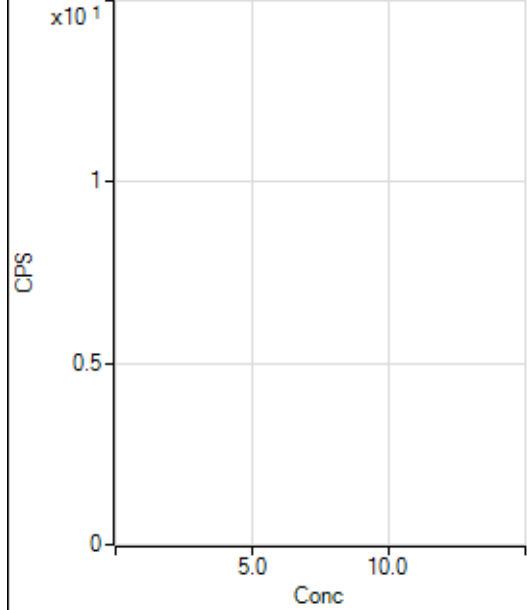
Min Conc: <None>

35 Cl [No Gas] No available calibration points



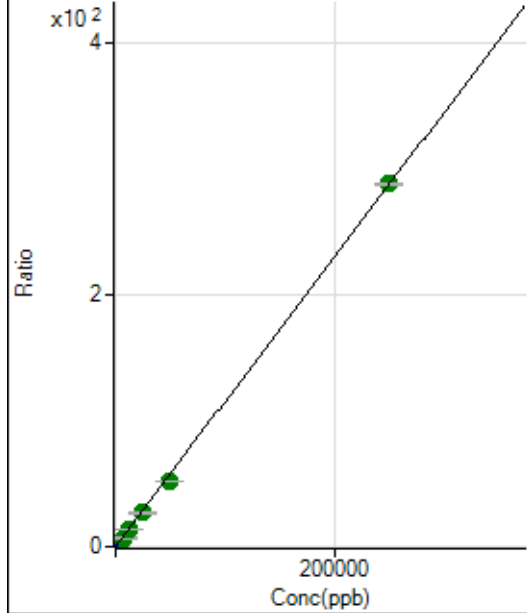
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	64905.50	0.1912	P	0.7
2	☐	500.000	399.058	221966.52	0.6487	P	1.0
3	☐	2500.000	2156.845	894317.52	2.6640	P	0.6
4	☐	6250.000	5819.689	2330086.04	6.8634	A	0.4
5	☐	12500.000	11627.232	4580584.86	13.5218	A	1.9
6	☐	25000.000	23262.493	9270490.77	26.8617	A	1.4
7	☐	50000.000	45632.593	18535717.92	52.5091	A	0.0
8	☐	250000.00	251105.26	103266270.6	288.0842	A	0.2

$$y = 0.0011 * x + 0.1912$$

$$R = 0.9998$$

$$DL = 3.439$$

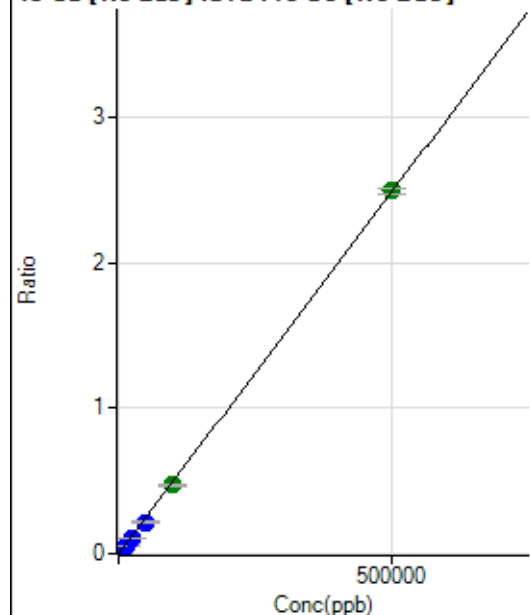
$$BEC = 166.7$$

Weight: <None>

Min Conc: <None>

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	268.90	0.0001	P	10.4
2	☐	500.000	407.967	8140.02	0.0021	P	3.2
3	☐	5000.000	4406.699	83913.76	0.0220	P	0.3
4	☐	12500.000	10830.502	208016.30	0.0539	P	2.4
5	☐	25000.000	21650.433	412647.70	0.1076	P	1.5
6	☐	50000.000	43274.989	831314.09	0.2150	P	3.3
7	☐	100000.00	95201.078	1884690.16	0.4729	A	2.0
8	☐	500000.00	501847.52	10053067.84	2.4924	A	1.8

$$y = 4.9663E-006 * x + 7.0509E-005$$

$$R = 0.9999$$

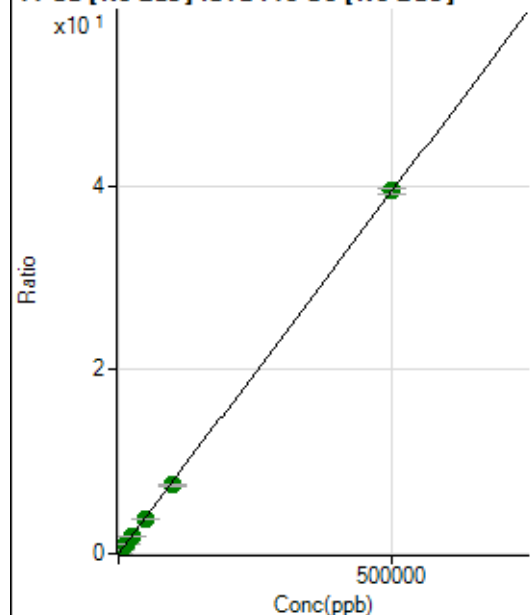
$$DL = 4.415$$

$$BEC = 14.2$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23866.77	0.0063	P	4.6
2	☐	500.000	412.035	150171.53	0.0387	P	1.8
3	☐	5000.000	4799.130	1467001.23	0.3838	A	1.6
4	☐	12500.000	11992.703	3668290.99	0.9498	A	1.6
5	☐	25000.000	24074.612	7288209.75	1.9003	A	0.9
6	☐	50000.000	48156.020	14675293.39	3.7948	A	2.0
7	☐	100000.00	94588.242	29683321.50	7.4477	A	2.0
8	☐	500000.00	501327.79	159105878.7	39.4467	A	1.3

$$y = 7.8672E-005 * x + 0.0063$$

$$R = 0.9999$$

$$DL = 11.06$$

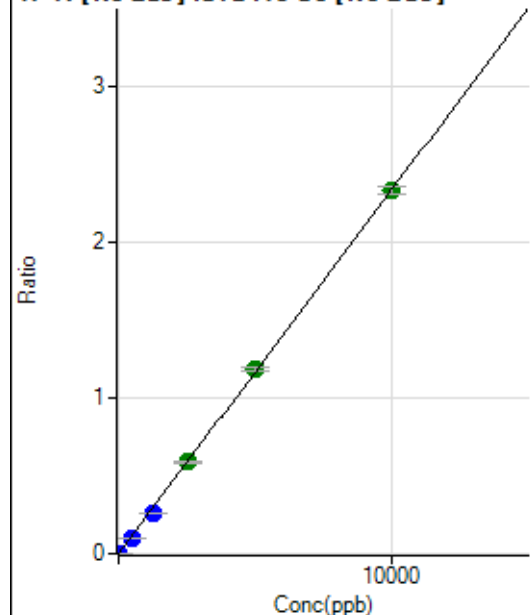
$$BEC = 79.6$$

Weight: <None>

Min Conc: <None>

Calibration for 011CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.66	0.0000	P	7.4
2	☐	5.000	4.228	3899.43	0.0010	P	7.8
3	☐	500.000	439.772	392409.96	0.1027	P	0.3
4	☐	1250.000	1095.712	987948.96	0.2558	P	1.7
5	☐	2500.000	2515.127	2251762.70	0.5871	A	1.5
6	☐	5000.000	5080.787	4586389.34	1.1860	A	2.7
7	☐	10000.000	9978.122	9283832.15	2.3292	A	2.0
8	☐			737.80	0.0002	P	11.6

$$y = 2.3343E-004 * x + 1.7488E-005$$

$$R = 0.9998$$

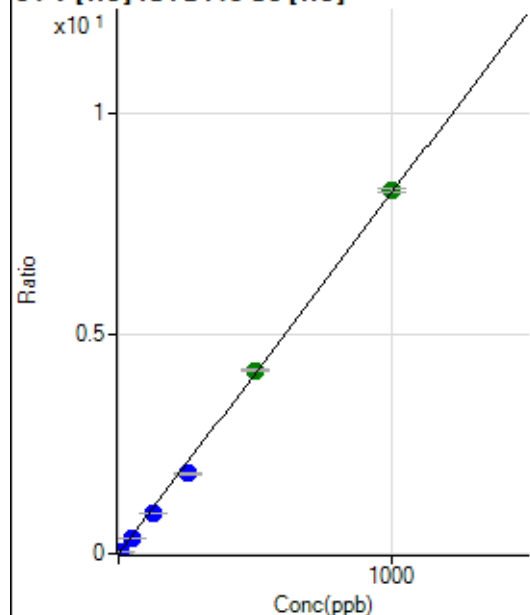
$$DL = 0.01667$$

$$BEC = 0.07492$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26.67	0.0001	P	21.7
2	☐	5.000	4.281	12038.25	0.0352	P	0.8
3	☐	50.000	45.066	124089.20	0.3696	P	0.7
4	☐	125.000	110.753	308336.39	0.9083	P	1.3
5	☐	250.000	221.155	614363.18	1.8136	P	0.3
6	☐	500.000	507.604	1436621.89	4.1625	A	0.8
7	☐	1000.000	1005.440	2910165.51	8.2449	A	1.2
8	☐			1005.60	0.0028	P	2.2

$$y = 0.0082 * x + 7.8540E-005$$

$$R = 0.9995$$

$$DL = 0.006228$$

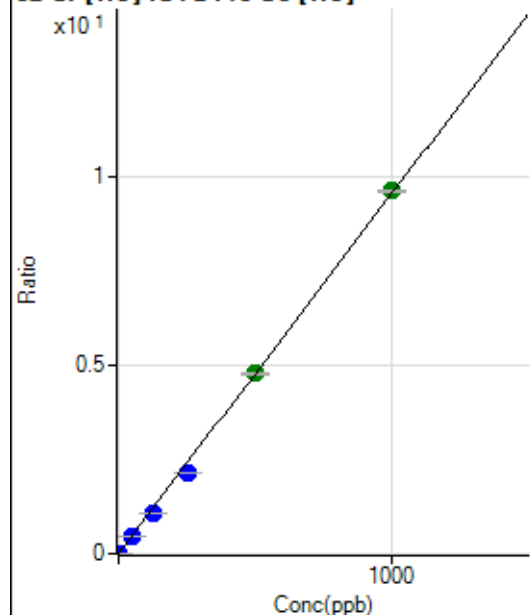
$$BEC = 0.009578$$

Weight: <None>

Min Conc: <None>

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2092.39	0.0062	P	3.6
2	☐	2.000	1.789	7961.06	0.0233	P	4.8
3	☐	50.000	45.955	149519.36	0.4454	P	1.0
4	☐	125.000	111.865	365052.73	1.0753	P	0.8
5	☐	250.000	223.784	726644.71	2.1450	P	0.1
6	☐	500.000	499.689	1650415.04	4.7821	A	0.9
7	☐	1000.000	1008.554	3404817.93	9.6457	A	0.4
8	☐			17966.34	0.0501	P	0.4

$$y = 0.0096 * x + 0.0062$$

$$R = 0.9996$$

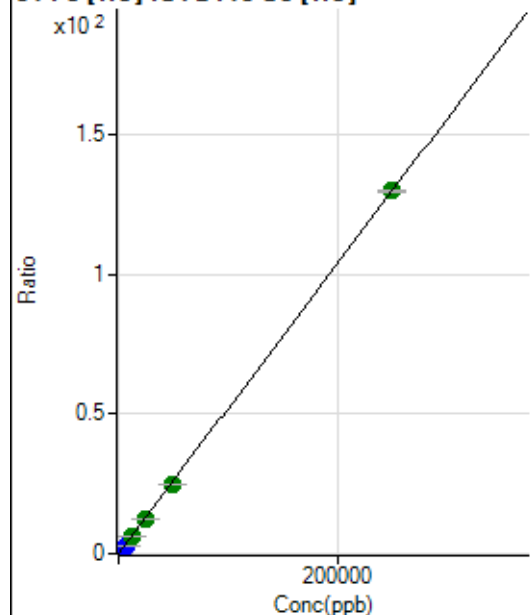
$$DL = 0.07033$$

$$BEC = 0.6448$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2616.92	0.0077	P	3.9
2	☐	50.000	42.553	10181.32	0.0298	P	0.9
3	☐	2500.000	2275.807	398376.26	1.1867	P	0.5
4	☐	6250.000	5577.444	983477.94	2.8971	P	0.9
5	☐	12500.000	12366.132	2172761.18	6.4139	A	1.2
6	☐	25000.000	23897.716	4275319.52	12.3877	A	0.7
7	☐	50000.000	47746.316	8733722.23	24.7423	A	0.6
8	☐	250000.00	250586.71	46535448.75	129.8221	A	0.6

$$y = 5.1804E-004 * x + 0.0077$$

$$R = 1.0000$$

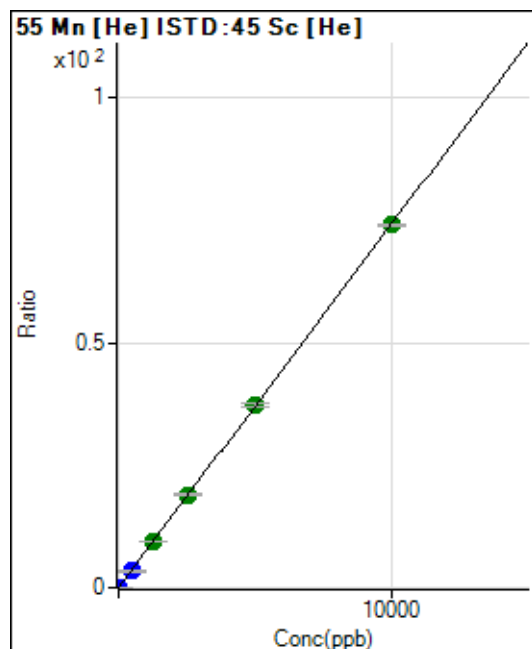
$$DL = 1.736$$

$$BEC = 14.88$$

Weight: <None>

Min Conc: <None>

Calibration for 011CALS.d



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3764.96	0.0111	P	2.3
2	☐	1.000	2.591	10375.89	0.0303	P	2.0
3	☐	500.000	450.304	1126160.10	3.3546	P	1.0
4	☐	1250.000	1276.470	3221372.42	9.4890	A	0.7
5	☐	2500.000	2558.055	6437983.17	19.0048	A	1.0
6	☐	5000.000	5016.643	12859282.03	37.2600	A	1.4
7	☐	10000.000	9976.341	26151198.22	74.0862	A	0.9
8	☐			13745.24	0.0383	P	0.5

$$y = 0.0074 * x + 0.0111$$

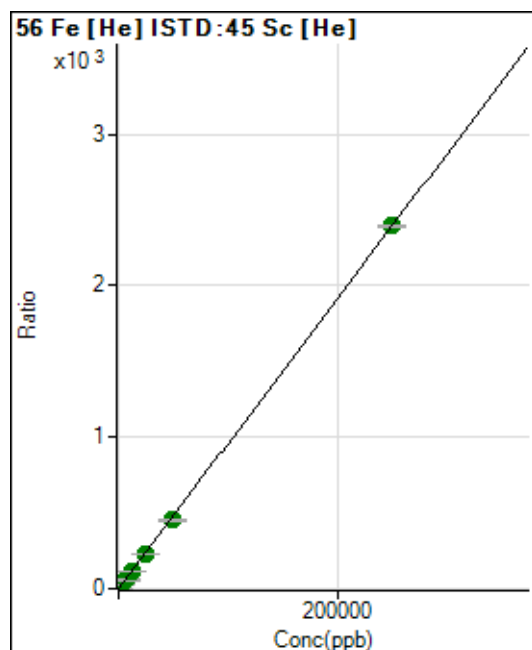
$$R = 1.0000$$

$$DL = 0.1041$$

$$BEC = 1.493$$

Weight: <None>

Min Conc: <None>



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20209.22	0.0595	P	1.2
2	☐	50.000	41.679	156610.99	0.4577	P	0.6
3	☐	2500.000	2466.505	7929875.71	23.6221	A	1.4
4	☐	6250.000	6004.783	19493444.30	57.4234	A	2.5
5	☐	12500.000	11935.830	38646020.81	114.0829	A	0.9
6	☐	25000.000	23498.403	77493286.62	224.5405	A	1.3
7	☐	50000.000	47221.817	159249209.8	451.1711	A	1.5
8	☐	250000.00	250740.47	858628431.6	2,395.391	A	0.9

$$y = 0.0096 * x + 0.0595$$

$$R = 0.9999$$

$$DL = 0.2319$$

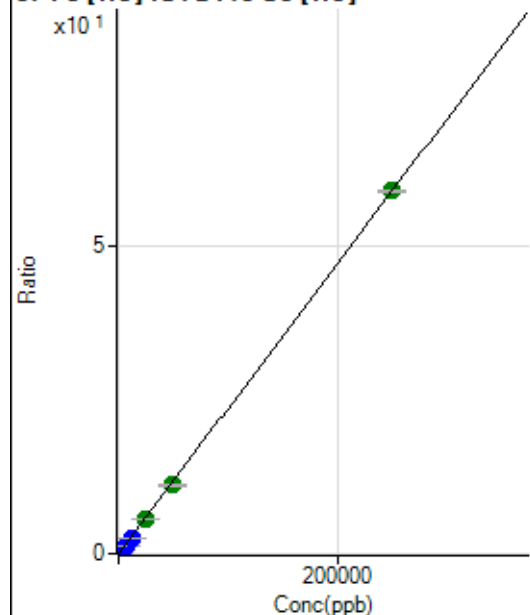
$$BEC = 6.23$$

Weight: <None>

Min Conc: <None>

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1376.74	0.0041	P	5.6
2	☐	50.000	41.111	4690.77	0.0137	P	2.6
3	☐	2500.000	2230.651	177226.52	0.5279	P	0.7
4	☐	6250.000	5418.397	433372.44	1.2766	P	0.4
5	☐	12500.000	10896.198	868240.49	2.5630	P	0.4
6	☐	25000.000	23837.099	1933428.22	5.6022	A	1.5
7	☐	50000.000	47352.440	3926331.96	11.1248	A	2.2
8	☐	250000.00	250749.47	21111191.63	58.8929	A	0.9

$$y = 2.3485E-004 * x + 0.0041$$

R = 0.9999

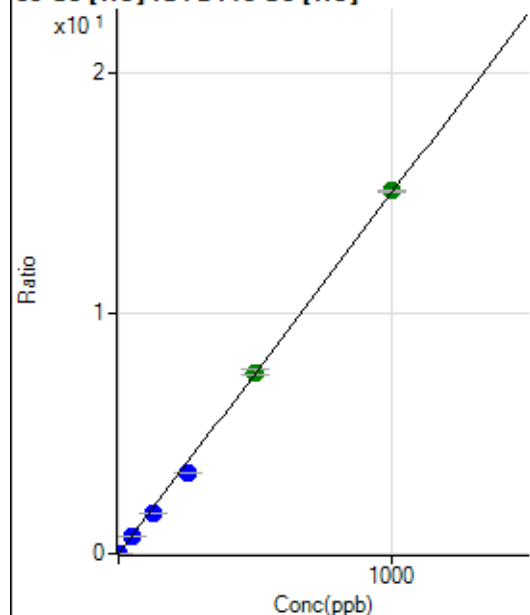
DL = 2.906

BEC = 17.26

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	65.56	0.0002	P	3.1
2	☐	1.000	0.920	4780.81	0.0140	P	5.2
3	☐	50.000	45.445	228635.56	0.6811	P	0.3
4	☐	125.000	112.142	570452.83	1.6803	P	0.5
5	☐	250.000	222.330	1128452.94	3.3312	P	0.3
6	☐	500.000	503.992	2606043.45	7.5511	A	3.1
7	☐	1000.000	1006.757	5324410.06	15.0836	A	0.3
8	☐			8793.75	0.0245	P	0.9

$$y = 0.0150 * x + 1.9308E-004$$

R = 0.9996

DL = 0.001207

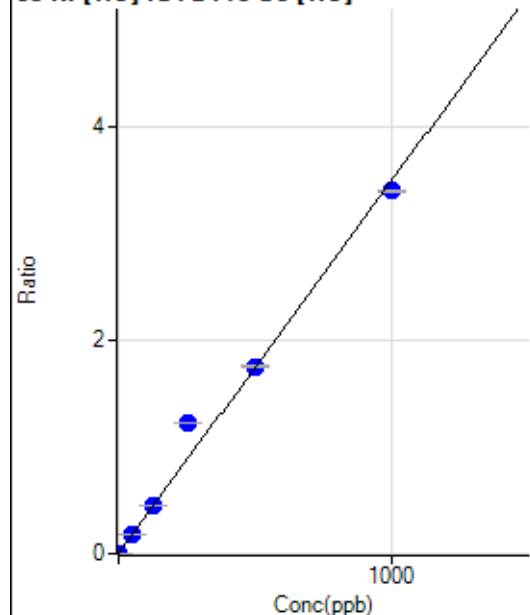
BEC = 0.01289

Weight: <None>

Min Conc: <None>

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	530.01	0.0016	P	3.1
2	☐	1.000	0.959	1677.89	0.0049	P	4.5
3	☐	50.000	51.905	61236.80	0.1824	P	1.0
4	☐	125.000	127.287	151090.47	0.4451	P	0.8
5	☐	250.000	349.448	412988.61	1.2191	P	0.8
6	☐	500.000	502.738	605091.32	1.7533	P	0.7
7	☐	1000.000	973.388	1197696.80	3.3931	P	0.8
8	☐			5285.42	0.0147	P	5.1

$$y = 0.0035 * x + 0.0016$$

$$R = 0.9940$$

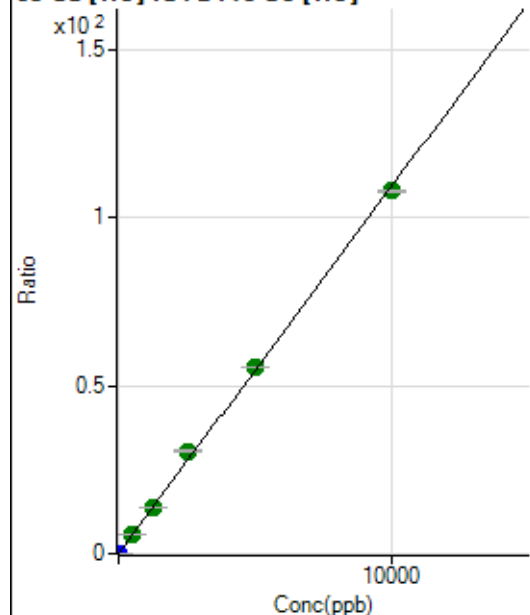
$$DL = 0.0418$$

$$BEC = 0.448$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1941.26	0.0057	P	0.8
2	☐	2.000	1.657	8147.85	0.0238	P	1.0
3	☐	500.000	519.630	1906826.22	5.6800	A	0.7
4	☐	1250.000	1267.629	4701018.37	13.8481	A	1.2
5	☐	2500.000	2800.788	10362418.53	30.5900	A	1.0
6	☐	5000.000	5080.965	19150787.91	55.4892	A	0.1
7	☐	10000.000	9881.135	38090309.99	107.9065	A	0.3
8	☐			6515.93	0.0182	P	5.4

$$y = 0.0109 * x + 0.0057$$

$$R = 0.9994$$

$$DL = 0.01274$$

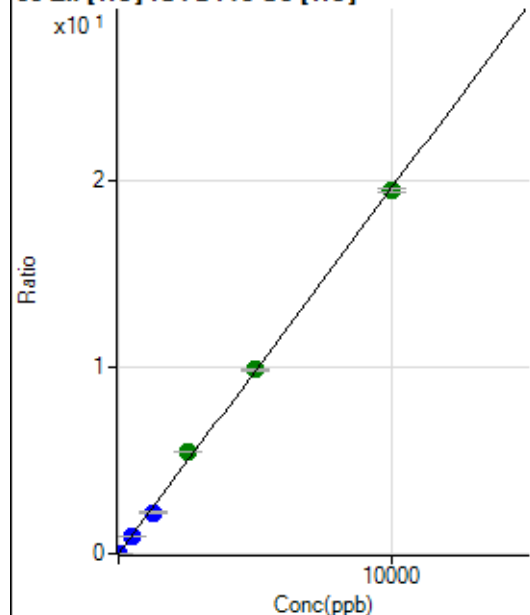
$$BEC = 0.5236$$

Weight: <None>

Min Conc: <None>

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	687.80	0.0020	P	7.7
2	☐	5.000	4.307	3572.68	0.0104	P	3.0
3	☐	500.000	464.050	305105.21	0.9089	P	1.0
4	☐	1250.000	1130.206	750460.39	2.2106	P	0.7
5	☐	2500.000	2784.060	1843702.09	5.4425	A	1.2
6	☐	5000.000	5038.165	3398667.42	9.8474	A	0.9
7	☐	10000.000	9926.675	6847908.72	19.4004	A	1.2
8	☐			3811.63	0.0106	P	3.3

$$y = 0.0020 * x + 0.0020$$

$$R = 0.9994$$

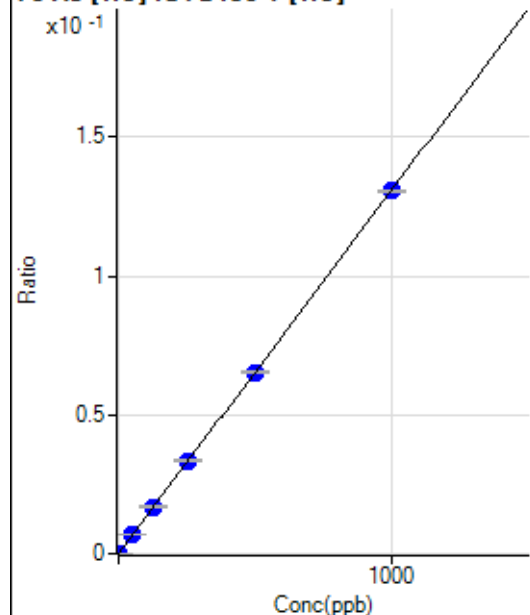
$$DL = 0.2383$$

$$BEC = 1.036$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.22	0.0000	P	41.0
2	☐	1.000	1.196	430.01	0.0002	P	5.5
3	☐	50.000	52.395	18282.47	0.0069	P	2.5
4	☐	125.000	129.290	45740.46	0.0169	P	2.6
5	☐	250.000	255.182	90477.13	0.0334	P	1.6
6	☐	500.000	498.992	181585.25	0.0653	P	0.6
7	☐	1000.000	998.552	370355.74	0.1306	P	0.2
8	☐			458.90	0.0002	P	5.8

$$y = 1.3079E-004 * x + 4.5650E-006$$

$$R = 1.0000$$

$$DL = 0.04298$$

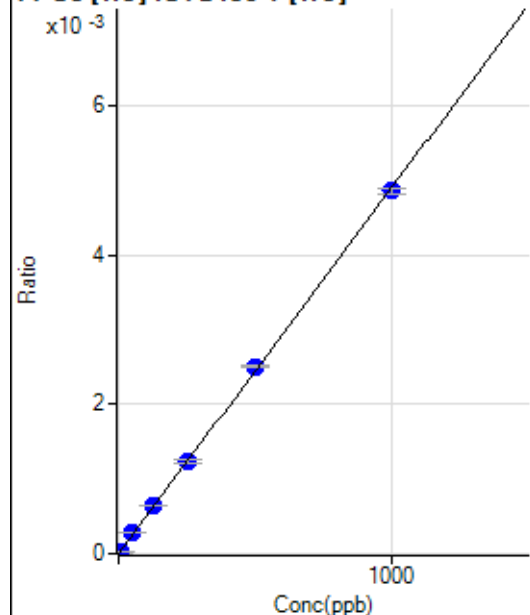
$$BEC = 0.0349$$

Weight: <None>

Min Conc: <None>

Calibration for 011CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	7.216	95.55	0.0000	P	7.5
3	☐	50.000	58.033	758.92	0.0003	P	6.1
4	☐	125.000	129.066	1711.23	0.0006	P	0.4
5	☐	250.000	252.865	3358.19	0.0012	P	4.0
6	☐	500.000	512.623	6987.26	0.0025	P	1.7
7	☐	1000.000	992.052	13779.83	0.0049	P	1.9
8	☐			11.11	0.0000	P	33.7

$$y = 4.8984E-006 * x + 4.1684E-007$$

$$R = 0.9999$$

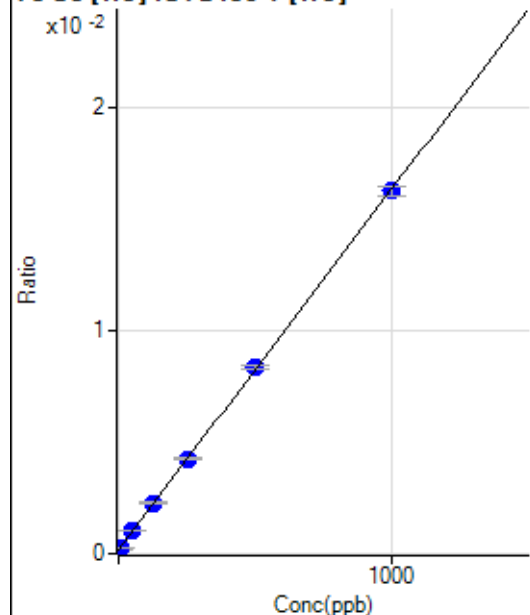
$$DL = 0.4422$$

$$BEC = 0.0851$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	470.01	0.0002	P	7.4
2	☐	5.000	5.676	714.47	0.0003	P	5.9
3	☐	50.000	53.841	2785.85	0.0010	P	5.4
4	☐	125.000	128.647	6093.54	0.0023	P	2.8
5	☐	250.000	253.079	11551.28	0.0043	P	2.1
6	☐	500.000	504.982	23171.60	0.0083	P	2.2
7	☐	1000.000	996.088	46093.81	0.0163	P	2.6
8	☐			524.46	0.0002	P	13.2

$$y = 1.6144E-005 * x + 1.7577E-004$$

$$R = 1.0000$$

$$DL = 2.415$$

$$BEC = 10.89$$

Weight: <None>

Min Conc: <None>

81 Br [No Gas] No available calibration points

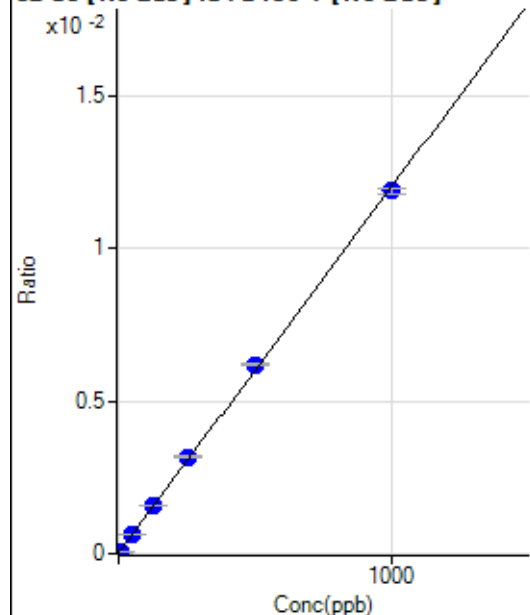
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8186.80		P	1.2
2	☐			8127.87		P	1.6
3	☐			8043.38		P	1.0
4	☐			8302.43		P	0.4
5	☐			8266.84		P	0.6
6	☐			8558.11		P	1.5
7	☐			8763.79		P	2.8
8	☐			9272.98		P	2.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			185.56		P	21.3
2	☐			175.56		P	14.0
3	☐			101.11		P	10.6
4	☐			115.56		P	13.3
5	☐			138.89		P	21.6
6	☐			144.45		P	9.3
7	☐			133.33		P	15.2
8	☐			190.00		P	7.6

Calibration for 011CAL.S.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	147.28	0.0000	P	6.2
2	☐	5.000	4.864	664.11	0.0001	P	13.6
3	☐	50.000	52.861	5709.79	0.0007	P	1.8
4	☐	125.000	130.836	14178.51	0.0016	P	1.8
5	☐	250.000	262.672	28240.25	0.0032	P	1.1
6	☐	500.000	514.283	56315.28	0.0062	P	1.0
7	☐	1000.000	988.819	111431.61	0.0119	P	1.4
8	☐			303.34	0.0000	P	14.2

$$y = 1.1990E-005 * x + 1.6915E-005$$

$$R = 0.9998$$

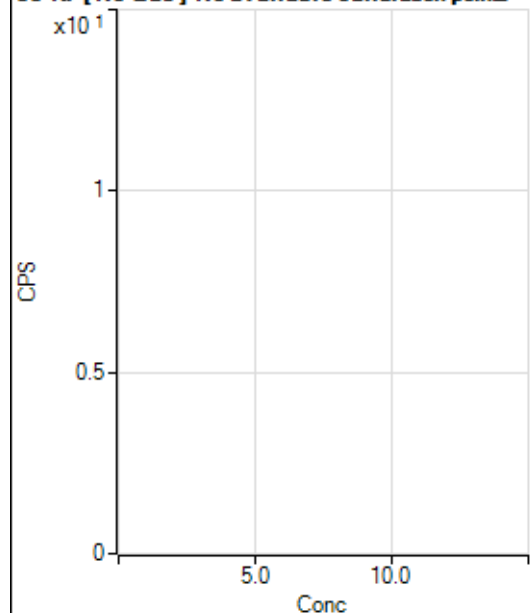
$$DL = 0.2607$$

$$BEC = 1.411$$

Weight: <None>

Min Conc: <None>

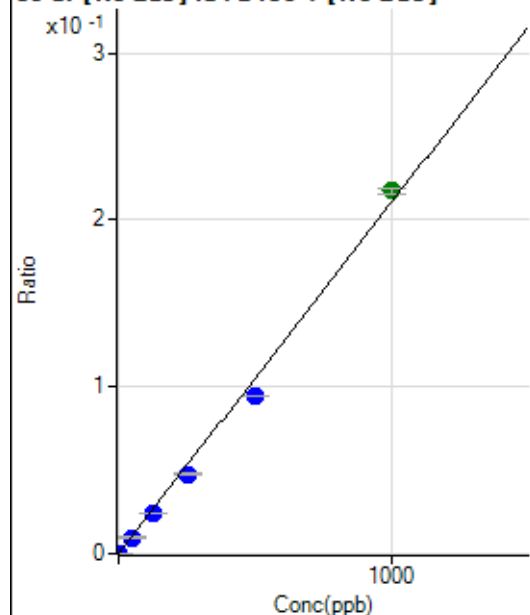
83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			458.90		P	2.3
2	☐			532.24		P	13.8
3	☐			513.35		P	9.6
4	☐			448.90		P	4.9
5	☐			493.35		P	7.2
6	☐			473.35		P	7.6
7	☐			483.35		P	1.8
8	☐			530.02		P	7.3

Calibration for 011CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	736.70	0.0001	P	4.0
2	☐	1.000	0.880	2382.44	0.0003	P	2.1
3	☐	50.000	46.139	85922.29	0.0098	P	0.8
4	☐	125.000	113.076	213465.49	0.0239	P	1.7
5	☐	250.000	226.722	426139.77	0.0478	P	1.5
6	☐	500.000	449.390	861819.35	0.0946	P	0.7
7	☐	1000.000	1032.808	2039873.70	0.2174	A	1.6
8	☐			25837.20	0.0028	P	0.9

$$y = 2.1037E-004 * x + 8.4557E-005$$

$$R = 0.9979$$

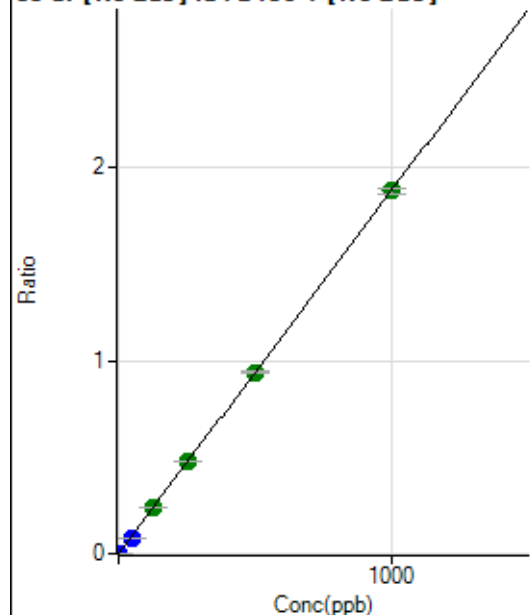
$$DL = 0.04797$$

$$BEC = 0.4019$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	94.44	0.0000	P	1.7
2	☐	1.000	0.852	14260.35	0.0016	P	2.0
3	☐	50.000	44.557	735751.86	0.0838	P	0.8
4	☐	125.000	125.573	2112710.56	0.2363	A	0.8
5	☐	250.000	254.566	4271692.22	0.4789	A	1.5
6	☐	500.000	499.307	8555837.09	0.9394	A	0.5
7	☐	1000.000	999.406	17649681.82	1.8803	A	1.4
8	☐			218196.37	0.0234	P	1.6

$$y = 0.0019 * x + 1.0840E-005$$

$$R = 1.0000$$

$$DL = 0.0003$$

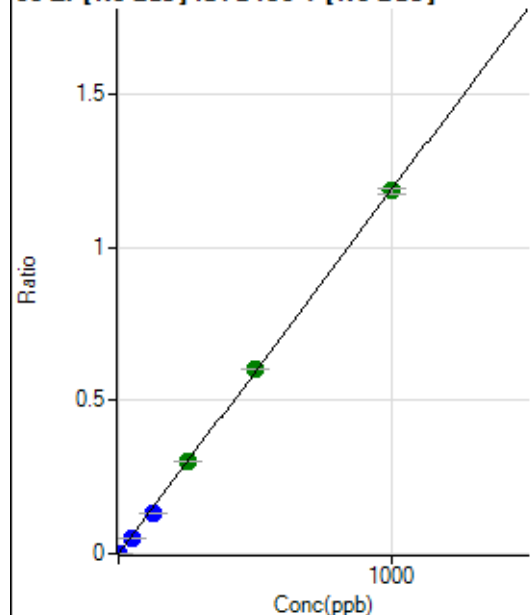
$$BEC = 0.005762$$

Weight: <None>

Min Conc: <None>

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	298.89	0.0000	P	12.8
2	☐	1.000	0.890	9636.58	0.0011	P	1.6
3	☐	50.000	44.400	462756.25	0.0527	P	0.5
4	☐	125.000	109.224	1159446.06	0.1297	P	1.2
5	☐	250.000	254.196	2691383.55	0.3017	A	1.5
6	☐	500.000	508.372	5495403.46	0.6034	A	0.4
7	☐	1000.000	997.017	11106534.14	1.1833	A	1.6
8	☐			9225.20	0.0010	P	0.2

$$y = 0.0012 * x + 3.4255E-005$$

$$R = 0.9998$$

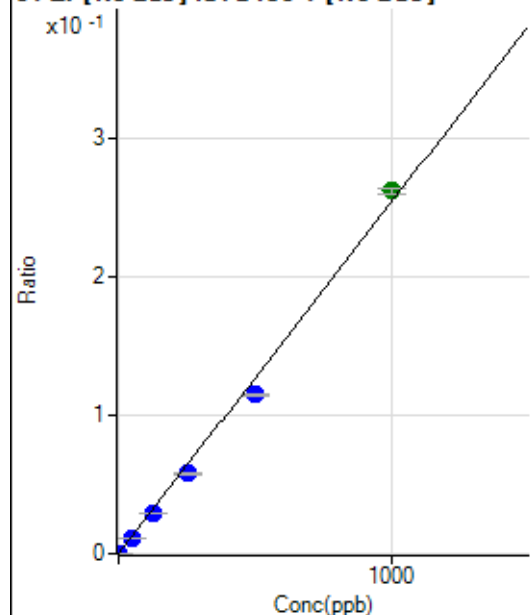
$$DL = 0.01109$$

$$BEC = 0.02886$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	53.33	0.0000	P	6.3
2	☐	1.000	0.919	2112.40	0.0002	P	0.7
3	☐	50.000	45.832	102074.38	0.0116	P	0.5
4	☐	125.000	113.466	257398.64	0.0288	P	2.0
5	☐	250.000	227.013	513604.17	0.0576	P	1.5
6	☐	500.000	451.912	1044002.16	0.1146	P	0.4
7	☐	1000.000	1031.441	2455434.46	0.2616	A	1.5
8	☐			1994.60	0.0002	P	2.9

$$y = 2.5364E-004 * x + 6.1219E-006$$

$$R = 0.9981$$

$$DL = 0.004539$$

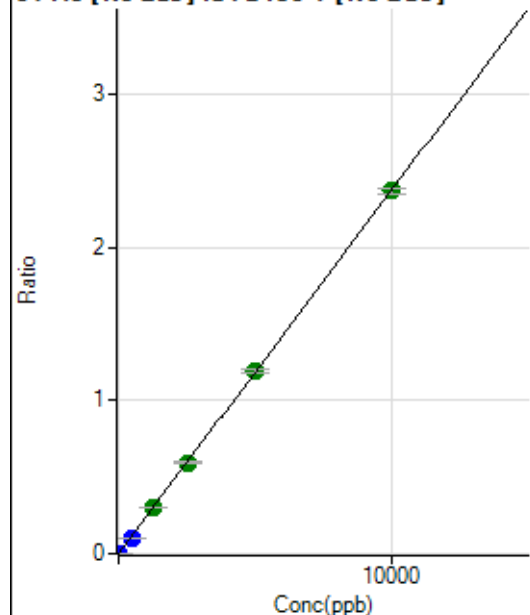
$$BEC = 0.02414$$

Weight: <None>

Min Conc: <None>

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	240.00	0.0000	P	9.1
2	☐	5.000	5.180	11107.63	0.0013	P	5.7
3	☐	500.000	446.244	930368.31	0.1060	P	0.6
4	☐	1250.000	1256.526	2668843.40	0.2985	A	0.6
5	☐	2500.000	2508.549	5314267.28	0.5958	A	2.3
6	☐	5000.000	5029.339	10879652.06	1.1945	A	1.2
7	☐	10000.000	9985.065	22257376.34	2.3715	A	1.7
8	☐			6503.73	0.0007	P	2.5

