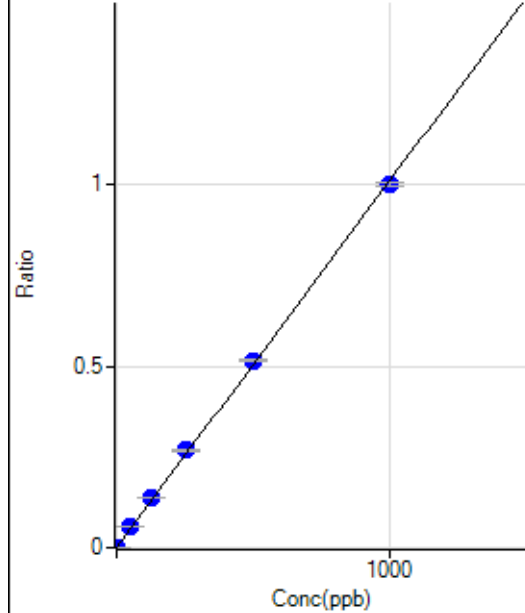


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7020425MS-4.b\
Analysis File: P7020425MS-4.batch.bin
DA Date-Time: 2025-02-06 01:37:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-04 17:25:15
2	005CALS.d	S02	2025-02-04 17:28:33
3	006CALS.d	S03	2025-02-04 17:31:52
4	007CALS.d	S04	2025-02-04 17:34:57
5	008CALS.d	S05	2025-02-04 17:37:54
6	009CALS.d	S06	2025-02-04 17:40:42
7	010CALS.d	S07	2025-02-04 17:43:28
8	011CALS.d	S08	2025-02-04 17:46:12

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	64.44	0.0001	P	36.9
2	☐	1.000	1.153	1088.94	0.0012	P	2.0
3	☐	50.000	55.632	49706.91	0.0562	P	1.7
4	☐	125.000	136.051	122443.88	0.1374	P	0.4
5	☐	250.000	265.441	239721.38	0.2679	P	1.0
6	☐	500.000	510.012	459175.17	0.5147	P	0.9
7	☐	1000.000	989.471	882117.10	0.9985	P	1.0
8	☐			248.89	0.0003	P	23.4

$$y = 0.0010 * x + 7.3478E-005$$

$$R = 0.9998$$

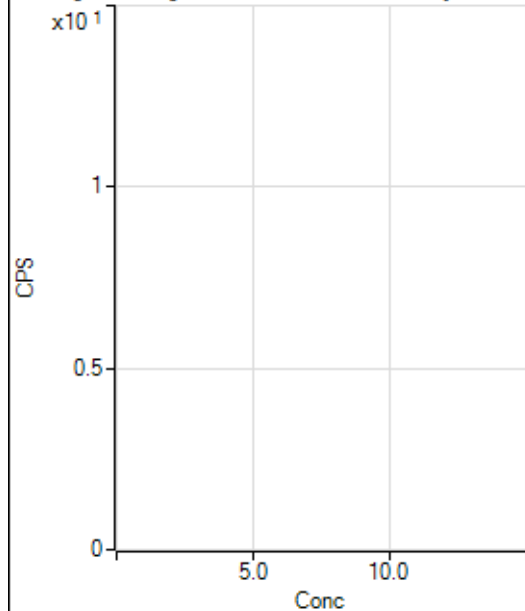
$$DL = 0.08064$$

$$BEC = 0.07282$$

Weight: <None>

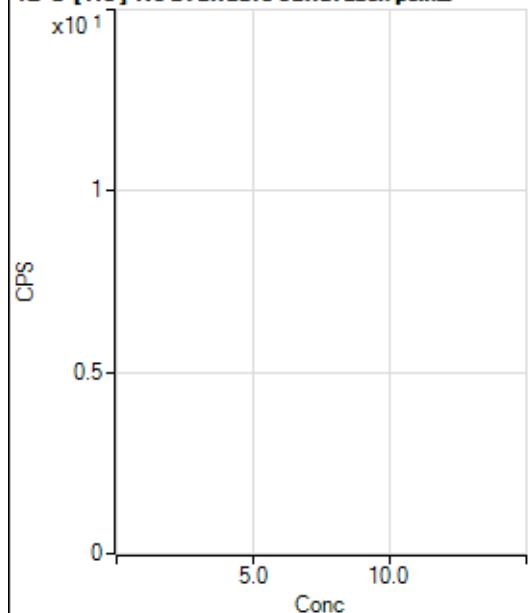
Min Conc: 0

12 C [No Gas] No available calibration points



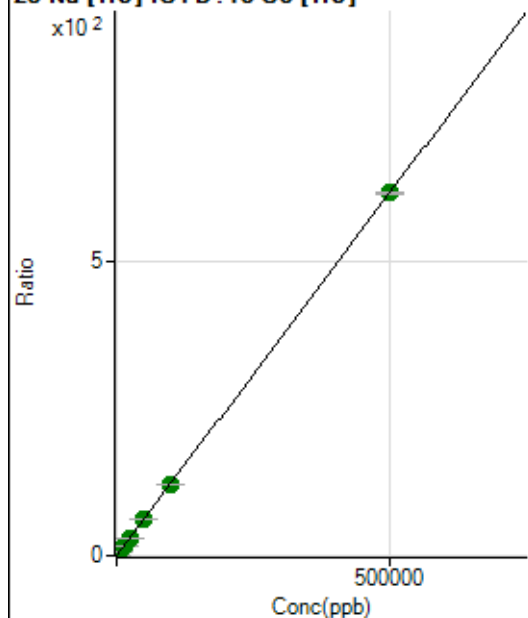
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	13787.36	0.0309	P	1.2
2	☐	500.000	520.345	298519.77	0.6719	P	0.8
3	☐	5000.000	5101.122	2623725.41	6.3150	A	7.9
4	☐	12500.000	12311.906	6358853.93	15.1979	A	0.4
5	☐	25000.000	24022.521	12350060.65	29.6242	A	5.2
6	☐	50000.000	49752.279	24085527.14	61.3206	A	1.0
7	☐	100000.00	98544.396	47519513.18	121.4275	A	0.6
8	☐	500000.00	500368.43	245581300.7	616.4333	A	0.3

$$y = 0.0012 * x + 0.0309$$

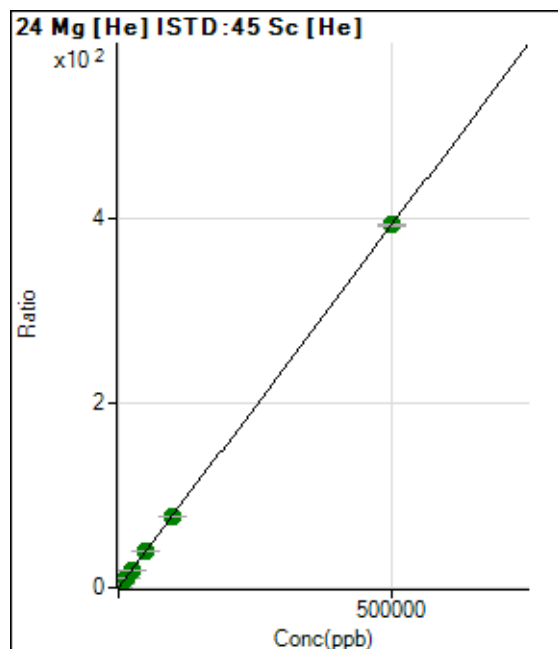
$$R = 1.0000$$

$$DL = 0.8811$$

$$BEC = 25.09$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	696.69	0.0016	P	5.9
2	☐	500.000	518.492	181329.01	0.4082	P	1.4
3	☐	5000.000	5153.346	1679679.93	4.0427	A	7.9
4	☐	12500.000	12247.398	4019077.96	9.6058	A	0.4
5	☐	25000.000	23803.792	7780407.52	18.6681	A	6.0
6	☐	50000.000	49614.156	15282904.91	38.9082	A	0.9
7	☐	100000.00	97548.839	29936506.78	76.4978	A	0.8
8	☐	500000.00	500593.39	156391155.4	392.5588	A	0.2

$$y = 7.8418E-004 * x + 0.0016$$

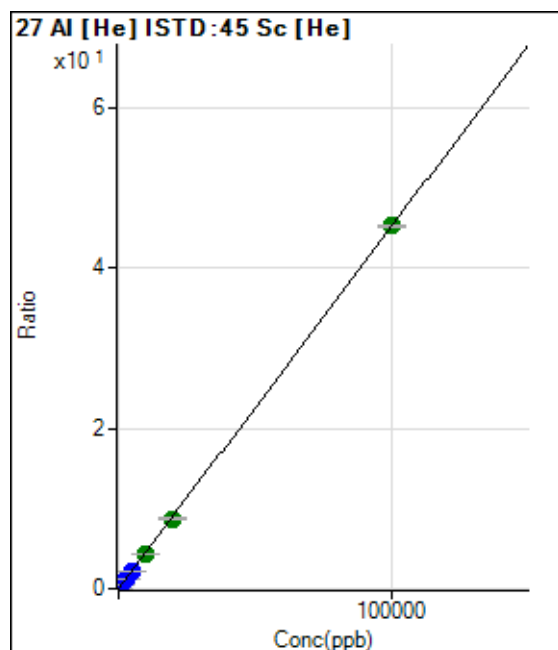
R = 1.0000

DL = 0.3553

BEC = 1.992

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	217.78	0.0005	P	5.6
2	☐	20.000	20.282	4286.19	0.0096	P	2.6
3	☐	1000.000	1013.772	190367.68	0.4583	P	8.4
4	☐	2500.000	2413.967	456326.01	1.0906	P	0.1
5	☐	5000.000	4693.717	883790.39	2.1202	P	5.5
6	☐	10000.000	9779.631	1734939.25	4.4170	A	0.5
7	☐	20000.000	19356.453	3420991.30	8.7419	A	1.4
8	☐	100000.00	100168.07	18021883.90	45.2366	A	0.4

$$y = 4.5160E-004 * x + 4.8815E-004$$

R = 1.0000

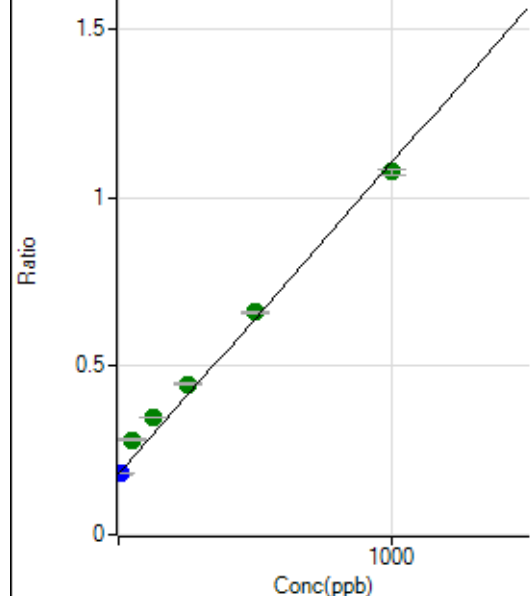
DL = 0.1819

BEC = 1.081

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	817274.45	0.1800	P	0.4
2	☐	10.000	4.366	836970.16	0.1840	P	0.7
3	☐	50.000	110.052	1261765.65	0.2816	A	2.0
4	☐	125.000	181.203	1475545.50	0.3473	A	0.8
5	☐	250.000	289.848	1821284.49	0.4476	A	0.4
6	☐	500.000	519.279	2577137.77	0.6594	A	0.9
7	☐	1000.000	970.427	4164694.52	1.0760	A	1.7
8	☐			620633.68	0.1611	P	1.5

$$y = 9.2336E-004 * x + 0.1800$$

R = 0.9966

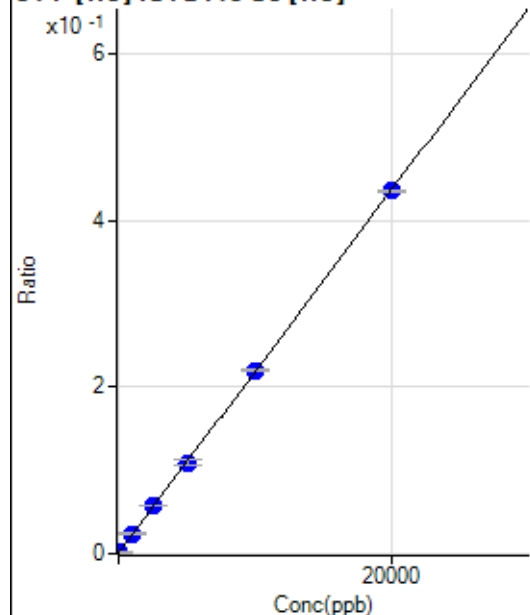
DL = 2.385

BEC = 194.9

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-17.668	200.00	0.0004	P	5.4
2	☐	0.000	17.668	541.13	0.0012	P	11.3
3	☐	1000.000	1069.070	10014.47	0.0241	P	7.9
4	☐	2500.000	2582.512	23868.68	0.0570	P	0.8
5	☐	5000.000	4987.877	45609.97	0.1094	P	5.2
6	☐	10000.000	10077.687	86490.02	0.2202	P	0.2
7	☐	20000.000	19950.420	170275.82	0.4351	P	0.3
8	☐			180.00	0.0005	P	5.0

$$y = 2.1767E-005 * x + 8.3295E-004$$

R = 1.0000

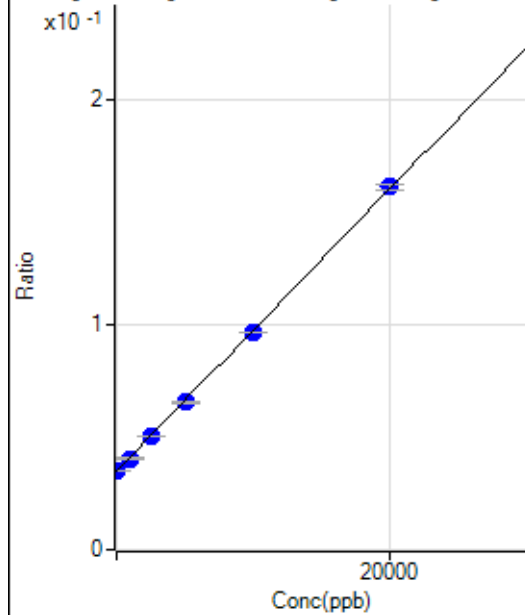
DL = 11.18

BEC = 38.27

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-33.661	158211.35	0.0348	P	0.6
2	☐	0.000	33.661	160397.15	0.0353	P	0.9
3	☐	1000.000	877.879	181779.22	0.0406	P	1.1
4	☐	2500.000	2427.677	213685.10	0.0503	P	0.4
5	☐	5000.000	4865.142	266957.16	0.0656	P	0.4
6	☐	10000.000	9813.079	377854.43	0.0967	P	0.6
7	☐	20000.000	20142.321	625291.63	0.1616	P	1.7
8	☐			122432.20	0.0318	P	0.7

$$y = 6.2812E-006 * x + 0.0350$$

R = 0.9999

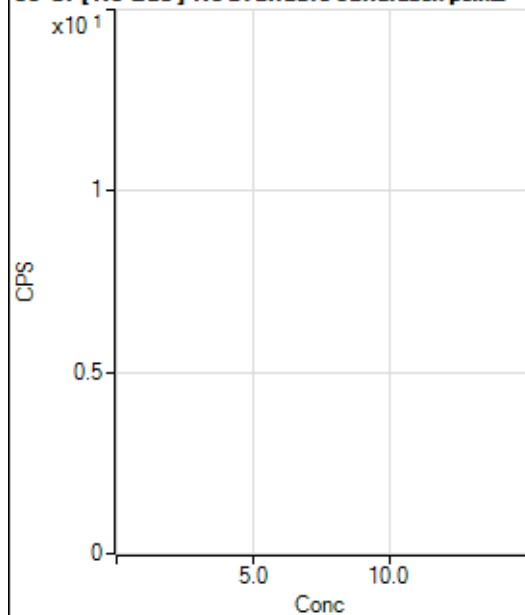
DL = 119.6

BEC = 5580

Weight: <None>

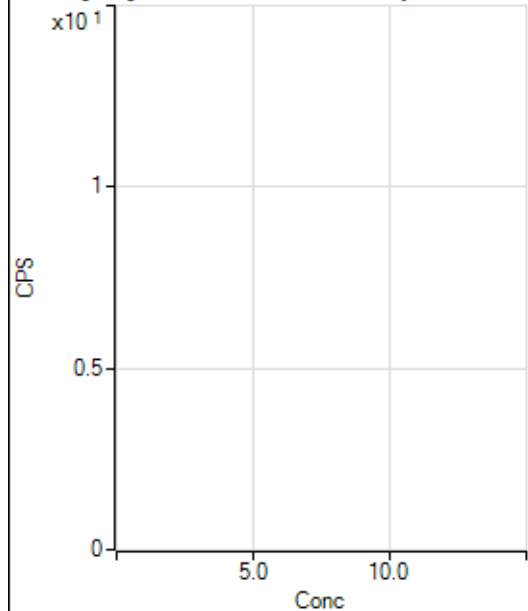
Min Conc: 0

35 Cl [No Gas] No available calibration points



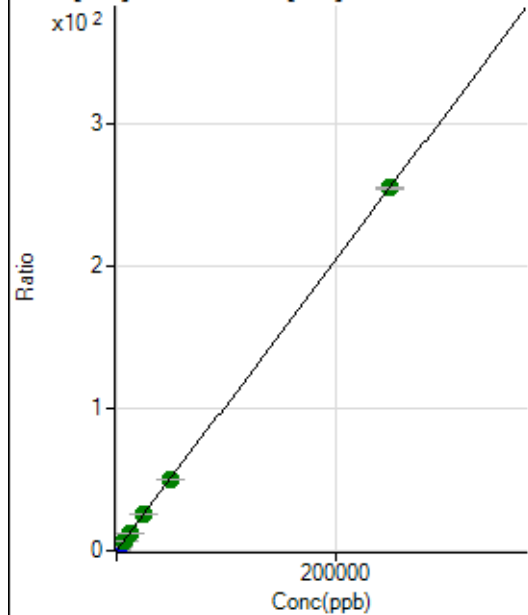
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	52871.35	0.1185	P	1.1
2	☐	500.000	548.433	300952.19	0.6774	P	0.8
3	☐	2500.000	2718.516	1200225.28	2.8887	P	7.9
4	☐	6250.000	6270.880	2723190.65	6.5086	A	1.1
5	☐	12500.000	11920.552	5112816.48	12.2657	A	5.6
6	☐	25000.000	24585.440	9887051.80	25.1713	A	0.7
7	☐	50000.000	48819.846	19514848.60	49.8664	A	0.9
8	☐	250000.00	250303.65	101661569.6	255.1803	A	0.2

$$y = 0.0010 * x + 0.1185$$

$$R = 1.0000$$

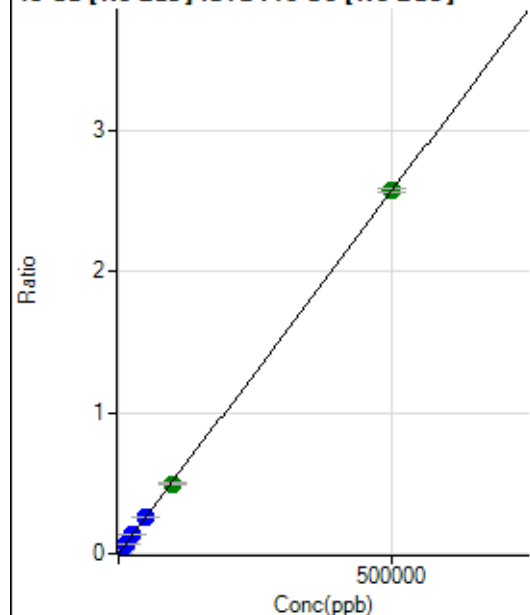
$$DL = 3.908$$

$$BEC = 116.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.56	0.0001	P	5.5
2	☐	500.000	548.100	13120.20	0.0029	P	0.4
3	☐	5000.000	5095.326	117656.86	0.0263	P	0.8
4	☐	12500.000	12808.201	279914.56	0.0659	P	1.3
5	☐	25000.000	25554.593	534640.05	0.1314	P	0.6
6	☐	50000.000	50445.326	1013402.31	0.2593	P	1.0
7	☐	100000.00	96546.262	1920468.36	0.4962	A	2.0
8	☐	500000.00	500609.77	9913660.62	2.5728	A	1.2

$$y = 5.1392E-006 * x + 6.7269E-005$$

R = 1.0000

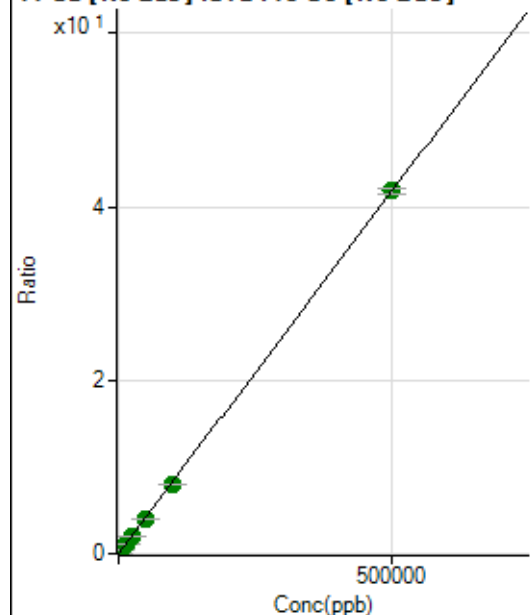
DL = 2.161

BEC = 13.09

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6542.58	0.0014	P	3.2
2	☐	500.000	547.609	214518.05	0.0472	P	0.8
3	☐	5000.000	4864.740	1826317.61	0.4076	A	2.0
4	☐	12500.000	12199.349	4332308.23	1.0199	A	1.8
5	☐	25000.000	24373.762	8285473.97	2.0362	A	0.8
6	☐	50000.000	48313.319	15768072.82	4.0348	A	0.3
7	☐	100000.00	95846.800	30972593.15	8.0030	A	2.0
8	☐	500000.00	501039.44	161177210.9	41.8298	A	1.5

$$y = 8.3483E-005 * x + 0.0014$$

R = 1.0000

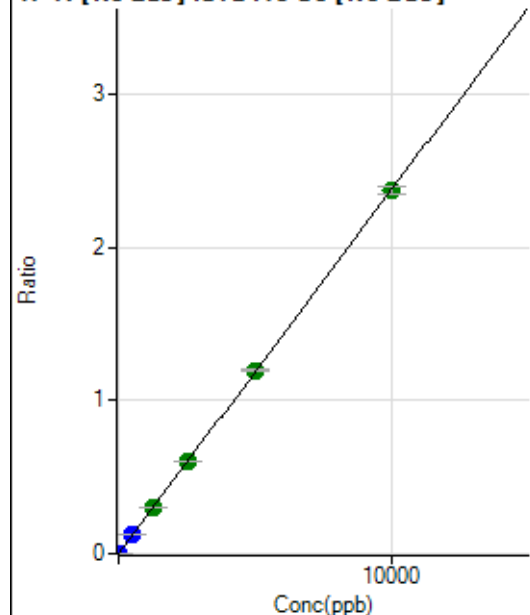
DL = 1.667

BEC = 17.26

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0000	P	16.8
2	☐	5.000	5.591	6094.61	0.0013	P	0.8
3	☐	500.000	506.923	539879.63	0.1205	P	1.4
4	☐	1250.000	1268.932	1281087.01	0.3016	A	1.3
5	☐	2500.000	2534.626	2450804.22	0.6023	A	0.6
6	☐	5000.000	5037.776	4678434.10	1.1972	A	0.9
7	☐	10000.000	9969.742	9168759.58	2.3692	A	2.1
8	☐			640.02	0.0002	P	14.9

$$y = 2.3763E-004 * x + 1.1259E-005$$

$$R = 1.0000$$

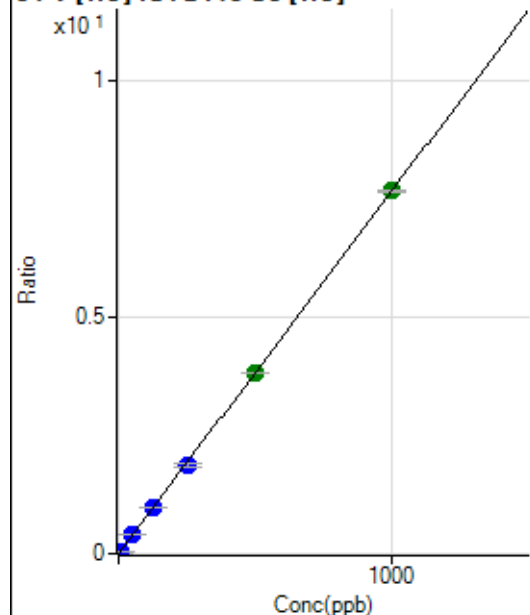
$$DL = 0.02391$$

$$BEC = 0.04738$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.55	0.0000	P	87.0
2	☐	5.000	5.534	18818.49	0.0424	P	1.0
3	☐	50.000	52.578	167066.05	0.4021	P	8.1
4	☐	125.000	125.688	402199.20	0.9613	P	0.5
5	☐	250.000	242.867	774334.61	1.8574	P	5.3
6	☐	500.000	499.873	1501625.60	3.8230	A	0.3
7	☐	1000.000	1001.629	2997926.14	7.6603	A	0.8
8	☐			838.92	0.0021	P	3.0

$$y = 0.0076 * x + 3.4880E-005$$

$$R = 1.0000$$

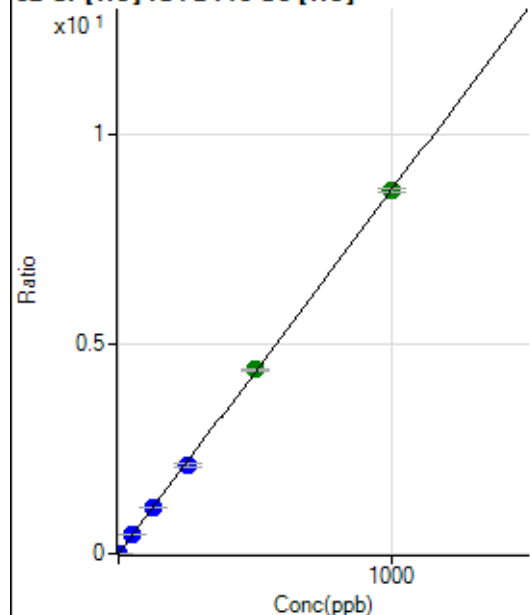
$$DL = 0.0119$$

$$BEC = 0.004561$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	786.70	0.0018	P	6.5
2	☐	2.000	2.213	9290.70	0.0209	P	1.2
3	☐	50.000	52.958	191089.67	0.4599	P	7.9
4	☐	125.000	126.326	458025.68	1.0947	P	0.4
5	☐	250.000	243.760	879866.90	2.1107	P	5.4
6	☐	500.000	506.669	1722474.63	4.3853	A	1.2
7	☐	1000.000	997.912	3379520.61	8.6354	A	0.9
8	☐			8646.19	0.0217	P	2.9

$$y = 0.0087 * x + 0.0018$$

$$R = 0.9999$$

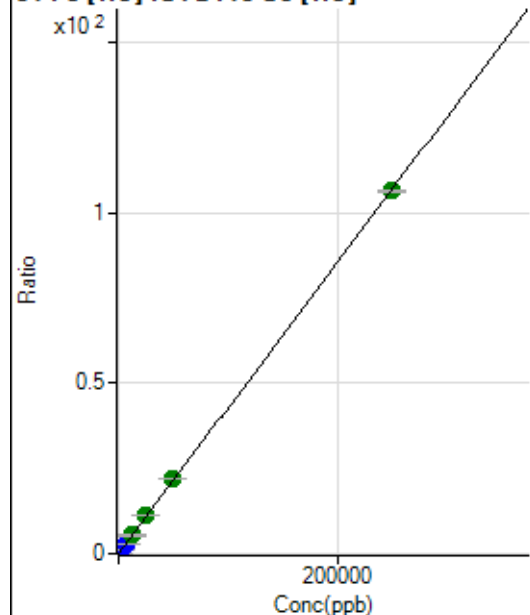
$$DL = 0.03965$$

$$BEC = 0.2039$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2233.52	0.0050	P	4.0
2	☐	50.000	59.065	13404.92	0.0302	P	2.1
3	☐	2500.000	2820.956	501394.62	1.2069	P	8.0
4	☐	6250.000	6694.698	1195489.11	2.8573	P	0.1
5	☐	12500.000	12727.218	2262198.44	5.4274	A	5.8
6	☐	25000.000	26388.967	4418118.90	11.2480	A	0.6
7	☐	50000.000	51652.084	8614092.37	22.0113	A	0.1
8	☐	250000.00	249504.99	42351493.54	106.3064	A	0.2

$$y = 4.2605E-004 * x + 0.0050$$

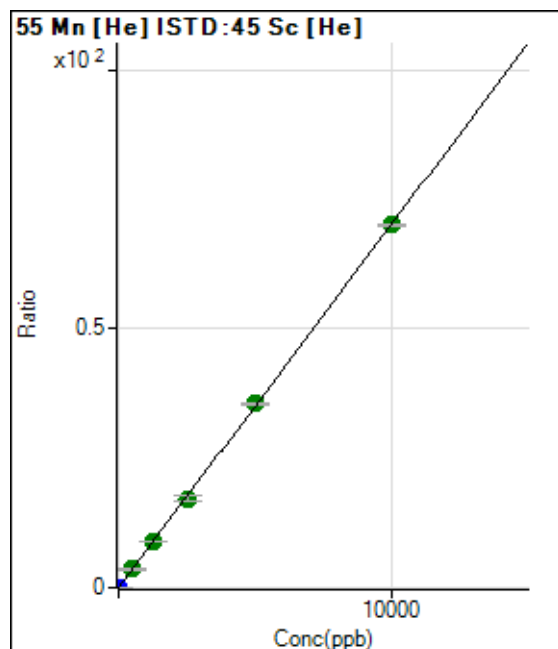
$$R = 1.0000$$

$$DL = 1.408$$

$$BEC = 11.76$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.11	0.0005	P	12.5
2	☐	1.000	1.091	3613.80	0.0081	P	2.6
3	☐	500.000	523.380	1527150.29	3.6765	A	8.4
4	☐	1250.000	1246.171	3662348.21	8.7532	A	0.4
5	☐	2500.000	2444.891	7156771.08	17.1726	A	6.3
6	☐	5000.000	5057.273	13952143.96	35.5211	A	0.6
7	☐	10000.000	9984.451	27443749.87	70.1279	A	0.8
8	☐			14158.97	0.0355	P	2.6

$$y = 0.0070 * x + 4.7354E-004$$

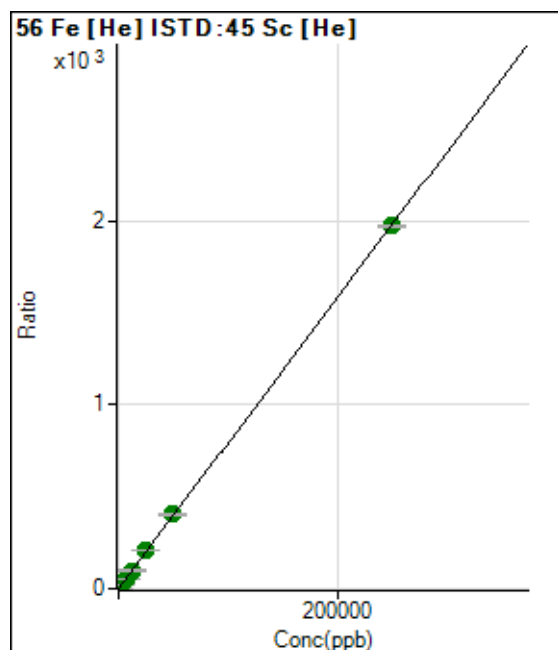
$$R = 1.0000$$

$$DL = 0.02526$$

$$BEC = 0.06742$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15598.16	0.0350	P	2.1
2	☐	50.000	57.183	216409.43	0.4871	P	0.6
3	☐	2500.000	2704.641	8899807.44	21.4197	A	7.8
4	☐	6250.000	6427.357	21277534.40	50.8540	A	0.7
5	☐	12500.000	12565.454	41423647.44	99.3859	A	5.9
6	☐	25000.000	25898.635	80445972.69	204.8070	A	0.3
7	☐	50000.000	51208.948	158460587.6	404.9273	A	1.2
8	☐	250000.00	249658.59	786424850.5	1,974.003	A	0.4

$$y = 0.0079 * x + 0.0350$$

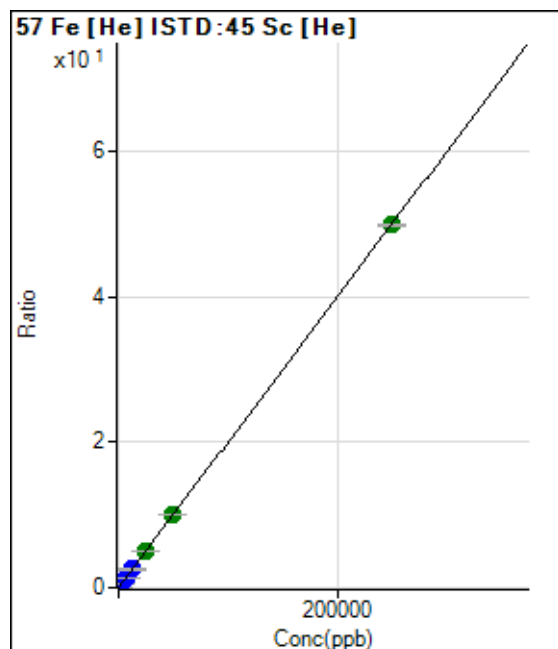
$$R = 1.0000$$

$$DL = 0.2851$$

$$BEC = 4.423$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1300.07	0.0029	P	4.5
2	☐	50.000	58.596	6498.13	0.0146	P	1.5
3	☐	2500.000	2734.066	228215.41	0.5493	P	8.0
4	☐	6250.000	6520.716	546470.83	1.3061	P	0.4
5	☐	12500.000	12654.320	1055512.60	2.5319	P	5.2
6	☐	25000.000	25619.181	2012275.70	5.1229	A	1.1
7	☐	50000.000	50634.659	3961308.80	10.1223	A	1.0
8	☐	250000.00	249794.32	19889357.90	49.9247	A	0.7

$$y = 1.9985E-004 * x + 0.0029$$

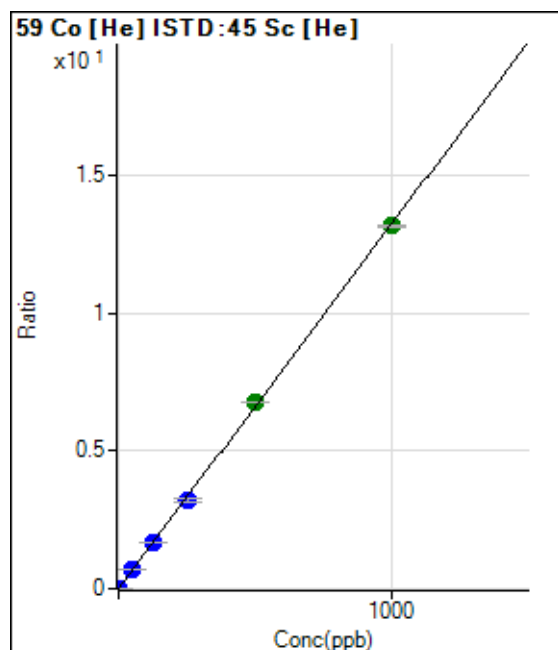
R = 1.0000

DL = 1.967

BEC = 14.58

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.22	0.0003	P	8.9
2	☐	1.000	1.164	6962.79	0.0157	P	3.7
3	☐	50.000	53.112	291973.84	0.7027	P	7.9
4	☐	125.000	126.512	700214.47	1.6735	P	0.6
5	☐	250.000	243.385	1341830.80	3.2193	P	5.8
6	☐	500.000	512.006	2660030.08	6.7722	A	0.4
7	☐	1000.000	995.306	5151814.02	13.1644	A	0.5
8	☐			14007.71	0.0352	P	1.6

$$y = 0.0132 * x + 2.7393E-004$$

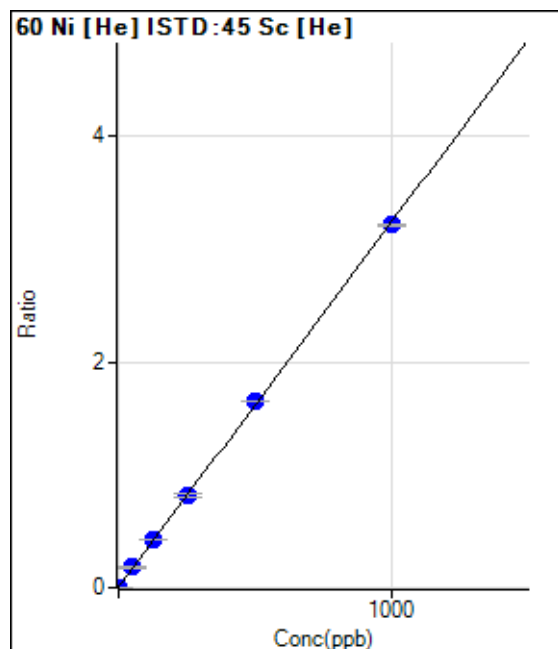
R = 0.9999

DL = 0.005546

BEC = 0.02071

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1595.66	0.0036	P	4.4
2	☐	1.000	1.173	3275.95	0.0074	P	3.1
3	☐	50.000	55.460	76071.55	0.1830	P	7.4
4	☐	125.000	131.162	179086.16	0.4280	P	0.3
5	☐	250.000	252.407	341974.45	0.8204	P	5.5
6	☐	500.000	511.540	651608.86	1.6589	P	0.2
7	☐	1000.000	992.585	1258416.74	3.2156	P	0.3
8	☐			6508.13	0.0163	P	1.2

$$y = 0.0032 * x + 0.0036$$

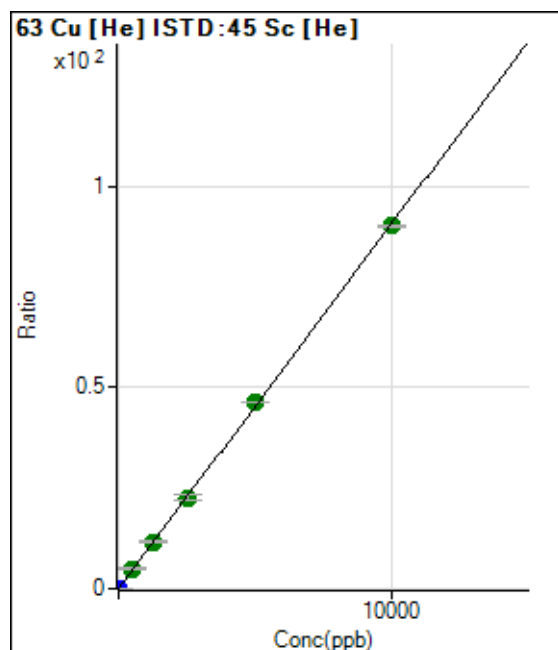
R = 0.9999

DL = 0.145

BEC = 1.106

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1456.75	0.0033	P	5.1
2	☐	2.000	2.189	10273.59	0.0231	P	1.7
3	☐	500.000	546.147	2060674.33	4.9573	A	6.9
4	☐	1250.000	1287.912	4889336.94	11.6857	A	1.0
5	☐	2500.000	2491.729	9423572.71	22.6053	A	5.3
6	☐	5000.000	5100.105	18172563.76	46.2654	A	0.3
7	☐	10000.000	9944.969	35304315.58	90.2123	A	0.2
8	☐			5461.04	0.0137	P	3.4

$$y = 0.0091 * x + 0.0033$$

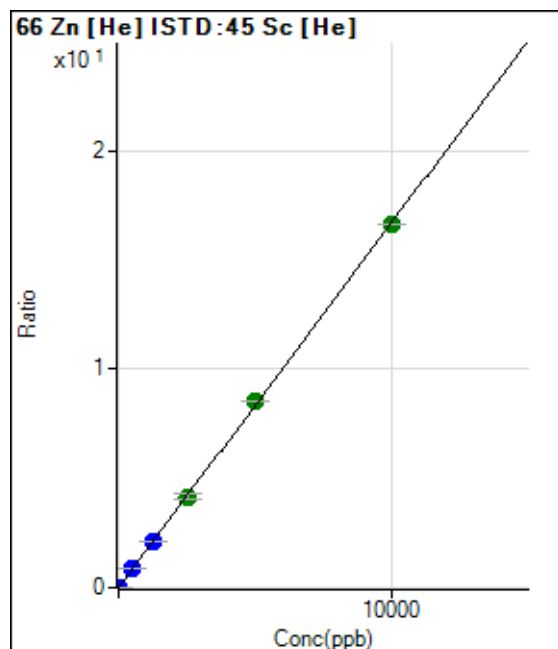
R = 0.9999

DL = 0.05557

BEC = 0.36

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	453.34	0.0010	P	7.5
2	☐	2.000	5.431	4480.71	0.0101	P	2.1
3	☐	500.000	521.428	362200.99	0.8718	P	7.9
4	☐	1250.000	1253.732	876407.46	2.0947	P	0.4
5	☐	2500.000	2496.501	1738658.64	4.1700	A	4.8
6	☐	5000.000	5108.720	3351385.02	8.5322	A	0.7
7	☐	10000.000	9944.976	6499722.75	16.6084	A	0.2
8	☐			3115.91	0.0078	P	6.6

$$y = 0.0017 * x + 0.0010$$

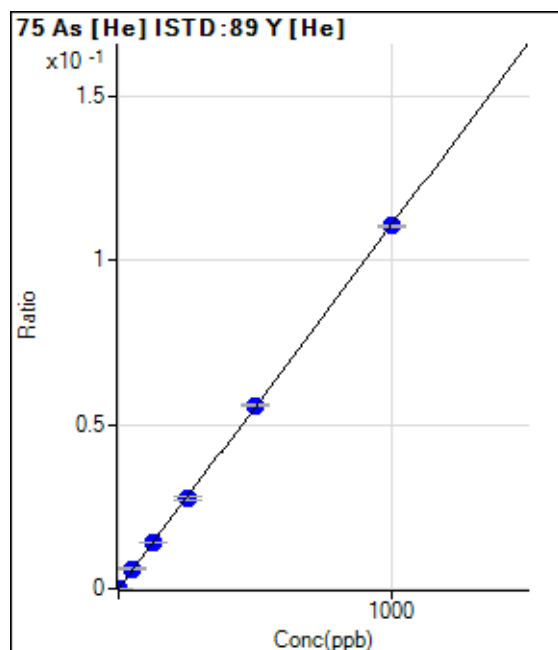
$$R = 0.9999$$

$$DL = 0.1371$$

$$BEC = 0.6084$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	100.
2	☐	1.000	1.162	586.68	0.0001	P	5.3
3	☐	50.000	55.142	25793.56	0.0061	P	6.1
4	☐	125.000	128.248	61212.20	0.0142	P	1.1
5	☐	250.000	248.157	118060.44	0.0275	P	3.5
6	☐	500.000	504.081	229878.17	0.0559	P	0.7
7	☐	1000.000	997.757	452411.06	0.1106	P	0.8
8	☐			260.00	0.0001	P	4.3

$$y = 1.1084E-004 * x + 2.2207E-006$$

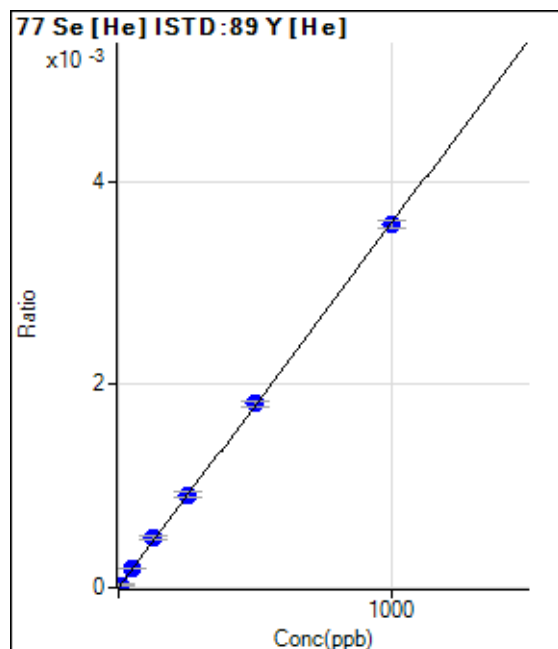
$$R = 1.0000$$

$$DL = 0.06037$$

$$BEC = 0.02003$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	7.532	121.12	0.0000	P	18.1
3	☐	50.000	52.301	792.25	0.0002	P	7.6
4	☐	125.000	136.108	2104.62	0.0005	P	7.7
5	☐	250.000	255.133	3931.68	0.0009	P	5.8
6	☐	500.000	504.656	7458.61	0.0018	P	3.2
7	☐	1000.000	994.873	14622.86	0.0036	P	2.1
8	☐			4.44	0.0000	P	115.

$$y = 3.5926\text{E-}006 * x + 0.0000\text{E+}000$$

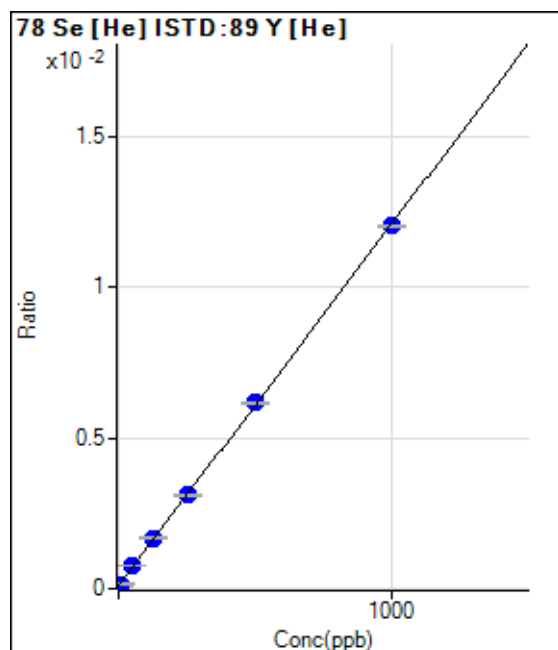
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	443.34	0.0001	P	7.3
2	☐	5.000	4.932	705.58	0.0002	P	6.2
3	☐	50.000	55.635	3234.83	0.0008	P	4.9
4	☐	125.000	132.489	7274.07	0.0017	P	1.4
5	☐	250.000	250.097	13314.95	0.0031	P	2.8
6	☐	500.000	506.702	25439.72	0.0062	P	1.0
7	☐	1000.000	995.408	49305.09	0.0121	P	0.3
8	☐			346.67	0.0001	P	8.4

$$y = 1.2009\text{E-}005 * x + 9.8306\text{E-}005$$

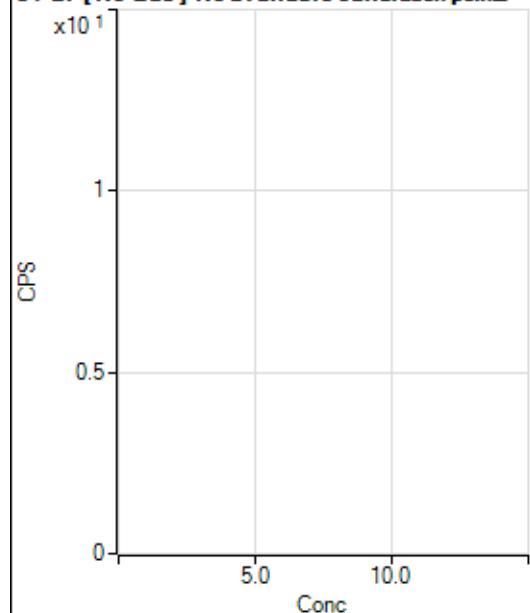
$$R = 0.9999$$

$$DL = 1.796$$

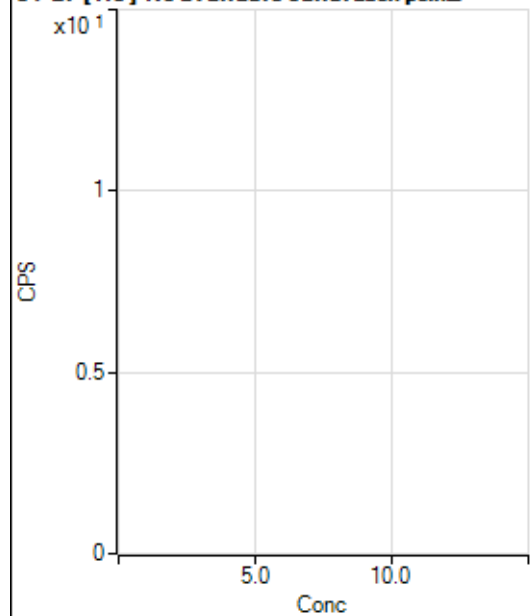
$$BEC = 8.186$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

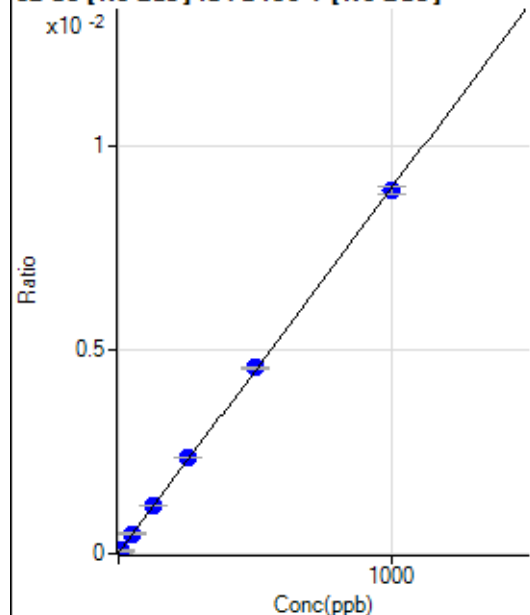
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15847.46		P	2.3
2	☐			16190.13		P	0.6
3	☐			14820.87		P	3.6
4	☐			13992.28		P	3.7
5	☐			13167.07		P	2.6
6	☐			12586.55		P	1.5
7	☐			13062.56		P	1.4
8	☐			13618.59		P	2.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			127.78		P	10.5
2	☐			112.22		P	17.4
3	☐			105.56		P	15.6
4	☐			103.33		P	28.7
5	☐			98.89		P	7.0
6	☐			101.11		P	31.2
7	☐			83.33		P	14.4
8	☐			107.78		P	4.7

Calibration for 006CAL.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	297.05	0.0000	P	17.6
2	☐	5.000	5.768	1093.43	0.0001	P	4.8
3	☐	50.000	53.089	7557.97	0.0005	P	1.4
4	☐	125.000	128.615	17439.95	0.0012	P	0.2
5	☐	250.000	260.307	34027.71	0.0023	P	0.5
6	☐	500.000	508.073	64224.62	0.0046	P	0.7
7	☐	1000.000	992.777	124528.72	0.0089	P	2.0
8	☐			391.57	0.0000	P	9.1