$$y = 2.3751E-004 * x + 2.7574E-005$$

$$R = 1.0000$$

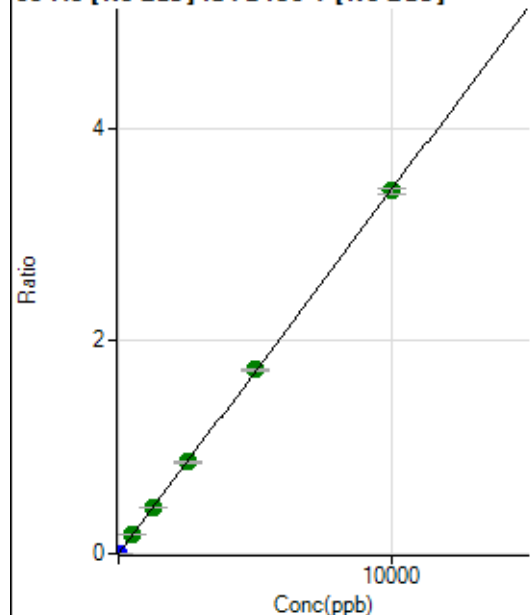
$$DL = 0.03174$$

$$BEC = 0.1161$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	190.00	0.0000	P	4.8
2	☐	5.000	4.283	13139.32	0.0015	P	0.9
3	☐	500.000	510.548	1533174.70	0.1747	A	1.6
4	☐	1250.000	1264.327	3868728.31	0.4327	A	2.1
5	☐	2500.000	2521.958	7696995.16	0.8630	A	1.4
6	☐	5000.000	5052.896	15747555.32	1.7290	A	0.6
7	☐	10000.000	9965.745	32006270.08	3.4101	A	1.3
8	☐			5189.86	0.0006	P	2.1

$$y = 3.4218E-004 * x + 2.1819E-005$$

$$R = 1.0000$$

$$DL = 0.009222$$

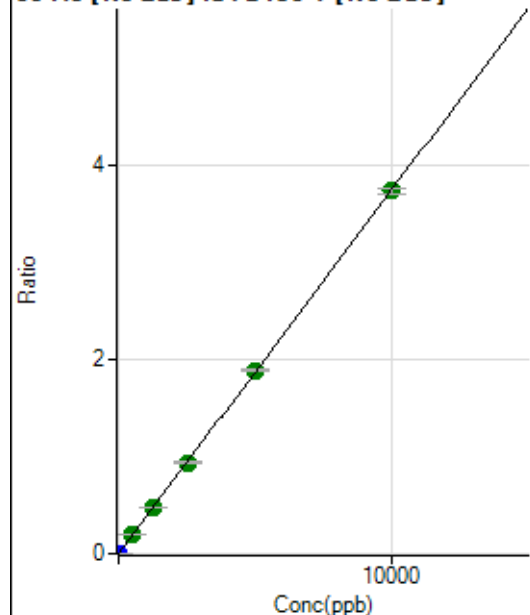
$$BEC = 0.06376$$

Weight: <None>

Min Conc: <None>

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	227.78	0.0000	P	14.1
2	☐	5.000	4.375	14666.35	0.0017	P	1.8
3	☐	500.000	514.095	1685020.03	0.1920	A	2.0
4	☐	1250.000	1252.450	4182904.49	0.4678	A	0.9
5	☐	2500.000	2504.832	8343581.61	0.9355	A	1.5
6	☐	5000.000	5037.445	17135484.47	1.8814	A	0.7
7	☐	10000.000	9979.059	34978949.76	3.7269	A	1.4
8	☐			10470.51	0.0011	P	0.7

$$y = 3.7347E-004 * x + 2.6185E-005$$

$$R = 1.0000$$

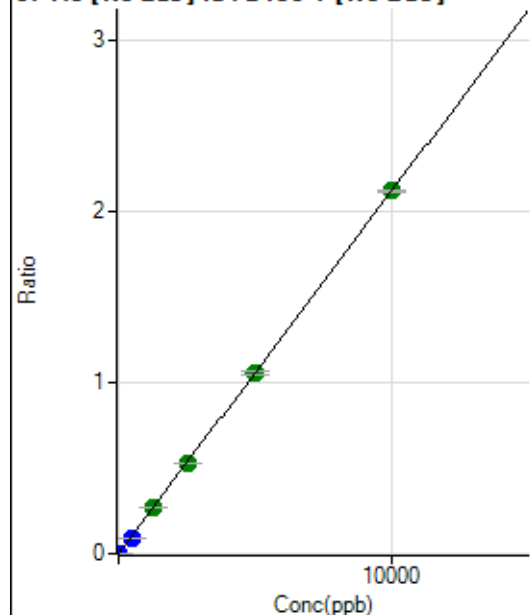
$$DL = 0.02972$$

$$BEC = 0.07011$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	158.89	0.0000	P	8.7
2	☐	5.000	4.285	8187.92	0.0009	P	2.4
3	☐	500.000	442.597	823847.85	0.0939	P	0.9
4	☐	1250.000	1257.055	2383914.06	0.2666	A	1.1
5	☐	2500.000	2490.820	4711015.31	0.5282	A	1.6
6	☐	5000.000	4989.334	9637159.02	1.0581	A	1.3
7	☐	10000.000	10009.617	19923374.42	2.1227	A	0.9
8	☐			3219.27	0.0003	P	4.4

$$y = 2.1207E-004 * x + 1.8228E-005$$

$$R = 1.0000$$

$$DL = 0.02249$$

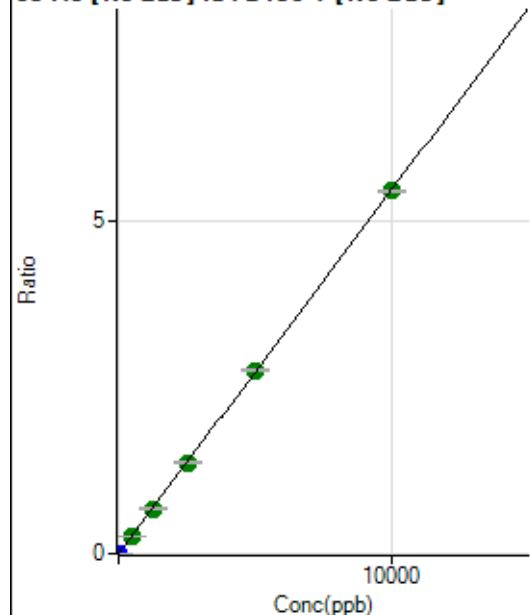
$$BEC = 0.08595$$

Weight: <None>

Min Conc: <None>

Calibration for 011CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	328.90	0.0000	P	2.2
2	☐	5.000	4.289	21027.45	0.0024	P	4.5
3	☐	500.000	499.765	2396252.48	0.2730	A	0.8
4	☐	1250.000	1241.063	6062612.13	0.6780	A	1.5
5	☐	2500.000	2510.460	12231311.21	1.3714	A	1.3
6	☐	5000.000	5041.730	25085821.85	2.7542	A	1.5
7	☐	10000.000	9977.649	51156660.35	5.4505	A	0.8
8	☐			8336.91	0.0009	P	2.1

$$y = 5.4627E-004 * x + 3.7757E-005$$

$$R = 1.0000$$

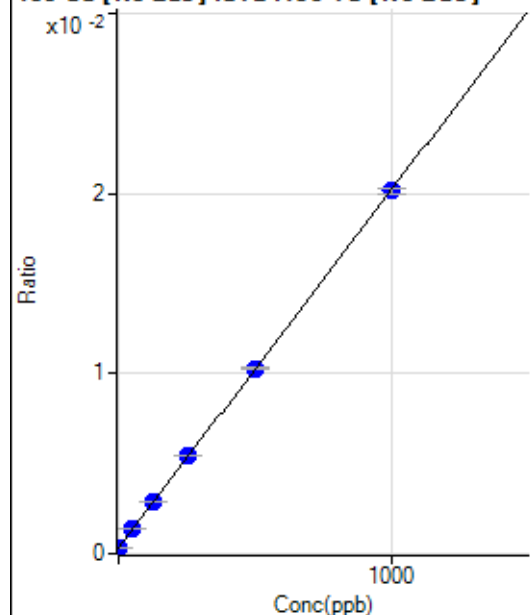
$$DL = 0.004466$$

$$BEC = 0.06912$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2131.29	0.0003	P	3.7
2	☐	1.000	0.063	2194.64	0.0003	P	3.7
3	☐	50.000	52.368	9270.83	0.0014	P	1.0
4	☐	125.000	129.812	20002.77	0.0029	P	0.8
5	☐	250.000	255.437	37625.48	0.0054	P	0.2
6	☐	500.000	501.768	73606.63	0.0103	P	1.1
7	☐	1000.000	997.038	145555.01	0.0201	P	1.8
8	☐			2304.65	0.0003	P	3.1

$$y = 1.9878E-005 * x + 3.2083E-004$$

$$R = 1.0000$$

$$DL = 1.78$$

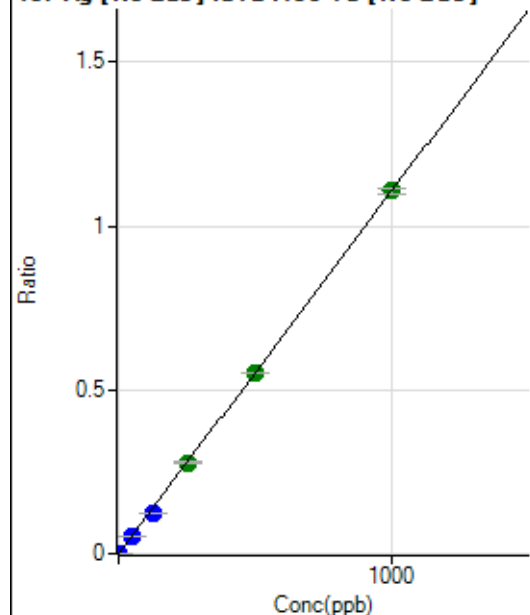
$$BEC = 16.14$$

Weight: <None>

Min Conc: <None>

Calibration for 011CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	34.45	0.0000	P	9.6
2	☐	1.000	0.954	7220.76	0.0011	P	4.3
3	☐	50.000	45.516	342580.48	0.0503	P	1.0
4	☐	125.000	112.193	855048.38	0.1240	P	2.2
5	☐	250.000	251.990	1941478.72	0.2786	A	0.6
6	☐	500.000	500.170	3953556.61	0.5529	A	0.4
7	☐	1000.000	1001.243	7999385.65	1.1068	A	1.4
8	☐			897.81	0.0001	P	4.5

$$y = 0.0011 * x + 5.1775E-006$$

$$R = 0.9999$$

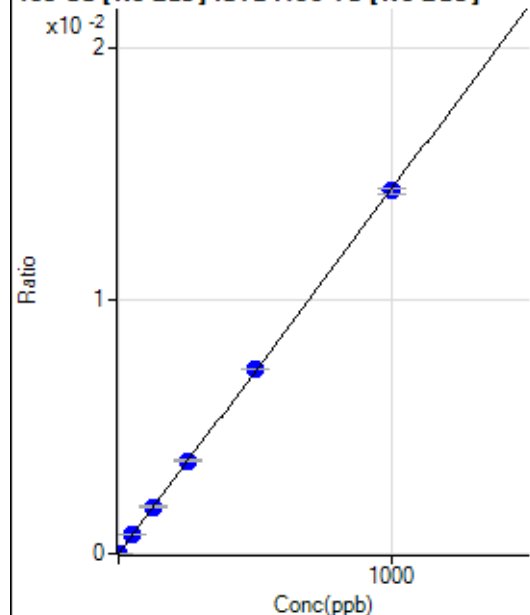
$$DL = 0.001354$$

$$BEC = 0.004684$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.33	0.0000	P	98.7
2	☐	1.000	0.962	97.78	0.0000	P	19.1
3	☐	50.000	52.875	5185.42	0.0008	P	2.0
4	☐	125.000	128.729	12781.27	0.0019	P	0.7
5	☐	250.000	255.485	25637.23	0.0037	P	1.3
6	☐	500.000	506.166	52109.01	0.0073	P	0.4
7	☐	1000.000	994.936	103531.31	0.0143	P	1.5
8	☐			91.11	0.0000	P	0.7

$$y = 1.4397E-005 * x + 4.9805E-007$$

$$R = 1.0000$$

$$DL = 0.1024$$

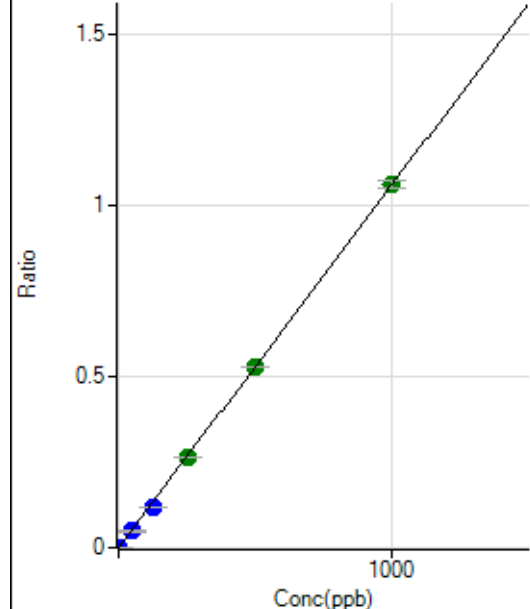
$$BEC = 0.03459$$

Weight: <None>

Min Conc: <None>

Calibration for 011CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26.67	0.0000	P	23.8
2	☐	1.000	0.933	6770.53	0.0010	P	3.9
3	☐	50.000	45.118	325672.78	0.0478	P	1.5
4	☐	125.000	111.837	817459.66	0.1186	P	1.9
5	☐	250.000	250.468	1850829.07	0.2655	A	0.3
6	☐	500.000	500.763	3796272.41	0.5309	A	0.3
7	☐	1000.000	1001.391	7672704.96	1.0617	A	2.1
8	☐			805.59	0.0001	P	3.9

$$y = 0.0011 * x + 4.0061E-006$$

$$R = 0.9999$$

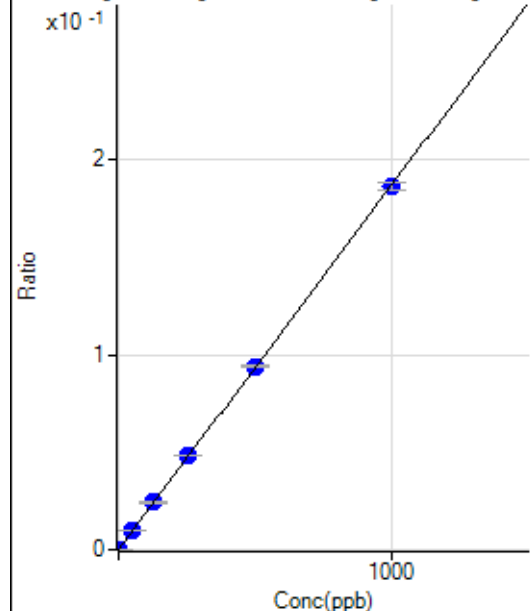
$$DL = 0.002696$$

$$BEC = 0.003779$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	219.68	0.0000	P	4.5
2	☐	1.000	0.954	1439.98	0.0002	P	1.6
3	☐	50.000	53.122	67809.18	0.0100	P	1.7
4	☐	125.000	129.626	167235.42	0.0243	P	2.3
5	☐	250.000	257.076	335086.37	0.0481	P	0.6
6	☐	500.000	503.814	673450.98	0.0942	P	0.6
7	☐	1000.000	995.590	1344883.75	0.1861	P	2.2
8	☐			921.16	0.0001	P	1.9

$$y = 1.8689E-004 * x + 3.3072E-005$$

$$R = 1.0000$$

$$DL = 0.0241$$

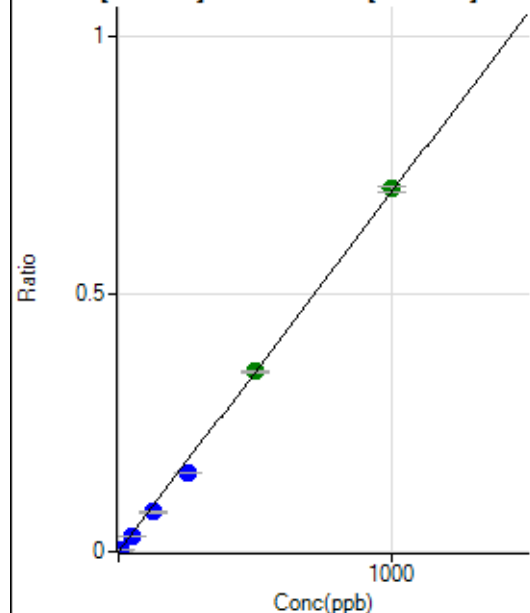
$$BEC = 0.177$$

Weight: <None>

Min Conc: <None>

Calibration for 011CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1114.50	0.0002	P	6.5
2	☐	5.000	4.262	21387.97	0.0031	P	3.0
3	☐	50.000	44.247	211170.35	0.0310	P	1.3
4	☐	125.000	110.138	530591.52	0.0770	P	2.2
5	☐	250.000	219.447	1067610.31	0.1532	P	0.5
6	☐	500.000	500.954	2499002.69	0.3495	A	0.7
7	☐	1000.000	1009.310	5087418.50	0.7039	A	1.7
8	☐			2337.99	0.0003	P	3.3

$$y = 6.9728E-004 * x + 1.6759E-004$$

$$R = 0.9995$$

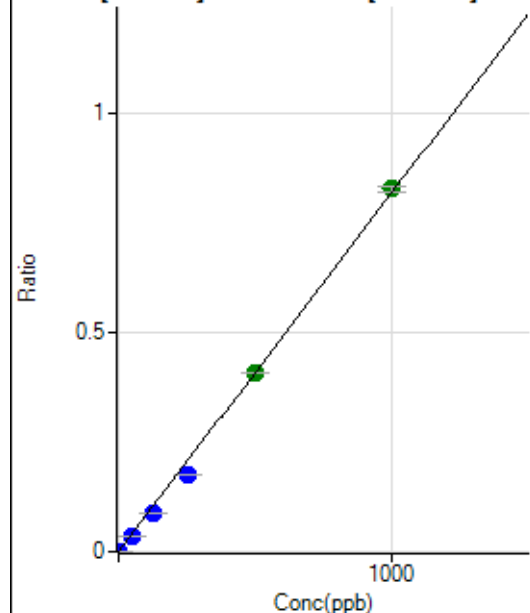
$$DL = 0.04676$$

$$BEC = 0.2403$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	40.00	0.0000	P	38.2
2	☐	2.000	1.714	9604.41	0.0014	P	2.4
3	☐	50.000	43.855	244460.48	0.0359	P	1.1
4	☐	125.000	108.772	613963.23	0.0891	P	1.9
5	☐	250.000	214.752	1225383.95	0.1758	P	0.4
6	☐	500.000	498.332	2917225.62	0.4080	A	0.2
7	☐	1000.000	1011.982	5987586.99	0.8285	A	1.7
8	☐			4296.24	0.0006	P	4.7

$$y = 8.1869E-004 * x + 6.0434E-006$$

$$R = 0.9993$$

$$DL = 0.008461$$

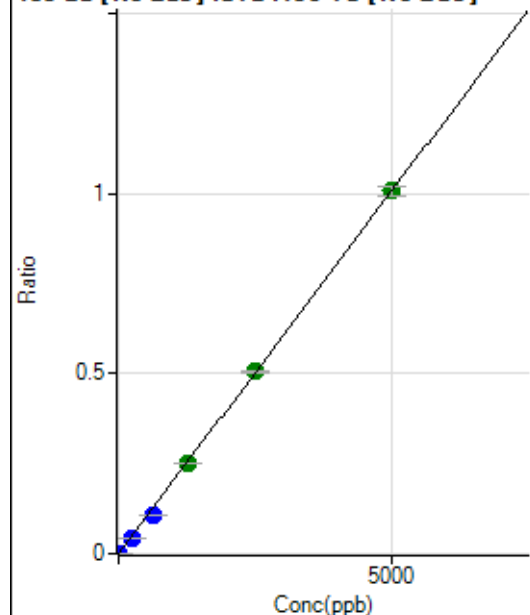
$$BEC = 0.007382$$

Weight: <None>

Min Conc: <None>

Calibration for 011CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	37.2
2	☐	10.000	8.110	11132.24	0.0016	P	2.7
3	☐	250.000	213.635	292427.90	0.0430	P	0.6
4	☐	625.000	530.018	734641.58	0.1066	P	2.1
5	☐	1250.000	1249.231	1750555.90	0.2512	A	0.5
6	☐	2500.000	2516.545	3618037.41	0.5060	A	0.9
7	☐	5000.000	5005.615	7272973.71	1.0064	A	2.7
8	☐			3488.24	0.0005	P	3.7

$$y = 2.0105E-004 * x + 3.3343E-006$$

$$R = 0.9998$$

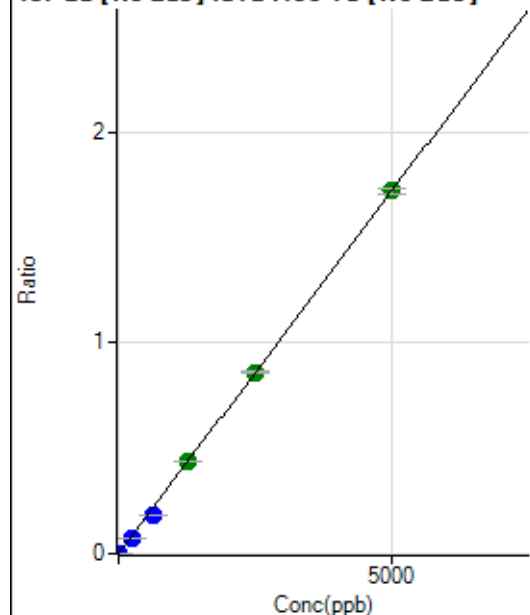
$$DL = 0.01849$$

$$BEC = 0.01658$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.67	0.0000	P	10.3
2	☐	10.000	8.193	19205.31	0.0028	P	2.0
3	☐	250.000	217.755	509084.86	0.0748	P	0.4
4	☐	625.000	538.885	1275733.92	0.1850	P	1.9
5	☐	1250.000	1268.175	3034978.19	0.4355	A	0.8
6	☐	2500.000	2502.047	6143171.30	0.8592	A	0.8
7	☐	5000.000	5006.813	12425113.56	1.7192	A	1.9
8	☐			6046.90	0.0008	P	0.7

$$y = 3.4338E-004 * x + 5.5216E-006$$

$$R = 0.9998$$

$$DL = 0.004976$$

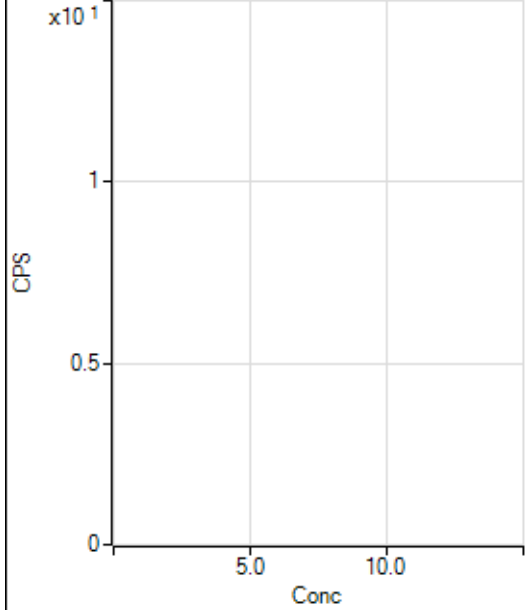
$$BEC = 0.01608$$

Weight: <None>

Min Conc: <None>

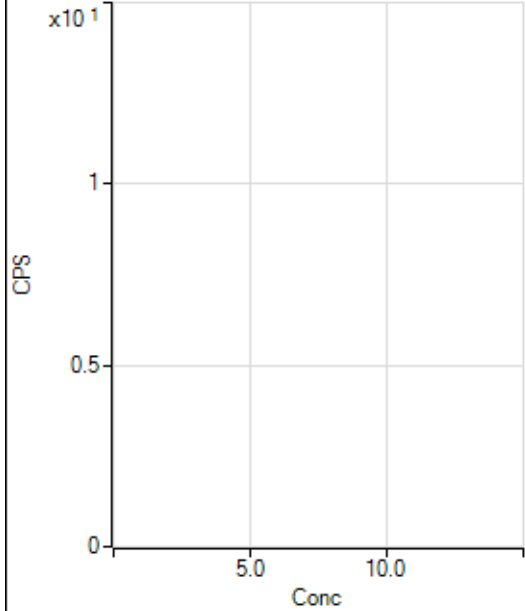
Calibration for 011CAL.S.d

150 Nd [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	21.6
2	☐			3.33		P	100.
3	☐			18.89		P	71.3
4	☐			33.33		P	26.5
5	☐			71.11		P	24.1
6	☐			147.78		P	13.6
7	☐			268.89		P	15.7
8	☐			115.56		P	6.7

150 Nd [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			3.33		P	100.
3	☐			7.78		P	65.5
4	☐			23.33		P	24.7
5	☐			22.22		P	22.9
6	☐			38.89		P	32.4
7	☐			110.00		P	24.1
8	☐			94.45		P	14.3

156 Dy [No Gas] No available calibration points

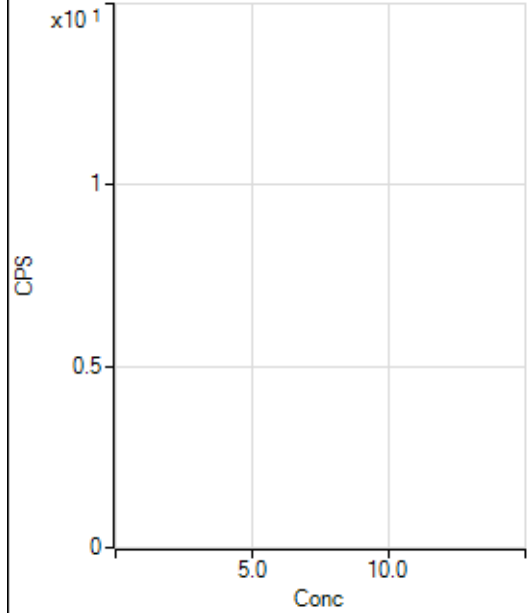
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	94.4
2	☐			8.89		P	43.3
3	☐			13.33		P	25.0
4	☐			20.00		P	44.1
5	☐			37.78		P	22.2
6	☐			66.67		P	10.0
7	☐			151.11		P	17.1
8	☐			286.67		P	9.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.
2	☐			4.44		P	114.
3	☐			21.11		P	24.1
4	☐			51.11		P	26.4
5	☐			82.22		P	4.7
6	☐			157.78		P	15.9
7	☐			310.01		P	10.3
8	☐			285.56		P	3.8

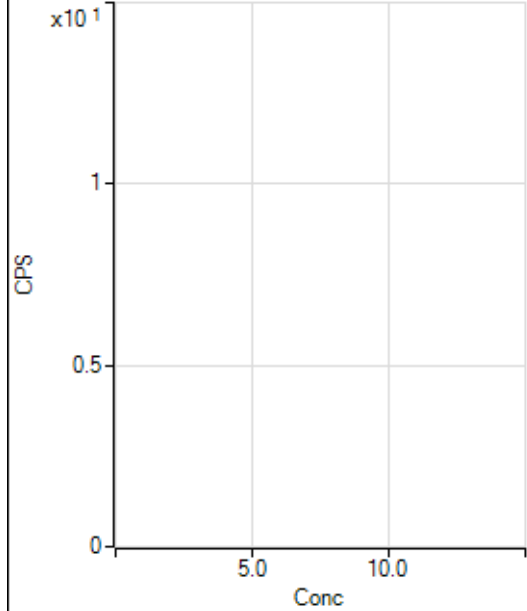
Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.67		P	25.6
2	☐			42.22		P	9.1
3	☐			58.89		P	18.2
4	☐			65.56		P	22.9
5	☐			72.22		P	26.2
6	☐			95.56		P	5.3
7	☐			155.56		P	8.9
8	☐			372.23		P	15.3

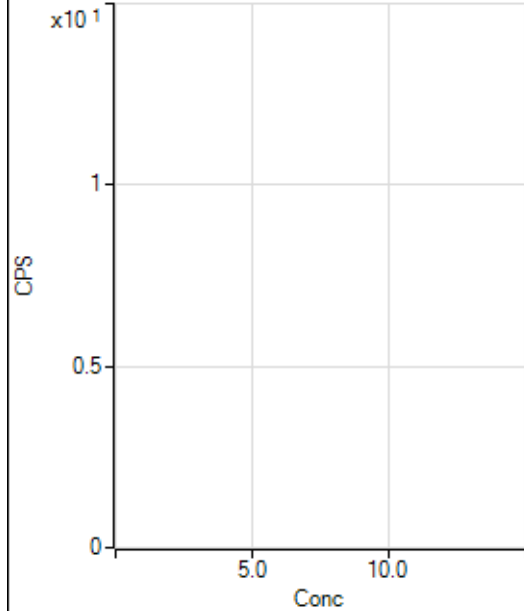
160 Gd [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			268.89		P	12.2
2	☐			238.89		P	8.2
3	☐			274.45		P	14.1
4	☐			293.34		P	16.0
5	☐			287.78		P	11.3
6	☐			337.79		P	3.5
7	☐			390.01		P	8.5
8	☐			537.79		P	8.0

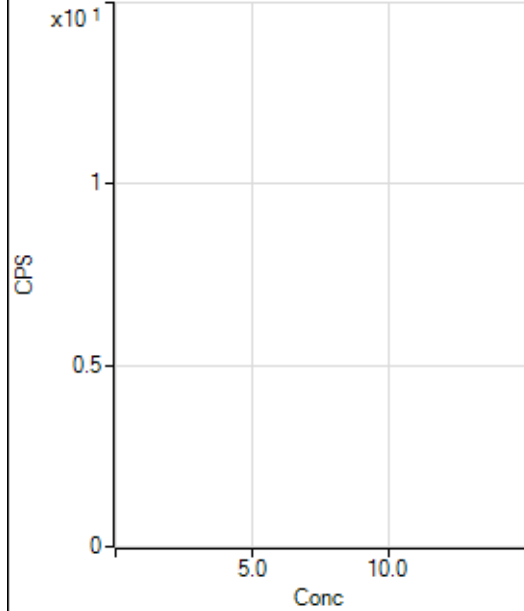
Calibration for 011CAL.S.d

164 Er [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	20.3
2	☐			36.67		P	36.4
3	☐			46.67		P	25.8
4	☐			50.00		P	35.3
5	☐			72.22		P	11.6
6	☐			146.67		P	21.9
7	☐			213.34		P	15.4
8	☐			622.24		P	3.4

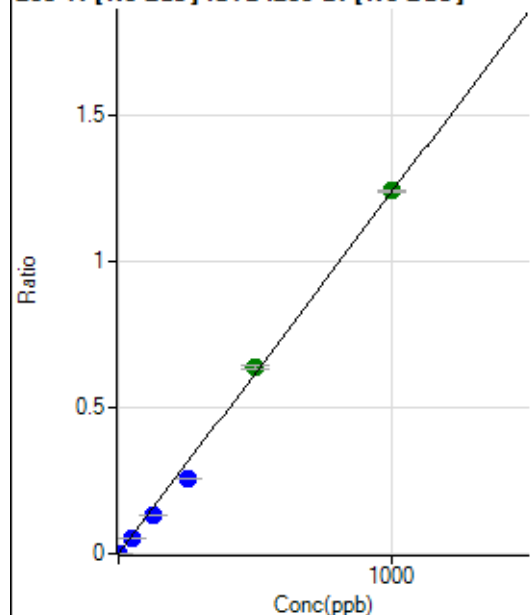
164 Er [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.56		P	39.0
2	☐			37.78		P	13.5
3	☐			42.22		P	9.1
4	☐			62.22		P	17.2
5	☐			80.00		P	4.2
6	☐			132.22		P	2.9
7	☐			165.56		P	8.4
8	☐			497.79		P	9.1

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.89	0.0000	P	20.8
2	☐	1.000	0.849	4620.82	0.0011	P	3.9
3	☐	50.000	41.624	222449.93	0.0513	P	1.6
4	☐	125.000	104.766	562338.37	0.1292	P	0.3
5	☐	250.000	208.731	1124340.04	0.2574	P	1.2
6	☐	500.000	517.057	2800929.44	0.6375	A	1.8
7	☐	1000.000	1004.737	5593703.25	1.2387	A	0.3
8	☐			4249.60	0.0010	P	0.9

$$y = 0.0012 * x + 2.5751E-005$$

$$R = 0.9988$$

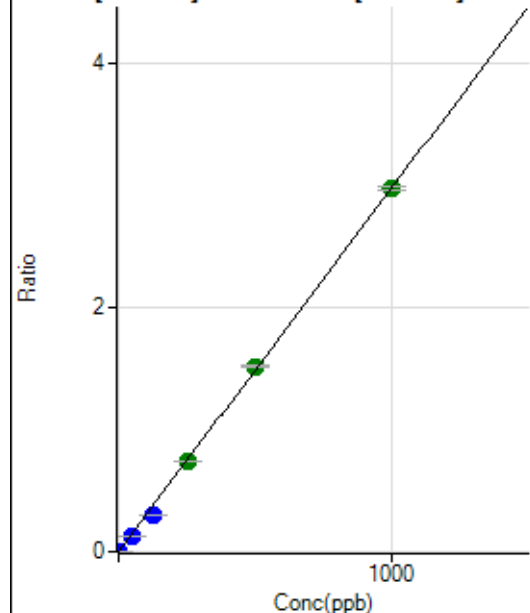
$$DL = 0.01302$$

$$BEC = 0.02089$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.67	0.0001	P	7.8
2	☐	1.000	0.839	11016.77	0.0026	P	3.6
3	☐	50.000	41.181	530930.45	0.1225	P	1.7
4	☐	125.000	102.589	1328403.09	0.3052	P	0.5
5	☐	250.000	248.813	3233461.24	0.7401	A	0.6
6	☐	500.000	510.418	6670374.49	1.5182	A	1.3
7	☐	1000.000	998.330	13408133.55	2.9693	A	1.0
8	☐			10202.81	0.0024	P	1.9

$$y = 0.0030 * x + 6.3139E-005$$

$$R = 0.9997$$

$$DL = 0.004952$$

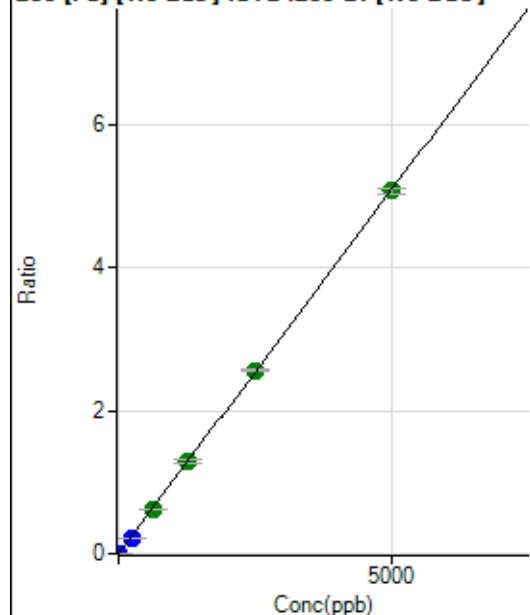
$$BEC = 0.02123$$

Weight: <None>

Min Conc: <None>

Calibration for 011CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	391.12	0.0001	P	2.9
2	☐	1.000	0.675	3353.79	0.0008	P	1.3
3	☐	250.000	208.390	917900.76	0.2119	P	1.2
4	☐	625.000	612.748	2710985.76	0.6228	A	0.8
5	☐	1250.000	1270.092	5638477.21	1.2907	A	3.0
6	☐	2500.000	2521.987	11260563.30	2.5629	A	0.9
7	☐	5000.000	4987.596	22886155.49	5.0683	A	1.4
8	☐			5086.57	0.0012	P	2.3

$$y = 0.0010 * x + 9.2645E-005$$

$$R = 0.9999$$

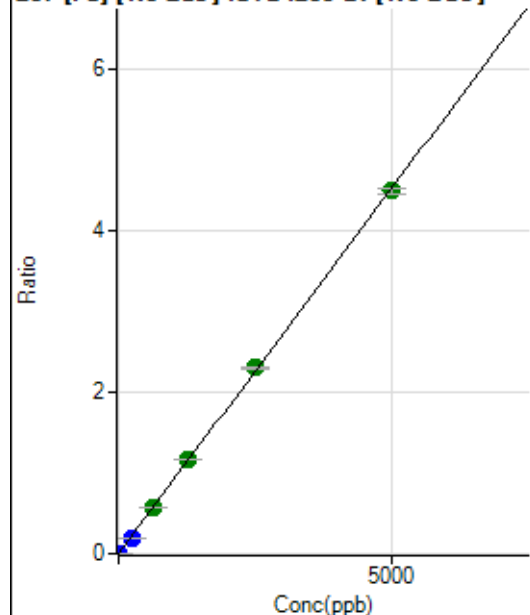
$$DL = 0.007867$$

$$BEC = 0.09117$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	344.45	0.0001	P	5.8
2	☐	1.000	0.694	3054.83	0.0007	P	3.4
3	☐	250.000	205.175	803924.08	0.1856	P	1.7
4	☐	625.000	627.020	2467489.84	0.5669	A	1.5
5	☐	1250.000	1292.206	5103826.80	1.1682	A	1.2
6	☐	2500.000	2547.765	10120196.59	2.3032	A	1.5
7	☐	5000.000	4967.555	20278500.53	4.4907	A	1.3
8	☐			4377.41	0.0010	P	1.5

$$y = 9.0398E-004 * x + 8.1588E-005$$

$$R = 0.9998$$

$$DL = 0.01577$$

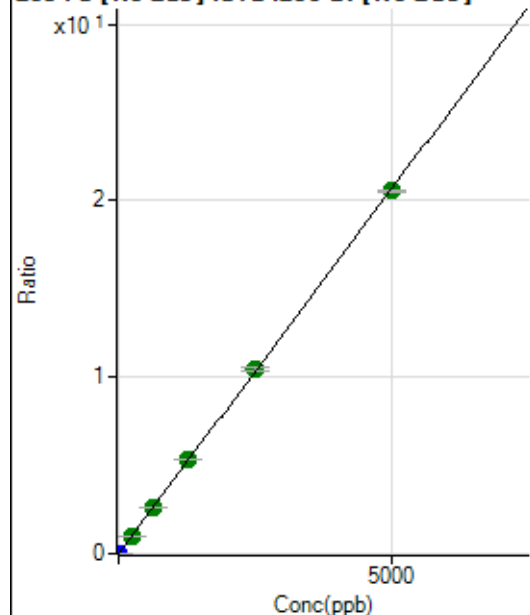
$$BEC = 0.09025$$

Weight: <None>

Min Conc: <None>

Calibration for 011CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1672.29	0.0004	P	2.3
2	☐	1.000	0.681	13811.81	0.0032	P	0.9
3	☐	250.000	228.376	4088150.34	0.9435	A	1.2
4	☐	625.000	623.054	11202104.05	2.5735	A	0.2
5	☐	1250.000	1287.787	23237685.76	5.3187	A	0.7
6	☐	2500.000	2534.393	45989401.47	10.4669	A	1.4
7	☐	5000.000	4974.681	92774728.06	20.5448	A	0.5
8	☐			20390.70	0.0049	P	1.3

$$y = 0.0041 * x + 3.9609E-004$$

$$R = 0.9999$$

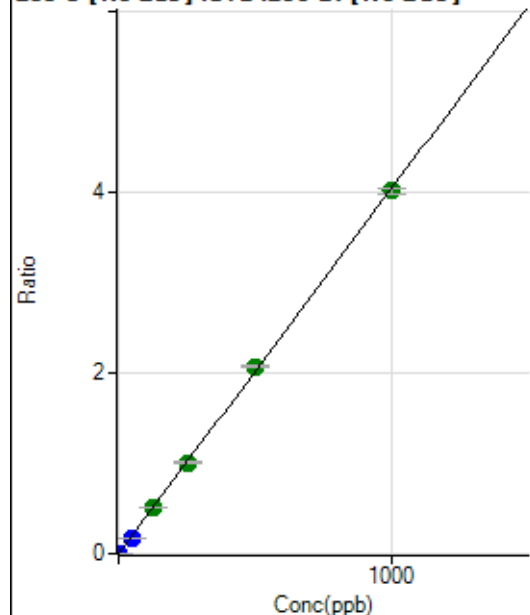
$$DL = 0.006553$$

$$BEC = 0.09591$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.55	0.0000	P	93.1
2	☐	1.000	0.781	13633.76	0.0032	P	0.9
3	☐	50.000	40.711	713401.80	0.1647	P	1.4
4	☐	125.000	124.904	2198711.51	0.5052	A	1.1
5	☐	250.000	250.131	4419760.04	1.0116	A	0.3
6	☐	500.000	513.339	9121726.53	2.0761	A	0.6
7	☐	1000.000	993.775	18147326.26	4.0192	A	1.4
8	☐			486.68	0.0001	P	9.9

$$y = 0.0040 * x + 6.0005E-006$$

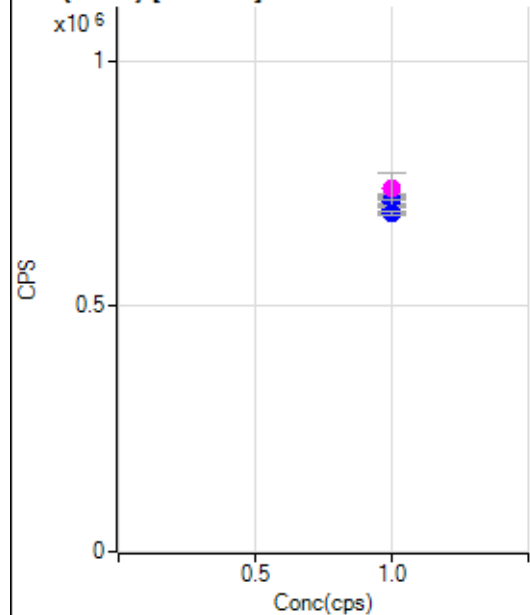
$$R = 0.9998$$

$$DL = 0.004146$$

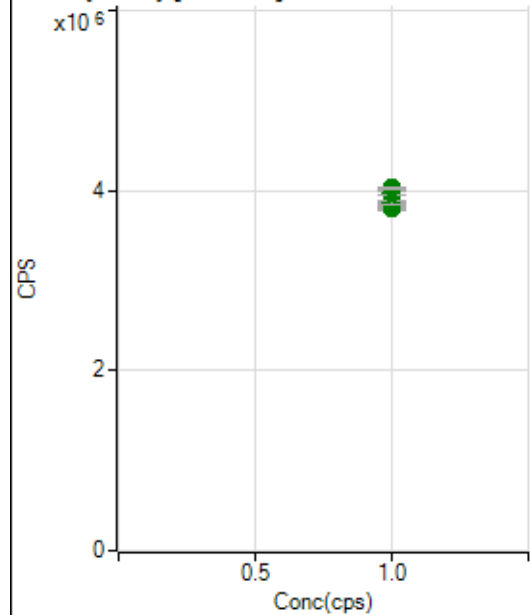
$$BEC = 0.001484$$

Weight: <None>

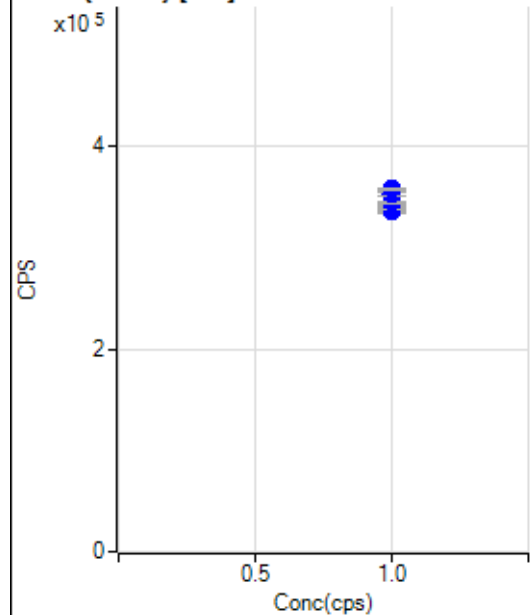
Min Conc: <None>

6 Li (ISTD) [No Gas]

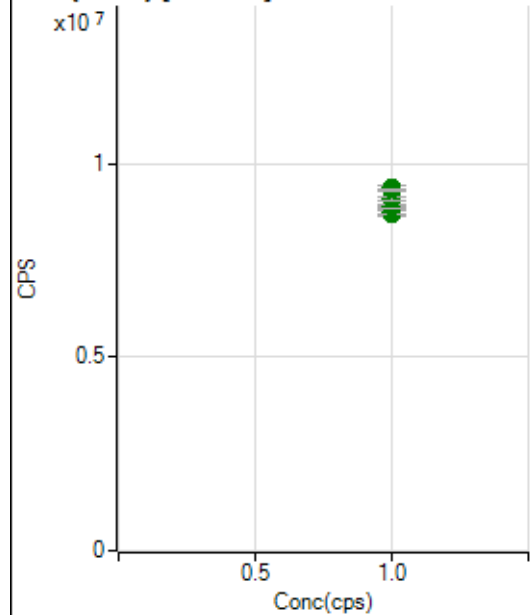
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		695221.85		P	1.9
2	☐	1.000		717632.20		P	0.4
3	☐	1.000		712647.32		P	0.7
4	☐	1.000		725217.43		P	0.4
5	☐	1.000		717926.68		P	0.4
6	☐	1.000		716914.36		P	0.4
7	☐	1.000		738940.54		M	9.1
8	☐	1.000		689338.02		P	1.4