$y = 8.9390E-006 * x + 1.9303E-005$

R = 0.9999

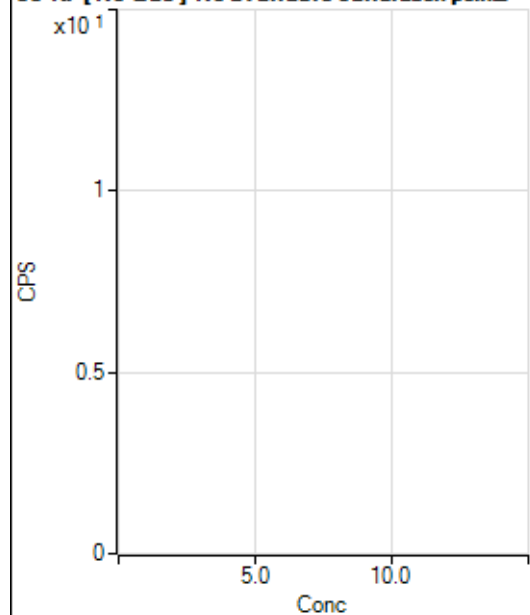
DL = 1.138

BEC = 2.159

Weight: <None>

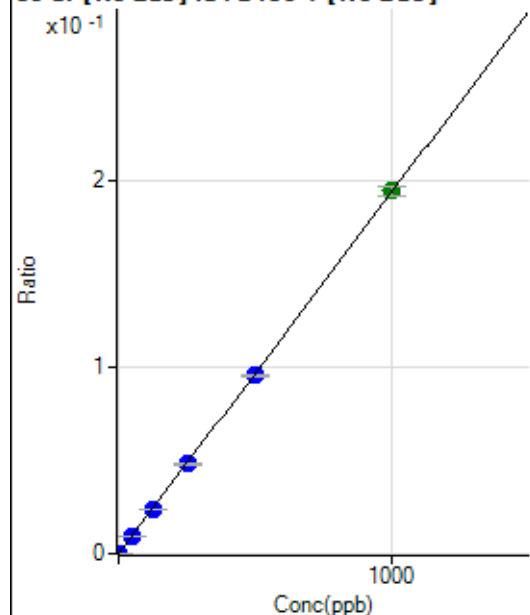
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			195.56		P	9.7
2	☐			192.23		P	18.0
3	☐			122.23		P	15.5
4	☐			176.67		P	1.9
5	☐			141.12		P	16.1
6	☐			164.45		P	10.0
7	☐			148.89		P	13.7
8	☐			194.45		P	14.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.12	0.0000	P	5.6
2	☐	1.000	1.053	3439.32	0.0002	P	2.4
3	☐	50.000	49.904	148180.73	0.0097	P	0.7
4	☐	125.000	123.288	356455.64	0.0239	P	0.8
5	☐	250.000	247.781	696190.33	0.0480	P	0.7
6	☐	500.000	492.521	1343324.83	0.0954	P	0.9
7	☐	1000.000	1004.513	2723941.28	0.1945	A	2.5
8	☐			9119.55	0.0007	P	3.2

$$y = 1.9365E-004 * x + 1.8921E-005$$

$$R = 1.0000$$

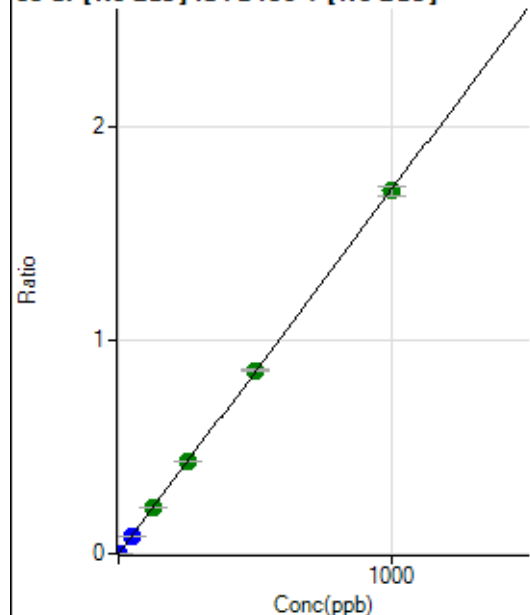
$$DL = 0.01653$$

$$BEC = 0.0977$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	176.67	0.0000	P	3.7
2	☐	1.000	1.057	27959.99	0.0018	P	0.8
3	☐	50.000	49.064	1279765.81	0.0836	P	1.2
4	☐	125.000	125.722	3196845.23	0.2143	A	0.5
5	☐	250.000	253.501	6266407.34	0.4321	A	0.6
6	☐	500.000	504.375	12104962.87	0.8596	A	0.3
7	☐	1000.000	996.894	23788140.48	1.6991	A	2.6
8	☐			77560.65	0.0057	P	0.9

$$y = 0.0017 * x + 1.1481E-005$$

$$R = 1.0000$$

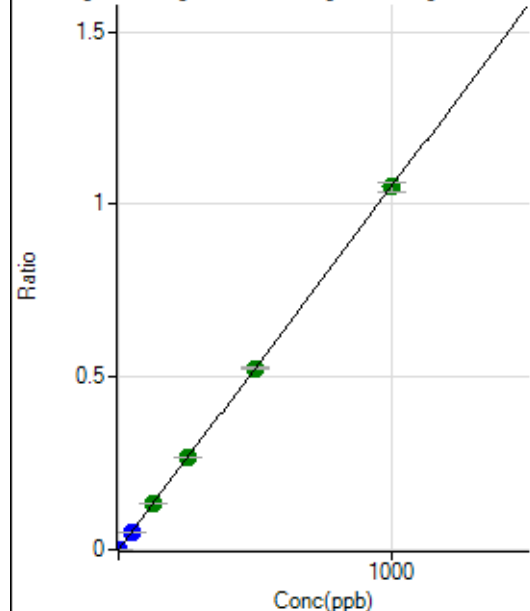
$$DL = 0.0007571$$

$$BEC = 0.006736$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	485.57	0.0000	P	12.9
2	☐	1.000	1.036	17294.75	0.0011	P	1.1
3	☐	50.000	49.096	790520.56	0.0517	P	0.9
4	☐	125.000	124.924	1960274.64	0.1314	A	0.3
5	☐	250.000	253.198	3862054.11	0.2663	A	0.7
6	☐	500.000	500.039	7404847.11	0.5259	A	0.4
7	☐	1000.000	999.236	14711494.92	1.0508	A	2.8
8	☐			25694.77	0.0019	P	0.4

$$y = 0.0011 * x + 3.1560E-005$$

$$R = 1.0000$$

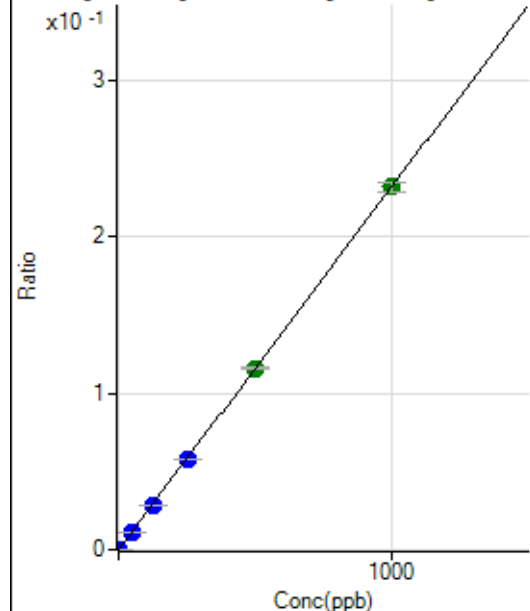
$$DL = 0.01163$$

$$BEC = 0.03001$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	84.44	0.0000	P	6.0
2	☐	1.000	1.024	3749.41	0.0002	P	1.3
3	☐	50.000	49.323	175148.32	0.0114	P	1.2
4	☐	125.000	123.396	427071.88	0.0286	P	0.4
5	☐	250.000	249.695	840070.14	0.0579	P	0.6
6	☐	500.000	500.107	1633509.66	0.1160	A	1.4
7	☐	1000.000	1000.257	3248307.97	0.2320	A	2.8
8	☐			5642.24	0.0004	P	2.0

$$y = 2.3195E-004 * x + 5.4878E-006$$

$$R = 1.0000$$

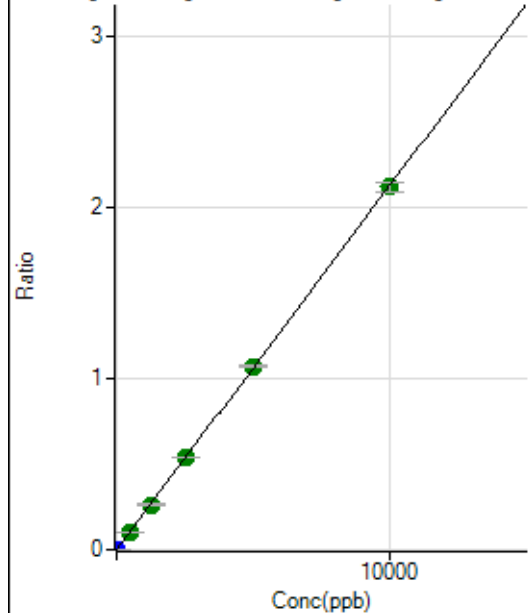
$$DL = 0.004293$$

$$BEC = 0.02366$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	218.90	0.0000	P	17.9
2	☐	5.000	6.237	20689.15	0.0013	P	0.8
3	☐	500.000	496.599	1616581.19	0.1056	A	1.2
4	☐	1250.000	1241.209	3938676.36	0.2640	A	0.3
5	☐	2500.000	2529.852	7804286.69	0.5381	A	0.4
6	☐	5000.000	5039.799	15094715.61	1.0720	A	0.6
7	☐	10000.000	9973.906	29699809.56	2.1214	A	3.0
8	☐			12641.08	0.0009	P	0.5

$$y = 2.1270E-004 * x + 1.4229E-005$$

R = 1.0000

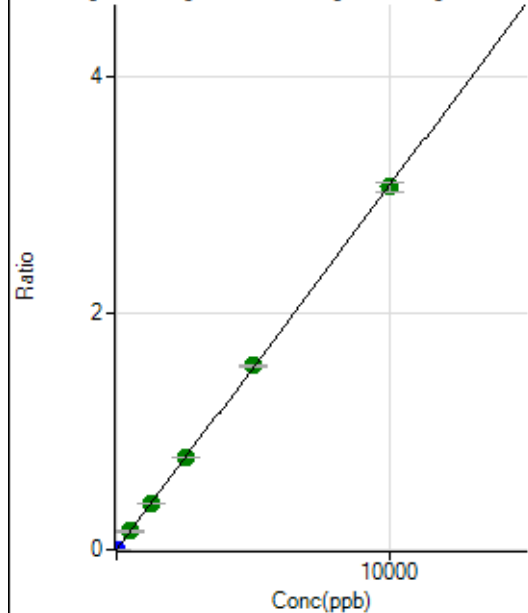
DL = 0.03586

BEC = 0.0669

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	8.7
2	☐	5.000	5.258	25060.37	0.0016	P	0.9
3	☐	500.000	504.399	2374774.37	0.1552	A	1.7
4	☐	1250.000	1254.240	5756790.75	0.3859	A	0.4
5	☐	2500.000	2544.961	11355887.75	0.7830	A	0.3
6	☐	5000.000	5051.282	21883479.67	1.5541	A	0.3
7	☐	10000.000	9962.369	42911925.19	3.0650	A	2.6
8	☐			4944.21	0.0004	P	2.6

$$y = 3.0766E-004 * x + 6.4983E-006$$

R = 1.0000

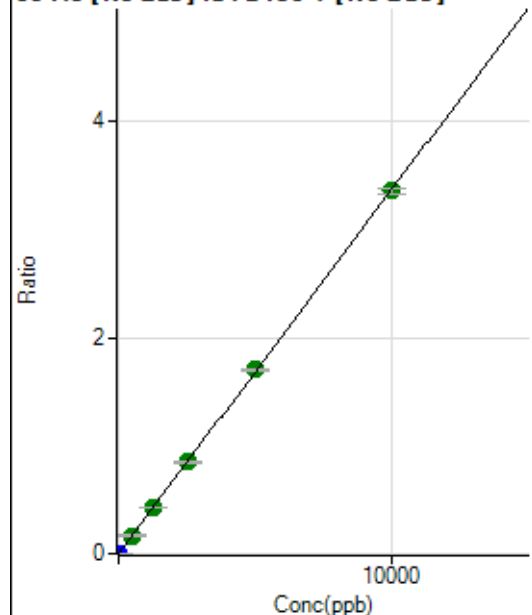
DL = 0.005521

BEC = 0.02112

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.56	0.0000	P	10.9
2	☐	5.000	5.309	27785.26	0.0018	P	1.3
3	☐	500.000	501.289	2585956.70	0.1690	A	1.5
4	☐	1250.000	1251.534	6293777.68	0.4219	A	0.9
5	☐	2500.000	2511.311	12277822.46	0.8465	A	0.3
6	☐	5000.000	5050.602	23973713.81	1.7025	A	0.7
7	☐	10000.000	9971.615	47066828.74	3.3613	A	1.8
8	☐			16517.19	0.0012	P	2.3

$$y = 3.3709E-004 * x + 1.1410E-005$$

R = 1.0000

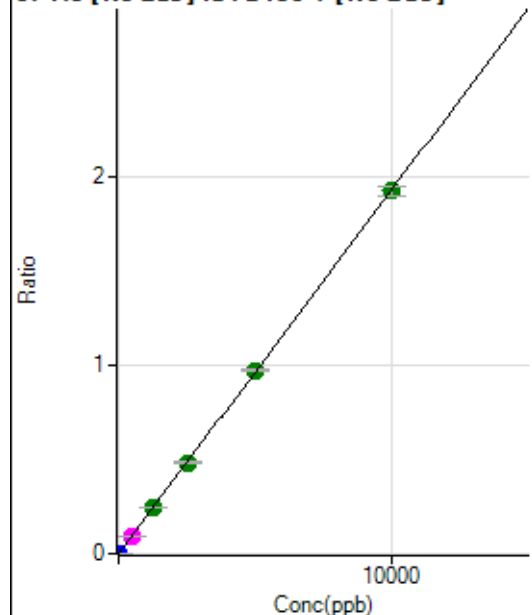
DL = 0.01109

BEC = 0.03385

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.45	0.0000	P	17.9
2	☐	5.000	5.254	15706.31	0.0010	P	0.3
3	☐	500.000	493.158	1455211.59	0.0951	M	1.0
4	☐	1250.000	1249.267	3593724.67	0.2409	A	0.7
5	☐	2500.000	2511.187	7022842.39	0.4842	A	0.5
6	☐	5000.000	5035.964	13673077.71	0.9710	A	1.0
7	☐	10000.000	9979.655	26940543.77	1.9242	A	2.6
8	☐			3183.71	0.0002	P	2.1

$$y = 1.9281E-004 * x + 4.8371E-006$$

R = 1.0000

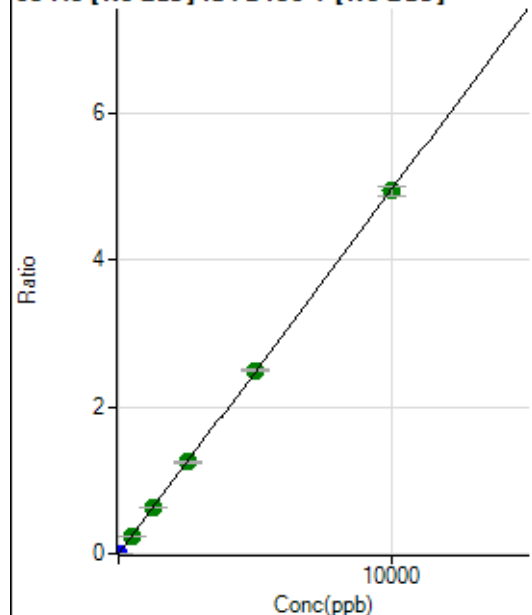
DL = 0.01349

BEC = 0.02509

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	164.45	0.0000	P	16.4
2	☐	5.000	5.272	40449.21	0.0026	P	1.2
3	☐	500.000	498.112	3775015.74	0.2467	A	0.5
4	☐	1250.000	1252.645	9254587.92	0.6203	A	0.5
5	☐	2500.000	2515.622	18068399.31	1.2458	A	0.4
6	☐	5000.000	5043.463	35169657.53	2.4976	A	1.1
7	☐	10000.000	9974.127	69155542.86	4.9394	A	2.5
8	☐			7435.28	0.0005	P	4.0

$$y = 4.9522\text{E-}004 * x + 1.0687\text{E-}005$$

$$R = 1.0000$$

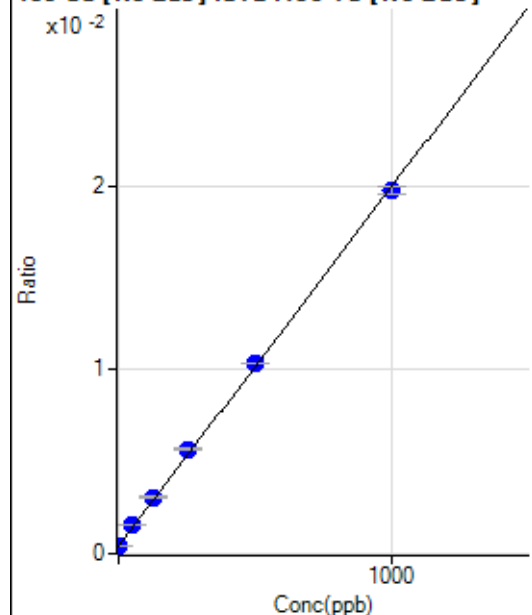
$$DL = 0.01062$$

$$BEC = 0.02158$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4664.13	0.0004	P	3.3
2	☐	1.000	1.210	4972.01	0.0004	P	3.2
3	☐	50.000	57.764	17675.28	0.0015	P	1.3
4	☐	125.000	136.348	35309.51	0.0031	P	1.7
5	☐	250.000	269.621	64903.97	0.0057	P	2.8
6	☐	500.000	509.084	120796.52	0.0103	P	0.7
7	☐	1000.000	988.746	230895.96	0.0197	P	2.1
8	☐			4219.54	0.0004	P	1.9

$$y = 1.9515\text{E-}005 * x + 4.0973\text{E-}004$$

$$R = 0.9997$$

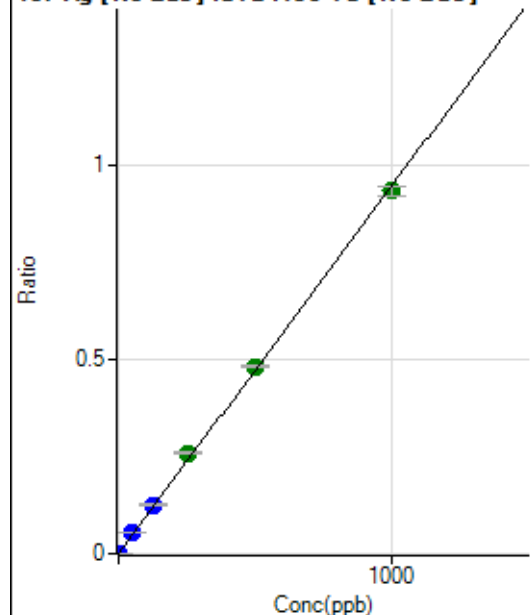
$$DL = 2.088$$

$$BEC = 21$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	83.34	0.0000	P	22.8
2	☐	1.000	1.190	12987.02	0.0011	P	1.2
3	☐	50.000	55.388	602059.12	0.0524	P	0.9
4	☐	125.000	133.000	1445843.71	0.1257	P	1.3
5	☐	250.000	273.918	2963790.20	0.2589	A	0.7
6	☐	500.000	510.294	5632884.78	0.4824	A	1.3
7	☐	1000.000	987.604	10938682.89	0.9336	A	2.3
8	☐			1018.94	0.0001	P	6.5

$$y = 9.4529E-004 * x + 7.3275E-006$$

$$R = 0.9996$$

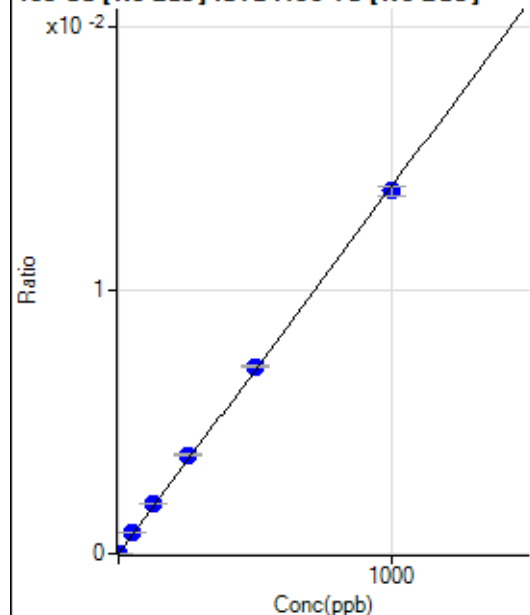
$$DL = 0.005313$$

$$BEC = 0.007752$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	95.8
2	☐	1.000	1.105	187.78	0.0000	P	13.8
3	☐	50.000	57.204	9177.42	0.0008	P	0.9
4	☐	125.000	136.818	21935.53	0.0019	P	1.3
5	☐	250.000	269.313	42961.15	0.0038	P	1.8
6	☐	500.000	510.396	83062.36	0.0071	P	1.1
7	☐	1000.000	988.136	161337.62	0.0138	P	2.9
8	☐			94.45	0.0000	P	26.0

$$y = 1.3935E-005 * x + 9.7161E-007$$

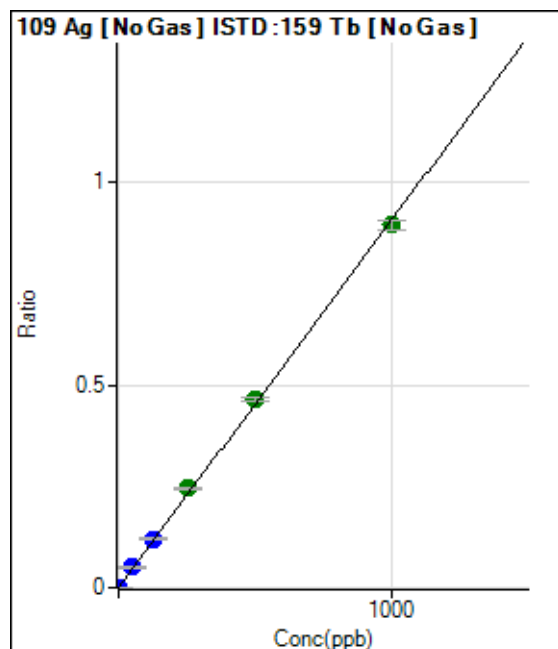
$$R = 0.9997$$

$$DL = 0.2004$$

$$BEC = 0.06973$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.44	0.0000	P	58.6
2	☐	1.000	1.137	11858.26	0.0010	P	1.2
3	☐	50.000	55.047	573718.22	0.0499	P	1.3
4	☐	125.000	133.321	1389765.71	0.1209	P	1.3
5	☐	250.000	271.013	2811830.51	0.2457	A	1.9
6	☐	500.000	512.160	5421034.02	0.4643	A	1.5
7	☐	1000.000	987.374	10486562.07	0.8950	A	2.6
8	☐			866.70	0.0001	P	16.6

$$y = 9.0647E-004 * x + 3.0262E-006$$

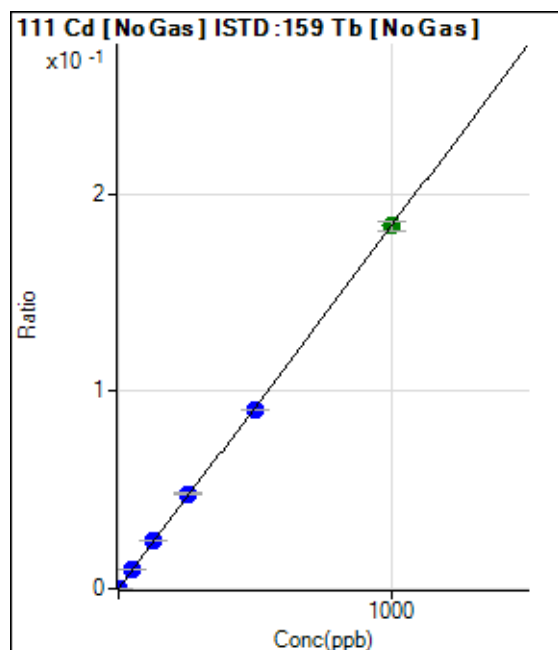
$$R = 0.9996$$

$$DL = 0.005868$$

$$BEC = 0.003338$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	939.50	0.0001	P	3.1
2	☐	1.000	1.181	3436.55	0.0003	P	4.7
3	☐	50.000	54.539	116121.64	0.0101	P	1.2
4	☐	125.000	132.157	280077.19	0.0244	P	1.8
5	☐	250.000	260.867	549333.54	0.0480	P	2.0
6	☐	500.000	492.802	1057933.37	0.0906	P	0.7
7	☐	1000.000	999.760	2152526.11	0.1837	A	2.6
8	☐			1058.91	0.0001	P	5.5

$$y = 1.8368E-004 * x + 8.2534E-005$$

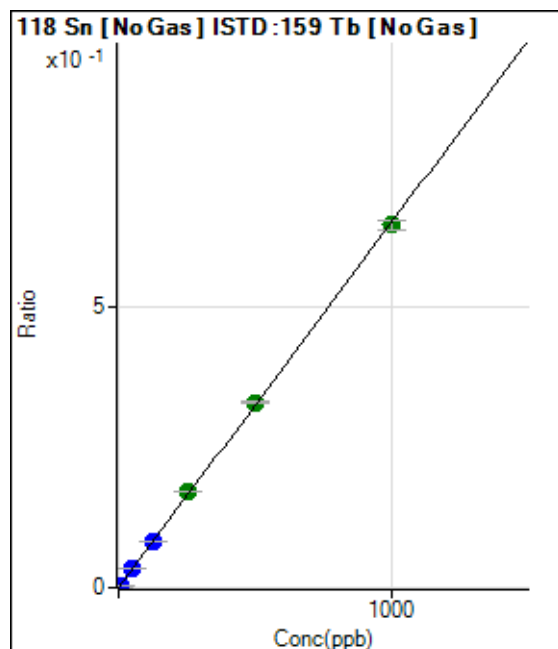
$$R = 0.9999$$

$$DL = 0.04164$$

$$BEC = 0.4493$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1092.27	0.0001	P	2.1
2	☐	5.000	5.590	42841.13	0.0037	P	1.1
3	☐	50.000	51.660	387594.18	0.0337	P	1.4
4	☐	125.000	126.911	950781.51	0.0827	P	1.4
5	☐	250.000	262.883	1959115.18	0.1712	A	0.6
6	☐	500.000	505.954	3845689.77	0.3293	A	1.0
7	☐	1000.000	993.477	7575331.42	0.6466	A	2.9
8	☐			2195.74	0.0002	P	3.4

$$y = 6.5073E-004 * x + 9.5942E-005$$

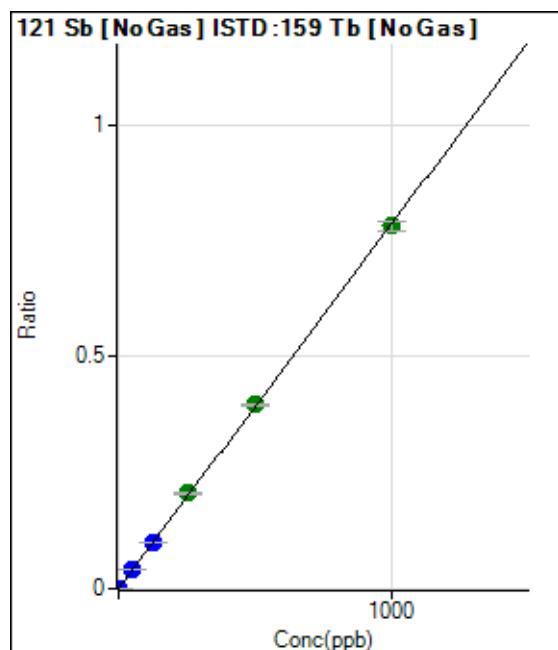
R = 0.9999

DL = 0.00932

BEC = 0.1474

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	40.3
2	☐	2.000	2.200	19849.34	0.0017	P	2.3
3	☐	50.000	50.953	459946.25	0.0400	P	2.1
4	☐	125.000	125.339	1131651.31	0.0984	P	1.7
5	☐	250.000	261.113	2346555.83	0.2050	A	0.7
6	☐	500.000	504.203	4622662.08	0.3959	A	0.8
7	☐	1000.000	995.030	9153260.63	0.7812	A	2.7
8	☐			2642.49	0.0002	P	3.6

$$y = 7.8514E-004 * x + 2.9291E-006$$

R = 0.9999

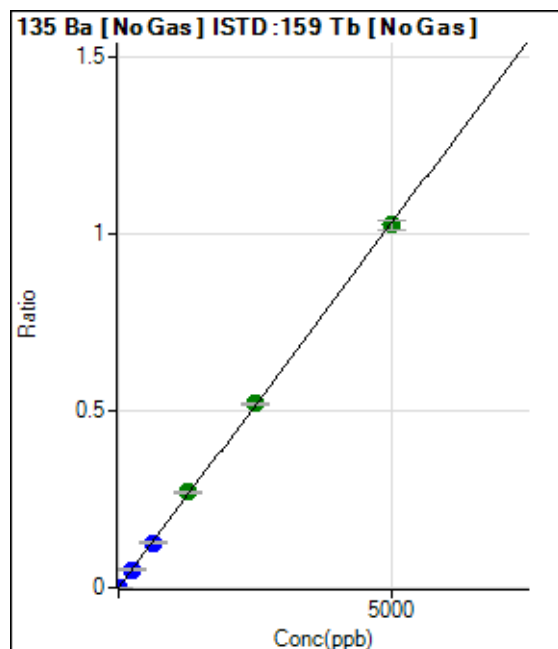
DL = 0.004506

BEC = 0.003731

Weight: <None>

Min Conc: 0

Calibration for 006CALS.d



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0000	P	19.6
2	☐	10.000	10.787	25502.88	0.0022	P	1.7
3	☐	250.000	250.245	591945.78	0.0515	P	1.4
4	☐	625.000	618.700	1463755.83	0.1273	P	1.6
5	☐	1250.000	1307.649	3079382.49	0.2690	A	0.6
6	☐	2500.000	2522.566	6060117.55	0.5190	A	1.1
7	☐	5000.000	4975.079	11992875.38	1.0236	A	2.4
8	☐			4117.30	0.0004	P	0.3

$$y = 2.0574\text{E-}004 * x + 3.3155\text{E-}006$$

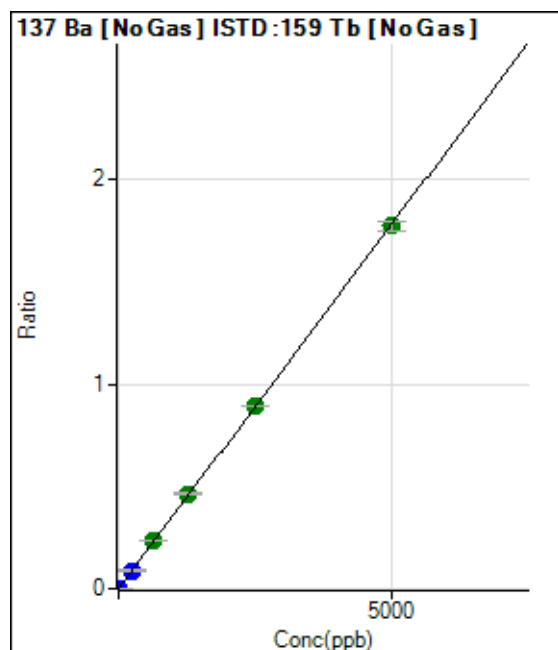
R = 0.9999

DL = 0.009493

BEC = 0.01612

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0000	P	21.2
2	☐	10.000	10.837	44363.37	0.0039	P	0.6
3	☐	250.000	250.152	1024788.90	0.0891	P	1.6
4	☐	625.000	654.558	2682225.45	0.2332	A	0.7
5	☐	1250.000	1299.478	5299294.09	0.4630	A	1.7
6	☐	2500.000	2505.507	10424797.28	0.8928	A	0.6
7	☐	5000.000	4981.173	20794614.42	1.7749	A	2.8
8	☐			7230.79	0.0007	P	2.6

$$y = 3.5631\text{E-}004 * x + 4.9776\text{E-}006$$

R = 0.9999

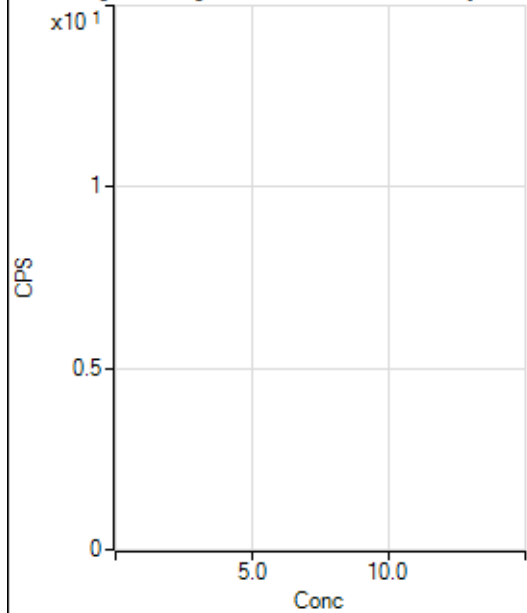
DL = 0.008899

BEC = 0.01397

Weight: <None>

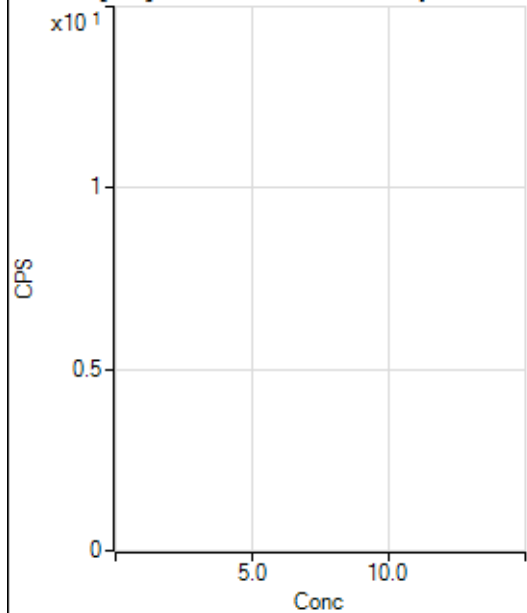
Min Conc: 0

150 Nd [No Gas] No available calibration points

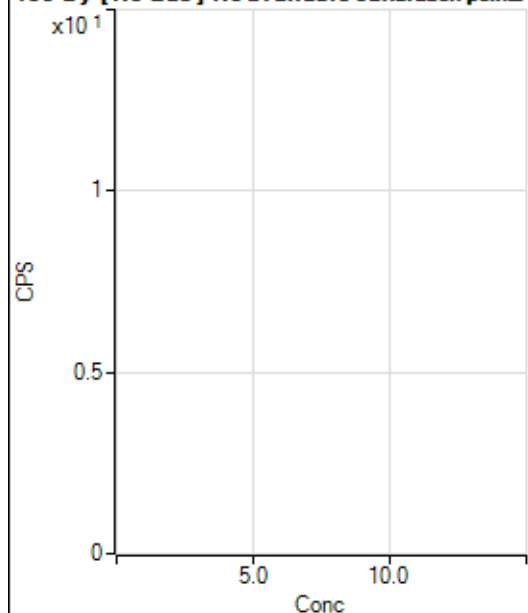


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			12.22		P	78.7
3	☐			38.89		P	19.8
4	☐			100.00		P	18.6
5	☐			170.00		P	23.8
6	☐			324.45		P	19.1
7	☐			716.69		P	2.6
8	☐			211.11		P	12.9

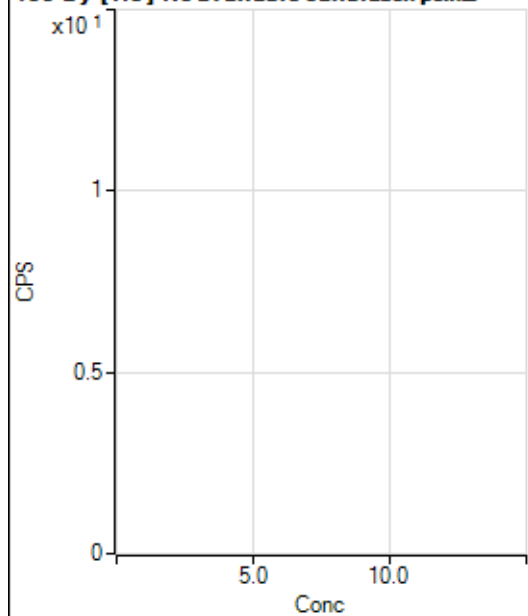
150 Nd [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			20.00		P	44.1
4	☐			27.78		P	27.7
5	☐			45.56		P	18.4
6	☐			80.00		P	12.5
7	☐			197.78		P	18.6
8	☐			130.00		P	11.2

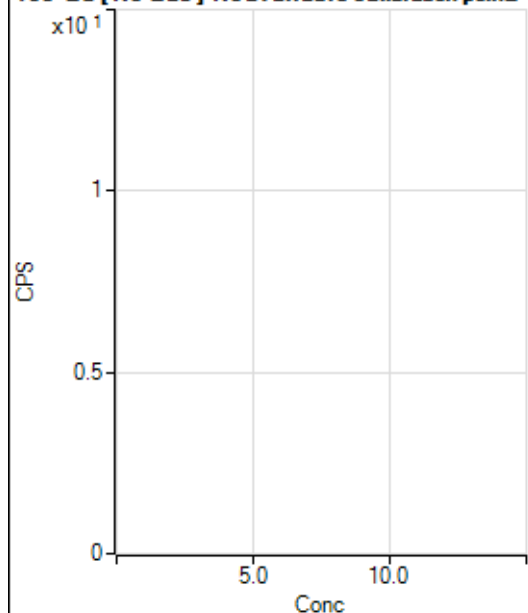
156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			12.22		P	31.5
3	☐			22.22		P	22.9
4	☐			31.11		P	44.6
5	☐			67.78		P	10.2
6	☐			118.89		P	8.1
7	☐			232.23		P	9.8
8	☐			333.34		P	20.7

156 Dy [He] No available calibration points

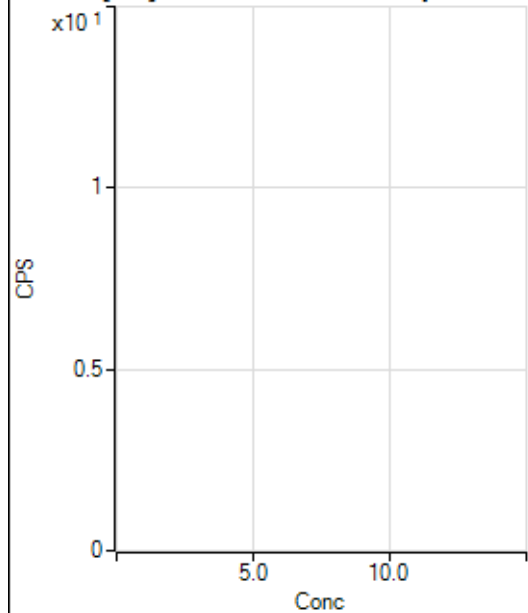
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			2.22		P	173.
3	☐			33.34		P	17.3
4	☐			83.33		P	20.0
5	☐			145.56		P	13.0
6	☐			314.45		P	7.1
7	☐			644.47		P	4.6
8	☐			286.67		P	4.2

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

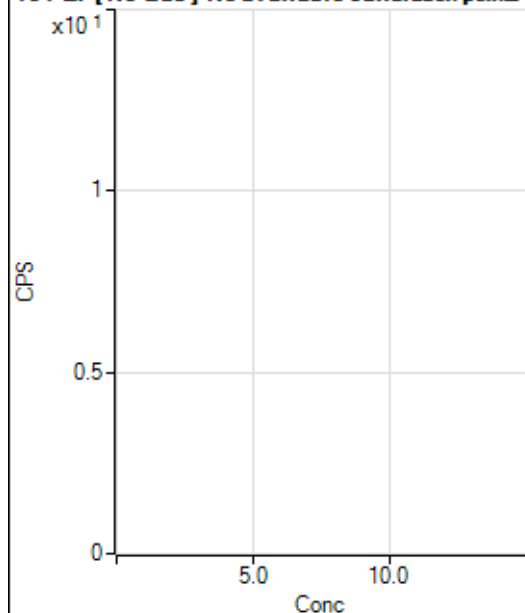


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.34		P	35.2
2	☐			45.56		P	33.8
3	☐			37.78		P	18.4
4	☐			43.33		P	46.8
5	☐			66.67		P	35.0
6	☐			96.67		P	12.4
7	☐			161.11		P	3.2
8	☐			338.90		P	2.3

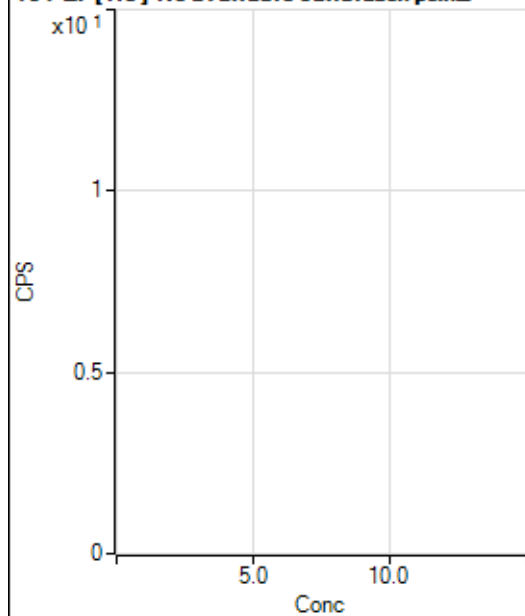
160 Gd [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			403.34		P	3.6
2	☐			421.12		P	9.2
3	☐			377.79		P	11.0
4	☐			406.68		P	11.1
5	☐			435.57		P	10.9
6	☐			404.45		P	10.2
7	☐			460.01		P	2.6
8	☐			633.35		P	6.9

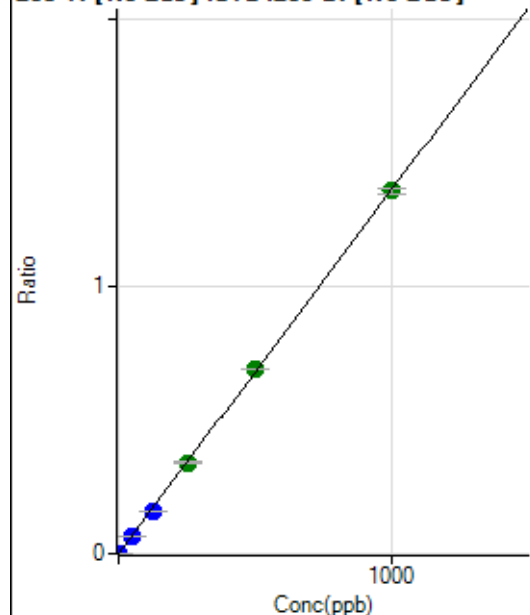
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	30.6
2	☐			50.00		P	30.5
3	☐			56.67		P	17.6
4	☐			66.67		P	15.0
5	☐			74.44		P	33.9
6	☐			92.22		P	15.0
7	☐			193.34		P	13.7
8	☐			433.35		P	8.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.67		P	36.4
2	☐			32.22		P	23.9
3	☐			40.00		P	22.0
4	☐			43.33		P	38.5
5	☐			60.00		P	5.5
6	☐			81.11		P	12.6
7	☐			150.00		P	17.4
8	☐			323.34		P	6.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.56	0.0000	P	31.5
2	☐	1.000	0.963	9425.55	0.0013	P	2.4
3	☐	50.000	45.503	439645.79	0.0619	P	1.5
4	☐	125.000	114.675	1106066.62	0.1560	P	1.1
5	☐	250.000	250.986	2457967.06	0.3414	A	0.7
6	☐	500.000	507.563	4957810.52	0.6905	A	0.2
7	☐	1000.000	997.487	9797283.74	1.3570	A	1.5
8	☐			566.68	0.0001	P	4.6

$$y = 0.0014 * x + 1.7609E-005$$

$$R = 0.9999$$

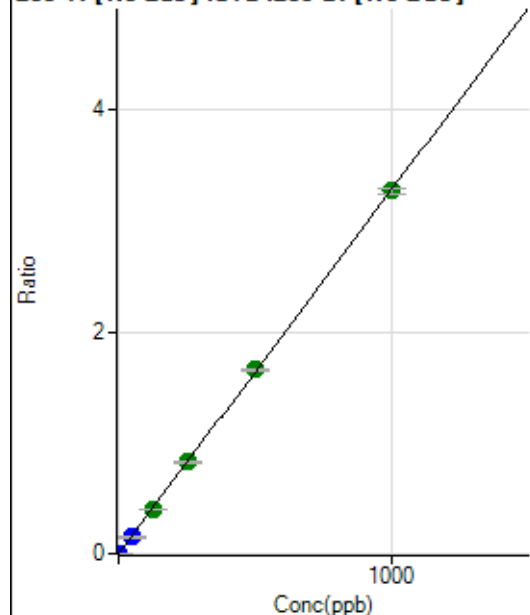
$$DL = 0.01222$$

$$BEC = 0.01294$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	320.01	0.0000	P	19.4
2	☐	1.000	0.971	22928.27	0.0032	P	1.0
3	☐	50.000	44.982	1047833.18	0.1476	P	1.3
4	☐	125.000	123.757	2877819.96	0.4059	A	0.7
5	☐	250.000	251.247	5931822.48	0.8241	A	1.6
6	☐	500.000	505.585	11906162.88	1.6582	A	0.7
7	☐	1000.000	997.302	23616263.54	3.2709	A	1.2
8	☐			1338.97	0.0002	P	7.6

$$y = 0.0033 * x + 4.4916E-005$$

$$R = 1.0000$$

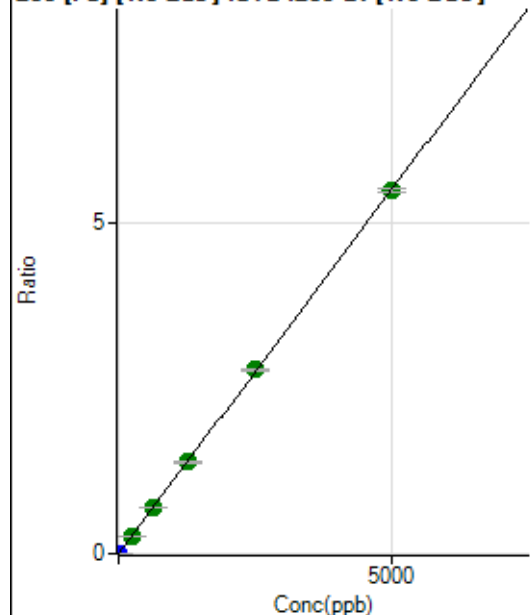
$$DL = 0.007959$$

$$BEC = 0.0137$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	555.57	0.0001	P	9.4
2	☐	1.000	0.965	8091.36	0.0011	P	3.3
3	☐	250.000	243.540	1902846.10	0.2680	A	1.2
4	☐	625.000	628.347	4900782.11	0.6913	A	1.6
5	☐	1250.000	1259.106	9971015.89	1.3851	A	0.8
6	☐	2500.000	2524.604	19940980.26	2.7772	A	1.0
7	☐	5000.000	4985.326	39596873.86	5.4841	A	1.1
8	☐			3511.60	0.0006	P	4.3

$$y = 0.0011 * x + 7.7922E-005$$

$$R = 1.0000$$

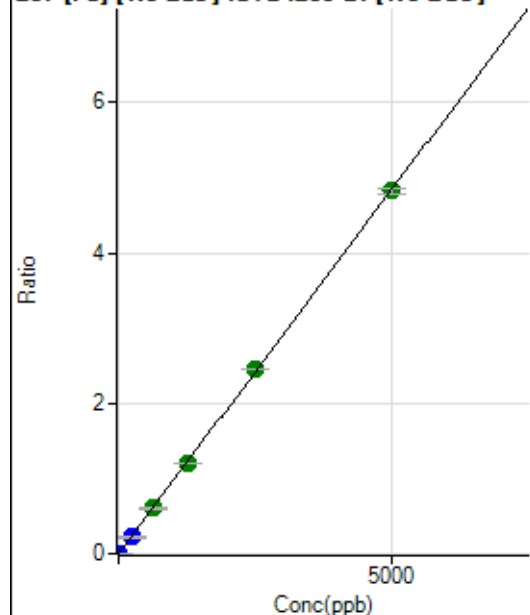
$$DL = 0.01995$$

$$BEC = 0.07084$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	430.01	0.0001	P	11.0
2	☐	1.000	0.965	7064.13	0.0010	P	2.8
3	☐	250.000	225.184	1548206.38	0.2180	P	1.2
4	☐	625.000	623.127	4276675.74	0.6032	A	1.6
5	☐	1250.000	1252.401	8727628.83	1.2124	A	0.3
6	☐	2500.000	2529.886	17584221.82	2.4490	A	0.1
7	☐	5000.000	4985.932	34846473.37	4.8265	A	1.6
8	☐			3121.51	0.0005	P	6.8

$$y = 9.6800E-004 * x + 6.0362E-005$$

$$R = 1.0000$$

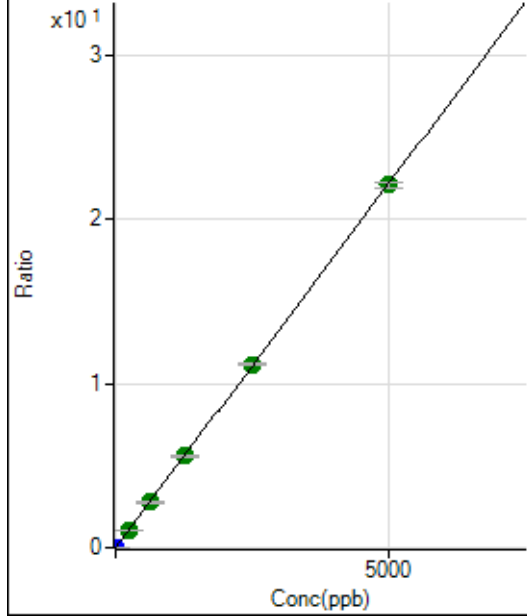
$$DL = 0.02066$$

$$BEC = 0.06236$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2095.64	0.0003	P	5.3
2	☐	1.000	0.961	32295.26	0.0045	P	2.3
3	☐	250.000	240.778	7572779.37	1.0665	A	0.5
4	☐	625.000	623.643	19579608.74	2.7618	A	1.0
5	☐	1250.000	1258.211	40108058.85	5.5717	A	0.8
6	☐	2500.000	2522.952	80216739.22	11.1720	A	0.3
7	☐	5000.000	4987.102	159436835.9	22.0833	A	1.8
8	☐			14164.16	0.0023	P	3.8

$$y = 0.0044 * x + 2.9399E-004$$

$$R = 1.0000$$

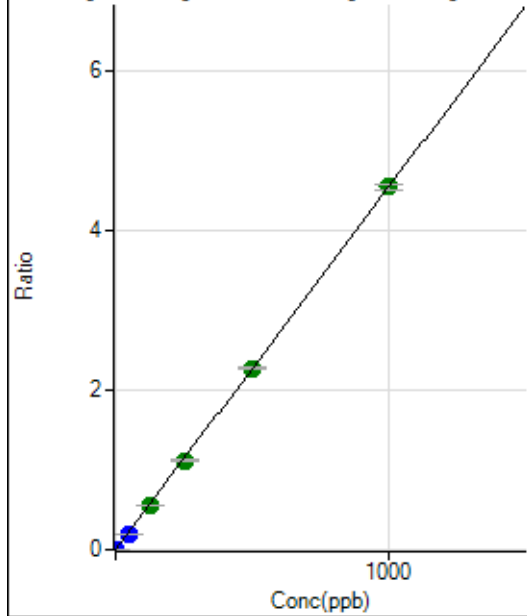
$$DL = 0.01061$$

$$BEC = 0.06639$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26.67	0.0000	P	32.3
2	☐	1.000	0.888	28623.03	0.0040	P	2.2
3	☐	50.000	43.026	1384856.78	0.1950	P	1.0
4	☐	125.000	121.717	3911438.76	0.5517	A	0.4
5	☐	250.000	246.238	8034573.63	1.1161	A	1.0
6	☐	500.000	500.746	16297475.45	2.2698	A	0.8
7	☐	1000.000	1001.327	32769990.07	4.5388	A	1.6
8	☐			836.70	0.0001	P	17.4

$$y = 0.0045 * x + 3.7361E-006$$

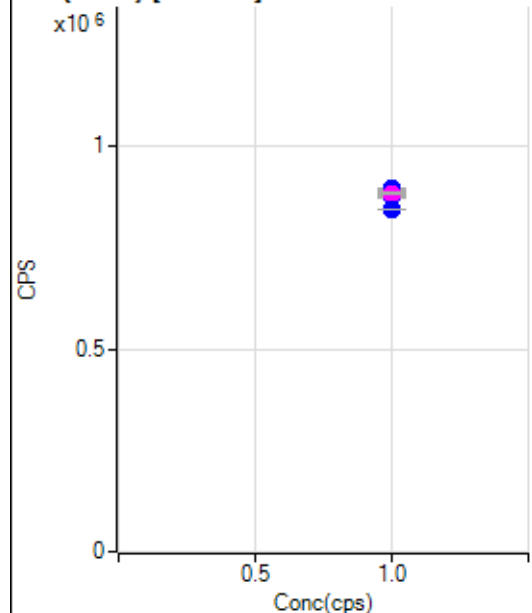
$$R = 1.0000$$

$$DL = 0.0007998$$

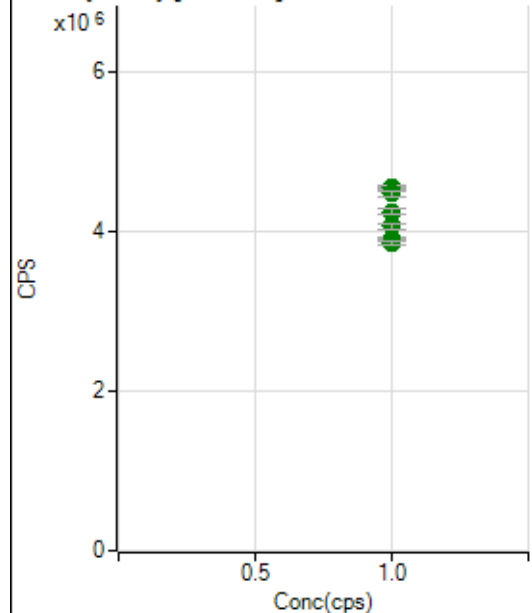
$$BEC = 0.0008242$$

Weight: <None>

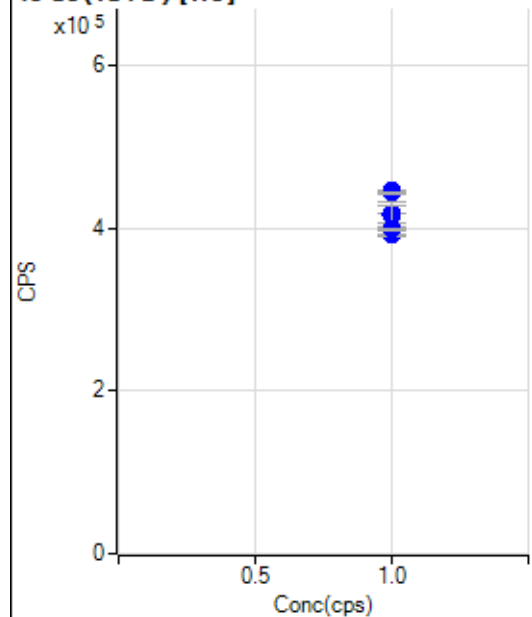
Min Conc: 0

6 Li (ISTD) [No Gas]

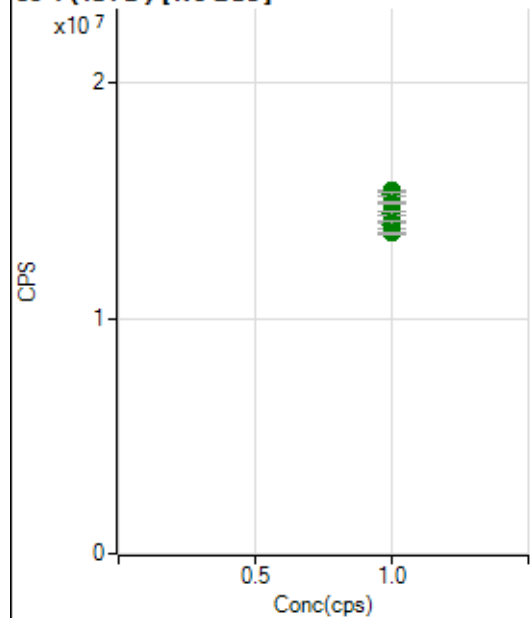
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		877252.13		P	0.7
2	☐	1.000		880238.97		P	0.4
3	☐	1.000		884335.39		M	0.5
4	☐	1.000		891403.23		P	0.4
5	☐	1.000		894737.81		P	0.3
6	☐	1.000		892087.93		P	0.3
7	☐	1.000		883446.37		M	0.7
8	☐	1.000		844107.28		P	0.5

45 Sc (ISTD) [No Gas]

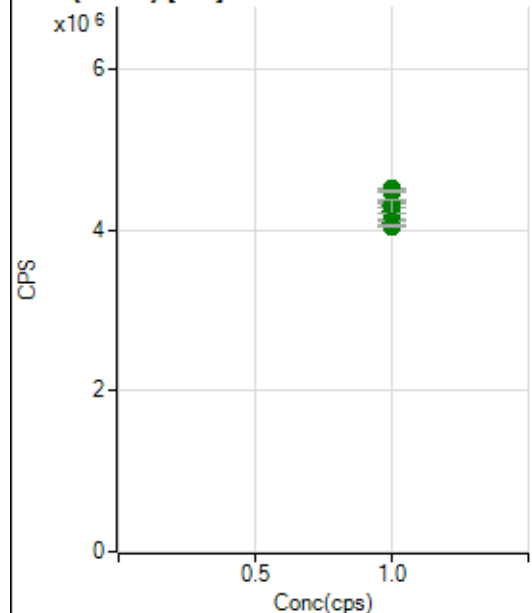
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4541554.27		A	0.5
2	☐	1.000		4549210.59		A	1.0
3	☐	1.000		4482050.84		A	1.7
4	☐	1.000		4248661.71		A	1.6
5	☐	1.000		4069165.78		A	1.5
6	☐	1.000		3908056.09		A	0.8
7	☐	1.000		3871007.75		A	1.8
8	☐	1.000		3853803.24		A	1.6

45 Sc (ISTD) [He]

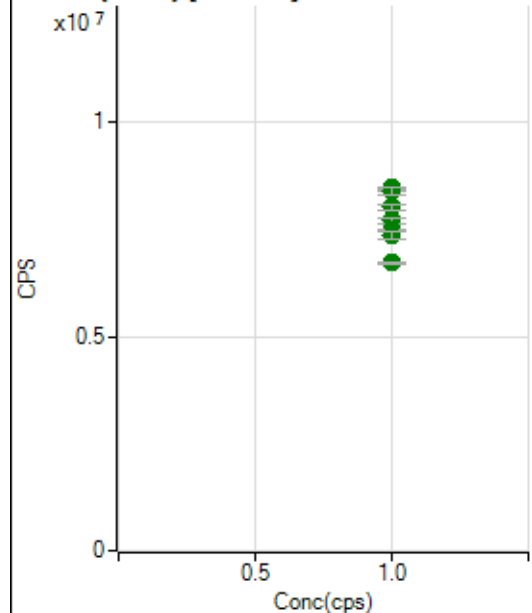
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		446017.85		P	0.8
2	☐	1.000		444286.53		P	0.6
3	☐	1.000		417054.70		P	7.2
4	☐	1.000		418401.19		P	0.2
5	☐	1.000		417579.65		P	4.8
6	☐	1.000		392788.04		P	0.3
7	☐	1.000		391348.96		P	0.6
8	☐	1.000		398389.83		P	0.2

89 Y (ISTD) [No Gas]

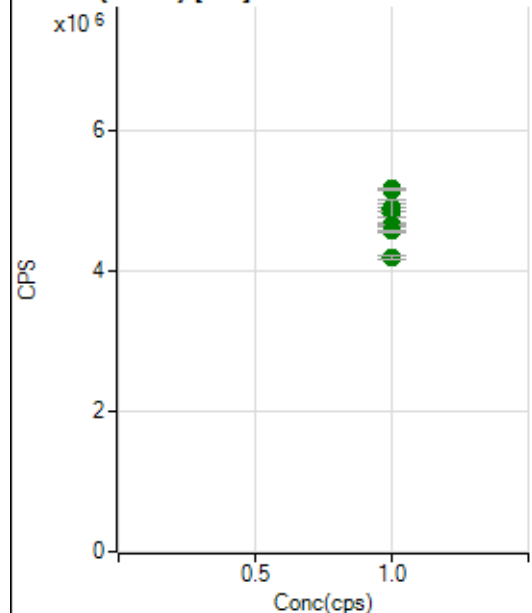
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15387625.88		A	0.3
2	☐	1.000		15429103.66		A	0.4
3	☐	1.000		15303757.69		A	1.3
4	☐	1.000		14918688.25		A	0.7
5	☐	1.000		14503677.42		A	1.0
6	☐	1.000		14081509.93		A	0.2
7	☐	1.000		14006259.79		A	2.3
8	☐	1.000		13620782.58		A	0.8

89 Y (ISTD) [He]

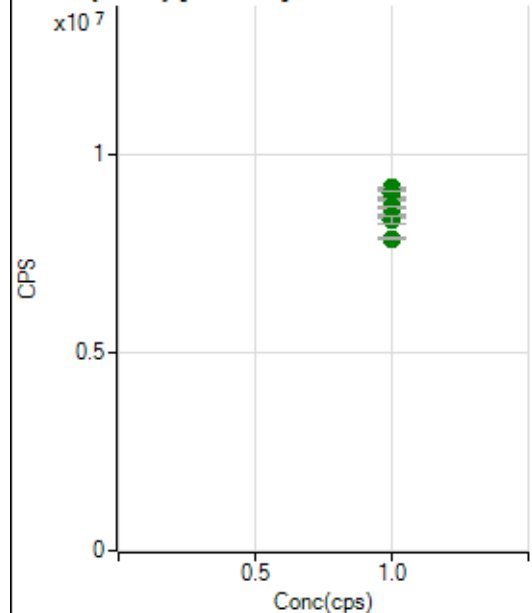
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4510002.64		A	0.7
2	☐	1.000		4480115.59		A	0.8
3	☐	1.000		4227939.94		A	5.4
4	☐	1.000		4305743.96		A	0.9
5	☐	1.000		4295560.70		A	3.8
6	☐	1.000		4114195.46		A	0.5
7	☐	1.000		4090905.32		A	0.9
8	☐	1.000		4051612.09		A	1.1

103 Rh (ISTD) [No Gas]

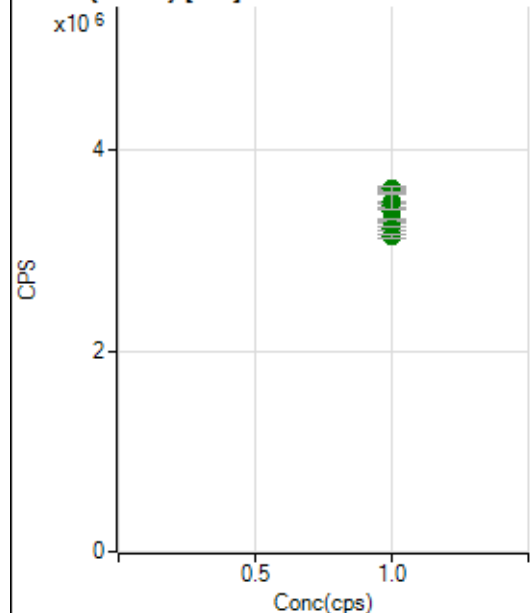
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8413067.16		A	0.4
2	☐	1.000		8466538.49		A	0.2
3	☐	1.000		8382614.95		A	1.9
4	☐	1.000		8015415.58		A	1.4
5	☐	1.000		7697090.79		A	1.6
6	☐	1.000		7472374.47		A	1.1
7	☐	1.000		7352039.20		A	2.5
8	☐	1.000		6709810.32		A	1.0

103 Rh (ISTD) [He]

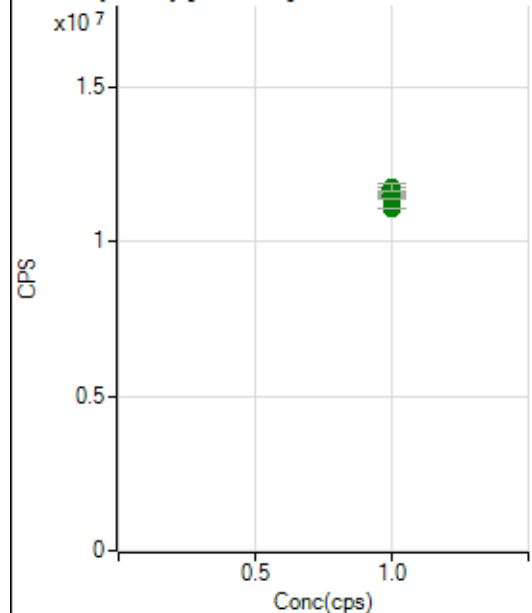
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5175248.60		A	0.8
2	☐	1.000		5164856.10		A	0.7
3	☐	1.000		4825097.19		A	5.5
4	☐	1.000		4882106.73		A	0.9
5	☐	1.000		4898751.04		A	5.2
6	☐	1.000		4653349.17		A	0.7
7	☐	1.000		4574835.31		A	0.4
8	☐	1.000		4200816.85		A	1.0

115 In (ISTD) [No Gas]

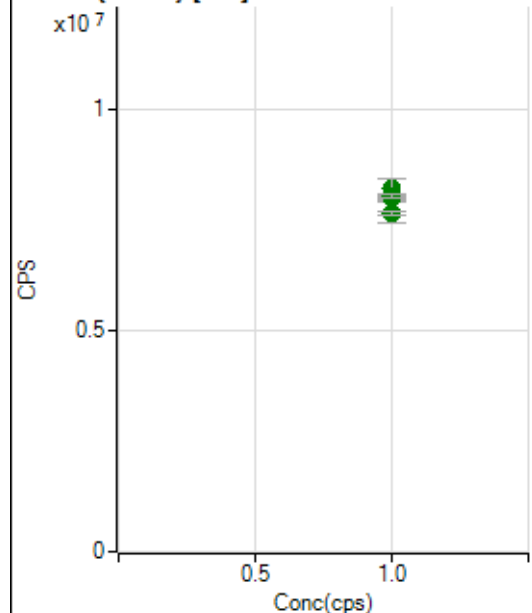
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9123721.66		A	0.6
2	☐	1.000		9153978.86		A	0.8
3	☐	1.000		9007518.99		A	1.3
4	☐	1.000		8849145.75		A	1.0
5	☐	1.000		8663568.67		A	0.6
6	☐	1.000		8445140.08		A	0.7
7	☐	1.000		8337642.20		A	2.2
8	☐	1.000		7877565.78		A	0.5

115 In (ISTD) [He]

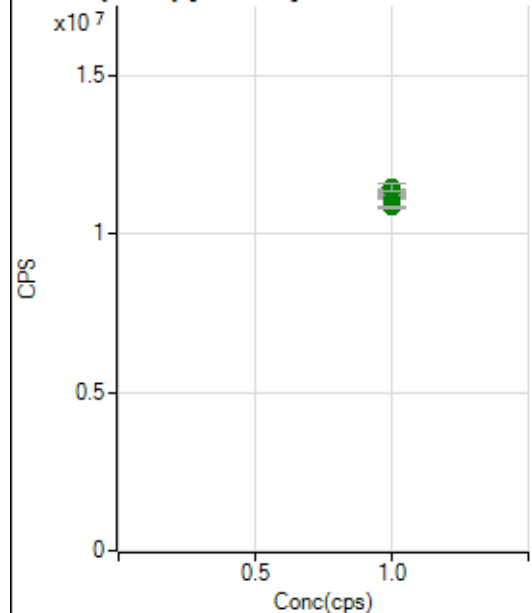
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3609434.91		A	0.3
2	☐	1.000		3612239.20		A	1.4
3	☐	1.000		3381949.02		A	6.5
4	☐	1.000		3446850.42		A	1.1
5	☐	1.000		3480772.23		A	4.6
6	☐	1.000		3300584.20		A	0.2
7	☐	1.000		3216215.11		A	0.8
8	☐	1.000		3143165.30		A	1.4

159 Tb (ISTD) [No Gas]

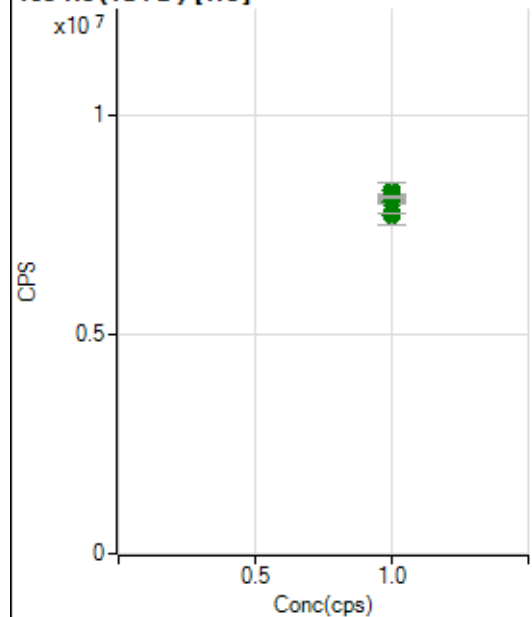
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11383731.50		A	0.7
2	☐	1.000		11474768.44		A	0.5
3	☐	1.000		11498383.72		A	1.4
4	☐	1.000		11500724.55		A	1.3
5	☐	1.000		11446590.38		A	1.4
6	☐	1.000		11677485.10		A	0.8
7	☐	1.000		11720941.08		A	2.2
8	☐	1.000		11062607.06		A	0.3

159 Tb (ISTD) [He]

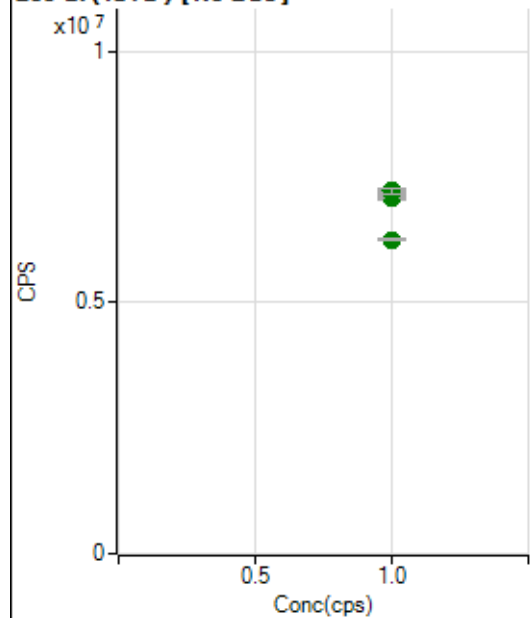
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8051903.01		A	0.7
2	☐	1.000		8024563.63		A	1.2
3	☐	1.000		7672182.04		A	6.0
4	☐	1.000		8023725.02		A	0.4
5	☐	1.000		8207808.35		A	5.7
6	☐	1.000		8062793.63		A	0.6
7	☐	1.000		8043534.67		A	1.5
8	☐	1.000		7659776.62		A	1.1

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11221726.78		A	0.5
2	☐	1.000		11183048.30		A	0.3
3	☐	1.000		11167835.94		A	0.7
4	☐	1.000		11190076.08		A	0.3
5	☐	1.000		11270642.75		A	0.4
6	☐	1.000		11416576.50		A	0.6
7	☐	1.000		11466947.19		A	2.0
8	☐	1.000		10850957.89		A	0.5

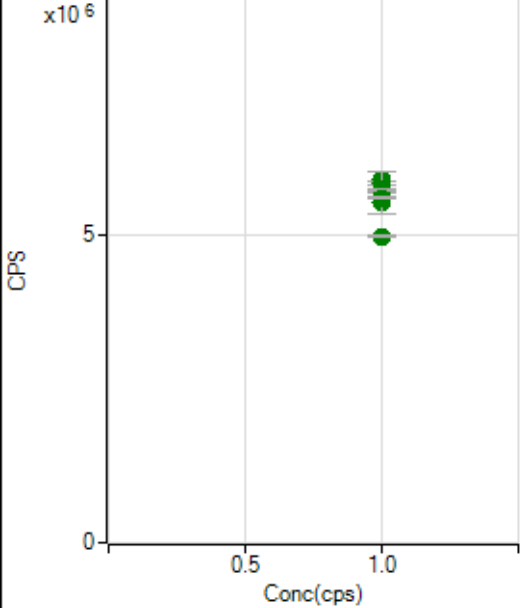
165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8065015.02		A	1.0
2	☐	1.000		8040703.35		A	1.1
3	☐	1.000		7738631.13		A	6.1
4	☐	1.000		8029653.21		A	0.7
5	☐	1.000		8278959.18		A	4.9
6	☐	1.000		8184349.39		A	0.5
7	☐	1.000		8135929.46		A	0.4
8	☐	1.000		7768979.33		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7127041.42		A	0.7
2	☐	1.000		7102081.00		A	1.3
3	☐	1.000		7100998.78		A	0.7
4	☐	1.000		7089566.00		A	0.3
5	☐	1.000		7198787.46		A	0.6
6	☐	1.000		7180181.49		A	0.1
7	☐	1.000		7220993.78		A	1.4
8	☐	1.000		6255136.64		A	0.7

209 Bi (ISTD) [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5844349.43		A	1.0
2	☐	1.000		5722307.83		A	1.1
3	☐	1.000		5530546.17		A	6.1
4	☐	1.000		5727476.10		A	0.5
5	☐	1.000		5907035.26		A	5.1
6	☐	1.000		5753900.54		A	0.7
7	☐	1.000		5617776.10		A	0.3
8	☐	1.000		4992611.42		A	0.6

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7020425MS-4.b
Acq. Date-Time 2025-02-04 16:48:17
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		5678	56782.39			1.089	5.000
24		80174	801744.48			1.395	5.000
25		10306	103063.46			1.103	5.000
26		11771	117709.61			0.916	5.000
59		80922	809224.34			0.724	5.000
113		12012	120115.48			0.967	5.000
115		156996	1569961.10			0.789	5.000
206		33405	334051.29			0.895	5.000
207		28852	288515.17			0.837	5.000
208		68312	683116.77			0.644	5.000
220		0	3.00			52.705	

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

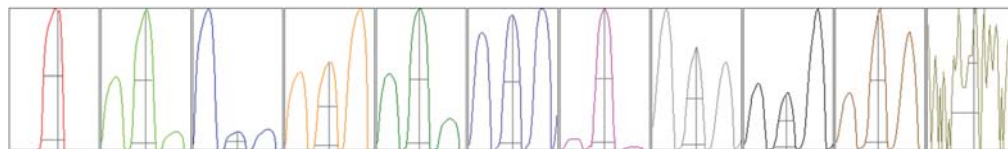
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	5724	5573	5679	5695	5720
24	81187	78368	80882	79892	80544
25	10400	10117	10340	10382	10293
26	11880	11594	11829	11780	11772
59	81733	80226	81243	80830	80580
113	12166	11846	12056	11986	12005
115	158459	155916	158064	156835	155706
206	33765	32969	33503	33511	33278
207	29202	28522	28874	28833	28826
208	68526	67543	68528	68354	68608

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	9267.91	9.15	8.90 - 9.10	Fail
24	134697.14	24.00	23.90 - 24.10	
25	17239.26	25.00	24.90 - 25.10	
26	19565.37	26.00	25.90 - 26.10	
59	137090.93	58.95	58.90 - 59.10	
113	22747.15	113.00	112.90 - 113.10	
115	296445.13	115.00	114.90 - 115.10	
206	66972.95	206.00	205.90 - 206.10	
207	56590.25	206.95	206.90 - 207.10	
208	137545.26	207.95	207.90 - 208.10	
220	0.45	220.10	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.769	0.900	
24	0.64	0.823	0.900	
25	0.63	0.756	0.900	
26	0.63	0.789	0.900	
59	0.61	0.776	0.900	
113	0.54	0.737	0.900	
115	0.54	0.766	0.900	
206	0.52	0.766	0.900	
207	0.51	0.732	0.900	
208	0.51	0.738	0.900	
220	0.33	0.901		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 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	9.1 V	Deflect	15.4 V
Extract 2	-150.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 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	139	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.16		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	0.2 mm
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EM

Discriminator	4.8 mV	Analog HV	2267 V	Pulse HV	1066 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		29355	293547.46			0.717	
89		73279	732788.59			1.438	
205		32619	326189.84			1.179	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	29687	29396	29340	29199	29153
89	74436	74391	72835	72413	72320
205	33252	32707	32430	32303	32402

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 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	8.8 V	Deflect	3.4 V
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US EPA Tune Check Report

Extract 2	-125.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-60 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	139	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.16		
Hardware Settings					
Torch					
Torch H	0.1 mm	Torch V	0.2 mm		
EM					
Discriminator	4.8 mV	Analog HV	2267 V	Pulse HV	1066 V