45 Sc (ISTD) [No Gas]

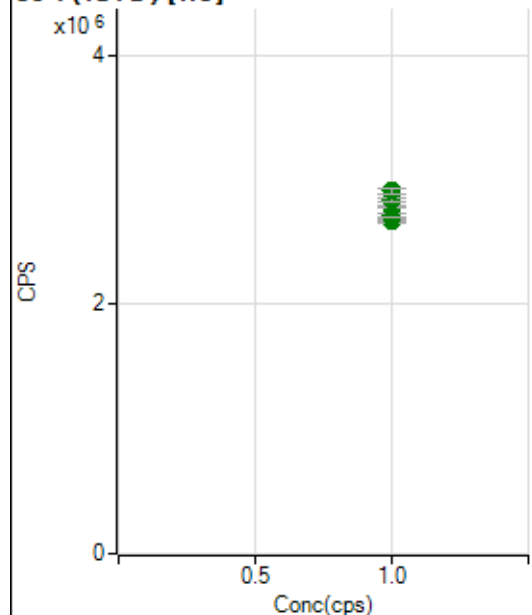
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3809887.97		A	1.7
2	☐	1.000		3882910.26		A	0.6
3	☐	1.000		3821963.45		A	0.5
4	☐	1.000		3862800.22		A	1.0
5	☐	1.000		3835496.19		A	0.7
6	☐	1.000		3867901.29		A	1.3
7	☐	1.000		3985852.51		A	1.0
8	☐	1.000		4033523.41		A	0.3

45 Sc (ISTD) [He]

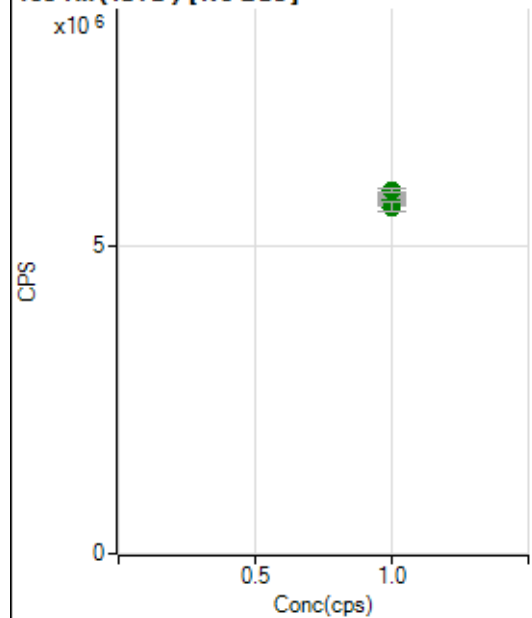
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		339546.26		P	0.2
2	☐	1.000		342193.98		P	0.6
3	☐	1.000		335707.87		P	0.4
4	☐	1.000		339486.81		P	0.6
5	☐	1.000		338755.50		P	0.2
6	☐	1.000		345126.76		P	0.3
7	☐	1.000		352999.99		P	1.3
8	☐	1.000		358457.78		P	0.5

89 Y (ISTD) [No Gas]

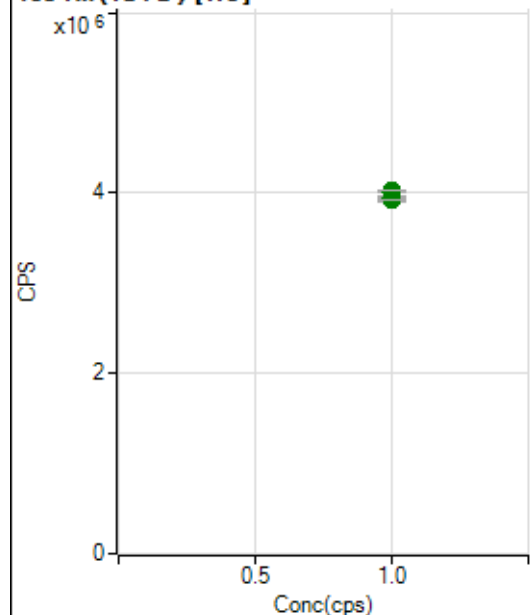
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8713011.33		A	1.7
2	☐	1.000		8834629.59		A	1.1
3	☐	1.000		8776556.60		A	1.8
4	☐	1.000		8942162.99		A	0.3
5	☐	1.000		8919389.11		A	1.2
6	☐	1.000		9107606.74		A	0.8
7	☐	1.000		9385985.07		A	1.2
8	☐	1.000		9335334.65		A	0.6

89 Y (ISTD) [He]

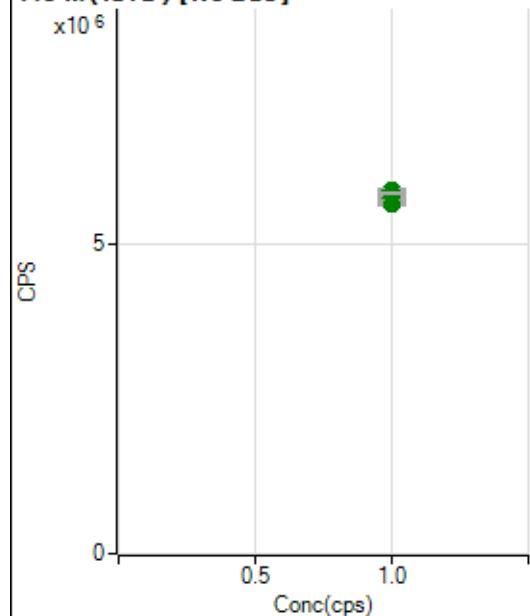
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2673239.98		A	1.0
2	☐	1.000		2672256.37		A	0.4
3	☐	1.000		2666523.52		A	0.7
4	☐	1.000		2705055.98		A	1.8
5	☐	1.000		2710957.35		A	1.3
6	☐	1.000		2782300.37		A	0.5
7	☐	1.000		2835814.33		A	1.1
8	☐	1.000		2910597.14		A	1.3

103 Rh (ISTD) [No Gas]

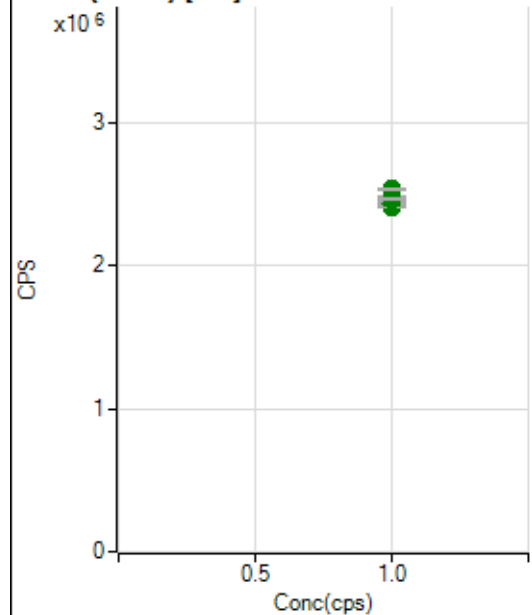
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5662794.92		A	0.5
2	☐	1.000		5776814.01		A	1.4
3	☐	1.000		5737998.66		A	1.5
4	☐	1.000		5729109.15		A	1.1
5	☐	1.000		5737273.38		A	0.8
6	☐	1.000		5788972.69		A	0.7
7	☐	1.000		5883645.47		A	1.0
8	☐	1.000		5625418.25		A	2.5

103 Rh (ISTD) [He]

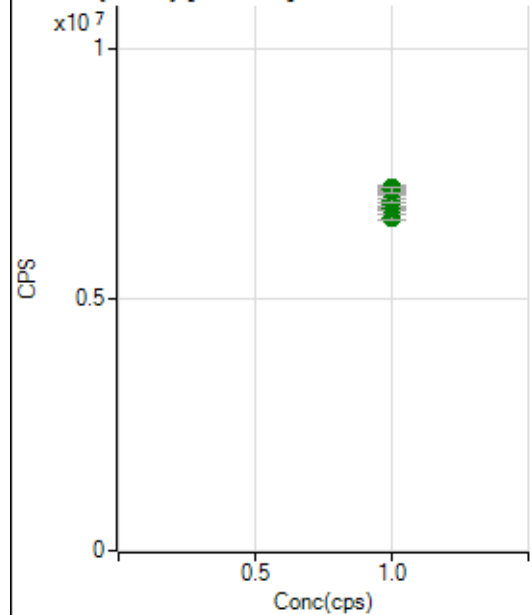
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3913961.92		A	0.8
2	☐	1.000		3935127.03		A	0.8
3	☐	1.000		3921728.48		A	0.9
4	☐	1.000		3930992.27		A	1.6
5	☐	1.000		3938998.62		A	1.1
6	☐	1.000		4023360.84		A	0.5
7	☐	1.000		4001219.11		A	1.5
8	☐	1.000		3915874.35		A	0.1

115 In (ISTD) [No Gas]

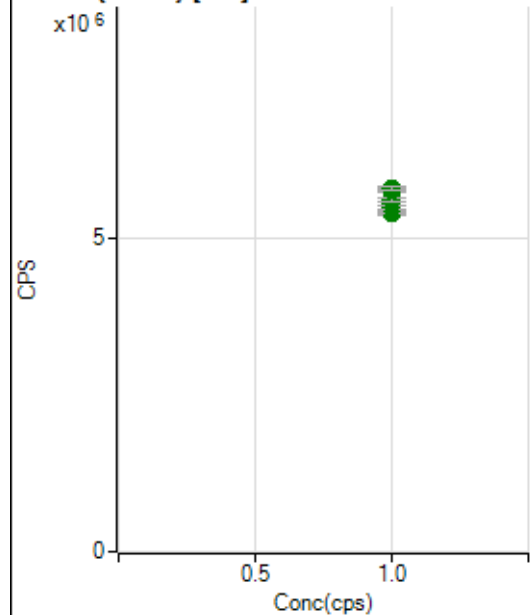
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5623931.55		A	1.0
2	☐	1.000		5702567.44		A	0.8
3	☐	1.000		5664736.16		A	0.4
4	☐	1.000		5741980.59		A	1.0
5	☐	1.000		5836559.91		A	0.4
6	☐	1.000		5826257.03		A	0.6
7	☐	1.000		5845039.39		A	1.2
8	☐	1.000		5808319.47		A	0.4

115 In (ISTD) [He]

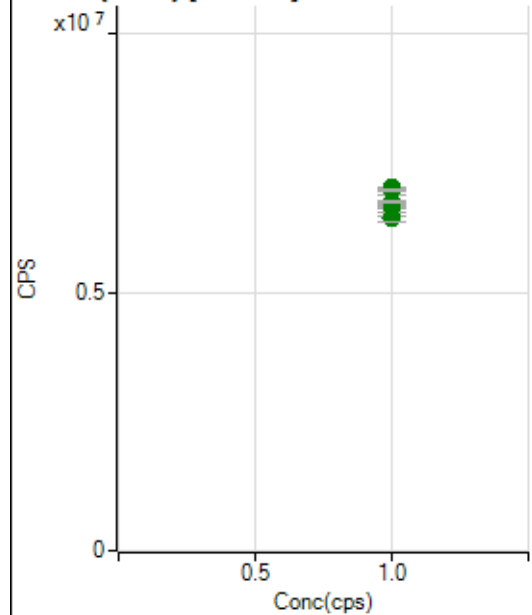
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2407553.10		A	0.3
2	☐	1.000		2416662.87		A	0.4
3	☐	1.000		2407895.91		A	0.8
4	☐	1.000		2459239.33		A	1.9
5	☐	1.000		2429737.51		A	1.7
6	☐	1.000		2470840.74		A	1.2
7	☐	1.000		2463112.44		A	0.9
8	☐	1.000		2534627.51		A	0.7

159 Tb (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6646344.35		A	2.0
2	☐	1.000		6813910.32		A	0.4
3	☐	1.000		6808058.09		A	1.0
4	☐	1.000		6894870.45		A	1.0
5	☐	1.000		6969678.09		A	1.1
6	☐	1.000		7150394.13		A	1.4
7	☐	1.000		7228162.18		A	1.5
8	☐	1.000		7187597.74		A	1.4

159 Tb (ISTD) [He]

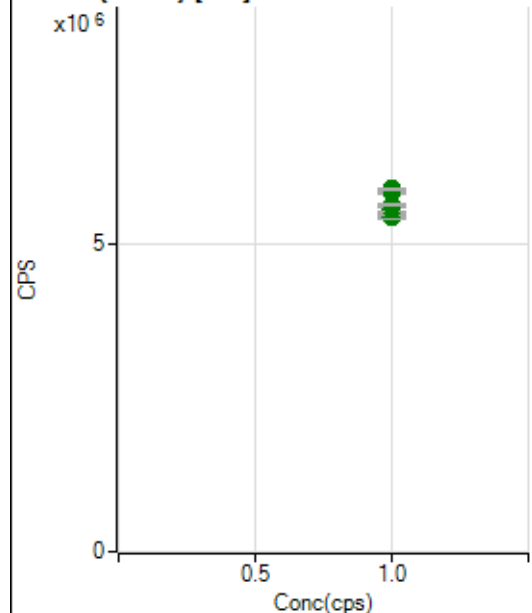
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5397586.31		A	0.7
2	☐	1.000		5464482.35		A	2.1
3	☐	1.000		5435728.60		A	0.5
4	☐	1.000		5507256.45		A	1.3
5	☐	1.000		5562961.58		A	1.1
6	☐	1.000		5623805.26		A	1.2
7	☐	1.000		5777150.82		A	0.9
8	☐	1.000		5801980.26		A	0.9

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6428138.86		A	2.0
2	☐	1.000		6552346.99		A	0.3
3	☐	1.000		6655827.26		A	1.1
4	☐	1.000		6692053.23		A	0.8
5	☐	1.000		6745817.40		A	0.8
6	☐	1.000		7023031.49		A	0.9
7	☐	1.000		6952237.81		A	1.5
8	☐	1.000		6982681.35		A	0.3

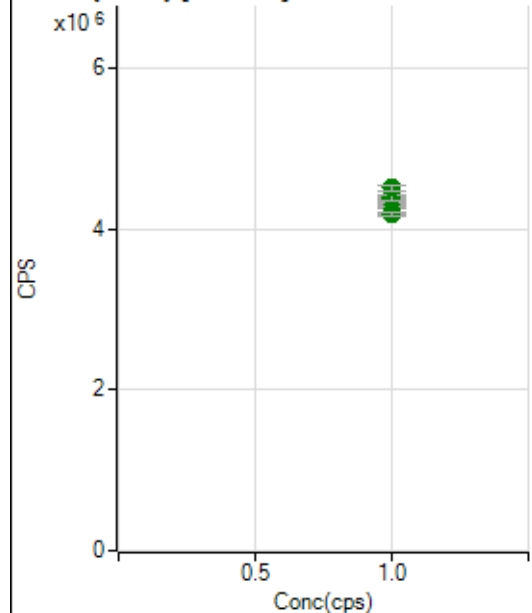
Calibration for 011CAL.S.d

165 Ho (ISTD) [He]

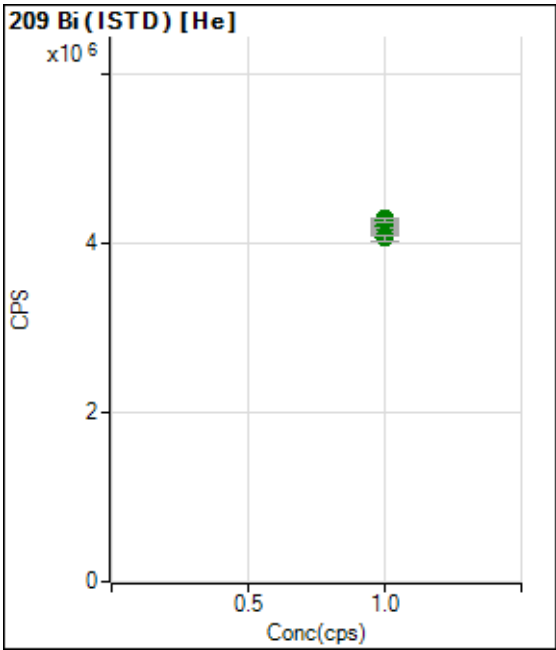


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5500088.46		A	1.0
2	☐	1.000		5407556.65		A	0.6
3	☐	1.000		5429282.18		A	1.1
4	☐	1.000		5538805.40		A	1.2
5	☐	1.000		5622777.97		A	0.7
6	☐	1.000		5833494.08		A	0.8
7	☐	1.000		5856947.90		A	1.5
8	☐	1.000		5878527.13		A	0.5

209 Bi (ISTD) [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4221596.22		A	1.8
2	☐	1.000		4307050.25		A	0.3
3	☐	1.000		4333405.18		A	2.0
4	☐	1.000		4352933.79		A	1.5
5	☐	1.000		4369049.27		A	1.1
6	☐	1.000		4393801.60		A	1.2
7	☐	1.000		4515773.82		A	1.7
8	☐	1.000		4193610.94		A	0.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4197329.42		A	0.6
2	☐	1.000		4182608.41		A	0.8
3	☐	1.000		4128032.40		A	0.3
4	☐	1.000		4203371.85		A	1.3
5	☐	1.000		4243955.28		A	2.3
6	☐	1.000		4290213.37		A	0.6
7	☐	1.000		4279543.75		A	1.3
8	☐	1.000		4067115.63		A	1.7

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7072425-MS.b
Acq. Date-Time 2025-07-24 09:43:36
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		6168	61675.81			0.791	5.000
24		154656	1546559.26			0.585	5.000
25		17208	172079.86			0.347	5.000
26		20254	202536.90			0.315	5.000
59		86864	868640.91			0.447	5.000
113		8670	86700.28			0.764	5.000
115		115515	1155154.57			0.903	5.000
206		19944	199437.48			1.477	5.000
207		17469	174686.04			1.890	5.000
208		42304	423044.64			1.589	5.000
220		0	3.40			24.164	

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

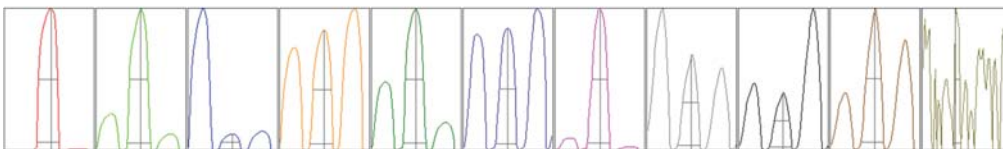
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	6221	6159	6208	6152	6098
24	155130	153588	155701	153831	155030
25	17299	17156	17159	17233	17192
26	20345	20182	20205	20268	20268
59	87116	86690	86736	86394	87385
113	8733	8721	8675	8655	8566
115	116547	116662	114310	115181	114877
206	20188	20162	20124	19634	19610
207	17774	17684	17663	17147	17075
208	43102	42746	42426	41761	41487

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	10310.79	9.10	8.90 - 9.10	
24	266987.14	24.00	23.90 - 24.10	
25	29572.54	25.00	24.90 - 25.10	
26	34654.01	26.00	25.90 - 26.10	
59	153736.21	59.00	58.90 - 59.10	
113	16671.81	113.00	112.90 - 113.10	
115	223439.71	115.05	114.90 - 115.10	
206	40815.65	206.00	205.90 - 206.10	
207	35557.70	207.00	206.90 - 207.10	
208	86631.41	208.00	207.90 - 208.10	
220	0.70	219.65	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.740	0.900	
24	0.62	0.782	0.900	
25	0.62	0.761	0.900	
26	0.62	0.780	0.900	
59	0.60	0.775	0.900	
113	0.53	0.719	0.900	
115	0.51	0.759	0.900	
206	0.51	0.760	0.900	
207	0.50	0.767	0.900	
208	0.51	0.770	0.900	
220	0.19	0.244		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 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	0.0 V	Omega Lens	8.3 V	Deflect	15.4 V
Extract 2	-175.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-75 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

Mass Gain	138	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.17		

Hardware Settings

Torch

Torch H	-1.8 mm	Torch V	0.3 mm
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EM

Discriminator	4.7 mV	Analog HV	2319 V	Pulse HV	1152 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		28035	280345.47			0.619	
89		84342	843415.01			0.811	
205		26518	265178.74			0.969	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	28260	28080	28000	27778	28055
89	84385	84210	84873	83262	84979
205	26859	26538	26250	26282	26660

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 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	0.0 V	Omega Lens	9.4 V	Deflect	3.8 V
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US EPA Tune Check Report

Extract 2	-190.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-90 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	138	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.17		
Hardware Settings					
Torch					
Torch H	-1.8 mm	Torch V	0.3 mm		
EM					
Discriminator	4.7 mV	Analog HV	2319 V	Pulse HV	1152 V