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:25:15 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.05	-0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	0.00	-0.02	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	-0.03	-0.05	0.00	N/A	ppb
Cadmium	106-1	-0.24	0.78	-0.54	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Calcium	43-1	-0.35	-0.48	0.83	0.00	N/A	ppb
Calcium	44-1	0.08	0.51	-0.59	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	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.02	0.00	-0.02	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	-0.04	0.11	-0.07	0.00	N/A	ppb
Iron	57-2	0.21	0.53	-0.73	0.00	N/A	ppb
Iron	54-2	-0.43	-0.07	0.50	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:25:15 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.12	0.11	0.01	0.00	N/A	ppb
Manganese	55-2	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.06	0.00	N/A	ppb
Phosphorus	31-2	-17.16	-18.94	-16.90	-17.67		ppb
Potassium	39-2	-0.76	1.50	-0.74	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.14	0.29	-0.43	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.38	-0.31	0.69	0.00	N/A	ppb
Silicon	28-1	0.56	0.35	-0.91	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	0.34	-0.20	-0.14	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-62.76	0.40	-38.62	-33.66		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:25:15 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	0.05	-0.02	-0.03	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 : LB134593 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:28:33 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.91	19.85	20.09	20.28	2.74	ppb
Antimony	121-1	2.25	2.15	2.19	2.20	2.26	ppb
Arsenic	75-2	1.16	1.22	1.10	1.16	5.36	ppb
Barium	135-1	10.76	10.61	10.98	10.79	1.71	ppb
Barium	137-1	10.82	10.78	10.91	10.84	0.61	ppb
Beryllium	9-1	1.16	1.17	1.12	1.15	2.15	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.29	1.03	1.00	1.10	14.64	ppb
Cadmium	106-1	2.01	0.71	0.91	1.21	57.83	ppb
Cadmium	111-1	1.15	1.13	1.27	1.18	6.54	ppb
Calcium	43-1	545.70	548.60	550.00	548.10	0.40	ppb
Calcium	44-1	544.51	552.65	545.67	547.61	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.24	2.20	2.19	2.21	1.27	ppb
Cobalt	59-2	1.18	1.20	1.12	1.16	3.75	ppb
Copper	63-2	2.22	2.21	2.14	2.19	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	57.25	57.48	56.81	57.18	0.59	ppb
Iron	57-2	57.75	58.24	59.79	58.60	1.82	ppb
Iron	54-2	57.98	60.78	58.44	59.07	2.54	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:28:33 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.00	0.96	0.93	0.97	3.59	ppb
Lead	207-1	0.99	0.98	0.93	0.97	2.94	ppb
Lead	208-1	0.98	0.97	0.93	0.96	2.44	ppb
Lithium	6-1				100		%
Magnesium	24-2	522.52	522.80	510.16	518.49	1.39	ppb
Manganese	55-2	1.06	1.12	1.09	1.09	2.74	ppb
Molybdenum	94-1	6.19	6.25	6.28	6.24	0.76	ppb
Molybdenum	95-1	5.31	5.24	5.22	5.26	0.93	ppb
Molybdenum	96-1	5.38	5.30	5.24	5.31	1.28	ppb
Molybdenum	97-1	5.28	5.24	5.25	5.25	0.35	ppb
Molybdenum	98-1	5.20	5.29	5.33	5.27	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.10	1.24	1.17	6.08	ppb
Phosphorus	31-2	19.75	10.55	22.71	17.67	35.89	ppb
Potassium	39-2	551.66	551.47	542.16	548.43	0.99	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	5.86	6.10	5.35	5.77	6.58	ppb
Selenium	77-2	8.31	8.33	5.95	7.53	18.14	ppb
Selenium	78-2	5.61	5.15	4.04	4.93	16.39	ppb
Silicon	28-1	3.72	5.92	3.46	4.37	30.87	ppb
Silver	107-1	1.21	1.18	1.19	1.19	1.18	ppb
Silver	109-1	1.15	1.14	1.12	1.14	1.23	ppb
Sodium	23-2	524.80	520.20	516.04	520.35	0.84	ppb
Strontium	86-1	1.09	1.03	1.04	1.05	2.65	ppb
Strontium	88-1	1.07	1.05	1.05	1.06	0.84	ppb
Sulfur	34-1	-10.47	84.53	26.93	33.66	142.18	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.96	0.99	0.94	0.96	2.45	ppb
Thallium	205-1	0.98	0.97	0.96	0.97	1.00	ppb
Tin	118-1	5.54	5.57	5.66	5.59	1.11	ppb
Titanium	47-1	5.61	5.62	5.54	5.59	0.79	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:28:33 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.91	0.87	0.89	2.17	ppb
Vanadium	51-2	5.52	5.48	5.60	5.53	1.04	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	5.28	5.50	5.51	5.43	2.34	ppb
Zirconium	90-1	1.04	1.02	1.05	1.04	1.12	ppb
Zirconium	91-1	1.04	1.02	1.02	1.02	1.31	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:31:52 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	965.94	1112.63	962.74	1013.77	8.45	ppb
Antimony	121-1	49.92	50.88	52.06	50.95	2.10	ppb
Arsenic	75-2	53.42	59.01	53.00	55.14	6.08	ppb
Barium	135-1	247.47	248.93	254.33	250.25	1.44	ppb
Barium	137-1	246.38	249.76	254.32	250.15	1.59	ppb
Beryllium	9-1	54.54	56.26	56.10	55.63	1.71	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	57.24	57.69	56.68	57.20	0.88	ppb
Cadmium	106-1	58.19	58.49	56.61	57.76	1.74	ppb
Cadmium	111-1	54.00	54.38	55.24	54.54	1.16	ppb
Calcium	43-1	5054.28	5101.14	5130.56	5095.33	0.76	ppb
Calcium	44-1	4764.33	4873.47	4956.42	4864.74	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.70	57.83	50.35	52.96	7.97	ppb
Cobalt	59-2	51.00	57.95	50.39	53.11	7.91	ppb
Copper	63-2	532.39	588.95	517.11	546.15	6.93	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				96		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	2616.74	2946.95	2550.24	2704.64	7.86	ppb
Iron	57-2	2612.65	2988.97	2600.58	2734.07	8.08	ppb
Iron	54-2	2702.35	3083.33	2677.19	2820.96	8.07	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:31:52 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	241.43	242.36	246.83	243.54	1.19	ppb
Lead	207-1	222.28	225.62	227.65	225.18	1.20	ppb
Lead	208-1	239.33	241.33	241.68	240.78	0.53	ppb
Lithium	6-1				101		%
Magnesium	24-2	4933.69	5621.71	4904.64	5153.35	7.88	ppb
Manganese	55-2	499.91	574.00	496.23	523.38	8.38	ppb
Molybdenum	94-1	496.07	490.71	503.01	496.60	1.24	ppb
Molybdenum	95-1	496.21	512.93	504.06	504.40	1.66	ppb
Molybdenum	96-1	493.27	508.05	502.55	501.29	1.49	ppb
Molybdenum	97-1	488.57	498.27	492.64	493.16	0.99	ppb
Molybdenum	98-1	495.14	498.77	500.42	498.11	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.50	60.26	52.62	55.46	7.53	ppb
Phosphorus	31-2	1026.78	1169.69	1010.74	1069.07	8.19	ppb
Potassium	39-2	2604.72	2975.23	2575.60	2718.52	8.20	ppb
Rhodium	103-1				100		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	53.52	52.22	53.53	53.09	1.42	ppb
Selenium	77-2	51.46	56.64	48.80	52.30	7.62	ppb
Selenium	78-2	53.78	59.24	53.88	55.64	5.61	ppb
Silicon	28-1	104.54	109.12	116.49	110.05	5.48	ppb
Silver	107-1	55.02	55.21	55.93	55.39	0.87	ppb
Silver	109-1	54.46	54.82	55.86	55.05	1.31	ppb
Sodium	23-2	4871.59	5568.60	4863.17	5101.12	7.94	ppb
Strontium	86-1	49.54	50.15	50.02	49.90	0.65	ppb
Strontium	88-1	48.39	49.30	49.51	49.06	1.22	ppb
Sulfur	34-1	792.70	923.68	917.26	877.88	8.41	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	44.83	45.49	46.19	45.50	1.50	ppb
Thallium	205-1	44.31	45.20	45.44	44.98	1.31	ppb
Tin	118-1	51.15	51.34	52.49	51.66	1.40	ppb
Titanium	47-1	498.55	510.07	512.15	506.92	1.45	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:31:52 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	42.53	43.14	43.40	43.03	1.04	ppb
Vanadium	51-2	50.38	57.48	49.88	52.58	8.08	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	498.85	568.89	496.55	521.43	7.89	ppb
Zirconium	90-1	48.67	49.06	49.55	49.10	0.90	ppb
Zirconium	91-1	48.73	49.34	49.90	49.32	1.18	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:34:57 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2417.27	2411.27	2413.36	2413.97	0.13	ppb
Antimony	121-1	123.34	127.49	125.19	125.34	1.66	ppb
Arsenic	75-2	126.72	129.43	128.59	128.25	1.08	ppb
Barium	135-1	608.48	628.09	619.53	618.70	1.59	ppb
Barium	137-1	649.14	656.40	658.14	654.56	0.73	ppb
Beryllium	9-1	136.64	135.69	135.83	136.05	0.38	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.63	138.83	136.00	136.82	1.28	ppb
Cadmium	106-1	133.38	138.45	137.22	136.35	1.94	ppb
Cadmium	111-1	130.12	134.78	131.57	132.16	1.80	ppb
Calcium	43-1	12634.42	12972.08	12818.10	12808.20	1.32	ppb
Calcium	44-1	11963.16	12234.66	12400.22	12199.35	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.92	125.94	126.12	126.33	0.41	ppb
Cobalt	59-2	126.68	127.22	125.64	126.51	0.64	ppb
Copper	63-2	1293.01	1298.15	1272.58	1287.91	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	6477.11	6390.90	6414.06	6427.36	0.69	ppb
Iron	57-2	6531.27	6536.60	6494.27	6520.72	0.35	ppb
Iron	54-2	6697.34	6699.67	6687.09	6694.70	0.10	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:34:57 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	623.26	639.66	622.12	628.35	1.56	ppb
Lead	207-1	619.77	634.56	615.06	623.13	1.63	ppb
Lead	208-1	619.20	630.90	620.83	623.64	1.02	ppb
Lithium	6-1				102		%
Magnesium	24-2	12270.56	12280.17	12191.47	12247.40	0.40	ppb
Manganese	55-2	1251.28	1245.91	1241.32	1246.17	0.40	ppb
Molybdenum	94-1	1238.78	1238.88	1245.97	1241.21	0.33	ppb
Molybdenum	95-1	1256.58	1248.30	1257.84	1254.24	0.41	ppb
Molybdenum	96-1	1241.82	1249.84	1262.94	1251.53	0.85	ppb
Molybdenum	97-1	1258.88	1246.41	1242.51	1249.27	0.68	ppb
Molybdenum	98-1	1255.74	1245.61	1256.58	1252.64	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.50	131.25	130.74	131.16	0.30	ppb
Phosphorus	31-2	2602.92	2581.63	2562.98	2582.51	0.77	ppb
Potassium	39-2	6219.75	6240.90	6351.99	6270.88	1.13	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	128.93	128.48	128.44	128.62	0.21	ppb
Selenium	77-2	125.81	135.73	146.78	136.11	7.71	ppb
Selenium	78-2	132.17	134.67	130.63	132.49	1.54	ppb
Silicon	28-1	184.19	178.33	181.09	181.20	1.62	ppb
Silver	107-1	131.53	134.89	132.58	133.00	1.30	ppb
Silver	109-1	131.76	135.18	133.02	133.32	1.30	ppb
Sodium	23-2	12363.45	12296.49	12275.78	12311.91	0.37	ppb
Strontium	86-1	122.65	122.79	124.43	123.29	0.80	ppb
Strontium	88-1	126.25	125.07	125.85	125.72	0.48	ppb
Sulfur	34-1	2392.20	2451.23	2439.60	2427.68	1.29	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	113.22	115.54	115.27	114.67	1.11	ppb
Thallium	205-1	122.93	124.73	123.61	123.76	0.73	ppb
Tin	118-1	125.50	128.87	126.36	126.91	1.38	ppb
Titanium	47-1	1260.06	1259.02	1287.72	1268.93	1.28	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:34:57 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	121.86	122.16	121.14	121.72	0.43	ppb
Vanadium	51-2	126.28	125.06	125.72	125.69	0.49	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	1254.30	1248.70	1258.20	1253.73	0.38	ppb
Zirconium	90-1	124.46	125.32	124.99	124.92	0.35	ppb
Zirconium	91-1	122.89	123.65	123.65	123.40	0.36	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:37:54 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4842.97	4843.08	4395.10	4693.72	5.51	ppb
Antimony	121-1	259.80	263.17	260.37	261.11	0.69	ppb
Arsenic	75-2	255.12	250.83	238.52	248.16	3.47	ppb
Barium	135-1	1305.52	1315.82	1301.60	1307.65	0.56	ppb
Barium	137-1	1289.16	1324.87	1284.40	1299.48	1.70	ppb
Beryllium	9-1	268.05	265.41	262.86	265.44	0.98	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	266.01	274.89	267.05	269.31	1.80	ppb
Cadmium	106-1	266.08	278.86	263.93	269.62	2.99	ppb
Cadmium	111-1	260.57	266.22	255.81	260.87	2.00	ppb
Calcium	43-1	25451.60	25477.80	25734.38	25554.59	0.61	ppb
Calcium	44-1	24429.17	24161.61	24530.50	24373.76	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	250.00	252.64	228.64	243.76	5.40	ppb
Cobalt	59-2	250.84	252.25	227.07	243.39	5.81	ppb
Copper	63-2	2566.78	2569.07	2339.34	2491.73	5.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	12961.28	13021.19	11713.89	12565.45	5.87	ppb
Iron	57-2	12997.19	13070.50	11895.27	12654.32	5.20	ppb
Iron	54-2	12984.06	13304.79	11892.80	12727.22	5.82	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:37:54 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1248.93	1258.20	1270.19	1259.11	0.85	ppb
Lead	207-1	1249.61	1251.39	1256.19	1252.40	0.27	ppb
Lead	208-1	1248.13	1258.19	1268.31	1258.21	0.80	ppb
Lithium	6-1				102		%
Magnesium	24-2	24567.70	24694.63	22149.05	23803.79	6.03	ppb
Manganese	55-2	2545.26	2520.68	2268.74	2444.89	6.26	ppb
Molybdenum	94-1	2518.55	2534.16	2536.85	2529.85	0.39	ppb
Molybdenum	95-1	2537.68	2545.26	2551.94	2544.96	0.28	ppb
Molybdenum	96-1	2503.40	2513.67	2516.86	2511.31	0.28	ppb
Molybdenum	97-1	2521.95	2512.98	2498.64	2511.19	0.47	ppb
Molybdenum	98-1	2519.14	2505.00	2522.73	2515.62	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.51	261.23	236.48	252.41	5.47	ppb
Phosphorus	31-2	5156.26	5121.45	4685.93	4987.88	5.25	ppb
Potassium	39-2	12285.33	12327.62	11148.71	11920.55	5.61	ppb
Rhodium	103-1				91		%
Rhodium	103-2				95		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	82-1	259.01	261.55	260.37	260.31	0.49	ppb
Selenium	77-2	260.91	266.22	238.26	255.13	5.82	ppb
Selenium	78-2	256.56	251.47	242.26	250.10	2.90	ppb
Silicon	28-1	287.73	291.16	290.66	289.85	0.64	ppb
Silver	107-1	273.22	276.20	272.34	273.92	0.74	ppb
Silver	109-1	272.59	275.23	265.22	271.01	1.91	ppb
Sodium	23-2	24647.30	24824.76	22595.50	24022.52	5.16	ppb
Strontium	86-1	245.93	248.41	249.00	247.78	0.66	ppb
Strontium	88-1	252.00	255.08	253.43	253.50	0.61	ppb
Sulfur	34-1	4813.98	4893.11	4888.33	4865.14	0.91	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	249.28	252.90	250.78	250.99	0.72	ppb
Thallium	205-1	246.90	252.09	254.75	251.25	1.59	ppb
Tin	118-1	261.13	264.49	263.02	262.88	0.64	ppb
Titanium	47-1	2518.92	2534.65	2550.31	2534.63	0.62	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:37:54 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	243.56	246.86	248.29	246.24	0.98	ppb
Vanadium	51-2	250.56	249.91	228.13	242.87	5.26	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	2532.19	2594.82	2362.49	2496.50	4.81	ppb
Zirconium	90-1	253.49	251.27	254.84	253.20	0.71	ppb
Zirconium	91-1	248.27	251.41	249.40	249.69	0.64	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:40:42 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9771.56	9735.21	9832.12	9779.63	0.50	ppb
Antimony	121-1	508.96	502.22	501.43	504.20	0.82	ppb
Arsenic	75-2	504.65	500.53	507.06	504.08	0.66	ppb
Barium	135-1	2554.82	2500.61	2512.27	2522.57	1.13	ppb
Barium	137-1	2523.53	2494.70	2498.28	2505.51	0.63	ppb
Beryllium	9-1	514.94	508.88	506.21	510.01	0.88	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	516.31	509.38	505.50	510.40	1.07	ppb
Cadmium	106-1	513.23	506.27	507.76	509.08	0.72	ppb
Cadmium	111-1	496.73	491.01	490.67	492.80	0.69	ppb
Calcium	43-1	50468.35	50918.73	49948.90	50445.33	0.96	ppb
Calcium	44-1	48208.91	48243.86	48487.18	48313.32	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.31	513.66	503.04	506.67	1.19	ppb
Cobalt	59-2	512.73	509.77	513.52	512.01	0.39	ppb
Copper	63-2	5108.33	5084.45	5107.53	5100.10	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	25944.50	25936.01	25815.39	25898.64	0.28	ppb
Iron	57-2	25925.17	25516.43	25415.94	25619.18	1.05	ppb
Iron	54-2	26522.86	26410.32	26233.72	26388.97	0.55	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:40:42 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2527.60	2499.02	2547.19	2524.60	0.96	ppb
Lead	207-1	2532.59	2529.08	2527.99	2529.89	0.10	ppb
Lead	208-1	2520.63	2515.93	2532.30	2522.95	0.33	ppb
Lithium	6-1				102		%
Magnesium	24-2	50054.67	49638.21	49149.59	49614.16	0.91	ppb
Manganese	55-2	5038.99	5093.71	5039.12	5057.27	0.62	ppb
Molybdenum	94-1	5073.41	5019.00	5026.99	5039.80	0.58	ppb
Molybdenum	95-1	5062.98	5059.48	5031.39	5051.28	0.34	ppb
Molybdenum	96-1	5082.78	5057.01	5012.01	5050.60	0.71	ppb
Molybdenum	97-1	5051.08	5078.48	4978.34	5035.96	1.03	ppb
Molybdenum	98-1	5085.73	5065.29	4979.37	5043.46	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.21	511.89	512.52	511.54	0.23	ppb
Phosphorus	31-2	10070.84	10057.93	10104.28	10077.69	0.24	ppb
Potassium	39-2	24642.96	24383.39	24729.96	24585.44	0.73	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				86		%
Scandium	45-2				88		%
Selenium	82-1	511.90	506.81	505.51	508.07	0.66	ppb
Selenium	77-2	521.27	504.14	488.56	504.66	3.24	ppb
Selenium	78-2	511.71	507.35	501.05	506.70	1.06	ppb
Silicon	28-1	521.31	524.61	511.91	519.28	1.27	ppb
Silver	107-1	516.63	511.13	503.12	510.29	1.33	ppb
Silver	109-1	520.85	506.46	509.18	512.16	1.49	ppb
Sodium	23-2	49231.53	50183.76	49841.55	49752.28	0.97	ppb
Strontium	86-1	495.25	494.73	487.59	492.52	0.87	ppb
Strontium	88-1	505.61	504.88	502.63	504.38	0.31	ppb
Sulfur	34-1	9842.80	9880.65	9715.79	9813.08	0.88	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	508.80	507.20	506.69	507.56	0.22	ppb
Thallium	205-1	506.61	501.89	508.25	505.58	0.65	ppb
Tin	118-1	511.53	504.45	501.87	505.95	0.99	ppb
Titanium	47-1	5020.37	5091.50	5001.46	5037.78	0.94	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:40:42 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	499.38	505.06	497.79	500.75	0.76	ppb
Vanadium	51-2	501.21	498.62	499.79	499.87	0.26	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	5138.57	5114.65	5072.94	5108.72	0.65	ppb
Zirconium	90-1	501.53	498.07	500.52	500.04	0.36	ppb
Zirconium	91-1	508.30	494.54	497.48	500.11	1.45	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:43:28 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19109.91	19640.51	19318.94	19356.45	1.38	ppb
Antimony	121-1	970.28	991.08	1023.73	995.03	2.71	ppb
Arsenic	75-2	998.16	1005.50	989.61	997.76	0.80	ppb
Barium	135-1	4846.41	4992.73	5086.09	4975.08	2.43	ppb
Barium	137-1	4833.20	4996.27	5114.05	4981.17	2.83	ppb
Beryllium	9-1	977.61	993.97	996.83	989.47	1.05	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	957.74	993.21	1013.46	988.14	2.85	ppb
Cadmium	106-1	966.53	989.97	1009.74	988.75	2.19	ppb
Cadmium	111-1	971.72	1005.12	1022.44	999.76	2.58	ppb
Calcium	43-1	94465.44	98193.69	96979.65	96546.26	1.97	ppb
Calcium	44-1	93852.34	97581.07	96106.99	95846.80	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	991.80	993.76	1008.17	997.91	0.90	ppb
Cobalt	59-2	999.05	997.18	989.68	995.31	0.50	ppb
Copper	63-2	9918.57	9965.82	9950.52	9944.97	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	50993.31	51924.56	50708.97	51208.95	1.24	ppb
Iron	57-2	51091.60	50726.80	50085.58	50634.66	1.01	ppb
Iron	54-2	51627.54	51685.68	51643.03	51652.08	0.06	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:43:28 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4924.68	5007.97	5023.32	4985.33	1.06	ppb
Lead	207-1	4893.33	5023.54	5040.93	4985.93	1.62	ppb
Lead	208-1	4883.62	5040.71	5036.98	4987.10	1.80	ppb
Lithium	6-1				101		%
Magnesium	24-2	97064.39	98411.74	97170.39	97548.84	0.77	ppb
Manganese	55-2	10004.26	10054.88	9894.21	9984.45	0.82	ppb
Molybdenum	94-1	9634.69	10124.47	10162.55	9973.91	2.95	ppb
Molybdenum	95-1	9660.13	10111.71	10115.27	9962.37	2.63	ppb
Molybdenum	96-1	9767.00	10025.98	10121.86	9971.61	1.84	ppb
Molybdenum	97-1	9681.11	10147.37	10110.48	9979.65	2.60	ppb
Molybdenum	98-1	9684.72	10111.90	10125.76	9974.13	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.84	995.43	990.48	992.58	0.26	ppb
Phosphorus	31-2	20022.93	19892.08	19936.25	19950.42	0.33	ppb
Potassium	39-2	48310.40	49164.67	48984.47	48819.85	0.92	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				85		%
Scandium	45-2				88		%
Selenium	82-1	969.28	1005.66	1003.39	992.78	2.05	ppb
Selenium	77-2	1013.48	972.29	998.85	994.87	2.10	ppb
Selenium	78-2	995.47	998.69	992.06	995.41	0.33	ppb
Silicon	28-1	959.75	993.66	957.87	970.43	2.08	ppb
Silver	107-1	967.70	982.09	1013.03	987.60	2.35	ppb
Silver	109-1	962.21	985.73	1014.19	987.37	2.64	ppb
Sodium	23-2	98149.52	99218.62	98265.05	98544.40	0.60	ppb
Strontium	86-1	977.98	1027.51	1008.05	1004.51	2.48	ppb
Strontium	88-1	967.29	1012.25	1011.14	996.89	2.57	ppb
Sulfur	34-1	19631.18	20462.79	20333.00	20142.32	2.22	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	980.26	1009.59	1002.62	997.49	1.54	ppb
Thallium	205-1	983.34	1001.73	1006.84	997.30	1.24	ppb
Tin	118-1	963.05	995.88	1021.50	993.48	2.95	ppb
Titanium	47-1	9739.33	10131.34	10038.56	9969.74	2.05	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:43:28 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	982.84	1013.73	1007.40	1001.33	1.63	ppb
Vanadium	51-2	997.70	996.06	1011.13	1001.63	0.83	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	9950.63	9927.91	9956.39	9944.98	0.15	ppb
Zirconium	90-1	967.31	1013.50	1016.89	999.24	2.77	ppb
Zirconium	91-1	968.78	1020.21	1011.78	1000.26	2.76	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:46:12 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100678.11	99933.60	99892.51	100168.07	0.44	ppb
Antimony	121-1	0.31	0.29	0.30	0.30	3.68	ppb
Arsenic	75-2	0.57	0.57	0.53	0.56	4.48	ppb
Barium	135-1	1.79	1.79	1.80	1.79	0.35	ppb
Barium	137-1	1.86	1.83	1.77	1.82	2.63	ppb
Beryllium	9-1	0.30	0.20	0.17	0.22	31.11	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.67	0.60	0.36	0.54	29.38	ppb
Cadmium	106-1	-1.60	-1.72	-1.03	-1.45		ppb
Cadmium	111-1	0.06	0.05	0.10	0.07	39.64	ppb
Calcium	43-1	507567.22	498316.15	495945.96	500609.78	1.23	ppb
Calcium	44-1	509779.76	496217.58	497120.98	501039.44	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.24	2.38	2.29	2.30	3.20	ppb
Cobalt	59-2	2.59	2.66	2.66	2.64	1.61	ppb
Copper	63-2	1.16	1.19	1.09	1.15	4.46	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				97		%
Holmium	165-2				96		%
Indium	115-1				86		%
Indium	115-2				87		%
Iron	56-2	249484.96	248842.18	250648.63	249658.59	0.37	ppb
Iron	57-2	249623.37	251632.16	248127.45	249794.32	0.70	ppb
Iron	54-2	249854.69	248852.40	249807.90	249505.00	0.23	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:46:12 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.45	0.45	0.41	0.44	4.97	ppb
Lead	207-1	0.46	0.49	0.42	0.45	7.71	ppb
Lead	208-1	0.45	0.46	0.42	0.45	4.31	ppb
Lithium	6-1				96		%
Magnesium	24-2	500711.96	501664.58	499403.63	500593.39	0.23	ppb
Manganese	55-2	4.84	5.06	5.07	4.99	2.62	ppb
Molybdenum	94-1	4.30	4.31	4.27	4.30	0.55	ppb
Molybdenum	95-1	1.12	1.18	1.17	1.16	2.68	ppb
Molybdenum	96-1	3.63	3.59	3.47	3.56	2.35	ppb
Molybdenum	97-1	1.21	1.17	1.18	1.19	2.10	ppb
Molybdenum	98-1	1.11	1.10	1.03	1.08	4.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.93	3.89	4.01	3.94	1.58	ppb
Phosphorus	31-2	-17.16	-16.69	-18.67	-17.51		ppb
Potassium	39-2	250691.26	249591.50	250628.21	250303.66	0.25	ppb
Rhodium	103-1				80		%
Rhodium	103-2				81		%
Scandium	45-1				85		%
Scandium	45-2				89		%
Selenium	82-1	1.28	1.16	0.73	1.06	27.79	ppb
Selenium	77-2	0.00	0.69	0.23	0.30	115.06	ppb
Selenium	78-2	-0.63	-1.74	-0.81	-1.06		ppb
Silicon	28-1	-17.58	-21.16	-22.62	-20.45		ppb
Silver	107-1	0.10	0.09	0.09	0.09	7.11	ppb
Silver	109-1	0.10	0.07	0.08	0.08	17.25	ppb
Sodium	23-2	500151.52	498957.76	501996.03	500368.44	0.31	ppb
Strontium	86-1	3.46	3.24	3.37	3.36	3.25	ppb
Strontium	88-1	3.37	3.31	3.33	3.33	0.90	ppb
Sulfur	34-1	-522.38	-556.39	-487.28	-522.02		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.06	0.05	0.05	0.05	5.75	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	9.62	ppb
Tin	118-1	0.17	0.15	0.15	0.16	6.65	ppb
Titanium	47-1	0.54	0.75	0.66	0.65	15.99	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:46:12 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	17.91	ppb
Vanadium	51-2	0.28	0.28	0.26	0.27	3.07	ppb
Yttrium	89-1				89		%
Yttrium	89-2				90		%
Zinc	66-2	3.85	3.95	4.43	4.08	7.56	ppb
Zirconium	90-1	1.76	1.77	1.76	1.76	0.40	ppb
Zirconium	91-1	1.80	1.76	1.73	1.76	2.04	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICV004 Instrumnet Name : P7
Client Sample ID : ICV004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:02:02 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	470.57	470.02	469.94	470.18	0.07	ppb
Antimony	121-1	207.67	205.45	209.94	207.69	1.08	ppb
Arsenic	75-2	209.22	208.09	209.25	208.85	0.31	ppb
Barium	135-1	98.40	99.53	100.36	99.43	0.99	ppb
Barium	137-1	99.23	99.72	100.85	99.93	0.83	ppb
Beryllium	9-1	105.39	105.12	104.50	105.00	0.43	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	157.28	150.69	153.61	153.86	2.15	ppb
Cadmium	106-1	158.09	158.01	164.42	160.17	2.30	ppb
Cadmium	111-1	104.68	105.53	107.57	105.92	1.40	ppb
Calcium	43-1	2227.57	2275.34	2274.60	2259.17	1.21	ppb
Calcium	44-1	2111.04	2150.06	2136.61	2132.57	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.75	103.21	104.89	103.95	0.83	ppb
Cobalt	59-2	104.02	104.06	104.28	104.12	0.14	ppb
Copper	63-2	104.02	104.15	103.92	104.03	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	2089.22	2073.91	2074.60	2079.24	0.42	ppb
Iron	57-2	2116.22	2092.89	2080.30	2096.47	0.87	ppb
Iron	54-2	2212.44	2208.83	2200.85	2207.37	0.27	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICV004 Instrumnet Name : P7
Client Sample ID : ICV004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:02:02 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	186.92	190.95	191.37	189.75	1.29	ppb
Lead	207-1	177.34	182.31	181.03	180.23	1.43	ppb
Lead	208-1	191.76	193.94	194.60	193.43	0.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	1100.53	1095.61	1103.11	1099.75	0.35	ppb
Manganese	55-2	100.84	100.34	101.13	100.77	0.40	ppb
Molybdenum	94-1	4882.17	4865.02	4864.63	4870.61	0.21	ppb
Molybdenum	95-1	4854.38	4832.81	4841.04	4842.74	0.22	ppb
Molybdenum	96-1	4888.22	4857.73	4821.24	4855.73	0.69	ppb
Molybdenum	97-1	4805.44	4805.92	4814.07	4808.48	0.10	ppb
Molybdenum	98-1	4854.46	4822.79	4852.56	4843.27	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.92	108.85	108.95	108.91	0.05	ppb
Phosphorus	31-2	-19.47	-20.96	-22.83	-21.09		ppb
Potassium	39-2	1988.90	1979.49	1981.69	1983.36	0.25	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	82-1	214.73	215.69	214.61	215.01	0.27	ppb
Selenium	77-2	222.38	224.62	211.01	219.34	3.33	ppb
Selenium	78-2	211.17	218.29	215.65	215.03	1.67	ppb
Silicon	28-1	448.13	460.27	456.72	455.04	1.37	ppb
Silver	107-1	49.99	49.86	50.29	50.05	0.44	ppb
Silver	109-1	49.77	49.52	49.85	49.71	0.35	ppb
Sodium	23-2	1949.49	1940.08	1940.56	1943.38	0.27	ppb
Strontium	86-1	482.78	479.60	481.27	481.22	0.33	ppb
Strontium	88-1	497.81	496.27	496.89	496.99	0.16	ppb
Sulfur	34-1	-980.52	-1011.14	-1037.85	-1009.84		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	203.25	206.17	202.84	204.09	0.89	ppb
Thallium	205-1	203.02	204.45	202.69	203.38	0.46	ppb
Tin	118-1	532.52	524.63	528.74	528.63	0.75	ppb
Titanium	47-1	4902.32	4881.73	4902.88	4895.65	0.25	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICV004 Instrumnet Name : P7
Client Sample ID : ICV004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:02:02 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	460.84	475.51	465.84	467.40	1.60	ppb
Vanadium	51-2	100.32	99.70	100.46	100.16	0.41	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%
Zinc	66-2	201.34	200.65	201.90	201.30	0.31	ppb
Zirconium	90-1	485.38	483.53	487.07	485.33	0.37	ppb
Zirconium	91-1	490.35	480.08	490.15	486.86	1.21	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICB004 Instrumnet Name : P7
Client Sample ID : ICB004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:09:02 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.05	0.03	-0.07		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	7.06	ppb
Arsenic	75-2	0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.02	0.01	0.01	0.01	37.26	ppb
Barium	137-1	0.02	0.02	0.00	0.01	66.48	ppb
Beryllium	9-1	0.28	0.03	0.03	0.11	127.15	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	-0.01	-0.05	-0.03		ppb
Cadmium	106-1	-2.50	-2.15	-1.93	-2.19		ppb
Cadmium	111-1	-0.05	-0.05	-0.04	-0.04		ppb
Calcium	43-1	32.72	-3.86	-1.30	9.19	222.30	ppb
Calcium	44-1	25.52	0.14	-0.51	8.38	177.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	209.94	ppb
Copper	63-2	-0.03	-0.01	0.02	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	0.16	0.26	0.11	0.18	44.85	ppb
Iron	57-2	-1.93	-1.91	-2.34	-2.06		ppb
Iron	54-2	-1.02	-0.74	-1.21	-0.99		ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICB004 Instrumnet Name : P7
Client Sample ID : ICB004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:09:02 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.02	0.02	0.03	42.13	ppb
Lead	207-1	0.03	0.03	0.03	0.03	5.45	ppb
Lead	208-1	0.04	0.02	0.03	0.03	21.59	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.16	0.32	0.37	0.28	37.49	ppb
Manganese	55-2	0.00	0.00	-0.02	-0.01		ppb
Molybdenum	94-1	0.23	0.03	0.03	0.10	115.31	ppb
Molybdenum	95-1	0.14	0.03	0.03	0.07	102.73	ppb
Molybdenum	96-1	0.13	0.01	0.02	0.05	117.01	ppb
Molybdenum	97-1	0.12	0.01	0.01	0.05	127.85	ppb
Molybdenum	98-1	0.09	0.02	0.02	0.04	95.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.10	-0.03	-0.07		ppb
Phosphorus	31-2	-19.40	-25.34	-18.63	-21.12		ppb
Potassium	39-2	-7.80	-4.87	-4.50	-5.72		ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	82-1	0.14	0.26	0.07	0.16	59.52	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.44	-1.10	-1.61	-1.38		ppb
Silicon	28-1	-23.18	-32.72	-27.78	-27.89		ppb
Silver	107-1	0.01	0.00	0.00	0.00	88.48	ppb
Silver	109-1	0.00	0.00	0.00	0.00	52.68	ppb
Sodium	23-2	13.06	12.64	12.26	12.65	3.18	ppb
Strontium	86-1	0.05	0.00	0.01	0.02	129.95	ppb
Strontium	88-1	0.02	0.00	0.00	0.01	134.42	ppb
Sulfur	34-1	-532.15	-672.92	-541.60	-582.22		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.02	0.01	33.51	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.42	ppb
Tin	118-1	0.06	0.04	0.02	0.04	55.89	ppb
Titanium	47-1	1.25	0.04	0.02	0.43	161.56	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICB004 Instrumnet Name : P7
Client Sample ID : ICB004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:09:02 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.00	0.00	0.02	168.18	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	139.64	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	0.01	0.13	0.04	0.06	99.51	ppb
Zirconium	90-1	0.03	0.00	0.01	0.01	104.64	ppb
Zirconium	91-1	0.03	0.01	0.01	0.01	92.06	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICSA004 Instrumnet Name : P7
Client Sample ID : ICSA004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:12:19 DataFile Name : 017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93732.59	92123.08	93035.96	92963.88	0.87	ppb
Antimony	121-1	1.14	1.21	1.10	1.15	4.76	ppb
Arsenic	75-2	0.34	0.35	0.33	0.34	2.49	ppb
Barium	135-1	1.48	1.49	1.50	1.49	0.77	ppb
Barium	137-1	1.44	1.54	1.43	1.47	4.12	ppb
Beryllium	9-1	0.32	0.31	0.30	0.31	2.62	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.52	8.56	8.45	8.84	6.66	ppb
Cadmium	106-1	-2.79	-2.92	-3.37	-3.02		ppb
Cadmium	111-1	0.30	0.34	0.24	0.29	16.07	ppb
Calcium	43-1	100971.33	109653.85	101880.16	104168.45	4.58	ppb
Calcium	44-1	101046.96	108669.72	99231.73	102982.80	4.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.11	20.70	20.95	20.92	0.99	ppb
Cobalt	59-2	1.28	1.34	1.32	1.31	2.25	ppb
Copper	63-2	7.84	7.88	8.08	7.93	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				88		%
Indium	115-2				91		%
Iron	56-2	106725.40	106632.60	107862.91	107073.64	0.64	ppb
Iron	57-2	105956.00	104697.16	106405.37	105686.18	0.84	ppb
Iron	54-2	107624.85	106349.59	107632.07	107202.17	0.69	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICSA004 Instrumnet Name : P7
Client Sample ID : ICSA004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:12:19 DataFile Name : 017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.23	5.20	4.92	5.12	3.40	ppb
Lead	207-1	4.80	4.70	4.48	4.66	3.43	ppb
Lead	208-1	4.92	4.93	4.57	4.81	4.31	ppb
Lithium	6-1				97		%
Magnesium	24-2	93588.54	93479.96	94414.47	93827.66	0.54	ppb
Manganese	55-2	8.09	8.08	8.08	8.08	0.06	ppb
Molybdenum	94-1	1669.56	1760.57	1668.94	1699.69	3.10	ppb
Molybdenum	95-1	2058.05	2178.71	2058.62	2098.46	3.31	ppb
Molybdenum	96-1	1996.80	2135.32	2017.70	2049.94	3.64	ppb
Molybdenum	97-1	2030.27	2171.75	2060.54	2087.52	3.57	ppb
Molybdenum	98-1	2054.47	2181.92	2030.58	2088.99	3.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.72	5.88	6.06	5.89	2.94	ppb
Phosphorus	31-2	104792.36	103869.59	104490.65	104384.20	0.45	ppb
Potassium	39-2	100005.26	100689.19	100902.38	100532.27	0.47	ppb
Rhodium	103-1				83		%
Rhodium	103-2				88		%
Scandium	45-1				83		%
Scandium	45-2				88		%
Selenium	82-1	0.34	0.72	-0.07	0.33	120.84	ppb
Selenium	77-2	0.00	0.45	0.22	0.22	100.27	ppb
Selenium	78-2	-1.13	-1.23	-1.34	-1.23		ppb
Silicon	28-1	-18.71	-7.00	-17.87	-14.53		ppb
Silver	107-1	0.02	0.03	0.02	0.02	17.39	ppb
Silver	109-1	0.02	0.03	0.03	0.03	16.22	ppb
Sodium	23-2	101450.32	101639.44	102265.41	101785.06	0.42	ppb
Strontium	86-1	35.35	37.70	35.43	36.16	3.69	ppb
Strontium	88-1	34.82	37.08	35.10	35.67	3.45	ppb
Sulfur	34-1	112467.10	119566.46	110141.02	114058.19	4.30	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.15	0.16	0.15	0.15	5.21	ppb
Thallium	205-1	0.14	0.16	0.15	0.15	6.75	ppb
Tin	118-1	0.39	0.44	0.36	0.40	10.20	ppb
Titanium	47-1	2112.89	2228.20	2101.92	2147.67	3.26	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICSA004 Instrumnet Name : P7
Client Sample ID : ICSA004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:12:19 DataFile Name : 017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	6.64	ppb
Vanadium	51-2	0.21	0.21	0.20	0.21	2.24	ppb
Yttrium	89-1				88		%
Yttrium	89-2				92		%
Zinc	66-2	11.39	11.73	11.66	11.59	1.51	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	12.50	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	12.47	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICSAB004 Instrumnet Name : P7
Client Sample ID : ICSAB004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:15:24 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91784.46	91178.87	91929.15	91630.83	0.43	ppb
Antimony	121-1	21.21	21.50	21.68	21.46	1.11	ppb
Arsenic	75-2	21.18	21.37	21.75	21.43	1.38	ppb
Barium	135-1	21.22	21.88	22.27	21.79	2.45	ppb
Barium	137-1	21.05	21.57	21.85	21.49	1.90	ppb
Beryllium	9-1	21.70	21.74	21.91	21.79	0.51	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.52	26.61	28.27	27.47	3.03	ppb
Cadmium	106-1	15.12	15.98	15.65	15.58	2.81	ppb
Cadmium	111-1	20.57	20.74	20.98	20.77	0.99	ppb
Calcium	43-1	99598.61	101651.14	101979.48	101076.41	1.28	ppb
Calcium	44-1	99456.65	99830.78	102299.92	100529.12	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.32	40.78	41.00	41.04	0.66	ppb
Cobalt	59-2	21.91	21.56	21.83	21.76	0.84	ppb
Copper	63-2	27.58	27.36	27.85	27.59	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	105215.37	103325.81	105299.84	104613.67	1.07	ppb
Iron	57-2	103178.50	103598.20	103566.88	103447.86	0.23	ppb
Iron	54-2	105067.41	103998.34	105381.37	104815.71	0.69	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICSAB004 Instrumnet Name : P7
Client Sample ID : ICSAB004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:15:24 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.09	24.20	24.42	24.24	0.70	ppb
Lead	207-1	22.80	22.94	23.17	22.97	0.80	ppb
Lead	208-1	23.30	23.17	23.57	23.34	0.87	ppb
Lithium	6-1				100		%
Magnesium	24-2	92418.71	91482.72	91749.52	91883.65	0.52	ppb
Manganese	55-2	27.87	27.40	27.80	27.69	0.91	ppb
Molybdenum	94-1	1634.89	1624.01	1659.92	1639.61	1.12	ppb
Molybdenum	95-1	1993.39	1997.35	2043.30	2011.35	1.38	ppb
Molybdenum	96-1	1959.12	1970.43	2002.83	1977.46	1.15	ppb
Molybdenum	97-1	1999.23	2007.32	2036.06	2014.21	0.96	ppb
Molybdenum	98-1	1992.09	2013.35	2039.71	2015.05	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.61	26.20	26.36	26.39	0.80	ppb
Phosphorus	31-2	103062.31	101778.72	102964.56	102601.86	0.70	ppb
Potassium	39-2	99767.60	98406.52	99221.79	99131.97	0.69	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				91		%
Selenium	82-1	20.52	21.34	21.80	21.22	3.06	ppb
Selenium	77-2	23.82	20.89	20.41	21.71	8.51	ppb
Selenium	78-2	20.65	19.90	20.90	20.48	2.53	ppb
Silicon	28-1	-13.03	-12.56	-7.72	-11.10		ppb
Silver	107-1	19.40	19.77	19.81	19.66	1.14	ppb
Silver	109-1	19.30	19.60	19.78	19.56	1.22	ppb
Sodium	23-2	99718.74	98945.21	99014.72	99226.22	0.43	ppb
Strontium	86-1	34.38	34.84	35.75	34.99	1.99	ppb
Strontium	88-1	34.27	34.56	35.07	34.63	1.16	ppb
Sulfur	34-1	107320.15	109447.95	112581.54	109783.21	2.41	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	19.62	19.75	20.12	19.83	1.31	ppb
Thallium	205-1	19.56	19.56	19.92	19.68	1.05	ppb
Tin	118-1	0.21	0.21	0.21	0.21	0.73	ppb
Titanium	47-1	2079.95	2069.85	2148.02	2099.27	2.03	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICSAB004 Instrumnet Name : P7
Client Sample ID : ICSAB004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:15:24 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	1.76	ppb
Vanadium	51-2	20.76	20.40	20.67	20.61	0.90	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	31.09	30.98	30.32	30.80	1.34	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	17.41	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	20.77	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV015 Instrumnet Name : P7
Client Sample ID : CCV015 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:39:53 DataFile Name : 021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49138.49	48626.89	49506.34	49090.57	0.90	ppb
Antimony	121-1	506.20	508.52	497.32	504.01	1.17	ppb
Arsenic	75-2	487.88	484.96	492.53	488.45	0.78	ppb
Barium	135-1	2551.78	2541.46	2538.40	2543.88	0.28	ppb
Barium	137-1	2522.03	2559.12	2518.64	2533.26	0.89	ppb
Beryllium	9-1	521.90	522.52	518.58	521.00	0.41	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	492.85	497.15	491.07	493.69	0.63	ppb
Cadmium	106-1	487.49	488.47	488.27	488.08	0.11	ppb
Cadmium	111-1	471.41	471.18	470.83	471.14	0.06	ppb
Calcium	43-1	240489.65	238835.92	233538.49	237621.36	1.53	ppb
Calcium	44-1	236735.52	239250.23	234503.38	236829.71	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.63	499.41	501.94	500.32	0.28	ppb
Cobalt	59-2	489.84	495.10	491.68	492.21	0.54	ppb
Copper	63-2	4767.74	4798.36	4702.65	4756.25	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	125627.27	124454.11	125114.75	125065.37	0.47	ppb
Iron	57-2	123485.64	123622.90	123252.31	123453.62	0.15	ppb
Iron	54-2	125833.35	125025.26	125404.96	125421.19	0.32	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV015 Instrumnet Name : P7
Client Sample ID : CCV015 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:39:53 DataFile Name : 021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2577.24	2574.24	2569.39	2573.62	0.15	ppb
Lead	207-1	2585.63	2582.80	2553.95	2574.13	0.68	ppb
Lead	208-1	2577.60	2580.75	2575.29	2577.88	0.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	245128.44	244110.00	244097.59	244445.35	0.24	ppb
Manganese	55-2	4976.16	4949.64	4986.34	4970.71	0.38	ppb
Molybdenum	94-1	5008.99	5061.79	5071.60	5047.46	0.67	ppb
Molybdenum	95-1	5070.81	5033.99	5098.99	5067.93	0.64	ppb
Molybdenum	96-1	5025.05	5026.83	5070.53	5040.80	0.51	ppb
Molybdenum	97-1	5032.66	5011.14	5037.89	5027.23	0.28	ppb
Molybdenum	98-1	5038.62	5046.86	5048.92	5044.80	0.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.67	483.77	475.88	480.44	0.85	ppb
Phosphorus	31-2	10109.72	10107.08	10170.09	10128.96	0.35	ppb
Potassium	39-2	120634.18	121442.90	120937.16	121004.74	0.34	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	82-1	474.27	468.40	478.26	473.64	1.05	ppb
Selenium	77-2	444.87	471.57	494.62	470.35	5.29	ppb
Selenium	78-2	484.10	468.25	490.46	480.94	2.38	ppb
Silicon	28-1	538.35	551.29	524.39	538.01	2.50	ppb
Silver	107-1	492.01	496.59	489.55	492.72	0.72	ppb
Silver	109-1	495.34	490.24	484.24	489.94	1.13	ppb
Sodium	23-2	244976.62	242417.45	243110.41	243501.49	0.54	ppb
Strontium	86-1	488.67	491.19	490.32	490.06	0.26	ppb
Strontium	88-1	503.89	505.02	507.19	505.37	0.33	ppb
Sulfur	34-1	9959.14	10105.07	9794.89	9953.03	1.56	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	523.25	521.73	520.38	521.79	0.28	ppb
Thallium	205-1	516.50	515.69	516.37	516.19	0.08	ppb
Tin	118-1	508.92	508.94	506.19	508.02	0.31	ppb
Titanium	47-1	5047.55	5106.79	4958.44	5037.59	1.48	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV015 Instrumnet Name : P7
Client Sample ID : CCV015 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:39:53 DataFile Name : 021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	527.64	523.70	527.02	526.12	0.40	ppb
Vanadium	51-2	506.90	502.58	510.21	506.56	0.76	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	4717.15	4731.89	4742.06	4730.36	0.26	ppb
Zirconium	90-1	504.97	507.60	508.82	507.13	0.39	ppb
Zirconium	91-1	508.68	507.50	508.45	508.21	0.12	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB015 Instrumnet Name : P7
Client Sample ID : CCB015 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:45:05 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.08	0.00	0.07	96.69	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	7.63	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.01	0.02	0.01	20.97	ppb
Barium	137-1	0.01	0.01	0.01	0.01	33.87	ppb
Beryllium	9-1	0.05	0.03	0.02	0.03	45.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.03	0.07	0.02	268.37	ppb
Cadmium	106-1	-3.91	-3.92	-3.03	-3.62		ppb
Cadmium	111-1	-0.08	-0.08	-0.06	-0.07		ppb
Calcium	43-1	-0.49	1.91	-2.61	-0.40		ppb
Calcium	44-1	0.61	0.84	0.95	0.80	21.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.05	0.02	0.03	72.97	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	0.04	0.01	0.02	121.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	0.64	1.67	0.90	1.07	50.05	ppb
Iron	57-2	-1.57	1.16	-0.17	-0.19		ppb
Iron	54-2	-0.59	1.43	0.56	0.47	215.49	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB015 Instrumnet Name : P7
Client Sample ID : CCB015 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:45:05 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.04	0.04	0.04	7.70	ppb
Lead	207-1	0.05	0.04	0.05	0.05	7.06	ppb
Lead	208-1	0.05	0.05	0.05	0.05	1.98	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.71	1.37	0.53	0.87	50.69	ppb
Manganese	55-2	0.06	0.08	0.05	0.06	23.81	ppb
Molybdenum	94-1	0.06	0.03	0.01	0.04	71.03	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	22.79	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	37.78	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	36.28	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.03	16.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.07	-0.06	-0.07		ppb
Phosphorus	31-2	-23.86	-15.56	-20.32	-19.91		ppb
Potassium	39-2	-10.81	17.84	-2.74	1.43	1033.46	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	0.05	-0.12	-0.19	-0.09		ppb
Selenium	77-2	0.00	0.25	0.00	0.08	173.21	ppb
Selenium	78-2	0.23	-0.60	-1.64	-0.67		ppb
Silicon	28-1	-28.21	-26.53	-27.65	-27.46		ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.91	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.43	ppb
Sodium	23-2	24.33	35.78	27.15	29.09	20.51	ppb
Strontium	86-1	0.00	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	95.82	ppb
Sulfur	34-1	-674.56	-583.51	-650.59	-636.22		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.04	0.03	0.04	6.09	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	1.09	ppb
Tin	118-1	0.03	0.06	0.02	0.04	63.54	ppb
Titanium	47-1	0.04	0.04	0.05	0.04	15.88	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB015 Instrumnet Name : P7
Client Sample ID : CCB015 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:45:05 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	34.53	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	0.07	0.18	0.27	0.18	58.27	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	9.83	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	66.67	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-01 Instrumnet Name : P7
Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:53:42 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.85	15.22	14.22	14.76	3.44	ppb
Antimony	121-1	0.71	0.81	0.79	0.77	7.11	ppb
Arsenic	75-2	0.76	0.87	0.77	0.80	7.86	ppb
Barium	135-1	3.41	3.88	3.76	3.68	6.64	ppb
Barium	137-1	3.42	3.75	3.72	3.63	5.00	ppb
Beryllium	9-1	0.69	0.87	0.85	0.80	12.64	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.58	0.83	0.92	0.78	22.57	ppb
Cadmium	106-1	-2.58	-1.70	-1.94	-2.07		ppb
Cadmium	111-1	0.65	0.75	0.73	0.71	7.47	ppb
Calcium	43-1	71.94	73.96	78.77	74.89	4.69	ppb
Calcium	44-1	69.39	75.79	78.77	74.65	6.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.76	0.75	0.78	0.76	2.30	ppb
Cobalt	59-2	0.83	0.78	0.81	0.80	2.70	ppb
Copper	63-2	1.68	1.69	1.57	1.65	3.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	42.34	41.67	42.36	42.12	0.93	ppb
Iron	57-2	39.69	36.59	40.95	39.08	5.74	ppb
Iron	54-2	43.36	44.05	41.54	42.98	3.01	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-01 Instrumnet Name : P7
Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:53:42 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.65	0.74	0.75	0.71	7.37	ppb
Lead	207-1	0.64	0.75	0.74	0.71	8.64	ppb
Lead	208-1	0.66	0.73	0.73	0.71	5.46	ppb
Lithium	6-1				105		%
Magnesium	24-2	76.00	76.36	74.73	75.70	1.13	ppb
Manganese	55-2	1.52	1.56	1.56	1.55	1.41	ppb
Molybdenum	94-1	1.77	1.92	1.92	1.87	4.57	ppb
Molybdenum	95-1	0.69	0.74	0.73	0.72	3.55	ppb
Molybdenum	96-1	0.82	0.84	0.86	0.84	2.84	ppb
Molybdenum	97-1	0.73	0.70	0.73	0.72	2.43	ppb
Molybdenum	98-1	0.70	0.72	0.74	0.72	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.80	0.79	0.80	0.89	ppb
Phosphorus	31-2	-1.80	-6.55	-9.82	-6.06		ppb
Potassium	39-2	37.55	36.30	36.08	36.64	2.16	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.54	1.05	0.48	0.69	45.39	ppb
Selenium	77-2	0.86	1.07	0.64	0.86	25.17	ppb
Selenium	78-2	-0.23	-0.89	-0.80	-0.64		ppb
Silicon	28-1	-37.64	-26.81	-24.62	-29.69		ppb
Silver	107-1	0.74	0.83	0.82	0.80	6.46	ppb
Silver	109-1	0.70	0.82	0.84	0.79	9.58	ppb
Sodium	23-2	91.87	92.03	91.91	91.94	0.09	ppb
Strontium	86-1	0.65	0.75	0.78	0.73	9.25	ppb
Strontium	88-1	0.70	0.76	0.75	0.74	4.82	ppb
Sulfur	34-1	-745.74	-427.82	-408.71	-527.42		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.70	0.73	0.76	0.73	3.89	ppb
Thallium	205-1	0.67	0.74	0.75	0.72	5.88	ppb
Tin	118-1	0.68	0.79	0.78	0.75	7.95	ppb
Titanium	47-1	0.68	0.87	0.81	0.79	12.17	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-01 Instrumnet Name : P7
Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:53:42 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.66	0.67	0.65	4.36	ppb
Vanadium	51-2	0.83	0.75	0.79	0.79	4.99	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	1.80	1.52	1.57	1.63	9.08	ppb
Zirconium	90-1	0.66	0.73	0.74	0.71	6.16	ppb
Zirconium	91-1	0.67	0.68	0.71	0.68	3.03	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-03 Instrumnet Name : P7
Client Sample ID : MDL-SOIL-03-QT4-2024 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:57:00 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.13	9.09	9.61	9.28	3.12	ppb
Antimony	121-1	0.43	0.43	0.42	0.43	1.20	ppb
Arsenic	75-2	0.44	0.32	0.39	0.38	16.85	ppb
Barium	135-1	2.01	2.15	1.95	2.04	4.97	ppb
Barium	137-1	2.00	2.02	1.99	2.00	0.66	ppb
Beryllium	9-1	0.45	0.42	0.43	0.44	3.61	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.40	0.39	0.44	0.41	6.89	ppb
Cadmium	106-1	-1.28	0.60	-1.66	-0.78		ppb
Cadmium	111-1	0.36	0.43	0.38	0.39	8.54	ppb
Calcium	43-1	231.82	233.99	227.14	230.98	1.52	ppb
Calcium	44-1	235.70	235.98	239.21	236.96	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.41	0.43	0.42	2.91	ppb
Cobalt	59-2	0.42	0.43	0.41	0.42	1.54	ppb
Copper	63-2	0.87	0.87	0.85	0.86	1.34	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				102		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	36.80	37.41	37.48	37.23	1.01	ppb
Iron	57-2	34.59	32.12	37.16	34.62	7.28	ppb
Iron	54-2	37.50	36.91	38.23	37.55	1.76	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-03 Instrumnet Name : P7
Client Sample ID : MDL-SOIL-03-QT4-2024 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:57:00 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.38	0.39	0.40	0.39	3.55	ppb
Lead	207-1	0.38	0.39	0.41	0.40	3.43	ppb
Lead	208-1	0.39	0.38	0.40	0.39	1.46	ppb
Lithium	6-1				102		%
Magnesium	24-2	225.24	225.07	224.97	225.09	0.06	ppb
Manganese	55-2	0.84	0.81	0.82	0.82	1.59	ppb
Molybdenum	94-1	1.08	1.04	0.98	1.04	4.68	ppb
Molybdenum	95-1	0.44	0.40	0.40	0.42	5.19	ppb
Molybdenum	96-1	0.42	0.45	0.43	0.43	3.96	ppb
Molybdenum	97-1	0.41	0.39	0.40	0.40	3.22	ppb
Molybdenum	98-1	0.41	0.40	0.40	0.40	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.38	0.44	0.38	15.61	ppb
Phosphorus	31-2	-12.29	-9.10	-9.85	-10.41		ppb
Potassium	39-2	147.07	149.19	151.77	149.34	1.58	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	6.03	6.04	5.54	5.87	4.88	ppb
Selenium	77-2	5.47	4.01	5.74	5.08	18.34	ppb
Selenium	78-2	5.35	5.08	4.48	4.97	9.04	ppb
Silicon	28-1	-25.61	-25.47	-24.12	-25.07		ppb
Silver	107-1	0.44	0.43	0.42	0.43	1.64	ppb
Silver	109-1	0.43	0.44	0.43	0.43	1.12	ppb
Sodium	23-2	238.16	240.43	241.52	240.04	0.71	ppb
Strontium	86-1	0.39	0.35	0.37	0.37	4.52	ppb
Strontium	88-1	0.39	0.39	0.39	0.39	0.20	ppb
Sulfur	34-1	-339.88	-331.58	-284.54	-318.67		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.39	0.38	0.40	0.39	2.70	ppb
Thallium	205-1	0.40	0.38	0.39	0.39	2.74	ppb
Tin	118-1	0.46	0.42	0.40	0.42	6.44	ppb
Titanium	47-1	0.50	0.42	0.39	0.44	12.38	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-03 Instrumnet Name : P7
Client Sample ID : MDL-SOIL-03-QT4-2024 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:57:00 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.35	0.36	0.35	1.09	ppb
Vanadium	51-2	0.43	0.47	0.41	0.44	6.86	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	0.85	0.95	1.07	0.96	11.44	ppb
Zirconium	90-1	0.38	0.38	0.39	0.38	1.60	ppb
Zirconium	91-1	0.41	0.37	0.40	0.40	5.65	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-07 Instrumnet Name : P7
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:00:16 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.73	15.30	15.21	15.42	1.81	ppb
Antimony	121-1	0.83	0.79	0.81	0.81	2.18	ppb
Arsenic	75-2	0.75	0.92	0.95	0.87	11.99	ppb
Barium	135-1	3.86	3.78	3.87	3.84	1.18	ppb
Barium	137-1	3.87	3.76	3.97	3.87	2.76	ppb
Beryllium	9-1	0.86	0.86	0.80	0.84	4.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.66	0.79	0.84	0.76	11.90	ppb
Cadmium	106-1	-0.35	-0.15	-0.32	-0.28		ppb
Cadmium	111-1	0.78	0.82	0.82	0.81	2.91	ppb
Calcium	43-1	81.87	69.50	79.96	77.11	8.64	ppb
Calcium	44-1	79.34	79.89	79.70	79.64	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.78	0.84	0.82	0.81	3.36	ppb
Cobalt	59-2	0.83	0.80	0.81	0.81	1.84	ppb
Copper	63-2	1.93	1.71	1.70	1.78	7.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	66.64	44.85	43.78	51.76	24.93	ppb
Iron	57-2	61.77	43.00	39.35	48.04	25.05	ppb
Iron	54-2	59.83	44.42	46.17	50.14	16.82	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-07 Instrumnet Name : P7
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:00:16 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.74	0.70	0.73	0.72	2.82	ppb
Lead	207-1	0.78	0.70	0.75	0.74	5.24	ppb
Lead	208-1	0.77	0.71	0.73	0.73	4.04	ppb
Lithium	6-1				101		%
Magnesium	24-2	76.94	78.31	77.90	77.71	0.91	ppb
Manganese	55-2	2.27	1.60	1.65	1.84	20.38	ppb
Molybdenum	94-1	2.00	1.94	1.92	1.95	2.17	ppb
Molybdenum	95-1	0.78	0.75	0.74	0.76	2.51	ppb
Molybdenum	96-1	0.91	0.83	0.87	0.87	5.07	ppb
Molybdenum	97-1	0.78	0.73	0.74	0.75	3.35	ppb
Molybdenum	98-1	0.79	0.74	0.74	0.76	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.75	0.73	0.75	2.71	ppb
Phosphorus	31-2	-4.75	-4.97	2.05	-2.55		ppb
Potassium	39-2	38.10	42.58	43.27	41.31	6.80	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	0.96	0.36	0.70	0.67	44.19	ppb
Selenium	77-2	1.28	0.67	0.44	0.80	54.33	ppb
Selenium	78-2	0.28	-0.01	-0.32	-0.02		ppb
Silicon	28-1	-22.36	-18.48	-17.09	-19.31		ppb
Silver	107-1	0.84	0.82	0.85	0.84	1.78	ppb
Silver	109-1	0.85	0.81	0.83	0.83	2.36	ppb
Sodium	23-2	94.44	92.94	92.70	93.36	1.01	ppb
Strontium	86-1	0.77	0.83	0.77	0.79	4.67	ppb
Strontium	88-1	0.76	0.75	0.78	0.76	1.81	ppb
Sulfur	34-1	-362.81	-271.59	-257.44	-297.28		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.75	0.75	0.70	0.73	3.34	ppb
Thallium	205-1	0.72	0.71	0.72	0.72	0.82	ppb
Tin	118-1	0.76	0.76	0.79	0.77	2.02	ppb
Titanium	47-1	0.82	0.87	0.83	0.84	3.28	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-07 Instrumnet Name : P7
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:00:16 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.66	0.67	0.67	0.88	ppb
Vanadium	51-2	0.80	0.84	0.82	0.82	2.56	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	4.58	4.31	4.05	4.31	6.20	ppb
Zirconium	90-1	0.76	0.73	0.74	0.74	2.27	ppb
Zirconium	91-1	0.75	0.76	0.74	0.75	1.62	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-09 Instrumnet Name : P7
Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:03:35 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.26	8.66	8.79	8.90	3.54	ppb
Antimony	121-1	0.43	0.44	0.45	0.44	3.29	ppb
Arsenic	75-2	0.49	0.34	0.49	0.44	20.06	ppb
Barium	135-1	2.06	1.94	1.97	1.99	3.06	ppb
Barium	137-1	1.95	2.05	2.08	2.03	3.28	ppb
Beryllium	9-1	0.48	0.40	0.48	0.46	9.93	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.30	0.41	0.26	0.32	22.43	ppb
Cadmium	106-1	-1.44	-2.14	-2.21	-1.93		ppb
Cadmium	111-1	0.45	0.39	0.41	0.41	6.92	ppb
Calcium	43-1	226.06	256.16	236.88	239.70	6.36	ppb
Calcium	44-1	237.68	236.93	230.26	234.96	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.43	0.38	0.40	7.28	ppb
Cobalt	59-2	0.42	0.42	0.40	0.41	2.71	ppb
Copper	63-2	0.85	0.87	0.84	0.85	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	36.93	37.00	36.85	36.93	0.20	ppb
Iron	57-2	35.43	35.59	37.11	36.04	2.57	ppb
Iron	54-2	37.50	38.33	37.54	37.79	1.24	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-09 Instrumnet Name : P7
Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:03:35 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.37	0.37	0.36	0.37	1.50	ppb
Lead	207-1	0.39	0.42	0.39	0.40	4.23	ppb
Lead	208-1	0.38	0.40	0.37	0.38	3.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	221.42	228.19	227.74	225.78	1.68	ppb
Manganese	55-2	0.87	0.85	0.81	0.85	3.81	ppb
Molybdenum	94-1	1.04	1.03	1.05	1.04	1.09	ppb
Molybdenum	95-1	0.38	0.36	0.43	0.39	8.83	ppb
Molybdenum	96-1	0.45	0.48	0.49	0.47	5.10	ppb
Molybdenum	97-1	0.38	0.35	0.40	0.38	6.48	ppb
Molybdenum	98-1	0.39	0.37	0.40	0.39	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.41	0.41	0.37	19.65	ppb
Phosphorus	31-2	-13.20	-19.86	-21.72	-18.26		ppb
Potassium	39-2	148.42	150.12	147.57	148.70	0.87	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	5.85	5.71	5.82	5.79	1.21	ppb
Selenium	77-2	8.02	8.45	5.66	7.38	20.37	ppb
Selenium	78-2	5.58	4.77	6.18	5.51	12.81	ppb
Silicon	28-1	-14.90	-17.18	-17.27	-16.45		ppb
Silver	107-1	0.44	0.45	0.46	0.45	1.85	ppb
Silver	109-1	0.44	0.44	0.46	0.44	2.02	ppb
Sodium	23-2	236.04	237.20	235.77	236.34	0.32	ppb
Strontium	86-1	0.37	0.38	0.38	0.38	1.52	ppb
Strontium	88-1	0.39	0.38	0.39	0.39	1.35	ppb
Sulfur	34-1	-402.55	-384.84	-421.10	-402.83		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.39	0.40	0.39	0.39	1.65	ppb
Thallium	205-1	0.38	0.39	0.38	0.38	1.94	ppb
Tin	118-1	0.45	0.44	0.44	0.44	1.29	ppb
Titanium	47-1	0.51	0.44	0.50	0.48	7.96	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-09 Instrumnet Name : P7
Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:03:35 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.35	0.34	0.35	2.41	ppb
Vanadium	51-2	0.41	0.43	0.42	0.42	2.16	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.89	1.01	0.88	0.93	7.43	ppb
Zirconium	90-1	0.37	0.37	0.37	0.37	1.14	ppb
Zirconium	91-1	0.37	0.42	0.38	0.39	7.32	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-10 Instrumnet Name : P7
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:06:53 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.87	15.06	13.99	14.64	3.88	ppb
Antimony	121-1	0.80	0.76	0.80	0.78	3.18	ppb
Arsenic	75-2	0.68	0.72	0.98	0.79	20.62	ppb
Barium	135-1	3.74	3.73	3.72	3.73	0.28	ppb
Barium	137-1	3.80	3.68	3.78	3.75	1.75	ppb
Beryllium	9-1	0.85	0.84	0.76	0.82	5.90	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.67	1.12	0.87	0.89	25.39	ppb
Cadmium	106-1	-0.56	-2.15	-0.34	-1.02		ppb
Cadmium	111-1	0.82	0.68	0.86	0.78	12.07	ppb
Calcium	43-1	83.64	83.29	77.54	81.49	4.20	ppb
Calcium	44-1	77.44	76.85	76.55	76.95	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.71	0.79	0.70	0.73	6.11	ppb
Cobalt	59-2	0.80	0.78	0.77	0.78	1.78	ppb
Copper	63-2	1.55	1.56	1.57	1.56	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	40.41	40.70	40.75	40.62	0.45	ppb
Iron	57-2	37.35	39.40	38.66	38.47	2.70	ppb
Iron	54-2	42.11	41.15	41.17	41.47	1.32	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-10 Instrumnet Name : P7
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:06:53 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.69	0.69	0.71	0.70	1.97	ppb
Lead	207-1	0.69	0.72	0.71	0.71	2.16	ppb
Lead	208-1	0.69	0.70	0.70	0.70	1.15	ppb
Lithium	6-1				100		%
Magnesium	24-2	73.20	72.46	72.83	72.83	0.51	ppb
Manganese	55-2	1.53	1.48	1.54	1.52	2.09	ppb
Molybdenum	94-1	1.87	1.86	1.93	1.89	1.97	ppb
Molybdenum	95-1	0.75	0.73	0.77	0.75	2.65	ppb
Molybdenum	96-1	0.84	0.80	0.81	0.82	2.76	ppb
Molybdenum	97-1	0.70	0.68	0.69	0.69	1.99	ppb
Molybdenum	98-1	0.72	0.69	0.71	0.71	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.63	0.77	0.73	12.14	ppb
Phosphorus	31-2	-12.74	-13.97	-5.20	-10.64		ppb
Potassium	39-2	35.89	35.66	35.39	35.64	0.71	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	0.76	0.43	1.29	0.83	52.23	ppb
Selenium	77-2	0.42	1.47	2.30	1.40	67.30	ppb
Selenium	78-2	1.41	-0.89	0.01	0.17	661.99	ppb
Silicon	28-1	-14.27	-14.11	-14.14	-14.17		ppb
Silver	107-1	0.84	0.81	0.85	0.83	2.50	ppb
Silver	109-1	0.82	0.79	0.84	0.82	3.01	ppb
Sodium	23-2	84.37	84.20	83.56	84.04	0.51	ppb
Strontium	86-1	0.77	0.72	0.67	0.72	7.09	ppb
Strontium	88-1	0.73	0.72	0.74	0.73	0.92	ppb
Sulfur	34-1	-403.43	-437.66	-423.49	-421.53		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.67	0.70	0.71	0.69	3.33	ppb
Thallium	205-1	0.69	0.69	0.69	0.69	0.34	ppb
Tin	118-1	0.73	0.80	0.80	0.78	5.46	ppb
Titanium	47-1	0.75	0.83	0.77	0.78	5.25	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-10 Instrumnet Name : P7
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:06:53 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.63	0.65	0.63	0.64	1.51	ppb
Vanadium	51-2	0.79	0.77	0.72	0.76	4.52	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	1.60	1.62	1.86	1.69	8.39	ppb
Zirconium	90-1	0.71	0.69	0.71	0.70	1.16	ppb
Zirconium	91-1	0.75	0.74	0.74	0.74	0.75	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-12 Instrumnet Name : P7
Client Sample ID : MDL-WATER-06-QT4-20 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:10:12 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.23	8.28	8.49	8.34	1.62	ppb
Antimony	121-1	0.42	0.42	0.41	0.42	1.00	ppb
Arsenic	75-2	0.41	0.30	0.41	0.37	17.53	ppb
Barium	135-1	1.97	2.08	2.07	2.04	2.88	ppb
Barium	137-1	2.09	2.03	2.04	2.05	1.47	ppb
Beryllium	9-1	0.46	0.41	0.37	0.41	10.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.36	0.38	0.41	16.10	ppb
Cadmium	106-1	-0.57	-0.93	-2.43	-1.31		ppb
Cadmium	111-1	0.35	0.42	0.41	0.39	9.37	ppb
Calcium	43-1	247.68	227.02	239.57	238.09	4.37	ppb
Calcium	44-1	232.27	237.59	234.78	234.88	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.47	0.42	0.43	8.06	ppb
Cobalt	59-2	0.39	0.43	0.42	0.41	5.73	ppb
Copper	63-2	0.84	0.85	0.85	0.85	0.45	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				102		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	36.64	36.67	36.68	36.66	0.06	ppb
Iron	57-2	35.62	33.41	38.71	35.91	7.42	ppb
Iron	54-2	36.03	35.29	36.47	35.93	1.67	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-12 Instrumnet Name : P7
Client Sample ID : MDL-WATER-06-QT4-20 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:10:12 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.37	0.36	0.37	0.37	2.40	ppb
Lead	207-1	0.38	0.38	0.38	0.38	0.56	ppb
Lead	208-1	0.38	0.38	0.38	0.38	0.18	ppb
Lithium	6-1				102		%
Magnesium	24-2	223.98	223.59	225.30	224.29	0.40	ppb
Manganese	55-2	0.76	0.77	0.77	0.77	1.25	ppb
Molybdenum	94-1	1.04	1.04	1.00	1.03	2.71	ppb
Molybdenum	95-1	0.40	0.38	0.40	0.39	2.49	ppb
Molybdenum	96-1	0.46	0.45	0.47	0.46	2.25	ppb
Molybdenum	97-1	0.38	0.40	0.38	0.38	2.51	ppb
Molybdenum	98-1	0.41	0.38	0.38	0.39	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.44	0.43	0.44	2.88	ppb
Phosphorus	31-2	-12.66	-9.41	-12.57	-11.55		ppb
Potassium	39-2	147.31	149.09	146.69	147.69	0.84	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	6.60	5.63	5.94	6.05	8.24	ppb
Selenium	77-2	6.59	4.71	4.57	5.29	21.27	ppb
Selenium	78-2	4.26	3.77	6.80	4.94	32.96	ppb
Silicon	28-1	-19.61	-15.27	-17.65	-17.51		ppb
Silver	107-1	0.45	0.44	0.44	0.44	0.61	ppb
Silver	109-1	0.45	0.44	0.45	0.45	1.18	ppb
Sodium	23-2	230.86	232.27	231.60	231.58	0.30	ppb
Strontium	86-1	0.37	0.41	0.41	0.39	5.88	ppb
Strontium	88-1	0.38	0.40	0.39	0.39	2.15	ppb
Sulfur	34-1	-485.38	-434.07	-423.74	-447.73		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.40	0.39	0.38	0.39	2.57	ppb
Thallium	205-1	0.38	0.38	0.37	0.38	2.21	ppb
Tin	118-1	0.50	0.44	0.42	0.45	8.74	ppb
Titanium	47-1	0.43	0.40	0.40	0.41	3.54	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-12 Instrumnet Name : P7
Client Sample ID : MDL-WATER-06-QT4-20 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:10:12 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.35	0.34	0.35	0.94	ppb
Vanadium	51-2	0.41	0.44	0.40	0.42	5.22	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	0.87	1.05	0.84	0.92	12.18	ppb
Zirconium	90-1	0.38	0.39	0.37	0.38	2.52	ppb
Zirconium	91-1	0.34	0.36	0.39	0.36	6.75	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4776-02 Instrumnet Name : P7
Client Sample ID : MDL-WATER-QT4-2024- Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:13:28 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.64	8.34	8.53	8.50	1.79	ppb
Antimony	121-1	0.42	0.42	0.43	0.42	1.00	ppb
Arsenic	75-2	0.40	0.45	0.47	0.44	8.32	ppb
Barium	135-1	2.02	2.09	2.02	2.04	2.12	ppb
Barium	137-1	2.04	2.00	2.07	2.04	1.63	ppb
Beryllium	9-1	0.45	0.42	0.46	0.44	5.02	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.36	0.40	0.42	0.39	8.04	ppb
Cadmium	106-1	-0.02	-0.42	-1.24	-0.56		ppb
Cadmium	111-1	0.39	0.41	0.39	0.39	2.54	ppb
Calcium	43-1	238.72	229.18	223.75	230.55	3.29	ppb
Calcium	44-1	237.35	235.26	237.08	236.56	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.43	0.42	0.43	3.79	ppb
Cobalt	59-2	0.44	0.42	0.40	0.42	4.11	ppb
Copper	63-2	1.51	1.46	1.36	1.44	5.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	38.89	37.20	36.83	37.64	2.92	ppb
Iron	57-2	37.69	36.03	37.25	36.99	2.33	ppb
Iron	54-2	39.77	37.14	37.39	38.10	3.81	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4776-02 Instrumnet Name : P7
Client Sample ID : MDL-WATER-QT4-2024- Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:13:28 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.39	0.39	0.38	0.39	1.19	ppb
Lead	207-1	0.40	0.43	0.42	0.42	2.96	ppb
Lead	208-1	0.39	0.39	0.40	0.39	1.24	ppb
Lithium	6-1				102		%
Magnesium	24-2	232.93	222.21	225.95	227.03	2.40	ppb
Manganese	55-2	0.84	0.83	0.80	0.82	2.41	ppb
Molybdenum	94-1	0.98	0.97	1.08	1.01	5.71	ppb
Molybdenum	95-1	0.35	0.37	0.38	0.37	4.45	ppb
Molybdenum	96-1	0.44	0.47	0.46	0.46	2.99	ppb
Molybdenum	97-1	0.40	0.38	0.39	0.39	2.26	ppb
Molybdenum	98-1	0.40	0.39	0.40	0.40	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.71	0.49	0.66	21.98	ppb
Phosphorus	31-2	-13.10	-13.79	-13.91	-13.60		ppb
Potassium	39-2	159.45	149.73	149.90	153.03	3.64	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	6.37	5.93	6.45	6.25	4.52	ppb
Selenium	77-2	5.30	7.07	7.86	6.74	19.46	ppb
Selenium	78-2	7.98	4.06	4.01	5.35	42.61	ppb
Silicon	28-1	-16.40	-16.27	-16.05	-16.24		ppb
Silver	107-1	0.45	0.44	0.43	0.44	2.60	ppb
Silver	109-1	0.44	0.45	0.45	0.45	1.19	ppb
Sodium	23-2	246.01	232.49	233.62	237.37	3.16	ppb
Strontium	86-1	0.39	0.41	0.39	0.40	3.46	ppb
Strontium	88-1	0.40	0.40	0.41	0.40	0.72	ppb
Sulfur	34-1	-348.56	-378.71	-304.66	-343.97		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.41	0.37	0.38	0.39	4.94	ppb
Thallium	205-1	0.38	0.38	0.38	0.38	0.04	ppb
Tin	118-1	0.46	0.45	0.49	0.47	4.56	ppb
Titanium	47-1	0.42	0.38	0.41	0.40	5.84	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4776-02 Instrumnet Name : P7
Client Sample ID : MDL-WATER-QT4-2024- Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:13:28 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.34	0.36	0.34	0.35	2.48	ppb
Vanadium	51-2	0.41	0.41	0.42	0.41	1.24	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	1.16	1.08	1.09	1.11	3.52	ppb
Zirconium	90-1	0.38	0.38	0.38	0.38	0.46	ppb
Zirconium	91-1	0.40	0.39	0.46	0.41	9.16	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4776-04 Instrumnet Name : P7
Client Sample ID : MDL-SOIL-QT4-2024-08 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:16:47 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.87	8.58	8.31	8.25	4.32	ppb
Antimony	121-1	0.43	0.43	0.43	0.43	0.52	ppb
Arsenic	75-2	0.43	0.38	0.43	0.41	6.97	ppb
Barium	135-1	2.07	2.02	2.04	2.05	1.18	ppb
Barium	137-1	1.99	1.99	2.04	2.01	1.32	ppb
Beryllium	9-1	0.41	0.49	0.43	0.44	9.07	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.34	0.44	0.38	14.69	ppb
Cadmium	106-1	-1.06	-0.82	-0.61	-0.83		ppb
Cadmium	111-1	0.41	0.41	0.43	0.42	2.52	ppb
Calcium	43-1	236.54	233.62	238.43	236.20	1.03	ppb
Calcium	44-1	231.71	239.74	238.08	236.51	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.42	0.44	0.42	2.69	ppb
Cobalt	59-2	0.42	0.44	0.43	0.43	2.39	ppb
Copper	63-2	4.21	4.10	4.13	4.15	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	37.47	37.59	37.39	37.48	0.26	ppb
Iron	57-2	34.28	38.04	38.86	37.06	6.58	ppb
Iron	54-2	37.94	37.57	37.14	37.55	1.07	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4776-04 Instrumnet Name : P7
Client Sample ID : MDL-SOIL-QT4-2024-08 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:16:47 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.44	0.46	0.47	0.46	3.28	ppb
Lead	207-1	0.46	0.46	0.47	0.46	1.10	ppb
Lead	208-1	0.46	0.46	0.46	0.46	0.22	ppb
Lithium	6-1				102		%
Magnesium	24-2	225.80	228.67	225.72	226.73	0.74	ppb
Manganese	55-2	0.85	0.83	0.80	0.82	2.97	ppb
Molybdenum	94-1	0.98	1.01	0.99	1.00	1.69	ppb
Molybdenum	95-1	0.40	0.41	0.37	0.39	4.92	ppb
Molybdenum	96-1	0.43	0.43	0.48	0.45	6.04	ppb
Molybdenum	97-1	0.41	0.39	0.38	0.39	3.79	ppb
Molybdenum	98-1	0.42	0.39	0.43	0.41	4.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.75	1.84	1.75	1.78	3.14	ppb
Phosphorus	31-2	-9.24	-13.71	-8.19	-10.38		ppb
Potassium	39-2	152.86	155.01	154.41	154.09	0.72	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	6.48	6.34	6.25	6.36	1.77	ppb
Selenium	77-2	7.13	5.52	5.20	5.95	17.40	ppb
Selenium	78-2	5.84	5.52	5.32	5.56	4.69	ppb
Silicon	28-1	-21.55	-15.83	-14.48	-17.29		ppb
Silver	107-1	0.45	0.44	0.44	0.44	1.65	ppb
Silver	109-1	0.43	0.47	0.45	0.45	4.39	ppb
Sodium	23-2	236.11	234.77	233.17	234.68	0.63	ppb
Strontium	86-1	0.42	0.38	0.37	0.39	5.84	ppb
Strontium	88-1	0.38	0.40	0.40	0.40	2.42	ppb
Sulfur	34-1	-443.38	-228.68	-166.23	-279.43		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.37	0.38	0.41	0.39	5.47	ppb
Thallium	205-1	0.39	0.39	0.38	0.39	1.21	ppb
Tin	118-1	0.47	0.51	0.50	0.49	3.62	ppb
Titanium	47-1	0.45	0.45	0.48	0.46	3.96	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4776-04 Instrumnet Name : P7
Client Sample ID : MDL-SOIL-QT4-2024-08 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:16:47 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.34	0.35	0.35	0.35	0.93	ppb
Vanadium	51-2	0.43	0.43	0.38	0.42	6.66	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1.99	1.84	2.04	1.96	5.37	ppb
Zirconium	90-1	0.39	0.40	0.39	0.39	1.06	ppb
Zirconium	91-1	0.37	0.42	0.39	0.39	6.78	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166507BL Instrumnet Name : P7
Client Sample ID : PBW507 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:20:04 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.11	0.00	0.01	1737.45	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	40.41	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	417.02	ppb
Barium	135-1	0.00	0.00	0.00	0.00	1135.10	ppb
Barium	137-1	0.01	0.00	0.00	0.00	589.90	ppb
Beryllium	9-1	0.01	-0.02	0.04	0.01	265.45	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.03	0.01	0.00		ppb
Cadmium	106-1	0.06	-1.31	-1.76	-1.00		ppb
Cadmium	111-1	0.00	-0.02	-0.04	-0.02		ppb
Calcium	43-1	2.24	-2.69	-0.21	-0.22		ppb
Calcium	44-1	-0.66	-0.07	0.16	-0.19		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	-0.03		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.01	-0.04	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	-0.01	0.00	0.07	0.02	207.70	ppb
Iron	57-2	-2.04	-1.05	0.27	-0.94		ppb
Iron	54-2	0.29	-0.52	-0.16	-0.13		ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166507BL Instrumnet Name : P7
Client Sample ID : PBW507 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:20:04 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.01	0.01	88.92	ppb
Lead	207-1	0.02	0.01	0.01	0.01	36.36	ppb
Lead	208-1	0.01	0.01	0.01	0.01	36.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.22	0.34	0.63	0.39	53.50	ppb
Manganese	55-2	-0.01	-0.01	0.02	0.00		ppb
Molybdenum	94-1	0.00	0.02	0.00	0.00	280.05	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	4466.68	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.06	-0.10	-0.05		ppb
Phosphorus	31-2	-24.17	-27.29	-23.31	-24.92		ppb
Potassium	39-2	0.99	-0.95	1.83	0.62	228.87	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	-0.40	0.18	-0.10	-0.11		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.10	-0.40	-1.69	-1.06		ppb
Silicon	28-1	-13.37	-15.62	-15.16	-14.72		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	493.20	ppb
Sodium	23-2	5.89	6.40	6.26	6.18	4.28	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	99.05	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	109.08	ppb
Sulfur	34-1	-153.16	-244.88	-241.32	-213.12		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	21.20	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	19.90	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	694.74	ppb
Titanium	47-1	0.02	0.03	0.02	0.02	41.89	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166507BL Instrumnet Name : P7
Client Sample ID : PBW507 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:20:04 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	56.22	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	0.11	0.13	0.12	0.12	7.51	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	80.32	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	223.96	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV016 Instrumnet Name : P7
Client Sample ID : CCV016 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:26:13 DataFile Name : 033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49714.58	49123.41	48737.11	49191.70	1.00	ppb
Antimony	121-1	515.36	508.27	516.85	513.49	0.89	ppb
Arsenic	75-2	497.31	495.81	496.37	496.50	0.15	ppb
Barium	135-1	2591.11	2604.32	2606.99	2600.81	0.33	ppb
Barium	137-1	2588.75	2621.83	2616.34	2608.98	0.68	ppb
Beryllium	9-1	530.20	520.75	523.92	524.96	0.92	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	506.70	501.21	514.79	507.57	1.35	ppb
Cadmium	106-1	516.22	503.58	505.31	508.37	1.35	ppb
Cadmium	111-1	484.95	477.89	488.49	483.78	1.12	ppb
Calcium	43-1	241418.60	240524.73	243747.69	241897.01	0.69	ppb
Calcium	44-1	240728.52	238277.96	243078.46	240694.98	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.24	501.73	500.35	503.44	0.84	ppb
Cobalt	59-2	500.91	491.17	493.05	495.04	1.04	ppb
Copper	63-2	4882.27	4772.92	4810.44	4821.88	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				97		%
Holmium	165-2				98		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	127642.36	124564.34	125675.57	125960.76	1.24	ppb
Iron	57-2	125509.13	123065.61	123811.77	124128.84	1.01	ppb
Iron	54-2	126147.86	125676.93	126021.26	125948.68	0.19	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV016 Instrumnet Name : P7
Client Sample ID : CCV016 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:26:13 DataFile Name : 033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2620.20	2551.49	2616.18	2595.96	1.49	ppb
Lead	207-1	2611.86	2553.62	2620.74	2595.41	1.40	ppb
Lead	208-1	2609.36	2565.82	2612.08	2595.75	1.00	ppb
Lithium	6-1				99		%
Magnesium	24-2	249068.98	245581.73	243558.32	246069.68	1.13	ppb
Manganese	55-2	5023.76	4944.14	5039.26	5002.39	1.02	ppb
Molybdenum	94-1	5194.28	5126.44	5162.37	5161.03	0.66	ppb
Molybdenum	95-1	5202.52	5147.57	5168.72	5172.94	0.54	ppb
Molybdenum	96-1	5237.52	5182.05	5146.81	5188.79	0.88	ppb
Molybdenum	97-1	5199.05	5171.75	5082.99	5151.26	1.18	ppb
Molybdenum	98-1	5215.62	5164.23	5134.71	5171.52	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.34	483.66	483.25	486.08	0.94	ppb
Phosphorus	31-2	10320.27	10132.51	10119.48	10190.75	1.10	ppb
Potassium	39-2	122273.95	121077.95	120569.27	121307.06	0.72	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				88		%
Selenium	82-1	487.50	490.45	488.06	488.67	0.32	ppb
Selenium	77-2	474.47	472.56	496.99	481.34	2.82	ppb
Selenium	78-2	485.68	484.40	476.31	482.13	1.05	ppb
Silicon	28-1	545.86	544.89	558.52	549.76	1.38	ppb
Silver	107-1	505.71	493.71	503.96	501.13	1.29	ppb
Silver	109-1	509.82	501.52	500.35	503.90	1.02	ppb
Sodium	23-2	248496.70	241069.92	244210.25	244592.29	1.52	ppb
Strontium	86-1	503.80	501.96	502.55	502.77	0.19	ppb
Strontium	88-1	516.04	515.78	517.86	516.56	0.22	ppb
Sulfur	34-1	10538.05	10267.22	10389.93	10398.40	1.30	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	522.70	517.76	534.24	524.90	1.61	ppb
Thallium	205-1	520.98	508.43	527.82	519.08	1.89	ppb
Tin	118-1	515.25	513.13	523.34	517.24	1.04	ppb
Titanium	47-1	5174.59	5092.99	5151.88	5139.82	0.82	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV016 Instrumnet Name : P7
Client Sample ID : CCV016 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:26:13 DataFile Name : 033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	532.97	529.57	535.97	532.84	0.60	ppb
Vanadium	51-2	515.24	503.71	510.68	509.88	1.14	ppb
Yttrium	89-1				89		%
Yttrium	89-2				89		%
Zinc	66-2	4864.88	4698.21	4750.20	4771.10	1.79	ppb
Zirconium	90-1	519.26	519.47	516.30	518.35	0.34	ppb
Zirconium	91-1	522.23	514.90	516.57	517.90	0.74	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB016 Instrumnet Name : P7
Client Sample ID : CCB016 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:28:59 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.79	4.94	4.83	4.86	1.60	ppb
Antimony	121-1	0.08	0.07	0.08	0.08	11.70	ppb
Arsenic	75-2	0.05	0.04	0.08	0.06	39.98	ppb
Barium	135-1	0.18	0.14	0.20	0.17	18.27	ppb
Barium	137-1	0.17	0.19	0.17	0.18	6.24	ppb
Beryllium	9-1	0.09	0.12	0.11	0.11	13.68	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	-0.01	0.01	0.03	161.10	ppb
Cadmium	106-1	-2.84	-3.27	-4.32	-3.48		ppb
Cadmium	111-1	-0.03	-0.02	-0.04	-0.03		ppb
Calcium	43-1	17.27	19.20	17.76	18.07	5.55	ppb
Calcium	44-1	18.01	17.85	19.46	18.44	4.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.06	0.05	0.05	14.27	ppb
Cobalt	59-2	0.03	0.06	0.05	0.05	25.44	ppb
Copper	63-2	0.49	0.49	0.52	0.50	2.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	12.12	12.74	13.63	12.83	5.93	ppb
Iron	57-2	11.58	10.61	9.69	10.63	8.92	ppb
Iron	54-2	12.21	12.85	13.29	12.78	4.24	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB016 Instrumnet Name : P7
Client Sample ID : CCB016 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:28:59 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.24	0.22	0.21	0.22	8.01	ppb
Lead	207-1	0.23	0.22	0.24	0.23	5.51	ppb
Lead	208-1	0.24	0.22	0.22	0.22	4.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	23.07	24.69	24.18	23.98	3.45	ppb
Manganese	55-2	0.59	0.57	0.60	0.59	1.99	ppb
Molybdenum	94-1	0.40	0.40	0.44	0.41	6.48	ppb
Molybdenum	95-1	0.42	0.46	0.42	0.43	5.74	ppb
Molybdenum	96-1	0.38	0.42	0.38	0.39	5.54	ppb
Molybdenum	97-1	0.43	0.36	0.41	0.40	8.80	ppb
Molybdenum	98-1	0.40	0.40	0.43	0.41	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	-0.03	-0.02		ppb
Phosphorus	31-2	-19.23	-18.90	-20.62	-19.58		ppb
Potassium	39-2	11.53	11.96	12.76	12.08	5.17	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				86		%
Scandium	45-2				90		%
Selenium	82-1	0.02	-0.11	-0.07	-0.05		ppb
Selenium	77-2	0.43	0.00	0.22	0.22	99.25	ppb
Selenium	78-2	-1.00	-1.14	-1.49	-1.21		ppb
Silicon	28-1	-28.20	-30.56	-26.00	-28.25		ppb
Silver	107-1	0.06	0.06	0.05	0.06	9.66	ppb
Silver	109-1	0.06	0.06	0.06	0.06	0.84	ppb
Sodium	23-2	57.18	54.24	57.33	56.25	3.09	ppb
Strontium	86-1	0.04	0.03	0.04	0.03	17.03	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	2.78	ppb
Sulfur	34-1	-633.27	-687.15	-596.88	-639.10		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.06	0.06	0.06	9.56	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.63	ppb
Tin	118-1	0.09	0.09	0.06	0.08	21.76	ppb
Titanium	47-1	0.36	0.31	0.35	0.34	7.29	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB016 Instrumnet Name : P7
Client Sample ID : CCB016 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:28:59 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.04	0.03	5.61	ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	9.78	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	0.60	0.63	0.58	0.60	4.05	ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	17.03	ppb
Zirconium	91-1	0.06	0.07	0.06	0.06	6.06	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166507BS Instrumnet Name : P7
Client Sample ID : LCS507 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:48:32 DataFile Name : 039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.97	40.89	38.49	39.12	3.98	ppb
Antimony	121-1	4.11	4.07	4.11	4.10	0.63	ppb
Arsenic	75-2	2.23	2.34	2.28	2.28	2.41	ppb
Barium	135-1	19.71	19.98	19.56	19.75	1.08	ppb
Barium	137-1	19.67	20.00	19.98	19.88	0.93	ppb
Beryllium	9-1	2.18	2.34	2.27	2.26	3.58	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.38	2.47	2.05	2.30	9.52	ppb
Cadmium	106-1	-0.74	-0.42	0.11	-0.35		ppb
Cadmium	111-1	2.02	2.14	2.15	2.10	3.30	ppb
Calcium	43-1	1035.88	1039.19	1006.33	1027.13	1.76	ppb
Calcium	44-1	1026.60	1020.92	1023.20	1023.57	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.05	4.03	4.03	4.04	0.33	ppb
Cobalt	59-2	2.17	2.11	2.15	2.14	1.55	ppb
Copper	63-2	4.47	4.53	4.43	4.48	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	427.28	424.67	424.93	425.63	0.34	ppb
Iron	57-2	419.61	437.00	425.97	427.53	2.06	ppb
Iron	54-2	433.31	439.63	442.07	438.34	1.03	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166507BS Instrumnet Name : P7
Client Sample ID : LCS507 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:48:32 DataFile Name : 039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.92	1.87	1.91	1.90	1.30	ppb
Lead	207-1	1.88	1.92	1.89	1.90	1.25	ppb
Lead	208-1	1.89	1.88	1.88	1.89	0.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	916.67	924.40	924.17	921.75	0.48	ppb
Manganese	55-2	2.00	2.10	2.09	2.06	2.65	ppb
Molybdenum	94-1	11.99	11.90	11.67	11.85	1.36	ppb
Molybdenum	95-1	9.97	10.02	9.85	9.94	0.88	ppb
Molybdenum	96-1	10.15	10.16	9.97	10.09	1.03	ppb
Molybdenum	97-1	9.87	9.92	9.89	9.89	0.22	ppb
Molybdenum	98-1	9.84	9.95	10.04	9.94	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	2.32	2.29	2.18	10.36	ppb
Phosphorus	31-2	25.02	28.03	31.62	28.22	11.71	ppb
Potassium	39-2	1031.15	1041.09	1046.81	1039.68	0.76	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	11.82	11.73	11.29	11.61	2.46	ppb
Selenium	77-2	8.60	12.48	12.24	11.11	19.61	ppb
Selenium	78-2	10.07	10.55	11.19	10.60	5.34	ppb
Silicon	28-1	-3.79	-5.62	-4.41	-4.61		ppb
Silver	107-1	2.18	2.16	2.16	2.17	0.43	ppb
Silver	109-1	2.15	2.19	2.07	2.14	2.93	ppb
Sodium	23-2	976.11	993.78	987.18	985.69	0.91	ppb
Strontium	86-1	1.91	2.00	1.96	1.96	2.08	ppb
Strontium	88-1	1.98	2.01	1.99	1.99	0.85	ppb
Sulfur	34-1	-331.84	-328.78	-276.04	-312.22		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	1.92	1.92	1.94	1.93	0.39	ppb
Thallium	205-1	1.87	1.90	1.85	1.87	1.39	ppb
Tin	118-1	10.30	10.24	10.14	10.23	0.79	ppb
Titanium	47-1	12.28	12.58	12.46	12.44	1.21	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166507BS Instrumnet Name : P7
Client Sample ID : LCS507 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:48:32 DataFile Name : 039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.74	1.71	1.71	1.72	0.92	ppb
Vanadium	51-2	10.45	10.60	10.33	10.46	1.28	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	10.32	10.46	10.33	10.37	0.73	ppb
Zirconium	90-1	1.95	1.98	1.99	1.98	1.22	ppb
Zirconium	91-1	1.95	1.97	1.97	1.96	0.66	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166509BL Instrumnet Name : P7
Client Sample ID : PBS509 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:51:47 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	0.40	0.47	0.51	24.68	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	27.14	ppb
Arsenic	75-2	0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	233.92	ppb
Beryllium	9-1	-0.02	0.00	-0.01	-0.01		ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.01	0.03	0.03	47.66	ppb
Cadmium	106-1	0.20	-1.88	-0.92	-0.87		ppb
Cadmium	111-1	0.00	-0.04	-0.02	-0.02		ppb
Calcium	43-1	-0.64	0.37	1.09	0.27	315.94	ppb
Calcium	44-1	-0.47	-0.21	-0.89	-0.52		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.04	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	194.55	ppb
Copper	63-2	-0.01	-0.01	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	0.06	-0.16	-0.13	-0.07		ppb
Iron	57-2	-2.76	-1.89	-2.18	-2.27		ppb
Iron	54-2	-0.79	-1.19	0.72	-0.42		ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166509BL Instrumnet Name : P7
Client Sample ID : PBS509 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:51:47 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.01	0.02	0.02	39.68	ppb
Lead	207-1	0.02	0.02	0.03	0.02	14.89	ppb
Lead	208-1	0.02	0.02	0.02	0.02	5.91	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.13	0.34	0.44	0.30	53.04	ppb
Manganese	55-2	0.01	0.02	-0.01	0.01	230.50	ppb
Molybdenum	94-1	0.01	0.00	0.00	0.00	187.94	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.08	-0.11	-0.06		ppb
Phosphorus	31-2	-20.89	-21.61	-17.59	-20.03		ppb
Potassium	39-2	-2.26	-4.74	-3.33	-3.44		ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	-0.10	-0.30	0.05	-0.12		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.38	-0.75	-1.10	-1.08		ppb
Silicon	28-1	-22.03	-20.46	-21.62	-21.37		ppb
Silver	107-1	0.00	0.00	0.00	0.00	85.92	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6.40	6.75	6.08	6.41	5.22	ppb
Strontium	86-1	-0.01	-0.01	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-387.72	-288.81	-257.16	-311.23		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.03	0.03	8.26	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	9.17	ppb
Tin	118-1	0.00	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.03	0.02	0.00	0.01	121.25	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166509BL Instrumnet Name : P7
Client Sample ID : PBS509 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:51:47 DataFile Name : 040CCBE.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				97		%
Yttrium	89-2				98		%
Zinc	66-2	-0.01	0.09	0.08	0.05	101.55	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	58.24	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00	10208.16	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166509BS Instrumnet Name : P7
Client Sample ID : LCS509 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:55:06 DataFile Name : 041LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.74	42.23	41.01	41.99	2.11	ppb
Antimony	121-1	4.52	4.39	4.42	4.44	1.52	ppb
Arsenic	75-2	2.43	2.52	2.27	2.41	5.18	ppb
Barium	135-1	21.83	21.48	21.72	21.68	0.83	ppb
Barium	137-1	21.44	21.64	21.23	21.44	0.94	ppb
Beryllium	9-1	2.25	2.45	2.43	2.38	4.61	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.26	2.37	2.42	2.35	3.55	ppb
Cadmium	106-1	1.76	1.17	1.48	1.47	20.11	ppb
Cadmium	111-1	2.34	2.30	2.36	2.33	1.27	ppb
Calcium	43-1	1069.81	1107.50	1102.81	1093.37	1.88	ppb
Calcium	44-1	1091.19	1101.81	1093.43	1095.48	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.24	4.26	4.16	4.22	1.22	ppb
Cobalt	59-2	2.26	2.32	2.30	2.29	1.36	ppb
Copper	63-2	4.81	4.74	4.77	4.77	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				100		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	453.48	450.41	446.19	450.02	0.81	ppb
Iron	57-2	463.39	452.83	459.29	458.50	1.16	ppb
Iron	54-2	473.69	463.18	469.19	468.68	1.12	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166509BS Instrumnet Name : P7
Client Sample ID : LCS509 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:55:06 DataFile Name : 041LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.98	2.02	2.03	2.01	1.31	ppb
Lead	207-1	1.93	2.05	2.03	2.00	3.22	ppb
Lead	208-1	1.96	2.04	2.01	2.00	2.07	ppb
Lithium	6-1				101		%
Magnesium	24-2	985.17	984.52	985.31	985.00	0.04	ppb
Manganese	55-2	2.22	2.16	2.13	2.17	2.05	ppb
Molybdenum	94-1	12.57	12.64	12.44	12.55	0.79	ppb
Molybdenum	95-1	10.57	10.64	10.38	10.53	1.28	ppb
Molybdenum	96-1	10.79	10.72	10.71	10.74	0.40	ppb
Molybdenum	97-1	10.56	10.60	10.64	10.60	0.37	ppb
Molybdenum	98-1	10.63	10.64	10.60	10.62	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	2.29	2.27	2.22	4.82	ppb
Phosphorus	31-2	31.20	32.47	34.40	32.69	4.92	ppb
Potassium	39-2	1113.50	1117.16	1113.97	1114.88	0.18	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	11.76	10.75	11.32	11.28	4.48	ppb
Selenium	77-2	12.79	9.79	10.59	11.05	14.08	ppb
Selenium	78-2	8.88	11.48	9.93	10.10	12.96	ppb
Silicon	28-1	0.18	3.12	-0.17	1.04	173.67	ppb
Silver	107-1	2.33	2.30	2.31	2.32	0.70	ppb
Silver	109-1	2.31	2.32	2.30	2.31	0.46	ppb
Sodium	23-2	1057.00	1048.00	1053.44	1052.81	0.43	ppb
Strontium	86-1	2.11	2.12	2.07	2.10	1.19	ppb
Strontium	88-1	2.13	2.11	2.12	2.12	0.56	ppb
Sulfur	34-1	-173.21	-139.39	-130.79	-147.79		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	2.05	2.07	2.01	2.04	1.54	ppb
Thallium	205-1	1.99	2.06	2.04	2.03	1.60	ppb
Tin	118-1	11.14	11.28	11.04	11.15	1.09	ppb
Titanium	47-1	12.82	12.62	12.49	12.64	1.33	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166509BS Instrumnet Name : P7
Client Sample ID : LCS509 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:55:06 DataFile Name : 041LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.85	1.90	1.82	1.86	2.17	ppb
Vanadium	51-2	11.17	11.17	11.03	11.12	0.71	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	11.18	11.26	11.47	11.30	1.31	ppb
Zirconium	90-1	2.12	2.09	2.08	2.10	1.09	ppb
Zirconium	91-1	2.11	2.10	2.12	2.11	0.49	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166539BL Instrumnet Name : P7
Client Sample ID : PBS539 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:58:21 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.33	0.00	0.11	175.39	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	112.18	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.00	-0.01	0.00	319.48	ppb
Barium	137-1	0.00	0.01	0.01	0.00	148.67	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	41.88	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.03	-0.05	-0.01		ppb
Cadmium	106-1	-1.08	-1.30	-1.84	-1.40		ppb
Cadmium	111-1	-0.03	-0.03	-0.04	-0.03		ppb
Calcium	43-1	1.88	2.26	-1.67	0.82	263.67	ppb
Calcium	44-1	0.13	-0.09	-0.60	-0.18		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.04	-0.04	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	988.81	ppb
Copper	63-2	-0.02	-0.01	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	-0.01	-0.21	-0.12	-0.11		ppb
Iron	57-2	-2.44	-1.54	-0.40	-1.46		ppb
Iron	54-2	-1.19	-0.46	-0.63	-0.76		ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166539BL Instrumnet Name : P7
Client Sample ID : PBS539 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:58:21 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.01	0.01	0.01	76.42	ppb
Lead	207-1	0.01	0.02	0.02	0.02	24.23	ppb
Lead	208-1	0.03	0.02	0.02	0.02	39.39	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.02	0.54	0.05	0.20	144.94	ppb
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	234.74	ppb
Molybdenum	95-1	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.09	-0.11	-0.08		ppb
Phosphorus	31-2	-22.03	-22.04	-19.46	-21.18		ppb
Potassium	39-2	-1.73	-2.54	-2.95	-2.41		ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	0.13	0.36	-0.50	0.00		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.45	0.49	1.04	0.36	209.84	ppb
Silicon	28-1	-16.68	-17.45	-16.15	-16.76		ppb
Silver	107-1	0.00	0.00	0.00	0.00	67.99	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	5.66	4.83	6.38	5.62	13.78	ppb
Strontium	86-1	-0.02	0.01	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-135.84	-204.77	-246.76	-195.79		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.02	0.02	0.03	23.25	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	9.44	ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.03	0.00	0.03	0.02	76.20	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166539BL Instrumnet Name : P7
Client Sample ID : PBS539 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:58:21 DataFile Name : 042CCBE.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				97		%
Yttrium	89-2				97		%
Zinc	66-2	0.07	0.04	0.07	0.06	34.39	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	28.23	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	55.36	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166539BS Instrumnet Name : P7
Client Sample ID : LCS539 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:01:40 DataFile Name : 043LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9776.08	9729.18	9729.72	9744.99	0.28	ppb
Antimony	121-1	519.94	518.63	517.91	518.83	0.20	ppb
Arsenic	75-2	510.21	496.48	502.29	502.99	1.37	ppb
Barium	135-1	2568.48	2573.93	2614.48	2585.63	0.97	ppb
Barium	137-1	2582.57	2596.60	2554.19	2577.79	0.84	ppb
Beryllium	9-1	515.69	512.59	507.56	511.95	0.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	525.98	516.27	523.81	522.02	0.98	ppb
Cadmium	106-1	526.63	516.27	517.95	520.28	1.07	ppb
Cadmium	111-1	505.48	501.10	502.80	503.13	0.44	ppb
Calcium	43-1	50302.47	51084.77	50193.28	50526.84	0.96	ppb
Calcium	44-1	48553.11	48795.79	48546.97	48631.96	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.50	508.66	513.82	507.99	1.22	ppb
Cobalt	59-2	508.82	509.33	506.51	508.22	0.30	ppb
Copper	63-2	5065.69	5077.28	5048.64	5063.87	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	26047.83	25991.11	25861.03	25966.66	0.37	ppb
Iron	57-2	25512.40	25627.13	25833.21	25657.58	0.63	ppb
Iron	54-2	26428.25	26077.07	26246.41	26250.57	0.67	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166539BS Instrumnet Name : P7
Client Sample ID : LCS539 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:01:40 DataFile Name : 043LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2535.81	2497.27	2495.62	2509.56	0.91	ppb
Lead	207-1	2519.38	2529.74	2529.65	2526.26	0.24	ppb
Lead	208-1	2529.48	2519.15	2519.12	2522.59	0.24	ppb
Lithium	6-1				101		%
Magnesium	24-2	49037.49	48741.23	49191.65	48990.13	0.47	ppb
Manganese	55-2	5037.48	5096.02	5022.08	5051.86	0.77	ppb
Molybdenum	94-1	4996.91	5000.33	5061.63	5019.62	0.73	ppb
Molybdenum	95-1	5015.05	5033.65	5046.08	5031.59	0.31	ppb
Molybdenum	96-1	5002.14	5015.42	5093.60	5037.05	0.98	ppb
Molybdenum	97-1	4962.49	4987.66	5048.14	4999.43	0.88	ppb
Molybdenum	98-1	4994.34	5007.94	5030.96	5011.08	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.22	506.36	508.39	506.99	0.24	ppb
Phosphorus	31-2	10026.93	10029.96	10062.70	10039.86	0.20	ppb
Potassium	39-2	24716.94	24750.81	24742.02	24736.59	0.07	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	505.70	500.82	506.14	504.22	0.59	ppb
Selenium	77-2	518.33	513.31	516.38	516.01	0.49	ppb
Selenium	78-2	506.72	502.60	499.51	502.94	0.72	ppb
Silicon	28-1	536.98	543.06	530.13	536.72	1.21	ppb
Silver	107-1	529.84	518.68	522.01	523.51	1.09	ppb
Silver	109-1	533.15	523.79	521.05	526.00	1.21	ppb
Sodium	23-2	49990.07	49556.44	49674.99	49740.50	0.45	ppb
Strontium	86-1	486.79	486.73	495.75	489.76	1.06	ppb
Strontium	88-1	506.79	504.31	504.80	505.30	0.26	ppb
Sulfur	34-1	10362.84	10415.50	10124.77	10301.04	1.50	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	507.48	498.28	498.08	501.28	1.07	ppb
Thallium	205-1	503.40	498.58	498.30	500.09	0.57	ppb
Tin	118-1	517.86	517.60	516.93	517.47	0.09	ppb
Titanium	47-1	5110.26	5113.88	5050.48	5091.54	0.70	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166539BS Instrumnet Name : P7
Client Sample ID : LCS539 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:01:40 DataFile Name : 043LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	490.56	502.58	492.06	495.07	1.32	ppb
Vanadium	51-2	508.38	512.92	504.72	508.68	0.81	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	5070.50	5083.77	5136.12	5096.80	0.68	ppb
Zirconium	90-1	503.32	502.44	504.44	503.40	0.20	ppb
Zirconium	91-1	502.88	505.05	499.20	502.38	0.59	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166515BL Instrumnet Name : P7
Client Sample ID : PBW515 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:04:25 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.18	0.29	0.23	23.99	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	6.71	ppb
Arsenic	75-2	-0.02	0.00	-0.02	-0.01		ppb
Barium	135-1	0.01	0.01	0.00	0.01	93.94	ppb
Barium	137-1	0.02	0.01	0.01	0.01	47.84	ppb
Beryllium	9-1	0.06	0.04	0.06	0.05	27.20	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	-0.05	-0.05	-0.05		ppb
Cadmium	106-1	-3.13	-2.92	-3.98	-3.34		ppb
Cadmium	111-1	-0.05	-0.05	-0.07	-0.06		ppb
Calcium	43-1	0.05	0.64	0.97	0.56	83.98	ppb
Calcium	44-1	1.39	-0.28	-0.45	0.22	456.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.03	-0.03	-0.03		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.01	0.01	0.01	0.01	28.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	-0.22	-0.19	-0.14	-0.18		ppb
Iron	57-2	-2.59	-1.14	-3.48	-2.40		ppb
Iron	54-2	-0.84	-1.36	0.35	-0.62		ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166515BL Instrumnet Name : P7
Client Sample ID : PBW515 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:04:25 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.04	0.03	0.05	34.36	ppb
Lead	207-1	0.05	0.06	0.04	0.05	18.65	ppb
Lead	208-1	0.05	0.05	0.03	0.04	24.76	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.24	0.33	0.05	0.21	68.47	ppb
Manganese	55-2	0.03	0.04	0.04	0.04	10.31	ppb
Molybdenum	94-1	0.09	0.06	0.07	0.07	19.01	ppb
Molybdenum	95-1	0.08	0.07	0.07	0.07	8.03	ppb
Molybdenum	96-1	0.07	0.07	0.11	0.08	24.80	ppb
Molybdenum	97-1	0.07	0.07	0.05	0.06	17.82	ppb
Molybdenum	98-1	0.07	0.06	0.06	0.06	7.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.15	-0.16	-0.14		ppb
Phosphorus	31-2	-22.92	-17.18	-23.70	-21.27		ppb
Potassium	39-2	-4.89	-5.88	-2.48	-4.42		ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				86		%
Scandium	45-2				90		%
Selenium	82-1	-0.70	0.40	-0.03	-0.11		ppb
Selenium	77-2	0.00	0.00	0.22	0.07	173.21	ppb
Selenium	78-2	-1.20	0.52	-0.85	-0.51		ppb
Silicon	28-1	-23.51	-26.14	-25.19	-24.95		ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.22	ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.67	ppb
Sodium	23-2	11.60	10.81	10.56	10.99	4.94	ppb
Strontium	86-1	0.00	-0.02	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	76.09	ppb
Sulfur	34-1	-794.65	-882.85	-825.75	-834.42		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.96	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	18.96	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.09	0.07	0.03	0.06	40.92	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166515BL Instrumnet Name : P7
Client Sample ID : PBW515 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:04:25 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	13.02	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	211.47	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	0.17	0.14	0.17	0.16	12.11	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	15.45	ppb
Zirconium	91-1	0.03	0.03	0.01	0.02	34.87	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166515BS Instrumnet Name : P7
Client Sample ID : LCS515 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:07:45 DataFile Name : 045LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9837.68	9681.69	9773.09	9764.16	0.80	ppb
Antimony	121-1	474.86	507.14	513.12	498.37	4.13	ppb
Arsenic	75-2	496.91	504.57	503.30	501.59	0.82	ppb
Barium	135-1	2329.94	2525.76	2570.84	2475.51	5.17	ppb
Barium	137-1	2347.60	2503.88	2551.99	2467.82	4.33	ppb
Beryllium	9-1	451.72	501.29	505.37	486.13	6.14	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	462.80	497.14	513.30	491.08	5.25	ppb
Cadmium	106-1	466.80	509.32	511.29	495.80	5.07	ppb
Cadmium	111-1	452.94	489.48	497.30	479.91	4.93	ppb
Calcium	43-1	45609.10	50552.73	50273.15	48811.66	5.69	ppb
Calcium	44-1	43724.85	48442.81	48913.70	47027.12	6.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.28	509.81	506.38	506.82	0.55	ppb
Cobalt	59-2	518.39	519.15	504.93	514.16	1.56	ppb
Copper	63-2	5067.27	5090.52	5013.53	5057.11	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	26268.46	25959.57	25760.15	25996.06	0.99	ppb
Iron	57-2	25734.48	25740.98	25702.86	25726.11	0.08	ppb
Iron	54-2	26335.03	26278.96	26249.72	26287.90	0.16	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166515BS Instrumnet Name : P7
Client Sample ID : LCS515 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:07:45 DataFile Name : 045LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2309.31	2475.18	2513.43	2432.64	4.46	ppb
Lead	207-1	2274.29	2454.12	2511.63	2413.35	5.13	ppb
Lead	208-1	2290.55	2470.22	2513.56	2424.78	4.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	49806.19	49334.30	48923.32	49354.60	0.90	ppb
Manganese	55-2	5129.95	5072.56	5039.56	5080.69	0.90	ppb
Molybdenum	94-1	4516.73	4979.40	5010.57	4835.57	5.72	ppb
Molybdenum	95-1	4565.18	5021.54	5028.66	4871.79	5.45	ppb
Molybdenum	96-1	4573.97	4995.70	4982.05	4850.58	4.94	ppb
Molybdenum	97-1	4550.90	4972.68	4952.22	4825.27	4.93	ppb
Molybdenum	98-1	4586.43	4977.18	4997.73	4853.78	4.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.15	513.45	506.34	509.64	0.70	ppb
Phosphorus	31-2	10023.43	10092.17	9937.76	10017.79	0.77	ppb
Potassium	39-2	24785.78	24922.84	24706.58	24805.07	0.44	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	82-1	454.09	497.15	497.46	482.90	5.17	ppb
Selenium	77-2	490.64	504.79	519.72	505.05	2.88	ppb
Selenium	78-2	503.60	503.31	512.05	506.32	0.98	ppb
Silicon	28-1	465.43	528.87	529.90	508.07	7.27	ppb
Silver	107-1	473.77	505.79	518.69	499.42	4.63	ppb
Silver	109-1	474.07	515.11	511.94	500.37	4.56	ppb
Sodium	23-2	49778.16	50318.22	49714.27	49936.88	0.66	ppb
Strontium	86-1	442.17	489.15	489.35	473.56	5.74	ppb
Strontium	88-1	457.23	499.19	505.26	487.22	5.37	ppb
Sulfur	34-1	8244.41	9554.92	9667.14	9155.49	8.64	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	457.93	497.41	505.86	487.07	5.25	ppb
Thallium	205-1	462.48	492.52	498.94	484.65	4.02	ppb
Tin	118-1	466.10	506.66	512.36	495.04	5.10	ppb
Titanium	47-1	4536.14	5019.55	5097.48	4884.39	6.23	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166515BS Instrumnet Name : P7
Client Sample ID : LCS515 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:07:45 DataFile Name : 045LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	448.41	490.66	498.98	479.35	5.66	ppb
Vanadium	51-2	513.00	508.35	503.94	508.43	0.89	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	5107.66	5163.50	5080.98	5117.38	0.82	ppb
Zirconium	90-1	451.93	492.27	502.89	482.36	5.57	ppb
Zirconium	91-1	453.34	498.42	501.07	484.28	5.54	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166519BL Instrumnet Name : P7
Client Sample ID : PBW519 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:10:26 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	0.51	0.33	0.35	42.49	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	7.20	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	462.63	ppb
Barium	135-1	0.02	0.02	0.03	0.03	17.74	ppb
Barium	137-1	0.02	0.02	0.01	0.02	29.40	ppb
Beryllium	9-1	0.10	0.06	0.07	0.08	27.68	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.06	0.01	0.01	318.34	ppb
Cadmium	106-1	-2.68	-2.38	-3.39	-2.81		ppb
Cadmium	111-1	-0.03	-0.04	-0.06	-0.04		ppb
Calcium	43-1	-1.60	0.95	-0.73	-0.46		ppb
Calcium	44-1	0.40	-0.21	0.27	0.15	213.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	0.01	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	112.59	ppb
Copper	63-2	0.07	0.02	0.06	0.05	58.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	0.05	-0.01	0.06	0.03	118.14	ppb
Iron	57-2	-2.00	-4.02	-2.32	-2.78		ppb
Iron	54-2	-0.30	-0.80	0.91	-0.06		ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166519BL Instrumnet Name : P7
Client Sample ID : PBW519 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:10:26 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.04	0.05	0.05	26.95	ppb
Lead	207-1	0.08	0.08	0.06	0.08	13.31	ppb
Lead	208-1	0.07	0.06	0.05	0.06	15.03	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.39	0.66	0.72	0.59	29.15	ppb
Manganese	55-2	0.06	0.05	0.06	0.06	10.77	ppb
Molybdenum	94-1	0.16	0.09	0.11	0.12	30.53	ppb
Molybdenum	95-1	0.12	0.08	0.08	0.09	21.09	ppb
Molybdenum	96-1	0.12	0.11	0.09	0.11	16.03	ppb
Molybdenum	97-1	0.10	0.12	0.08	0.10	18.34	ppb
Molybdenum	98-1	0.12	0.08	0.09	0.10	19.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.14	-0.13	-0.14		ppb
Phosphorus	31-2	-19.46	-19.47	-23.28	-20.74		ppb
Potassium	39-2	-7.00	-6.48	-5.97	-6.48		ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	82-1	-0.63	-0.11	-0.33	-0.36		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.77	0.42	-0.66	-0.34		ppb
Silicon	28-1	-26.78	-27.61	-26.81	-27.07		ppb
Silver	107-1	0.02	0.03	0.02	0.03	19.82	ppb
Silver	109-1	0.03	0.02	0.02	0.03	31.59	ppb
Sodium	23-2	12.51	12.99	11.83	12.44	4.70	ppb
Strontium	86-1	0.00	-0.01	-0.01	0.00		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	53.01	ppb
Sulfur	34-1	-945.25	-922.00	-949.29	-938.84		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.02	0.03	21.53	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	13.80	ppb
Tin	118-1	0.00	0.00	0.00	0.00	302.78	ppb
Titanium	47-1	0.07	0.08	0.05	0.07	16.80	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166519BL Instrumnet Name : P7
Client Sample ID : PBW519 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:10:26 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.00	0.00	33.28	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	59.45	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	0.08	0.20	0.14	0.14	43.54	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	3.06	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	19.01	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166519BS Instrumnet Name : P7
Client Sample ID : LCS519 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:13:45 DataFile Name : 047DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9771.83	9822.20	9888.97	9827.67	0.60	ppb
Antimony	121-1	508.05	516.18	511.62	511.95	0.80	ppb
Arsenic	75-2	492.74	502.79	500.61	498.71	1.06	ppb
Barium	135-1	2574.39	2563.55	2551.49	2563.14	0.45	ppb
Barium	137-1	2563.54	2559.61	2546.41	2556.52	0.35	ppb
Beryllium	9-1	497.81	495.00	501.02	497.95	0.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	510.91	512.24	516.19	513.11	0.53	ppb
Cadmium	106-1	509.70	510.28	507.47	509.15	0.29	ppb
Cadmium	111-1	493.05	497.90	497.58	496.18	0.55	ppb
Calcium	43-1	50533.00	50520.07	50986.62	50679.90	0.52	ppb
Calcium	44-1	48910.99	48535.26	48709.26	48718.50	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.76	512.35	512.81	510.64	0.66	ppb
Cobalt	59-2	512.60	516.05	519.05	515.90	0.63	ppb
Copper	63-2	5041.04	5051.54	5095.78	5062.79	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	25846.86	26355.12	26351.79	26184.59	1.12	ppb
Iron	57-2	25694.67	25816.58	26182.50	25897.92	0.98	ppb
Iron	54-2	25996.40	26189.72	26439.92	26208.68	0.85	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166519BS Instrumnet Name : P7
Client Sample ID : LCS519 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:13:45 DataFile Name : 047DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2467.82	2536.55	2527.45	2510.61	1.49	ppb
Lead	207-1	2473.64	2524.14	2520.01	2505.93	1.12	ppb
Lead	208-1	2492.20	2528.70	2520.39	2513.76	0.76	ppb
Lithium	6-1				102		%
Magnesium	24-2	48893.56	49616.13	49319.00	49276.23	0.74	ppb
Manganese	55-2	5064.77	5110.53	5169.77	5115.02	1.03	ppb
Molybdenum	94-1	4991.75	5006.22	5081.19	5026.39	0.96	ppb
Molybdenum	95-1	5045.75	5022.39	5081.86	5050.00	0.59	ppb
Molybdenum	96-1	5005.86	5019.27	5064.00	5029.71	0.61	ppb
Molybdenum	97-1	4989.51	5018.57	5077.67	5028.58	0.89	ppb
Molybdenum	98-1	5021.32	5054.78	5065.92	5047.34	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.83	508.68	515.61	509.37	1.16	ppb
Phosphorus	31-2	10113.46	9971.12	10143.10	10075.89	0.91	ppb
Potassium	39-2	24665.03	25060.84	25022.81	24916.23	0.88	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	82-1	504.56	502.49	509.21	505.42	0.68	ppb
Selenium	77-2	498.66	499.62	501.67	499.99	0.31	ppb
Selenium	78-2	485.50	503.38	499.97	496.28	1.91	ppb
Silicon	28-1	525.37	529.95	523.11	526.14	0.66	ppb
Silver	107-1	517.62	518.37	519.46	518.48	0.18	ppb
Silver	109-1	515.34	514.05	516.76	515.38	0.26	ppb
Sodium	23-2	49569.42	50222.89	49738.13	49843.48	0.68	ppb
Strontium	86-1	490.68	492.88	496.26	493.27	0.57	ppb
Strontium	88-1	504.21	503.19	507.68	505.03	0.47	ppb
Sulfur	34-1	9753.21	9640.36	9598.57	9664.05	0.83	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	496.33	500.62	511.61	502.86	1.57	ppb
Thallium	205-1	490.28	503.31	505.56	499.72	1.65	ppb
Tin	118-1	506.70	512.06	514.14	510.96	0.75	ppb
Titanium	47-1	5082.34	4999.60	5029.72	5037.22	0.83	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166519BS Instrumnet Name : P7
Client Sample ID : LCS519 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:13:45 DataFile Name : 047DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	498.01	489.66	493.26	493.65	0.85	ppb
Vanadium	51-2	507.65	511.56	507.81	509.01	0.44	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	5084.17	5160.19	5213.56	5152.64	1.26	ppb
Zirconium	90-1	497.43	498.03	507.80	501.09	1.16	ppb
Zirconium	91-1	501.62	500.01	513.36	505.00	1.44	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV017 Instrumnet Name : P7
Client Sample ID : CCV017 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:16:26 DataFile Name : 048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49145.87	49257.99	49033.12	49145.66	0.23	ppb
Antimony	121-1	496.67	499.24	497.96	497.96	0.26	ppb
Arsenic	75-2	483.11	488.54	490.35	487.34	0.77	ppb
Barium	135-1	2489.16	2543.97	2549.85	2527.66	1.32	ppb
Barium	137-1	2506.12	2524.64	2539.29	2523.35	0.66	ppb
Beryllium	9-1	502.05	506.11	505.24	504.47	0.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	490.08	493.83	486.81	490.24	0.72	ppb
Cadmium	106-1	480.49	496.89	488.36	488.58	1.68	ppb
Cadmium	111-1	462.23	471.87	470.96	468.35	1.14	ppb
Calcium	43-1	239331.71	240899.37	239456.09	239895.72	0.36	ppb
Calcium	44-1	238758.07	240075.57	239377.45	239403.70	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.16	503.73	497.40	501.10	0.66	ppb
Cobalt	59-2	498.11	492.27	493.13	494.50	0.64	ppb
Copper	63-2	4752.26	4771.21	4754.38	4759.28	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	125378.36	125699.10	125011.13	125362.86	0.27	ppb
Iron	57-2	123300.57	123270.98	123329.88	123300.48	0.02	ppb
Iron	54-2	126384.98	125709.75	124847.43	125647.39	0.61	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV017 Instrumnet Name : P7
Client Sample ID : CCV017 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:16:26 DataFile Name : 048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2551.14	2573.39	2582.16	2568.90	0.62	ppb
Lead	207-1	2545.63	2570.47	2575.21	2563.77	0.62	ppb
Lead	208-1	2547.39	2574.18	2578.21	2566.60	0.65	ppb
Lithium	6-1				101		%
Magnesium	24-2	241897.47	244399.26	244660.47	243652.40	0.63	ppb
Manganese	55-2	4993.49	4997.63	5002.19	4997.77	0.09	ppb
Molybdenum	94-1	5053.60	5124.56	5099.62	5092.60	0.71	ppb
Molybdenum	95-1	5038.39	5093.26	5086.81	5072.82	0.59	ppb
Molybdenum	96-1	5064.32	5121.00	5054.07	5079.80	0.71	ppb
Molybdenum	97-1	5064.90	5102.57	4981.75	5049.74	1.22	ppb
Molybdenum	98-1	5045.88	5113.10	5055.26	5071.41	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.92	482.94	478.33	480.40	0.49	ppb
Phosphorus	31-2	10039.95	10067.40	9943.84	10017.06	0.65	ppb
Potassium	39-2	121541.05	120878.93	121653.29	121357.76	0.34	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				84		%
Scandium	45-2				89		%
Selenium	82-1	478.20	482.25	479.20	479.88	0.44	ppb
Selenium	77-2	478.25	482.99	497.22	486.15	2.03	ppb
Selenium	78-2	479.39	485.32	482.64	482.45	0.62	ppb
Silicon	28-1	537.85	537.79	532.28	535.97	0.60	ppb
Silver	107-1	478.61	484.75	488.46	483.94	1.03	ppb
Silver	109-1	488.07	490.97	487.71	488.92	0.37	ppb
Sodium	23-2	242905.23	245439.18	243894.21	244079.54	0.52	ppb
Strontium	86-1	491.09	498.43	495.84	495.12	0.75	ppb
Strontium	88-1	509.18	509.44	505.40	508.00	0.45	ppb
Sulfur	34-1	9849.60	9903.33	9899.42	9884.12	0.30	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	518.83	521.05	525.35	521.74	0.64	ppb
Thallium	205-1	504.24	518.19	521.15	514.53	1.75	ppb
Tin	118-1	502.79	503.50	500.38	502.22	0.33	ppb
Titanium	47-1	5115.75	5049.39	5095.15	5086.76	0.67	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV017 Instrumnet Name : P7
Client Sample ID : CCV017 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:16:26 DataFile Name : 048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	525.20	534.81	527.45	529.15	0.95	ppb
Vanadium	51-2	502.69	507.33	505.57	505.19	0.46	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	4810.61	4750.69	4765.38	4775.56	0.65	ppb
Zirconium	90-1	506.89	509.21	510.31	508.80	0.34	ppb
Zirconium	91-1	506.52	514.79	512.62	511.31	0.84	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB017 Instrumnet Name : P7
Client Sample ID : CCB017 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:19:12 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.71	0.45	0.62	0.59	21.97	ppb
Antimony	121-1	0.08	0.08	0.07	0.08	5.89	ppb
Arsenic	75-2	0.02	0.03	0.00	0.02	84.85	ppb
Barium	135-1	0.10	0.06	0.08	0.08	19.11	ppb
Barium	137-1	0.08	0.08	0.09	0.08	7.30	ppb
Beryllium	9-1	0.14	0.14	0.12	0.13	5.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.01	0.00	0.00		ppb
Cadmium	106-1	-2.86	-3.22	-3.31	-3.13		ppb
Cadmium	111-1	-0.02	-0.05	-0.03	-0.03		ppb
Calcium	43-1	7.86	7.17	8.71	7.91	9.76	ppb
Calcium	44-1	7.91	6.12	7.64	7.23	13.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	0.00	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	26.84	ppb
Copper	63-2	0.14	0.21	0.19	0.18	19.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	2.45	2.52	2.40	2.46	2.45	ppb
Iron	57-2	-0.82	-0.70	0.06	-0.48		ppb
Iron	54-2	1.43	2.74	2.92	2.36	34.27	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB017 Instrumnet Name : P7
Client Sample ID : CCB017 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:19:12 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.16	0.14	0.14	0.15	7.52	ppb
Lead	207-1	0.16	0.13	0.16	0.15	10.80	ppb
Lead	208-1	0.16	0.14	0.14	0.15	8.69	ppb
Lithium	6-1				101		%
Magnesium	24-2	4.57	5.18	4.62	4.79	7.08	ppb
Manganese	55-2	0.15	0.13	0.12	0.13	10.69	ppb
Molybdenum	94-1	0.25	0.22	0.24	0.24	6.90	ppb
Molybdenum	95-1	0.20	0.19	0.19	0.19	2.51	ppb
Molybdenum	96-1	0.22	0.16	0.21	0.20	16.57	ppb
Molybdenum	97-1	0.22	0.16	0.17	0.18	16.62	ppb
Molybdenum	98-1	0.22	0.19	0.21	0.20	8.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.16	-0.12	-0.14		ppb
Phosphorus	31-2	-21.61	-20.65	-18.52	-20.26		ppb
Potassium	39-2	1.68	1.47	-0.41	0.91	126.28	ppb
Rhodium	103-1				91		%
Rhodium	103-2				95		%
Scandium	45-1				85		%
Scandium	45-2				90		%
Selenium	82-1	-0.23	0.19	0.08	0.01	1608.60	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.58	-1.53	0.01	-1.03		ppb
Silicon	28-1	-32.44	-35.08	-22.33	-29.95		ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.38	ppb
Silver	109-1	0.04	0.03	0.03	0.03	20.40	ppb
Sodium	23-2	41.60	40.13	39.44	40.39	2.73	ppb
Strontium	86-1	0.01	0.02	0.01	0.01	49.55	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	5.10	ppb
Sulfur	34-1	-698.01	-833.61	-462.18	-664.60		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.05	0.06	0.05	7.78	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	5.33	ppb
Tin	118-1	0.03	0.00	0.02	0.02	73.14	ppb
Titanium	47-1	0.22	0.13	0.20	0.18	25.80	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB017 Instrumnet Name : P7
Client Sample ID : CCB017 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:19:12 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	23.66	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	35.67	ppb
Yttrium	89-1				91		%
Yttrium	89-2				95		%
Zinc	66-2	0.34	0.34	0.29	0.32	9.71	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	15.05	ppb
Zirconium	91-1	0.06	0.03	0.05	0.05	24.18	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : Q1087-22 Instrumnet Name : P7
Client Sample ID : MC0AD6 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:22:28 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1226.43	1233.24	1239.35	1233.01	0.52	ppb
Antimony	121-1	561.88	591.55	589.75	581.06	2.86	ppb
Arsenic	75-2	620.09	617.11	618.76	618.65	0.24	ppb
Barium	135-1	1187.94	1235.02	1203.98	1208.98	1.98	ppb
Barium	137-1	1162.50	1205.79	1207.73	1192.01	2.15	ppb
Beryllium	9-1	139.97	146.54	143.93	143.48	2.31	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	591.17	623.31	615.37	609.95	2.74	ppb
Cadmium	106-1	573.49	600.41	599.48	591.13	2.59	ppb
Cadmium	111-1	640.92	681.80	672.27	665.00	3.22	ppb
Calcium	43-1	41.59	46.27	38.88	42.24	8.85	ppb
Calcium	44-1	27.80	27.85	28.65	28.10	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	302.27	301.42	302.55	302.08	0.19	ppb
Cobalt	59-2	243.60	242.86	242.36	242.94	0.26	ppb
Copper	63-2	871.86	884.80	874.11	876.92	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	2010.94	2005.30	2009.79	2008.68	0.15	ppb
Iron	57-2	2020.74	2018.55	2011.77	2017.02	0.23	ppb
Iron	54-2	2280.75	2273.65	2268.20	2274.20	0.28	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : Q1087-22 Instrumnet Name : P7
Client Sample ID : MC0AD6 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:22:28 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	686.02	724.53	737.78	716.11	3.75	ppb
Lead	207-1	655.71	687.60	694.32	679.21	3.04	ppb
Lead	208-1	668.74	706.08	707.54	694.12	3.17	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.72	0.58	0.96	0.75	25.61	ppb
Manganese	55-2	756.48	754.56	754.43	755.16	0.15	ppb
Molybdenum	94-1	355.32	372.45	372.44	366.74	2.70	ppb
Molybdenum	95-1	446.75	463.17	467.33	459.08	2.37	ppb
Molybdenum	96-1	438.31	454.94	453.87	449.04	2.07	ppb
Molybdenum	97-1	433.08	450.73	453.19	445.67	2.46	ppb
Molybdenum	98-1	454.00	457.25	455.95	455.73	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.51	544.91	547.16	547.53	0.51	ppb
Phosphorus	31-2	-21.74	-23.23	-21.26	-22.08		ppb
Potassium	39-2	-5.62	-7.43	-6.65	-6.56		ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	245.24	249.57	254.98	249.93	1.95	ppb
Selenium	77-2	246.32	253.24	243.88	247.81	1.96	ppb
Selenium	78-2	251.98	260.92	255.11	256.00	1.77	ppb
Silicon	28-1	-38.67	-36.82	-35.77	-37.09		ppb
Silver	107-1	718.46	749.59	742.70	736.92	2.22	ppb
Silver	109-1	719.22	756.94	747.90	741.35	2.66	ppb
Sodium	23-2	25.71	24.54	25.19	25.15	2.34	ppb
Strontium	86-1	55.58	57.14	58.38	57.04	2.46	ppb
Strontium	88-1	54.89	56.86	57.32	56.36	2.28	ppb
Sulfur	34-1	-953.45	-976.20	-1048.05	-992.57		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	681.74	715.01	714.80	703.85	2.72	ppb
Thallium	205-1	678.29	713.39	720.75	704.14	3.22	ppb
Tin	118-1	0.02	0.02	0.01	0.02	31.16	ppb
Titanium	47-1	0.09	0.08	0.10	0.09	8.54	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : Q1087-22 Instrumnet Name : P7
Client Sample ID : MC0AD6 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:22:28 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	31.00	ppb
Vanadium	51-2	1651.69	1654.69	1650.69	1652.36	0.13	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	1003.50	1002.25	1001.87	1002.54	0.09	ppb
Zirconium	90-1	0.15	0.14	0.09	0.13	24.35	ppb
Zirconium	91-1	0.30	0.28	0.27	0.28	6.11	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : Q1087-22DLX2 Instrumnet Name : P7
Client Sample ID : MC0AD6 Dilution Factor : 2
Date & Time Acquired : 2025-02-04 20:31:53 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	622.00	613.03	618.77	617.93	0.73	ppb
Antimony	121-1	293.24	293.11	294.65	293.67	0.29	ppb
Arsenic	75-2	306.43	315.88	312.21	311.51	1.53	ppb
Barium	135-1	577.00	572.51	573.77	574.42	0.40	ppb
Barium	137-1	609.72	601.62	594.65	602.00	1.25	ppb
Beryllium	9-1	73.72	74.02	74.13	73.96	0.29	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	315.20	308.57	312.49	312.09	1.07	ppb
Cadmium	106-1	301.29	298.49	293.43	297.74	1.34	ppb
Cadmium	111-1	341.18	337.14	340.51	339.61	0.64	ppb
Calcium	43-1	23.30	20.71	25.55	23.19	10.43	ppb
Calcium	44-1	17.23	17.74	17.01	17.33	2.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	151.44	151.41	152.28	151.71	0.33	ppb
Cobalt	59-2	122.76	121.64	121.90	122.10	0.48	ppb
Copper	63-2	435.70	437.97	443.84	439.17	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	1022.14	1014.72	1017.58	1018.15	0.37	ppb
Iron	57-2	1014.26	1013.73	1016.87	1014.96	0.17	ppb
Iron	54-2	1155.53	1140.69	1149.61	1148.61	0.65	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : Q1087-22DLX2 Instrumnet Name : P7
Client Sample ID : MC0AD6 Dilution Factor : 2
Date & Time Acquired : 2025-02-04 20:31:53 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	372.91	366.02	363.41	367.45	1.34	ppb
Lead	207-1	358.43	347.19	344.81	350.14	2.08	ppb
Lead	208-1	362.39	354.76	352.21	356.46	1.49	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.38	1.27	1.51	1.39	8.47	ppb
Manganese	55-2	372.37	372.11	373.29	372.59	0.17	ppb
Molybdenum	94-1	186.85	187.12	186.51	186.83	0.16	ppb
Molybdenum	95-1	227.24	230.23	227.69	228.38	0.71	ppb
Molybdenum	96-1	221.52	222.84	222.58	222.31	0.32	ppb
Molybdenum	97-1	227.10	229.21	227.87	228.06	0.47	ppb
Molybdenum	98-1	234.17	232.46	232.59	233.07	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	275.02	273.74	276.10	274.95	0.43	ppb
Phosphorus	31-2	-23.77	-24.91	-20.36	-23.01		ppb
Potassium	39-2	-5.98	-7.51	-5.76	-6.42		ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				88		%
Scandium	45-2				92		%
Selenium	82-1	126.15	126.72	126.50	126.45	0.23	ppb
Selenium	77-2	130.13	128.74	127.33	128.73	1.09	ppb
Selenium	78-2	122.78	121.78	124.45	123.00	1.09	ppb
Silicon	28-1	-31.92	-32.02	-33.25	-32.39		ppb
Silver	107-1	378.66	376.36	374.66	376.56	0.53	ppb
Silver	109-1	382.64	378.88	374.79	378.77	1.04	ppb
Sodium	23-2	14.79	15.47	14.89	15.05	2.42	ppb
Strontium	86-1	29.21	29.13	29.15	29.16	0.15	ppb
Strontium	88-1	28.91	28.95	28.91	28.93	0.08	ppb
Sulfur	34-1	-1154.19	-1119.38	-1154.11	-1142.56		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	364.84	361.85	362.31	363.00	0.44	ppb
Thallium	205-1	366.46	357.17	360.03	361.22	1.32	ppb
Tin	118-1	0.03	0.01	0.02	0.02	43.36	ppb
Titanium	47-1	0.08	0.04	0.10	0.08	41.61	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : Q1087-22DLX2 Instrumnet Name : P7
Client Sample ID : MC0AD6 Dilution Factor : 2
Date & Time Acquired : 2025-02-04 20:31:53 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	26.17	ppb
Vanadium	51-2	830.00	814.29	837.94	827.41	1.45	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	503.98	501.92	502.50	502.80	0.21	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	13.88	ppb
Zirconium	91-1	0.10	0.12	0.09	0.10	14.73	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV018 Instrumnet Name : P7
Client Sample ID : CCV018 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:38:01 DataFile Name : 055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48267.77	48457.56	48634.18	48453.17	0.38	ppb
Antimony	121-1	498.40	493.58	501.28	497.75	0.78	ppb
Arsenic	75-2	480.87	489.07	483.48	484.47	0.86	ppb
Barium	135-1	2535.58	2507.40	2573.26	2538.75	1.30	ppb
Barium	137-1	2520.68	2508.70	2571.12	2533.50	1.31	ppb
Beryllium	9-1	502.92	504.62	504.92	504.15	0.21	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	477.71	485.68	490.83	484.74	1.36	ppb
Cadmium	106-1	489.44	481.29	498.86	489.86	1.79	ppb
Cadmium	111-1	469.06	466.74	471.92	469.24	0.55	ppb
Calcium	43-1	238633.46	237564.12	238693.99	238297.19	0.27	ppb
Calcium	44-1	239538.04	237131.68	238135.29	238268.34	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.35	498.68	503.99	502.67	0.70	ppb
Cobalt	59-2	493.83	491.84	491.47	492.38	0.26	ppb
Copper	63-2	4741.98	4724.88	4771.32	4746.06	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	124299.51	124399.14	125327.81	124675.49	0.45	ppb
Iron	57-2	122735.80	122732.92	123213.24	122893.99	0.22	ppb
Iron	54-2	125175.76	123397.86	124441.99	124338.54	0.72	ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV018 Instrumnet Name : P7
Client Sample ID : CCV018 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:38:01 DataFile Name : 055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2555.89	2574.39	2568.37	2566.22	0.37	ppb
Lead	207-1	2564.67	2534.35	2557.62	2552.21	0.62	ppb
Lead	208-1	2556.22	2553.08	2573.10	2560.80	0.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	241462.39	241289.10	241832.32	241527.93	0.11	ppb
Manganese	55-2	4927.78	4936.54	5013.01	4959.11	0.95	ppb
Molybdenum	94-1	5018.62	5072.63	5099.49	5063.58	0.81	ppb
Molybdenum	95-1	5073.15	5072.23	5109.66	5085.02	0.42	ppb
Molybdenum	96-1	5053.49	5018.11	5114.77	5062.12	0.97	ppb
Molybdenum	97-1	5023.30	5027.81	5120.31	5057.14	1.08	ppb
Molybdenum	98-1	5070.72	5030.86	5096.89	5066.15	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.00	480.02	484.53	481.85	0.49	ppb
Phosphorus	31-2	10020.08	10135.91	10023.28	10059.75	0.66	ppb
Potassium	39-2	120696.80	120235.07	120036.43	120322.77	0.28	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				90		%
Selenium	82-1	480.50	479.12	484.14	481.25	0.54	ppb
Selenium	77-2	473.95	478.48	472.24	474.89	0.68	ppb
Selenium	78-2	467.71	480.32	471.32	473.12	1.37	ppb
Silicon	28-1	530.54	531.16	536.26	532.65	0.59	ppb
Silver	107-1	484.71	482.72	488.50	485.31	0.60	ppb
Silver	109-1	488.01	480.02	484.73	484.25	0.83	ppb
Sodium	23-2	238876.74	239742.49	241281.65	239966.96	0.51	ppb
Strontium	86-1	492.06	489.26	497.63	492.99	0.86	ppb
Strontium	88-1	507.63	503.95	510.25	507.28	0.62	ppb
Sulfur	34-1	9876.21	9741.73	9962.06	9860.00	1.13	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	516.74	521.25	526.41	521.47	0.93	ppb
Thallium	205-1	511.33	522.79	516.95	517.02	1.11	ppb
Tin	118-1	500.42	498.93	507.28	502.21	0.89	ppb
Titanium	47-1	5068.75	5044.66	5061.24	5058.22	0.24	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV018 Instrumnet Name : P7
Client Sample ID : CCV018 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:38:01 DataFile Name : 055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	526.02	527.60	521.21	524.94	0.63	ppb
Vanadium	51-2	504.04	506.32	507.76	506.04	0.37	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	4712.84	4763.04	4718.32	4731.40	0.58	ppb
Zirconium	90-1	510.59	505.83	509.39	508.60	0.49	ppb
Zirconium	91-1	504.80	504.73	512.20	507.25	0.85	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB018 Instrumnet Name : P7
Client Sample ID : CCB018 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:40:44 DataFile Name : 056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.23	0.35	0.21	0.60	92.17	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	12.40	ppb
Arsenic	75-2	0.01	-0.02	0.00	0.00		ppb
Barium	135-1	0.01	0.03	0.01	0.02	61.58	ppb
Barium	137-1	0.02	0.01	0.02	0.02	22.81	ppb
Beryllium	9-1	0.15	0.11	0.12	0.13	12.71	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.07	-0.01	-0.02		ppb
Cadmium	106-1	-1.34	-1.87	-1.92	-1.71		ppb
Cadmium	111-1	0.01	0.00	-0.02	0.00		ppb
Calcium	43-1	-0.21	-0.14	-0.75	-0.37		ppb
Calcium	44-1	1.38	1.15	0.66	1.06	34.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	60.14	ppb
Copper	63-2	0.07	0.09	0.04	0.07	32.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	0.85	0.58	0.39	0.60	38.41	ppb
Iron	57-2	-1.93	-2.51	-2.04	-2.16		ppb
Iron	54-2	0.08	-0.85	-0.78	-0.52		ppb
Krypton	83-1						cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB018 Instrumnet Name : P7
Client Sample ID : CCB018 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:40:44 DataFile Name : 056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.09	0.09	0.09	0.37	ppb
Lead	207-1	0.11	0.09	0.08	0.09	18.44	ppb
Lead	208-1	0.10	0.09	0.08	0.09	11.11	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.22	1.13	0.52	0.96	39.57	ppb
Manganese	55-2	0.03	0.06	0.02	0.04	49.16	ppb
Molybdenum	94-1	0.15	0.12	0.11	0.13	17.55	ppb
Molybdenum	95-1	0.11	0.08	0.08	0.09	13.75	ppb
Molybdenum	96-1	0.09	0.08	0.09	0.09	3.85	ppb
Molybdenum	97-1	0.09	0.08	0.09	0.09	4.92	ppb
Molybdenum	98-1	0.09	0.07	0.08	0.08	12.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.04	-0.13	-0.09		ppb
Phosphorus	31-2	-23.28	-18.66	-26.56	-22.83		ppb
Potassium	39-2	-0.43	-0.93	-0.18	-0.51		ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				87		%
Scandium	45-2				91		%
Selenium	82-1	-0.15	-0.17	-0.16	-0.16		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.49	-1.28	-1.15	-1.31		ppb
Silicon	28-1	-34.90	-33.12	-35.81	-34.61		ppb
Silver	107-1	0.02	0.02	0.02	0.02	16.02	ppb
Silver	109-1	0.04	0.03	0.03	0.03	17.92	ppb
Sodium	23-2	35.47	33.33	32.90	33.90	4.07	ppb
Strontium	86-1	0.00	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	28.11	ppb
Sulfur	34-1	-734.63	-673.04	-678.46	-695.38		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.06	0.05	0.05	9.63	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	6.95	ppb
Tin	118-1	0.01	0.01	0.01	0.01	31.91	ppb
Titanium	47-1	0.06	0.09	0.03	0.06	52.95	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB018 Instrumnet Name : P7
Client Sample ID : CCB018 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:40:44 DataFile Name : 056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.00	0.00	24.13	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	56.98	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	0.20	0.30	0.26	0.25	19.76	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	21.11	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	11.53	ppb