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:42:36 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	-0.25	0.14	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.01	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.03	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.65	-0.52	-0.13	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.01	0.00	0.00	N/A	ppb
Calcium	43-1	-1.63	1.24	0.39	0.00	N/A	ppb
Calcium	44-1	-1.95	-2.30	4.25	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	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	56-2	-0.02	0.09	-0.07	0.00	N/A	ppb
Iron	57-2	-0.76	1.09	-0.33	0.00	N/A	ppb
Iron	54-2	0.09	-0.62	0.53	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:42:36 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.04	0.10	-0.06	0.00	N/A	ppb
Manganese	55-2	0.04	-0.02	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.02	0.00	N/A	ppb
Phosphorus	31-2	-124.50	-134.30	-132.90	-130.56		ppb
Potassium	39-2	-0.93	1.28	-0.36	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.09	-0.08	-0.01	0.00	N/A	ppb
Selenium	77-2	0.17	-0.09	-0.09	0.00	N/A	ppb
Selenium	78-2	0.51	0.42	-0.93	0.00	N/A	ppb
Silicon	28-1	0.25	-0.12	-0.13	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.07	-0.56	0.49	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	164.42	-136.75	-158.27	-43.53		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	-0.02	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:42:36 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	0.06	-0.09	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 : LB136601 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:49:12 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.15	15.73	15.29	15.72	2.71	ppb
Antimony	121-1	1.67	1.75	1.72	1.71	2.42	ppb
Arsenic	75-2	1.16	1.15	1.27	1.20	5.68	ppb
Barium	135-1	7.86	8.23	8.24	8.11	2.67	ppb
Barium	137-1	8.01	8.28	8.29	8.19	1.96	ppb
Beryllium	9-1	1.17	1.11	1.17	1.15	3.07	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.12	0.75	1.02	0.96	19.77	ppb
Cadmium	106-1	-0.02	-0.49	0.70	0.06	951.12	ppb
Cadmium	111-1	0.96	0.93	0.97	0.95	1.92	ppb
Calcium	43-1	393.81	421.04	409.05	407.97	3.35	ppb
Calcium	44-1	402.79	412.86	420.46	412.03	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.69	1.76	1.92	1.79	6.53	ppb
Cobalt	59-2	0.97	0.88	0.91	0.92	5.25	ppb
Copper	63-2	1.68	1.63	1.66	1.66	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	41.79	41.35	41.90	41.68	0.69	ppb
Iron	57-2	41.30	39.52	42.51	41.11	3.66	ppb
Iron	54-2	42.15	43.16	42.35	42.55	1.25	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:49:12 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.68	0.66	0.68	0.68	1.47	ppb
Lead	207-1	0.69	0.67	0.72	0.69	3.84	ppb
Lead	208-1	0.68	0.67	0.69	0.68	1.00	ppb
Lithium	6-1				103		%
Magnesium	24-2	385.67	387.09	387.66	386.81	0.26	ppb
Manganese	55-2	2.58	2.51	2.67	2.59	3.14	ppb
Molybdenum	94-1	4.87	5.47	5.21	5.18	5.80	ppb
Molybdenum	95-1	4.24	4.31	4.29	4.28	0.88	ppb
Molybdenum	96-1	4.29	4.39	4.45	4.38	1.81	ppb
Molybdenum	97-1	4.18	4.29	4.39	4.29	2.46	ppb
Molybdenum	98-1	4.07	4.45	4.34	4.29	4.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.96	1.02	0.96	6.66	ppb
Phosphorus	31-2	139.91	111.59	140.19	130.56	12.59	ppb
Potassium	39-2	405.09	394.68	397.41	399.06	1.35	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	4.06	4.77	5.76	4.86	17.58	ppb
Selenium	77-2	7.01	7.83	6.80	7.22	7.57	ppb
Selenium	78-2	4.95	6.79	5.29	5.68	17.19	ppb
Silicon	28-1	-0.21	-0.03	-0.05	-0.10		ppb
Silver	107-1	0.91	0.95	1.00	0.95	4.36	ppb
Silver	109-1	0.90	0.92	0.97	0.93	3.92	ppb
Sodium	23-2	395.36	391.30	397.02	394.56	0.75	ppb
Strontium	86-1	0.86	0.87	0.91	0.88	3.08	ppb
Strontium	88-1	0.84	0.84	0.87	0.85	2.02	ppb
Sulfur	34-1	-12.52	75.83	67.29	43.53	111.94	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.84	0.82	0.89	0.85	3.95	ppb
Thallium	205-1	0.82	0.82	0.87	0.84	3.72	ppb
Tin	118-1	4.13	4.40	4.26	4.26	3.18	ppb
Titanium	47-1	3.95	4.13	4.60	4.23	7.99	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:49:12 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.79	0.78	0.78	0.93	ppb
Vanadium	51-2	4.32	4.25	4.27	4.28	0.78	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	4.45	4.14	4.34	4.31	3.67	ppb
Zirconium	90-1	0.88	0.89	0.91	0.89	1.64	ppb
Zirconium	91-1	0.91	0.93	0.92	0.92	0.77	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:52:29 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	874.15	870.97	876.48	873.86	0.32	ppb
Antimony	121-1	43.70	44.39	43.47	43.85	1.09	ppb
Arsenic	75-2	51.82	51.47	53.89	52.39	2.50	ppb
Barium	135-1	213.39	215.09	212.42	213.63	0.63	ppb
Barium	137-1	217.61	218.64	217.02	217.76	0.38	ppb
Beryllium	9-1	55.99	56.45	55.81	56.08	0.59	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	54.01	52.75	51.86	52.88	2.04	ppb
Cadmium	106-1	53.14	52.22	51.74	52.37	1.36	ppb
Cadmium	111-1	52.54	54.19	52.64	53.12	1.74	ppb
Calcium	43-1	4396.77	4424.08	4399.25	4406.70	0.34	ppb
Calcium	44-1	4724.98	4791.41	4881.00	4799.13	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.47	45.49	45.91	45.95	1.06	ppb
Cobalt	59-2	45.49	45.30	45.55	45.45	0.29	ppb
Copper	63-2	523.81	516.91	518.17	519.63	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	2477.52	2428.80	2493.20	2466.51	1.36	ppb
Iron	57-2	2239.52	2213.05	2239.39	2230.65	0.68	ppb
Iron	54-2	2288.99	2269.39	2269.05	2275.81	0.50	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:52:29 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	211.12	206.47	207.58	208.39	1.17	ppb
Lead	207-1	208.68	201.74	205.10	205.17	1.69	ppb
Lead	208-1	231.26	228.25	225.61	228.38	1.24	ppb
Lithium	6-1				103		%
Magnesium	24-2	4916.86	4857.22	5094.52	4956.20	2.49	ppb
Manganese	55-2	454.21	445.22	451.49	450.30	1.02	ppb
Molybdenum	94-1	448.87	445.89	443.97	446.24	0.55	ppb
Molybdenum	95-1	519.95	506.40	505.30	510.55	1.60	ppb
Molybdenum	96-1	522.20	517.25	502.84	514.09	1.96	ppb
Molybdenum	97-1	446.47	442.63	438.69	442.60	0.88	ppb
Molybdenum	98-1	502.75	495.50	501.05	499.77	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.41	51.40	51.90	51.90	0.97	ppb
Phosphorus	31-2	917.73	955.94	916.17	929.95	2.42	ppb
Potassium	39-2	2170.52	2144.59	2155.42	2156.85	0.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	53.97	52.11	52.50	52.86	1.85	ppb
Selenium	77-2	55.80	56.14	62.16	58.03	6.16	ppb
Selenium	78-2	50.78	53.11	57.63	53.84	6.47	ppb
Silicon	28-1	59.81	60.70	61.38	60.63	1.30	ppb
Silver	107-1	45.09	46.00	45.45	45.52	1.01	ppb
Silver	109-1	44.58	45.88	44.90	45.12	1.50	ppb
Sodium	23-2	4958.48	4906.48	4933.80	4932.92	0.53	ppb
Strontium	86-1	46.57	45.79	46.06	46.14	0.86	ppb
Strontium	88-1	44.96	44.41	44.29	44.56	0.80	ppb
Sulfur	34-1	1215.10	1058.35	1033.04	1102.16	8.95	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	42.13	40.89	41.85	41.62	1.57	ppb
Thallium	205-1	41.88	40.50	41.16	41.18	1.67	ppb
Tin	118-1	44.32	44.78	43.64	44.25	1.29	ppb
Titanium	47-1	439.05	439.18	441.08	439.77	0.26	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:52:29 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	41.34	40.26	40.54	40.71	1.38	ppb
Vanadium	51-2	45.37	45.06	44.77	45.07	0.67	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	467.62	458.75	465.78	464.05	1.01	ppb
Zirconium	90-1	44.56	44.48	44.17	44.40	0.46	ppb
Zirconium	91-1	45.97	45.98	45.54	45.83	0.55	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:55:38 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2129.52	2133.60	2108.15	2123.76	0.64	ppb
Antimony	121-1	106.40	109.71	110.20	108.77	1.90	ppb
Arsenic	75-2	125.80	132.64	129.43	129.29	2.65	ppb
Barium	135-1	517.86	532.04	540.16	530.02	2.13	ppb
Barium	137-1	527.06	544.78	544.81	538.88	1.90	ppb
Beryllium	9-1	133.28	137.16	137.78	136.07	1.79	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	127.73	129.64	128.81	128.73	0.74	ppb
Cadmium	106-1	128.77	129.70	130.96	129.81	0.85	ppb
Cadmium	111-1	126.14	131.66	131.08	129.63	2.34	ppb
Calcium	43-1	10554.53	11071.70	10865.27	10830.50	2.40	ppb
Calcium	44-1	11920.11	12213.36	11844.64	11992.70	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111.40	112.88	111.31	111.86	0.79	ppb
Cobalt	59-2	111.86	111.83	112.74	112.14	0.46	ppb
Copper	63-2	1256.95	1284.35	1261.59	1267.63	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	6070.71	6110.89	5832.75	6004.78	2.50	ppb
Iron	57-2	5406.69	5444.31	5404.20	5418.40	0.41	ppb
Iron	54-2	5544.72	5634.78	5552.83	5577.44	0.89	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:55:38 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	608.70	611.65	617.89	612.75	0.77	ppb
Lead	207-1	627.53	636.19	617.34	627.02	1.51	ppb
Lead	208-1	623.04	624.01	622.10	623.05	0.15	ppb
Lithium	6-1				104		%
Magnesium	24-2	12042.40	12133.78	12065.41	12080.53	0.39	ppb
Manganese	55-2	1284.17	1278.53	1266.71	1276.47	0.70	ppb
Molybdenum	94-1	1249.94	1263.85	1255.79	1256.53	0.56	ppb
Molybdenum	95-1	1237.58	1291.49	1263.91	1264.33	2.13	ppb
Molybdenum	96-1	1242.06	1265.00	1250.29	1252.45	0.93	ppb
Molybdenum	97-1	1242.23	1270.35	1258.59	1257.06	1.12	ppb
Molybdenum	98-1	1220.01	1248.59	1254.59	1241.06	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.01	128.42	126.44	127.29	0.80	ppb
Phosphorus	31-2	2487.47	2466.57	2450.01	2468.02	0.76	ppb
Potassium	39-2	5839.22	5793.17	5826.68	5819.69	0.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	128.18	132.59	131.74	130.84	1.79	ppb
Selenium	77-2	128.57	129.63	129.00	129.07	0.41	ppb
Selenium	78-2	132.36	129.10	124.47	128.65	3.08	ppb
Silicon	28-1	139.03	141.76	141.07	140.62	1.01	ppb
Silver	107-1	109.30	113.69	113.58	112.19	2.23	ppb
Silver	109-1	109.40	113.31	112.80	111.84	1.90	ppb
Sodium	23-2	12345.37	12303.53	12170.84	12273.24	0.74	ppb
Strontium	86-1	110.86	114.40	113.97	113.08	1.71	ppb
Strontium	88-1	125.58	124.62	126.52	125.57	0.76	ppb
Sulfur	34-1	2557.45	2702.96	2495.53	2585.31	4.12	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	104.47	105.02	104.80	104.77	0.27	ppb
Thallium	205-1	102.89	102.86	102.01	102.59	0.49	ppb
Tin	118-1	107.46	110.91	112.05	110.14	2.17	ppb
Titanium	47-1	1078.18	1114.65	1094.31	1095.71	1.67	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:55:38 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	126.43	124.52	123.76	124.90	1.10	ppb
Vanadium	51-2	110.99	112.03	109.23	110.75	1.28	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	1123.20	1139.26	1128.16	1130.21	0.73	ppb
Zirconium	90-1	108.14	110.71	108.82	109.22	1.22	ppb
Zirconium	91-1	110.82	114.84	114.73	113.47	2.02	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:58:36 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4220.49	4187.13	4193.58	4200.40	0.42	ppb
Antimony	121-1	215.74	213.99	214.52	214.75	0.42	ppb
Arsenic	75-2	255.94	250.79	258.82	255.18	1.59	ppb
Barium	135-1	1245.02	1246.36	1256.31	1249.23	0.49	ppb
Barium	137-1	1276.61	1257.38	1270.54	1268.18	0.78	ppb
Beryllium	9-1	264.09	269.76	269.18	267.68	1.17	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	258.95	252.62	254.89	255.48	1.25	ppb
Cadmium	106-1	255.21	255.14	255.96	255.44	0.18	ppb
Cadmium	111-1	256.49	258.82	255.92	257.08	0.60	ppb
Calcium	43-1	21274.97	21912.31	21764.02	21650.43	1.54	ppb
Calcium	44-1	24111.72	24281.77	23830.34	24074.61	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	223.90	223.47	223.98	223.78	0.12	ppb
Cobalt	59-2	222.99	222.35	221.65	222.33	0.30	ppb
Copper	63-2	2801.76	2828.02	2772.58	2800.79	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				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	11882.94	12053.01	11871.54	11935.83	0.85	ppb
Iron	57-2	10943.64	10894.80	10850.15	10896.20	0.43	ppb
Iron	54-2	12387.42	12208.04	12502.93	12366.13	1.20	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:58:36 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1257.72	1239.90	1312.66	1270.09	2.99	ppb
Lead	207-1	1282.11	1284.95	1309.56	1292.21	1.17	ppb
Lead	208-1	1279.32	1287.39	1296.65	1287.79	0.67	ppb
Lithium	6-1				103		%
Magnesium	24-2	24112.78	24229.22	23627.07	23989.69	1.33	ppb
Manganese	55-2	2536.05	2587.02	2551.10	2558.06	1.02	ppb
Molybdenum	94-1	2447.24	2558.94	2519.47	2508.55	2.26	ppb
Molybdenum	95-1	2493.16	2561.13	2511.58	2521.96	1.39	ppb
Molybdenum	96-1	2478.73	2547.92	2487.85	2504.83	1.50	ppb
Molybdenum	97-1	2487.25	2532.09	2453.12	2490.82	1.59	ppb
Molybdenum	98-1	2494.94	2547.67	2488.77	2510.46	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	352.34	348.89	347.12	349.45	0.76	ppb
Phosphorus	31-2	5152.60	5002.98	5067.35	5074.31	1.48	ppb
Potassium	39-2	11426.58	11863.55	11591.57	11627.23	1.90	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	260.62	265.99	261.41	262.67	1.10	ppb
Selenium	77-2	242.78	252.59	263.22	252.86	4.04	ppb
Selenium	78-2	255.72	246.70	256.82	253.08	2.20	ppb
Silicon	28-1	266.26	270.32	270.84	269.14	0.93	ppb
Silver	107-1	253.14	252.50	250.33	251.99	0.58	ppb
Silver	109-1	249.76	251.08	250.57	250.47	0.27	ppb
Sodium	23-2	24141.01	24496.76	23814.96	24150.91	1.41	ppb
Strontium	86-1	224.35	230.65	225.16	226.72	1.51	ppb
Strontium	88-1	251.33	258.60	253.76	254.57	1.45	ppb
Sulfur	34-1	4852.34	5199.50	5033.77	5028.53	3.45	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	207.68	206.87	211.64	208.73	1.22	ppb
Thallium	205-1	247.68	248.20	250.57	248.81	0.62	ppb
Tin	118-1	220.68	218.92	218.74	219.45	0.49	ppb
Titanium	47-1	2471.22	2537.57	2536.58	2515.13	1.51	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:58:36 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	250.90	249.26	250.23	250.13	0.33	ppb
Vanadium	51-2	221.92	220.84	220.71	221.15	0.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2802.56	2745.32	2804.31	2784.06	1.21	ppb
Zirconium	90-1	250.66	253.62	258.31	254.20	1.52	ppb
Zirconium	91-1	223.95	230.59	226.50	227.01	1.48	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:01:29 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9343.27	9294.59	9311.06	9316.31	0.27	ppb
Antimony	121-1	499.19	498.90	496.91	498.33	0.25	ppb
Arsenic	75-2	500.11	495.77	501.09	498.99	0.57	ppb
Barium	135-1	2495.29	2515.40	2538.94	2516.54	0.87	ppb
Barium	137-1	2510.89	2516.33	2478.92	2502.05	0.81	ppb
Beryllium	9-1	524.59	531.17	529.17	528.31	0.64	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	507.64	503.88	506.98	506.17	0.40	ppb
Cadmium	106-1	507.73	501.75	495.83	501.77	1.19	ppb
Cadmium	111-1	507.15	502.29	502.01	503.81	0.57	ppb
Calcium	43-1	41625.46	44179.39	44020.12	43274.99	3.31	ppb
Calcium	44-1	47027.37	48760.59	48680.10	48156.02	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.32	504.14	495.61	499.69	0.86	ppb
Cobalt	59-2	502.53	520.29	489.16	503.99	3.10	ppb
Copper	63-2	5086.77	5073.20	5082.93	5080.97	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	23682.48	23674.00	23138.72	23498.40	1.33	ppb
Iron	57-2	24088.43	23998.07	23424.80	23837.10	1.51	ppb
Iron	54-2	24000.92	23701.51	23990.72	23897.72	0.71	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:01:29 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2509.17	2508.46	2548.33	2521.99	0.90	ppb
Lead	207-1	2510.98	2545.68	2586.63	2547.76	1.49	ppb
Lead	208-1	2508.27	2520.00	2574.91	2534.39	1.40	ppb
Lithium	6-1				103		%
Magnesium	24-2	47212.00	46479.49	46590.17	46760.55	0.84	ppb
Manganese	55-2	5069.13	4936.10	5044.70	5016.64	1.41	ppb
Molybdenum	94-1	4974.10	5019.19	5094.73	5029.34	1.21	ppb
Molybdenum	95-1	5058.88	5080.51	5019.30	5052.90	0.61	ppb
Molybdenum	96-1	4995.99	5066.47	5049.88	5037.44	0.73	ppb
Molybdenum	97-1	4922.59	4992.77	5052.64	4989.33	1.30	ppb
Molybdenum	98-1	4956.20	5071.41	5097.58	5041.73	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.65	506.20	499.37	502.74	0.68	ppb
Phosphorus	31-2	10349.41	10035.19	9894.21	10092.93	2.31	ppb
Potassium	39-2	23432.51	23472.28	22882.69	23262.49	1.42	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	509.42	514.08	519.35	514.28	0.97	ppb
Selenium	77-2	518.53	502.34	517.00	512.62	1.74	ppb
Selenium	78-2	492.79	506.77	515.38	504.98	2.26	ppb
Silicon	28-1	509.45	525.98	529.98	521.80	2.09	ppb
Silver	107-1	500.67	498.08	501.76	500.17	0.38	ppb
Silver	109-1	500.09	499.77	502.42	500.76	0.29	ppb
Sodium	23-2	47152.26	47616.66	47258.05	47342.32	0.51	ppb
Strontium	86-1	445.84	450.09	452.24	449.39	0.72	ppb
Strontium	88-1	496.52	499.40	502.00	499.31	0.55	ppb
Sulfur	34-1	9653.30	10201.16	10273.62	10042.69	3.38	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	509.70	514.17	527.30	517.06	1.77	ppb
Thallium	205-1	506.97	506.50	517.79	510.42	1.25	ppb
Tin	118-1	497.97	499.80	505.09	500.95	0.74	ppb
Titanium	47-1	4928.49	5192.68	5121.20	5080.79	2.69	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:01:29 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	516.89	510.38	512.75	513.34	0.64	ppb
Vanadium	51-2	504.87	505.79	512.16	507.60	0.78	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	5005.93	5017.43	5091.13	5038.16	0.92	ppb
Zirconium	90-1	506.36	508.09	510.66	508.37	0.43	ppb
Zirconium	91-1	450.41	451.30	454.03	451.91	0.42	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:04:14 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18684.15	19113.96	18642.36	18813.49	1.39	ppb
Antimony	121-1	1007.59	1031.46	996.90	1011.98	1.75	ppb
Arsenic	75-2	997.93	1000.90	996.82	998.55	0.21	ppb
Barium	135-1	4893.98	5155.83	4967.03	5005.61	2.70	ppb
Barium	137-1	4943.51	5116.34	4960.59	5006.81	1.90	ppb
Beryllium	9-1	1025.79	1033.19	880.22	979.74	8.80	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	981.03	1010.54	993.24	994.94	1.49	ppb
Cadmium	106-1	984.10	1018.17	988.84	997.04	1.85	ppb
Cadmium	111-1	980.89	1021.00	984.88	995.59	2.22	ppb
Calcium	43-1	93194.55	97076.89	95331.79	95201.08	2.04	ppb
Calcium	44-1	92800.62	96624.18	94339.93	94588.24	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1004.86	1013.48	1007.32	1008.55	0.44	ppb
Cobalt	59-2	1004.93	1010.39	1004.95	1006.76	0.31	ppb
Copper	63-2	9864.80	9919.57	9859.04	9881.14	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	46796.04	48019.59	46849.81	47221.82	1.46	ppb
Iron	57-2	46199.14	48181.68	47676.49	47352.44	2.18	ppb
Iron	54-2	47582.04	48096.03	47560.88	47746.32	0.63	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:04:14 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5022.12	5033.13	4907.54	4987.60	1.39	ppb
Lead	207-1	4977.98	5028.40	4896.29	4967.55	1.34	ppb
Lead	208-1	4980.58	4995.43	4948.03	4974.68	0.49	ppb
Lithium	6-1				106		%
Magnesium	24-2	92622.90	93363.09	93056.37	93014.12	0.40	ppb
Manganese	55-2	9898.71	9960.60	10069.71	9976.34	0.87	ppb
Molybdenum	94-1	9950.66	10169.48	9835.06	9985.06	1.70	ppb
Molybdenum	95-1	9907.25	10115.57	9874.42	9965.74	1.31	ppb
Molybdenum	96-1	9926.44	10142.65	9868.09	9979.06	1.45	ppb
Molybdenum	97-1	9966.97	10107.88	9954.01	10009.62	0.85	ppb
Molybdenum	98-1	9952.71	10070.58	9909.67	9977.65	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	965.52	981.56	973.08	973.39	0.82	ppb
Phosphorus	31-2	19715.14	20358.30	19753.93	19942.46	1.81	ppb
Potassium	39-2	45631.70	45614.59	45651.49	45632.59	0.04	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	983.77	1004.24	978.45	988.82	1.38	ppb
Selenium	77-2	971.77	1009.75	994.63	992.05	1.93	ppb
Selenium	78-2	977.47	1026.41	984.39	996.09	2.66	ppb
Silicon	28-1	984.19	984.31	977.28	981.93	0.41	ppb
Silver	107-1	993.54	1017.59	992.60	1001.24	1.41	ppb
Silver	109-1	987.12	1025.58	991.47	1001.39	2.10	ppb
Sodium	23-2	94145.87	93619.60	93557.88	93774.45	0.34	ppb
Strontium	86-1	1050.09	1030.54	1017.79	1032.81	1.57	ppb
Strontium	88-1	983.14	1006.82	1008.26	999.41	1.41	ppb
Sulfur	34-1	19755.33	20257.60	19854.32	19955.75	1.33	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	1003.54	1002.89	1007.78	1004.74	0.26	ppb
Thallium	205-1	1003.23	987.37	1004.39	998.33	0.95	ppb
Tin	118-1	1003.69	1028.33	995.91	1009.31	1.68	ppb
Titanium	47-1	9743.66	10103.30	10087.41	9978.12	2.04	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:04:14 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1007.83	980.59	992.90	993.77	1.37	ppb
Vanadium	51-2	991.46	1009.65	1015.20	1005.44	1.24	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	9869.62	10064.72	9845.68	9926.67	1.21	ppb
Zirconium	90-1	983.81	1014.59	992.65	997.02	1.59	ppb
Zirconium	91-1	1024.69	1049.44	1020.18	1031.44	1.53	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:07:03 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98993.64	101106.92	100968.39	100356.32	1.18	ppb
Antimony	121-1	0.72	0.69	0.76	0.72	4.79	ppb
Arsenic	75-2	1.11	1.16	1.25	1.17	5.97	ppb
Barium	135-1	2.48	2.41	2.30	2.40	3.77	ppb
Barium	137-1	2.44	2.45	2.41	2.43	0.72	ppb
Beryllium	9-1	0.13	0.10	0.15	0.12	19.41	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.84	0.85	0.84	0.85	0.74	ppb
Cadmium	106-1	0.46	0.02	-0.52	-0.01		ppb
Cadmium	111-1	0.50	0.52	0.50	0.51	2.52	ppb
Calcium	43-1	491705.17	504041.33	509796.08	501847.53	1.84	ppb
Calcium	44-1	494294.61	507163.47	502525.31	501327.80	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.58	4.62	4.59	4.60	0.50	ppb
Cobalt	59-2	1.64	1.63	1.61	1.62	0.94	ppb
Copper	63-2	1.22	1.16	1.04	1.14	7.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	249768.30	253255.17	249197.94	250740.47	0.88	ppb
Iron	57-2	250931.41	248464.79	252852.23	250749.48	0.88	ppb
Iron	54-2	249256.96	252247.26	250255.93	250586.72	0.61	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:07:03 DataFile Name : 012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.12	1.11	1.07	1.10	2.45	ppb
Lead	207-1	1.06	1.08	1.05	1.06	1.59	ppb
Lead	208-1	1.10	1.08	1.07	1.08	1.37	ppb
Lithium	6-1				99		%
Magnesium	24-2	505871.63	496997.48	502478.92	501782.67	0.89	ppb
Manganese	55-2	3.69	3.64	3.68	3.67	0.70	ppb
Molybdenum	94-1	2.88	2.73	2.84	2.82	2.65	ppb
Molybdenum	95-1	1.52	1.57	1.59	1.56	2.22	ppb
Molybdenum	96-1	2.95	2.93	2.92	2.93	0.67	ppb
Molybdenum	97-1	1.62	1.47	1.53	1.54	4.63	ppb
Molybdenum	98-1	1.60	1.54	1.55	1.57	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.70	4.03	3.63	3.78	5.66	ppb
Phosphorus	31-2	-126.07	-135.22	-123.25	-128.18		ppb
Potassium	39-2	250428.90	251501.01	251385.88	251105.26	0.23	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	1.56	1.48	0.86	1.30	29.56	ppb
Selenium	77-2	0.85	0.84	0.39	0.69	37.80	ppb
Selenium	78-2	-0.44	1.96	-0.73	0.26	559.62	ppb
Silicon	28-1	1.01	1.15	1.17	1.11	8.07	ppb
Silver	107-1	0.11	0.11	0.10	0.11	4.64	ppb
Silver	109-1	0.11	0.10	0.10	0.10	4.07	ppb
Sodium	23-2	507616.68	494964.75	502097.91	501559.78	1.26	ppb
Strontium	86-1	12.62	12.83	12.81	12.75	0.93	ppb
Strontium	88-1	12.20	12.46	12.59	12.42	1.57	ppb
Sulfur	34-1	-1765.15	-1896.28	-1969.73	-1877.05		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.81	0.80	0.79	0.80	0.91	ppb
Thallium	205-1	0.81	0.78	0.80	0.80	1.97	ppb
Tin	118-1	0.22	0.24	0.22	0.23	6.89	ppb
Titanium	47-1	0.62	0.80	0.70	0.71	12.80	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:07:03 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.03	0.03	10.45	ppb
Vanadium	51-2	0.33	0.34	0.32	0.33	2.27	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	4.25	4.36	4.60	4.40	4.12	ppb
Zirconium	90-1	0.81	0.80	0.80	0.80	0.25	ppb
Zirconium	91-1	0.85	0.80	0.81	0.82	2.99	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:25:21 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1616.27	1628.90	1605.33	1616.83	0.73	ppb
Antimony	121-1	405.22	431.46	419.67	418.79	3.14	ppb
Arsenic	75-2	428.17	433.28	437.72	433.06	1.10	ppb
Barium	135-1	1657.18	1759.46	1739.35	1718.66	3.15	ppb
Barium	137-1	1696.38	1776.10	1699.99	1724.16	2.61	ppb
Beryllium	9-1	48.24	48.33	47.04	47.87	1.51	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	237.97	256.24	244.47	246.23	3.76	ppb
Cadmium	106-1	244.94	256.84	245.95	249.24	2.65	ppb
Cadmium	111-1	216.98	222.99	216.78	218.91	1.61	ppb
Calcium	43-1	3823.47	3807.43	3880.08	3836.99	0.99	ppb
Calcium	44-1	4022.40	4043.32	4140.58	4068.77	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152.24	152.76	151.03	152.01	0.58	ppb
Cobalt	59-2	443.56	436.94	435.72	438.74	0.96	ppb
Copper	63-2	184.84	186.39	185.43	185.56	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	803.98	817.58	821.20	814.26	1.11	ppb
Iron	57-2	733.98	742.70	722.93	733.21	1.35	ppb
Iron	54-2	823.96	826.69	823.07	824.57	0.23	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:25:21 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	412.76	406.55	405.69	408.33	0.94	ppb
Lead	207-1	333.28	333.14	340.23	335.55	1.21	ppb
Lead	208-1	393.65	390.53	393.93	392.70	0.48	ppb
Lithium	6-1				94		%
Magnesium	24-2	3746.14	3793.32	3626.92	3722.13	2.30	ppb
Manganese	55-2	362.71	362.59	365.26	363.52	0.41	ppb
Molybdenum	94-1	5221.96	5417.36	5404.16	5347.83	2.04	ppb
Molybdenum	95-1	5227.68	5393.25	5345.42	5322.11	1.60	ppb
Molybdenum	96-1	5205.89	5279.62	5343.63	5276.38	1.31	ppb
Molybdenum	97-1	5141.19	5282.18	5328.12	5250.49	1.86	ppb
Molybdenum	98-1	5179.60	5280.58	5376.22	5278.80	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	430.56	430.87	424.72	428.72	0.81	ppb
Phosphorus	31-2	-135.03	-135.33	-131.54	-133.96		ppb
Potassium	39-2	3985.63	3965.26	3973.85	3974.92	0.26	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	426.35	439.45	443.22	436.34	2.03	ppb
Selenium	77-2	423.66	443.91	429.93	432.50	2.40	ppb
Selenium	78-2	436.74	430.31	443.95	437.00	1.56	ppb
Silicon	28-1	45.10	46.09	46.42	45.87	1.50	ppb
Silver	107-1	209.44	220.33	205.49	211.75	3.63	ppb
Silver	109-1	211.93	187.22	182.29	193.82	8.19	ppb
Sodium	23-2	3993.66	3959.19	3866.91	3939.92	1.66	ppb
Strontium	86-1	486.24	498.49	499.91	494.88	1.52	ppb
Strontium	88-1	549.52	560.53	559.17	556.41	1.08	ppb
Sulfur	34-1	-1772.99	-2021.64	-2101.54	-1965.39		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	411.19	409.28	409.23	409.90	0.27	ppb
Thallium	205-1	412.58	405.81	407.17	408.52	0.88	ppb
Tin	118-1	547.03	575.56	563.31	561.97	2.55	ppb
Titanium	47-1	4979.64	4981.86	5058.03	5006.51	0.89	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:25:21 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	553.11	537.88	554.59	548.53	1.69	ppb
Vanadium	51-2	427.34	374.41	371.72	391.16	8.02	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	381.34	381.23	378.20	380.26	0.47	ppb
Zirconium	90-1	544.44	551.41	548.57	548.14	0.64	ppb
Zirconium	91-1	479.46	493.79	494.67	489.31	1.74	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:34:48 DataFile Name : 014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.90	16.14	15.62	15.22	7.70	ppb
Antimony	121-1	1.85	1.85	1.86	1.85	0.14	ppb
Arsenic	75-2	1.13	1.13	1.11	1.12	1.14	ppb
Barium	135-1	8.80	8.94	8.96	8.90	0.99	ppb
Barium	137-1	9.17	8.99	8.86	9.01	1.69	ppb
Beryllium	9-1	1.27	1.35	1.12	1.25	9.34	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.66	1.05	1.01	1.24	29.55	ppb
Cadmium	106-1	-0.36	-2.22	-0.56	-1.05		ppb
Cadmium	111-1	1.03	1.12	1.16	1.10	5.81	ppb
Calcium	43-1	427.93	441.22	473.11	447.42	5.19	ppb
Calcium	44-1	450.15	469.97	464.94	461.69	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.85	1.86	1.91	1.87	1.65	ppb
Cobalt	59-2	1.00	0.99	0.93	0.97	3.86	ppb
Copper	63-2	1.95	1.93	1.87	1.92	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	45.33	45.45	44.68	45.15	0.91	ppb
Iron	57-2	47.77	50.60	47.66	48.68	3.43	ppb
Iron	54-2	45.99	46.85	46.91	46.59	1.10	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:34:48 DataFile Name : 014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.91	0.88	0.82	0.87	5.43	ppb
Lead	207-1	0.82	0.93	0.92	0.89	6.95	ppb
Lead	208-1	0.87	0.90	0.88	0.88	1.57	ppb
Lithium	6-1				92		%
Magnesium	24-2	403.65	400.67	401.99	402.10	0.37	ppb
Manganese	55-2	2.80	2.67	2.65	2.71	2.91	ppb
Molybdenum	94-1	5.24	5.41	5.25	5.30	1.84	ppb
Molybdenum	95-1	4.37	4.69	4.50	4.52	3.57	ppb
Molybdenum	96-1	4.54	4.76	4.47	4.59	3.36	ppb
Molybdenum	97-1	4.50	4.52	4.39	4.47	1.56	ppb
Molybdenum	98-1	4.56	4.61	4.51	4.56	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.18	1.07	1.11	4.95	ppb
Phosphorus	31-2	-97.09	-91.71	-100.65	-96.48		ppb
Potassium	39-2	433.09	437.67	428.69	433.15	1.04	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	4.81	5.97	5.71	5.50	11.04	ppb
Selenium	77-2	5.64	3.07	3.96	4.23	30.81	ppb
Selenium	78-2	4.24	7.92	6.96	6.37	29.98	ppb
Silicon	28-1	-0.11	0.33	0.45	0.22	132.51	ppb
Silver	107-1	0.94	0.96	0.96	0.95	1.68	ppb
Silver	109-1	0.96	0.96	0.92	0.95	2.50	ppb
Sodium	23-2	422.17	424.26	422.71	423.05	0.26	ppb
Strontium	86-1	0.89	1.01	0.89	0.93	7.65	ppb
Strontium	88-1	0.90	0.91	0.92	0.91	1.23	ppb
Sulfur	34-1	-2022.36	-1725.69	-1675.58	-1807.88		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.87	0.90	0.87	0.88	2.29	ppb
Thallium	205-1	0.86	0.87	0.85	0.86	1.22	ppb
Tin	118-1	4.63	4.56	4.62	4.60	0.87	ppb
Titanium	47-1	4.14	4.61	4.39	4.38	5.38	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:34:48 DataFile Name : 014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.87	0.84	0.84	3.00	ppb
Vanadium	51-2	4.74	4.59	4.50	4.61	2.68	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	5.05	5.05	4.96	5.02	1.07	ppb
Zirconium	90-1	0.84	0.87	0.87	0.86	2.06	ppb
Zirconium	91-1	0.95	1.01	0.91	0.96	5.59	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:38:04 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.56	-0.57	-0.59	-0.58		ppb
Antimony	121-1	0.01	0.02	0.01	0.01	63.50	ppb
Arsenic	75-2	0.01	0.00	-0.02	0.00		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	146.35	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.00	0.06	0.04	89.59	ppb
Cadmium	106-1	-0.64	-1.20	-3.36	-1.74		ppb
Cadmium	111-1	-0.01	-0.01	-0.03	-0.02		ppb
Calcium	43-1	2.73	0.84	1.62	1.73	54.86	ppb
Calcium	44-1	8.02	6.39	7.21	7.21	11.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.05	-0.01	0.02	165.08	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	39.97	ppb
Copper	63-2	-0.04	-0.05	-0.04	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	0.73	0.66	0.79	0.73	9.31	ppb
Iron	57-2	0.16	1.22	1.08	0.82	69.96	ppb
Iron	54-2	-0.01	1.11	1.66	0.92	92.41	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:38:04 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.05	0.03	0.04	18.99	ppb
Lead	207-1	0.04	0.04	0.04	0.04	1.64	ppb
Lead	208-1	0.03	0.04	0.03	0.03	21.32	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.00	0.09	0.08	0.05	88.36	ppb
Manganese	55-2	-0.71	-0.68	-0.71	-0.70		ppb
Molybdenum	94-1	0.01	0.02	0.01	0.01	67.63	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.02	34.50	ppb
Molybdenum	96-1	0.01	0.04	0.03	0.03	55.67	ppb
Molybdenum	97-1	0.00	0.01	0.02	0.01	120.98	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.00	183.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.00	0.02	0.02	95.19	ppb
Phosphorus	31-2	-137.85	-133.09	-126.48	-132.47		ppb
Potassium	39-2	5.09	6.24	7.60	6.31	19.91	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	0.26	-0.37	-0.34	-0.15		ppb
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	-0.64	0.22	1.57	0.38	290.23	ppb
Silicon	28-1	-0.27	-0.40	-0.42	-0.36		ppb
Silver	107-1	0.01	0.01	0.00	0.01	65.39	ppb
Silver	109-1	0.01	0.01	0.00	0.01	46.72	ppb
Sodium	23-2	12.75	13.98	13.70	13.48	4.76	ppb
Strontium	86-1	-0.01	-0.01	0.05	0.01	344.82	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	7.32	ppb
Sulfur	34-1	-1650.33	-1850.11	-1905.87	-1802.11		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.02	0.02	0.01	42.74	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.48	ppb
Tin	118-1	0.06	0.04	0.06	0.05	19.33	ppb
Titanium	47-1	0.03	0.08	0.04	0.05	52.28	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:38:04 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	0.05	-0.05	-0.02	0.00		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	43.10	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	42.04	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:41:22 DataFile Name : 016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91051.54	88558.43	90649.75	90086.57	1.49	ppb
Antimony	121-1	1.04	1.02	1.00	1.02	1.66	ppb
Arsenic	75-2	0.23	0.33	0.36	0.31	21.20	ppb
Barium	135-1	1.26	1.30	1.31	1.29	1.97	ppb
Barium	137-1	1.22	1.29	1.28	1.26	2.78	ppb
Beryllium	9-1	0.36	0.33	0.30	0.33	9.08	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.62	7.16	7.23	7.34	3.42	ppb
Cadmium	106-1	-2.38	-1.11	-2.16	-1.88		ppb
Cadmium	111-1	0.33	0.42	0.39	0.38	12.28	ppb
Calcium	43-1	100336.18	97111.99	98487.66	98645.27	1.64	ppb
Calcium	44-1	99029.91	98591.23	98358.96	98660.03	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.15	19.04	19.29	19.16	0.66	ppb
Cobalt	59-2	1.18	1.23	1.18	1.20	2.41	ppb
Copper	63-2	7.26	7.27	7.14	7.22	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				111		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	98181.33	99417.09	99228.28	98942.23	0.67	ppb
Iron	57-2	100023.24	100203.05	98176.88	99467.72	1.13	ppb
Iron	54-2	98123.38	99885.35	100180.03	99396.25	1.12	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:41:22 DataFile Name : 016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.03	4.13	4.41	4.19	4.64	ppb
Lead	207-1	3.69	3.64	3.84	3.72	2.72	ppb
Lead	208-1	3.83	3.84	3.94	3.87	1.64	ppb
Lithium	6-1				94		%
Magnesium	24-2	90870.37	90220.86	90597.46	90562.90	0.36	ppb
Manganese	55-2	6.57	6.74	6.71	6.67	1.33	ppb
Molybdenum	94-1	1698.74	1779.29	1710.08	1729.37	2.52	ppb
Molybdenum	95-1	2044.50	2211.00	2071.95	2109.15	4.23	ppb
Molybdenum	96-1	2001.45	2140.01	2053.81	2065.09	3.39	ppb
Molybdenum	97-1	2026.32	2156.96	2075.02	2086.10	3.16	ppb
Molybdenum	98-1	2024.68	2165.29	2094.62	2094.86	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.67	5.40	5.63	5.57	2.63	ppb
Phosphorus	31-2	105097.25	104277.40	104750.77	104708.47	0.39	ppb
Potassium	39-2	96066.29	96597.99	97570.21	96744.83	0.79	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	-0.54	0.14	-0.14	-0.18		ppb
Selenium	77-2	-0.09	0.15	0.15	0.07	185.58	ppb
Selenium	78-2	-0.32	1.06	-1.53	-0.26		ppb
Silicon	28-1	0.52	0.60	0.58	0.56	7.70	ppb
Silver	107-1	0.05	0.04	0.04	0.04	16.73	ppb
Silver	109-1	0.06	0.05	0.04	0.05	23.92	ppb
Sodium	23-2	100490.13	98831.50	99484.19	99601.94	0.84	ppb
Strontium	86-1	31.47	32.62	31.61	31.90	1.96	ppb
Strontium	88-1	30.14	31.68	30.86	30.90	2.49	ppb
Sulfur	34-1	138106.40	130667.63	132038.96	133604.33	2.96	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.05	0.05	0.05	5.30	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	12.30	ppb
Tin	118-1	0.41	0.53	0.57	0.50	16.05	ppb
Titanium	47-1	2105.64	2122.62	2138.87	2122.37	0.78	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:41:22 DataFile Name : 016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	4.31	ppb
Vanadium	51-2	0.15	0.16	0.18	0.16	9.92	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	10.85	10.94	10.59	10.80	1.69	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	7.87	ppb
Zirconium	91-1	0.03	0.03	0.05	0.04	26.88	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:49:36 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88408.24	88057.49	87161.18	87875.64	0.73	ppb
Antimony	121-1	19.27	18.38	19.26	18.97	2.68	ppb
Arsenic	75-2	20.60	21.87	21.50	21.32	3.07	ppb
Barium	135-1	19.49	18.87	19.07	19.15	1.66	ppb
Barium	137-1	19.32	18.77	19.47	19.19	1.92	ppb
Beryllium	9-1	23.34	24.43	23.74	23.84	2.31	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	26.76	27.61	25.40	26.59	4.18	ppb
Cadmium	106-1	15.37	15.48	15.86	15.57	1.65	ppb
Cadmium	111-1	22.10	20.59	21.85	21.52	3.76	ppb
Calcium	43-1	96097.10	97640.94	101410.82	98382.95	2.78	ppb
Calcium	44-1	97945.83	95946.76	100395.33	98095.97	2.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.58	43.23	43.48	43.43	0.42	ppb
Cobalt	59-2	20.08	20.07	19.90	20.02	0.51	ppb
Copper	63-2	26.14	25.57	25.72	25.81	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				114		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	98738.24	97681.85	98447.59	98289.23	0.56	ppb
Iron	57-2	96744.55	99152.85	98611.31	98169.57	1.29	ppb
Iron	54-2	99683.72	99113.79	97897.74	98898.42	0.92	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:49:36 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.08	24.65	24.31	24.68	1.56	ppb
Lead	207-1	22.83	23.36	23.74	23.31	1.94	ppb
Lead	208-1	23.56	23.58	23.82	23.66	0.60	ppb
Lithium	6-1				90		%
Magnesium	24-2	88737.04	87275.29	88670.78	88227.70	0.94	ppb
Manganese	55-2	24.50	24.41	24.26	24.39	0.52	ppb
Molybdenum	94-1	1742.01	1671.95	1709.70	1707.89	2.05	ppb
Molybdenum	95-1	2107.02	2070.27	2107.92	2095.07	1.03	ppb
Molybdenum	96-1	2042.78	2038.17	2049.33	2043.43	0.27	ppb
Molybdenum	97-1	2057.24	2050.17	2065.88	2057.77	0.38	ppb
Molybdenum	98-1	2098.04	2078.54	2095.71	2090.76	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.99	30.05	30.29	30.11	0.53	ppb
Phosphorus	31-2	103647.48	103174.98	103719.96	103514.14	0.29	ppb
Potassium	39-2	96158.26	95263.26	97526.42	96315.98	1.18	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	21.73	20.82	21.99	21.51	2.86	ppb
Selenium	77-2	17.41	18.27	18.71	18.13	3.65	ppb
Selenium	78-2	19.81	21.57	19.92	20.43	4.82	ppb
Silicon	28-1	0.60	0.65	0.59	0.61	4.81	ppb
Silver	107-1	18.34	17.48	18.11	17.98	2.47	ppb
Silver	109-1	17.69	17.69	18.26	17.88	1.85	ppb
Sodium	23-2	96868.37	96591.72	96074.21	96511.43	0.42	ppb
Strontium	86-1	32.24	30.82	32.89	31.98	3.31	ppb
Strontium	88-1	31.15	30.25	30.92	30.77	1.52	ppb
Sulfur	34-1	126146.19	126083.79	132373.39	128201.13	2.82	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	18.12	18.73	18.06	18.30	2.00	ppb
Thallium	205-1	17.64	18.03	18.29	17.99	1.80	ppb
Tin	118-1	0.28	0.36	0.42	0.35	20.03	ppb
Titanium	47-1	2087.57	2046.56	2112.67	2082.27	1.60	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:49:36 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.03	0.03	0.03	5.04	ppb
Vanadium	51-2	18.75	18.60	18.46	18.60	0.77	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	28.94	29.21	29.26	29.14	0.59	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	32.28	ppb
Zirconium	91-1	0.03	0.03	0.02	0.02	16.84	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:52:41 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48338.20	48284.28	49220.24	48614.24	1.08	ppb
Antimony	121-1	504.19	516.28	512.34	510.94	1.21	ppb
Arsenic	75-2	510.71	504.64	494.63	503.32	1.61	ppb
Barium	135-1	2562.63	2604.51	2542.64	2569.93	1.23	ppb
Barium	137-1	2545.44	2614.49	2535.47	2565.13	1.68	ppb
Beryllium	9-1	557.73	554.84	564.38	558.98	0.87	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	516.37	520.32	520.04	518.91	0.42	ppb
Cadmium	106-1	508.24	522.55	521.69	517.49	1.55	ppb
Cadmium	111-1	516.44	523.97	527.00	522.47	1.04	ppb
Calcium	43-1	246689.61	254997.51	249201.53	250296.22	1.70	ppb
Calcium	44-1	246513.76	251977.58	254139.06	250876.80	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	524.88	527.04	520.30	524.08	0.66	ppb
Cobalt	59-2	514.46	514.81	515.85	515.04	0.14	ppb
Copper	63-2	5253.25	5330.77	5408.14	5330.72	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	126825.57	126532.37	127795.36	127051.10	0.52	ppb
Iron	57-2	127538.49	128000.51	129498.30	128345.77	0.80	ppb
Iron	54-2	127342.96	127491.46	129647.44	128160.62	1.01	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:52:41 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2585.17	2527.13	2624.93	2579.08	1.91	ppb
Lead	207-1	2574.33	2592.47	2644.75	2603.85	1.40	ppb
Lead	208-1	2584.06	2576.02	2628.20	2596.09	1.08	ppb
Lithium	6-1				90		%
Magnesium	24-2	243126.56	241630.04	251249.31	245335.30	2.11	ppb
Manganese	55-2	5090.32	5137.47	5146.66	5124.81	0.59	ppb
Molybdenum	94-1	5111.75	5135.35	5155.39	5134.16	0.43	ppb
Molybdenum	95-1	5095.27	5187.87	5274.08	5185.74	1.72	ppb
Molybdenum	96-1	5151.77	5123.33	5203.47	5159.53	0.79	ppb
Molybdenum	97-1	5064.26	5052.98	5057.06	5058.10	0.11	ppb
Molybdenum	98-1	5066.77	5133.65	5114.20	5104.87	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.38	499.39	504.07	497.61	1.51	ppb
Phosphorus	31-2	10038.70	10201.99	10401.90	10214.20	1.78	ppb
Potassium	39-2	120911.72	121707.90	124830.48	122483.37	1.69	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	492.78	487.61	500.05	493.48	1.27	ppb
Selenium	77-2	483.91	493.18	490.76	489.28	0.98	ppb
Selenium	78-2	503.67	481.64	480.61	488.64	2.67	ppb
Silicon	28-1	511.65	535.48	522.66	523.26	2.28	ppb
Silver	107-1	516.33	530.68	528.35	525.12	1.47	ppb
Silver	109-1	518.11	523.60	526.22	522.64	0.79	ppb
Sodium	23-2	247079.74	248713.02	245582.03	247124.93	0.63	ppb
Strontium	86-1	458.55	461.99	467.68	462.74	1.00	ppb
Strontium	88-1	514.61	517.58	524.55	518.91	0.98	ppb
Sulfur	34-1	8411.14	8959.12	8549.96	8640.07	3.30	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	527.17	520.50	534.17	527.28	1.30	ppb
Thallium	205-1	518.12	519.18	528.73	522.01	1.12	ppb
Tin	118-1	517.29	508.10	523.04	516.14	1.46	ppb
Titanium	47-1	5092.56	5184.09	5226.90	5167.85	1.33	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:52:41 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	527.92	520.22	526.81	524.99	0.79	ppb
Vanadium	51-2	516.31	528.67	539.87	528.29	2.23	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	5128.13	5173.87	5285.75	5195.92	1.56	ppb
Zirconium	90-1	514.74	522.80	530.88	522.81	1.54	ppb