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:25:15 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	207	213	218	6.37	cps
Antimony	121-1	33	20	47	33	40.01	cps
Arsenic	75-2	20	10	0	10	100.00	cps
Barium	135-1	47	33	33	38	20.39	cps
Barium	137-1	60	43	67	57	21.21	cps
Beryllium	9-1	60	90	43	64	36.70	cps
Bismuth	209-1	7181284	7113604	7086236	7127041	0.69	cps
Bismuth	209-2	5898745	5848047	5786256	5844349	0.96	cps
Bromine	81-1	15435	16079	16029	15847	2.26	cps
Bromine	81-2	140	130	113	128	10.54	cps
Cadmium	108-1	23	7	3	11	96.43	cps
Cadmium	106-1	4647	4824	4521	4664	3.27	cps
Cadmium	111-1	930	970	918	939	2.89	cps
Calcium	43-1	297	293	327	306	6.01	cps
Calcium	44-1	6558	6715	6355	6543	2.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	753	840	767	787	5.93	cps
Cobalt	59-2	133	110	123	122	9.58	cps
Copper	63-2	1550	1437	1383	1457	5.84	cps
Dysprosium	156-1	7	7	3	6	34.70	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	63	53	50	30.55	cps
Erbium	164-2	37	23	50	37	36.37	cps
Gadolinium	160-1	47	27	57	43	35.25	cps
Gadolinium	160-2	393	420	397	403	3.60	cps
Holmium	165-1	11273514	11220749	11170917	11221727	0.46	cps
Holmium	165-2	8114356	8105931	7974758	8065015	0.97	cps
Indium	115-1	9168968	9142248	9059949	9123722	0.62	cps
Indium	115-2	3612828	3596375	3619102	3609435	0.33	cps
Iron	56-2	15605	15899	15291	15598	1.95	cps
Iron	57-2	1330	1340	1230	1300	4.68	cps
Iron	54-2	2170	2210	2320	2234	3.48	cps
Krypton	83-1	190	180	217	196	9.69	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:25:15 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	620	520	527	556	10.06	cps
Lead	207-1	393	417	480	430	10.43	cps
Lead	208-1	2220	1977	2090	2096	5.81	cps
Lithium	6-1	883981	874061	873714	877252	0.66	cps
Magnesium	24-2	660	733	697	697	5.26	cps
Manganese	55-2	193	240	200	211	11.95	cps
Molybdenum	94-1	183	260	213	219	17.65	cps
Molybdenum	95-1	103	90	107	100	8.82	cps
Molybdenum	96-1	170	197	160	176	10.80	cps
Molybdenum	97-1	87	77	60	74	18.10	cps
Molybdenum	98-1	160	140	193	164	16.39	cps
Neodymium	150-1	3	7	3	4	43.40	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1573	1543	1670	1596	4.15	cps
Phosphorus	31-2	207	187	207	200	5.77	cps
Potassium	39-2	52982	53286	52346	52871	0.91	cps
Rhodium	103-1	8452497	8389966	8396739	8413067	0.41	cps
Rhodium	103-2	5221901	5143317	5160528	5175249	0.80	cps
Scandium	45-1	4530922	4526536	4567205	4541554	0.49	cps
Scandium	45-2	449884	443765	444404	446018	0.75	cps
Selenium	82-1	317	336	238	297	17.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	420	430	480	443	7.25	cps
Silicon	28-1	817716	816044	818064	817274	0.13	cps
Silver	107-1	67	80	103	83	22.27	cps
Silver	109-1	37	13	53	34	58.34	cps
Sodium	23-2	14093	13609	13659	13787	1.93	cps
Strontium	86-1	273	297	303	291	5.41	cps
Strontium	88-1	177	170	183	177	3.78	cps
Sulfur	34-1	157014	158657	158963	158211	0.66	cps
Terbium	159-1	11474700	11349908	11326587	11383731	0.70	cps
Terbium	159-2	8060027	8103965	7991717	8051903	0.70	cps
Thallium	203-1	153	80	143	126	31.68	cps
Thallium	205-1	277	390	293	320	19.12	cps
Tin	118-1	1127	1070	1080	1092	2.77	cps
Titanium	47-1	50	60	43	51	16.42	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:25:15 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	23	20	27	33.08	cps
Vanadium	51-2	13	3	30	16	86.63	cps
Yttrium	89-1	15432157	15358782	15371938	15387626	0.25	cps
Yttrium	89-2	4483083	4543693	4503232	4510003	0.68	cps
Zinc	66-2	497	433	430	453	8.29	cps
Zirconium	90-1	457	557	443	486	12.76	cps
Zirconium	91-1	83	80	90	84	6.03	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:28:33 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4404	4181	4274	4286	2.62	cps
Antimony	121-1	20248	19547	19754	19849	1.81	cps
Arsenic	75-2	587	613	560	587	4.55	cps
Barium	135-1	25349	25236	25924	25503	1.45	cps
Barium	137-1	44135	44369	44586	44363	0.51	cps
Beryllium	9-1	1100	1100	1067	1089	1.77	cps
Bismuth	209-1	7070357	7030273	7205614	7102081	1.29	cps
Bismuth	209-2	5674974	5697701	5794248	5722308	1.11	cps
Bromine	81-1	16112	16156	16303	16190	0.62	cps
Bromine	81-2	90	120	127	112	17.41	cps
Cadmium	108-1	217	177	170	188	13.44	cps
Cadmium	106-1	5131	4888	4898	4972	2.77	cps
Cadmium	111-1	3351	3341	3617	3437	4.56	cps
Calcium	43-1	13066	13006	13289	13120	1.14	cps
Calcium	44-1	213379	214359	215816	214518	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9396	9210	9266	9291	1.03	cps
Cobalt	59-2	7032	7138	6718	6963	3.14	cps
Copper	63-2	10384	10297	10140	10274	1.20	cps
Dysprosium	156-1	17	10	10	12	31.50	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	67	47	37	50	30.55	cps
Erbium	164-2	37	23	37	32	23.90	cps
Gadolinium	160-1	63	37	37	46	33.79	cps
Gadolinium	160-2	380	457	427	421	9.17	cps
Holmium	165-1	11220558	11169126	11159461	11183048	0.29	cps
Holmium	165-2	8137747	7954647	8029717	8040703	1.14	cps
Indium	115-1	9224932	9085358	9151647	9153979	0.76	cps
Indium	115-2	3571222	3670563	3594932	3612239	1.44	cps
Iron	56-2	216275	216502	216451	216409	0.06	cps
Iron	57-2	6411	6438	6645	6498	1.97	cps
Iron	54-2	13176	13670	13369	13405	1.86	cps
Krypton	83-1	220	153	203	192	18.05	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:28:33 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8339	7982	7952	8091	2.66	cps
Lead	207-1	7185	7062	6945	7064	1.70	cps
Lead	208-1	32642	32332	31912	32295	1.14	cps
Lithium	6-1	881503	876554	882660	880239	0.37	cps
Magnesium	24-2	182414	182033	179541	181329	0.86	cps
Manganese	55-2	3514	3690	3637	3614	2.51	cps
Molybdenum	94-1	20458	20832	20778	20689	0.98	cps
Molybdenum	95-1	25245	25118	24818	25060	0.88	cps
Molybdenum	96-1	28074	27890	27392	27785	1.27	cps
Molybdenum	97-1	15722	15742	15655	15706	0.29	cps
Molybdenum	98-1	39774	40807	40767	40449	1.45	cps
Neodymium	150-1	7	7	23	12	78.69	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3267	3160	3400	3276	3.67	cps
Phosphorus	31-2	560	470	593	541	11.79	cps
Potassium	39-2	301880	301006	299971	300952	0.32	cps
Rhodium	103-1	8481797	8456427	8461392	8466538	0.16	cps
Rhodium	103-2	5159160	5202742	5132667	5164856	0.69	cps
Scandium	45-1	4549799	4505487	4592346	4549211	0.95	cps
Scandium	45-2	443489	442330	447040	444287	0.55	cps
Selenium	82-1	1102	1144	1034	1093	5.10	cps
Selenium	77-2	133	133	97	121	17.48	cps
Selenium	78-2	740	713	663	706	5.52	cps
Silicon	28-1	834392	835404	841114	836970	0.43	cps
Silver	107-1	13103	12929	12929	12987	0.77	cps
Silver	109-1	11952	11932	11691	11858	1.22	cps
Sodium	23-2	300424	297132	298004	298520	0.57	cps
Strontium	86-1	3524	3394	3400	3439	2.13	cps
Strontium	88-1	28140	27917	27823	27960	0.58	cps
Sulfur	34-1	159162	160300	161729	160397	0.80	cps
Terbium	159-1	11429034	11538241	11457030	11474768	0.49	cps
Terbium	159-2	7956322	7981352	8136018	8024564	1.21	cps
Thallium	203-1	9367	9567	9343	9426	1.30	cps
Thallium	205-1	23076	22639	23070	22928	1.09	cps
Tin	118-1	42302	42927	43295	42841	1.17	cps
Titanium	47-1	6115	6071	6098	6095	0.36	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:28:33 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28410	28992	28467	28623	1.12	cps
Vanadium	51-2	18752	18558	19146	18818	1.59	cps
Yttrium	89-1	15384197	15507196	15395918	15429104	0.44	cps
Yttrium	89-2	4467253	4453886	4519208	4480116	0.77	cps
Zinc	66-2	4364	4514	4564	4481	2.32	cps
Zirconium	90-1	17297	17174	17414	17295	0.69	cps
Zirconium	91-1	3794	3737	3717	3749	1.06	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:31:52 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189066	192368	189669	190368	0.92	cps
Antimony	121-1	455494	461912	462432	459946	0.84	cps
Arsenic	75-2	25632	25939	25809	25794	0.60	cps
Barium	135-1	591675	592181	591981	591946	0.04	cps
Barium	137-1	1020200	1029003	1025164	1024789	0.43	cps
Beryllium	9-1	49024	50054	50044	49707	1.19	cps
Bismuth	209-1	7157038	7086465	7059493	7100999	0.71	cps
Bismuth	209-2	5636014	5152781	5802843	5530546	6.10	cps
Bromine	81-1	15431	14571	14461	14821	3.59	cps
Bromine	81-2	117	87	113	106	15.58	cps
Cadmium	108-1	9280	9306	8946	9177	2.19	cps
Cadmium	106-1	17958	17934	17134	17675	2.66	cps
Cadmium	111-1	116218	116433	115714	116122	0.32	cps
Calcium	43-1	118911	117322	116738	117657	0.96	cps
Calcium	44-1	1822715	1822553	1833684	1826318	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	190659	192022	190588	191090	0.42	cps
Cobalt	59-2	292144	293257	290520	291974	0.47	cps
Copper	63-2	2092116	2044534	2045374	2060674	1.32	cps
Dysprosium	156-1	27	23	17	22	22.91	cps
Dysprosium	156-2	37	27	37	33	17.32	cps
Erbium	164-1	67	47	57	57	17.65	cps
Erbium	164-2	47	30	43	40	22.05	cps
Gadolinium	160-1	40	30	43	38	18.36	cps
Gadolinium	160-2	400	330	403	378	10.96	cps
Holmium	165-1	11233692	11191468	11078348	11167836	0.72	cps
Holmium	165-2	7944238	7200801	8070855	7738631	6.07	cps
Indium	115-1	9103067	9045720	8873770	9007519	1.32	cps
Indium	115-2	3501228	3129840	3514779	3381949	6.46	cps
Iron	56-2	8972353	8925293	8801777	8899807	0.99	cps
Iron	57-2	227314	229587	227745	228215	0.53	cps
Iron	54-2	500617	504356	499211	501395	0.53	cps
Krypton	83-1	143	107	117	122	15.51	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:31:52 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1901358	1889818	1917363	1902846	0.73	cps
Lead	207-1	1540408	1548145	1556066	1548206	0.51	cps
Lead	208-1	7586687	7574799	7556852	7572779	0.20	cps
Lithium	6-1	889616	880526	882865	884335	0.53	cps
Magnesium	24-2	1675652	1686727	1676660	1679680	0.36	cps
Manganese	55-2	1520300	1542178	1518973	1527150	0.85	cps
Molybdenum	94-1	1637036	1595637	1617071	1616581	1.28	cps
Molybdenum	95-1	2368371	2412280	2343672	2374774	1.46	cps
Molybdenum	96-1	2579622	2617977	2560272	2585957	1.14	cps
Molybdenum	97-1	1461448	1468622	1435565	1455212	1.19	cps
Molybdenum	98-1	3804027	3775744	3745276	3775016	0.78	cps
Neodymium	150-1	43	30	43	39	19.79	cps
Neodymium	150-2	13	17	30	20	44.10	cps
Nickel	60-2	76507	75947	75760	76072	0.51	cps
Phosphorus	31-2	10037	10057	9950	10014	0.57	cps
Potassium	39-2	1200425	1204926	1195324	1200225	0.40	cps
Rhodium	103-1	8535467	8387650	8224728	8382615	1.85	cps
Rhodium	103-2	4932286	4523662	5019344	4825097	5.48	cps
Scandium	45-1	4566125	4463837	4416190	4482051	1.71	cps
Scandium	45-2	432932	382477	435756	417055	7.19	cps
Selenium	82-1	7720	7430	7524	7558	1.96	cps
Selenium	77-2	800	807	770	792	2.47	cps
Selenium	78-2	3220	3210	3274	3235	1.05	cps
Silicon	28-1	1262487	1253062	1269748	1261766	0.66	cps
Silver	107-1	604420	603554	598203	602059	0.56	cps
Silver	109-1	573706	574642	572807	573718	0.16	cps
Sodium	23-2	2611536	2635589	2624051	2623725	0.46	cps
Strontium	86-1	149109	148755	146678	148181	0.89	cps
Strontium	88-1	1279482	1284437	1275378	1279766	0.35	cps
Sulfur	34-1	182769	182347	180222	181779	0.75	cps
Terbium	159-1	11620259	11562276	11312617	11498384	1.42	cps
Terbium	159-2	7816020	7154525	8046001	7672182	6.03	cps
Thallium	203-1	436565	438624	443748	439646	0.84	cps
Thallium	205-1	1040504	1050718	1052277	1047833	0.61	cps
Tin	118-1	387916	387392	387475	387594	0.07	cps
Titanium	47-1	541011	541107	537521	539880	0.38	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:31:52 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1379834	1385862	1388874	1384857	0.33	cps
Vanadium	51-2	166823	168134	166240	167066	0.58	cps
Yttrium	89-1	15513081	15285815	15112378	15303758	1.31	cps
Yttrium	89-2	4327252	3964679	4391889	4227940	5.45	cps
Zinc	66-2	361087	363741	361774	362201	0.38	cps
Zirconium	90-1	794508	789081	787972	790521	0.44	cps
Zirconium	91-1	175435	175013	174996	175148	0.14	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:34:57 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	457926	455462	455590	456326	0.30	cps
Antimony	121-1	1128021	1136408	1130525	1131651	0.38	cps
Arsenic	75-2	61132	61406	61098	61212	0.28	cps
Barium	135-1	1458242	1467070	1465956	1463756	0.33	cps
Barium	137-1	2694269	2655300	2697107	2682225	0.87	cps
Beryllium	9-1	122867	122703	121762	122444	0.49	cps
Bismuth	209-1	7108963	7069649	7090086	7089566	0.28	cps
Bismuth	209-2	5692290	5740761	5749377	5727476	0.54	cps
Bromine	81-1	14474	14047	13456	13992	3.65	cps
Bromine	81-2	137	80	93	103	28.67	cps
Cadmium	108-1	22027	21973	21806	21936	0.52	cps
Cadmium	106-1	35092	35326	35510	35310	0.59	cps
Cadmium	111-1	279359	281986	278887	280077	0.60	cps
Calcium	43-1	281237	281628	276879	279915	0.94	cps
Calcium	44-1	4327598	4316576	4352750	4332308	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	461163	456272	456642	458026	0.59	cps
Cobalt	59-2	702663	703564	694416	700214	0.72	cps
Copper	63-2	4919126	4924319	4824566	4889337	1.15	cps
Dysprosium	156-1	20	47	27	31	44.61	cps
Dysprosium	156-2	83	67	100	83	20.00	cps
Erbium	164-1	57	77	67	67	15.00	cps
Erbium	164-2	60	43	27	43	38.46	cps
Gadolinium	160-1	20	57	53	43	46.79	cps
Gadolinium	160-2	450	410	360	407	11.09	cps
Holmium	165-1	11208396	11216383	11145450	11190076	0.35	cps
Holmium	165-2	8054518	7969516	8064926	8029653	0.65	cps
Indium	115-1	8945378	8785299	8816761	8849146	0.96	cps
Indium	115-2	3470228	3466254	3404069	3446850	1.08	cps
Iron	56-2	21487748	21140342	21204513	21277534	0.87	cps
Iron	57-2	548521	547373	543518	546471	0.48	cps
Iron	54-2	1198514	1195445	1192507	1195489	0.25	cps
Krypton	83-1	173	180	177	177	1.88	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:34:57 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4874532	4975133	4852682	4900782	1.33	cps
Lead	207-1	4265349	4342984	4221694	4276676	1.44	cps
Lead	208-1	19493618	19751984	19493224	19579609	0.76	cps
Lithium	6-1	890658	895650	887902	891403	0.44	cps
Magnesium	24-2	4035266	4026691	3995277	4019078	0.52	cps
Manganese	55-2	3685213	3658716	3643115	3662348	0.58	cps
Molybdenum	94-1	3952905	3942360	3920763	3938676	0.42	cps
Molybdenum	95-1	5799683	5745613	5725076	5756791	0.67	cps
Molybdenum	96-1	6279953	6303094	6298286	6293778	0.19	cps
Molybdenum	97-1	3641429	3595442	3544303	3593725	1.35	cps
Molybdenum	98-1	9329187	9228496	9206080	9254588	0.71	cps
Neodymium	150-1	103	80	117	100	18.56	cps
Neodymium	150-2	23	37	23	28	27.73	cps
Nickel	60-2	179926	179064	178269	179086	0.46	cps
Phosphorus	31-2	24106	23842	23658	23869	0.94	cps
Potassium	39-2	2707188	2708335	2754049	2723191	0.98	cps
Rhodium	103-1	8126037	8013398	7906812	8015416	1.37	cps
Rhodium	103-2	4893037	4921021	4832261	4882107	0.93	cps
Scandium	45-1	4326892	4220232	4198861	4248662	1.61	cps
Scandium	45-2	419295	418076	417832	418401	0.19	cps
Selenium	82-1	17579	17470	17271	17440	0.90	cps
Selenium	77-2	1967	2087	2260	2105	7.01	cps
Selenium	78-2	7335	7342	7145	7274	1.54	cps
Silicon	28-1	1514563	1454377	1457696	1475546	2.29	cps
Silver	107-1	1448321	1447740	1441470	1445844	0.26	cps
Silver	109-1	1391244	1391202	1386851	1389766	0.18	cps
Sodium	23-2	6399029	6345952	6331581	6358854	0.56	cps
Strontium	86-1	356598	356018	356750	356456	0.11	cps
Strontium	88-1	3228063	3189112	3173360	3196845	0.88	cps
Sulfur	34-1	216664	212888	211503	213685	1.25	cps
Terbium	159-1	11648311	11352875	11500987	11500725	1.28	cps
Terbium	159-2	7987097	8057736	8026341	8023725	0.44	cps
Thallium	203-1	1095042	1111279	1111879	1106067	0.86	cps
Thallium	205-1	2866476	2892251	2874733	2877820	0.46	cps
Tin	118-1	952431	953145	946768	950782	0.37	cps
Titanium	47-1	1295658	1262681	1284922	1281087	1.31	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:34:57 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3926666	3914577	3893073	3911439	0.44	cps
Vanadium	51-2	404958	399887	401752	402199	0.64	cps
Yttrium	89-1	15001720	14960459	14793886	14918688	0.74	cps
Yttrium	89-2	4351591	4279568	4286073	4305744	0.93	cps
Zinc	66-2	878677	872212	878333	876407	0.42	cps
Zirconium	90-1	1963891	1972024	1944909	1960275	0.71	cps
Zirconium	91-1	427688	429157	424370	427072	0.57	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:37:54 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	892536	884057	874779	883790	1.00	cps
Antimony	121-1	2362187	2327945	2349536	2346556	0.74	cps
Arsenic	75-2	118384	117272	118525	118060	0.58	cps
Barium	135-1	3110435	3050019	3077694	3079382	0.98	cps
Barium	137-1	5319445	5318634	5259803	5299294	0.65	cps
Beryllium	9-1	241425	239777	237963	239721	0.72	cps
Bismuth	209-1	7248986	7184719	7162658	7198787	0.62	cps
Bismuth	209-2	5736620	5728773	6255713	5907035	5.11	cps
Bromine	81-1	13139	13520	12842	13167	2.58	cps
Bromine	81-2	93	107	97	99	7.02	cps
Cadmium	108-1	42937	43167	42780	42961	0.45	cps
Cadmium	106-1	64877	65928	63906	64904	1.56	cps
Cadmium	111-1	555197	551836	540968	549334	1.35	cps
Calcium	43-1	539400	535268	529253	534640	0.95	cps
Calcium	44-1	8411918	8247634	8196871	8285474	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	883211	883998	872392	879867	0.74	cps
Cobalt	59-2	1353700	1348345	1323448	1341831	1.20	cps
Copper	63-2	9500749	9418648	9351321	9423573	0.79	cps
Dysprosium	156-1	60	70	73	68	10.24	cps
Dysprosium	156-2	140	130	167	146	13.02	cps
Erbium	164-1	63	103	57	74	33.90	cps
Erbium	164-2	63	57	60	60	5.55	cps
Gadolinium	160-1	67	90	43	67	35.00	cps
Gadolinium	160-2	393	427	487	436	10.86	cps
Holmium	165-1	11282246	11306246	11223436	11270643	0.38	cps
Holmium	165-2	8111135	7987988	8737755	8278959	4.86	cps
Indium	115-1	8698778	8682901	8609026	8663569	0.55	cps
Indium	115-2	3380466	3396205	3665646	3480772	4.61	cps
Iron	56-2	41826418	41619589	40824936	41423647	1.28	cps
Iron	57-2	1060974	1056793	1048771	1055513	0.59	cps
Iron	54-2	2259039	2292751	2234805	2262198	1.29	cps
Krypton	83-1	133	167	123	141	16.08	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:37:54 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9959729	9944689	10008630	9971016	0.34	cps
Lead	207-1	8769017	8703661	8710209	8727629	0.41	cps
Lead	208-1	40065585	40030204	40228388	40108059	0.26	cps
Lithium	6-1	892323	895018	896872	894738	0.26	cps
Magnesium	24-2	7861010	7826382	7653830	7780408	1.43	cps
Manganese	55-2	7294031	7154816	7021466	7156771	1.90	cps
Molybdenum	94-1	7840907	7824012	7747942	7804287	0.63	cps
Molybdenum	95-1	11427550	11366530	11273583	11355888	0.68	cps
Molybdenum	96-1	12351720	12299399	12182349	12277822	0.71	cps
Molybdenum	97-1	7117458	7033280	6917789	7022842	1.43	cps
Molybdenum	98-1	18259866	18006618	17938713	18068399	0.94	cps
Neodymium	150-1	127	207	177	170	23.77	cps
Neodymium	150-2	47	53	37	46	18.41	cps
Nickel	60-2	344096	343059	338768	341974	0.83	cps
Phosphorus	31-2	46133	45387	45310	45610	1.00	cps
Potassium	39-2	5156070	5124392	5057987	5112816	0.98	cps
Rhodium	103-1	7770242	7762048	7558982	7697091	1.55	cps
Rhodium	103-2	4758748	4743203	5194302	4898751	5.23	cps
Scandium	45-1	4121742	4085964	3999792	4069166	1.54	cps
Scandium	45-2	408001	404116	440623	417580	4.80	cps
Selenium	82-1	34170	34216	33697	34028	0.85	cps
Selenium	77-2	3924	4034	3837	3932	2.51	cps
Selenium	78-2	13309	13153	13483	13315	1.24	cps
Silicon	28-1	1836790	1833803	1793261	1821284	1.34	cps
Silver	107-1	2990985	2941607	2958779	2963790	0.85	cps
Silver	109-1	2861462	2810863	2763167	2811831	1.75	cps
Sodium	23-2	12400708	12370976	12278498	12350061	0.52	cps
Strontium	86-1	697374	698531	692666	696190	0.45	cps
Strontium	88-1	6286515	6310520	6202187	6266407	0.91	cps
Sulfur	34-1	269090	268785	262996	266957	1.29	cps
Terbium	159-1	11580320	11266500	11492951	11446590	1.41	cps
Terbium	159-2	7911201	7960246	8751978	8207808	5.75	cps
Thallium	203-1	2458364	2471890	2443647	2457967	0.57	cps
Thallium	205-1	5870313	5940365	5984790	5931822	0.97	cps
Tin	118-1	1968928	1940205	1968213	1959115	0.84	cps
Titanium	47-1	2467244	2461095	2424074	2450804	0.95	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:37:54 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8003064	8039535	8061122	8034574	0.37	cps
Vanadium	51-2	781833	772397	768774	774335	0.87	cps
Yttrium	89-1	14636816	14515301	14358916	14503677	0.96	cps
Yttrium	89-2	4186109	4217768	4482805	4295561	3.79	cps
Zinc	66-2	1725675	1751512	1738789	1738659	0.74	cps
Zirconium	90-1	3902023	3835794	3848346	3862054	0.91	cps
Zirconium	91-1	842955	846534	830721	840070	0.99	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:40:42 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1739836	1723576	1741406	1734939	0.57	cps
Antimony	121-1	4630726	4643240	4594020	4622662	0.55	cps
Arsenic	75-2	228871	229399	231365	229878	0.57	cps
Barium	135-1	6090992	6058103	6031258	6060118	0.49	cps
Barium	137-1	10419780	10467224	10387388	10424797	0.39	cps
Beryllium	9-1	462745	459846	454935	459175	0.86	cps
Bismuth	209-1	7177642	7186550	7176352	7180181	0.08	cps
Bismuth	209-2	5729127	5801012	5731562	5753901	0.71	cps
Bromine	81-1	12455	12809	12495	12587	1.54	cps
Bromine	81-2	137	77	90	101	31.16	cps
Cadmium	108-1	83384	83595	82208	83062	0.90	cps
Cadmium	106-1	120813	121166	120410	120797	0.31	cps
Cadmium	111-1	1058226	1062958	1052616	1057933	0.49	cps
Calcium	43-1	1023043	1016515	1000649	1013402	1.14	cps
Calcium	44-1	15876411	15646938	15780869	15768073	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1717314	1742726	1707385	1722475	1.06	cps
Cobalt	59-2	2673507	2643048	2663535	2660030	0.58	cps
Copper	63-2	18268245	18080170	18169276	18172564	0.52	cps
Dysprosium	156-1	113	113	130	119	8.10	cps
Dysprosium	156-2	300	340	303	314	7.06	cps
Erbium	164-1	103	77	97	92	15.05	cps
Erbium	164-2	83	70	90	81	12.55	cps
Gadolinium	160-1	100	107	83	97	12.44	cps
Gadolinium	160-2	430	427	357	404	10.24	cps
Holmium	165-1	11412351	11483532	11353847	11416576	0.57	cps
Holmium	165-2	8185023	8228925	8139100	8184349	0.55	cps
Indium	115-1	8497698	8450856	8386866	8445140	0.66	cps
Indium	115-2	3302001	3306881	3292870	3300584	0.22	cps
Iron	56-2	80882334	80399195	80056389	80445973	0.52	cps
Iron	57-2	2043685	2000121	1993021	2012276	1.36	cps
Iron	54-2	4456694	4412728	4384934	4418119	0.82	cps
Krypton	83-1	183	157	153	164	10.00	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:40:42 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19957663	19756503	20108775	19940980	0.89	cps
Lead	207-1	17596822	17594198	17561646	17584222	0.11	cps
Lead	208-1	80114675	80064462	80471081	80216739	0.28	cps
Lithium	6-1	890424	895367	890473	892088	0.32	cps
Magnesium	24-2	15474630	15259213	15114872	15282905	1.18	cps
Manganese	55-2	13952546	14024406	13879479	13952144	0.52	cps
Molybdenum	94-1	15174839	15015419	15093889	15094716	0.53	cps
Molybdenum	95-1	21904530	21894270	21851640	21883480	0.13	cps
Molybdenum	96-1	24094014	23977144	23849984	23973714	0.51	cps
Molybdenum	97-1	13695715	13773065	13550453	13673078	0.83	cps
Molybdenum	98-1	35416928	35282369	34809676	35169658	0.91	cps
Neodymium	150-1	383	330	260	324	19.06	cps
Neodymium	150-2	80	70	90	80	12.50	cps
Nickel	60-2	652289	650744	651793	651609	0.12	cps
Phosphorus	31-2	86747	86147	86576	86490	0.36	cps
Potassium	39-2	9946196	9786337	9928623	9887052	0.89	cps
Rhodium	103-1	7564018	7452203	7400902	7472374	1.12	cps
Rhodium	103-2	4668286	4677900	4613861	4653349	0.74	cps
Scandium	45-1	3943399	3883588	3897181	3908056	0.80	cps
Scandium	45-2	394222	391995	392147	392788	0.32	cps
Selenium	82-1	64619	63994	64061	64225	0.53	cps
Selenium	77-2	7662	7489	7225	7459	2.95	cps
Selenium	78-2	25545	25599	25175	25440	0.91	cps
Silicon	28-1	2607832	2580129	2543452	2577138	1.25	cps
Silver	107-1	5659294	5689585	5549776	5632885	1.31	cps
Silver	109-1	5471189	5406010	5385904	5421034	0.82	cps
Sodium	23-2	23921012	24245738	24089831	24085527	0.67	cps
Strontium	86-1	1348951	1347829	1333194	1343325	0.65	cps
Strontium	88-1	12118209	12103431	12093249	12104963	0.10	cps
Sulfur	34-1	382007	377136	374420	377854	1.02	cps
Terbium	159-1	11588151	11775432	11668873	11677485	0.80	cps
Terbium	159-2	8110425	8017516	8060440	8062794	0.58	cps
Thallium	203-1	4968139	4958664	4946629	4957811	0.22	cps
Thallium	205-1	11926161	11829747	11962581	11906163	0.58	cps
Tin	118-1	3858466	3866591	3812012	3845690	0.77	cps
Titanium	47-1	4704555	4698846	4631902	4678434	0.86	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:40:42 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16247264	16452463	16192700	16297475	0.84	cps
Vanadium	51-2	1511129	1494838	1498910	1501626	0.56	cps
Yttrium	89-1	14062431	14065545	14116554	14081510	0.22	cps
Yttrium	89-2	4091460	4134693	4116434	4114195	0.53	cps
Zinc	66-2	3383235	3348466	3322454	3351385	0.91	cps
Zirconium	90-1	7416847	7367300	7430395	7404847	0.45	cps
Zirconium	91-1	1658021	1613510	1628998	1633510	1.38	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:43:28 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3384141	3449535	3429298	3420991	0.98	cps
Antimony	121-1	9114576	9141991	9203215	9153261	0.50	cps
Arsenic	75-2	453097	451706	452431	452411	0.15	cps
Barium	135-1	11929524	12067859	11981243	11992875	0.58	cps
Barium	137-1	20604364	20915101	20864378	20794614	0.80	cps
Beryllium	9-1	877690	885574	883088	882117	0.46	cps
Bismuth	209-1	7336833	7181971	7144177	7220994	1.41	cps
Bismuth	209-2	5604817	5608834	5639677	5617776	0.34	cps
Bromine	81-1	13253	12889	13046	13063	1.40	cps
Bromine	81-2	93	87	70	83	14.42	cps
Cadmium	108-1	159687	162613	161713	161338	0.93	cps
Cadmium	106-1	230578	231789	230321	230896	0.34	cps
Cadmium	111-1	2136411	2169924	2151244	2152526	0.78	cps
Calcium	43-1	1917650	1925579	1918176	1920468	0.23	cps
Calcium	44-1	30950557	31086340	30880882	30972593	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3365308	3344269	3428985	3379521	1.31	cps
Cobalt	59-2	5181336	5129154	5144952	5151814	0.52	cps
Copper	63-2	35279384	35156331	35477232	35304316	0.46	cps
Dysprosium	156-1	207	240	250	232	9.77	cps
Dysprosium	156-2	663	660	610	644	4.64	cps
Erbium	164-1	183	173	223	193	13.68	cps
Erbium	164-2	120	163	167	150	17.36	cps
Gadolinium	160-1	160	157	167	161	3.16	cps
Gadolinium	160-2	450	473	457	460	2.61	cps
Holmium	165-1	11726261	11313128	11361452	11466947	1.97	cps
Holmium	165-2	8143428	8164683	8099678	8135929	0.41	cps
Indium	115-1	8550243	8239570	8223113	8337642	2.21	cps
Indium	115-2	3230161	3187115	3231369	3216215	0.78	cps
Iron	56-2	158108058	159673014	157600691	158460588	0.68	cps
Iron	57-2	4004888	3943644	3935394	3961309	0.96	cps
Iron	54-2	8626790	8565573	8649914	8614092	0.51	cps
Krypton	83-1	167	127	153	149	13.68	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:43:28 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39746669	39565771	39478181	39596874	0.35	cps
Lead	207-1	34753169	34924891	34861360	34846473	0.25	cps
Lead	208-1	158659443	160306438	159344627	159436836	0.52	cps
Lithium	6-1	889636	882857	877846	883446	0.67	cps
Magnesium	24-2	29846684	30012453	29950384	29936507	0.28	cps
Manganese	55-2	27552511	27464480	27314258	27443750	0.44	cps
Molybdenum	94-1	29458665	29786827	29853936	29699810	0.71	cps
Molybdenum	95-1	42723187	43031046	42981543	42911925	0.39	cps
Molybdenum	96-1	47328314	46748023	47124149	47066829	0.63	cps
Molybdenum	97-1	26833569	27063487	26924575	26940544	0.43	cps
Molybdenum	98-1	68944071	69265921	69256637	69155543	0.26	cps
Neodymium	150-1	697	733	720	717	2.59	cps
Neodymium	150-2	180	240	173	198	18.57	cps
Nickel	60-2	1259938	1254110	1261202	1258417	0.30	cps
Phosphorus	31-2	171225	168711	170891	170276	0.80	cps
Potassium	39-2	19349636	19529254	19665655	19514849	0.81	cps
Rhodium	103-1	7563263	7235277	7257577	7352039	2.49	cps
Rhodium	103-2	4556349	4574859	4593298	4574835	0.40	cps
Scandium	45-1	3949523	3815297	3848202	3871008	1.81	cps
Scandium	45-2	392111	388891	393044	391349	0.56	cps
Selenium	82-1	124829	124613	124144	124529	0.28	cps
Selenium	77-2	14911	14157	14801	14623	2.79	cps
Selenium	78-2	49362	49008	49546	49305	0.55	cps
Silicon	28-1	4210819	4187155	4096110	4164695	1.45	cps
Silver	107-1	10944597	10906808	10964644	10938683	0.27	cps
Silver	109-1	10435582	10497675	10526429	10486562	0.44	cps
Sodium	23-2	47422344	47545059	47591136	47519513	0.18	cps
Strontium	86-1	2722801	2752610	2696414	2723941	1.03	cps
Strontium	88-1	23699031	23863780	23801610	23788140	0.35	cps
Sulfur	34-1	625427	624101	626346	625292	0.18	cps
Terbium	159-1	11964385	11748431	11450008	11720941	2.20	cps
Terbium	159-2	8173666	7947440	8009498	8043535	1.45	cps
Thallium	203-1	9783790	9863876	9744185	9797284	0.62	cps
Thallium	205-1	23661945	23595623	23591222	23616264	0.17	cps
Tin	118-1	7499053	7614749	7612192	7575331	0.87	cps
Titanium	47-1	9140797	9185553	9179929	9168760	0.27	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:43:28 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32685747	33001470	32622754	32769990	0.62	cps
Vanadium	51-2	2991924	2962459	3039396	2997926	1.29	cps
Yttrium	89-1	14375201	13832181	13811396	14006260	2.28	cps
Yttrium	89-2	4095274	4052873	4124569	4090905	0.88	cps
Zinc	66-2	6516049	6447784	6535335	6499723	0.71	cps
Zirconium	90-1	14622826	14742249	14769409	14711495	0.53	cps
Zirconium	91-1	3230287	3273277	3241360	3248308	0.69	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:46:12 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18147959	17939686	17978007	18021884	0.62	cps
Antimony	121-1	2744	2574	2610	2642	3.39	cps
Arsenic	75-2	263	267	250	260	3.39	cps
Barium	135-1	4097	4124	4131	4117	0.43	cps
Barium	137-1	7382	7289	7022	7231	2.59	cps
Beryllium	9-1	313	230	203	249	23.05	cps
Bismuth	209-1	6291134	6202351	6271925	6255137	0.75	cps
Bismuth	209-2	5020832	4993715	4963287	4992611	0.58	cps
Bromine	81-1	13323	13560	13973	13619	2.42	cps
Bromine	81-2	107	103	113	108	4.73	cps
Cadmium	108-1	113	103	67	94	26.02	cps
Cadmium	106-1	4177	4174	4307	4220	1.80	cps
Cadmium	111-1	1026	1026	1125	1059	5.39	cps
Calcium	43-1	9862326	9956774	9921882	9913661	0.48	cps
Calcium	44-1	160908598	161063418	161559618	161177211	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8429	8897	8613	8646	2.73	cps
Cobalt	59-2	13776	14107	14140	14008	1.43	cps
Copper	63-2	5521	5604	5258	5461	3.31	cps
Dysprosium	156-1	323	407	270	333	20.66	cps
Dysprosium	156-2	283	300	277	287	4.19	cps
Erbium	164-1	393	470	437	433	8.87	cps
Erbium	164-2	323	303	343	323	6.19	cps
Gadolinium	160-1	343	343	330	339	2.27	cps
Gadolinium	160-2	613	603	683	633	6.88	cps
Holmium	165-1	10904112	10799990	10848772	10850958	0.48	cps
Holmium	165-2	7735784	7769926	7801228	7768979	0.42	cps
Indium	115-1	7854380	7854220	7924097	7877566	0.51	cps
Indium	115-2	3095819	3148461	3185216	3143165	1.43	cps
Iron	56-2	787368388	782110522	789795642	786424851	0.50	cps
Iron	57-2	19913622	19991319	19763133	19889358	0.58	cps
Iron	54-2	42491259	42146792	42416429	42351494	0.43	cps
Krypton	83-1	163	217	203	194	14.27	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:46:12 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3624	3564	3347	3512	4.15	cps
Lead	207-1	3174	3287	2904	3122	6.31	cps
Lead	208-1	14353	14513	13626	14164	3.34	cps
Lithium	6-1	840780	848750	842792	844107	0.49	cps
Magnesium	24-2	156725518	156378008	156069941	156391155	0.21	cps
Manganese	55-2	13763	14327	14387	14159	2.43	cps
Molybdenum	94-1	12555	12726	12642	12641	0.67	cps
Molybdenum	95-1	4754	5051	5028	4944	3.34	cps
Molybdenum	96-1	16680	16686	16186	16517	1.74	cps
Molybdenum	97-1	3227	3134	3190	3184	1.48	cps
Molybdenum	98-1	7595	7572	7138	7435	3.46	cps
Neodymium	150-1	180	223	230	211	12.86	cps
Neodymium	150-2	120	147	123	130	11.18	cps
Nickel	60-2	6501	6425	6598	6508	1.34	cps
Phosphorus	31-2	183	187	170	180	4.90	cps
Potassium	39-2	102011945	101147002	101825762	101661570	0.45	cps
Rhodium	103-1	6636203	6717437	6775791	6709810	1.04	cps
Rhodium	103-2	4162446	4191500	4248504	4200817	1.04	cps
Scandium	45-1	3780795	3887862	3892753	3853803	1.64	cps
Scandium	45-2	399146	397505	398518	398390	0.21	cps
Selenium	82-1	416	406	353	392	8.53	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	363	313	363	347	8.33	cps
Silicon	28-1	619004	623675	619221	620634	0.42	cps
Silver	107-1	1093	983	980	1019	6.33	cps
Silver	109-1	1030	777	793	867	16.35	cps
Sodium	23-2	245940463	244344590	246458850	245581301	0.45	cps
Strontium	86-1	9306	8836	9216	9120	2.74	cps
Strontium	88-1	77667	77191	77824	77561	0.43	cps
Sulfur	34-1	120104	122674	124518	122432	1.81	cps
Terbium	159-1	11036369	11096907	11054545	11062607	0.28	cps
Terbium	159-2	7731899	7567844	7679586	7659777	1.09	cps
Thallium	203-1	600	543	557	567	5.23	cps
Thallium	205-1	1440	1343	1233	1339	7.72	cps
Tin	118-1	2277	2150	2160	2196	3.21	cps
Titanium	47-1	530	737	653	640	16.25	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 17:46:12 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1010	743	757	837	17.96	cps
Vanadium	51-2	857	850	810	839	3.01	cps
Yttrium	89-1	13503272	13653968	13705107	13620783	0.77	cps
Yttrium	89-2	4006787	4048797	4099252	4051612	1.14	cps
Zinc	66-2	2970	3027	3350	3116	6.58	cps
Zirconium	90-1	25405	25873	25806	25695	0.98	cps
Zirconium	91-1	5708	5654	5564	5642	1.28	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICV004 Instrumnet Name : P7
Client Sample ID : ICV004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:02:02 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85037	84715	84397	84716	0.38	cps
Antimony	121-1	1881482	1865710	1878899	1875364	0.45	cps
Arsenic	75-2	97937	95679	96189	96601	1.23	cps
Barium	135-1	233653	236867	235401	235307	0.68	cps
Barium	137-1	408052	410989	409641	409560	0.36	cps
Beryllium	9-1	94320	94109	93096	93842	0.70	cps
Bismuth	209-1	7388593	7253856	7278518	7306989	0.98	cps
Bismuth	209-2	5884676	5862012	5877059	5874582	0.20	cps
Bromine	81-1	13039	12976	13043	13019	0.29	cps
Bromine	81-2	117	100	107	108	7.78	cps
Cadmium	108-1	25302	24297	24411	24670	2.23	cps
Cadmium	106-1	40329	40403	41245	40659	1.25	cps
Cadmium	111-1	222822	225128	226145	224698	0.76	cps
Calcium	43-1	45358	45508	45561	45476	0.23	cps
Calcium	44-1	699862	700129	696829	698940	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	359068	356253	360760	358694	0.63	cps
Cobalt	59-2	549357	548152	547338	548283	0.19	cps
Copper	63-2	378012	377496	375292	376934	0.38	cps
Dysprosium	156-1	13	13	13	13	0.00	cps
Dysprosium	156-2	30	27	33	30	11.10	cps
Erbium	164-1	33	67	47	49	34.32	cps
Erbium	164-2	50	57	40	49	17.16	cps
Gadolinium	160-1	30	33	43	36	19.51	cps
Gadolinium	160-2	420	470	413	434	7.13	cps
Holmium	165-1	11301938	11235027	11162645	11233203	0.62	cps
Holmium	165-2	8049485	7991076	8056462	8032341	0.45	cps
Indium	115-1	8603665	8515867	8371037	8496856	1.38	cps
Indium	115-2	3376172	3320451	3337308	3344644	0.85	cps
Iron	56-2	6608847	6543324	6521979	6558050	0.69	cps
Iron	57-2	170013	167710	166109	167944	1.17	cps
Iron	54-2	378322	376719	374016	376352	0.58	cps
Krypton	83-1	143	170	123	146	16.09	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICV004 Instrumnet Name : P7
Client Sample ID : ICV004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:02:02 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1519848	1524269	1532814	1525644	0.43	cps
Lead	207-1	1268823	1280548	1275891	1275087	0.46	cps
Lead	208-1	6275943	6231574	6273981	6260499	0.40	cps
Lithium	6-1	886297	886606	882227	885043	0.28	cps
Magnesium	24-2	345171	342730	343831	343911	0.36	cps
Manganese	55-2	282951	280801	282020	281924	0.38	cps
Molybdenum	94-1	14784598	14752603	14671652	14736284	0.40	cps
Molybdenum	95-1	21263468	21197629	21118908	21193335	0.34	cps
Molybdenum	96-1	23460116	23345315	23044695	23283375	0.92	cps
Molybdenum	97-1	13191851	13211036	13161882	13188256	0.19	cps
Molybdenum	98-1	34227075	34049834	34074814	34117241	0.28	cps
Neodymium	150-1	23	33	20	26	27.15	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	142145	141685	141298	141709	0.30	cps
Phosphorus	31-2	163	150	133	149	10.09	cps
Potassium	39-2	856463	850401	848236	851700	0.50	cps
Rhodium	103-1	7722379	7688675	7696623	7702559	0.23	cps
Rhodium	103-2	4850561	4796171	4813488	4820073	0.58	cps
Scandium	45-1	3938957	3869518	3875333	3894603	0.99	cps
Scandium	45-2	399235	398190	396759	398062	0.31	cps
Selenium	82-1	27604	27762	27476	27614	0.52	cps
Selenium	77-2	3374	3347	3144	3288	3.83	cps
Selenium	78-2	11124	11281	11148	11184	0.76	cps
Silicon	28-1	2338726	2340873	2331700	2337100	0.21	cps
Silver	107-1	545399	545177	541899	544159	0.36	cps
Silver	109-1	520604	519156	515095	518285	0.55	cps
Sodium	23-2	971134	963975	960746	965285	0.55	cps
Strontium	86-1	1331372	1324381	1321806	1325853	0.37	cps
Strontium	88-1	12079661	12058675	12008434	12048923	0.30	cps
Sulfur	34-1	113793	111043	110560	111798	1.56	cps
Terbium	159-1	11539255	11565768	11398465	11501163	0.78	cps
Terbium	159-2	8009817	8070073	7946896	8008929	0.77	cps
Thallium	203-1	2043018	2034552	2008575	2028715	0.88	cps
Thallium	205-1	4919962	4864158	4838782	4874301	0.85	cps
Tin	118-1	3999762	3949620	3922960	3957447	0.99	cps
Titanium	47-1	4588760	4488932	4515157	4530950	1.14	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICV004 Instrumnet Name : P7
Client Sample ID : ICV004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:02:02 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15434134	15635016	15368942	15479364	0.90	cps
Vanadium	51-2	306318	303614	304835	304923	0.44	cps
Yttrium	89-1	14237449	14256718	14179642	14224603	0.28	cps
Yttrium	89-2	4222821	4147767	4146935	4172508	1.04	cps
Zinc	66-2	134640	133829	134173	134214	0.30	cps
Zirconium	90-1	7267435	7249403	7263063	7259967	0.13	cps
Zirconium	91-1	1619391	1587605	1612145	1606380	1.04	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICB004 Instrumnet Name : P7
Client Sample ID : ICB004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:09:02 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163	187	200	183	10.12	cps
Antimony	121-1	110	123	110	114	6.72	cps
Arsenic	75-2	13	3	3	7	86.65	cps
Barium	135-1	73	57	63	64	13.01	cps
Barium	137-1	133	133	70	112	32.59	cps
Beryllium	9-1	310	93	90	164	76.67	cps
Bismuth	209-1	7029003	7234813	7186009	7149942	1.50	cps
Bismuth	209-2	5883344	5795185	5891149	5856559	0.91	cps
Bromine	81-1	13733	13720	13957	13803	0.96	cps
Bromine	81-2	50	80	43	58	33.81	cps
Cadmium	108-1	3	10	3	6	69.34	cps
Cadmium	106-1	3987	4267	4244	4166	3.73	cps
Cadmium	111-1	818	860	860	846	2.82	cps
Calcium	43-1	910	193	240	448	89.57	cps
Calcium	44-1	13809	5921	5538	8423	55.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	623	683	677	661	4.97	cps
Cobalt	59-2	97	127	140	121	18.32	cps
Copper	63-2	1210	1293	1387	1297	6.82	cps
Dysprosium	156-1	10	17	3	10	66.70	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	47	40	60	49	20.83	cps
Erbium	164-2	40	47	60	49	20.83	cps
Gadolinium	160-1	47	67	27	47	42.85	cps
Gadolinium	160-2	433	427	437	432	1.18	cps
Holmium	165-1	10878968	11190286	11137844	11069032	1.51	cps
Holmium	165-2	7999121	7963911	8043576	8002203	0.50	cps
Indium	115-1	8394581	8725930	8731700	8617404	2.24	cps
Indium	115-2	3465062	3408574	3422656	3432097	0.86	cps
Iron	56-2	14711	14924	14250	14628	2.35	cps
Iron	57-2	1027	1020	973	1007	2.89	cps
Iron	54-2	1857	1890	1787	1845	2.86	cps
Krypton	83-1	127	150	130	136	9.31	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICB004 Instrumnet Name : P7
Client Sample ID : ICB004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:09:02 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	843	693	753	763	9.89	cps
Lead	207-1	627	667	643	646	3.11	cps
Lead	208-1	3174	2880	2973	3009	4.98	cps
Lithium	6-1	877973	882315	887107	882465	0.52	cps
Magnesium	24-2	687	730	737	718	3.78	cps
Manganese	55-2	187	203	137	176	19.76	cps
Molybdenum	94-1	880	303	307	497	66.87	cps
Molybdenum	95-1	707	217	207	377	75.91	cps
Molybdenum	96-1	747	220	277	415	69.78	cps
Molybdenum	97-1	393	110	100	201	82.82	cps
Molybdenum	98-1	747	270	300	439	60.85	cps
Neodymium	150-1	10	3	7	7	50.03	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1333	1307	1383	1341	2.90	cps
Phosphorus	31-2	167	113	170	150	21.20	cps
Potassium	39-2	44893	45738	45327	45319	0.93	cps
Rhodium	103-1	7539507	7810753	7816104	7722122	2.05	cps
Rhodium	103-2	4946567	4849491	4901687	4899248	0.99	cps
Scandium	45-1	3867051	4077653	3960538	3968414	2.66	cps
Scandium	45-2	405922	402682	397758	402121	1.02	cps
Selenium	82-1	286	311	286	294	4.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	347	360	333	347	3.85	cps
Silicon	28-1	613145	610604	611146	611632	0.22	cps
Silver	107-1	150	90	120	120	25.00	cps
Silver	109-1	73	50	57	60	20.03	cps
Sodium	23-2	19079	18715	18301	18698	2.08	cps
Strontium	86-1	393	277	293	321	19.65	cps
Strontium	88-1	587	197	210	331	66.88	cps
Sulfur	34-1	122607	125678	125335	124540	1.35	cps
Terbium	159-1	11044650	11600919	11406840	11350803	2.49	cps
Terbium	159-2	7998307	8039279	7931517	7989701	0.68	cps
Thallium	203-1	257	227	320	268	17.80	cps
Thallium	205-1	620	553	637	603	7.31	cps
Tin	118-1	1473	1387	1217	1359	9.61	cps
Titanium	47-1	1188	83	63	445	144.67	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICB004 Instrumnet Name : P7
Client Sample ID : ICB004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:09:02 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2297	67	33	799	162.38	cps
Vanadium	51-2	13	17	23	18	28.64	cps
Yttrium	89-1	13883516	14341293	14323931	14182914	1.83	cps
Yttrium	89-2	4278362	4227761	4219642	4241922	0.75	cps
Zinc	66-2	420	497	433	450	9.10	cps
Zirconium	90-1	830	480	580	630	28.62	cps
Zirconium	91-1	160	100	97	119	29.98	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICSA004 Instrumnet Name : P7
Client Sample ID : ICSA004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:12:19 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16646861	16349621	16402813	16466431	0.96	cps
Antimony	121-1	10214	10294	10207	10238	0.47	cps
Arsenic	75-2	167	170	163	167	2.00	cps
Barium	135-1	3504	3357	3671	3510	4.47	cps
Barium	137-1	5918	5981	6038	5979	1.00	cps
Beryllium	9-1	337	323	327	329	2.11	cps
Bismuth	209-1	6755284	6542918	6916140	6738114	2.78	cps
Bismuth	209-2	5525399	5510435	5538906	5524913	0.26	cps
Bromine	81-1	13333	13743	13840	13639	1.97	cps
Bromine	81-2	133	200	127	153	26.44	cps
Cadmium	108-1	1523	1300	1397	1407	7.96	cps
Cadmium	106-1	4051	3814	4047	3971	3.42	cps
Cadmium	111-1	1567	1560	1495	1541	2.57	cps
Calcium	43-1	1981110	2027402	2023890	2010801	1.28	cps
Calcium	44-1	32207651	32639920	32023955	32290509	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72520	71070	71465	71685	1.05	cps
Cobalt	59-2	6778	7075	6928	6927	2.14	cps
Copper	63-2	29239	29359	29893	29497	1.18	cps
Dysprosium	156-1	33	33	30	32	5.97	cps
Dysprosium	156-2	27	43	50	40	30.04	cps
Erbium	164-1	83	83	110	92	16.70	cps
Erbium	164-2	43	53	63	53	18.75	cps
Gadolinium	160-1	67	63	90	73	19.81	cps
Gadolinium	160-2	447	467	457	457	2.19	cps
Holmium	165-1	11173320	10503103	11452193	11042872	4.42	cps
Holmium	165-2	8092377	8018775	8113079	8074743	0.61	cps
Indium	115-1	8170511	7671772	8302497	8048260	4.13	cps
Indium	115-2	3281046	3264522	3330554	3292041	1.04	cps
Iron	56-2	331864135	331344662	332958588	332055795	0.25	cps
Iron	57-2	8328631	8223962	8303039	8285211	0.66	cps
Iron	54-2	18034342	17808261	17904210	17915604	0.63	cps
Krypton	83-1	163	110	170	148	22.25	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICSA004 Instrumnet Name : P7
Client Sample ID : ICSA004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:12:19 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39417	37919	37936	38424	2.24	cps
Lead	207-1	31767	30133	30431	30777	2.83	cps
Lead	208-1	149264	144794	141934	145331	2.54	cps
Lithium	6-1	852387	829067	862155	847869	2.01	cps
Magnesium	24-2	28862275	28808712	28904944	28858643	0.17	cps
Manganese	55-2	22527	22484	22347	22452	0.42	cps
Molybdenum	94-1	4908774	4896204	4938940	4914639	0.45	cps
Molybdenum	95-1	8752260	8763962	8811788	8776003	0.36	cps
Molybdenum	96-1	9304242	9411182	9462946	9392790	0.86	cps
Molybdenum	97-1	5411184	5474994	5527676	5471285	1.07	cps
Molybdenum	98-1	14063510	14127636	13990675	14060607	0.49	cps
Neodymium	150-1	63	43	27	44	41.30	cps
Neodymium	150-2	20	20	23	21	9.11	cps
Nickel	60-2	8683	8886	9056	8875	2.11	cps
Phosphorus	31-2	897367	888849	888269	891495	0.57	cps
Potassium	39-2	40122384	40368325	40187088	40225932	0.32	cps
Rhodium	103-1	7137464	6706664	7196064	7013397	3.81	cps
Rhodium	103-2	4560068	4552419	4592421	4568303	0.46	cps
Scandium	45-1	3817357	3597268	3865005	3759877	3.80	cps
Scandium	45-2	393261	392987	390397	392215	0.40	cps
Selenium	82-1	308	337	260	302	12.95	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	350	347	343	347	0.96	cps
Silicon	28-1	621004	624100	631766	625623	0.89	cps
Silver	107-1	287	353	343	328	10.97	cps
Silver	109-1	287	357	383	342	14.59	cps
Sodium	23-2	49160474	49217791	49194471	49190912	0.06	cps
Strontium	86-1	94899	95715	95731	95449	0.50	cps
Strontium	88-1	820391	826412	832553	826452	0.74	cps
Sulfur	34-1	2830476	2827696	2809335	2822502	0.41	cps
Terbium	159-1	11399404	10811665	11763866	11324978	4.24	cps
Terbium	159-2	7998270	7887523	8019619	7968471	0.89	cps
Thallium	203-1	1517	1570	1513	1533	2.07	cps
Thallium	205-1	3480	3787	3657	3642	4.23	cps
Tin	118-1	3957	4134	3894	3995	3.11	cps
Titanium	47-1	1916718	1904774	1930560	1917351	0.67	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICSA004 Instrumnet Name : P7
Client Sample ID : ICSA004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:12:19 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	563	540	513	539	4.64	cps
Vanadium	51-2	647	643	617	636	2.59	cps
Yttrium	89-1	13822743	13074660	13912926	13603443	3.38	cps
Yttrium	89-2	4132117	4148859	4176083	4152353	0.53	cps
Zinc	66-2	7882	8096	7996	7991	1.34	cps
Zirconium	90-1	757	727	843	776	7.81	cps
Zirconium	91-1	173	150	183	169	10.13	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICSAB004 Instrumnet Name : P7
Client Sample ID : ICSAB004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:15:24 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16746531	16882874	16759182	16796196	0.45	cps
Antimony	121-1	195983	195638	196064	195895	0.12	cps
Arsenic	75-2	9973	10003	10204	10060	1.24	cps
Barium	135-1	51406	52198	52811	52138	1.35	cps
Barium	137-1	88312	89110	89727	89050	0.80	cps
Beryllium	9-1	19339	19399	19335	19358	0.18	cps
Bismuth	209-1	7080534	7070440	6957222	7036065	0.97	cps
Bismuth	209-2	5638345	5583735	5555514	5592531	0.75	cps
Bromine	81-1	14471	14547	14304	14440	0.86	cps
Bromine	81-2	207	227	177	203	12.38	cps
Cadmium	108-1	4524	4307	4547	4460	2.97	cps
Cadmium	106-1	8292	8362	8236	8297	0.77	cps
Cadmium	111-1	45434	45108	45329	45291	0.37	cps
Calcium	43-1	2049609	2071290	2030887	2050595	0.99	cps
Calcium	44-1	33248903	33046054	33095825	33130261	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145151	145386	143922	144820	0.54	cps
Cobalt	59-2	117169	117012	116652	116944	0.23	cps
Copper	63-2	102376	103091	103280	102916	0.46	cps
Dysprosium	156-1	37	60	57	51	24.69	cps
Dysprosium	156-2	57	30	63	50	35.28	cps
Erbium	164-1	103	73	107	94	19.44	cps
Erbium	164-2	60	77	67	68	12.38	cps
Gadolinium	160-1	73	57	57	62	15.46	cps
Gadolinium	160-2	400	480	393	424	11.36	cps
Holmium	165-1	11502786	11584108	11424532	11503809	0.69	cps
Holmium	165-2	8197853	8222711	8133667	8184743	0.56	cps
Indium	115-1	8415586	8572305	8396054	8461315	1.14	cps
Indium	115-2	3384495	3387252	3325182	3365643	1.04	cps
Iron	56-2	336113415	334974908	336107528	335731951	0.20	cps
Iron	57-2	8332066	8490083	8356570	8392906	1.01	cps
Iron	54-2	18087177	18168794	18126350	18127440	0.23	cps
Krypton	83-1	193	103	127	141	33.10	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICSAB004 Instrumnet Name : P7
Client Sample ID : ICSAB004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:15:24 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	188197	188734	187447	188126	0.34	cps
Lead	207-1	156698	157413	156431	156847	0.32	cps
Lead	208-1	732612	727336	728057	729335	0.39	cps
Lithium	6-1	880088	881219	871506	877604	0.61	cps
Magnesium	24-2	29280721	29414233	29044885	29246613	0.64	cps
Manganese	55-2	79267	79100	79002	79123	0.17	cps
Molybdenum	94-1	5079604	5001608	5005151	5028788	0.88	cps
Molybdenum	95-1	8958348	8897541	8911603	8922497	0.36	cps
Molybdenum	96-1	9646711	9617399	9570822	9611644	0.40	cps
Molybdenum	97-1	5630842	5604091	5565293	5600075	0.59	cps
Molybdenum	98-1	14410383	14436546	14319306	14388745	0.43	cps
Neodymium	150-1	30	57	23	37	48.11	cps
Neodymium	150-2	37	13	40	30	48.44	cps
Nickel	60-2	36240	36224	35883	36116	0.56	cps
Phosphorus	31-2	906686	908684	905084	906818	0.20	cps
Potassium	39-2	41121453	41162933	40863232	41049206	0.40	cps
Rhodium	103-1	7469099	7466538	7334792	7423477	1.03	cps
Rhodium	103-2	4643705	4659812	4611808	4638442	0.53	cps
Scandium	45-1	4003772	3964434	3874591	3947599	1.68	cps
Scandium	45-2	404012	410007	403681	405900	0.88	cps
Selenium	82-1	2961	3041	3037	3013	1.49	cps
Selenium	77-2	363	317	310	330	8.81	cps
Selenium	78-2	1470	1423	1477	1457	2.00	cps
Silicon	28-1	672353	667451	669627	669810	0.37	cps
Silver	107-1	215867	216601	215670	216046	0.23	cps
Silver	109-1	205943	205900	206475	206106	0.16	cps
Sodium	23-2	49642671	49988541	49251879	49627697	0.74	cps
Strontium	86-1	97540	97963	98409	97971	0.44	cps
Strontium	88-1	853423	852944	847446	851271	0.39	cps
Sulfur	34-1	2839260	2864349	2875698	2859769	0.65	cps
Terbium	159-1	11766532	11587644	11515427	11623201	1.11	cps
Terbium	159-2	8206150	8102707	8174492	8161116	0.65	cps
Thallium	203-1	189066	190083	190529	189893	0.39	cps
Thallium	205-1	454600	453821	454771	454398	0.11	cps
Tin	118-1	2774	2730	2694	2733	1.47	cps
Titanium	47-1	1978972	1950013	1977796	1968927	0.83	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : ICSAB004 Instrumnet Name : P7
Client Sample ID : ICSAB004 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:15:24 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	550	550	557	552	0.70	cps
Vanadium	51-2	64165	63992	63818	63992	0.27	cps
Yttrium	89-1	14607162	14479208	14175991	14420787	1.54	cps
Yttrium	89-2	4245302	4219707	4227630	4230880	0.31	cps
Zinc	66-2	21385	21626	20851	21287	1.86	cps
Zirconium	90-1	807	720	693	740	8.01	cps
Zirconium	91-1	187	153	187	176	10.96	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV015 Instrumnet Name : P7
Client Sample ID : CCV015 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:39:53 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8853634	8733074	8985211	8857306	1.42	cps
Antimony	121-1	4533106	4547369	4467820	4516099	0.94	cps
Arsenic	75-2	223714	221741	224851	223435	0.70	cps
Barium	135-1	5987978	5955218	5975633	5972943	0.28	cps
Barium	137-1	10249662	10385472	10268621	10301251	0.71	cps
Beryllium	9-1	455819	459290	458478	457862	0.40	cps
Bismuth	209-1	6672827	6766064	6729498	6722796	0.70	cps
Bismuth	209-2	5373679	5330369	5343960	5349336	0.41	cps
Bromine	81-1	13063	12776	12789	12876	1.26	cps
Bromine	81-2	123	70	100	98	27.35	cps
Cadmium	108-1	78343	78913	78310	78522	0.43	cps
Cadmium	106-1	113184	113240	113720	113381	0.26	cps
Cadmium	111-1	988531	986639	990467	988545	0.19	cps
Calcium	43-1	4939835	4796515	4796691	4844347	1.71	cps
Calcium	44-1	78994140	78053694	78243334	78430389	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1725273	1718934	1745939	1730048	0.82	cps
Cobalt	59-2	2584908	2604195	2613591	2600898	0.56	cps
Copper	63-2	17255457	17309994	17144501	17236651	0.49	cps
Dysprosium	156-1	227	243	210	227	7.35	cps
Dysprosium	156-2	393	420	427	413	4.27	cps
Erbium	164-1	277	220	287	261	13.77	cps
Erbium	164-2	170	167	197	178	9.25	cps
Gadolinium	160-1	207	250	200	219	12.40	cps
Gadolinium	160-2	463	483	523	490	6.23	cps
Holmium	165-1	11293912	11138244	11181059	11204405	0.72	cps
Holmium	165-2	7919151	8046378	7879614	7948381	1.10	cps
Indium	115-1	8221698	8158331	8200145	8193392	0.39	cps
Indium	115-2	3219219	3182843	3184885	3195649	0.64	cps
Iron	56-2	396302887	391330288	397575541	395069572	0.84	cps
Iron	57-2	9847127	9826134	9900474	9857912	0.39	cps
Iron	54-2	21390953	21184741	21474199	21349964	0.70	cps
Krypton	83-1	210	160	207	192	14.54	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV015 Instrumnet Name : P7
Client Sample ID : CCV015 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:39:53 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18918373	19160435	19020959	19033256	0.64	cps
Lead	207-1	16701809	16916622	16637229	16751887	0.87	cps
Lead	208-1	76163391	77321928	76741465	76742261	0.75	cps
Lithium	6-1	865402	870955	876012	870790	0.61	cps
Magnesium	24-2	76691879	76125829	76928442	76582050	0.54	cps
Manganese	55-2	13944343	13825094	14075171	13948202	0.90	cps
Molybdenum	94-1	15081188	15199439	15195440	15158689	0.44	cps
Molybdenum	95-1	22083427	21864472	22098146	22015348	0.59	cps
Molybdenum	96-1	23977816	23922180	24077093	23992363	0.33	cps
Molybdenum	97-1	13735974	13640702	13683357	13686678	0.35	cps
Molybdenum	98-1	35320805	35283944	35220806	35275185	0.14	cps
Neodymium	150-1	437	353	480	423	15.21	cps
Neodymium	150-2	167	173	187	176	5.80	cps
Nickel	60-2	623299	623983	620327	622537	0.31	cps
Phosphorus	31-2	88128	87820	89302	88417	0.88	cps
Potassium	39-2	49090951	49259634	49574411	49308332	0.50	cps
Rhodium	103-1	7140183	7110585	7107023	7119264	0.26	cps
Rhodium	103-2	4443797	4424796	4391952	4420182	0.59	cps
Scandium	45-1	3996695	3907608	3996386	3966896	1.29	cps
Scandium	45-2	398965	397672	401885	399507	0.54	cps
Selenium	82-1	60284	59382	60494	60054	0.98	cps
Selenium	77-2	6612	6988	7319	6973	5.07	cps
Selenium	78-2	24457	23602	24664	24241	2.32	cps
Silicon	28-1	2705969	2692331	2654241	2684180	1.00	cps
Silver	107-1	5304779	5346474	5295216	5315490	0.51	cps
Silver	109-1	5121307	5061395	5022605	5068436	0.98	cps
Sodium	23-2	120414242	118770432	120371828	119852167	0.78	cps
Strontium	86-1	1339835	1343153	1337827	1340272	0.20	cps
Strontium	88-1	12156876	12151558	12176939	12161791	0.11	cps
Sulfur	34-1	390090	384977	385937	387001	0.70	cps
Terbium	159-1	11405732	11389396	11442234	11412454	0.24	cps
Terbium	159-2	7755464	7856991	7940267	7850908	1.18	cps
Thallium	203-1	4749851	4802304	4763928	4772028	0.57	cps
Thallium	205-1	11303734	11443693	11397005	11381478	0.63	cps
Tin	118-1	3778359	3773045	3770124	3773843	0.11	cps
Titanium	47-1	4793955	4742100	4708961	4748339	0.90	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV015 Instrumnet Name : P7
Client Sample ID : CCV015 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:39:53 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15959191	16061534	16075863	16032196	0.40	cps
Vanadium	51-2	1546660	1528513	1568158	1547777	1.28	cps
Yttrium	89-1	14155385	14117548	14086525	14119819	0.24	cps
Yttrium	89-2	4136779	4125009	4118553	4126781	0.22	cps
Zinc	66-2	3143171	3142775	3182895	3156280	0.73	cps
Zirconium	90-1	7517049	7535997	7537604	7530217	0.15	cps
Zirconium	91-1	1670250	1661920	1661371	1664514	0.30	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB015 Instrumnet Name : P7
Client Sample ID : CCB015 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:45:05 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	183	200	208	14.01	cps
Antimony	121-1	170	180	190	180	5.56	cps
Arsenic	75-2	3	3	7	4	43.40	cps
Barium	135-1	70	63	77	70	9.53	cps
Barium	137-1	117	113	87	106	15.58	cps
Beryllium	9-1	110	93	83	96	14.10	cps
Bismuth	209-1	7399144	7305844	7369591	7358193	0.65	cps
Bismuth	209-2	6251550	5083331	5916852	5750578	10.46	cps
Bromine	81-1	13022	13216	13279	13173	1.02	cps
Bromine	81-2	67	63	70	67	5.00	cps
Cadmium	108-1	13	7	23	14	58.06	cps
Cadmium	106-1	3917	3851	4067	3945	2.81	cps
Cadmium	111-1	804	792	834	810	2.65	cps
Calcium	43-1	263	310	220	264	17.02	cps
Calcium	44-1	6065	6078	6211	6118	1.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	823	783	793	800	2.60	cps
Cobalt	59-2	100	90	97	96	5.33	cps
Copper	63-2	1420	1287	1387	1365	5.09	cps
Dysprosium	156-1	7	13	7	9	43.25	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	57	67	57	60	9.62	cps
Erbium	164-2	27	33	30	30	11.10	cps
Gadolinium	160-1	40	47	27	38	26.95	cps
Gadolinium	160-2	470	363	460	431	13.66	cps
Holmium	165-1	11491500	11293112	11383604	11389405	0.87	cps
Holmium	165-2	8553168	6973798	8159383	7895450	10.41	cps
Indium	115-1	8959840	8892380	8898174	8916798	0.42	cps
Indium	115-2	3687061	3002357	3465848	3385089	10.32	cps
Iron	56-2	17450	16903	17243	17199	1.61	cps
Iron	57-2	1133	1103	1180	1139	3.39	cps
Iron	54-2	2073	1970	2150	2065	4.38	cps
Krypton	83-1	180	133	167	160	15.02	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB015 Instrumnet Name : P7
Client Sample ID : CCB015 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:45:05 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	933	880	937	917	3.47	cps
Lead	207-1	807	753	767	776	3.58	cps
Lead	208-1	3774	3690	3697	3720	1.24	cps
Lithium	6-1	896800	895450	896995	896415	0.09	cps
Magnesium	24-2	923	923	810	886	7.39	cps
Manganese	55-2	387	357	333	359	7.45	cps
Molybdenum	94-1	410	310	247	322	25.56	cps
Molybdenum	95-1	240	187	230	219	12.95	cps
Molybdenum	96-1	333	263	250	282	15.86	cps
Molybdenum	97-1	163	113	140	139	18.02	cps
Molybdenum	98-1	387	330	330	349	9.38	cps
Neodymium	150-1	13	3	10	9	57.30	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	1470	1173	1380	1341	11.34	cps
Phosphorus	31-2	137	173	160	157	11.85	cps
Potassium	39-2	46852	47948	47420	47407	1.16	cps
Rhodium	103-1	7968079	7909005	7869774	7915620	0.63	cps
Rhodium	103-2	5211356	4289103	4965323	4821927	9.90	cps
Scandium	45-1	4066358	4022130	4086216	4058235	0.81	cps
Scandium	45-2	435708	350690	409683	398694	10.93	cps
Selenium	82-1	290	267	257	271	6.36	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	457	340	340	379	17.78	cps
Silicon	28-1	625866	625291	631036	627398	0.50	cps
Silver	107-1	217	210	177	201	10.66	cps
Silver	109-1	153	143	133	143	6.98	cps
Sodium	23-2	26530	26299	26366	26398	0.45	cps
Strontium	86-1	280	247	237	254	8.92	cps
Strontium	88-1	167	203	197	189	10.34	cps
Sulfur	34-1	125288	126226	126515	126010	0.51	cps
Terbium	159-1	11748675	11555253	11601576	11635168	0.87	cps
Terbium	159-2	8550069	6918517	8218148	7895578	10.92	cps
Thallium	203-1	470	503	473	482	3.81	cps
Thallium	205-1	1157	1153	1170	1160	0.76	cps
Tin	118-1	1350	1593	1257	1400	12.42	cps
Titanium	47-1	83	80	93	86	8.11	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB015 Instrumnet Name : P7
Client Sample ID : CCB015 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:45:05 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	70	53	50	58	18.55	cps
Vanadium	51-2	23	3	17	14	70.51	cps
Yttrium	89-1	14691884	14631273	14558664	14627274	0.46	cps
Yttrium	89-2	4520349	3731642	4327953	4193314	9.81	cps
Zinc	66-2	493	463	603	520	14.18	cps
Zirconium	90-1	613	587	587	596	2.58	cps
Zirconium	91-1	140	123	90	118	21.62	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-01 Instrumnet Name : P7
Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:53:42 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2960	3057	2864	2960	3.27	cps
Antimony	121-1	6975	7475	7232	7227	3.46	cps
Arsenic	75-2	373	430	380	394	7.85	cps
Barium	135-1	8796	9360	9010	9055	3.14	cps
Barium	137-1	15272	15639	15435	15449	1.19	cps
Beryllium	9-1	743	857	833	811	7.38	cps
Bismuth	209-1	7732802	7287113	7270006	7429974	3.53	cps
Bismuth	209-2	5792375	5949547	5922846	5888256	1.43	cps
Bromine	81-1	14150	14561	14611	14440	1.75	cps
Bromine	81-2	87	110	67	88	24.71	cps
Cadmium	108-1	113	147	160	140	17.17	cps
Cadmium	106-1	4484	4397	4311	4397	1.97	cps
Cadmium	111-1	2524	2577	2517	2539	1.29	cps
Calcium	43-1	1927	1863	1953	1915	2.41	cps
Calcium	44-1	31897	32354	33173	32475	1.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3440	3414	3534	3463	1.82	cps
Cobalt	59-2	4607	4411	4534	4517	2.20	cps
Copper	63-2	7625	7722	7269	7539	3.17	cps
Dysprosium	156-1	7	7	0	4	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	53	50	57	53	6.25	cps
Erbium	164-2	33	57	60	50	29.06	cps
Gadolinium	160-1	47	37	67	50	30.55	cps
Gadolinium	160-2	347	310	400	352	12.85	cps
Holmium	165-1	12231164	11255157	11162969	11549763	5.12	cps
Holmium	165-2	7989284	8075639	8144228	8069717	0.96	cps
Indium	115-1	9426177	8826291	8813144	9021871	3.88	cps
Indium	115-2	3465049	3506279	3536934	3502754	1.03	cps
Iron	56-2	152151	151336	153336	152274	0.66	cps
Iron	57-2	4464	4247	4601	4437	4.02	cps
Iron	54-2	9663	9873	9413	9650	2.39	cps
Krypton	83-1	173	150	190	171	11.74	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-01 Instrumnet Name : P7
Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:53:42 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6161	6515	6542	6406	3.31	cps
Lead	207-1	5258	5745	5645	5549	4.63	cps
Lead	208-1	24966	25656	25653	25425	1.56	cps
Lithium	6-1	970224	899859	892426	920836	4.66	cps
Magnesium	24-2	25171	25515	24940	25209	1.15	cps
Manganese	55-2	4601	4761	4734	4699	1.83	cps
Molybdenum	94-1	6108	6235	6251	6198	1.27	cps
Molybdenum	95-1	3437	3470	3430	3446	0.62	cps
Molybdenum	96-1	4474	4367	4471	4437	1.37	cps
Molybdenum	97-1	2257	2057	2150	2155	4.65	cps
Molybdenum	98-1	5548	5411	5571	5510	1.57	cps
Neodymium	150-1	10	7	0	6	91.64	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2534	2564	2540	2546	0.62	cps
Phosphorus	31-2	327	287	257	290	12.11	cps
Potassium	39-2	64533	64590	64382	64501	0.17	cps
Rhodium	103-1	8505342	7954271	7959079	8139564	3.89	cps
Rhodium	103-2	4995605	5009378	5019730	5008238	0.24	cps
Scandium	45-1	4409519	4165269	4137858	4237549	3.53	cps
Scandium	45-2	411547	415274	414550	413790	0.48	cps
Selenium	82-1	376	423	348	382	9.86	cps
Selenium	77-2	13	17	10	13	25.01	cps
Selenium	78-2	410	380	387	392	4.02	cps
Silicon	28-1	640271	646476	650560	645769	0.80	cps
Silver	107-1	8799	9256	9106	9054	2.57	cps
Silver	109-1	7979	8686	8903	8523	5.67	cps
Sodium	23-2	59297	59916	59752	59655	0.54	cps
Strontium	86-1	2264	2410	2514	2396	5.24	cps
Strontium	88-1	18692	19303	19143	19046	1.66	cps
Sulfur	34-1	133890	134791	134401	134361	0.34	cps
Terbium	159-1	12479701	11675764	11591680	11915715	4.11	cps
Terbium	159-2	8010400	7984957	8148354	8047903	1.09	cps
Thallium	203-1	7552	7322	7656	7510	2.27	cps
Thallium	205-1	17395	18115	18136	17882	2.36	cps
Tin	118-1	6755	7139	7022	6972	2.82	cps
Titanium	47-1	763	907	840	837	8.57	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-01 Instrumnet Name : P7
Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:53:42 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21735	21868	22215	21939	1.13	cps
Vanadium	51-2	2630	2404	2520	2518	4.50	cps
Yttrium	89-1	15604046	14757728	14766139	15042638	3.23	cps
Yttrium	89-2	4293376	4336723	4359872	4329990	0.78	cps
Zinc	66-2	1653	1477	1507	1546	6.12	cps
Zirconium	90-1	11274	11738	11918	11644	2.85	cps
Zirconium	91-1	2497	2400	2500	2466	2.30	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-03 Instrumnet Name : P7
Client Sample ID : MDL-SOIL-03-QT4-2024 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:57:00 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1957	1930	2030	1972	2.63	cps
Antimony	121-1	3994	3897	3937	3943	1.23	cps
Arsenic	75-2	227	163	200	197	16.17	cps
Barium	135-1	4854	5148	4738	4913	4.30	cps
Barium	137-1	8369	8379	8379	8376	0.07	cps
Beryllium	9-1	477	450	453	460	3.16	cps
Bismuth	209-1	7369883	7441996	7338561	7383480	0.72	cps
Bismuth	209-2	5974293	5880618	5842053	5898988	1.15	cps
Bromine	81-1	13980	14731	14434	14382	2.63	cps
Bromine	81-2	110	100	73	94	20.07	cps
Cadmium	108-1	77	73	83	78	6.55	cps
Cadmium	106-1	4477	4878	4424	4593	5.40	cps
Cadmium	111-1	1739	1868	1793	1800	3.60	cps
Calcium	43-1	5261	5311	5134	5235	1.74	cps
Calcium	44-1	88272	88422	89039	88578	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2307	2227	2317	2284	2.16	cps
Cobalt	59-2	2487	2477	2410	2458	1.70	cps
Copper	63-2	4717	4687	4607	4671	1.22	cps
Dysprosium	156-1	10	7	17	11	45.82	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	60	73	43	59	25.53	cps
Erbium	164-2	23	40	10	24	61.49	cps
Gadolinium	160-1	30	37	30	32	11.95	cps
Gadolinium	160-2	437	380	440	419	8.05	cps
Holmium	165-1	11384424	11467538	11414238	11422067	0.37	cps
Holmium	165-2	8212531	8147069	8011531	8123710	1.26	cps
Indium	115-1	8883907	8994233	8889428	8922523	0.70	cps
Indium	115-2	3588175	3536739	3553263	3559392	0.74	cps
Iron	56-2	138332	138948	139290	138857	0.35	cps
Iron	57-2	4171	3921	4347	4146	5.17	cps
Iron	54-2	8906	8709	8953	8856	1.46	cps
Krypton	83-1	153	140	210	168	22.15	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-03 Instrumnet Name : P7
Client Sample ID : MDL-SOIL-03-QT4-2024 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:57:00 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3627	3754	3834	3738	2.79	cps
Lead	207-1	3177	3277	3354	3269	2.71	cps
Lead	208-1	14847	14840	15000	14896	0.61	cps
Lithium	6-1	895802	896928	890869	894533	0.36	cps
Magnesium	24-2	75625	74794	74821	75080	0.63	cps
Manganese	55-2	2697	2600	2607	2635	2.05	cps
Molybdenum	94-1	3604	3524	3307	3478	4.41	cps
Molybdenum	95-1	2097	1950	1930	1992	4.57	cps
Molybdenum	96-1	2244	2440	2307	2330	4.31	cps
Molybdenum	97-1	1250	1193	1200	1215	2.55	cps
Molybdenum	98-1	3184	3127	3050	3120	2.14	cps
Neodymium	150-1	0	10	13	8	89.21	cps
Neodymium	150-2	3	13	0	6	124.93	cps
Nickel	60-2	1963	2017	2107	2029	3.57	cps
Phosphorus	31-2	240	267	260	256	5.43	cps
Potassium	39-2	113912	113653	114852	114139	0.55	cps
Rhodium	103-1	8107439	8218552	8141827	8155939	0.70	cps
Rhodium	103-2	5122894	5056574	5007676	5062382	1.14	cps
Scandium	45-1	4179970	4182534	4158640	4173715	0.31	cps
Scandium	45-2	424395	420055	420394	421615	0.57	cps
Selenium	82-1	1080	1095	1017	1064	3.87	cps
Selenium	77-2	87	63	90	80	18.17	cps
Selenium	78-2	717	700	663	693	3.93	cps
Silicon	28-1	653354	654322	655772	654483	0.19	cps
Silver	107-1	4901	4838	4788	4842	1.17	cps
Silver	109-1	4544	4621	4634	4600	1.06	cps
Sodium	23-2	137631	137400	138075	137702	0.25	cps
Strontium	86-1	1383	1303	1347	1345	2.98	cps
Strontium	88-1	10024	10167	10080	10090	0.72	cps
Sulfur	34-1	137576	137878	138319	137925	0.27	cps
Terbium	159-1	11635581	11572059	11723720	11643787	0.65	cps
Terbium	159-2	8307414	8055089	8068045	8143516	1.74	cps
Thallium	203-1	4007	3981	4131	4040	1.98	cps
Thallium	205-1	10060	9640	9704	9801	2.31	cps
Tin	118-1	4564	4251	4194	4336	4.60	cps
Titanium	47-1	540	467	433	480	11.37	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-03 Instrumnet Name : P7
Client Sample ID : MDL-SOIL-03-QT4-2024 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 18:57:00 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11662	11832	11855	11783	0.90	cps
Vanadium	51-2	1397	1520	1337	1418	6.59	cps
Yttrium	89-1	14756815	14932126	14781789	14823577	0.64	cps
Yttrium	89-2	4407441	4393096	4362382	4387640	0.52	cps
Zinc	66-2	1037	1090	1180	1102	6.57	cps
Zirconium	90-1	6408	6388	6515	6437	1.06	cps
Zirconium	91-1	1500	1367	1457	1441	4.72	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-07 Instrumnet Name : P7
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:00:16 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3157	2960	2990	3036	3.49	cps
Antimony	121-1	7472	7138	7252	7287	2.33	cps
Arsenic	75-2	373	430	453	419	9.82	cps
Barium	135-1	9113	8923	9053	9030	1.08	cps
Barium	137-1	15819	15332	16083	15744	2.42	cps
Beryllium	9-1	837	833	783	818	3.65	cps
Bismuth	209-1	7125654	7199058	7176644	7167119	0.52	cps
Bismuth	209-2	5745922	5519925	5699158	5655002	2.11	cps
Bromine	81-1	14814	14367	14360	14514	1.79	cps
Bromine	81-2	70	70	70	70	0.00	cps
Cadmium	108-1	117	137	143	132	10.50	cps
Cadmium	106-1	4607	4641	4571	4606	0.76	cps
Cadmium	111-1	2587	2669	2644	2633	1.61	cps
Calcium	43-1	2047	1753	1967	1922	7.89	cps
Calcium	44-1	33821	33504	33290	33538	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3550	3604	3590	3582	0.78	cps
Cobalt	59-2	4671	4337	4474	4494	3.73	cps
Copper	63-2	8620	7522	7579	7907	7.82	cps
Dysprosium	156-1	13	3	0	6	124.93	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	37	43	43	41	9.35	cps
Erbium	164-2	37	37	30	34	11.18	cps
Gadolinium	160-1	50	30	30	37	31.49	cps
Gadolinium	160-2	410	423	360	398	8.39	cps
Holmium	165-1	11203916	11145602	11193889	11181135	0.28	cps
Holmium	165-2	7951673	7658656	7795356	7801895	1.88	cps
Indium	115-1	8906486	8845656	8758683	8836942	0.84	cps
Indium	115-2	3488108	3376316	3368507	3410977	1.96	cps
Iron	56-2	233608	155876	154894	181460	24.89	cps
Iron	57-2	6344	4604	4381	5110	21.04	cps
Iron	54-2	12679	9576	10030	10762	15.57	cps
Krypton	83-1	163	157	127	149	13.12	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-07 Instrumnet Name : P7
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:00:16 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6358	6108	6305	6257	2.11	cps
Lead	207-1	5801	5321	5618	5580	4.34	cps
Lead	208-1	26280	24682	25286	25416	3.17	cps
Lithium	6-1	886666	885173	890267	887369	0.30	cps
Magnesium	24-2	25732	25194	25461	25462	1.06	cps
Manganese	55-2	6834	4694	4891	5473	21.61	cps
Molybdenum	94-1	6458	6251	6178	6296	2.31	cps
Molybdenum	95-1	3604	3504	3417	3508	2.66	cps
Molybdenum	96-1	4697	4254	4451	4467	4.97	cps
Molybdenum	97-1	2270	2127	2170	2189	3.36	cps
Molybdenum	98-1	5905	5534	5554	5664	3.67	cps
Neodymium	150-1	3	13	7	8	65.47	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	2524	2404	2414	2447	2.72	cps
Phosphorus	31-2	303	290	357	317	11.14	cps
Potassium	39-2	65423	64787	66099	65437	1.00	cps
Rhodium	103-1	7941797	7934656	8011994	7962816	0.54	cps
Rhodium	103-2	5022993	4821910	4867211	4904038	2.15	cps
Scandium	45-1	4194026	4131145	4112913	4146028	1.03	cps
Scandium	45-2	415738	400092	406417	407416	1.93	cps
Selenium	82-1	410	331	375	372	10.58	cps
Selenium	77-2	20	10	7	12	56.76	cps
Selenium	78-2	443	407	400	417	5.60	cps
Silicon	28-1	668169	672953	675254	672125	0.54	cps
Silver	107-1	9173	8923	9166	9087	1.57	cps
Silver	109-1	8839	8416	8586	8614	2.47	cps
Sodium	23-2	61217	58176	58972	59455	2.65	cps
Strontium	86-1	2467	2644	2454	2521	4.21	cps
Strontium	88-1	19146	19009	19596	19250	1.60	cps
Sulfur	34-1	137434	137741	137499	137558	0.12	cps
Terbium	159-1	11436076	11410463	11329610	11392050	0.49	cps
Terbium	159-2	8000523	7589269	7717873	7769221	2.71	cps
Thallium	203-1	7362	7439	7002	7268	3.21	cps
Thallium	205-1	17224	17181	17385	17263	0.62	cps
Tin	118-1	6768	6768	6912	6816	1.21	cps
Titanium	47-1	860	900	860	873	2.64	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-07 Instrumnet Name : P7
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:00:16 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21611	21531	21815	21652	0.68	cps
Vanadium	51-2	2544	2574	2574	2564	0.68	cps
Yttrium	89-1	14704029	14681662	14638006	14674565	0.23	cps
Yttrium	89-2	4361877	4140773	4233466	4245372	2.62	cps
Zinc	66-2	3604	3284	3160	3349	6.83	cps
Zirconium	90-1	12229	11708	11808	11915	2.32	cps
Zirconium	91-1	2654	2680	2590	2641	1.75	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-09 Instrumnet Name : P7
Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:03:35 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1997	1867	1897	1920	3.55	cps
Antimony	121-1	3887	4057	4121	4022	3.00	cps
Arsenic	75-2	247	173	250	223	19.40	cps
Barium	135-1	4918	4661	4674	4751	3.04	cps
Barium	137-1	8086	8529	8546	8387	3.11	cps
Beryllium	9-1	497	423	493	471	8.79	cps
Bismuth	209-1	7341891	7257977	7252586	7284151	0.69	cps
Bismuth	209-2	5843635	5882470	5803988	5843364	0.67	cps
Bromine	81-1	13723	13893	14267	13961	1.99	cps
Bromine	81-2	73	77	67	72	7.05	cps
Cadmium	108-1	60	77	53	63	18.98	cps
Cadmium	106-1	4404	4264	4201	4290	2.43	cps
Cadmium	111-1	1899	1789	1800	1829	3.31	cps
Calcium	43-1	5181	5841	5474	5499	6.02	cps
Calcium	44-1	89716	89579	88057	89117	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2230	2344	2137	2237	4.63	cps
Cobalt	59-2	2470	2484	2370	2441	2.54	cps
Copper	63-2	4701	4721	4634	4685	0.97	cps
Dysprosium	156-1	7	3	3	4	43.40	cps
Dysprosium	156-2	0	17	0	6	173.21	cps
Erbium	164-1	70	47	47	54	24.74	cps
Erbium	164-2	50	47	23	40	36.33	cps
Gadolinium	160-1	53	47	37	46	18.41	cps
Gadolinium	160-2	400	350	440	397	11.37	cps
Holmium	165-1	11318752	11304854	11235046	11286217	0.40	cps
Holmium	165-2	8059417	8229840	8124612	8137956	1.06	cps
Indium	115-1	8888945	9016078	8898342	8934455	0.79	cps
Indium	115-2	3549394	3590546	3510478	3550139	1.13	cps
Iron	56-2	139826	138948	138914	139229	0.37	cps
Iron	57-2	4274	4254	4397	4308	1.80	cps
Iron	54-2	8973	9053	8939	8988	0.65	cps
Krypton	83-1	180	147	170	166	10.33	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-09 Instrumnet Name : P7
Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:03:35 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3520	3530	3440	3497	1.41	cps
Lead	207-1	3220	3404	3210	3278	3.32	cps
Lead	208-1	14416	14880	14066	14454	2.82	cps
Lithium	6-1	889965	880956	879250	883390	0.65	cps
Magnesium	24-2	74914	76583	76686	76061	1.31	cps
Manganese	55-2	2830	2737	2627	2731	3.73	cps
Molybdenum	94-1	3527	3537	3567	3544	0.59	cps
Molybdenum	95-1	1867	1773	2067	1902	7.88	cps
Molybdenum	96-1	2440	2637	2657	2578	4.65	cps
Molybdenum	97-1	1163	1100	1230	1165	5.58	cps
Molybdenum	98-1	3047	2964	3104	3038	2.32	cps
Neodymium	150-1	3	3	7	4	43.40	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1927	2087	2090	2035	4.59	cps
Phosphorus	31-2	233	170	153	186	22.75	cps
Potassium	39-2	115363	115195	114469	115009	0.41	cps
Rhodium	103-1	8111001	8116001	8183339	8136780	0.50	cps
Rhodium	103-2	5087699	5092506	5074681	5084962	0.18	cps
Scandium	45-1	4215467	4221297	4261461	4232742	0.59	cps
Scandium	45-2	427607	424267	425671	425848	0.39	cps
Selenium	82-1	1077	1063	1067	1069	0.66	cps
Selenium	77-2	127	133	90	117	20.00	cps
Selenium	78-2	727	683	763	724	5.53	cps
Silicon	28-1	700608	692677	698940	697408	0.60	cps
Silver	107-1	4871	4984	5018	4958	1.55	cps
Silver	109-1	4624	4664	4764	4684	1.54	cps
Sodium	23-2	137558	137087	136790	137145	0.28	cps
Strontium	86-1	1373	1410	1370	1385	1.60	cps
Strontium	88-1	10204	10000	10120	10108	1.01	cps
Sulfur	34-1	137085	137744	138084	137638	0.37	cps
Terbium	159-1	11539049	11586967	11461086	11529034	0.55	cps
Terbium	159-2	8059295	8037645	8100604	8065848	0.40	cps
Thallium	203-1	4021	4064	3937	4007	1.61	cps
Thallium	205-1	9400	9630	9367	9466	1.52	cps
Tin	118-1	4464	4417	4354	4412	1.25	cps
Titanium	47-1	557	487	553	532	7.42	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-09 Instrumnet Name : P7
Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:03:35 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11635	11602	11078	11438	2.73	cps
Vanadium	51-2	1350	1397	1383	1377	1.75	cps
Yttrium	89-1	15047104	15107796	14960867	15038589	0.49	cps
Yttrium	89-2	4395720	4392150	4425912	4404594	0.42	cps
Zinc	66-2	1070	1143	1060	1091	4.17	cps
Zirconium	90-1	6381	6295	6351	6343	0.69	cps
Zirconium	91-1	1387	1570	1387	1448	7.31	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-10 Instrumnet Name : P7
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:06:53 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3067	3124	2900	3030	3.83	cps
Antimony	121-1	7169	6858	7192	7073	2.63	cps
Arsenic	75-2	343	360	493	399	20.61	cps
Barium	135-1	8776	8856	8766	8799	0.56	cps
Barium	137-1	15432	15115	15428	15325	1.19	cps
Beryllium	9-1	817	817	737	790	5.85	cps
Bismuth	209-1	7273086	7239725	7255542	7256118	0.23	cps
Bismuth	209-2	5875581	5952398	5895270	5907750	0.68	cps
Bromine	81-1	14150	14180	14197	14176	0.17	cps
Bromine	81-2	120	93	77	97	22.61	cps
Cadmium	108-1	117	190	150	152	24.12	cps
Cadmium	106-1	4531	4227	4601	4453	4.46	cps
Cadmium	111-1	2641	2376	2735	2584	7.21	cps
Calcium	43-1	2114	2107	1983	2068	3.54	cps
Calcium	44-1	33611	33420	33350	33460	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3377	3667	3344	3463	5.14	cps
Cobalt	59-2	4614	4514	4474	4534	1.59	cps
Copper	63-2	7375	7445	7455	7425	0.59	cps
Dysprosium	156-1	7	10	27	14	74.18	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	37	50	57	48	21.31	cps
Erbium	164-2	40	50	10	33	62.45	cps
Gadolinium	160-1	33	30	37	33	10.01	cps
Gadolinium	160-2	420	437	383	413	6.60	cps
Holmium	165-1	11345744	11333812	11220615	11300057	0.61	cps
Holmium	165-2	8162128	8110449	8095465	8122681	0.43	cps
Indium	115-1	8953464	8952130	9115049	9006881	1.04	cps
Indium	115-2	3572175	3557380	3515517	3548357	0.83	cps
Iron	56-2	150955	152898	152167	152007	0.65	cps
Iron	57-2	4421	4624	4534	4526	2.25	cps
Iron	54-2	9773	9660	9606	9680	0.88	cps
Krypton	83-1	167	200	150	172	14.78	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-10 Instrumnet Name : P7
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:06:53 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6058	6085	6255	6133	1.74	cps
Lead	207-1	5281	5448	5448	5392	1.78	cps
Lead	208-1	24252	24626	24579	24485	0.83	cps
Lithium	6-1	879520	888123	876649	881431	0.68	cps
Magnesium	24-2	25114	25024	25000	25046	0.24	cps
Manganese	55-2	4764	4661	4817	4747	1.68	cps
Molybdenum	94-1	6161	6205	6421	6263	2.23	cps
Molybdenum	95-1	3540	3490	3674	3568	2.66	cps
Molybdenum	96-1	4407	4234	4301	4314	2.03	cps
Molybdenum	97-1	2097	2044	2100	2080	1.53	cps
Molybdenum	98-1	5501	5354	5514	5457	1.63	cps
Neodymium	150-1	10	7	7	8	24.71	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	2614	2404	2584	2534	4.48	cps
Phosphorus	31-2	237	227	307	257	16.98	cps
Potassium	39-2	66062	66377	65871	66104	0.39	cps
Rhodium	103-1	8177128	8173022	8163987	8171379	0.08	cps
Rhodium	103-2	5080979	5028783	5122350	5077371	0.92	cps
Scandium	45-1	4251455	4253725	4258546	4254576	0.09	cps
Scandium	45-2	425887	428574	426069	426844	0.35	cps
Selenium	82-1	390	351	466	402	14.58	cps
Selenium	77-2	7	23	37	22	67.63	cps
Selenium	78-2	507	387	437	443	13.60	cps
Silicon	28-1	709056	710073	710772	709967	0.12	cps
Silver	107-1	9120	8859	9203	9061	1.98	cps
Silver	109-1	8449	8306	8756	8504	2.70	cps
Sodium	23-2	57426	57704	57028	57386	0.59	cps
Strontium	86-1	2507	2397	2237	2380	5.70	cps
Strontium	88-1	18685	18862	19173	18907	1.30	cps
Sulfur	34-1	138232	137391	137926	137849	0.31	cps
Terbium	159-1	11362150	11496274	11413712	11424046	0.59	cps
Terbium	159-2	8069284	8042696	8119287	8077089	0.48	cps
Thallium	203-1	6742	6975	7179	6965	3.14	cps
Thallium	205-1	16874	16697	16740	16770	0.55	cps
Tin	118-1	6478	7088	7068	6878	5.04	cps
Titanium	47-1	807	887	827	840	4.96	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-10 Instrumnet Name : P7
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:06:53 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20930	21361	20836	21042	1.33	cps
Vanadium	51-2	2577	2540	2364	2494	4.58	cps
Yttrium	89-1	14960622	15132380	15126724	15073242	0.65	cps
Yttrium	89-2	4397481	4412560	4439198	4416413	0.48	cps
Zinc	66-2	1570	1597	1753	1640	6.04	cps
Zirconium	90-1	11575	11535	11785	11631	1.16	cps
Zirconium	91-1	2674	2674	2667	2671	0.14	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-12 Instrumnet Name : P7
Client Sample ID : MDL-WATER-06-QT4-20 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:10:12 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1837	1840	1880	1852	1.30	cps
Antimony	121-1	3891	3901	3807	3866	1.33	cps
Arsenic	75-2	217	160	213	197	16.17	cps
Barium	135-1	4811	5078	5021	4970	2.83	cps
Barium	137-1	8803	8586	8563	8650	1.53	cps
Beryllium	9-1	480	437	400	439	9.12	cps
Bismuth	209-1	7411236	7286989	7334419	7344215	0.85	cps
Bismuth	209-2	5976832	5966259	5906903	5949998	0.63	cps
Bromine	81-1	14828	14714	15084	14875	1.28	cps
Bromine	81-2	90	83	67	80	15.02	cps
Cadmium	108-1	90	70	73	78	13.78	cps
Cadmium	106-1	4684	4611	4237	4511	5.31	cps
Cadmium	111-1	1731	1883	1846	1820	4.38	cps
Calcium	43-1	5855	5368	5678	5633	4.37	cps
Calcium	44-1	91004	92546	92006	91852	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2294	2540	2357	2397	5.35	cps
Cobalt	59-2	2344	2597	2530	2490	5.27	cps
Copper	63-2	4767	4777	4777	4774	0.12	cps
Dysprosium	156-1	7	13	7	9	43.25	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	73	33	70	59	37.69	cps
Erbium	164-2	33	37	43	38	13.48	cps
Gadolinium	160-1	67	20	53	47	51.51	cps
Gadolinium	160-2	427	460	427	438	4.40	cps
Holmium	165-1	11462525	11470779	11442146	11458483	0.13	cps
Holmium	165-2	8220652	8347992	8269338	8279328	0.78	cps
Indium	115-1	9063448	9191415	9031823	9095562	0.93	cps
Indium	115-2	3602422	3634153	3607747	3614774	0.47	cps
Iron	56-2	141740	141390	141384	141505	0.14	cps
Iron	57-2	4381	4174	4634	4396	5.24	cps
Iron	54-2	8889	8723	8939	8850	1.28	cps
Krypton	83-1	130	163	207	167	23.07	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-12 Instrumnet Name : P7
Client Sample ID : MDL-WATER-06-QT4-20 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:10:12 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3567	3427	3591	3528	2.50	cps
Lead	207-1	3187	3150	3140	3159	0.78	cps
Lead	208-1	14570	14363	14457	14463	0.72	cps
Lithium	6-1	898113	897436	891903	895817	0.38	cps
Magnesium	24-2	77366	76984	77544	77298	0.37	cps
Manganese	55-2	2524	2574	2550	2549	0.98	cps
Molybdenum	94-1	3614	3614	3457	3562	2.54	cps
Molybdenum	95-1	1983	1897	1960	1947	2.30	cps
Molybdenum	96-1	2567	2490	2590	2549	2.05	cps
Molybdenum	97-1	1193	1240	1187	1207	2.41	cps
Molybdenum	98-1	3240	3027	3077	3115	3.58	cps
Neodymium	150-1	3	10	10	8	49.52	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2200	2174	2157	2177	1.00	cps
Phosphorus	31-2	243	273	243	253	6.84	cps
Potassium	39-2	117294	117704	116602	117200	0.48	cps
Rhodium	103-1	8336910	8333892	8241851	8304218	0.65	cps
Rhodium	103-2	5210830	5272641	5160511	5214661	1.08	cps
Scandium	45-1	4368528	4349932	4372802	4363754	0.28	cps
Scandium	45-2	436598	435188	435050	435612	0.20	cps
Selenium	82-1	1197	1065	1107	1123	6.01	cps
Selenium	77-2	107	77	73	86	21.46	cps
Selenium	78-2	673	650	803	709	11.66	cps
Silicon	28-1	707035	721451	715665	714717	1.02	cps
Silver	107-1	5031	5014	4948	4998	0.88	cps
Silver	109-1	4858	4757	4801	4805	1.04	cps
Sodium	23-2	137662	137971	137571	137735	0.15	cps
Strontium	86-1	1377	1500	1493	1457	4.76	cps
Strontium	88-1	10140	10564	10227	10310	2.17	cps
Sulfur	34-1	139789	140596	141619	140668	0.65	cps
Terbium	159-1	11752468	11776183	11697114	11741921	0.35	cps
Terbium	159-2	8136975	8184331	8298364	8206557	1.01	cps
Thallium	203-1	4181	4027	3937	4048	3.04	cps
Thallium	205-1	9563	9490	9170	9408	2.22	cps
Tin	118-1	4938	4527	4327	4598	6.77	cps
Titanium	47-1	493	463	470	476	3.31	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4368-12 Instrumnet Name : P7
Client Sample ID : MDL-WATER-06-QT4-20 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:10:12 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11699	11475	11378	11517	1.43	cps
Vanadium	51-2	1370	1487	1357	1405	5.09	cps
Yttrium	89-1	15287999	15306404	15296867	15297090	0.06	cps
Yttrium	89-2	4506688	4528500	4463993	4499727	0.73	cps
Zinc	66-2	1077	1203	1053	1111	7.26	cps
Zirconium	90-1	6511	6722	6418	6550	2.37	cps
Zirconium	91-1	1277	1360	1450	1362	6.36	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4776-02 Instrumnet Name : P7
Client Sample ID : MDL-WATER-QT4-2024- Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:13:28 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1843	1863	1883	1863	1.07	cps
Antimony	121-1	3871	3907	3941	3906	0.90	cps
Arsenic	75-2	203	233	243	227	9.18	cps
Barium	135-1	4901	5084	4901	4962	2.13	cps
Barium	137-1	8589	8406	8666	8554	1.56	cps
Beryllium	9-1	470	443	483	466	4.37	cps
Bismuth	209-1	7321391	7348072	7311921	7327128	0.26	cps
Bismuth	209-2	5882970	5966113	5930691	5926591	0.70	cps
Bromine	81-1	15281	15215	15178	15225	0.34	cps
Bromine	81-2	40	97	87	74	40.63	cps
Cadmium	108-1	70	77	80	76	6.74	cps
Cadmium	106-1	4794	4701	4507	4667	3.13	cps
Cadmium	111-1	1810	1840	1796	1815	1.25	cps
Calcium	43-1	5651	5461	5281	5464	3.39	cps
Calcium	44-1	92822	92462	92124	92469	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2384	2397	2344	2375	1.17	cps
Cobalt	59-2	2534	2557	2420	2504	2.92	cps
Copper	63-2	7135	7235	6755	7042	3.60	cps
Dysprosium	156-1	7	3	7	6	34.70	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	70	53	58	18.55	cps
Erbium	164-2	27	37	60	41	41.60	cps
Gadolinium	160-1	57	27	47	43	35.25	cps
Gadolinium	160-2	397	380	453	410	9.38	cps
Holmium	165-1	11605191	11362806	11658149	11542049	1.36	cps
Holmium	165-2	8050762	8243584	8226714	8173687	1.31	cps
Indium	115-1	9151082	9213448	9134823	9166451	0.45	cps
Indium	115-2	3525261	3654580	3617609	3599150	1.85	cps
Iron	56-2	143816	144146	141501	143154	1.01	cps
Iron	57-2	4387	4431	4494	4437	1.21	cps
Iron	54-2	9220	9126	9083	9143	0.76	cps
Krypton	83-1	147	157	110	138	17.83	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4776-02 Instrumnet Name : P7
Client Sample ID : MDL-WATER-QT4-2024- Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:13:28 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3677	3751	3664	3697	1.26	cps
Lead	207-1	3294	3480	3384	3386	2.76	cps
Lead	208-1	14710	14890	15003	14868	1.00	cps
Lithium	6-1	896025	893277	894054	894452	0.16	cps
Magnesium	24-2	77363	77015	77537	77305	0.34	cps
Manganese	55-2	2670	2747	2640	2686	2.05	cps
Molybdenum	94-1	3474	3430	3711	3538	4.26	cps
Molybdenum	95-1	1783	1880	1900	1855	3.36	cps
Molybdenum	96-1	2494	2624	2550	2556	2.55	cps
Molybdenum	97-1	1277	1223	1213	1238	2.75	cps
Molybdenum	98-1	3270	3154	3194	3206	1.85	cps
Neodymium	150-1	0	3	0	1	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	2540	2580	2244	2455	7.49	cps
Phosphorus	31-2	230	233	230	231	0.83	cps
Potassium	39-2	118016	118765	117684	118155	0.47	cps
Rhodium	103-1	8318506	8315505	8337507	8323839	0.14	cps
Rhodium	103-2	5067926	5180179	5137702	5128602	1.11	cps