Zirconium	91-1	454.55	461.36	469.23	461.72	1.59	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:57:59 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-0.29	-0.22	-0.15		ppb
Antimony	121-1	0.05	0.05	0.05	0.05	3.20	ppb
Arsenic	75-2	-0.01	0.00	0.02	0.00	298.52	ppb
Barium	135-1	0.00	0.02	0.01	0.01	145.96	ppb
Barium	137-1	0.01	0.01	0.01	0.01	38.22	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	16.04	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.00	0.09	0.06	90.56	ppb
Cadmium	106-1	-3.15	-2.86	-3.33	-3.11		ppb
Cadmium	111-1	-0.03	-0.02	-0.03	-0.03		ppb
Calcium	43-1	0.15	0.64	0.49	0.43	59.82	ppb
Calcium	44-1	15.36	12.91	13.55	13.94	9.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.00	0.06	0.01	1012.90	ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	34.75	ppb
Copper	63-2	0.04	0.04	0.02	0.03	29.73	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				102		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	1.63	1.76	1.85	1.75	6.36	ppb
Iron	57-2	1.48	0.80	1.55	1.28	32.60	ppb
Iron	54-2	2.06	0.96	1.23	1.42	40.55	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:57:59 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.07	0.06	0.07	19.43	ppb
Lead	207-1	0.07	0.08	0.07	0.07	7.88	ppb
Lead	208-1	0.07	0.06	0.06	0.06	11.08	ppb
Lithium	6-1				89		%
Magnesium	24-2	1.49	1.67	2.02	1.72	15.75	ppb
Manganese	55-2	-1.14	-1.14	-1.09	-1.12		ppb
Molybdenum	94-1	0.06	0.11	0.09	0.09	27.86	ppb
Molybdenum	95-1	0.08	0.08	0.06	0.07	17.05	ppb
Molybdenum	96-1	0.06	0.08	0.08	0.07	18.75	ppb
Molybdenum	97-1	0.08	0.07	0.09	0.08	16.86	ppb
Molybdenum	98-1	0.06	0.07	0.08	0.07	11.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.05	0.01	-0.02		ppb
Phosphorus	31-2	-137.27	-135.38	-132.54	-135.06		ppb
Potassium	39-2	18.76	18.45	21.45	19.55	8.46	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	-0.70	-0.26	-0.37	-0.44		ppb
Selenium	77-2	0.65	-0.09	-0.09	0.16	265.62	ppb
Selenium	78-2	-0.35	1.52	-1.16	0.01	27102.13	ppb
Silicon	28-1	-0.02	-0.32	-0.50	-0.28		ppb
Silver	107-1	0.02	0.02	0.01	0.02	28.23	ppb
Silver	109-1	0.02	0.02	0.02	0.02	21.38	ppb
Sodium	23-2	36.72	35.76	36.36	36.28	1.34	ppb
Strontium	86-1	0.00	0.01	0.03	0.01	133.76	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	23.48	ppb
Sulfur	34-1	-2007.62	-2012.23	-2068.91	-2029.59		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.08	0.09	0.09	7.40	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	2.62	ppb
Tin	118-1	0.02	-0.03	0.01	0.00		ppb
Titanium	47-1	0.03	0.04	0.05	0.04	30.86	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:57:59 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	16.80	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	0.04	0.04	-0.01	0.02	123.57	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	31.97	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	42.11	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:01:19 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.14	15.29	17.64	16.36	7.26	ppb
Antimony	121-1	1.80	1.78	1.73	1.77	1.91	ppb
Arsenic	75-2	0.95	1.08	0.90	0.98	9.85	ppb
Barium	135-1	8.28	8.24	8.32	8.28	0.47	ppb
Barium	137-1	8.55	8.57	8.29	8.47	1.87	ppb
Beryllium	9-1	1.17	1.25	1.00	1.14	11.07	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.17	1.15	0.92	1.08	12.64	ppb
Cadmium	106-1	-0.64	-0.64	-1.43	-0.90		ppb
Cadmium	111-1	0.87	0.90	0.90	0.89	1.57	ppb
Calcium	43-1	410.25	415.86	421.06	415.72	1.30	ppb
Calcium	44-1	434.84	426.93	417.65	426.47	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.75	1.89	1.80	1.81	3.74	ppb
Cobalt	59-2	0.92	0.98	0.95	0.95	3.32	ppb
Copper	63-2	1.77	1.85	1.76	1.79	2.87	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				108		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	43.74	43.42	43.68	43.61	0.39	ppb
Iron	57-2	44.58	44.81	46.65	45.35	2.50	ppb
Iron	54-2	44.31	46.28	44.70	45.10	2.32	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:01:19 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.77	0.78	0.72	0.76	4.50	ppb
Lead	207-1	0.74	0.78	0.79	0.77	3.30	ppb
Lead	208-1	0.74	0.76	0.76	0.75	1.26	ppb
Lithium	6-1				91		%
Magnesium	24-2	383.38	384.07	384.92	384.12	0.20	ppb
Manganese	55-2	2.71	2.86	2.73	2.77	2.97	ppb
Molybdenum	94-1	4.99	5.06	5.10	5.05	1.13	ppb
Molybdenum	95-1	4.29	4.31	4.26	4.29	0.54	ppb
Molybdenum	96-1	4.15	4.20	4.32	4.22	2.06	ppb
Molybdenum	97-1	4.33	4.19	4.29	4.27	1.77	ppb
Molybdenum	98-1	4.19	4.23	4.35	4.26	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.92	0.99	0.95	3.80	ppb
Phosphorus	31-2	106.92	98.07	118.72	107.90	9.60	ppb
Potassium	39-2	420.92	424.77	424.20	423.30	0.49	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	4.86	4.38	4.85	4.70	5.85	ppb
Selenium	77-2	7.70	3.95	4.99	5.55	34.93	ppb
Selenium	78-2	5.86	4.23	6.99	5.70	24.35	ppb
Silicon	28-1	-0.22	-0.13	-0.20	-0.18		ppb
Silver	107-1	0.98	0.96	0.95	0.96	1.56	ppb
Silver	109-1	0.95	1.00	0.96	0.97	2.55	ppb
Sodium	23-2	415.85	418.98	412.18	415.67	0.82	ppb
Strontium	86-1	0.94	0.90	0.98	0.94	4.24	ppb
Strontium	88-1	0.84	0.85	0.86	0.85	1.73	ppb
Sulfur	34-1	-1585.61	-1544.56	-1842.60	-1657.59		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.93	0.99	0.96	0.96	2.88	ppb
Thallium	205-1	0.89	0.94	0.93	0.92	2.68	ppb
Tin	118-1	4.36	4.36	4.34	4.36	0.33	ppb
Titanium	47-1	4.53	4.11	4.25	4.30	4.95	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:01:19 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.82	0.80	0.80	2.83	ppb
Vanadium	51-2	4.38	4.36	4.40	4.38	0.55	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	4.99	4.89	4.74	4.87	2.60	ppb
Zirconium	90-1	0.86	0.87	0.89	0.88	1.88	ppb
Zirconium	91-1	0.85	0.84	0.92	0.87	5.10	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02DL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925DL2 Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:04:35 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1807.68	1798.04	1790.11	1798.61	0.49	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	7.57	ppb
Arsenic	75-2	1.20	1.33	1.28	1.27	5.08	ppb
Barium	135-1	2.49	2.38	2.39	2.42	2.47	ppb
Barium	137-1	2.47	2.35	2.39	2.40	2.47	ppb
Beryllium	9-1	0.35	0.26	0.33	0.31	14.80	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.43	0.31	0.33	0.36	18.07	ppb
Cadmium	106-1	-0.66	-1.99	-1.58	-1.41		ppb
Cadmium	111-1	0.17	0.14	0.19	0.17	13.63	ppb
Calcium	43-1	4952.21	4945.22	5102.09	4999.84	1.77	ppb
Calcium	44-1	5695.87	5619.54	5655.61	5657.00	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.01	1.01	0.98	1.00	1.76	ppb
Cobalt	59-2	4.76	4.72	4.64	4.71	1.31	ppb
Copper	63-2	8.31	8.53	8.34	8.39	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	347.35	344.90	341.75	344.67	0.82	ppb
Iron	57-2	367.69	367.83	366.52	367.35	0.20	ppb
Iron	54-2	357.15	356.04	350.53	354.57	1.00	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02DL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925DL2 Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:04:35 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.68	1.72	1.69	1.70	1.32	ppb
Lead	207-1	1.55	1.64	1.55	1.58	3.35	ppb
Lead	208-1	1.57	1.64	1.60	1.60	2.03	ppb
Lithium	6-1				91		%
Magnesium	24-2	600.02	611.96	594.25	602.08	1.50	ppb
Manganese	55-2	302.47	299.24	302.38	301.36	0.61	ppb
Molybdenum	94-1	0.10	0.09	0.06	0.08	22.75	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	16.98	ppb
Molybdenum	96-1	0.05	0.04	0.02	0.04	35.67	ppb
Molybdenum	97-1	0.04	0.06	0.02	0.04	54.38	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	48.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.02	3.81	3.76	3.86	3.57	ppb
Phosphorus	31-2	91.81	75.35	78.72	81.96	10.61	ppb
Potassium	39-2	797.36	798.26	797.90	797.84	0.06	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	0.09	-0.51	-1.02	-0.48		ppb
Selenium	77-2	2.47	2.99	4.21	3.23	27.60	ppb
Selenium	78-2	-0.93	0.68	0.98	0.24	425.69	ppb
Silicon	28-1	73.63	72.09	71.07	72.26	1.79	ppb
Silver	107-1	0.01	0.02	0.01	0.01	26.52	ppb
Silver	109-1	0.01	0.02	0.01	0.01	19.38	ppb
Sodium	23-2	209.28	214.08	211.62	211.66	1.13	ppb
Strontium	86-1	21.77	23.08	21.55	22.13	3.74	ppb
Strontium	88-1	21.10	21.76	21.01	21.29	1.93	ppb
Sulfur	34-1	7991.84	8077.37	7742.05	7937.09	2.20	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.08	0.08	0.09	0.08	3.62	ppb
Thallium	205-1	0.09	0.09	0.08	0.08	7.41	ppb
Tin	118-1	-0.01	0.02	-0.01	0.00		ppb
Titanium	47-1	0.34	0.39	0.37	0.37	7.27	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02DL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925DL2 Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:04:35 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.32	0.34	0.32	0.33	4.52	ppb
Vanadium	51-2	2.41	2.48	2.58	2.49	3.50	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	32.86	31.96	31.87	32.23	1.71	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	12.11	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	6.48	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02DUPDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925DUP Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:07:51 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1812.78	1804.79	1810.05	1809.21	0.22	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	40.12	ppb
Arsenic	75-2	1.30	1.66	1.47	1.48	11.94	ppb
Barium	135-1	2.47	2.45	2.37	2.43	2.20	ppb
Barium	137-1	2.44	2.45	2.47	2.45	0.54	ppb
Beryllium	9-1	0.28	0.31	0.34	0.31	9.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.19	0.26	0.29	0.25	19.81	ppb
Cadmium	106-1	-2.27	-1.29	-1.81	-1.79		ppb
Cadmium	111-1	0.19	0.23	0.19	0.20	10.22	ppb
Calcium	43-1	5056.28	5254.07	5130.04	5146.80	1.94	ppb
Calcium	44-1	5823.82	5938.43	5560.55	5774.27	3.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.01	1.12	1.01	1.05	6.32	ppb
Cobalt	59-2	4.71	4.71	4.77	4.73	0.78	ppb
Copper	63-2	8.70	8.65	8.70	8.68	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	348.71	349.32	348.69	348.90	0.10	ppb
Iron	57-2	382.28	369.66	378.79	376.91	1.73	ppb
Iron	54-2	351.24	352.04	352.71	352.00	0.21	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02DUPDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925DUP Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:07:51 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.67	1.74	1.77	1.73	2.81	ppb
Lead	207-1	1.65	1.69	1.65	1.66	1.16	ppb
Lead	208-1	1.60	1.67	1.69	1.65	2.88	ppb
Lithium	6-1				90		%
Magnesium	24-2	603.68	606.01	602.99	604.23	0.26	ppb
Manganese	55-2	304.20	305.58	304.93	304.91	0.23	ppb
Molybdenum	94-1	0.04	0.06	0.08	0.06	40.73	ppb
Molybdenum	95-1	0.03	0.03	0.01	0.02	63.89	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.04	12.41	ppb
Molybdenum	97-1	0.02	0.03	-0.01	0.01	143.81	ppb
Molybdenum	98-1	0.02	0.02	0.04	0.02	47.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.98	4.01	4.13	4.04	1.86	ppb
Phosphorus	31-2	72.63	87.13	84.20	81.32	9.43	ppb
Potassium	39-2	813.20	809.33	807.52	810.02	0.36	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	-1.01	-0.63	-0.43	-0.69		ppb
Selenium	77-2	3.67	2.95	1.84	2.82	32.81	ppb
Selenium	78-2	0.74	1.03	2.45	1.41	65.26	ppb
Silicon	28-1	70.73	76.00	72.18	72.97	3.73	ppb
Silver	107-1	0.01	0.00	0.00	0.00	71.57	ppb
Silver	109-1	0.00	0.01	0.01	0.01	41.90	ppb
Sodium	23-2	212.77	212.73	207.92	211.14	1.32	ppb
Strontium	86-1	21.40	22.78	22.86	22.35	3.66	ppb
Strontium	88-1	20.88	21.93	22.01	21.60	2.93	ppb
Sulfur	34-1	7587.45	8749.41	8013.70	8116.85	7.24	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.07	0.08	0.07	12.23	ppb
Thallium	205-1	0.08	0.06	0.07	0.07	12.60	ppb
Tin	118-1	0.00	-0.02	0.00	-0.01		ppb
Titanium	47-1	0.34	0.44	0.40	0.39	12.49	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02DUPDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925DUP Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:07:51 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.33	0.35	0.35	0.34	2.17	ppb
Vanadium	51-2	2.47	2.43	2.46	2.45	0.93	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	32.94	33.42	33.52	33.29	0.92	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	22.90	ppb
Zirconium	91-1	0.04	0.02	0.04	0.03	39.07	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02LDL2X500 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925LDL2 Dilution Factor : 500
Date & Time Acquired : 2025-07-24 12:11:04 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	354.89	362.94	354.15	357.33	1.37	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	84.06	ppb
Arsenic	75-2	0.23	0.28	0.23	0.25	11.98	ppb
Barium	135-1	0.48	0.43	0.43	0.45	6.24	ppb
Barium	137-1	0.49	0.51	0.49	0.50	2.63	ppb
Beryllium	9-1	0.07	0.08	0.09	0.08	14.86	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.03	0.16	0.12	64.75	ppb
Cadmium	106-1	-0.64	-1.50	-1.26	-1.13		ppb
Cadmium	111-1	0.03	0.01	0.03	0.03	38.17	ppb
Calcium	43-1	1019.53	1033.31	1056.68	1036.50	1.81	ppb
Calcium	44-1	1043.92	1064.32	1070.38	1059.54	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.19	0.18	0.18	5.23	ppb
Cobalt	59-2	0.99	0.93	0.97	0.97	3.63	ppb
Copper	63-2	1.68	1.69	1.57	1.65	3.99	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				106		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	70.58	70.12	69.99	70.23	0.44	ppb
Iron	57-2	74.73	74.00	75.30	74.67	0.87	ppb
Iron	54-2	69.66	70.15	68.04	69.28	1.60	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02LDL2X500 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925LDL2 Dilution Factor : 500
Date & Time Acquired : 2025-07-24 12:11:04 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.34	0.40	0.33	0.36	10.50	ppb
Lead	207-1	0.33	0.36	0.38	0.36	7.01	ppb
Lead	208-1	0.34	0.37	0.35	0.35	3.85	ppb
Lithium	6-1				91		%
Magnesium	24-2	119.86	120.25	121.99	120.70	0.94	ppb
Manganese	55-2	59.93	59.94	59.57	59.81	0.35	ppb
Molybdenum	94-1	0.02	-0.01	0.01	0.00	314.81	ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	69.25	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	15.45	ppb
Molybdenum	97-1	0.02	0.02	0.00	0.01	91.35	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	146.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.79	0.83	0.83	5.11	ppb
Phosphorus	31-2	-95.04	-89.71	-90.89	-91.88		ppb
Potassium	39-2	166.06	171.10	168.62	168.59	1.50	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	-0.67	-0.22	-0.66	-0.52		ppb
Selenium	77-2	-0.09	0.63	1.58	0.71	118.12	ppb
Selenium	78-2	-1.45	1.49	-1.73	-0.56		ppb
Silicon	28-1	19.23	19.87	19.90	19.67	1.91	ppb
Silver	107-1	0.00	0.01	0.00	0.00	42.11	ppb
Silver	109-1	0.00	0.00	0.00	0.00	312.01	ppb
Sodium	23-2	55.93	55.16	55.58	55.56	0.69	ppb
Strontium	86-1	4.80	4.63	4.63	4.69	2.07	ppb
Strontium	88-1	4.44	4.30	4.47	4.40	2.00	ppb
Sulfur	34-1	-399.28	-200.23	-253.00	-284.17		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.07	0.03	0.05	0.05	34.10	ppb
Thallium	205-1	0.04	0.06	0.05	0.05	15.43	ppb
Tin	118-1	-0.04	-0.02	-0.01	-0.02		ppb
Titanium	47-1	0.10	0.16	0.11	0.13	25.71	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02LDL2X500 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925LDL2 Dilution Factor : 500
Date & Time Acquired : 2025-07-24 12:11:04 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.07	0.07	0.07	0.61	ppb
Vanadium	51-2	0.48	0.51	0.48	0.49	3.48	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	6.44	6.68	6.50	6.54	1.90	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	52.15	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	55.14	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02MSDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925MSDI Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:14:21 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	751.81	747.95	748.60	749.45	0.28	ppb
Antimony	121-1	3.86	3.86	3.89	3.87	0.41	ppb
Arsenic	75-2	6.06	5.38	5.42	5.62	6.79	ppb
Barium	135-1	17.53	18.42	17.98	17.98	2.48	ppb
Barium	137-1	17.97	18.22	18.22	18.14	0.80	ppb
Beryllium	9-1	4.81	4.85	5.05	4.90	2.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.37	4.47	4.07	4.64	14.33	ppb
Cadmium	106-1	2.10	2.77	3.18	2.68	20.24	ppb
Cadmium	111-1	4.31	4.73	4.78	4.61	5.59	ppb
Calcium	43-1	2297.43	2310.00	2268.79	2292.07	0.92	ppb
Calcium	44-1	2357.62	2346.69	2317.35	2340.55	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.32	4.26	4.21	4.26	1.22	ppb
Cobalt	59-2	5.67	5.77	5.62	5.68	1.40	ppb
Copper	63-2	42.34	42.83	42.20	42.46	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				108		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	299.71	300.05	299.37	299.71	0.11	ppb
Iron	57-2	322.59	310.18	309.76	314.18	2.32	ppb
Iron	54-2	308.67	305.39	305.38	306.48	0.62	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02MSDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925MSDI Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:14:21 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.64	18.83	18.48	18.65	0.94	ppb
Lead	207-1	18.49	18.72	18.43	18.55	0.81	ppb
Lead	208-1	18.52	18.62	18.38	18.51	0.65	ppb
Lithium	6-1				91		%
Magnesium	24-2	573.53	575.58	577.13	575.41	0.31	ppb
Manganese	55-2	154.32	154.25	153.58	154.05	0.27	ppb
Molybdenum	94-1	17.49	17.86	17.79	17.71	1.11	ppb
Molybdenum	95-1	13.54	13.75	13.62	13.64	0.79	ppb
Molybdenum	96-1	13.66	14.15	13.98	13.93	1.77	ppb
Molybdenum	97-1	13.37	13.50	13.59	13.49	0.80	ppb
Molybdenum	98-1	13.45	13.69	13.80	13.65	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.70	5.92	5.86	5.83	1.96	ppb
Phosphorus	31-2	-44.59	-46.09	-32.53	-41.07		ppb
Potassium	39-2	483.10	480.17	483.58	482.28	0.38	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	4.26	4.19	4.08	4.18	2.14	ppb
Selenium	77-2	4.36	3.71	6.25	4.77	27.72	ppb
Selenium	78-2	5.78	4.51	4.57	4.95	14.51	ppb
Silicon	28-1	32.46	32.19	31.15	31.93	2.15	ppb
Silver	107-1	0.66	0.64	0.70	0.67	4.47	ppb
Silver	109-1	0.67	0.66	0.68	0.67	1.75	ppb
Sodium	23-2	429.11	430.49	429.65	429.75	0.16	ppb
Strontium	86-1	12.95	13.13	13.18	13.09	0.92	ppb
Strontium	88-1	12.50	12.84	12.83	12.72	1.54	ppb
Sulfur	34-1	1571.81	1409.09	1335.62	1438.84	8.40	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	3.73	3.73	3.65	3.70	1.29	ppb
Thallium	205-1	3.63	3.64	3.59	3.62	0.67	ppb
Tin	118-1	3.42	4.57	3.43	3.81	17.41	ppb
Titanium	47-1	0.18	0.14	0.18	0.17	13.38	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02MSDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925MSDI Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:14:21 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.54	3.55	3.52	3.54	0.38	ppb
Vanadium	51-2	4.97	4.84	4.82	4.88	1.66	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	52.90	52.45	52.39	52.58	0.53	ppb
Zirconium	90-1	3.52	3.62	3.57	3.57	1.45	ppb
Zirconium	91-1	3.72	3.57	3.74	3.68	2.48	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02MSDDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925MSDI Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:17:38 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	831.79	834.79	825.78	830.79	0.55	ppb
Antimony	121-1	4.32	4.30	4.40	4.34	1.20	ppb
Arsenic	75-2	6.32	6.14	6.33	6.26	1.70	ppb
Barium	135-1	19.88	19.92	19.67	19.82	0.68	ppb
Barium	137-1	19.93	19.95	20.18	20.02	0.69	ppb
Beryllium	9-1	5.13	5.18	5.31	5.21	1.81	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.75	4.96	4.96	4.89	2.47	ppb
Cadmium	106-1	3.60	3.24	2.65	3.16	15.10	ppb
Cadmium	111-1	5.21	5.00	5.19	5.13	2.22	ppb
Calcium	43-1	2499.25	2564.02	2531.97	2531.75	1.28	ppb
Calcium	44-1	2572.24	2613.19	2576.20	2587.21	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.54	4.64	4.58	4.58	1.10	ppb
Cobalt	59-2	6.39	6.33	6.24	6.32	1.24	ppb
Copper	63-2	47.04	46.69	46.54	46.76	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	332.18	330.77	330.53	331.16	0.27	ppb
Iron	57-2	341.64	346.36	330.51	339.50	2.40	ppb
Iron	54-2	339.21	341.92	339.33	340.15	0.45	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02MSDDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925MSDI Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:17:38 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.20	21.07	20.38	20.55	2.22	ppb
Lead	207-1	20.20	20.66	20.09	20.32	1.47	ppb
Lead	208-1	19.95	20.80	20.23	20.33	2.13	ppb
Lithium	6-1				91		%
Magnesium	24-2	632.27	638.90	633.48	634.89	0.56	ppb
Manganese	55-2	170.63	170.71	169.38	170.24	0.44	ppb
Molybdenum	94-1	19.04	19.73	19.90	19.56	2.34	ppb
Molybdenum	95-1	14.61	14.95	15.11	14.89	1.72	ppb
Molybdenum	96-1	15.15	15.10	15.84	15.36	2.69	ppb
Molybdenum	97-1	14.74	14.99	14.94	14.89	0.88	ppb
Molybdenum	98-1	14.67	15.02	15.26	14.98	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.67	6.41	6.30	6.46	2.94	ppb
Phosphorus	31-2	-45.26	-42.59	-42.81	-43.55		ppb
Potassium	39-2	528.15	522.03	518.20	522.79	0.96	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	4.89	4.44	4.63	4.65	4.82	ppb
Selenium	77-2	6.06	4.39	5.12	5.19	16.14	ppb
Selenium	78-2	6.19	3.05	6.99	5.41	38.47	ppb
Silicon	28-1	34.82	36.16	35.51	35.50	1.88	ppb
Silver	107-1	0.74	0.75	0.77	0.75	2.05	ppb
Silver	109-1	0.73	0.73	0.71	0.72	1.42	ppb
Sodium	23-2	476.37	476.98	471.25	474.87	0.66	ppb
Strontium	86-1	14.05	14.38	14.46	14.30	1.50	ppb
Strontium	88-1	13.72	13.96	14.27	13.98	1.96	ppb
Sulfur	34-1	1846.55	2029.73	1860.17	1912.15	5.34	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	3.95	4.21	4.00	4.05	3.34	ppb
Thallium	205-1	3.91	4.11	3.96	3.99	2.64	ppb
Tin	118-1	3.80	3.83	3.96	3.86	2.21	ppb
Titanium	47-1	0.34	0.16	0.20	0.23	40.33	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02MSDDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925MSDI Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:17:38 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.82	3.98	3.90	3.90	2.03	ppb
Vanadium	51-2	5.41	5.40	5.12	5.31	3.10	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	59.53	58.46	58.48	58.82	1.04	ppb
Zirconium	90-1	3.89	4.04	4.05	3.99	2.20	ppb
Zirconium	91-1	4.07	4.14	4.22	4.14	1.85	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02ADL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925ADL2 Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:20:57 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	803.99	807.62	793.58	801.73	0.91	ppb
Antimony	121-1	4.18	4.09	4.16	4.14	1.12	ppb
Arsenic	75-2	6.02	6.44	6.14	6.20	3.46	ppb
Barium	135-1	18.97	19.17	19.20	19.11	0.65	ppb
Barium	137-1	19.51	19.29	19.66	19.49	0.94	ppb
Beryllium	9-1	5.46	5.05	5.36	5.29	4.06	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.31	4.61	4.51	4.48	3.41	ppb
Cadmium	106-1	2.88	3.02	3.35	3.08	7.87	ppb
Cadmium	111-1	5.08	5.20	5.08	5.12	1.42	ppb
Calcium	43-1	2561.28	2508.68	2437.88	2502.61	2.47	ppb
Calcium	44-1	2546.87	2540.52	2503.38	2530.26	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.44	4.51	4.56	4.50	1.35	ppb
Cobalt	59-2	6.22	6.10	6.20	6.17	1.06	ppb
Copper	63-2	46.10	46.45	45.86	46.14	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	323.59	325.01	321.05	323.22	0.62	ppb
Iron	57-2	337.11	329.37	334.02	333.50	1.17	ppb
Iron	54-2	324.36	328.10	325.68	326.05	0.58	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02ADL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925ADL2 Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:20:57 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.83	19.86	20.21	19.97	1.05	ppb
Lead	207-1	19.67	19.48	19.44	19.53	0.63	ppb
Lead	208-1	19.68	19.65	19.85	19.72	0.55	ppb
Lithium	6-1				91		%
Magnesium	24-2	617.54	626.05	621.65	621.75	0.69	ppb
Manganese	55-2	165.28	164.96	163.09	164.45	0.72	ppb
Molybdenum	94-1	18.74	19.27	18.97	18.99	1.41	ppb
Molybdenum	95-1	14.47	14.51	14.72	14.57	0.93	ppb
Molybdenum	96-1	15.04	14.93	14.95	14.97	0.39	ppb
Molybdenum	97-1	14.44	14.40	14.83	14.56	1.62	ppb
Molybdenum	98-1	14.60	14.42	14.51	14.51	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.68	6.60	6.54	6.60	1.04	ppb
Phosphorus	31-2	-43.43	-43.50	-49.23	-45.38		ppb
Potassium	39-2	499.14	517.45	504.30	506.96	1.86	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	3.94	3.87	4.25	4.02	4.95	ppb
Selenium	77-2	4.25	4.17	5.20	4.54	12.67	ppb
Selenium	78-2	7.34	6.09	4.14	5.86	27.56	ppb
Silicon	28-1	34.21	33.33	34.08	33.87	1.41	ppb
Silver	107-1	0.72	0.73	0.73	0.72	0.55	ppb
Silver	109-1	0.68	0.70	0.69	0.69	1.64	ppb
Sodium	23-2	460.52	465.09	456.95	460.85	0.89	ppb
Strontium	86-1	13.92	13.99	14.29	14.07	1.39	ppb
Strontium	88-1	13.62	13.68	13.70	13.67	0.31	ppb
Sulfur	34-1	2087.25	1819.27	1653.09	1853.20	11.82	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	3.89	3.84	3.85	3.86	0.66	ppb
Thallium	205-1	3.83	3.74	3.85	3.80	1.59	ppb
Tin	118-1	3.88	3.88	3.84	3.87	0.61	ppb
Titanium	47-1	0.16	0.23	0.16	0.18	23.06	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02ADL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925ADL2 Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:20:57 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.73	3.72	3.76	3.74	0.62	ppb
Vanadium	51-2	5.11	5.12	5.23	5.16	1.32	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	59.84	59.49	59.43	59.59	0.37	ppb
Zirconium	90-1	3.82	3.88	3.86	3.85	0.68	ppb
Zirconium	91-1	3.96	4.02	3.91	3.96	1.29	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-04DL2X50 Instrumnet Name : P7
Client Sample ID : OU4-TS-30-070925DL2 Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:24:13 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1658.35	1638.62	1648.30	1648.43	0.60	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	10.31	ppb
Arsenic	75-2	1.05	0.99	1.15	1.06	7.50	ppb
Barium	135-1	1.82	1.81	1.84	1.82	0.79	ppb
Barium	137-1	1.78	1.81	1.84	1.81	1.55	ppb
Beryllium	9-1	0.32	0.27	0.40	0.33	20.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.22	0.32	0.12	0.22	43.74	ppb
Cadmium	106-1	-0.73	-1.07	-2.46	-1.42		ppb
Cadmium	111-1	0.18	0.18	0.14	0.17	12.54	ppb
Calcium	43-1	3355.99	3409.14	3366.51	3377.22	0.83	ppb
Calcium	44-1	3699.39	3724.47	3728.05	3717.30	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.87	0.93	0.92	0.91	3.85	ppb
Cobalt	59-2	4.41	4.40	4.35	4.39	0.73	ppb
Copper	63-2	8.45	8.19	8.22	8.29	1.70	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				109		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	245.57	242.10	242.77	243.48	0.76	ppb
Iron	57-2	268.07	266.13	263.87	266.02	0.79	ppb
Iron	54-2	248.84	245.73	247.69	247.42	0.64	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-04DL2X50 Instrumnet Name : P7
Client Sample ID : OU4-TS-30-070925DL2 Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:24:13 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.32	1.35	1.33	1.33	1.30	ppb
Lead	207-1	1.23	1.22	1.28	1.25	2.65	ppb
Lead	208-1	1.27	1.29	1.26	1.27	0.88	ppb
Lithium	6-1				93		%
Magnesium	24-2	506.44	491.70	496.99	498.38	1.50	ppb
Manganese	55-2	287.88	283.48	285.48	285.61	0.77	ppb
Molybdenum	94-1	0.09	0.08	0.11	0.09	17.36	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	20.34	ppb
Molybdenum	96-1	0.01	0.04	0.02	0.02	53.16	ppb
Molybdenum	97-1	0.04	0.01	0.02	0.02	64.70	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	8.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.92	3.72	4.10	3.91	4.87	ppb
Phosphorus	31-2	45.62	11.01	35.83	30.82	57.88	ppb
Potassium	39-2	688.99	678.01	687.94	684.98	0.88	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	0.48	-0.55	-0.51	-0.19		ppb
Selenium	77-2	1.97	2.46	2.45	2.29	12.05	ppb
Selenium	78-2	0.98	-0.08	-0.21	0.23	284.37	ppb
Silicon	28-1	66.88	71.36	70.85	69.70	3.52	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.51	ppb
Silver	109-1	0.01	0.00	0.01	0.01	17.98	ppb
Sodium	23-2	179.44	179.30	178.14	178.96	0.40	ppb
Strontium	86-1	10.92	11.28	11.36	11.19	2.08	ppb
Strontium	88-1	10.69	10.94	10.68	10.77	1.33	ppb
Sulfur	34-1	5062.54	5340.20	5691.68	5364.80	5.88	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.05	0.05	0.05	2.24	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	8.31	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	289.40	ppb
Titanium	47-1	0.39	0.27	0.29	0.31	21.62	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-04DL2X50 Instrumnet Name : P7
Client Sample ID : OU4-TS-30-070925DL2 Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:24:13 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.29	0.28	0.31	0.30	5.14	ppb
Vanadium	51-2	2.21	2.20	2.11	2.17	2.53	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	28.04	26.44	27.62	27.37	3.04	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	12.60	ppb
Zirconium	91-1	0.04	0.04	0.05	0.04	3.46	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2638-02DLX50 Instrumnet Name : P7
Client Sample ID : OU4-TS-31-071725DL Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:31:08 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1226.65	1224.49	1227.28	1226.14	0.12	ppb
Antimony	121-1	0.01	0.00	0.01	0.00	26.29	ppb
Arsenic	75-2	1.33	1.40	1.47	1.40	5.15	ppb
Barium	135-1	2.60	2.72	2.59	2.64	2.83	ppb
Barium	137-1	2.65	2.67	2.74	2.69	1.64	ppb
Beryllium	9-1	0.21	0.19	0.21	0.20	4.47	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.19	0.31	0.25	0.25	24.16	ppb
Cadmium	106-1	-1.82	-1.25	-1.92	-1.66		ppb
Cadmium	111-1	0.20	0.13	0.16	0.17	20.72	ppb
Calcium	43-1	5393.48	5498.77	5462.82	5451.69	0.98	ppb
Calcium	44-1	5937.73	6138.89	6014.66	6030.43	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.88	0.83	0.89	0.86	3.66	ppb
Cobalt	59-2	2.95	2.93	2.92	2.93	0.55	ppb
Copper	63-2	4.48	4.36	4.50	4.45	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				111		%
Iron	56-2	496.95	484.27	494.30	491.84	1.36	ppb
Iron	57-2	464.52	465.82	466.07	465.47	0.18	ppb
Iron	54-2	446.95	440.56	448.65	445.38	0.96	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2638-02DLX50 Instrumnet Name : P7
Client Sample ID : OU4-TS-31-071725DL Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:31:08 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.77	1.68	1.66	1.70	3.36	ppb
Lead	207-1	1.61	1.57	1.61	1.60	1.38	ppb
Lead	208-1	1.66	1.59	1.61	1.62	2.19	ppb
Lithium	6-1				97		%
Magnesium	24-2	779.63	773.80	776.15	776.53	0.38	ppb
Manganese	55-2	241.52	240.89	241.44	241.28	0.14	ppb
Molybdenum	94-1	0.08	0.10	0.07	0.08	20.19	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	77.30	ppb
Molybdenum	96-1	0.01	0.01	0.03	0.02	56.63	ppb
Molybdenum	97-1	0.02	0.04	-0.01	0.02	182.05	ppb
Molybdenum	98-1	-0.01	0.01	0.01	0.00	269.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.26	3.00	3.25	3.17	4.67	ppb
Phosphorus	31-2	117.42	109.69	129.04	118.72	8.21	ppb
Potassium	39-2	854.59	848.82	860.65	854.69	0.69	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	-0.53	-0.47	-1.26	-0.75		ppb
Selenium	77-2	1.25	1.97	1.04	1.42	34.30	ppb
Selenium	78-2	0.83	-0.08	0.84	0.53	99.41	ppb
Silicon	28-1	53.05	54.73	52.48	53.42	2.18	ppb
Silver	107-1	0.00	0.00	0.00	0.00	118.52	ppb
Silver	109-1	0.00	0.00	0.00	0.00	63.86	ppb
Sodium	23-2	240.86	237.32	239.22	239.14	0.74	ppb
Strontium	86-1	17.18	16.97	17.02	17.06	0.63	ppb
Strontium	88-1	16.79	16.55	16.94	16.76	1.17	ppb
Sulfur	34-1	7440.52	7785.92	7731.59	7652.68	2.43	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.04	0.04	0.04	5.73	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	9.74	ppb
Tin	118-1	0.02	0.04	-0.01	0.02	135.55	ppb
Titanium	47-1	0.58	0.71	0.59	0.63	10.91	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2638-02DLX50 Instrumnet Name : P7
Client Sample ID : OU4-TS-31-071725DL Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:31:08 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.15	0.15	0.15	4.28	ppb
Vanadium	51-2	2.53	2.59	2.61	2.58	1.62	ppb
Yttrium	89-1				117		%
Yttrium	89-2				113		%
Zinc	66-2	34.59	33.38	34.47	34.14	1.95	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	8.87	ppb
Zirconium	91-1	0.05	0.04	0.05	0.05	16.27	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2638-03DLX50 Instrumnet Name : P7
Client Sample ID : OU4-TS-32-071725DL Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:34:24 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2360.98	2348.07	2363.17	2357.40	0.35	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	24.21	ppb
Arsenic	75-2	2.23	2.11	2.32	2.22	4.71	ppb
Barium	135-1	3.86	4.12	3.88	3.95	3.60	ppb
Barium	137-1	4.03	4.05	3.92	4.00	1.72	ppb
Beryllium	9-1	0.40	0.49	0.36	0.42	15.56	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.19	0.44	0.46	0.36	42.01	ppb
Cadmium	106-1	-0.67	-1.19	-2.04	-1.30		ppb
Cadmium	111-1	0.26	0.24	0.22	0.24	7.28	ppb
Calcium	43-1	4473.39	4559.19	4486.84	4506.47	1.02	ppb
Calcium	44-1	4967.18	4937.45	4974.57	4959.74	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.73	1.86	1.81	3.77	ppb
Cobalt	59-2	5.57	5.41	5.56	5.51	1.68	ppb
Copper	63-2	12.44	12.26	12.44	12.38	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				112		%
Iron	56-2	904.90	910.96	914.06	909.97	0.51	ppb
Iron	57-2	836.64	819.18	841.57	832.46	1.41	ppb
Iron	54-2	829.86	831.25	827.67	829.59	0.22	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2638-03DLX50 Instrumnet Name : P7
Client Sample ID : OU4-TS-32-071725DL Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:34:24 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.00	3.00	2.97	2.99	0.65	ppb
Lead	207-1	2.86	2.89	2.74	2.83	2.73	ppb
Lead	208-1	2.89	2.86	2.82	2.85	1.17	ppb
Lithium	6-1				95		%
Magnesium	24-2	785.58	780.56	780.17	782.10	0.39	ppb
Manganese	55-2	358.83	359.32	362.10	360.08	0.49	ppb
Molybdenum	94-1	0.11	0.12	0.17	0.13	24.36	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	10.16	ppb
Molybdenum	96-1	0.03	0.06	0.05	0.05	35.14	ppb
Molybdenum	97-1	0.06	0.03	0.00	0.03	90.29	ppb
Molybdenum	98-1	0.01	0.03	0.02	0.02	44.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.37	5.44	5.21	5.34	2.25	ppb
Phosphorus	31-2	141.41	152.91	164.34	152.89	7.50	ppb
Potassium	39-2	1116.65	1117.94	1130.27	1121.62	0.67	ppb
Rhodium	103-1				114		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	-0.17	-0.10	0.27	0.00		ppb
Selenium	77-2	3.25	3.48	4.42	3.72	16.63	ppb
Selenium	78-2	0.73	0.27	0.94	0.65	52.56	ppb
Silicon	28-1	109.41	106.69	106.73	107.61	1.45	ppb
Silver	107-1	0.00	0.00	0.01	0.00	31.91	ppb
Silver	109-1	0.00	0.00	0.01	0.00	98.47	ppb
Sodium	23-2	259.74	261.54	264.13	261.80	0.84	ppb
Strontium	86-1	15.27	16.23	15.99	15.83	3.15	ppb
Strontium	88-1	15.45	15.50	15.56	15.50	0.36	ppb
Sulfur	34-1	9002.82	9075.75	8721.19	8933.25	2.10	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.03	0.04	0.04	0.04	8.03	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	1.53	ppb
Tin	118-1	0.00	-0.02	-0.01	-0.01		ppb
Titanium	47-1	16.81	16.70	17.00	16.84	0.89	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2638-03DLX50 Instrumnet Name : P7
Client Sample ID : OU4-TS-32-071725DL Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:34:24 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.56	0.56	0.55	0.56	0.94	ppb
Vanadium	51-2	4.17	3.97	4.12	4.09	2.54	ppb
Yttrium	89-1				117		%
Yttrium	89-2				114		%
Zinc	66-2	36.23	35.24	36.05	35.84	1.47	ppb
Zirconium	90-1	0.07	0.07	0.06	0.07	0.92	ppb
Zirconium	91-1	0.07	0.04	0.06	0.06	24.64	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:39:25 DataFile Name : 032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48004.98	47674.81	48087.10	47922.29	0.46	ppb
Antimony	121-1	494.00	507.45	509.91	503.79	1.70	ppb
Arsenic	75-2	492.23	489.83	487.41	489.82	0.49	ppb
Barium	135-1	2486.00	2546.04	2578.54	2536.86	1.85	ppb
Barium	137-1	2516.29	2511.15	2614.23	2547.22	2.28	ppb
Beryllium	9-1	537.11	539.63	545.48	540.74	0.79	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	517.46	512.54	523.79	517.93	1.09	ppb
Cadmium	106-1	514.43	514.49	537.01	521.98	2.49	ppb
Cadmium	111-1	512.85	515.82	532.48	520.39	2.03	ppb
Calcium	43-1	244984.12	238853.50	245575.51	243137.71	1.53	ppb
Calcium	44-1	245073.71	241546.02	245067.09	243895.61	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.65	511.91	509.91	512.49	0.57	ppb
Cobalt	59-2	510.17	504.59	497.11	503.96	1.30	ppb
Copper	63-2	5179.44	5163.79	5156.56	5166.60	0.23	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				114		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	125219.57	123385.34	124018.86	124207.92	0.75	ppb
Iron	57-2	125759.02	123960.86	124107.54	124609.14	0.80	ppb
Iron	54-2	126920.46	124107.12	126282.50	125770.03	1.17	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:39:25 DataFile Name : 032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2536.64	2577.41	2580.57	2564.87	0.96	ppb
Lead	207-1	2507.70	2597.09	2628.93	2577.91	2.44	ppb
Lead	208-1	2521.36	2577.80	2568.94	2556.03	1.19	ppb
Lithium	6-1				97		%
Magnesium	24-2	239634.84	239828.44	240578.98	240014.09	0.21	ppb
Manganese	55-2	5063.98	4955.12	5114.81	5044.64	1.62	ppb
Molybdenum	94-1	5063.01	4913.64	5119.34	5032.00	2.11	ppb
Molybdenum	95-1	5141.37	4850.20	5054.46	5015.35	2.98	ppb
Molybdenum	96-1	5131.35	4840.25	5021.47	4997.69	2.94	ppb
Molybdenum	97-1	5019.31	4874.62	4936.50	4943.48	1.47	ppb
Molybdenum	98-1	5033.28	4910.21	5009.62	4984.37	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.61	483.48	482.15	482.75	0.14	ppb
Phosphorus	31-2	10112.14	9959.34	10098.38	10056.62	0.84	ppb
Potassium	39-2	118009.74	118633.72	120175.24	118939.57	0.94	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	485.96	469.85	482.69	479.50	1.78	ppb
Selenium	77-2	472.65	476.32	471.97	473.65	0.49	ppb
Selenium	78-2	478.43	468.99	478.26	475.23	1.14	ppb
Silicon	28-1	515.10	512.19	531.66	519.65	2.02	ppb
Silver	107-1	521.53	524.49	535.22	527.08	1.37	ppb
Silver	109-1	536.79	512.46	537.64	528.96	2.70	ppb
Sodium	23-2	242190.39	234992.68	243203.14	240128.74	1.86	ppb
Strontium	86-1	451.31	439.08	452.48	447.62	1.66	ppb
Strontium	88-1	512.50	501.72	508.29	507.50	1.07	ppb
Sulfur	34-1	9157.49	8742.86	8976.58	8958.98	2.32	ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	526.28	522.96	540.04	529.76	1.71	ppb
Thallium	205-1	517.65	527.04	521.05	521.91	0.91	ppb
Tin	118-1	508.06	505.33	531.77	515.05	2.82	ppb
Titanium	47-1	5016.60	5002.10	4996.20	5004.96	0.21	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:39:25 DataFile Name : 032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	503.53	520.23	513.38	512.38	1.64	ppb
Vanadium	51-2	504.27	511.78	522.37	512.81	1.77	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	5095.69	4999.77	5065.85	5053.77	0.97	ppb
Zirconium	90-1	513.17	503.94	511.85	509.66	0.98	ppb
Zirconium	91-1	455.66	442.43	455.55	451.21	1.69	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:45:01 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.55	-0.90	-0.51	-0.66		ppb
Antimony	121-1	0.04	0.05	0.05	0.05	10.58	ppb
Arsenic	75-2	0.00	0.02	-0.02	0.00	3574.91	ppb
Barium	135-1	0.02	0.00	0.00	0.01	122.02	ppb
Barium	137-1	0.00	0.00	0.00	0.00	204.86	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	82.87	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.03	0.00	0.04	120.73	ppb
Cadmium	106-1	-2.91	-3.05	-3.42	-3.13		ppb
Cadmium	111-1	-0.03	-0.02	-0.03	-0.03		ppb
Calcium	43-1	-0.28	1.63	0.39	0.58	167.85	ppb
Calcium	44-1	12.60	13.56	11.02	12.39	10.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.05	0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	45.51	ppb
Copper	63-2	-0.05	-0.07	-0.10	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	1.04	0.79	0.83	0.88	15.36	ppb
Iron	57-2	-1.08	0.45	-0.04	-0.22		ppb
Iron	54-2	0.32	-0.24	0.22	0.10	299.67	ppb
Krypton	83-1						cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:45:01 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.04	0.05	0.05	17.43	ppb
Lead	207-1	0.05	0.03	0.02	0.03	49.01	ppb
Lead	208-1	0.04	0.03	0.03	0.04	14.03	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.02	0.79	0.70	0.83	19.77	ppb
Manganese	55-2	-1.07	-1.16	-1.13	-1.12		ppb
Molybdenum	94-1	0.02	0.08	0.06	0.06	62.84	ppb
Molybdenum	95-1	0.06	0.05	0.05	0.05	10.02	ppb
Molybdenum	96-1	0.06	0.04	0.04	0.05	25.98	ppb
Molybdenum	97-1	0.07	0.03	0.04	0.05	39.61	ppb
Molybdenum	98-1	0.06	0.05	0.04	0.05	29.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.06	0.00	-0.04		ppb
Phosphorus	31-2	-132.78	-131.37	-141.19	-135.11		ppb
Potassium	39-2	13.40	12.40	9.32	11.71	18.13	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	-0.21	-0.53	-0.38	-0.38		ppb
Selenium	77-2	-0.09	0.15	-0.09	-0.01		ppb
Selenium	78-2	0.71	-0.42	-0.02	0.09	628.74	ppb
Silicon	28-1	-0.37	-0.69	-0.82	-0.63		ppb
Silver	107-1	0.01	0.02	0.01	0.01	37.29	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.16	ppb
Sodium	23-2	26.78	25.10	23.97	25.28	5.60	ppb
Strontium	86-1	0.03	0.00	0.00	0.01	186.13	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	51.04	ppb
Sulfur	34-1	-1848.00	-1581.81	-1691.32	-1707.04		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.04	0.02	0.03	36.19	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.22	ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.02	0.02	0.04	0.03	39.28	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:45:01 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	67.35	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	-0.02	-0.07	-0.10	-0.06		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	17.80	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	24.17	ppb

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:42:36 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433	367	440	413	9.81	cps
Antimony	121-1	57	33	30	40	36.33	cps
Arsenic	75-2	7	17	13	12	41.65	cps
Barium	135-1	13	23	30	22	37.76	cps
Barium	137-1	40	37	33	37	9.10	cps
Beryllium	9-1	3	0	7	3	100.05	cps
Bismuth	209-1	4141026	4236907	4286856	4221596	1.76	cps
Bismuth	209-2	4224586	4194867	4172535	4197329	0.62	cps
Bromine	81-1	8119	8302	8139	8187	1.23	cps
Bromine	81-2	207	210	140	186	21.28	cps
Cadmium	108-1	3	7	0	3	100.05	cps
Cadmium	106-1	2174	2107	2114	2131	1.72	cps
Cadmium	111-1	222	213	225	220	2.84	cps
Calcium	43-1	233	293	280	269	11.72	cps
Calcium	44-1	22831	23268	25502	23867	6.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2077	2030	2170	2092	3.41	cps
Cobalt	59-2	67	63	67	66	2.94	cps
Copper	63-2	1933	1963	1927	1941	1.01	cps
Dysprosium	156-1	17	0	10	9	94.38	cps
Dysprosium	156-2	0	0	17	6	173.21	cps
Erbium	164-1	37	40	53	43	20.34	cps
Erbium	164-2	47	40	20	36	39.03	cps
Gadolinium	160-1	67	63	40	57	25.64	cps
Gadolinium	160-2	307	253	247	269	12.23	cps
Holmium	165-1	6285395	6462814	6536207	6428139	2.01	cps
Holmium	165-2	5510980	5550993	5438293	5500088	1.04	cps
Indium	115-1	5556143	5660890	5654761	5623932	1.05	cps
Indium	115-2	2411037	2412717	2398906	2407553	0.31	cps
Iron	56-2	20154	20527	19947	20209	1.46	cps
Iron	57-2	1317	1467	1347	1377	5.77	cps
Iron	54-2	2634	2514	2704	2617	3.67	cps
Krypton	83-1	463	467	447	459	2.34	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:42:36 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	387	380	407	391	3.55	cps
Lead	207-1	343	323	367	344	6.30	cps
Lead	208-1	1640	1640	1737	1672	3.34	cps
Lithium	6-1	680524	706772	698370	695222	1.93	cps
Magnesium	24-2	210	257	200	222	13.61	cps
Manganese	55-2	3867	3721	3707	3765	2.36	cps
Molybdenum	94-1	260	233	227	240	7.35	cps
Molybdenum	95-1	197	187	187	190	3.04	cps
Molybdenum	96-1	260	210	213	228	12.27	cps
Molybdenum	97-1	150	177	150	159	9.69	cps
Molybdenum	98-1	330	327	330	329	0.59	cps
Neodymium	150-1	10	10	7	9	21.63	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	527	517	547	530	2.88	cps
Phosphorus	31-2	520	437	447	468	9.73	cps
Potassium	39-2	64566	65540	64610	64906	0.85	cps
Rhodium	103-1	5648367	5642542	5697476	5662795	0.53	cps
Rhodium	103-2	3943800	3885024	3913061	3913962	0.75	cps
Scandium	45-1	3737590	3826256	3865818	3809888	1.72	cps
Scandium	45-2	339659	340254	338725	339546	0.23	cps
Selenium	82-1	154	141	147	147	4.49	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	490	493	427	470	7.99	cps
Silicon	28-1	628427	624945	631261	628211	0.50	cps
Silver	107-1	30	37	37	34	11.18	cps
Silver	109-1	27	33	20	27	24.99	cps
Sodium	23-2	21061	20774	21221	21019	1.08	cps
Strontium	86-1	730	770	710	737	4.15	cps
Strontium	88-1	93	97	93	94	2.04	cps
Sulfur	34-1	206280	204560	206198	205679	0.47	cps
Terbium	159-1	6513891	6785839	6639303	6646344	2.05	cps
Terbium	159-2	5440880	5363124	5388755	5397586	0.73	cps
Thallium	203-1	97	93	137	109	22.15	cps
Thallium	205-1	243	290	267	267	8.75	cps
Tin	118-1	1013	1157	1173	1115	7.89	cps
Titanium	47-1	63	63	73	67	8.66	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:42:36 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	13	53	26	94.36	cps
Vanadium	51-2	20	30	30	27	21.65	cps
Yttrium	89-1	8538678	8815372	8784985	8713011	1.74	cps
Yttrium	89-2	2662883	2703198	2653639	2673240	0.99	cps
Zinc	66-2	707	730	627	688	7.88	cps
Zirconium	90-1	250	317	330	299	14.34	cps
Zirconium	91-1	53	57	50	53	6.25	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:49:12 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3520	3477	3354	3450	2.51	cps
Antimony	121-1	9393	9780	9640	9604	2.04	cps
Arsenic	75-2	420	413	457	430	5.43	cps
Barium	135-1	10838	11268	11291	11132	2.30	cps
Barium	137-1	18856	19363	19397	19205	1.58	cps
Beryllium	9-1	943	900	950	931	2.92	cps
Bismuth	209-1	4319364	4306960	4294827	4307050	0.28	cps
Bismuth	209-2	4182338	4215075	4150412	4182608	0.77	cps
Bromine	81-1	8202	8206	7976	8128	1.62	cps
Bromine	81-2	203	167	157	176	14.00	cps
Cadmium	108-1	113	77	103	98	19.38	cps
Cadmium	106-1	2194	2114	2277	2195	3.72	cps
Cadmium	111-1	1450	1411	1459	1440	1.76	cps
Calcium	43-1	7922	8369	8129	8140	2.75	cps
Calcium	44-1	148372	150004	152139	150172	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7622	7909	8352	7961	4.62	cps
Cobalt	59-2	5038	4604	4701	4781	4.76	cps
Copper	63-2	8192	8116	8136	8148	0.49	cps
Dysprosium	156-1	13	7	7	9	43.25	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	23	50	37	37	36.37	cps
Erbium	164-2	33	37	43	38	13.48	cps
Gadolinium	160-1	40	47	40	42	9.12	cps
Gadolinium	160-2	247	217	253	239	8.18	cps
Holmium	165-1	6550142	6532147	6574752	6552347	0.33	cps
Holmium	165-2	5422737	5371496	5428437	5407557	0.58	cps
Indium	115-1	5729697	5649640	5728366	5702567	0.80	cps
Indium	115-2	2428320	2413555	2408114	2416663	0.43	cps
Iron	56-2	156450	156702	156681	156611	0.09	cps
Iron	57-2	4691	4597	4784	4691	1.99	cps
Iron	54-2	10077	10364	10103	10181	1.56	cps
Krypton	83-1	613	513	470	532	13.81	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:49:12 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3390	3304	3367	3354	1.34	cps
Lead	207-1	3047	2960	3157	3055	3.23	cps
Lead	208-1	13903	13673	13860	13812	0.89	cps
Lithium	6-1	714706	719025	719166	717632	0.35	cps
Magnesium	24-2	132500	134409	133067	133325	0.74	cps
Manganese	55-2	10327	10254	10547	10376	1.47	cps
Molybdenum	94-1	10584	11645	11094	11108	4.78	cps
Molybdenum	95-1	13176	13159	13083	13139	0.38	cps
Molybdenum	96-1	14567	14624	14808	14666	0.86	cps
Molybdenum	97-1	8089	8146	8329	8188	1.53	cps
Molybdenum	98-1	20237	21686	21159	21027	3.49	cps
Neodymium	150-1	7	0	3	3	100.05	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1593	1697	1743	1678	4.58	cps
Phosphorus	31-2	2800	2584	2800	2728	4.59	cps
Potassium	39-2	223605	221882	220413	221967	0.72	cps
Rhodium	103-1	5685545	5824186	5820712	5776814	1.37	cps
Rhodium	103-2	3971486	3907552	3926343	3935127	0.84	cps
Scandium	45-1	3909668	3871816	3867247	3882910	0.60	cps
Scandium	45-2	341075	344723	340784	342194	0.64	cps
Selenium	82-1	587	651	755	664	12.77	cps
Selenium	77-2	93	103	90	96	7.26	cps
Selenium	78-2	687	760	697	714	5.57	cps
Silicon	28-1	634013	636812	635212	635346	0.22	cps
Silver	107-1	6938	7202	7522	7221	4.05	cps
Silver	109-1	6578	6682	7052	6771	3.68	cps
Sodium	23-2	225110	225401	225774	225429	0.15	cps
Strontium	86-1	2374	2350	2424	2382	1.57	cps
Strontium	88-1	14250	14037	14494	14260	1.60	cps
Sulfur	34-1	211807	211719	211280	211602	0.13	cps
Terbium	159-1	6843935	6795246	6802550	6813910	0.39	cps
Terbium	159-2	5540172	5329476	5523799	5464482	2.14	cps
Thallium	203-1	4587	4471	4804	4621	3.66	cps
Thallium	205-1	10791	10814	11445	11017	3.37	cps
Tin	118-1	20835	21973	21356	21388	2.66	cps
Titanium	47-1	3674	3801	4224	3899	7.39	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:49:12 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13637	13774	13490	13634	1.04	cps
Vanadium	51-2	12102	12048	11965	12038	0.57	cps
Yttrium	89-1	8944141	8783974	8775774	8834630	1.07	cps
Yttrium	89-2	2684858	2663730	2668181	2672256	0.42	cps
Zinc	66-2	3654	3484	3580	3573	2.39	cps
Zirconium	90-1	9633	9533	9743	9637	1.09	cps
Zirconium	91-1	2124	2117	2097	2112	0.66	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:52:29 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	166060	165839	165548	165816	0.15	cps
Antimony	121-1	242404	245723	245254	244460	0.73	cps
Arsenic	75-2	18168	18018	18662	18282	1.84	cps
Barium	135-1	290650	292371	294263	292428	0.62	cps
Barium	137-1	506225	507587	513442	509085	0.75	cps
Beryllium	9-1	44440	45256	44925	44874	0.91	cps
Bismuth	209-1	4232162	4386982	4381072	4333405	2.02	cps
Bismuth	209-2	4129309	4140756	4114033	4128032	0.32	cps
Bromine	81-1	8049	8122	7959	8043	1.02	cps
Bromine	81-2	97	113	93	101	10.60	cps
Cadmium	108-1	5271	5138	5148	5185	1.43	cps
Cadmium	106-1	9330	9186	9296	9271	0.81	cps
Cadmium	111-1	66736	68687	68004	67809	1.46	cps
Calcium	43-1	83280	84460	84001	83914	0.71	cps
Calcium	44-1	1436973	1468397	1495634	1467001	2.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	151331	148548	148679	149519	1.05	cps
Cobalt	59-2	229121	228680	228106	228636	0.22	cps
Copper	63-2	1924337	1903390	1892752	1906826	0.84	cps
Dysprosium	156-1	17	10	13	13	25.01	cps
Dysprosium	156-2	17	20	27	21	24.12	cps
Erbium	164-1	50	33	57	47	25.76	cps
Erbium	164-2	47	40	40	42	9.12	cps
Gadolinium	160-1	67	47	63	59	18.19	cps
Gadolinium	160-2	230	293	300	274	14.08	cps
Holmium	165-1	6607884	6617720	6741878	6655827	1.12	cps
Holmium	165-2	5434938	5368560	5484349	5429282	1.07	cps
Indium	115-1	5641170	5673449	5679589	5664736	0.36	cps
Indium	115-2	2426557	2389973	2407158	2407896	0.76	cps
Iron	56-2	7974523	7836164	7978939	7929876	1.02	cps
Iron	57-2	178130	176448	177101	177227	0.48	cps
Iron	54-2	401122	398631	395376	398376	0.72	cps
Krypton	83-1	470	567	503	513	9.57	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:52:29 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	908326	920820	924557	917901	0.93	cps
Lead	207-1	798729	800414	812629	803924	0.94	cps
Lead	208-1	4043698	4137103	4083650	4088150	1.15	cps
Lithium	6-1	706960	714059	716923	712647	0.72	cps
Magnesium	24-2	1661929	1645572	1712120	1673207	2.07	cps
Manganese	55-2	1137194	1117341	1123946	1126160	0.90	cps
Molybdenum	94-1	916307	937663	937134	930368	1.31	cps
Molybdenum	95-1	1528996	1534045	1536483	1533175	0.25	cps
Molybdenum	96-1	1676061	1710184	1668815	1685020	1.31	cps
Molybdenum	97-1	813735	831045	826763	823848	1.09	cps
Molybdenum	98-1	2360202	2396274	2432281	2396252	1.50	cps
Neodymium	150-1	27	3	27	19	71.34	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	61904	60860	60947	61237	0.95	cps
Phosphorus	31-2	9363	9710	9296	9456	2.35	cps
Potassium	39-2	900607	892676	889670	894318	0.63	cps
Rhodium	103-1	5665807	5830853	5717337	5737999	1.47	cps
Rhodium	103-2	3935291	3947116	3882779	3921728	0.87	cps
Scandium	45-1	3801662	3831820	3832409	3821963	0.46	cps
Scandium	45-2	336089	336867	334167	335708	0.41	cps
Selenium	82-1	5705	5680	5744	5710	0.56	cps
Selenium	77-2	733	737	807	759	5.46	cps
Selenium	78-2	2667	2764	2927	2786	4.72	cps
Silicon	28-1	3541606	3613679	3647408	3600898	1.50	cps
Silver	107-1	337701	343815	346225	342580	1.28	cps
Silver	109-1	320182	328855	327981	325673	1.47	cps
Sodium	23-2	2541865	2521243	2514845	2525984	0.56	cps
Strontium	86-1	84903	86010	86854	85922	1.14	cps
Strontium	88-1	727006	739754	740496	735752	1.03	cps
Sulfur	34-1	232739	231138	230617	231498	0.48	cps
Terbium	159-1	6774178	6760415	6889582	6808058	1.04	cps
Terbium	159-2	5456108	5401823	5449254	5435729	0.54	cps
Thallium	203-1	219927	221256	226167	222450	1.48	cps
Thallium	205-1	527449	528771	536571	530930	0.93	cps
Tin	118-1	210470	212230	210812	211170	0.44	cps
Titanium	47-1	389683	392895	394652	392410	0.64	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:52:29 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	707569	714259	718377	713402	0.76	cps
Vanadium	51-2	125068	124502	122698	124089	1.00	cps
Yttrium	89-1	8592801	8851758	8885112	8776557	1.82	cps
Yttrium	89-2	2678891	2674718	2645961	2666524	0.67	cps
Zinc	66-2	307800	302676	304840	305105	0.84	cps
Zirconium	90-1	454673	467537	466059	462756	1.52	cps
Zirconium	91-1	100253	103284	102686	102074	1.57	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:55:38 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	409663	406000	405114	406925	0.59	cps
Antimony	121-1	607119	618066	616705	613963	0.97	cps
Arsenic	75-2	45008	45974	46239	45740	1.42	cps
Barium	135-1	725596	736012	742317	734642	1.15	cps
Barium	137-1	1261285	1287164	1278753	1275734	1.03	cps
Beryllium	9-1	108788	111943	111624	110785	1.57	cps
Bismuth	209-1	4285503	4360072	4413226	4352934	1.47	cps
Bismuth	209-2	4259738	4198280	4152098	4203372	1.28	cps
Bromine	81-1	8266	8326	8316	8302	0.39	cps
Bromine	81-2	107	107	133	116	13.32	cps
Cadmium	108-1	12819	12846	12679	12781	0.70	cps
Cadmium	106-1	20074	19947	19987	20003	0.32	cps
Cadmium	111-1	164511	169523	167671	167235	1.52	cps
Calcium	43-1	203876	210112	210061	208016	1.72	cps
Calcium	44-1	3666909	3690818	3647146	3668291	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	365021	365817	364321	365053	0.21	cps
Cobalt	59-2	571284	564926	575149	570453	0.90	cps
Copper	63-2	4680243	4730407	4692405	4701018	0.56	cps
Dysprosium	156-1	17	13	30	20	44.10	cps
Dysprosium	156-2	43	67	43	51	26.37	cps
Erbium	164-1	37	43	70	50	35.28	cps
Erbium	164-2	70	67	50	62	17.22	cps
Gadolinium	160-1	67	50	80	66	22.93	cps
Gadolinium	160-2	343	287	250	293	16.03	cps
Holmium	165-1	6646848	6747368	6681943	6692053	0.76	cps
Holmium	165-2	5595963	5550555	5469899	5538805	1.15	cps
Indium	115-1	5804194	5695804	5725944	5741981	0.97	cps
Indium	115-2	2457289	2414296	2506133	2459239	1.87	cps
Iron	56-2	19786932	19701966	18991435	19493444	2.24	cps
Iron	57-2	434172	432446	433500	433372	0.20	cps
Iron	54-2	981659	986753	982021	983478	0.29	cps
Krypton	83-1	473	430	443	449	4.95	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:55:38 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2651148	2710389	2771420	2710986	2.22	cps
Lead	207-1	2431397	2507856	2463217	2467490	1.56	cps
Lead	208-1	11028473	11237808	11340031	11202104	1.42	cps
Lithium	6-1	727042	726980	721631	725217	0.43	cps
Magnesium	24-2	4127633	4113891	4131016	4124180	0.22	cps
Manganese	55-2	3253714	3204358	3206045	3221372	0.87	cps
Molybdenum	94-1	2660845	2676189	2669496	2668843	0.29	cps
Molybdenum	95-1	3795530	3939861	3870793	3868728	1.87	cps
Molybdenum	96-1	4157586	4211926	4179201	4182904	0.65	cps
Molybdenum	97-1	2361129	2401781	2388832	2383914	0.87	cps
Molybdenum	98-1	5973217	6080794	6133826	6062612	1.35	cps
Neodymium	150-1	37	40	23	33	26.47	cps
Neodymium	150-2	20	20	30	23	24.74	cps
Nickel	60-2	151367	151381	150524	151090	0.32	cps
Phosphorus	31-2	23011	22583	22664	22753	1.00	cps
Potassium	39-2	2346980	2303749	2339529	2330086	0.99	cps
Rhodium	103-1	5783902	5664543	5738882	5729109	1.05	cps
Rhodium	103-2	3893218	3896183	4003576	3930992	1.60	cps
Scandium	45-1	3884274	3816334	3887792	3862800	1.04	cps
Scandium	45-2	340842	337149	340470	339487	0.60	cps
Selenium	82-1	13925	14323	14287	14179	1.55	cps
Selenium	77-2	1723	1683	1727	1711	1.41	cps
Selenium	78-2	6325	5988	5968	6094	3.29	cps
Silicon	28-1	7563643	7564923	7671873	7600146	0.82	cps
Silver	107-1	842072	864800	858273	855048	1.37	cps
Silver	109-1	808299	826629	817451	817460	1.12	cps
Sodium	23-2	6386648	6296111	6289798	6324186	0.86	cps
Strontium	86-1	209764	215309	215323	213465	1.50	cps
Strontium	88-1	2117609	2090182	2130341	2112711	0.97	cps
Sulfur	34-1	267720	266224	266581	266842	0.29	cps
Terbium	159-1	6968877	6880531	6835203	6894870	0.99	cps
Terbium	159-2	5591246	5468782	5461741	5507256	1.32	cps
Thallium	203-1	552049	564643	570323	562338	1.66	cps
Thallium	205-1	1311774	1334120	1339315	1328403	1.10	cps
Tin	118-1	523343	533262	535169	530592	1.20	cps
Titanium	47-1	977642	993033	993171	987949	0.90	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:55:38 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2191323	2195866	2208946	2198712	0.42	cps
Vanadium	51-2	310253	309764	304992	308336	0.94	cps
Yttrium	89-1	8962220	8914748	8949521	8942163	0.27	cps
Yttrium	89-2	2734791	2649450	2730927	2705056	1.78	cps
Zinc	66-2	748811	751275	751295	750460	0.19	cps
Zirconium	90-1	1150572	1171587	1156179	1159446	0.94	cps
Zirconium	91-1	251977	259731	260488	257399	1.83	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:58:36 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	805566	799473	803048	802696	0.38	cps
Antimony	121-1	1215904	1228824	1231424	1225384	0.68	cps
Arsenic	75-2	91091	89860	90481	90477	0.68	cps
Barium	135-1	1723118	1757586	1770964	1750556	1.41	cps
Barium	137-1	3017628	3028370	3058937	3034978	0.71	cps
Beryllium	9-1	213250	216501	217484	215745	1.03	cps
Bismuth	209-1	4334494	4426213	4346440	4369049	1.14	cps
Bismuth	209-2	4315951	4282985	4132930	4243955	2.30	cps
Bromine	81-1	8256	8226	8319	8267	0.58	cps
Bromine	81-2	110	137	170	139	21.64	cps
Cadmium	108-1	25666	25513	25733	25637	0.44	cps
Cadmium	106-1	37131	37823	37923	37625	1.15	cps
Cadmium	111-1	330196	339490	335573	335086	1.39	cps
Calcium	43-1	407859	414129	415955	412648	1.03	cps
Calcium	44-1	7341706	7288754	7234169	7288210	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	726137	725015	728782	726645	0.27	cps
Cobalt	59-2	1130447	1127565	1127347	1128453	0.15	cps
Copper	63-2	10353689	10454243	10279324	10362419	0.85	cps
Dysprosium	156-1	30	47	37	38	22.21	cps
Dysprosium	156-2	80	80	87	82	4.68	cps
Erbium	164-1	73	80	63	72	11.62	cps
Erbium	164-2	80	83	77	80	4.16	cps
Gadolinium	160-1	67	93	57	72	26.24	cps
Gadolinium	160-2	323	260	280	288	11.25	cps
Holmium	165-1	6799067	6746338	6692047	6745817	0.79	cps
Holmium	165-2	5594304	5607153	5666877	5622778	0.69	cps
Indium	115-1	5858529	5833261	5817890	5836560	0.35	cps
Indium	115-2	2478212	2401906	2409094	2429738	1.73	cps
Iron	56-2	38428844	38991773	38517446	38646021	0.78	cps
Iron	57-2	870972	867385	866365	868240	0.28	cps
Iron	54-2	2173862	2143147	2201275	2172761	1.34	cps
Krypton	83-1	533	480	467	493	7.15	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:58:36 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5540139	5577217	5798076	5638477	2.47	cps
Lead	207-1	5024044	5141703	5145733	5103827	1.35	cps
Lead	208-1	22902313	23534384	23276361	23237686	1.37	cps
Lithium	6-1	719256	714862	719663	717927	0.37	cps
Magnesium	24-2	8204189	8246598	8065197	8171995	1.16	cps
Manganese	55-2	6374976	6505231	6433742	6437983	1.01	cps
Molybdenum	94-1	5167183	5369568	5406052	5314267	2.42	cps
Molybdenum	95-1	7584112	7742652	7764221	7696995	1.28	cps
Molybdenum	96-1	8229649	8407014	8394081	8343582	1.19	cps
Molybdenum	97-1	4689105	4744085	4699855	4711015	0.62	cps
Molybdenum	98-1	12116049	12295524	12282361	12231311	0.82	cps
Neodymium	150-1	90	57	67	71	24.05	cps
Neodymium	150-2	27	17	23	22	22.91	cps
Nickel	60-2	415904	411977	411084	412989	0.62	cps
Phosphorus	31-2	45621	44358	45040	45006	1.41	cps
Potassium	39-2	4497254	4668342	4576158	4580585	1.87	cps
Rhodium	103-1	5701739	5786464	5723618	5737273	0.77	cps
Rhodium	103-2	3988171	3902692	3926132	3938999	1.12	cps
Scandium	45-1	3857606	3803049	3845834	3835496	0.75	cps
Scandium	45-2	338349	338464	339454	338756	0.18	cps
Selenium	82-1	27929	28325	28468	28240	0.99	cps
Selenium	77-2	3237	3390	3447	3358	3.24	cps
Selenium	78-2	11711	11391	11551	11551	1.39	cps
Silicon	28-1	13803233	13806206	13987108	13865515	0.76	cps
Silver	107-1	1926328	1957797	1940311	1941479	0.81	cps
Silver	109-1	1822795	1867083	1862610	1850829	1.32	cps
Sodium	23-2	12377558	12563907	12250561	12397342	1.27	cps
Strontium	86-1	420318	429426	428675	426140	1.19	cps
Strontium	88-1	4203563	4298359	4313154	4271692	1.39	cps
Sulfur	34-1	316688	319786	319726	318733	0.56	cps
Terbium	159-1	6883761	7013923	7011351	6969678	1.07	cps
Terbium	159-2	5614192	5582008	5492686	5562962	1.13	cps
Thallium	203-1	1109895	1128961	1134164	1124340	1.14	cps
Thallium	205-1	3193270	3267681	3239433	3233461	1.16	cps
Tin	118-1	1060402	1071836	1070593	1067610	0.59	cps
Titanium	47-1	2225325	2252754	2277208	2251763	1.15	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 10:58:36 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4398433	4462043	4398804	4419760	0.83	cps
Vanadium	51-2	615741	612964	614385	614363	0.23	cps
Yttrium	89-1	8889611	8834592	9033965	8919389	1.15	cps
Yttrium	89-2	2720967	2739241	2672664	2710957	1.27	cps
Zinc	66-2	1853706	1816476	1860924	1843702	1.29	cps
Zirconium	90-1	2644820	2659542	2769789	2691384	2.54	cps
Zirconium	91-1	504996	516758	519058	513604	1.47	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:01:29 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1812025	1810622	1817295	1813314	0.19	cps
Antimony	121-1	2874175	2945873	2931628	2917226	1.30	cps
Arsenic	75-2	181833	181318	181605	181585	0.14	cps
Barium	135-1	3528148	3647487	3678478	3618037	2.19	cps
Barium	137-1	6063520	6231943	6134051	6143171	1.38	cps
Beryllium	9-1	420785	427077	427792	425218	0.91	cps
Bismuth	209-1	4347190	4451520	4382695	4393802	1.21	cps
Bismuth	209-2	4258843	4307585	4304213	4290213	0.63	cps
Bromine	81-1	8409	8613	8653	8558	1.53	cps
Bromine	81-2	137	137	160	144	9.32	cps
Cadmium	108-1	51401	52324	52602	52109	1.21	cps
Cadmium	106-1	73234	74249	73337	73607	0.76	cps
Cadmium	111-1	666773	677270	676310	673451	0.86	cps
Calcium	43-1	811956	845089	836898	831314	2.08	cps
Calcium	44-1	14551114	14794704	14680062	14675293	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1643270	1666515	1641461	1650415	0.85	cps
Cobalt	59-2	2589171	2692613	2536347	2606043	3.05	cps
Copper	63-2	19103708	19137668	19210988	19150788	0.29	cps
Dysprosium	156-1	60	67	73	67	10.00	cps
Dysprosium	156-2	187	143	143	158	15.86	cps
Erbium	164-1	183	123	133	147	21.92	cps
Erbium	164-2	137	130	130	132	2.91	cps
Gadolinium	160-1	100	90	97	96	5.33	cps
Gadolinium	160-2	327	337	350	338	3.47	cps
Holmium	165-1	6986303	6988972	7093819	7023031	0.87	cps
Holmium	165-2	5869364	5778491	5852627	5833494	0.83	cps
Indium	115-1	5862460	5796751	5819559	5826257	0.57	cps
Indium	115-2	2493505	2438048	2480969	2470841	1.18	cps
Iron	56-2	77820816	78139762	76519282	77493287	1.11	cps
Iron	57-2	1946820	1948169	1905295	1933428	1.26	cps
Iron	54-2	4278337	4243834	4303788	4275320	0.70	cps
Krypton	83-1	433	503	483	473	7.62	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:01:29 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11084643	11347469	11349578	11260563	1.35	cps
Lead	207-1	9867949	10244389	10248251	10120197	2.16	cps
Lead	208-1	45032637	46329072	46606496	45989401	1.83	cps
Lithium	6-1	714475	716177	720090	716914	0.40	cps
Magnesium	24-2	16326136	16144487	16213834	16228152	0.56	cps
Manganese	55-2	12947191	12663699	12966955	12859282	1.32	cps
Molybdenum	94-1	10659605	10936296	11043055	10879652	1.82	cps
Molybdenum	95-1	15619407	15948748	15674511	15747555	1.12	cps
Molybdenum	96-1	16835626	17358906	17211921	17135484	1.58	cps
Molybdenum	97-1	9419273	9713475	9778729	9637159	1.99	cps
Molybdenum	98-1	24428928	25415246	25413291	25085822	2.27	cps
Neodymium	150-1	127	167	150	148	13.60	cps
Neodymium	150-2	33	30	53	39	32.45	cps
Nickel	60-2	602810	609768	602696	605091	0.67	cps
Phosphorus	31-2	91512	89178	88116	89602	1.94	cps
Potassium	39-2	9304359	9361587	9145527	9270491	1.21	cps
Rhodium	103-1	5761760	5836765	5768392	5788973	0.72	cps
Rhodium	103-2	4043070	4000593	4026420	4023361	0.53	cps
Scandium	45-1	3926372	3850430	3826901	3867901	1.34	cps
Scandium	45-2	343885	345418	346078	345127	0.33	cps
Selenium	82-1	55263	56700	56982	56315	1.64	cps
Selenium	77-2	7062	6882	7018	6987	1.35	cps
Selenium	78-2	22604	23369	23542	23172	2.15	cps
Silicon	28-1	26290105	26597431	26630909	26506148	0.71	cps
Silver	107-1	3892392	3971177	3997101	3953557	1.38	cps
Silver	109-1	3728728	3821553	3838536	3796272	1.56	cps
Sodium	23-2	24551136	24903258	24763065	24739153	0.72	cps
Strontium	86-1	847036	869411	869011	861819	1.49	cps
Strontium	88-1	8428800	8619465	8619247	8555837	1.29	cps
Sulfur	34-1	430515	434294	433232	432680	0.45	cps
Terbium	159-1	7032625	7212358	7206199	7150394	1.43	cps
Terbium	159-2	5667274	5545392	5658749	5623805	1.21	cps
Thallium	203-1	2731769	2821850	2849169	2800929	2.19	cps
Thallium	205-1	6555164	6706271	6749689	6670374	1.53	cps
Tin	118-1	2443115	2514731	2539163	2499003	2.00	cps
Titanium	47-1	4517127	4667208	4574833	4586389	1.65	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:01:29 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9087797	9188722	9088661	9121727	0.64	cps
Vanadium	51-2	1423712	1432673	1453481	1436622	1.06	cps
Yttrium	89-1	9022847	9173885	9126088	9107607	0.85	cps
Yttrium	89-2	2779801	2796201	2770900	2782300	0.46	cps
Zinc	66-2	3364724	3387485	3443793	3398667	1.20	cps
Zirconium	90-1	5422645	5532297	5531269	5495403	1.15	cps
Zirconium	91-1	1030831	1050174	1051002	1044002	1.09	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:04:14 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3773493	3766303	3694223	3744673	1.17	cps
Antimony	121-1	5962989	6013939	5985832	5987587	0.43	cps
Arsenic	75-2	374233	367411	369423	370356	0.95	cps
Barium	135-1	7112584	7382234	7324103	7272974	1.95	cps
Barium	137-1	12270737	12511754	12492850	12425114	1.08	cps
Beryllium	9-1	806431	811847	807014	808430	0.37	cps
Bismuth	209-1	4429106	4562719	4555497	4515774	1.66	cps
Bismuth	209-2	4343152	4263317	4232162	4279544	1.34	cps
Bromine	81-1	8966	8829	8496	8764	2.76	cps
Bromine	81-2	120	157	123	133	15.21	cps
Cadmium	108-1	102100	103614	104880	103531	1.34	cps
Cadmium	106-1	143727	146422	146516	145555	1.09	cps
Cadmium	111-1	1325364	1359120	1350167	1344884	1.30	cps
Calcium	43-1	1842896	1903426	1907748	1884690	1.92	cps
Calcium	44-1	29090640	30032109	29927216	29683322	1.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3441972	3386983	3385499	3404818	0.95	cps
Cobalt	59-2	5392450	5289699	5291081	5324410	1.11	cps
Copper	63-2	38583079	37852736	37835115	38090310	1.12	cps
Dysprosium	156-1	143	180	130	151	17.13	cps
Dysprosium	156-2	290	347	293	310	10.26	cps
Erbium	164-1	250	187	203	213	15.39	cps
Erbium	164-2	170	150	177	166	8.38	cps
Gadolinium	160-1	167	140	160	156	8.92	cps
Gadolinium	160-2	357	423	390	390	8.55	cps
Holmium	165-1	6839652	6981671	7035391	6952238	1.45	cps
Holmium	165-2	5941365	5763450	5866028	5856948	1.52	cps
Indium	115-1	5801768	5804241	5929109	5845039	1.25	cps
Indium	115-2	2470006	2480873	2438458	2463112	0.89	cps
Iron	56-2	160131311	160317054	157299264	159249210	1.06	cps
Iron	57-2	3887384	3955436	3936176	3926332	0.89	cps
Iron	54-2	8831040	8709077	8661050	8733722	1.00	cps
Krypton	83-1	480	477	493	483	1.83	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:04:14 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22603631	23336585	22718250	22886155	1.72	cps
Lead	207-1	19931296	20740551	20163654	20278501	2.05	cps
Lead	208-1	91102832	94131043	93090310	92774728	1.66	cps
Lithium	6-1	700256	699912	816653	738941	9.11	cps
Magnesium	24-2	33358110	32806044	32883721	33015958	0.91	cps
Manganese	55-2	26327710	25847286	26278599	26151198	1.01	cps
Molybdenum	94-1	21964888	22583030	22224211	22257376	1.39	cps
Molybdenum	95-1	31507608	32363776	32147426	32006270	1.39	cps
Molybdenum	96-1	34455090	35417471	35064288	34978950	1.39	cps
Molybdenum	97-1	19644359	20042006	20083758	19923374	1.22	cps
Molybdenum	98-1	50529979	51436194	51503808	51156660	1.06	cps
Neodymium	150-1	253	317	237	269	15.70	cps
Neodymium	150-2	140	100	90	110	24.05	cps
Nickel	60-2	1205444	1195624	1192022	1197697	0.58	cps
Phosphorus	31-2	180043	181337	177000	179460	1.24	cps
Potassium	39-2	18805896	18341181	18460076	18535718	1.30	cps
Rhodium	103-1	5814676	5926736	5909524	5883645	1.03	cps
Rhodium	103-2	4064896	3994874	3943888	4001219	1.52	cps
Scandium	45-1	3981167	3947506	4028885	3985853	1.03	cps
Scandium	45-2	358153	349433	351415	353000	1.29	cps
Selenium	82-1	109782	112737	111776	111432	1.35	cps
Selenium	77-2	13650	13883	13807	13780	0.86	cps
Selenium	78-2	45751	47001	45530	46094	1.72	cps
Silicon	28-1	50885768	50461583	51138583	50828644	0.67	cps
Silver	107-1	7939388	8011172	8047598	7999386	0.69	cps
Silver	109-1	7565176	7743527	7709412	7672705	1.23	cps
Sodium	23-2	51031389	49510753	49758753	50100298	1.63	cps
Strontium	86-1	2053888	2027805	2037928	2039874	0.64	cps
Strontium	88-1	17190617	17710776	18047652	17649682	2.45	cps
Sulfur	34-1	667332	673068	677620	672673	0.77	cps
Terbium	159-1	7228657	7121666	7334164	7228162	1.47	cps
Terbium	159-2	5783016	5722741	5825696	5777151	0.90	cps
Thallium	203-1	5479781	5641388	5659941	5593703	1.77	cps
Thallium	205-1	13216004	13399465	13608931	13408134	1.47	cps
Tin	118-1	5060248	5107687	5094321	5087419	0.48	cps
Titanium	47-1	9054953	9309779	9486765	9283832	2.34	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:04:14 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18053372	18095291	18293316	18147326	0.71	cps
Vanadium	51-2	2911880	2893111	2925506	2910166	0.56	cps
Yttrium	89-1	9293917	9349865	9514173	9385985	1.22	cps
Yttrium	89-2	2867245	2806634	2833565	2835814	1.07	cps
Zinc	66-2	6908369	6873394	6761963	6847909	1.12	cps
Zirconium	90-1	10851862	11258812	11208928	11106534	2.00	cps
Zirconium	91-1	2415568	2488803	2461933	2455434	1.51	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:07:03 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19963675	20361197	20526574	20283815	1.43	cps
Antimony	121-1	4277	4157	4454	4296	3.47	cps
Arsenic	75-2	437	460	480	459	4.73	cps
Barium	135-1	3580	3570	3314	3488	4.33	cps
Barium	137-1	6015	6185	5941	6047	2.07	cps
Beryllium	9-1	103	80	117	100	18.56	cps
Bismuth	209-1	4149122	4214971	4216740	4193611	0.92	cps
Bismuth	209-2	4111681	3986663	4103002	4067116	1.72	cps
Bromine	81-1	8999	9426	9393	9273	2.56	cps
Bromine	81-2	180	207	183	190	7.65	cps
Cadmium	108-1	90	93	90	91	2.11	cps
Cadmium	106-1	2357	2347	2210	2305	3.56	cps
Cadmium	111-1	903	956	905	921	3.28	cps
Calcium	43-1	9867715	10063460	10228028	10053068	1.79	cps
Calcium	44-1	157159611	160424574	159733451	159105879	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17861	17987	18051	17966	0.54	cps
Cobalt	59-2	8846	8779	8756	8794	0.53	cps
Copper	63-2	6812	6562	6175	6516	4.93	cps
Dysprosium	156-1	313	287	260	287	9.30	cps
Dysprosium	156-2	293	290	273	286	3.75	cps
Erbium	164-1	607	613	647	622	3.44	cps
Erbium	164-2	503	540	450	498	9.09	cps
Gadolinium	160-1	313	377	427	372	15.26	cps
Gadolinium	160-2	550	573	490	538	7.99	cps
Holmium	165-1	6963676	6977229	7007139	6982681	0.32	cps
Holmium	165-2	5842981	5888770	5903830	5878527	0.54	cps
Indium	115-1	5782020	5809300	5833639	5808319	0.44	cps
Indium	115-2	2552814	2518340	2532729	2534628	0.68	cps
Iron	56-2	853416707	864114760	858353827	858628432	0.62	cps
Iron	57-2	21078990	20842478	21412106	21111192	1.36	cps
Iron	54-2	46185953	46674341	46746053	46535449	0.65	cps
Krypton	83-1	493	527	570	530	7.25	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:07:03 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5121	5154	4984	5087	1.77	cps
Lead	207-1	4314	4471	4347	4377	1.89	cps
Lead	208-1	20426	20503	20243	20391	0.66	cps
Lithium	6-1	700680	685262	682072	689338	1.44	cps
Magnesium	24-2	181938497	178495757	182179777	180871344	1.14	cps
Manganese	55-2	13756	13616	13863	13745	0.90	cps
Molybdenum	94-1	6592	6348	6572	6504	2.08	cps
Molybdenum	95-1	5034	5231	5304	5190	2.69	cps
Molybdenum	96-1	10471	10501	10440	10471	0.29	cps
Molybdenum	97-1	3344	3100	3214	3219	3.78	cps
Molybdenum	98-1	8473	8239	8299	8337	1.45	cps
Neodymium	150-1	120	107	120	116	6.66	cps
Neodymium	150-2	87	110	87	94	14.26	cps
Nickel	60-2	5164	5571	5121	5285	4.70	cps
Phosphorus	31-2	533	450	563	516	11.39	cps
Potassium	39-2	102759185	103053828	103985798	103266271	0.62	cps
Rhodium	103-1	5471812	5745601	5658842	5625418	2.49	cps
Rhodium	103-2	3920307	3916991	3910324	3915874	0.13	cps
Scandium	45-1	4040783	4020084	4039704	4033523	0.29	cps
Scandium	45-2	357661	357159	360554	358458	0.51	cps
Selenium	82-1	330	325	255	303	13.91	cps
Selenium	77-2	13	13	7	11	34.61	cps
Selenium	78-2	493	610	470	524	14.30	cps
Silicon	28-1	718653	722399	726980	722677	0.58	cps
Silver	107-1	910	940	843	898	5.51	cps
Silver	109-1	837	800	780	806	3.57	cps
Sodium	23-2	274676796	267454976	273887956	272006576	1.46	cps
Strontium	86-1	25385	26113	26013	25837	1.53	cps
Strontium	88-1	212904	219909	221776	218196	2.14	cps
Sulfur	34-1	178266	174328	173476	175357	1.46	cps
Terbium	159-1	7140555	7304985	7117253	7187598	1.42	cps
Terbium	159-2	5837225	5829752	5738965	5801980	0.94	cps
Thallium	203-1	4234	4284	4231	4250	0.70	cps
Thallium	205-1	10284	10054	10271	10203	1.27	cps
Tin	118-1	2280	2467	2267	2338	4.78	cps
Titanium	47-1	657	823	733	738	11.31	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:07:03 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	510	433	517	487	9.52	cps
Vanadium	51-2	1010	1020	987	1006	1.70	cps
Yttrium	89-1	9268306	9377562	9360135	9335335	0.63	cps
Yttrium	89-2	2924448	2940799	2866544	2910597	1.34	cps
Zinc	66-2	3694	3767	3974	3812	3.81	cps
Zirconium	90-1	9180	9243	9253	9225	0.43	cps
Zirconium	91-1	2047	1967	1970	1995	2.27	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:25:21 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	327063	329145	326003	327404	0.49	cps
Antimony	121-1	2412914	2481930	2510729	2468525	2.04	cps
Arsenic	75-2	162908	162635	164653	163399	0.67	cps
Barium	135-1	2423245	2485459	2555382	2488028	2.66	cps
Barium	137-1	4236644	4285139	4265664	4262482	0.57	cps
Beryllium	9-1	35414	35647	34325	35129	2.01	cps
Bismuth	209-1	4417846	4465943	4436889	4440226	0.55	cps
Bismuth	209-2	4425484	4411395	4351206	4396029	0.90	cps
Bromine	81-1	9476	9396	9236	9370	1.31	cps
Bromine	81-2	147	117	113	126	14.62	cps
Cadmium	108-1	24922	25923	25723	25523	2.08	cps
Cadmium	106-1	37746	38127	38070	37981	0.54	cps
Cadmium	111-1	295164	293034	296286	294828	0.56	cps
Calcium	43-1	80154	80314	80687	80385	0.34	cps
Calcium	44-1	1357179	1372572	1385137	1371630	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523732	524755	521426	523304	0.33	cps
Cobalt	59-2	2381891	2343022	2348107	2357673	0.90	cps
Copper	63-2	725503	730506	730388	728799	0.39	cps
Dysprosium	156-1	23	47	27	32	39.17	cps
Dysprosium	156-2	130	90	83	101	24.96	cps
Erbium	164-1	60	57	53	57	5.89	cps
Erbium	164-2	50	30	40	40	25.00	cps
Gadolinium	160-1	53	30	80	54	45.95	cps
Gadolinium	160-2	220	387	313	307	27.24	cps
Holmium	165-1	7007235	6922290	7071382	7000302	1.07	cps
Holmium	165-2	5978386	5880516	5792235	5883712	1.58	cps
Indium	115-1	6066247	6089084	6040911	6065414	0.40	cps
Indium	115-2	2636509	2572069	2622598	2610392	1.30	cps
Iron	56-2	2774135	2816672	2843123	2811310	1.24	cps
Iron	57-2	63236	63879	62526	63214	1.07	cps
Iron	54-2	155751	156034	156136	155974	0.13	cps
Krypton	83-1	570	510	503	528	6.96	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:25:21 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1853390	1845419	1829512	1842774	0.66	cps
Lead	207-1	1331347	1345309	1364988	1347215	1.25	cps
Lead	208-1	7183727	7204529	7219852	7202703	0.25	cps
Lithium	6-1	653821	656910	649937	653556	0.53	cps
Magnesium	24-2	1350386	1365440	1312050	1342625	2.05	cps
Manganese	55-2	969245	967541	979472	972086	0.66	cps
Molybdenum	94-1	12074128	12320310	12214449	12202962	1.01	cps
Molybdenum	95-1	17414637	17671271	17406475	17497461	0.86	cps
Molybdenum	96-1	18927730	18880676	18991687	18933364	0.29	cps
Molybdenum	97-1	10614084	10726144	10752667	10697632	0.69	cps
Molybdenum	98-1	27545309	27621312	27948089	27704903	0.77	cps
Neodymium	150-1	70	67	63	67	5.00	cps
Neodymium	150-2	13	27	17	19	36.75	cps
Nickel	60-2	538254	537877	532843	536324	0.56	cps
Phosphorus	31-2	453	450	487	463	4.38	cps
Potassium	39-2	1706305	1695511	1707492	1703103	0.39	cps
Rhodium	103-1	6271793	6238247	6119520	6209854	1.29	cps
Rhodium	103-2	4144673	4222257	4163797	4176909	0.97	cps
Scandium	45-1	4205545	4231667	4171982	4203065	0.71	cps
Scandium	45-2	358415	357904	359685	358668	0.26	cps
Selenium	82-1	49929	50614	50732	50425	0.86	cps
Selenium	77-2	6038	6241	6058	6112	1.83	cps
Selenium	78-2	21022	20441	21119	20860	1.76	cps
Silicon	28-1	3125234	3198400	3170856	3164830	1.17	cps
Silver	107-1	1683945	1711367	1660005	1685105	1.53	cps
Silver	109-1	1634206	1394672	1412306	1480395	9.02	cps
Sodium	23-2	2187580	2165798	2126359	2159912	1.44	cps
Strontium	86-1	996638	1004952	1001584	1001058	0.42	cps
Strontium	88-1	10064832	10097896	10011219	10057982	0.43	cps
Sulfur	34-1	185346	180459	176000	180602	2.59	cps
Terbium	159-1	7273083	7026147	7307351	7202194	2.13	cps
Terbium	159-2	5691703	5834615	5679855	5735391	1.50	cps
Thallium	203-1	2239611	2253504	2238556	2243890	0.37	cps
Thallium	205-1	5421415	5390548	5373470	5395144	0.45	cps
Tin	118-1	2775410	2820987	2871476	2822625	1.70	cps
Titanium	47-1	4888513	4921071	4925845	4911809	0.41	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:25:21 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9882690	9715279	9951789	9849920	1.23	cps
Vanadium	51-2	1256022	1098870	1096401	1150431	7.95	cps
Yttrium	89-1	9735082	9575273	9516195	9608850	1.18	cps
Yttrium	89-2	2908896	2869771	2875966	2884878	0.73	cps
Zinc	66-2	267817	267360	266563	267246	0.24	cps
Zirconium	90-1	6290672	6266613	6195804	6251030	0.79	cps
Zirconium	91-1	1183952	1199314	1194034	1192433	0.65	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:34:48 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3190	3630	3524	3448	6.66	cps
Antimony	121-1	10594	10767	10794	10719	1.01	cps
Arsenic	75-2	433	427	427	429	0.90	cps
Barium	135-1	12319	12733	12762	12605	1.97	cps
Barium	137-1	21920	21870	21560	21783	0.90	cps
Beryllium	9-1	917	977	807	900	9.58	cps
Bismuth	209-1	4389105	4373559	4405609	4389424	0.37	cps
Bismuth	209-2	4305482	4295368	4358220	4319690	0.78	cps
Bromine	81-1	9693	9903	9003	9533	4.94	cps
Bromine	81-2	130	140	163	144	11.84	cps
Cadmium	108-1	170	110	107	129	27.65	cps
Cadmium	106-1	2180	1957	2190	2109	6.26	cps
Cadmium	111-1	1572	1715	1764	1684	5.92	cps
Calcium	43-1	9033	9100	9566	9233	3.15	cps
Calcium	44-1	171448	173946	169338	171577	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8392	8436	8576	8468	1.13	cps
Cobalt	59-2	5341	5281	4964	5195	3.90	cps
Copper	63-2	9533	9423	9190	9382	1.87	cps
Dysprosium	156-1	13	10	7	10	33.30	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	17	40	30	40.05	cps
Erbium	164-2	37	37	43	39	9.89	cps
Gadolinium	160-1	57	67	67	63	9.12	cps
Gadolinium	160-2	260	333	313	302	12.54	cps
Holmium	165-1	6813688	6835382	6844875	6831315	0.23	cps
Holmium	165-2	5686226	5680755	5774640	5713874	0.92	cps
Indium	115-1	6097373	6003236	6071296	6057302	0.80	cps
Indium	115-2	2563215	2627975	2572712	2587967	1.35	cps
Iron	56-2	173554	173695	171008	172752	0.88	cps
Iron	57-2	5381	5608	5361	5450	2.51	cps
Iron	54-2	11111	11251	11254	11205	0.73	cps
Krypton	83-1	493	437	533	488	9.96	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:34:48 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4454	4304	4057	4272	4.69	cps
Lead	207-1	3607	4041	4021	3889	6.29	cps
Lead	208-1	17468	17905	17748	17707	1.25	cps
Lithium	6-1	642438	642583	639119	641380	0.31	cps
Magnesium	24-2	143244	141986	142350	142526	0.45	cps
Manganese	55-2	11221	10867	10824	10971	1.98	cps
Molybdenum	94-1	12279	12352	12165	12265	0.77	cps
Molybdenum	95-1	14654	15315	14911	14960	2.23	cps
Molybdenum	96-1	16633	16987	16186	16602	2.42	cps
Molybdenum	97-1	9393	9186	9070	9216	1.78	cps
Molybdenum	98-1	24390	24023	23900	24104	1.06	cps
Neodymium	150-1	10	3	10	8	49.52	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	1887	1990	1863	1913	3.52	cps
Phosphorus	31-2	783	830	750	788	5.10	cps
Potassium	39-2	242302	243804	240008	242038	0.79	cps
Rhodium	103-1	6105292	6008162	6205175	6106210	1.61	cps
Rhodium	103-2	4185851	4145164	4196904	4175973	0.65	cps
Scandium	45-1	4113768	4023195	3952845	4029936	2.00	cps
Scandium	45-2	352340	351840	351585	351921	0.11	cps
Selenium	82-1	720	833	816	790	7.68	cps
Selenium	77-2	80	43	57	60	30.93	cps
Selenium	78-2	697	850	823	790	10.37	cps
Silicon	28-1	672590	680467	674900	675986	0.60	cps
Silver	107-1	7225	7572	7562	7453	2.65	cps
Silver	109-1	7092	7239	6918	7083	2.26	cps
Sodium	23-2	246835	247598	246594	247009	0.21	cps
Strontium	86-1	2624	2804	2600	2676	4.16	cps
Strontium	88-1	16363	16139	16596	16366	1.40	cps
Sulfur	34-1	175414	178401	176419	176745	0.86	cps
Terbium	159-1	6952466	7073427	7071549	7032481	0.99	cps
Terbium	159-2	5713728	5692172	5793944	5733282	0.94	cps
Thallium	203-1	4831	4984	4818	4878	1.90	cps
Thallium	205-1	11495	11625	11438	11519	0.83	cps
Tin	118-1	23606	23653	23963	23741	0.82	cps
Titanium	47-1	4047	4401	4121	4190	4.45	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:34:48 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14551	15396	15072	15006	2.84	cps
Vanadium	51-2	13736	13259	13006	13334	2.78	cps
Yttrium	89-1	9651289	9408406	9553591	9537762	1.28	cps
Yttrium	89-2	2853127	2799233	2858067	2836809	1.15	cps
Zinc	66-2	4194	4187	4121	4167	0.97	cps
Zirconium	90-1	9930	10033	10164	10042	1.17	cps
Zirconium	91-1	2387	2474	2254	2371	4.67	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:38:04 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	313	307	312	1.63	cps
Antimony	121-1	73	140	83	99	36.36	cps
Arsenic	75-2	17	13	7	12	41.65	cps
Barium	135-1	10	23	20	18	39.03	cps
Barium	137-1	27	30	30	29	6.65	cps
Beryllium	9-1	3	7	3	4	43.40	cps
Bismuth	209-1	4497764	4400864	4347356	4415328	1.73	cps
Bismuth	209-2	4451333	4376784	4242651	4356923	2.43	cps
Bromine	81-1	9423	9450	9403	9425	0.25	cps
Bromine	81-2	157	133	117	136	14.82	cps
Cadmium	108-1	10	3	10	8	49.52	cps
Cadmium	106-1	2154	2074	1773	2000	10.02	cps
Cadmium	111-1	215	218	187	207	8.32	cps
Calcium	43-1	337	307	323	322	4.66	cps
Calcium	44-1	27612	27782	28106	27833	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2224	2324	2100	2216	5.05	cps
Cobalt	59-2	90	103	83	92	11.05	cps
Copper	63-2	1853	1823	1837	1838	0.82	cps
Dysprosium	156-1	7	3	3	4	43.40	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	53	43	23	40	38.19	cps
Erbium	164-2	30	33	30	31	6.18	cps
Gadolinium	160-1	53	53	53	53	0.00	cps
Gadolinium	160-2	283	277	270	277	2.41	cps
Holmium	165-1	6715266	6935005	6825412	6825227	1.61	cps
Holmium	165-2	5798316	5723246	5681003	5734188	1.04	cps
Indium	115-1	5989216	5875110	6045285	5969871	1.45	cps
Indium	115-2	2603812	2544420	2546903	2565045	1.31	cps
Iron	56-2	23395	23031	23251	23226	0.79	cps
Iron	57-2	1440	1520	1493	1485	2.74	cps
Iron	54-2	2710	2900	2970	2860	4.70	cps
Krypton	83-1	460	523	437	473	9.47	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:38:04 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	650	617	557	608	7.78	cps
Lead	207-1	517	510	503	510	1.31	cps
Lead	208-1	2270	2470	2283	2341	4.78	cps
Lithium	6-1	645441	638326	650408	644725	0.94	cps
Magnesium	24-2	230	260	253	248	6.36	cps
Manganese	55-2	2037	2117	2020	2058	2.51	cps
Molybdenum	94-1	283	310	273	289	6.56	cps
Molybdenum	95-1	253	280	247	260	6.79	cps
Molybdenum	96-1	287	383	353	341	14.51	cps
Molybdenum	97-1	167	197	207	190	10.96	cps
Molybdenum	98-1	340	383	393	372	7.62	cps
Neodymium	150-1	7	3	3	4	43.40	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	597	550	560	569	4.32	cps
Phosphorus	31-2	420	460	513	464	10.08	cps
Potassium	39-2	69314	69427	69287	69343	0.11	cps
Rhodium	103-1	6117117	6139697	5898629	6051814	2.20	cps
Rhodium	103-2	4324176	4166113	4077002	4189097	2.99	cps
Scandium	45-1	4005580	4106887	4115351	4075939	1.50	cps
Scandium	45-2	351862	350098	346657	349539	0.76	cps
Selenium	82-1	191	116	120	142	29.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	473	507	570	517	9.50	cps
Silicon	28-1	646958	656126	656564	653216	0.83	cps
Silver	107-1	93	97	47	79	35.43	cps
Silver	109-1	110	90	57	86	31.49	cps
Sodium	23-2	28570	29074	28643	28762	0.95	cps
Strontium	86-1	787	767	890	814	8.13	cps
Strontium	88-1	177	163	167	169	4.11	cps
Sulfur	34-1	179353	179180	178232	178922	0.34	cps
Terbium	159-1	6990658	6983523	6982453	6985545	0.06	cps
Terbium	159-2	5732994	5678221	5635184	5682133	0.86	cps
Thallium	203-1	153	207	197	186	15.28	cps
Thallium	205-1	460	400	413	424	7.42	cps
Tin	118-1	1457	1370	1457	1428	3.50	cps
Titanium	47-1	100	147	107	118	21.43	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:38:04 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	17	20	18	10.81	cps
Vanadium	51-2	20	17	27	21	24.12	cps
Yttrium	89-1	9527100	9325640	9326276	9393006	1.24	cps
Yttrium	89-2	2860316	2826033	2834755	2840368	0.63	cps
Zinc	66-2	750	677	690	706	5.54	cps
Zirconium	90-1	407	383	460	417	9.43	cps
Zirconium	91-1	110	80	87	92	17.08	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:41:22 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18104151	17608768	17991026	17901315	1.45	cps
Antimony	121-1	6221	6048	6035	6101	1.71	cps
Arsenic	75-2	100	137	147	128	19.23	cps
Barium	135-1	1873	1903	1947	1908	1.93	cps
Barium	137-1	3100	3214	3247	3187	2.41	cps
Beryllium	9-1	263	247	220	243	8.98	cps
Bismuth	209-1	4391707	4539617	4433809	4455044	1.71	cps
Bismuth	209-2	4282194	4272579	4279072	4277948	0.11	cps
Bromine	81-1	9743	9983	10631	10119	4.54	cps
Bromine	81-2	257	247	227	243	6.28	cps
Cadmium	108-1	803	743	763	770	3.97	cps
Cadmium	106-1	1993	2144	2030	2056	3.80	cps
Cadmium	111-1	687	797	779	754	7.83	cps
Calcium	43-1	2002453	1944612	1944787	1963951	1.70	cps
Calcium	44-1	31328849	31294726	30787809	31137128	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66714	66339	67062	66705	0.54	cps
Cobalt	59-2	6311	6558	6268	6379	2.45	cps
Copper	63-2	29967	30003	29452	29808	1.03	cps
Dysprosium	156-1	20	23	43	29	43.68	cps
Dysprosium	156-2	20	3	20	14	66.64	cps
Erbium	164-1	67	43	83	64	31.18	cps
Erbium	164-2	50	37	50	46	16.89	cps
Gadolinium	160-1	43	57	63	54	18.71	cps
Gadolinium	160-2	330	330	350	337	3.43	cps
Holmium	165-1	7052738	7198475	7248706	7166639	1.42	cps
Holmium	165-2	5902400	5869498	5734017	5835305	1.53	cps
Indium	115-1	6009764	6199695	6226044	6145167	1.92	cps
Indium	115-2	2584100	2524341	2527335	2545259	1.32	cps
Iron	56-2	330770175	334939255	333680622	333130017	0.64	cps
Iron	57-2	8285098	8300141	8117191	8234143	1.23	cps
Iron	54-2	17928003	18250214	18269961	18149393	1.06	cps
Krypton	83-1	550	453	467	490	10.69	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:41:22 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18393	19467	20259	19373	4.83	cps
Lead	207-1	14995	15322	15739	15352	2.43	cps
Lead	208-1	71133	73859	73974	72989	2.20	cps
Lithium	6-1	645417	661712	645087	650739	1.46	cps
Magnesium	24-2	32223000	31993267	32066986	32094418	0.37	cps
Manganese	55-2	21122	21559	21442	21374	1.06	cps
Molybdenum	94-1	3859793	3938704	3988622	3929040	1.65	cps
Molybdenum	95-1	6692611	7051289	6962374	6902091	2.71	cps
Molybdenum	96-1	7150774	7448931	7532468	7377391	2.72	cps
Molybdenum	97-1	4110861	4263214	4321312	4231796	2.57	cps
Molybdenum	98-1	10580637	11024091	11236452	10947060	3.06	cps
Neodymium	150-1	30	40	40	37	15.75	cps
Neodymium	150-2	10	10	23	14	53.28	cps
Nickel	60-2	7522	7188	7459	7390	2.40	cps
Phosphorus	31-2	937852	930565	933041	933819	0.40	cps
Potassium	39-2	38907035	39122717	39442202	39157318	0.69	cps
Rhodium	103-1	5932543	6001302	6046849	5993565	0.96	cps
Rhodium	103-2	4133549	4124198	4091160	4116302	0.54	cps
Scandium	45-1	4017996	4031463	3975519	4008326	0.73	cps
Scandium	45-2	352638	352644	351987	352423	0.11	cps
Selenium	82-1	99	174	149	141	26.94	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	483	547	430	487	12.00	cps
Silicon	28-1	689225	695881	685050	690052	0.79	cps
Silver	107-1	440	350	333	374	15.32	cps
Silver	109-1	507	373	333	404	22.44	cps
Sodium	23-2	53630049	52746184	52995503	53123912	0.86	cps
Strontium	86-1	64146	64741	66131	65006	1.57	cps
Strontium	88-1	542603	555614	570295	556171	2.49	cps
Sulfur	34-1	3402583	3241881	3228181	3290881	2.95	cps
Terbium	159-1	7286603	7176232	7303464	7255433	0.95	cps
Terbium	159-2	5869878	5773946	5824137	5822654	0.82	cps
Thallium	203-1	397	423	383	401	5.08	cps
Thallium	205-1	893	1017	1077	996	9.39	cps
Tin	118-1	3320	3877	4111	3769	10.77	cps
Titanium	47-1	1974962	1997560	1984923	1985815	0.57	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:41:22 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	253	257	270	260	3.39	cps
Vanadium	51-2	470	477	553	500	9.26	cps
Yttrium	89-1	9566095	9319788	9819819	9568567	2.61	cps
Yttrium	89-2	2833043	2833548	2847209	2837934	0.28	cps
Zinc	66-2	8192	8256	7999	8149	1.64	cps
Zirconium	90-1	550	570	597	572	4.09	cps
Zirconium	91-1	123	137	173	144	17.92	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:49:36 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17352409	17301818	17204423	17286217	0.44	cps
Antimony	121-1	113306	114502	117290	115033	1.78	cps
Arsenic	75-2	7769	8076	7852	7899	2.01	cps
Barium	135-1	28168	28886	28539	28531	1.26	cps
Barium	137-1	47680	49068	49757	48835	2.17	cps
Beryllium	9-1	16843	16966	16662	16824	0.91	cps
Bismuth	209-1	4455475	4471583	4531251	4486103	0.89	cps
Bismuth	209-2	4284462	4279447	4289769	4284559	0.12	cps
Bromine	81-1	10877	11631	11284	11264	3.35	cps
Bromine	81-2	450	520	567	512	11.46	cps
Cadmium	108-1	2770	3027	2724	2840	5.75	cps
Cadmium	106-1	4497	4781	4731	4670	3.24	cps
Cadmium	111-1	29901	29526	30612	30013	1.84	cps
Calcium	43-1	1905803	1965981	2044841	1972209	3.54	cps
Calcium	44-1	30791310	30623905	32089131	31168115	2.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	147127	146118	147636	146961	0.53	cps
Cobalt	59-2	104810	104833	104437	104694	0.21	cps
Copper	63-2	101357	99280	100304	100314	1.04	cps
Dysprosium	156-1	20	10	30	20	50.00	cps
Dysprosium	156-2	27	33	37	32	15.80	cps
Erbium	164-1	67	40	63	57	25.64	cps
Erbium	164-2	47	47	60	51	15.06	cps
Gadolinium	160-1	60	73	67	67	10.00	cps
Gadolinium	160-2	267	273	303	281	6.95	cps
Holmium	165-1	7194033	7474945	7234637	7301205	2.08	cps
Holmium	165-2	5918204	5838235	5828627	5861688	0.84	cps
Indium	115-1	6060878	6276672	6105720	6147757	1.85	cps
Indium	115-2	2514753	2459504	2543713	2505990	1.71	cps
Iron	56-2	328366248	325196355	329251735	327604780	0.65	cps
Iron	57-2	7910458	8115903	8108680	8045014	1.45	cps
Iron	54-2	17978708	17894808	17756522	17876680	0.63	cps
Krypton	83-1	510	397	460	456	12.47	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:49:36 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	113967	112407	112368	112914	0.81	cps
Lead	207-1	92335	94802	97595	94910	2.77	cps
Lead	208-1	435352	437272	447549	440057	1.49	cps
Lithium	6-1	642560	618446	625180	628728	1.98	cps
Magnesium	24-2	31061654	30582243	31214040	30952646	1.07	cps
Manganese	55-2	67196	67032	66928	67052	0.20	cps
Molybdenum	94-1	3899330	3920241	3877472	3899015	0.55	cps
Molybdenum	95-1	6794851	6993384	6887356	6891864	1.44	cps
Molybdenum	96-1	7190048	7514464	7308181	7337564	2.24	cps
Molybdenum	97-1	4111616	4292066	4183320	4195668	2.17	cps
Molybdenum	98-1	10801164	11208925	10931404	10980498	1.90	cps
Neodymium	150-1	30	43	27	33	26.45	cps
Neodymium	150-2	23	43	7	24	75.09	cps
Nickel	60-2	36915	37029	37490	37145	0.82	cps
Phosphorus	31-2	913036	909841	918842	913906	0.50	cps
Potassium	39-2	38443140	38126164	39209726	38593010	1.44	cps
Rhodium	103-1	5899067	6151417	6001127	6017204	2.11	cps
Rhodium	103-2	4141778	4088880	4150936	4127198	0.81	cps
Scandium	45-1	3992729	4053690	4059575	4035331	0.92	cps
Scandium	45-2	348100	348468	350070	348879	0.30	cps
Selenium	82-1	2615	2631	2679	2641	1.25	cps
Selenium	77-2	247	253	257	252	2.02	cps
Selenium	78-2	1427	1477	1387	1430	3.15	cps
Silicon	28-1	689224	702162	700332	697239	1.00	cps
Silver	107-1	145634	147053	148956	147214	1.13	cps
Silver	109-1	134696	142705	144038	140480	3.60	cps
Sodium	23-2	51032778	50940829	50900888	50958165	0.13	cps
Strontium	86-1	64705	64842	66881	65476	1.86	cps
Strontium	88-1	552353	561942	555607	556634	0.88	cps
Sulfur	34-1	3107127	3153115	3304227	3188157	3.23	cps
Terbium	159-1	7180606	7606487	7437495	7408196	2.89	cps
Terbium	159-2	5677489	5735397	5664983	5692623	0.66	cps
Thallium	203-1	99659	103352	101032	101347	1.84	cps
Thallium	205-1	234104	240093	246746	240314	2.63	cps
Tin	118-1	2607	3187	3434	3076	13.80	cps
Titanium	47-1	1945706	1936610	2002066	1961460	1.81	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:49:36 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	477	517	530	508	5.47	cps
Vanadium	51-2	53545	53187	53026	53253	0.50	cps
Yttrium	89-1	9424039	9871546	9548277	9614621	2.40	cps
Yttrium	89-2	2878754	2818241	2787887	2828294	1.64	cps
Zinc	66-2	20394	20598	20728	20573	0.82	cps
Zirconium	90-1	540	640	477	552	14.91	cps
Zirconium	91-1	120	130	107	119	9.84	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:52:41 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9909083	9814125	9886450	9869886	0.50	cps
Antimony	121-1	3098305	3171187	3188784	3152758	1.52	cps
Arsenic	75-2	194079	193452	190910	192814	0.87	cps
Barium	135-1	3867186	3928652	3886275	3894038	0.81	cps
Barium	137-1	6560571	6735553	6618794	6638306	1.34	cps
Beryllium	9-1	393803	391770	395365	393646	0.46	cps
Bismuth	209-1	4468711	4545715	4472457	4495628	0.97	cps
Bismuth	209-2	4192952	4184877	4066207	4148012	1.71	cps
Bromine	81-1	10377	10707	10844	10643	2.26	cps
Bromine	81-2	173	203	190	189	7.96	cps
Cadmium	108-1	55804	56205	56921	56310	1.01	cps
Cadmium	106-1	78239	80338	81276	79951	1.94	cps
Cadmium	111-1	724675	734914	748982	736190	1.66	cps
Calcium	43-1	5078697	5157665	5172348	5136237	0.98	cps
Calcium	44-1	80416225	80756582	83580614	81584474	2.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1826102	1818061	1773676	1805946	1.56	cps
Cobalt	59-2	2802259	2780422	2753187	2778623	0.88	cps
Copper	63-2	20857433	20985762	21039393	20960863	0.45	cps
Dysprosium	156-1	150	227	193	190	20.23	cps
Dysprosium	156-2	303	320	327	317	3.79	cps
Erbium	164-1	370	417	383	390	6.16	cps
Erbium	164-2	310	290	303	301	3.38	cps
Gadolinium	160-1	257	213	213	228	10.98	cps
Gadolinium	160-2	447	457	413	439	5.17	cps
Holmium	165-1	7241062	7395796	7164676	7267178	1.62	cps
Holmium	165-2	5887970	5747971	5862826	5832922	1.28	cps
Indium	115-1	6051408	6041868	6108526	6067267	0.59	cps
Indium	115-2	2554387	2523515	2520929	2532943	0.73	cps
Iron	56-2	440495087	435751314	434913754	437053385	0.69	cps
Iron	57-2	10890927	10837719	10835296	10854647	0.29	cps
Iron	54-2	23986245	23810644	23927889	23908259	0.37	cps
Krypton	83-1	453	550	527	510	9.89	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:52:41 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11739639	11673818	11930167	11781208	1.13	cps
Lead	207-1	10399680	10653446	10693134	10582086	1.50	cps
Lead	208-1	47690179	48361056	48545422	48198886	0.93	cps
Lithium	6-1	628929	628948	623992	627290	0.46	cps
Magnesium	24-2	88882692	87586765	90000229	88823229	1.36	cps
Manganese	55-2	13744999	13754688	13616881	13705523	0.56	cps
Molybdenum	94-1	11877081	12036730	12042704	11985505	0.78	cps
Molybdenum	95-1	17056532	17519058	17749731	17441773	2.02	cps
Molybdenum	96-1	18822528	18883007	19113333	18939623	0.81	cps
Molybdenum	97-1	10506372	10575056	10547681	10543036	0.33	cps
Molybdenum	98-1	27077021	27675396	27476972	27409797	1.11	cps
Neodymium	150-1	220	203	197	207	5.81	cps
Neodymium	150-2	110	57	93	87	31.48	cps
Nickel	60-2	620479	627795	626208	624828	0.62	cps
Phosphorus	31-2	93893	94584	95268	94582	0.73	cps
Potassium	39-2	50467746	50368979	51050659	50629128	0.73	cps
Rhodium	103-1	6025725	6082272	6017707	6041901	0.58	cps
Rhodium	103-2	4084967	4094091	4043789	4074282	0.66	cps
Scandium	45-1	4145173	4072482	4179059	4132238	1.32	cps
Scandium	45-2	363556	360474	356226	360086	1.02	cps
Selenium	82-1	57965	57862	59134	58320	1.21	cps
Selenium	77-2	6888	7082	7095	7022	1.65	cps
Selenium	78-2	24136	23305	23415	23619	1.91	cps
Silicon	28-1	27871985	28627256	28689542	28396261	1.60	cps
Silver	107-1	4284199	4401382	4440222	4375268	1.86	cps
Silver	109-1	4123017	4164819	4241308	4176381	1.44	cps
Sodium	23-2	135912701	135651231	132365231	134643055	1.47	cps
Strontium	86-1	944524	959958	968480	957654	1.27	cps
Strontium	88-1	9471416	9609793	9706099	9595769	1.23	cps
Sulfur	34-1	424956	430311	431759	429009	0.84	cps
Terbium	159-1	7505862	7502538	7602225	7536875	0.75	cps
Terbium	159-2	5907376	5929852	5755357	5864195	1.62	cps
Thallium	203-1	2904371	2917052	2945413	2922279	0.72	cps
Thallium	205-1	6886630	7019673	7033525	6979943	1.16	cps
Tin	118-1	2708634	2659316	2773840	2713930	2.12	cps
Titanium	47-1	4927602	4928197	5098936	4984912	1.98	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:52:41 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9541267	9564108	9529199	9544858	0.19	cps
Vanadium	51-2	1539276	1562768	1577060	1559702	1.22	cps
Yttrium	89-1	9782667	9868595	9835110	9828791	0.44	cps
Yttrium	89-2	2905473	2930920	2950923	2929105	0.78	cps
Zinc	66-2	3644014	3645338	3680262	3656538	0.56	cps
Zirconium	90-1	5976564	6123533	6196978	6099025	1.84	cps
Zirconium	91-1	1127920	1154882	1170598	1151133	1.88	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:57:59 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433	363	377	391	9.50	cps
Antimony	121-1	317	330	330	326	2.37	cps
Arsenic	75-2	10	13	20	14	35.26	cps
Barium	135-1	20	47	33	33	40.01	cps
Barium	137-1	57	57	70	61	12.59	cps
Beryllium	9-1	17	17	13	16	12.40	cps
Bismuth	209-1	4449730	4461406	4560034	4490390	1.35	cps
Bismuth	209-2	4418159	4276262	4288958	4327793	1.81	cps
Bromine	81-1	10307	10134	10090	10177	1.13	cps
Bromine	81-2	147	187	147	160	14.43	cps
Cadmium	108-1	13	3	13	10	57.75	cps
Cadmium	106-1	1883	1920	1837	1880	2.22	cps
Cadmium	111-1	199	210	201	203	2.79	cps
Calcium	43-1	283	293	293	290	1.99	cps
Calcium	44-1	29716	28964	29465	29382	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1997	2124	2317	2146	7.51	cps
Cobalt	59-2	83	93	100	92	9.10	cps
Copper	63-2	2144	2114	2050	2102	2.27	cps
Dysprosium	156-1	0	7	0	2	173.21	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	63	30	33	42	43.48	cps
Erbium	164-2	23	50	30	34	40.30	cps
Gadolinium	160-1	47	63	37	49	27.55	cps
Gadolinium	160-2	330	343	307	327	5.68	cps
Holmium	165-1	6857628	6909175	6977439	6914747	0.87	cps
Holmium	165-2	5676408	5639979	5585726	5634038	0.81	cps
Indium	115-1	6193143	6151273	6087189	6143868	0.87	cps
Indium	115-2	2565947	2575032	2539958	2560313	0.71	cps
Iron	56-2	26096	26330	26547	26324	0.86	cps
Iron	57-2	1530	1463	1520	1505	2.39	cps
Iron	54-2	3050	2830	2870	2917	4.02	cps
Krypton	83-1	560	460	503	508	9.88	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:57:59 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	813	733	703	750	7.58	cps
Lead	207-1	640	670	640	650	2.66	cps
Lead	208-1	3080	2963	2887	2977	3.27	cps
Lithium	6-1	620682	610391	621936	617670	1.03	cps
Magnesium	24-2	747	803	923	824	10.94	cps
Manganese	55-2	910	907	1037	951	7.79	cps
Molybdenum	94-1	410	523	467	467	12.14	cps
Molybdenum	95-1	480	460	400	447	9.32	cps
Molybdenum	96-1	453	543	527	508	9.43	cps
Molybdenum	97-1	330	310	360	333	7.55	cps
Molybdenum	98-1	703	710	777	730	5.55	cps
Neodymium	150-1	10	3	0	4	114.60	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	523	480	547	517	6.55	cps
Phosphorus	31-2	420	433	457	437	4.25	cps
Potassium	39-2	73922	73242	74210	73791	0.67	cps
Rhodium	103-1	6113660	6201648	6120152	6145154	0.80	cps
Rhodium	103-2	4105916	4094810	4078511	4093079	0.34	cps
Scandium	45-1	3977734	3979724	4020771	3992743	0.61	cps
Scandium	45-2	347611	344990	343960	345521	0.54	cps
Selenium	82-1	82	134	120	112	24.00	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	473	557	443	491	11.96	cps
Silicon	28-1	654936	640052	637495	644161	1.46	cps
Silver	107-1	200	217	137	184	22.88	cps
Silver	109-1	157	213	160	177	18.00	cps
Sodium	23-2	40831	40022	40212	40355	1.05	cps
Strontium	86-1	807	847	870	841	3.81	cps
Strontium	88-1	200	180	163	181	10.13	cps
Sulfur	34-1	169950	169929	170374	170084	0.15	cps
Terbium	159-1	7291973	7272482	7215081	7259845	0.55	cps
Terbium	159-2	5658374	5685262	5462642	5602093	2.17	cps
Thallium	203-1	563	573	643	593	7.35	cps
Thallium	205-1	1447	1410	1423	1427	1.30	cps
Tin	118-1	1300	1057	1267	1208	10.92	cps
Titanium	47-1	97	103	120	107	11.27	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 11:57:59 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50	53	47	50	6.66	cps
Vanadium	51-2	13	30	30	24	39.37	cps
Yttrium	89-1	9654990	9684056	9605660	9648235	0.41	cps
Yttrium	89-2	2782197	2779214	2821664	2794358	0.85	cps
Zinc	66-2	730	727	690	716	3.10	cps
Zirconium	90-1	600	530	703	611	14.27	cps
Zirconium	91-1	113	130	87	110	19.87	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:01:19 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3600	3407	3831	3613	5.87	cps
Antimony	121-1	10501	10534	10300	10445	1.21	cps
Arsenic	75-2	373	420	343	379	10.20	cps
Barium	135-1	11862	11982	12129	11991	1.11	cps
Barium	137-1	20902	21289	20638	20943	1.56	cps
Beryllium	9-1	833	880	713	809	10.63	cps
Bismuth	209-1	4487234	4418554	4439907	4448565	0.79	cps
Bismuth	209-2	4311872	4360176	4330603	4334217	0.56	cps
Bromine	81-1	10094	10097	10000	10064	0.55	cps
Bromine	81-2	150	157	153	153	2.17	cps
Cadmium	108-1	123	123	100	116	11.66	cps
Cadmium	106-1	2190	2224	2117	2177	2.51	cps
Cadmium	111-1	1396	1453	1452	1434	2.26	cps
Calcium	43-1	8439	8616	8946	8667	2.97	cps
Calcium	44-1	162029	160756	161898	161561	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7996	8376	8009	8127	2.66	cps
Cobalt	59-2	4854	5144	4941	4980	2.99	cps
Copper	63-2	8733	8976	8539	8749	2.50	cps
Dysprosium	156-1	3	3	7	4	43.40	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	40	40	47	42	9.12	cps
Erbium	164-2	40	43	47	43	7.70	cps
Gadolinium	160-1	60	53	43	52	16.07	cps
Gadolinium	160-2	293	250	253	266	9.08	cps
Holmium	165-1	7062479	6898309	6943221	6968003	1.22	cps
Holmium	165-2	5806895	5768978	5582313	5719396	2.10	cps
Indium	115-1	6132366	6083817	6099889	6105357	0.41	cps
Indium	115-2	2612131	2585529	2556652	2584771	1.07	cps
Iron	56-2	166557	164229	163600	164795	0.95	cps
Iron	57-2	5068	5048	5151	5089	1.08	cps
Iron	54-2	10697	10971	10590	10753	1.82	cps
Krypton	83-1	497	560	470	509	9.08	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:01:19 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3944	3934	3664	3847	4.13	cps
Lead	207-1	3367	3480	3517	3455	2.26	cps
Lead	208-1	15567	15674	15604	15615	0.35	cps
Lithium	6-1	634392	625129	631600	630374	0.75	cps
Magnesium	24-2	134729	133956	133045	133910	0.63	cps
Manganese	55-2	10891	11201	10771	10954	2.03	cps
Molybdenum	94-1	11908	12045	11948	11967	0.59	cps
Molybdenum	95-1	14617	14654	14277	14516	1.43	cps
Molybdenum	96-1	15475	15605	15799	15626	1.04	cps
Molybdenum	97-1	9203	8873	8956	9011	1.91	cps
Molybdenum	98-1	22851	22985	23269	23035	0.92	cps
Neodymium	150-1	7	0	3	3	100.05	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	1693	1653	1723	1690	2.08	cps
Phosphorus	31-2	2574	2477	2634	2561	3.09	cps
Potassium	39-2	235057	234820	232483	234120	0.61	cps
Rhodium	103-1	6099519	6215808	6181823	6165717	0.97	cps
Rhodium	103-2	4251048	4193044	4115934	4186676	1.62	cps
Scandium	45-1	4003533	4034042	4138586	4058721	1.75	cps
Scandium	45-2	348882	346264	343152	346099	0.83	cps
Selenium	82-1	738	680	724	714	4.27	cps
Selenium	77-2	110	57	70	79	35.18	cps
Selenium	78-2	780	700	813	764	7.62	cps
Silicon	28-1	649070	658594	671682	659782	1.72	cps
Silver	107-1	7715	7679	7622	7672	0.61	cps
Silver	109-1	7219	7685	7412	7439	3.15	cps
Sodium	23-2	241078	240909	235213	239067	1.40	cps
Strontium	86-1	2764	2674	2794	2744	2.28	cps
Strontium	88-1	15535	15839	15775	15716	1.02	cps
Sulfur	34-1	180748	183076	180742	181522	0.74	cps
Terbium	159-1	7107583	7218667	7238665	7188305	0.98	cps
Terbium	159-2	5767093	5613441	5775467	5718667	1.60	cps
Thallium	203-1	5288	5508	5371	5389	2.06	cps
Thallium	205-1	12202	12609	12599	12470	1.86	cps
Tin	118-1	22818	23179	23115	23037	0.84	cps
Titanium	47-1	4301	3941	4177	4140	4.42	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:01:19 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14051	14628	14438	14372	2.05	cps
Vanadium	51-2	12562	12395	12419	12459	0.73	cps
Yttrium	89-1	9820977	9790899	9641198	9751025	0.99	cps
Yttrium	89-2	2884443	2867636	2817850	2856643	1.21	cps
Zinc	66-2	4111	4011	3874	3998	2.97	cps
Zirconium	90-1	10370	10464	10551	10462	0.86	cps
Zirconium	91-1	2174	2157	2317	2216	3.97	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02DL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925DL2 Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:04:35 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	354035	352287	351822	352715	0.33	cps
Antimony	121-1	137	137	147	140	4.12	cps
Arsenic	75-2	473	513	490	492	4.08	cps
Barium	135-1	3504	3520	3417	3480	1.59	cps
Barium	137-1	5938	5941	5841	5907	0.96	cps
Beryllium	9-1	250	183	240	224	16.02	cps
Bismuth	209-1	4533020	4322840	4533873	4463244	2.72	cps
Bismuth	209-2	4316638	4293807	4285087	4298510	0.38	cps
Bromine	81-1	10764	10664	11111	10846	2.16	cps
Bromine	81-2	250	313	333	299	14.56	cps
Cadmium	108-1	47	37	37	40	14.43	cps
Cadmium	106-1	2144	2057	2047	2082	2.55	cps
Cadmium	111-1	448	440	486	458	5.31	cps
Calcium	43-1	99682	99524	102420	100542	1.62	cps
Calcium	44-1	1836309	1811720	1818717	1822249	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5501	5494	5414	5470	0.88	cps
Cobalt	59-2	24811	24607	24266	24561	1.12	cps
Copper	63-2	33457	34329	33705	33831	1.33	cps
Dysprosium	156-1	8563	8726	8236	8508	2.93	cps
Dysprosium	156-2	9283	8739	8990	9004	3.02	cps
Erbium	164-1	9223	8930	8729	8961	2.77	cps
Erbium	164-2	7355	7169	7235	7253	1.30	cps
Gadolinium	160-1	8313	8459	8159	8310	1.81	cps
Gadolinium	160-2	7672	7565	7439	7559	1.55	cps
Holmium	165-1	7120107	7066978	6909803	7032296	1.56	cps
Holmium	165-2	5747361	5591960	5648252	5662524	1.39	cps
Indium	115-1	6223245	6184844	6167430	6191840	0.46	cps
Indium	115-2	2604090	2562249	2535724	2567354	1.34	cps
Iron	56-2	1171895	1164211	1157331	1164479	0.63	cps
Iron	57-2	31366	31390	31380	31378	0.04	cps
Iron	54-2	66865	66690	65904	66486	0.77	cps
Krypton	83-1	483	547	590	540	9.93	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02DL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925DL2 Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:04:35 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8163	7966	8189	8106	1.51	cps
Lead	207-1	6705	6768	6742	6738	0.47	cps
Lead	208-1	31271	30964	31691	31309	1.17	cps
Lithium	6-1	632988	618828	643551	631789	1.96	cps
Magnesium	24-2	209556	213806	208270	210544	1.38	cps
Manganese	55-2	783016	774999	785515	781177	0.70	cps
Molybdenum	94-1	497	463	417	459	8.76	cps
Molybdenum	95-1	313	337	313	321	4.19	cps
Molybdenum	96-1	437	393	343	391	11.94	cps
Molybdenum	97-1	253	287	213	251	14.62	cps
Molybdenum	98-1	487	427	417	443	8.54	cps
Neodymium	150-1	13303	13183	13513	13333	1.25	cps
Neodymium	150-2	9240	9126	8900	9089	1.91	cps
Nickel	60-2	5398	5148	5101	5215	3.06	cps
Phosphorus	31-2	2427	2284	2320	2344	3.18	cps
Potassium	39-2	383485	383989	385035	384170	0.21	cps
Rhodium	103-1	6098747	6118134	6047639	6088173	0.60	cps
Rhodium	103-2	4131005	4183044	4174482	4162844	0.67	cps
Scandium	45-1	4041469	4040755	4030847	4037690	0.15	cps
Scandium	45-2	346941	347074	348151	347389	0.19	cps
Selenium	82-1	175	103	46	108	59.95	cps
Selenium	77-2	37	43	60	47	25.75	cps
Selenium	78-2	470	537	547	518	8.05	cps
Silicon	28-1	4481418	4400573	4337193	4406395	1.64	cps
Silver	107-1	110	170	133	138	21.95	cps
Silver	109-1	107	150	140	132	17.16	cps
Sodium	23-2	131319	133890	133006	132738	0.98	cps
Strontium	86-1	45273	46951	45356	45860	2.06	cps
Strontium	88-1	385467	389309	388470	387749	0.52	cps
Sulfur	34-1	404599	406511	397757	402956	1.14	cps
Terbium	159-1	6966098	7314768	7070122	7116996	2.52	cps
Terbium	159-2	5690914	5665791	5617083	5657929	0.66	cps
Thallium	203-1	587	540	600	576	5.47	cps
Thallium	205-1	1487	1383	1327	1399	5.80	cps
Tin	118-1	1117	1313	1140	1190	9.03	cps
Titanium	47-1	390	440	417	416	6.02	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02DL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925DL2 Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:04:35 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5851	6035	5868	5918	1.71	cps
Vanadium	51-2	6882	7072	7399	7117	3.67	cps
Yttrium	89-1	9706325	9505174	9823667	9678389	1.66	cps
Yttrium	89-2	2925068	2874271	2852785	2884041	1.29	cps
Zinc	66-2	22984	22377	22390	22584	1.54	cps
Zirconium	90-1	780	770	703	751	5.55	cps
Zirconium	91-1	157	153	170	160	5.51	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02DUPDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925DUP Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:07:51 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	354205	356090	358508	356268	0.61	cps
Antimony	121-1	83	120	83	96	22.16	cps
Arsenic	75-2	507	643	557	569	12.15	cps
Barium	135-1	3577	3560	3447	3528	2.01	cps
Barium	137-1	6031	6081	6125	6079	0.77	cps
Beryllium	9-1	210	217	240	222	7.09	cps
Bismuth	209-1	4509939	4360135	4329208	4399761	2.20	cps
Bismuth	209-2	4242131	4330478	4290581	4287730	1.03	cps
Bromine	81-1	10370	10887	10561	10606	2.47	cps
Bromine	81-2	347	327	320	331	4.19	cps
Cadmium	108-1	23	30	33	29	17.63	cps
Cadmium	106-1	1970	2124	2047	2047	3.75	cps
Cadmium	111-1	491	545	498	511	5.73	cps
Calcium	43-1	102343	101510	102242	102032	0.45	cps
Calcium	44-1	1887549	1836885	1775762	1833399	3.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5471	5905	5541	5639	4.13	cps
Cobalt	59-2	24510	24720	25168	24800	1.35	cps
Copper	63-2	34857	35001	35328	35062	0.69	cps
Dysprosium	156-1	8983	8646	8519	8716	2.75	cps
Dysprosium	156-2	8856	9076	9253	9062	2.19	cps
Erbium	164-1	9026	8606	8970	8867	2.57	cps
Erbium	164-2	7409	7595	7452	7485	1.31	cps
Gadolinium	160-1	8273	8439	8589	8434	1.88	cps
Gadolinium	160-2	7572	8016	7492	7693	3.67	cps
Holmium	165-1	6968460	6840300	6811991	6873584	1.21	cps
Holmium	165-2	5753957	5697511	5636967	5696145	1.03	cps
Indium	115-1	6171259	6087979	5972244	6077160	1.64	cps
Indium	115-2	2516646	2572628	2533410	2540895	1.13	cps
Iron	56-2	1173628	1187142	1189626	1183465	0.73	cps
Iron	57-2	32478	31760	32636	32291	1.45	cps
Iron	54-2	65649	66436	66814	66300	0.90	cps
Krypton	83-1	567	560	510	546	5.68	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02DUPDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925DUP Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:07:51 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8092	8109	8186	8129	0.61	cps
Lead	207-1	7102	7002	6825	6976	2.01	cps
Lead	208-1	31581	31878	31898	31786	0.56	cps
Lithium	6-1	647235	618808	617826	627957	2.66	cps
Magnesium	24-2	210341	213217	212976	212178	0.75	cps
Manganese	55-2	785653	796916	798290	793619	0.87	cps
Molybdenum	94-1	357	403	450	403	11.57	cps
Molybdenum	95-1	333	313	227	291	19.48	cps
Molybdenum	96-1	400	423	400	408	3.30	cps
Molybdenum	97-1	230	233	153	206	22.02	cps
Molybdenum	98-1	470	440	537	482	10.26	cps
Neodymium	150-1	13507	13226	13477	13403	1.15	cps
Neodymium	150-2	9260	9650	9360	9423	2.15	cps
Nickel	60-2	5344	5431	5591	5455	2.29	cps
Phosphorus	31-2	2254	2404	2387	2348	3.50	cps
Potassium	39-2	388872	391122	391909	390634	0.40	cps
Rhodium	103-1	6047253	6156418	6157628	6120433	1.04	cps
Rhodium	103-2	4131848	4175675	4083546	4130356	1.12	cps
Scandium	45-1	4064200	3879790	4001978	3981989	2.36	cps
Scandium	45-2	346130	349513	350865	348836	0.70	cps
Selenium	82-1	48	89	111	83	38.54	cps
Selenium	77-2	53	43	27	41	32.76	cps
Selenium	78-2	543	560	610	571	6.07	cps
Silicon	28-1	4355551	4419731	4362910	4379398	0.80	cps
Silver	107-1	93	70	47	70	33.33	cps
Silver	109-1	53	87	90	77	26.45	cps
Sodium	23-2	132840	134115	132081	133012	0.77	cps
Strontium	86-1	45487	46543	46169	46066	1.16	cps
Strontium	88-1	389550	393912	390766	391409	0.58	cps
Sulfur	34-1	397443	405281	401148	401290	0.98	cps
Terbium	159-1	7145118	7192098	7183310	7173509	0.35	cps
Terbium	159-2	5665227	5603245	5626772	5631748	0.56	cps
Thallium	203-1	480	503	557	513	7.66	cps
Thallium	205-1	1367	1087	1203	1219	11.54	cps
Tin	118-1	1190	1110	1200	1167	4.23	cps
Titanium	47-1	393	463	443	433	8.32	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02DUPDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925DUP Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:07:51 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6118	6138	6101	6119	0.30	cps
Vanadium	51-2	7032	6978	7108	7039	0.93	cps
Yttrium	89-1	9915675	9544380	9435875	9631977	2.61	cps
Yttrium	89-2	2895496	2910559	2832521	2879525	1.44	cps
Zinc	66-2	22984	23532	23692	23403	1.59	cps
Zirconium	90-1	607	680	730	672	9.23	cps
Zirconium	91-1	160	103	160	141	23.19	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02LDL2X500 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925LDL2 Dilution Factor : 500
Date & Time Acquired : 2025-07-24 12:11:04 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71087	71479	70347	70971	0.81	cps
Antimony	121-1	57	50	80	62	25.32	cps
Arsenic	75-2	100	120	100	107	10.83	cps
Barium	135-1	703	650	630	661	5.73	cps
Barium	137-1	1227	1303	1220	1250	3.70	cps
Beryllium	9-1	53	60	70	61	13.73	cps
Bismuth	209-1	4421613	4334141	4454538	4403431	1.41	cps
Bismuth	209-2	4316305	4290810	4264733	4290616	0.60	cps
Bromine	81-1	10667	10434	10270	10457	1.91	cps
Bromine	81-2	240	147	187	191	24.50	cps
Cadmium	108-1	20	7	20	16	49.47	cps
Cadmium	106-1	2177	2094	2084	2118	2.42	cps
Cadmium	111-1	274	258	278	270	3.85	cps
Calcium	43-1	20801	20801	21188	20930	1.07	cps
Calcium	44-1	358134	359840	360438	359471	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2774	2780	2747	2767	0.64	cps
Cobalt	59-2	5331	4888	5181	5133	4.39	cps
Copper	63-2	8513	8376	8009	8299	3.14	cps
Dysprosium	156-1	1947	1847	1840	1878	3.18	cps
Dysprosium	156-2	1883	1880	1823	1862	1.81	cps
Erbium	164-1	1700	1900	1790	1797	5.58	cps
Erbium	164-2	1390	1487	1463	1447	3.49	cps
Gadolinium	160-1	1613	1813	1733	1720	5.85	cps
Gadolinium	160-2	1737	1737	1633	1702	3.51	cps
Holmium	165-1	6660288	6838146	6927608	6808681	2.00	cps
Holmium	165-2	5681727	5561764	5673397	5638962	1.19	cps
Indium	115-1	6010718	6099069	6171189	6093658	1.32	cps
Indium	115-2	2570235	2559822	2557451	2562503	0.27	cps
Iron	56-2	259101	253268	254954	255774	1.17	cps
Iron	57-2	7629	7442	7612	7561	1.37	cps
Iron	54-2	15465	15295	15041	15267	1.40	cps
Krypton	83-1	507	510	507	508	0.38	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02LDL2X500 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925LDL2 Dilution Factor : 500
Date & Time Acquired : 2025-07-24 12:11:04 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1943	2177	1927	2016	6.94	cps
Lead	207-1	1683	1763	1897	1781	6.05	cps
Lead	208-1	8011	8304	8144	8153	1.80	cps
Lithium	6-1	637511	621178	630273	629654	1.30	cps
Magnesium	24-2	42790	42215	43184	42729	1.14	cps
Manganese	55-2	161042	158374	158766	159394	0.90	cps
Molybdenum	94-1	297	237	287	273	11.76	cps
Molybdenum	95-1	277	223	250	250	10.67	cps
Molybdenum	96-1	310	333	310	318	4.24	cps
Molybdenum	97-1	220	210	173	201	12.22	cps
Molybdenum	98-1	413	363	367	381	7.33	cps
Neodymium	150-1	2560	2544	2704	2602	3.38	cps
Neodymium	150-2	1990	1827	1713	1843	7.55	cps
Nickel	60-2	1633	1503	1560	1566	4.16	cps
Phosphorus	31-2	803	837	833	824	2.23	cps
Potassium	39-2	134727	134487	134629	134614	0.09	cps
Rhodium	103-1	6195122	6114731	6183226	6164360	0.70	cps
Rhodium	103-2	4187886	4178763	4111074	4159241	1.01	cps
Scandium	45-1	4051784	3998474	3984026	4011428	0.89	cps
Scandium	45-2	353114	347225	350166	350168	0.84	cps
Selenium	82-1	83	137	86	102	29.56	cps
Selenium	77-2	0	10	23	11	105.35	cps
Selenium	78-2	433	573	423	477	17.59	cps
Silicon	28-1	1667167	1677691	1673414	1672758	0.32	cps
Silver	107-1	60	90	67	72	21.81	cps
Silver	109-1	50	20	30	33	45.83	cps
Sodium	23-2	51737	50469	51118	51108	1.24	cps
Strontium	86-1	10307	10194	10090	10197	1.06	cps
Strontium	88-1	78699	78005	80154	78953	1.39	cps
Sulfur	34-1	210512	212310	210336	211053	0.52	cps
Terbium	159-1	7063907	7192905	7043910	7100241	1.14	cps
Terbium	159-2	5661228	5729332	5780800	5723787	1.05	cps
Thallium	203-1	493	293	407	398	25.21	cps
Thallium	205-1	853	1033	927	938	9.65	cps
Tin	118-1	1007	1100	1117	1074	5.52	cps
Titanium	47-1	170	223	173	189	15.82	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02LDL2X500 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925LDL2 Dilution Factor : 500
Date & Time Acquired : 2025-07-24 12:11:04 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1320	1280	1317	1306	1.70	cps
Vanadium	51-2	1423	1487	1417	1442	2.68	cps
Yttrium	89-1	9414372	9623934	9523221	9520509	1.10	cps
Yttrium	89-2	2844976	2868581	2862256	2858605	0.43	cps
Zinc	66-2	5158	5234	5158	5183	0.85	cps
Zirconium	90-1	417	603	477	499	19.11	cps
Zirconium	91-1	80	117	140	112	26.96	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02MSDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925MSDI Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:14:21 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149717	148151	147917	148595	0.66	cps
Antimony	121-1	22618	22635	22635	22629	0.04	cps
Arsenic	75-2	2320	2034	2067	2140	7.33	cps
Barium	135-1	25233	26475	25700	25802	2.43	cps
Barium	137-1	44172	44710	44473	44452	0.61	cps
Beryllium	9-1	3407	3454	3570	3477	2.42	cps
Bismuth	209-1	4359906	4383195	4428357	4390486	0.79	cps
Bismuth	209-2	4343631	4193098	4332809	4289846	1.96	cps
Bromine	81-1	10354	10220	10397	10324	0.89	cps
Bromine	81-2	180	237	203	207	13.78	cps
Cadmium	108-1	557	463	420	480	14.55	cps
Cadmium	106-1	2594	2684	2727	2668	2.55	cps
Cadmium	111-1	6001	6546	6584	6377	5.11	cps
Calcium	43-1	46143	46996	46585	46575	0.92	cps
Calcium	44-1	770676	777175	774791	774214	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16703	16416	16226	16448	1.46	cps
Cobalt	59-2	29963	30357	29469	29930	1.49	cps
Copper	63-2	164839	165833	163009	164561	0.87	cps
Dysprosium	156-1	3164	3310	3460	3312	4.48	cps
Dysprosium	156-2	3457	3450	3484	3464	0.51	cps
Erbium	164-1	3437	3394	3360	3397	1.13	cps
Erbium	164-2	2740	2774	2720	2745	0.98	cps
Gadolinium	160-1	3140	3247	3227	3205	1.77	cps
Gadolinium	160-2	3097	3157	3060	3105	1.57	cps
Holmium	165-1	6855989	6922366	6959158	6912504	0.76	cps
Holmium	165-2	5740994	5624004	5575489	5646829	1.51	cps
Indium	115-1	6156416	6108925	6088948	6118096	0.57	cps
Indium	115-2	2592838	2599583	2538062	2576828	1.31	cps
Iron	56-2	1029286	1024928	1020154	1024789	0.45	cps
Iron	57-2	28110	26938	26837	27295	2.59	cps
Iron	54-2	59029	58118	57974	58374	0.98	cps
Krypton	83-1	480	523	540	514	6.02	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02MSDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925MSDI Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:14:21 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	82982	84290	83589	83620	0.78	cps
Lead	207-1	73247	74524	74139	73970	0.89	cps
Lead	208-1	335123	338851	337936	337303	0.58	cps
Lithium	6-1	630785	633941	629618	631448	0.35	cps
Magnesium	24-2	203341	202974	203020	203112	0.10	cps
Manganese	55-2	407438	405082	402342	404954	0.63	cps
Molybdenum	94-1	40777	41235	41014	41009	0.56	cps
Molybdenum	95-1	45390	45654	45146	45397	0.56	cps
Molybdenum	96-1	50005	51273	50621	50633	1.25	cps
Molybdenum	97-1	27833	27833	27963	27877	0.27	cps
Molybdenum	98-1	72013	72610	73062	72562	0.72	cps
Neodymium	150-1	5058	5018	4994	5023	0.64	cps
Neodymium	150-2	3450	3510	3420	3460	1.32	cps
Nickel	60-2	7545	7775	7682	7668	1.51	cps
Phosphorus	31-2	1250	1230	1347	1276	4.89	cps
Potassium	39-2	262385	259798	260530	260904	0.51	cps
Rhodium	103-1	6060481	6084273	6178103	6107619	1.02	cps
Rhodium	103-2	4183254	4165148	4106390	4151597	0.97	cps
Scandium	45-1	4019369	4071515	4108723	4066536	1.10	cps
Scandium	45-2	352180	350291	349435	350635	0.40	cps
Selenium	82-1	663	648	635	649	2.15	cps
Selenium	77-2	63	53	90	69	27.52	cps
Selenium	78-2	783	713	723	740	5.12	cps
Silicon	28-1	2335140	2351458	2318475	2335024	0.71	cps
Silver	107-1	5294	5114	5551	5320	4.13	cps
Silver	109-1	5074	5018	5161	5084	1.42	cps
Sodium	23-2	250423	249810	248756	249663	0.34	cps
Strontium	86-1	27392	27486	27556	27478	0.30	cps
Strontium	88-1	229368	233400	232896	231888	0.95	cps
Sulfur	34-1	254296	253792	254379	254156	0.12	cps
Terbium	159-1	7152441	7141175	7101386	7131667	0.38	cps
Terbium	159-2	5771693	5611619	5672569	5685294	1.42	cps
Thallium	203-1	20135	20282	20022	20146	0.65	cps
Thallium	205-1	47312	47676	47563	47517	0.39	cps
Tin	118-1	18235	23967	18192	20131	16.50	cps
Titanium	47-1	240	207	247	231	9.27	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02MSDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925MSDI Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:14:21 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	62509	62922	63116	62849	0.49	cps
Vanadium	51-2	14374	13937	13826	14046	2.06	cps
Yttrium	89-1	9751661	9657826	9643904	9684464	0.61	cps
Yttrium	89-2	2911015	2870391	2898789	2893398	0.72	cps
Zinc	66-2	37123	36615	36485	36741	0.92	cps
Zirconium	90-1	41017	41803	41228	41349	0.98	cps
Zirconium	91-1	9250	8809	9210	9090	2.68	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02MSDDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925MSDI Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:17:38 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	165511	165170	164078	164920	0.45	cps
Antimony	121-1	25202	24818	25580	25200	1.51	cps
Arsenic	75-2	2394	2334	2394	2374	1.46	cps
Barium	135-1	28445	28231	28081	28253	0.65	cps
Barium	137-1	48720	48285	49208	48738	0.95	cps
Beryllium	9-1	3620	3660	3781	3687	2.26	cps
Bismuth	209-1	4443674	4282506	4465839	4397340	2.28	cps
Bismuth	209-2	4357200	4364734	4239134	4320356	1.63	cps
Bromine	81-1	10424	10460	10521	10468	0.47	cps
Bromine	81-2	227	243	240	237	3.73	cps
Cadmium	108-1	490	507	510	502	2.13	cps
Cadmium	106-1	2790	2714	2650	2718	2.58	cps
Cadmium	111-1	7155	6815	7117	7029	2.65	cps
Calcium	43-1	50745	51407	51450	51201	0.77	cps
Calcium	44-1	848114	850532	850125	849590	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17430	17667	17547	17548	0.68	cps
Cobalt	59-2	33778	33244	32906	33309	1.32	cps
Copper	63-2	182834	180439	180645	181306	0.73	cps
Dysprosium	156-1	3584	3564	3570	3573	0.29	cps
Dysprosium	156-2	3991	3644	3851	3828	4.56	cps
Erbium	164-1	3550	3807	3897	3752	4.80	cps
Erbium	164-2	3167	3004	3087	3086	2.65	cps
Gadolinium	160-1	3647	3541	3677	3622	1.98	cps
Gadolinium	160-2	3337	3307	3264	3303	1.12	cps
Holmium	165-1	6847201	6866188	6883439	6865609	0.26	cps
Holmium	165-2	5773801	5637120	5592627	5667849	1.67	cps
Indium	115-1	6135525	6159238	6101446	6132070	0.47	cps
Indium	115-2	2586879	2596876	2583017	2588924	0.28	cps
Iron	56-2	1137938	1126801	1130745	1131828	0.50	cps
Iron	57-2	29669	29890	28707	29422	2.14	cps
Iron	54-2	64568	64695	64494	64586	0.16	cps
Krypton	83-1	550	553	470	524	9.00	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02MSDDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925MSDI Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:17:38 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	91638	92067	92895	92200	0.69	cps
Lead	207-1	81510	80316	81476	81101	0.84	cps
Lead	208-1	367852	369559	374903	370771	0.99	cps
Lithium	6-1	628324	628597	633398	630107	0.45	cps
Magnesium	24-2	224026	225096	224128	224417	0.26	cps
Manganese	55-2	449859	447527	445932	447773	0.44	cps
Molybdenum	94-1	44805	45765	45614	45395	1.14	cps
Molybdenum	95-1	49450	49891	49814	49719	0.47	cps
Molybdenum	96-1	55980	55016	57007	56001	1.78	cps
Molybdenum	97-1	30969	31043	30569	30860	0.83	cps
Molybdenum	98-1	79301	80025	80326	79884	0.66	cps
Neodymium	150-1	5478	5608	5368	5484	2.19	cps
Neodymium	150-2	3894	3871	3791	3852	1.41	cps
Nickel	60-2	8726	8362	8259	8449	2.90	cps
Phosphorus	31-2	1243	1260	1263	1256	0.85	cps
Potassium	39-2	280426	276388	276010	277608	0.88	cps
Rhodium	103-1	6055990	6146154	6227352	6143165	1.40	cps
Rhodium	103-2	4191115	4161270	4092687	4148357	1.22	cps
Scandium	45-1	4065251	4014843	4068811	4049635	0.75	cps
Scandium	45-2	351994	350009	351482	351162	0.29	cps
Selenium	82-1	744	681	695	707	4.64	cps
Selenium	77-2	87	63	73	74	15.73	cps
Selenium	78-2	793	650	830	758	12.55	cps
Silicon	28-1	2484938	2522948	2523361	2510416	0.88	cps
Silver	107-1	5821	5908	6048	5926	1.93	cps
Silver	109-1	5524	5471	5378	5458	1.36	cps
Sodium	23-2	275455	274222	272329	274002	0.57	cps
Strontium	86-1	29950	30194	29987	30044	0.44	cps
Strontium	88-1	254329	255158	257619	255702	0.67	cps
Sulfur	34-1	263608	264560	264157	264108	0.18	cps
Terbium	159-1	7112446	7043271	7095490	7083736	0.51	cps
Terbium	159-2	5685525	5700453	5537976	5641318	1.59	cps
Thallium	203-1	21741	22315	22165	22074	1.35	cps
Thallium	205-1	52006	52668	52832	52502	0.83	cps
Tin	118-1	20021	20004	20778	20268	2.18	cps
Titanium	47-1	393	223	257	291	30.94	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02MSDDL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925MSDI Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:17:38 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	68716	68968	70459	69381	1.36	cps
Vanadium	51-2	15632	15538	14784	15318	3.03	cps
Yttrium	89-1	9849587	9710645	9594395	9718209	1.31	cps
Yttrium	89-2	2878248	2888486	2875950	2880895	0.23	cps
Zinc	66-2	41658	40692	40879	41077	1.25	cps
Zirconium	90-1	45825	46871	46423	46373	1.13	cps
Zirconium	91-1	10230	10250	10337	10273	0.55	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02ADL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925ADL2 Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:20:57 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	161310	158706	158176	159397	1.05	cps
Antimony	121-1	24474	23933	24504	24304	1.32	cps
Arsenic	75-2	2360	2440	2287	2362	3.25	cps
Barium	135-1	27263	27510	27720	27498	0.83	cps
Barium	137-1	47891	47298	48486	47892	1.24	cps
Beryllium	9-1	3897	3607	3824	3776	3.99	cps
Bismuth	209-1	4437243	4468170	4411936	4439116	0.63	cps
Bismuth	209-2	4286606	4302298	4332184	4307029	0.54	cps
Bromine	81-1	10510	10370	10697	10526	1.56	cps
Bromine	81-2	260	223	233	239	7.93	cps
Cadmium	108-1	447	477	470	464	3.39	cps
Cadmium	106-1	2700	2717	2780	2733	1.54	cps
Cadmium	111-1	7019	7173	7044	7079	1.17	cps
Calcium	43-1	51701	50945	50119	50922	1.55	cps
Calcium	44-1	835225	838137	836329	836564	0.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17253	17110	17550	17304	1.30	cps
Cobalt	59-2	33130	31824	32833	32595	2.10	cps
Copper	63-2	180694	178313	178584	179197	0.73	cps
Dysprosium	156-1	3480	3507	3500	3496	0.40	cps
Dysprosium	156-2	3674	3731	3644	3683	1.20	cps
Erbium	164-1	3601	3654	3777	3677	2.46	cps
Erbium	164-2	3130	3030	3034	3065	1.85	cps
Gadolinium	160-1	3437	3357	3360	3385	1.34	cps
Gadolinium	160-2	3344	3310	3287	3314	0.86	cps
Holmium	165-1	6895221	6904847	6910185	6903418	0.11	cps
Holmium	165-2	5751498	5683290	5757903	5730897	0.72	cps
Indium	115-1	6110502	6123033	6200866	6144800	0.80	cps
Indium	115-2	2566054	2611157	2561825	2579679	1.06	cps
Iron	56-2	1118162	1099930	1102245	1106779	0.90	cps
Iron	57-2	29536	28297	29085	28972	2.16	cps
Iron	54-2	62369	61759	62198	62109	0.51	cps
Krypton	83-1	543	537	527	536	1.57	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02ADL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925ADL2 Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:20:57 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	89838	90583	91013	90478	0.66	cps
Lead	207-1	79276	79052	77902	78744	0.94	cps
Lead	208-1	362303	364330	363358	363330	0.28	cps
Lithium	6-1	634894	635733	635426	635351	0.07	cps
Magnesium	24-2	220610	219054	220614	220093	0.41	cps
Manganese	55-2	439471	429606	430834	433304	1.24	cps
Molybdenum	94-1	43411	44374	43605	43796	1.16	cps
Molybdenum	95-1	48202	48059	48664	48308	0.65	cps
Molybdenum	96-1	54696	53969	53969	54211	0.77	cps
Molybdenum	97-1	29857	29610	30422	29963	1.39	cps
Molybdenum	98-1	77702	76271	76610	76861	0.97	cps
Neodymium	150-1	5441	5451	5391	5428	0.59	cps
Neodymium	150-2	3804	3771	3801	3792	0.48	cps
Nickel	60-2	8809	8533	8583	8641	1.71	cps
Phosphorus	31-2	1270	1243	1210	1241	2.42	cps
Potassium	39-2	270927	272660	271228	271605	0.34	cps
Rhodium	103-1	6131539	6142452	6151628	6141873	0.16	cps
Rhodium	103-2	4146234	4174148	4101109	4140497	0.89	cps
Scandium	45-1	4042142	4066064	4115631	4074612	0.92	cps
Scandium	45-2	354889	347598	352548	351678	1.06	cps
Selenium	82-1	622	610	652	628	3.46	cps
Selenium	77-2	63	60	73	66	10.58	cps
Selenium	78-2	877	790	687	784	12.13	cps
Silicon	28-1	2439143	2407666	2476979	2441262	1.42	cps
Silver	107-1	5721	5768	5801	5763	0.70	cps
Silver	109-1	5144	5308	5258	5237	1.60	cps
Sodium	23-2	269209	266082	265530	266940	0.74	cps
Strontium	86-1	29216	29179	29737	29377	1.06	cps
Strontium	88-1	248522	248061	248119	248234	0.10	cps
Sulfur	34-1	267693	263024	262306	264341	1.11	cps
Terbium	159-1	7143728	7133420	7176719	7151289	0.32	cps
Terbium	159-2	5772895	5553673	5606061	5644210	2.03	cps
Thallium	203-1	21387	21273	21046	21236	0.82	cps
Thallium	205-1	50785	49931	50802	50506	0.99	cps
Tin	118-1	20505	20501	20411	20472	0.26	cps
Titanium	47-1	220	290	223	244	16.16	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-02ADL2X100 Instrumnet Name : P7
Client Sample ID : OU4-TS-29-070925ADL2 Dilution Factor : 100
Date & Time Acquired : 2025-07-24 12:20:57 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67055	67176	67155	67128	0.10	cps
Vanadium	51-2	14907	14617	15158	14894	1.82	cps
Yttrium	89-1	9694294	9636292	9619680	9650088	0.41	cps
Yttrium	89-2	2979174	2881867	2830777	2897273	2.60	cps
Zinc	66-2	42220	41110	41658	41663	1.33	cps
Zirconium	90-1	44334	44668	44343	44448	0.43	cps
Zirconium	91-1	9803	9877	9610	9763	1.41	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-04DL2X50 Instrumnet Name : P7
Client Sample ID : OU4-TS-30-070925DL2 Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:24:13 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	331487	331185	331293	331322	0.05	cps
Antimony	121-1	80	87	80	82	4.68	cps
Arsenic	75-2	423	393	457	424	7.46	cps
Barium	135-1	2630	2657	2734	2674	2.01	cps
Barium	137-1	4411	4541	4677	4543	2.94	cps
Beryllium	9-1	237	200	293	243	19.33	cps
Bismuth	209-1	4557391	4500865	4479304	4512520	0.89	cps
Bismuth	209-2	4314744	4372997	4358553	4348764	0.70	cps
Bromine	81-1	11041	11038	10314	10797	3.88	cps
Bromine	81-2	213	267	337	272	22.72	cps
Cadmium	108-1	27	37	17	27	37.50	cps
Cadmium	106-1	2187	2170	1997	2118	4.97	cps
Cadmium	111-1	477	478	438	464	4.90	cps
Calcium	43-1	70583	69816	69137	69845	1.04	cps
Calcium	44-1	1253741	1228963	1233514	1238739	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5121	5404	5328	5284	2.77	cps
Cobalt	59-2	23465	23692	23282	23480	0.88	cps
Copper	63-2	34694	34076	33992	34254	1.12	cps
Dysprosium	156-1	8142	7796	7846	7928	2.36	cps
Dysprosium	156-2	8383	8486	8359	8409	0.80	cps
Erbium	164-1	7879	8363	8253	8165	3.10	cps
Erbium	164-2	6685	6885	6808	6793	1.49	cps
Gadolinium	160-1	7862	7776	7889	7842	0.76	cps
Gadolinium	160-2	7018	6758	7182	6986	3.06	cps
Holmium	165-1	6953820	6932565	7170776	7019054	1.88	cps
Holmium	165-2	5811241	5711942	5769913	5764365	0.87	cps
Indium	115-1	6169469	6274224	6323615	6255769	1.26	cps
Indium	115-2	2596595	2618882	2584370	2599949	0.67	cps
Iron	56-2	851678	849239	846845	849254	0.28	cps
Iron	57-2	23725	23826	23505	23685	0.69	cps
Iron	54-2	48371	48331	48424	48375	0.10	cps
Krypton	83-1	483	533	570	529	8.23	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-04DL2X50 Instrumnet Name : P7
Client Sample ID : OU4-TS-30-070925DL2 Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:24:13 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6518	6595	6475	6529	0.93	cps
Lead	207-1	5428	5351	5561	5447	1.95	cps
Lead	208-1	25783	25690	25153	25542	1.33	cps
Lithium	6-1	649559	654663	640539	648254	1.10	cps
Magnesium	24-2	180539	177237	178149	178642	0.95	cps
Manganese	55-2	760723	757494	758573	758930	0.22	cps
Molybdenum	94-1	497	453	527	492	7.49	cps
Molybdenum	95-1	270	290	290	283	4.08	cps
Molybdenum	96-1	310	393	330	344	12.63	cps
Molybdenum	97-1	263	203	217	228	13.83	cps
Molybdenum	98-1	400	400	397	399	0.48	cps
Neodymium	150-1	11945	12105	12015	12022	0.67	cps
Neodymium	150-2	8236	8786	8506	8509	3.23	cps
Nickel	60-2	5388	5198	5641	5409	4.11	cps
Phosphorus	31-2	2063	1773	1987	1941	7.74	cps
Potassium	39-2	347357	346707	348838	347634	0.31	cps
Rhodium	103-1	6228405	6185191	6431172	6281589	2.09	cps
Rhodium	103-2	4206151	4234486	4282805	4241147	0.91	cps
Scandium	45-1	4217093	4106494	4117818	4147135	1.47	cps
Scandium	45-2	354056	357987	356003	356015	0.55	cps
Selenium	82-1	228	102	107	146	48.90	cps
Selenium	77-2	30	37	37	34	11.18	cps
Selenium	78-2	570	513	510	531	6.35	cps
Silicon	28-1	4310902	4433997	4419118	4388006	1.53	cps
Silver	107-1	80	93	87	87	7.69	cps
Silver	109-1	80	67	70	72	9.61	cps
Sodium	23-2	118026	119261	117978	118422	0.61	cps
Strontium	86-1	23903	24417	24474	24265	1.30	cps
Strontium	88-1	201888	204444	198915	201749	1.37	cps
Sulfur	34-1	351287	348617	357885	352596	1.35	cps
Terbium	159-1	7139672	7246307	7342276	7242752	1.40	cps
Terbium	159-2	5803520	5759826	5708903	5757416	0.82	cps
Thallium	203-1	377	383	373	378	1.35	cps
Thallium	205-1	940	973	863	926	6.09	cps
Tin	118-1	1260	1183	1247	1230	3.33	cps
Titanium	47-1	460	327	347	378	19.03	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2555-04DL2X50 Instrumnet Name : P7
Client Sample ID : OU4-TS-30-070925DL2 Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:24:13 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5394	5184	5691	5423	4.70	cps
Vanadium	51-2	6435	6475	6178	6363	2.53	cps
Yttrium	89-1	10031501	9931292	9891173	9951322	0.73	cps
Yttrium	89-2	2974789	2943228	2958063	2958693	0.53	cps
Zinc	66-2	20117	19219	19937	19758	2.40	cps
Zirconium	90-1	837	887	963	896	7.13	cps
Zirconium	91-1	173	170	177	173	1.92	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2638-02DLX50 Instrumnet Name : P7
Client Sample ID : OU4-TS-31-071725DL Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:31:08 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	252977	254198	253643	253606	0.24	cps
Antimony	121-1	73	63	77	71	9.76	cps
Arsenic	75-2	543	560	597	567	4.82	cps
Barium	135-1	3774	4051	3881	3902	3.58	cps
Barium	137-1	6578	6788	6998	6788	3.09	cps
Beryllium	9-1	160	150	163	158	4.40	cps
Bismuth	209-1	4678642	4648693	4678080	4668471	0.37	cps
Bismuth	209-2	4440615	4509357	4506693	4485555	0.87	cps
Bromine	81-1	10457	10621	10324	10467	1.42	cps
Bromine	81-2	263	317	283	288	9.36	cps
Cadmium	108-1	23	37	30	30	22.23	cps
Cadmium	106-1	2043	2177	2094	2105	3.20	cps
Cadmium	111-1	511	429	472	471	8.79	cps
Calcium	43-1	114062	115264	116272	115199	0.96	cps
Calcium	44-1	2010571	2059578	2049461	2039870	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5318	5174	5354	5282	1.80	cps
Cobalt	59-2	16202	16219	16059	16160	0.54	cps
Copper	63-2	19937	19586	20080	19868	1.28	cps
Dysprosium	156-1	3821	4154	4197	4057	5.08	cps
Dysprosium	156-2	4614	4244	4467	4442	4.20	cps
Erbium	164-1	4621	4651	4451	4574	2.36	cps
Erbium	164-2	3590	3801	3834	3742	3.53	cps
Gadolinium	160-1	3884	4107	3914	3968	3.06	cps
Gadolinium	160-2	3711	3687	3747	3715	0.81	cps
Holmium	165-1	7187990	7323680	7026984	7179551	2.07	cps
Holmium	165-2	5919919	5957340	5865933	5914397	0.78	cps
Indium	115-1	6436371	6467011	6363416	6422266	0.83	cps
Indium	115-2	2642576	2722972	2669765	2678438	1.53	cps
Iron	56-2	1755127	1722176	1749596	1742299	1.01	cps
Iron	57-2	41313	41698	41534	41515	0.46	cps
Iron	54-2	87355	86715	87862	87310	0.66	cps
Krypton	83-1	513	503	630	549	12.83	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2638-02DLX50 Instrumnet Name : P7
Client Sample ID : OU4-TS-31-071725DL Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:31:08 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8843	8389	8323	8518	3.32	cps
Lead	207-1	7175	6979	7192	7115	1.67	cps
Lead	208-1	33907	32349	33016	33090	2.36	cps
Lithium	6-1	673972	673910	674280	674054	0.03	cps
Magnesium	24-2	286488	286223	285816	286176	0.12	cps
Manganese	55-2	658836	661449	660011	660099	0.20	cps
Molybdenum	94-1	470	523	440	478	8.83	cps
Molybdenum	95-1	223	267	263	251	9.60	cps
Molybdenum	96-1	313	320	390	341	12.45	cps
Molybdenum	97-1	227	277	153	219	28.34	cps
Molybdenum	98-1	337	423	460	407	15.57	cps
Neodymium	150-1	5941	6178	6038	6052	1.97	cps
Neodymium	150-2	4277	4164	4174	4205	1.49	cps
Nickel	60-2	4714	4411	4711	4612	3.78	cps
Phosphorus	31-2	2790	2737	2904	2810	3.03	cps
Potassium	39-2	427542	427933	430992	428822	0.44	cps
Rhodium	103-1	6466385	6398381	6308094	6390953	1.24	cps
Rhodium	103-2	4306894	4333510	4398409	4346271	1.08	cps
Scandium	45-1	4247139	4209918	4274634	4243897	0.77	cps
Scandium	45-2	365127	367536	365900	366188	0.34	cps
Selenium	82-1	106	115	18	80	67.16	cps
Selenium	77-2	20	30	17	22	31.22	cps
Selenium	78-2	577	520	573	557	5.71	cps
Silicon	28-1	3588641	3647782	3581042	3605822	1.01	cps
Silver	107-1	67	50	37	51	29.41	cps
Silver	109-1	67	37	63	56	29.59	cps
Sodium	23-2	155645	154703	155069	155139	0.31	cps
Strontium	86-1	37327	37398	37214	37313	0.25	cps
Strontium	88-1	318913	318675	323629	320406	0.87	cps
Sulfur	34-1	411751	416488	421557	416599	1.18	cps
Terbium	159-1	7180137	7354406	7404428	7312990	1.61	cps
Terbium	159-2	5912107	5911431	5903752	5909097	0.08	cps
Thallium	203-1	320	340	340	333	3.46	cps
Thallium	205-1	793	827	737	786	5.79	cps
Tin	118-1	1320	1420	1197	1312	8.53	cps
Titanium	47-1	653	767	663	694	9.04	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2638-02DLX50 Instrumnet Name : P7
Client Sample ID : OU4-TS-31-071725DL Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:31:08 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2737	2757	2960	2818	4.39	cps
Vanadium	51-2	7609	7842	7865	7772	1.83	cps
Yttrium	89-1	10091851	10230483	10152103	10158146	0.68	cps
Yttrium	89-2	3048229	2979989	3027314	3018511	1.16	cps
Zinc	66-2	25418	24717	25385	25174	1.57	cps
Zirconium	90-1	893	1003	990	962	6.24	cps
Zirconium	91-1	190	160	193	181	10.14	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2638-03DLX50 Instrumnet Name : P7
Client Sample ID : OU4-TS-32-071725DL Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:34:24 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	485758	485300	483527	484862	0.24	cps
Antimony	121-1	113	87	107	102	13.57	cps
Arsenic	75-2	907	857	930	898	4.17	cps
Barium	135-1	5698	6108	5845	5883	3.53	cps
Barium	137-1	10150	10254	10080	10161	0.86	cps
Beryllium	9-1	297	363	280	313	14.07	cps
Bismuth	209-1	4552604	4564987	4671004	4596198	1.42	cps
Bismuth	209-2	4435849	4411311	4506068	4451076	1.10	cps
Bromine	81-1	10410	10921	11414	10915	4.60	cps
Bromine	81-2	327	280	280	296	9.11	cps
Cadmium	108-1	23	50	53	42	38.95	cps
Cadmium	106-1	2247	2184	2090	2174	3.63	cps
Cadmium	111-1	595	577	558	577	3.18	cps
Calcium	43-1	94754	96273	94701	95242	0.94	cps
Calcium	44-1	1688042	1673020	1684523	1681862	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8653	8319	8676	8549	2.34	cps
Cobalt	59-2	30511	29743	30284	30179	1.31	cps
Copper	63-2	51592	51127	51338	51352	0.45	cps
Dysprosium	156-1	10691	11275	10964	10977	2.66	cps
Dysprosium	156-2	11565	11388	11672	11542	1.24	cps
Erbium	164-1	11054	11241	11505	11267	2.01	cps
Erbium	164-2	9440	9373	9000	9271	2.56	cps
Gadolinium	160-1	10968	10958	11378	11101	2.16	cps
Gadolinium	160-2	9647	9857	9620	9708	1.34	cps
Holmium	165-1	7208998	7205242	7085412	7166551	0.98	cps
Holmium	165-2	5993121	5868449	5896739	5919436	1.10	cps
Indium	115-1	6375635	6369766	6265159	6336853	0.98	cps
Indium	115-2	2700886	2715973	2660487	2692449	1.07	cps
Iron	56-2	3173218	3208839	3187463	3189840	0.56	cps
Iron	57-2	73111	71941	73127	72726	0.93	cps
Iron	54-2	159539	160528	158247	159438	0.72	cps
Krypton	83-1	540	543	523	536	2.00	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2638-03DLX50 Instrumnet Name : P7
Client Sample ID : OU4-TS-32-071725DL Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:34:24 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14314	14351	14525	14397	0.78	cps
Lead	207-1	12156	12286	11962	12134	1.34	cps
Lead	208-1	56046	55728	56223	55999	0.45	cps
Lithium	6-1	657022	655601	677409	663344	1.84	cps
Magnesium	24-2	288230	287693	284670	286864	0.67	cps
Manganese	55-2	975389	981147	978789	978442	0.30	cps
Molybdenum	94-1	550	560	690	600	13.02	cps
Molybdenum	95-1	313	327	330	323	2.73	cps
Molybdenum	96-1	377	490	467	444	13.46	cps
Molybdenum	97-1	310	257	190	252	23.84	cps
Molybdenum	98-1	457	540	477	491	8.86	cps
Neodymium	150-1	17221	17101	17104	17142	0.40	cps
Neodymium	150-2	11608	11538	12105	11751	2.63	cps
Nickel	60-2	7395	7515	7145	7352	2.57	cps
Phosphorus	31-2	3007	3127	3200	3111	3.14	cps
Potassium	39-2	536426	539405	539127	538320	0.31	cps
Rhodium	103-1	6477456	6594060	6304831	6458782	2.25	cps
Rhodium	103-2	4301946	4250031	4277331	4276436	0.61	cps
Scandium	45-1	4251567	4238702	4236502	4242257	0.19	cps
Scandium	45-2	364569	366225	362558	364451	0.50	cps
Selenium	82-1	153	159	206	173	16.97	cps
Selenium	77-2	50	53	67	57	15.57	cps
Selenium	78-2	573	550	577	567	2.56	cps
Silicon	28-1	6664187	6496044	6495137	6551789	1.49	cps
Silver	107-1	63	70	87	73	16.39	cps
Silver	109-1	57	33	100	63	53.42	cps
Sodium	23-2	165818	167568	167310	166899	0.57	cps
Strontium	86-1	33882	35496	35292	34890	2.52	cps
Strontium	88-1	298834	295857	299730	298140	0.68	cps
Sulfur	34-1	450300	450711	441857	447623	1.12	cps
Terbium	159-1	7304835	7346276	7455802	7368971	1.06	cps
Terbium	159-2	5982296	5878497	5877126	5912639	1.02	cps
Thallium	203-1	303	337	327	322	5.31	cps
Thallium	205-1	800	813	837	817	2.27	cps
Tin	118-1	1247	1133	1173	1185	4.85	cps
Titanium	47-1	16756	16599	16883	16746	0.85	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : Q2638-03DLX50 Instrumnet Name : P7
Client Sample ID : OU4-TS-32-071725DL Dilution Factor : 50
Date & Time Acquired : 2025-07-24 12:34:24 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10277	10441	10491	10403	1.07	cps
Vanadium	51-2	12502	11955	12268	12242	2.24	cps
Yttrium	89-1	10274107	10144050	10232195	10216784	0.65	cps
Yttrium	89-2	3057505	3052680	3020972	3043719	0.65	cps
Zinc	66-2	26550	25963	26273	26262	1.12	cps
Zirconium	90-1	1150	1137	1133	1140	0.77	cps
Zirconium	91-1	253	177	210	213	18.02	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:39:25 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9977854	9955439	9955139	9962811	0.13	cps
Antimony	121-1	3043456	3189093	3121712	3118087	2.34	cps
Arsenic	75-2	192625	191673	190832	191710	0.47	cps
Barium	135-1	3761150	3929352	3876620	3855708	2.23	cps
Barium	137-1	6502053	6619089	6712651	6611265	1.60	cps
Beryllium	9-1	403992	406605	413582	408060	1.21	cps
Bismuth	209-1	4425256	4450417	4461364	4445679	0.42	cps
Bismuth	209-2	4300633	4235096	4257469	4264400	0.78	cps
Bromine	81-1	10194	10370	10581	10382	1.87	cps
Bromine	81-2	160	163	167	163	2.04	cps
Cadmium	108-1	56065	56647	56393	56368	0.52	cps
Cadmium	106-1	79366	80968	82222	80852	1.77	cps
Cadmium	111-1	721492	740239	744384	735372	1.66	cps
Calcium	43-1	5168080	5173186	5240618	5193961	0.78	cps
Calcium	44-1	81919950	82895212	82867489	82560884	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1818989	1814253	1791612	1808285	0.81	cps
Cobalt	59-2	2817613	2799807	2734576	2783999	1.57	cps
Copper	63-2	20850830	20884807	20676120	20803919	0.54	cps
Dysprosium	156-1	143	157	167	156	7.52	cps
Dysprosium	156-2	263	290	273	276	4.89	cps
Erbium	164-1	383	333	397	371	9.00	cps
Erbium	164-2	297	233	243	258	13.21	cps
Gadolinium	160-1	230	180	217	209	12.40	cps
Gadolinium	160-2	407	477	443	442	7.92	cps
Holmium	165-1	7137321	7346060	7414649	7299343	1.98	cps
Holmium	165-2	5985953	6004044	5919481	5969826	0.75	cps
Indium	115-1	6144586	6240534	6365284	6250135	1.77	cps
Indium	115-2	2648678	2613389	2608700	2623589	0.83	cps
Iron	56-2	440975473	436542527	435008874	437508958	0.71	cps
Iron	57-2	10888581	10782961	10702841	10791461	0.86	cps
Iron	54-2	24239679	23812969	24021860	24024836	0.89	cps
Krypton	83-1	587	537	503	542	7.73	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:39:25 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11407211	11656459	11699448	11587706	1.36	cps
Lead	207-1	10032033	10448687	10602781	10361167	2.85	cps
Lead	208-1	46080514	47379916	47333183	46931204	1.57	cps
Lithium	6-1	669973	671162	675352	672162	0.42	cps
Magnesium	24-2	88826485	89312792	88821512	88986930	0.32	cps
Manganese	55-2	13864374	13629681	13947748	13813934	1.19	cps
Molybdenum	94-1	11889014	12150491	12341466	12126991	1.87	cps
Molybdenum	95-1	17393986	17279599	17555394	17409660	0.80	cps
Molybdenum	96-1	18947375	18820838	19035491	18934568	0.57	cps
Molybdenum	97-1	10523916	10762874	10625965	10637585	1.13	cps
Molybdenum	98-1	27184250	27926671	27777093	27629338	1.42	cps
Neodymium	150-1	207	203	200	203	1.64	cps
Neodymium	150-2	110	70	90	90	22.22	cps
Nickel	60-2	620428	624442	617381	620750	0.57	cps
Phosphorus	31-2	95885	94903	95376	95388	0.52	cps
Potassium	39-2	49944284	50442121	50657046	50347817	0.73	cps
Rhodium	103-1	6155277	6230510	6242967	6209585	0.76	cps
Rhodium	103-2	4206817	4130198	4062492	4133169	1.75	cps
Scandium	45-1	4247489	4360807	4296734	4301677	1.32	cps
Scandium	45-2	368620	370339	367153	368704	0.43	cps
Selenium	82-1	57773	58827	58914	58505	1.09	cps
Selenium	77-2	6928	6982	6922	6944	0.47	cps
Selenium	78-2	23636	23178	23639	23484	1.13	cps
Silicon	28-1	28747445	29352185	29993316	29364316	2.12	cps
Silver	107-1	4338424	4450725	4424340	4404496	1.33	cps
Silver	109-1	4282592	4170603	4262357	4238517	1.41	cps
Sodium	23-2	135079358	131676761	135104221	133953447	1.47	cps
Strontium	86-1	939507	962582	967036	956375	1.55	cps
Strontium	88-1	9533014	9827583	9706518	9689039	1.53	cps
Sulfur	34-1	453638	455364	454437	454480	0.19	cps
Terbium	159-1	7525089	7676206	7477752	7559683	1.37	cps
Terbium	159-2	5984117	5897630	6007532	5963093	0.97	cps
Thallium	203-1	2871263	2869368	2970401	2903677	1.99	cps
Thallium	205-1	6813497	6976464	6914123	6901361	1.19	cps
Tin	118-1	2667092	2706059	2773968	2715706	1.99	cps
Titanium	47-1	4973917	5091852	5011122	5025630	1.20	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:39:25 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9011976	9363658	9263268	9212968	1.97	cps
Vanadium	51-2	1524315	1554220	1572746	1550427	1.58	cps
Yttrium	89-1	9886755	10411354	10150082	10149397	2.58	cps
Yttrium	89-2	2991955	2991759	2993422	2992379	0.03	cps
Zinc	66-2	3671402	3619102	3635377	3641961	0.73	cps
Zirconium	90-1	6021788	6227255	6166250	6138431	1.72	cps
Zirconium	91-1	1142702	1168398	1172856	1161319	1.40	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:45:01 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313	243	323	293	14.86	cps
Antimony	121-1	303	360	330	331	8.56	cps
Arsenic	75-2	13	20	7	13	49.99	cps
Barium	135-1	47	27	27	33	34.64	cps
Barium	137-1	43	47	37	42	12.06	cps
Beryllium	9-1	7	3	7	6	34.70	cps
Bismuth	209-1	4431478	4379053	4499679	4436737	1.36	cps
Bismuth	209-2	4293620	4283068	4237573	4271420	0.70	cps
Bromine	81-1	9940	9963	9627	9843	1.91	cps
Bromine	81-2	147	190	193	177	14.74	cps
Cadmium	108-1	13	7	3	8	65.47	cps
Cadmium	106-1	1890	1850	1827	1856	1.73	cps
Cadmium	111-1	193	207	194	198	3.99	cps
Calcium	43-1	283	317	297	299	5.61	cps
Calcium	44-1	29739	29519	29198	29485	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2204	1963	2187	2118	6.33	cps
Cobalt	59-2	77	70	77	74	5.17	cps
Copper	63-2	1790	1687	1620	1699	5.04	cps
Dysprosium	156-1	7	17	3	9	78.08	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	47	23	50	40	36.33	cps
Erbium	164-2	37	47	30	38	22.21	cps
Gadolinium	160-1	40	63	33	46	34.58	cps
Gadolinium	160-2	333	337	243	304	17.39	cps
Holmium	165-1	7064100	6956508	6955574	6992061	0.89	cps
Holmium	165-2	5755577	5592512	5579588	5642559	1.74	cps
Indium	115-1	6166225	6169583	6178957	6171588	0.11	cps
Indium	115-2	2575692	2547562	2564197	2562484	0.55	cps
Iron	56-2	23989	23041	23495	23509	2.02	cps
Iron	57-2	1313	1430	1410	1385	4.51	cps
Iron	54-2	2720	2607	2727	2685	2.51	cps
Krypton	83-1	533	507	487	509	4.60	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:45:01 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	633	577	667	626	7.27	cps
Lead	207-1	563	493	437	498	12.75	cps
Lead	208-1	2520	2343	2387	2417	3.81	cps
Lithium	6-1	668366	670565	666039	668323	0.34	cps
Magnesium	24-2	580	497	473	517	10.85	cps
Manganese	55-2	1077	857	933	956	11.69	cps
Molybdenum	94-1	303	450	407	387	19.49	cps
Molybdenum	95-1	397	367	360	374	5.22	cps
Molybdenum	96-1	473	397	387	419	11.32	cps
Molybdenum	97-1	313	233	263	270	14.97	cps
Molybdenum	98-1	697	597	543	612	12.71	cps
Neodymium	150-1	10	7	0	6	91.64	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	483	463	547	498	8.74	cps
Phosphorus	31-2	457	467	387	437	9.98	cps
Potassium	39-2	71356	70606	70362	70775	0.73	cps
Rhodium	103-1	6182086	6287707	6152242	6207345	1.15	cps
Rhodium	103-2	4137234	4146445	4156340	4146673	0.23	cps
Scandium	45-1	4100258	4027666	4095620	4074514	1.00	cps
Scandium	45-2	345531	343805	348598	345978	0.70	cps
Selenium	82-1	138	100	117	118	16.41	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	527	493	510	510	3.27	cps
Silicon	28-1	656662	628538	632352	639184	2.39	cps
Silver	107-1	100	173	140	138	26.65	cps
Silver	109-1	117	100	93	103	11.63	cps
Sodium	23-2	35387	34335	34218	34647	1.86	cps
Strontium	86-1	877	803	797	826	5.38	cps
Strontium	88-1	173	137	130	147	15.91	cps
Sulfur	34-1	178941	181926	182421	181096	1.04	cps
Terbium	159-1	7188530	7108183	7224150	7173621	0.83	cps
Terbium	159-2	5702838	5675480	5558330	5645549	1.36	cps
Thallium	203-1	317	330	220	289	20.78	cps
Thallium	205-1	750	767	760	759	1.11	cps
Tin	118-1	1177	1143	1167	1162	1.47	cps
Titanium	47-1	93	87	107	96	10.66	cps

LB Number : LB136601 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-07-24 12:45:01 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	70	50	52	32.12	cps
Vanadium	51-2	33	23	17	24	34.31	cps
Yttrium	89-1	9608301	9457458	9496860	9520873	0.82	cps
Yttrium	89-2	2812079	2918987	2907201	2879422	2.04	cps
Zinc	66-2	687	650	637	658	3.94	cps
Zirconium	90-1	530	510	583	541	7.01	cps
Zirconium	91-1	160	120	133	138	14.78	cps