Scandium	45-1	4366888	4386116	4338748	4363917	0.55	cps
Scandium	45-2	419943	438048	433787	430593	2.20	cps
Selenium	82-1	1185	1121	1173	1160	2.94	cps
Selenium	77-2	83	113	127	108	20.60	cps
Selenium	78-2	850	657	657	721	15.48	cps
Silicon	28-1	719731	723400	716481	719871	0.48	cps
Silver	107-1	5044	4928	4784	4919	2.65	cps
Silver	109-1	4751	4861	4814	4809	1.15	cps
Sodium	23-2	140248	139000	138250	139166	0.73	cps
Strontium	86-1	1477	1537	1433	1482	3.50	cps
Strontium	88-1	10894	10751	10704	10783	0.92	cps
Sulfur	34-1	143490	143291	143762	143514	0.16	cps
Terbium	159-1	11712867	11708304	11690654	11703942	0.10	cps
Terbium	159-2	7933207	8265710	8099816	8099578	2.05	cps
Thallium	203-1	4184	3844	3884	3971	4.68	cps
Thallium	205-1	9437	9477	9423	9446	0.29	cps
Tin	118-1	4661	4544	4858	4687	3.38	cps
Titanium	47-1	490	443	467	467	5.00	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4776-02 Instrumnet Name : P7
Client Sample ID : MDL-WATER-QT4-2024- Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:13:28 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11355	11862	11288	11502	2.73	cps
Vanadium	51-2	1320	1400	1397	1372	3.30	cps
Yttrium	89-1	15547526	15513391	15241718	15434212	1.09	cps
Yttrium	89-2	4377429	4464531	4484762	4442241	1.28	cps
Zinc	66-2	1237	1237	1233	1236	0.16	cps
Zirconium	90-1	6708	6722	6548	6659	1.45	cps
Zirconium	91-1	1510	1473	1693	1559	7.56	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4776-04 Instrumnet Name : P7
Client Sample ID : MDL-SOIL-QT4-2024-08 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:16:47 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1770	1903	1857	1843	3.67	cps
Antimony	121-1	4034	4011	4031	4025	0.31	cps
Arsenic	75-2	227	200	220	216	6.44	cps
Barium	135-1	5084	4941	4968	4998	1.53	cps
Barium	137-1	8456	8416	8569	8480	0.94	cps
Beryllium	9-1	440	507	450	466	7.72	cps
Bismuth	209-1	7469926	7312067	7311526	7364506	1.24	cps
Bismuth	209-2	5963574	5919952	5856975	5913501	0.91	cps
Bromine	81-1	15211	15328	15789	15443	1.98	cps
Bromine	81-2	93	100	83	92	9.10	cps
Cadmium	108-1	70	67	83	73	12.02	cps
Cadmium	106-1	4607	4637	4664	4636	0.61	cps
Cadmium	111-1	1876	1861	1895	1877	0.90	cps
Calcium	43-1	5764	5511	5601	5626	2.28	cps
Calcium	44-1	93391	93257	92369	93006	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2350	2347	2427	2375	1.91	cps
Cobalt	59-2	2554	2660	2637	2617	2.14	cps
Copper	63-2	18168	17657	17841	17889	1.45	cps
Dysprosium	156-1	7	10	10	9	21.63	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	53	47	53	51	7.52	cps
Erbium	164-2	47	20	23	30	48.44	cps
Gadolinium	160-1	53	53	70	59	16.34	cps
Gadolinium	160-2	430	370	427	409	8.25	cps
Holmium	165-1	11513137	11334974	11462792	11436967	0.80	cps
Holmium	165-2	8289183	8176178	8249284	8238215	0.70	cps
Indium	115-1	9380790	9132920	9148792	9220834	1.50	cps
Indium	115-2	3616093	3604459	3647571	3622708	0.62	cps
Iron	56-2	145072	144994	144796	144954	0.10	cps
Iron	57-2	4277	4591	4677	4515	4.66	cps
Iron	54-2	9273	9173	9123	9190	0.83	cps
Krypton	83-1	160	140	143	148	7.25	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4776-04 Instrumnet Name : P7
Client Sample ID : MDL-SOIL-QT4-2024-08 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:16:47 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4184	4274	4324	4261	1.67	cps
Lead	207-1	3764	3704	3754	3741	0.86	cps
Lead	208-1	17471	17068	17034	17191	1.41	cps
Lithium	6-1	900660	894682	886772	894038	0.78	cps
Magnesium	24-2	78234	78954	78204	78464	0.54	cps
Manganese	55-2	2814	2740	2664	2739	2.74	cps
Molybdenum	94-1	3484	3547	3444	3492	1.49	cps
Molybdenum	95-1	2010	2033	1847	1963	5.18	cps
Molybdenum	96-1	2437	2430	2647	2505	4.92	cps
Molybdenum	97-1	1297	1240	1187	1241	4.43	cps
Molybdenum	98-1	3374	3167	3404	3315	3.89	cps
Neodymium	150-1	7	0	10	6	91.64	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	4044	4167	4044	4085	1.74	cps
Phosphorus	31-2	277	233	287	266	10.67	cps
Potassium	39-2	120139	120694	120824	120552	0.30	cps
Rhodium	103-1	8394475	8307277	8327629	8343127	0.55	cps
Rhodium	103-2	5214409	5162020	5158265	5178231	0.61	cps
Scandium	45-1	4493365	4346722	4333213	4391100	2.02	cps
Scandium	45-2	437965	436505	437941	437471	0.19	cps
Selenium	82-1	1204	1171	1153	1176	2.21	cps
Selenium	77-2	117	90	83	97	18.25	cps
Selenium	78-2	767	747	723	746	2.91	cps
Silicon	28-1	719182	718678	721875	719912	0.24	cps
Silver	107-1	5111	4934	4934	4993	2.04	cps
Silver	109-1	4617	5011	4771	4800	4.13	cps
Sodium	23-2	140924	139737	139333	139998	0.59	cps
Strontium	86-1	1553	1430	1400	1461	5.56	cps
Strontium	88-1	10407	10777	10557	10581	1.76	cps
Sulfur	34-1	144970	146100	147346	146139	0.81	cps
Terbium	159-1	11840100	11776521	11726931	11781184	0.48	cps
Terbium	159-2	8097337	8202207	8226560	8175368	0.84	cps
Thallium	203-1	3864	3907	4191	3987	4.45	cps
Thallium	205-1	9937	9657	9507	9700	2.25	cps
Tin	118-1	4794	5034	4941	4923	2.46	cps
Titanium	47-1	527	517	543	529	2.55	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : P4776-04 Instrumnet Name : P7
Client Sample ID : MDL-SOIL-QT4-2024-08 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:16:47 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11648	11615	11502	11588	0.66	cps
Vanadium	51-2	1470	1453	1303	1409	6.52	cps
Yttrium	89-1	15599759	15417389	15332275	15449808	0.88	cps
Yttrium	89-2	4552545	4536732	4459428	4516235	1.10	cps
Zinc	66-2	1900	1783	1937	1873	4.27	cps
Zirconium	90-1	6868	6922	6798	6863	0.90	cps
Zirconium	91-1	1413	1587	1473	1491	5.90	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166507BL Instrumnet Name : P7
Client Sample ID : PBW507 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:20:04 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	193	233	210	212	9.47	cps
Antimony	121-1	43	53	43	47	12.37	cps
Arsenic	75-2	10	7	17	11	45.82	cps
Barium	135-1	37	33	47	39	17.85	cps
Barium	137-1	83	40	60	61	35.49	cps
Beryllium	9-1	77	47	100	74	35.91	cps
Bismuth	209-1	7296895	7243450	7156872	7232406	0.98	cps
Bismuth	209-2	5867839	5842761	5820762	5843787	0.40	cps
Bromine	81-1	15768	15401	15995	15722	1.91	cps
Bromine	81-2	100	90	97	96	5.33	cps
Cadmium	108-1	13	7	13	11	34.61	cps
Cadmium	106-1	4727	4501	4291	4506	4.85	cps
Cadmium	111-1	943	922	859	908	4.82	cps
Calcium	43-1	343	233	290	289	19.04	cps
Calcium	44-1	6038	6265	6371	6225	2.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	693	570	703	656	11.33	cps
Cobalt	59-2	90	117	100	102	13.18	cps
Copper	63-2	1447	1260	1353	1353	6.90	cps
Dysprosium	156-1	7	10	3	7	50.03	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	57	53	53	54	3.54	cps
Erbium	164-2	57	40	30	42	31.91	cps
Gadolinium	160-1	30	30	33	31	6.18	cps
Gadolinium	160-2	413	390	377	393	4.72	cps
Holmium	165-1	11256492	11384729	11286116	11309112	0.59	cps
Holmium	165-2	8136813	8101870	8178732	8139138	0.47	cps
Indium	115-1	9052667	9205650	8990290	9082869	1.22	cps
Indium	115-2	3543425	3565660	3581839	3563641	0.54	cps
Iron	56-2	15164	15141	15264	15190	0.43	cps
Iron	57-2	1090	1170	1277	1179	7.94	cps
Iron	54-2	2230	2070	2124	2141	3.81	cps
Krypton	83-1	190	153	200	181	13.56	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166507BL Instrumnet Name : P7
Client Sample ID : PBW507 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:20:04 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	640	563	637	613	7.07	cps
Lead	207-1	577	503	520	533	7.21	cps
Lead	208-1	2537	2307	2433	2426	4.75	cps
Lithium	6-1	881811	874758	869231	875267	0.72	cps
Magnesium	24-2	753	790	883	809	8.29	cps
Manganese	55-2	180	177	257	204	22.14	cps
Molybdenum	94-1	213	273	200	229	17.07	cps
Molybdenum	95-1	103	70	123	99	27.25	cps
Molybdenum	96-1	163	190	143	166	14.14	cps
Molybdenum	97-1	50	77	43	57	31.13	cps
Molybdenum	98-1	147	163	157	156	5.39	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1570	1470	1403	1481	5.66	cps
Phosphorus	31-2	133	103	140	126	15.56	cps
Potassium	39-2	51968	50854	51778	51534	1.16	cps
Rhodium	103-1	8250203	8245922	8271502	8255876	0.17	cps
Rhodium	103-2	5112244	5105911	5131105	5116420	0.26	cps
Scandium	45-1	4358410	4367169	4381407	4368995	0.27	cps
Scandium	45-2	434691	432525	430001	432406	0.54	cps
Selenium	82-1	237	320	278	278	14.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	380	417	347	381	9.19	cps
Silicon	28-1	730504	722918	727120	726848	0.52	cps
Silver	107-1	103	53	90	82	31.49	cps
Silver	109-1	53	33	27	38	36.73	cps
Sodium	23-2	16589	16779	16606	16658	0.63	cps
Strontium	86-1	287	320	297	301	5.68	cps
Strontium	88-1	177	187	173	179	3.88	cps
Sulfur	34-1	148561	146343	146918	147274	0.78	cps
Terbium	159-1	11504179	11712829	11433014	11550008	1.26	cps
Terbium	159-2	8175280	8094295	8133426	8134334	0.50	cps
Thallium	203-1	257	220	267	248	9.92	cps
Thallium	205-1	577	660	687	641	8.95	cps
Tin	118-1	1203	1050	1107	1120	6.92	cps
Titanium	47-1	67	83	67	72	13.32	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166507BL Instrumnet Name : P7
Client Sample ID : PBW507 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:20:04 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	97	57	53	69	35.01	cps
Vanadium	51-2	13	10	17	13	25.01	cps
Yttrium	89-1	15046094	15304138	15085920	15145384	0.92	cps
Yttrium	89-2	4465493	4453869	4443648	4454337	0.25	cps
Zinc	66-2	520	530	520	523	1.10	cps
Zirconium	90-1	493	560	500	518	7.09	cps
Zirconium	91-1	133	63	100	99	35.41	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV016 Instrumnet Name : P7
Client Sample ID : CCV016 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:26:13 DataFile Name : 033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8744649	8753460	8619036	8705715	0.86	cps
Antimony	121-1	4495144	4456216	4460188	4470516	0.48	cps
Arsenic	75-2	223087	222123	219870	221693	0.74	cps
Barium	135-1	5922163	5983113	5895115	5933464	0.76	cps
Barium	137-1	10247229	10431811	10246382	10308474	1.04	cps
Beryllium	9-1	462452	457260	458414	459375	0.59	cps
Bismuth	209-1	6585271	6690121	6584646	6620013	0.92	cps
Bismuth	209-2	5283730	5252303	5237277	5257770	0.45	cps
Bromine	81-1	12916	12799	12716	12810	0.79	cps
Bromine	81-2	93	77	130	100	27.28	cps
Cadmium	108-1	78451	78001	78856	78436	0.55	cps
Cadmium	106-1	116469	114315	112891	114558	1.57	cps
Cadmium	111-1	990455	981084	987074	986204	0.48	cps
Calcium	43-1	4887451	4805917	4781602	4824990	1.15	cps
Calcium	44-1	79168824	77342032	77463002	77991286	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1713313	1713447	1695854	1707538	0.59	cps
Cobalt	59-2	2580498	2563368	2553757	2565874	0.53	cps
Copper	63-2	17250195	17083988	17088239	17140807	0.55	cps
Dysprosium	156-1	267	257	200	241	14.91	cps
Dysprosium	156-2	400	450	363	404	10.76	cps
Erbium	164-1	293	243	263	267	9.44	cps
Erbium	164-2	173	180	170	174	2.92	cps
Gadolinium	160-1	190	247	197	211	14.67	cps
Gadolinium	160-2	510	487	567	521	7.89	cps
Holmium	165-1	10947690	10936634	10839050	10907791	0.55	cps
Holmium	165-2	7857292	7877727	7917531	7884183	0.39	cps
Indium	115-1	8110305	7962832	7935931	8003023	1.17	cps
Indium	115-2	3134140	3162498	3097206	3131282	1.05	cps
Iron	56-2	393094354	388623154	389128728	390282079	0.63	cps
Iron	57-2	9770717	9705578	9690674	9722323	0.44	cps
Iron	54-2	20935004	21129122	21026998	21030375	0.46	cps
Krypton	83-1	177	183	177	179	2.15	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV016 Instrumnet Name : P7
Client Sample ID : CCV016 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:26:13 DataFile Name : 033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18981333	18777957	18950459	18903250	0.58	cps
Lead	207-1	16649864	16537767	16704852	16630828	0.51	cps
Lead	208-1	76090078	76011674	76162109	76087953	0.10	cps
Lithium	6-1	864253	870039	866970	867087	0.33	cps
Magnesium	24-2	76073634	75987682	74792456	75617924	0.95	cps
Manganese	55-2	13743328	13702066	13860211	13768535	0.60	cps
Molybdenum	94-1	15249538	14924952	14973352	15049281	1.16	cps
Molybdenum	95-1	22092703	21677217	21684855	21818258	1.09	cps
Molybdenum	96-1	24369128	23910150	23658718	23979332	1.50	cps
Molybdenum	97-1	13836678	13649335	13364882	13616965	1.74	cps
Molybdenum	98-1	35650914	35005454	34675198	35110522	1.41	cps
Neodymium	150-1	380	440	483	434	11.94	cps
Neodymium	150-2	123	97	110	110	12.12	cps
Nickel	60-2	620677	618974	613780	617810	0.58	cps
Phosphorus	31-2	87820	87354	86583	87252	0.72	cps
Potassium	39-2	48575618	48728841	48157846	48487435	0.61	cps
Rhodium	103-1	7088338	6998016	6851831	6979395	1.71	cps
Rhodium	103-2	4353774	4368161	4385566	4369167	0.36	cps
Scandium	45-1	3939097	3887778	3816965	3881280	1.58	cps
Scandium	45-2	389487	394572	391592	391883	0.65	cps
Selenium	82-1	60415	60274	59756	60148	0.58	cps
Selenium	77-2	6898	6862	7135	6965	2.13	cps
Selenium	78-2	24003	23909	23252	23721	1.73	cps
Silicon	28-1	2694277	2655708	2655361	2668449	0.84	cps
Silver	107-1	5310730	5211493	5236145	5252789	0.98	cps
Silver	109-1	5133966	5076567	4985091	5065208	1.48	cps
Sodium	23-2	119242785	117189428	117819278	118083830	0.89	cps
Strontium	86-1	1346908	1330814	1327393	1335039	0.78	cps
Strontium	88-1	12139899	12032674	12036012	12069528	0.51	cps
Sulfur	34-1	398792	386983	382876	389550	2.12	cps
Terbium	159-1	11109149	11166550	10991079	11088926	0.81	cps
Terbium	159-2	7772213	7780888	7805712	7786271	0.22	cps
Thallium	203-1	4682614	4712266	4785521	4726800	1.12	cps
Thallium	205-1	11252248	11156107	11398766	11269040	1.08	cps
Tin	118-1	3725862	3729733	3744122	3733239	0.26	cps
Titanium	47-1	4843784	4705292	4673003	4740693	1.91	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV016 Instrumnet Name : P7
Client Sample ID : CCV016 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:26:13 DataFile Name : 033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15909047	16059210	15996999	15988419	0.47	cps
Vanadium	51-2	1534778	1520029	1529420	1528076	0.49	cps
Yttrium	89-1	13802806	13687795	13636590	13709064	0.62	cps
Yttrium	89-2	4046939	4041690	3996191	4028273	0.69	cps
Zinc	66-2	3164590	3096083	3106698	3122457	1.18	cps
Zirconium	90-1	7537315	7477547	7404071	7472977	0.89	cps
Zirconium	91-1	1672024	1634812	1633996	1646944	1.32	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB016 Instrumnet Name : P7
Client Sample ID : CCB016 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:28:59 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1067	1097	1067	1077	1.61	cps
Antimony	121-1	783	623	737	714	11.52	cps
Arsenic	75-2	33	27	47	36	28.64	cps
Barium	135-1	467	360	513	447	17.60	cps
Barium	137-1	763	833	767	788	5.01	cps
Beryllium	9-1	147	173	163	161	8.36	cps
Bismuth	209-1	7253232	7359269	7258601	7290367	0.82	cps
Bismuth	209-2	5945676	5929797	5868443	5914638	0.69	cps
Bromine	81-1	11985	12145	12332	12154	1.43	cps
Bromine	81-2	77	77	73	76	2.55	cps
Cadmium	108-1	27	10	13	17	52.93	cps
Cadmium	106-1	4057	3941	3784	3927	3.49	cps
Cadmium	111-1	883	904	877	888	1.61	cps
Calcium	43-1	607	653	613	624	4.04	cps
Calcium	44-1	11451	11541	11861	11618	1.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	853	903	877	878	2.85	cps
Cobalt	59-2	290	410	390	363	17.69	cps
Copper	63-2	3114	3124	3184	3140	1.21	cps
Dysprosium	156-1	13	3	3	7	86.65	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	63	73	63	67	8.66	cps
Erbium	164-2	60	37	30	42	37.31	cps
Gadolinium	160-1	43	50	47	47	7.15	cps
Gadolinium	160-2	430	467	373	423	11.11	cps
Holmium	165-1	11206337	11268196	11184148	11219560	0.39	cps
Holmium	165-2	8084733	7982307	8006021	8024354	0.67	cps
Indium	115-1	8594135	8685371	8611196	8630234	0.56	cps
Indium	115-2	3472773	3442675	3407161	3440870	0.95	cps
Iron	56-2	52612	54726	57008	54782	4.01	cps
Iron	57-2	2104	2030	1937	2023	4.13	cps
Iron	54-2	4107	4227	4261	4198	1.92	cps
Krypton	83-1	123	133	123	127	4.56	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB016 Instrumnet Name : P7
Client Sample ID : CCB016 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:28:59 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2507	2337	2234	2359	5.85	cps
Lead	207-1	2074	1994	2144	2070	3.63	cps
Lead	208-1	9735	9175	9281	9397	3.17	cps
Lithium	6-1	895176	900490	897107	897591	0.30	cps
Magnesium	24-2	7905	8436	8196	8179	3.25	cps
Manganese	55-2	1853	1813	1860	1842	1.37	cps
Molybdenum	94-1	1400	1400	1533	1445	5.33	cps
Molybdenum	95-1	1900	2104	1923	1976	5.63	cps
Molybdenum	96-1	1980	2164	1973	2039	5.29	cps
Molybdenum	97-1	1233	1053	1193	1160	8.15	cps
Molybdenum	98-1	2954	2980	3124	3019	3.03	cps
Neodymium	150-1	7	3	0	3	100.05	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	1450	1403	1387	1413	2.32	cps
Phosphorus	31-2	167	170	153	163	5.40	cps
Potassium	39-2	52410	52707	52527	52548	0.29	cps
Rhodium	103-1	7646865	7695658	7779979	7707501	0.87	cps
Rhodium	103-2	4915916	4867580	4838876	4874124	0.80	cps
Scandium	45-1	3888815	3937640	3869307	3898587	0.90	cps
Scandium	45-2	402253	403177	399311	401581	0.50	cps
Selenium	82-1	275	259	263	266	3.18	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	370	357	337	354	4.73	cps
Silicon	28-1	598574	597496	603423	599831	0.53	cps
Silver	107-1	773	680	670	708	8.05	cps
Silver	109-1	620	613	620	618	0.62	cps
Sodium	23-2	40771	39404	40543	40239	1.82	cps
Strontium	86-1	363	340	367	357	4.07	cps
Strontium	88-1	1120	1070	1087	1092	2.33	cps
Sulfur	34-1	120827	121011	121105	120981	0.12	cps
Terbium	159-1	11449238	11393583	11630830	11491217	1.08	cps
Terbium	159-2	8057136	7960021	7979361	7998839	0.64	cps
Thallium	203-1	780	707	673	720	7.58	cps
Thallium	205-1	1790	1687	1750	1742	2.99	cps
Tin	118-1	1740	1723	1547	1670	6.42	cps
Titanium	47-1	377	337	363	359	5.68	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB016 Instrumnet Name : P7
Client Sample ID : CCB016 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:28:59 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1063	1133	1187	1128	5.48	cps
Vanadium	51-2	150	127	143	140	8.58	cps
Yttrium	89-1	14133443	14153184	14085254	14123960	0.25	cps
Yttrium	89-2	4286203	4216203	4183892	4228766	1.24	cps
Zinc	66-2	810	833	793	812	2.47	cps
Zirconium	90-1	1290	1120	1053	1155	10.57	cps
Zirconium	91-1	287	303	277	289	4.66	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166507BS Instrumnet Name : P7
Client Sample ID : LCS507 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:48:32 DataFile Name : 039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7512	7969	7519	7666	3.42	cps
Antimony	121-1	37539	36780	37542	37287	1.18	cps
Arsenic	75-2	1103	1147	1120	1123	1.95	cps
Barium	135-1	47171	47342	46773	47095	0.62	cps
Barium	137-1	81522	82075	82745	82114	0.75	cps
Beryllium	9-1	2017	2157	2114	2096	3.42	cps
Bismuth	209-1	7220369	7251899	7319518	7263929	0.70	cps
Bismuth	209-2	5922512	5892376	5868776	5894555	0.46	cps
Bromine	81-1	14350	14377	14761	14496	1.58	cps
Bromine	81-2	147	110	103	120	19.45	cps
Cadmium	108-1	397	407	343	382	8.91	cps
Cadmium	106-1	4594	4621	4784	4666	2.21	cps
Cadmium	111-1	5282	5470	5547	5433	2.51	cps
Calcium	43-1	22390	22801	22003	22398	1.78	cps
Calcium	44-1	361942	365420	364798	364053	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15682	15385	15425	15497	1.04	cps
Cobalt	59-2	12365	11838	12068	12090	2.19	cps
Copper	63-2	18642	18662	18298	18534	1.10	cps
Dysprosium	156-1	3	3	0	2	86.60	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	67	57	47	57	17.65	cps
Erbium	164-2	23	23	33	27	21.65	cps
Gadolinium	160-1	47	43	27	39	27.55	cps
Gadolinium	160-2	423	373	410	402	6.44	cps
Holmium	165-1	11316884	11333639	11297172	11315898	0.16	cps
Holmium	165-2	8257024	8187101	8071579	8171901	1.15	cps
Indium	115-1	8932229	8960196	8892162	8928196	0.38	cps
Indium	115-2	3536146	3482455	3529449	3516017	0.83	cps
Iron	56-2	1453790	1426421	1428353	1436188	1.06	cps
Iron	57-2	36959	37944	37046	37316	1.46	cps
Iron	54-2	80761	80855	81354	80990	0.39	cps
Krypton	83-1	120	137	120	126	7.67	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166507BS Instrumnet Name : P7
Client Sample ID : LCS507 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:48:32 DataFile Name : 039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15793	15496	15956	15748	1.48	cps
Lead	207-1	13584	13944	13800	13776	1.32	cps
Lead	208-1	62704	62430	63184	62772	0.61	cps
Lithium	6-1	888258	886410	893263	889311	0.40	cps
Magnesium	24-2	306831	305431	305585	305949	0.25	cps
Manganese	55-2	6181	6391	6375	6316	1.85	cps
Molybdenum	94-1	37939	37628	37087	37551	1.15	cps
Molybdenum	95-1	45494	45634	45089	45406	0.62	cps
Molybdenum	96-1	50788	50784	50102	50558	0.78	cps
Molybdenum	97-1	28247	28331	28391	28323	0.25	cps
Molybdenum	98-1	72257	72958	73973	73062	1.18	cps
Neodymium	150-1	23	20	13	19	26.96	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	4164	4657	4627	4483	6.17	cps
Phosphorus	31-2	587	607	640	611	4.41	cps
Potassium	39-2	498020	495874	498698	497531	0.30	cps
Rhodium	103-1	8070840	8097947	8026539	8065109	0.45	cps
Rhodium	103-2	5118069	5097015	5071172	5095419	0.46	cps
Scandium	45-1	4153357	4216196	4199828	4189794	0.78	cps
Scandium	45-2	425915	420439	420754	422369	0.73	cps
Selenium	82-1	1849	1835	1785	1823	1.85	cps
Selenium	77-2	137	197	193	176	19.21	cps
Selenium	78-2	970	987	1023	993	2.75	cps
Silicon	28-1	732893	736842	738705	736147	0.40	cps
Silver	107-1	24007	23579	23840	23808	0.90	cps
Silver	109-1	22708	22902	21823	22478	2.56	cps
Sodium	23-2	525313	527710	524687	525903	0.30	cps
Strontium	86-1	5768	5991	5925	5895	1.95	cps
Strontium	88-1	50028	50794	50510	50444	0.77	cps
Sulfur	34-1	136910	139062	139914	138628	1.12	cps
Terbium	159-1	11622118	11507352	11615151	11581541	0.56	cps
Terbium	159-2	8149838	8112077	8141069	8134328	0.24	cps
Thallium	203-1	19000	19113	19404	19172	1.09	cps
Thallium	205-1	44676	45479	44656	44937	1.04	cps
Tin	118-1	79022	77781	77758	78187	0.92	cps
Titanium	47-1	12168	12652	12482	12434	1.97	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166507BS Instrumnet Name : P7
Client Sample ID : LCS507 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:48:32 DataFile Name : 039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57021	56389	56874	56761	0.58	cps
Vanadium	51-2	34055	34095	33260	33803	1.39	cps
Yttrium	89-1	14799721	14778448	14851611	14809927	0.25	cps
Yttrium	89-2	4425357	4384749	4396926	4402344	0.47	cps
Zinc	66-2	7772	7769	7689	7743	0.61	cps
Zirconium	90-1	30779	31300	31601	31227	1.33	cps
Zirconium	91-1	6765	6838	6858	6821	0.72	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166509BL Instrumnet Name : P7
Client Sample ID : PBS509 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:51:47 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330	283	297	303	7.92	cps
Antimony	121-1	63	53	67	61	11.36	cps
Arsenic	75-2	13	0	7	7	99.98	cps
Barium	135-1	37	23	27	29	24.03	cps
Barium	137-1	67	70	50	62	17.22	cps
Beryllium	9-1	50	67	60	59	14.25	cps
Bismuth	209-1	7242243	7164489	7149505	7185412	0.69	cps
Bismuth	209-2	5917934	5824779	5820284	5854332	0.94	cps
Bromine	81-1	14541	14948	15084	14858	1.90	cps
Bromine	81-2	100	107	130	112	14.04	cps
Cadmium	108-1	17	13	17	16	12.40	cps
Cadmium	106-1	4761	4367	4531	4553	4.34	cps
Cadmium	111-1	947	877	904	910	3.86	cps
Calcium	43-1	273	290	307	290	5.75	cps
Calcium	44-1	5988	5968	5751	5902	2.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	720	663	607	663	8.54	cps
Cobalt	59-2	97	137	173	136	28.29	cps
Copper	63-2	1357	1350	1390	1366	1.57	cps
Dysprosium	156-1	7	0	10	6	91.64	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	53	50	67	57	15.57	cps
Erbium	164-2	43	37	37	39	9.89	cps
Gadolinium	160-1	20	30	40	30	33.33	cps
Gadolinium	160-2	397	463	390	417	9.73	cps
Holmium	165-1	11392982	11301099	11201990	11298691	0.85	cps
Holmium	165-2	8108924	8083303	8169125	8120450	0.54	cps
Indium	115-1	8901628	8956968	8878134	8912243	0.45	cps
Indium	115-2	3507438	3537461	3505998	3516966	0.51	cps
Iron	56-2	14991	14270	14347	14536	2.72	cps
Iron	57-2	1000	1073	1047	1040	3.57	cps
Iron	54-2	1977	1903	2244	2041	8.77	cps
Krypton	83-1	163	170	157	163	4.08	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166509BL Instrumnet Name : P7
Client Sample ID : PBS509 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:51:47 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	760	647	680	696	8.37	cps
Lead	207-1	577	590	617	594	3.43	cps
Lead	208-1	2787	2737	2680	2735	1.95	cps
Lithium	6-1	890652	885125	886214	887330	0.33	cps
Magnesium	24-2	703	773	807	761	6.93	cps
Manganese	55-2	220	270	173	221	21.86	cps
Molybdenum	94-1	253	217	207	226	10.89	cps
Molybdenum	95-1	90	80	113	94	18.11	cps
Molybdenum	96-1	153	167	137	152	9.87	cps
Molybdenum	97-1	60	70	63	64	7.90	cps
Molybdenum	98-1	127	140	160	142	11.80	cps
Neodymium	150-1	0	10	7	6	91.64	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1533	1407	1367	1436	6.06	cps
Phosphorus	31-2	160	153	190	168	11.64	cps
Potassium	39-2	49176	48099	48624	48633	1.11	cps
Rhodium	103-1	8095473	8072612	8086613	8084900	0.14	cps
Rhodium	103-2	5021853	5083822	5052293	5052656	0.61	cps
Scandium	45-1	4271285	4192162	4208867	4224104	0.99	cps
Scandium	45-2	423037	422976	422244	422752	0.10	cps
Selenium	82-1	277	245	298	273	9.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	363	390	377	377	3.54	cps
Silicon	28-1	681754	675230	673384	676789	0.65	cps
Silver	107-1	97	93	123	104	15.75	cps
Silver	109-1	20	30	43	31	37.62	cps
Sodium	23-2	16412	16592	16215	16407	1.15	cps
Strontium	86-1	270	263	240	258	6.11	cps
Strontium	88-1	200	130	163	164	21.29	cps
Sulfur	34-1	139298	139322	140714	139778	0.58	cps
Terbium	159-1	11508855	11707534	11564247	11593546	0.88	cps
Terbium	159-2	8136957	8070035	8092229	8099740	0.42	cps
Thallium	203-1	430	393	440	421	5.83	cps
Thallium	205-1	1060	973	927	987	6.86	cps
Tin	118-1	1070	1040	1087	1066	2.22	cps
Titanium	47-1	77	63	43	61	27.46	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166509BL Instrumnet Name : P7
Client Sample ID : PBS509 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:51:47 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	13	23	20	28.87	cps
Vanadium	51-2	13	17	3	11	62.48	cps
Yttrium	89-1	15083018	14704664	15102874	14963519	1.50	cps
Yttrium	89-2	4445979	4367127	4424558	4412555	0.92	cps
Zinc	66-2	423	493	487	468	8.26	cps
Zirconium	90-1	623	510	550	561	10.24	cps
Zirconium	91-1	97	90	60	82	23.76	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166509BS Instrumnet Name : P7
Client Sample ID : LCS509 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:55:06 DataFile Name : 041LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8419	8342	8092	8285	2.06	cps
Antimony	121-1	40554	39207	40129	39963	1.72	cps
Arsenic	75-2	1203	1227	1113	1181	5.07	cps
Barium	135-1	51325	50278	51606	51070	1.37	cps
Barium	137-1	87295	87701	87369	87455	0.25	cps
Beryllium	9-1	2093	2260	2237	2197	4.11	cps
Bismuth	209-1	7270547	7162741	7250942	7228077	0.79	cps
Bismuth	209-2	5815268	5844384	5863469	5841040	0.42	cps
Bromine	81-1	14531	14731	14697	14653	0.73	cps
Bromine	81-2	113	107	160	127	22.94	cps
Cadmium	108-1	370	387	400	386	3.90	cps
Cadmium	106-1	5071	4918	5061	5016	1.71	cps
Cadmium	111-1	5846	5737	5946	5843	1.79	cps
Calcium	43-1	23505	24156	24356	24006	1.85	cps
Calcium	44-1	390833	391870	393808	392170	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16342	16479	16082	16301	1.24	cps
Cobalt	59-2	12829	13206	13072	13036	1.47	cps
Copper	63-2	19937	19726	19797	19820	0.54	cps
Dysprosium	156-1	20	23	20	21	9.11	cps
Dysprosium	156-2	13	7	20	13	49.99	cps
Erbium	164-1	53	63	77	64	18.17	cps
Erbium	164-2	37	40	27	34	20.14	cps
Gadolinium	160-1	53	57	33	48	26.42	cps
Gadolinium	160-2	393	383	440	406	7.46	cps
Holmium	165-1	11028879	11305560	11338310	11224250	1.51	cps
Holmium	165-2	8016563	8195603	8183193	8131786	1.23	cps
Indium	115-1	8843600	8840879	9012826	8899101	1.11	cps
Indium	115-2	3578462	3561474	3519305	3553080	0.86	cps
Iron	56-2	1540372	1533856	1516748	1530325	0.80	cps
Iron	57-2	40641	39843	40317	40267	1.00	cps
Iron	54-2	87995	86305	87231	87177	0.97	cps
Krypton	83-1	147	190	187	174	13.82	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166509BS Instrumnet Name : P7
Client Sample ID : LCS509 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:55:06 DataFile Name : 041LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16377	16453	16724	16518	1.10	cps
Lead	207-1	13991	14615	14661	14422	2.60	cps
Lead	208-1	65155	66741	66814	66237	1.42	cps
Lithium	6-1	891847	886274	885790	887971	0.38	cps
Magnesium	24-2	329357	329961	329598	329639	0.09	cps
Manganese	55-2	6832	6685	6572	6696	1.95	cps
Molybdenum	94-1	39901	40265	39921	40029	0.51	cps
Molybdenum	95-1	48393	48868	48008	48423	0.89	cps
Molybdenum	96-1	54163	54006	54354	54174	0.32	cps
Molybdenum	97-1	30308	30518	30859	30562	0.91	cps
Molybdenum	98-1	78298	78647	78931	78625	0.40	cps
Neodymium	150-1	17	17	10	14	26.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	4407	4691	4644	4581	3.32	cps
Phosphorus	31-2	643	657	673	658	2.28	cps
Potassium	39-2	533193	536115	533713	534340	0.29	cps
Rhodium	103-1	8051471	8084473	8123475	8086473	0.45	cps
Rhodium	103-2	5063961	5043573	5030450	5045995	0.33	cps
Scandium	45-1	4223567	4194544	4247111	4221741	0.62	cps
Scandium	45-2	425461	426523	425712	425899	0.13	cps
Selenium	82-1	1847	1720	1809	1792	3.64	cps
Selenium	77-2	203	153	167	174	14.84	cps
Selenium	78-2	907	1030	953	963	6.46	cps
Silicon	28-1	760752	766941	763620	763771	0.41	cps
Silver	107-1	25275	24841	25262	25126	0.98	cps
Silver	109-1	23967	23916	24067	23983	0.32	cps
Sodium	23-2	567148	563837	565619	565535	0.29	cps
Strontium	86-1	6348	6391	6301	6347	0.71	cps
Strontium	88-1	54139	53744	54450	54111	0.65	cps
Sulfur	34-1	143432	143338	145364	144045	0.79	cps
Terbium	159-1	11418782	11368459	11540794	11442678	0.77	cps
Terbium	159-2	8163319	8089977	8056178	8103158	0.68	cps
Thallium	203-1	20425	20302	19948	20225	1.22	cps
Thallium	205-1	47894	48690	48754	48446	0.99	cps
Tin	118-1	83872	84523	83983	84126	0.41	cps
Titanium	47-1	12919	12622	12655	12732	1.28	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166509BS Instrumnet Name : P7
Client Sample ID : LCS509 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:55:06 DataFile Name : 041LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61150	61689	59800	60879	1.60	cps
Vanadium	51-2	36360	36444	35933	36246	0.76	cps
Yttrium	89-1	14846459	14902392	15005453	14918101	0.54	cps
Yttrium	89-2	4424575	4361502	4382385	4389487	0.73	cps
Zinc	66-2	8376	8456	8586	8472	1.25	cps
Zirconium	90-1	33598	33154	33298	33350	0.68	cps
Zirconium	91-1	7349	7339	7462	7383	0.93	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166539BL Instrumnet Name : P7
Client Sample ID : PBS539 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:58:21 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207	270	207	228	16.05	cps
Antimony	121-1	40	73	40	51	37.65	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	63	47	23	44	45.21	cps
Barium	137-1	47	80	97	74	34.20	cps
Beryllium	9-1	70	77	77	74	5.17	cps
Bismuth	209-1	7142366	7303742	7126653	7190920	1.36	cps
Bismuth	209-2	5853042	5880680	5757869	5830530	1.10	cps
Bromine	81-1	14951	15094	14737	14928	1.20	cps
Bromine	81-2	87	97	93	92	5.52	cps
Cadmium	108-1	7	17	3	9	78.08	cps
Cadmium	106-1	4494	4397	4314	4402	2.05	cps
Cadmium	111-1	897	871	864	877	2.02	cps
Calcium	43-1	323	333	250	302	15.06	cps
Calcium	44-1	6101	6055	5928	6028	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	617	603	617	612	1.26	cps
Cobalt	59-2	100	130	123	118	13.38	cps
Copper	63-2	1313	1367	1360	1347	2.16	cps
Dysprosium	156-1	3	10	3	6	69.34	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	43	43	73	53	32.48	cps
Erbium	164-2	40	37	33	37	9.10	cps
Gadolinium	160-1	37	37	33	36	5.42	cps
Gadolinium	160-2	397	387	460	414	9.59	cps
Holmium	165-1	11300394	11338024	11191620	11276679	0.67	cps
Holmium	165-2	8154903	8008919	8045958	8069927	0.94	cps
Indium	115-1	8826060	8948395	8999102	8924519	1.00	cps
Indium	115-2	3574836	3565679	3556853	3565789	0.25	cps
Iron	56-2	14824	14150	14397	14457	2.36	cps
Iron	57-2	1030	1107	1200	1112	7.65	cps
Iron	54-2	1910	2043	2007	1987	3.47	cps
Krypton	83-1	133	150	177	153	14.25	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166539BL Instrumnet Name : P7
Client Sample ID : PBS539 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:58:21 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	767	617	637	673	12.10	cps
Lead	207-1	533	610	587	577	6.82	cps
Lead	208-1	3110	2643	2697	2817	9.07	cps
Lithium	6-1	883090	879620	875260	879323	0.45	cps
Magnesium	24-2	670	843	677	730	13.45	cps
Manganese	55-2	173	153	160	162	6.28	cps
Molybdenum	94-1	197	227	253	226	12.57	cps
Molybdenum	95-1	70	123	73	89	33.62	cps
Molybdenum	96-1	147	120	177	148	19.18	cps
Molybdenum	97-1	57	77	73	69	15.55	cps
Molybdenum	98-1	130	143	117	130	10.26	cps
Neodymium	150-1	3	7	0	3	100.05	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	1453	1390	1367	1403	3.20	cps
Phosphorus	31-2	150	150	173	158	8.54	cps
Potassium	39-2	49567	49239	48915	49240	0.66	cps
Rhodium	103-1	8129792	8136810	8101070	8122557	0.23	cps
Rhodium	103-2	5073733	5126210	5048240	5082728	0.78	cps
Scandium	45-1	4201944	4225053	4261727	4229575	0.71	cps
Scandium	45-2	424448	424640	423373	424154	0.16	cps
Selenium	82-1	307	338	222	289	20.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	407	457	487	450	8.98	cps
Silicon	28-1	691471	692235	703382	695696	0.96	cps
Silver	107-1	100	87	103	97	9.12	cps
Silver	109-1	30	30	37	32	11.95	cps
Sodium	23-2	16082	15651	16412	16048	2.38	cps
Strontium	86-1	240	303	273	272	11.64	cps
Strontium	88-1	113	167	207	162	28.87	cps
Sulfur	34-1	143684	142645	142760	143030	0.40	cps
Terbium	159-1	11560754	11441258	11539086	11513699	0.55	cps
Terbium	159-2	7958106	7938221	7993482	7963269	0.35	cps
Thallium	203-1	453	363	343	387	15.15	cps
Thallium	205-1	1000	947	883	943	6.19	cps
Tin	118-1	1050	1057	1067	1058	0.79	cps
Titanium	47-1	77	50	77	68	22.72	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166539BL Instrumnet Name : P7
Client Sample ID : PBS539 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 19:58:21 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27	20	27	24	15.75	cps
Vanadium	51-2	0	7	20	9	114.55	cps
Yttrium	89-1	15018136	14999551	14959155	14992281	0.20	cps
Yttrium	89-2	4378049	4383151	4393976	4385059	0.19	cps
Zinc	66-2	483	457	477	472	2.94	cps
Zirconium	90-1	540	510	527	526	2.86	cps
Zirconium	91-1	90	97	107	98	8.58	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166539BS Instrumnet Name : P7
Client Sample ID : LCS539 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:01:40 DataFile Name : 043LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1762285	1754175	1746849	1754436	0.44	cps
Antimony	121-1	4709000	4738073	4662913	4703329	0.81	cps
Arsenic	75-2	234118	230346	230557	231673	0.91	cps
Barium	135-1	6095561	6161688	6168100	6141783	0.65	cps
Barium	137-1	10614790	10765377	10436196	10605454	1.55	cps
Beryllium	9-1	464954	458611	455551	459706	1.04	cps
Bismuth	209-1	7053957	7101762	7154874	7103531	0.71	cps
Bismuth	209-2	5629126	5647856	5716911	5664631	0.82	cps
Bromine	81-1	13286	13279	12932	13166	1.54	cps
Bromine	81-2	93	90	90	91	2.11	cps
Cadmium	108-1	84558	83720	83713	83997	0.58	cps
Cadmium	106-1	123277	122000	120609	121962	1.09	cps
Cadmium	111-1	1071933	1071907	1059970	1067937	0.65	cps
Calcium	43-1	1052367	1041335	1023854	1039186	1.38	cps
Calcium	44-1	16502277	16159620	16088041	16249980	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1732439	1757492	1767822	1752584	1.04	cps
Cobalt	59-2	2686129	2689338	2663107	2679525	0.53	cps
Copper	63-2	18341025	18386606	18205536	18311056	0.51	cps
Dysprosium	156-1	103	110	80	98	16.11	cps
Dysprosium	156-2	310	307	377	331	11.93	cps
Erbium	164-1	103	107	103	104	1.85	cps
Erbium	164-2	77	63	77	72	10.66	cps
Gadolinium	160-1	60	87	77	74	18.10	cps
Gadolinium	160-2	477	500	417	464	9.26	cps
Holmium	165-1	11191296	11253785	11174902	11206661	0.37	cps
Holmium	165-2	8026171	8090128	8021539	8045946	0.48	cps
Indium	115-1	8598170	8464736	8367029	8476645	1.37	cps
Indium	115-2	3333452	3343082	3338101	3338212	0.14	cps
Iron	56-2	82214102	82051234	81295187	81853508	0.60	cps
Iron	57-2	2036171	2045724	2053440	2045112	0.42	cps
Iron	54-2	4496020	4437176	4447079	4460091	0.71	cps
Krypton	83-1	133	140	163	146	10.82	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166539BS Instrumnet Name : P7
Client Sample ID : LCS539 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:01:40 DataFile Name : 043LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19677438	19509741	19642636	19609938	0.45	cps
Lead	207-1	17203360	17391139	17520636	17371712	0.92	cps
Lead	208-1	79010628	79221157	79812808	79348198	0.52	cps
Lithium	6-1	893375	886511	889311	889732	0.39	cps
Magnesium	24-2	15348677	15258953	15334792	15314141	0.32	cps
Manganese	55-2	14121803	14288722	14021806	14144110	0.95	cps
Molybdenum	94-1	15571562	15351024	15240723	15387769	1.09	cps
Molybdenum	95-1	22605284	22352436	21977236	22311652	1.42	cps
Molybdenum	96-1	24704162	24402198	24306533	24470964	0.85	cps
Molybdenum	97-1	14018671	13880711	13779170	13892851	0.87	cps
Molybdenum	98-1	36236147	35795652	35269464	35767088	1.35	cps
Neodymium	150-1	470	403	413	429	8.38	cps
Neodymium	150-2	67	73	107	82	26.07	cps
Nickel	60-2	655245	655554	655397	655398	0.02	cps
Phosphorus	31-2	87444	87488	87401	87444	0.05	cps
Potassium	39-2	10099953	10115718	10069356	10095009	0.23	cps
Rhodium	103-1	7596283	7663112	7494171	7584522	1.12	cps
Rhodium	103-2	4735536	4706025	4676339	4705967	0.63	cps
Scandium	45-1	4069806	3965485	3968148	4001146	1.49	cps
Scandium	45-2	399123	399202	397513	398613	0.24	cps
Selenium	82-1	66512	64896	64322	65243	1.74	cps
Selenium	77-2	7709	7719	7682	7703	0.25	cps
Selenium	78-2	25599	25676	25248	25508	0.89	cps
Silicon	28-1	2750298	2702076	2656508	2702961	1.74	cps
Silver	107-1	5777491	5705062	5658520	5713691	1.05	cps
Silver	109-1	5574843	5524651	5416174	5505223	1.47	cps
Sodium	23-2	24591403	24382992	24337874	24437423	0.55	cps
Strontium	86-1	1381423	1360745	1359344	1367171	0.90	cps
Strontium	88-1	12654791	12406169	12179505	12413489	1.92	cps
Sulfur	34-1	407546	398411	391432	399130	2.02	cps
Terbium	159-1	11535180	11635600	11467095	11545958	0.73	cps
Terbium	159-2	8002213	8047747	7962274	8004078	0.53	cps
Thallium	203-1	4869854	4814007	4848073	4843978	0.58	cps
Thallium	205-1	11646391	11613030	11693183	11650868	0.35	cps
Tin	118-1	3888339	3920239	3858448	3889009	0.79	cps
Titanium	47-1	4942294	4819018	4762474	4841262	1.90	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166539BS Instrumnet Name : P7
Client Sample ID : LCS539 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:01:40 DataFile Name : 043LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15685304	16178514	15958389	15940736	1.55	cps
Vanadium	51-2	1551818	1565975	1534425	1550739	1.02	cps
Yttrium	89-1	14650982	14433595	14156346	14413641	1.72	cps
Yttrium	89-2	4139697	4185653	4140969	4155440	0.63	cps
Zinc	66-2	3379932	3389446	3409850	3393076	0.45	cps
Zirconium	90-1	7754868	7626413	7509737	7630339	1.61	cps
Zirconium	91-1	1709001	1690919	1639232	1679718	2.16	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166515BL Instrumnet Name : P7
Client Sample ID : PBW515 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:04:25 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	237	227	247	237	4.23	cps
Antimony	121-1	447	417	390	418	6.79	cps
Arsenic	75-2	0	10	0	3	173.21	cps
Barium	135-1	67	60	37	54	28.93	cps
Barium	137-1	137	87	103	109	23.38	cps
Beryllium	9-1	113	97	120	110	10.92	cps
Bismuth	209-1	7245365	7191503	7247383	7228084	0.44	cps
Bismuth	209-2	5840159	5782739	5794727	5805875	0.52	cps
Bromine	81-1	12399	12782	12649	12610	1.54	cps
Bromine	81-2	90	107	83	93	12.88	cps
Cadmium	108-1	3	3	3	3	0.00	cps
Cadmium	106-1	4014	4027	3777	3939	3.57	cps
Cadmium	111-1	847	840	786	824	4.02	cps
Calcium	43-1	263	277	283	274	3.71	cps
Calcium	44-1	6071	5558	5501	5710	5.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	623	610	603	612	1.66	cps
Cobalt	59-2	103	80	123	102	21.22	cps
Copper	63-2	1323	1337	1340	1333	0.66	cps
Dysprosium	156-1	10	10	0	7	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	47	50	60	52	13.28	cps
Erbium	164-2	37	73	50	53	34.79	cps
Gadolinium	160-1	27	40	23	30	29.40	cps
Gadolinium	160-2	353	357	403	371	7.53	cps
Holmium	165-1	11153552	11132277	11217698	11167842	0.40	cps
Holmium	165-2	7974892	8080806	7948566	8001421	0.87	cps
Indium	115-1	8615537	8565760	8598485	8593261	0.29	cps
Indium	115-2	3421384	3452082	3452481	3441982	0.52	cps
Iron	56-2	13273	13359	13533	13388	0.99	cps
Iron	57-2	957	1073	887	972	9.70	cps
Iron	54-2	1857	1770	2060	1896	7.85	cps
Krypton	83-1	193	133	120	149	26.24	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166515BL Instrumnet Name : P7
Client Sample ID : PBW515 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:04:25 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1070	913	817	933	13.70	cps
Lead	207-1	807	843	720	790	8.02	cps
Lead	208-1	3890	3590	3187	3556	9.93	cps
Lithium	6-1	874262	881965	876904	877711	0.45	cps
Magnesium	24-2	700	727	640	689	6.44	cps
Manganese	55-2	287	307	307	300	3.85	cps
Molybdenum	94-1	467	400	397	421	9.38	cps
Molybdenum	95-1	427	383	397	402	5.52	cps
Molybdenum	96-1	500	500	667	556	17.34	cps
Molybdenum	97-1	253	250	200	234	12.74	cps
Molybdenum	98-1	627	590	567	594	5.09	cps
Neodymium	150-1	3	3	3	3	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1303	1233	1220	1252	3.57	cps
Phosphorus	31-2	133	183	127	148	20.96	cps
Potassium	39-2	45337	44963	46347	45549	1.57	cps
Rhodium	103-1	7740819	7711729	7722677	7725075	0.19	cps
Rhodium	103-2	4859561	4902178	4953322	4905020	0.96	cps
Scandium	45-1	3899353	3919996	3920262	3913204	0.31	cps
Scandium	45-2	399221	399499	399472	399397	0.04	cps
Selenium	82-1	183	327	269	260	27.88	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	357	440	377	391	11.12	cps
Silicon	28-1	617074	610823	614290	614062	0.51	cps
Silver	107-1	343	323	280	316	10.26	cps
Silver	109-1	293	233	270	266	11.39	cps
Sodium	23-2	18047	17670	17547	17755	1.47	cps
Strontium	86-1	267	217	227	237	11.18	cps
Strontium	88-1	197	173	227	199	13.44	cps
Sulfur	34-1	117201	115650	117064	116639	0.74	cps
Terbium	159-1	11512648	11414744	11373567	11433653	0.62	cps
Terbium	159-2	7956998	7944173	7970611	7957261	0.17	cps
Thallium	203-1	337	370	333	347	5.85	cps
Thallium	205-1	1013	910	793	906	12.16	cps
Tin	118-1	1023	1013	953	997	3.80	cps
Titanium	47-1	123	110	77	103	23.26	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166515BL Instrumnet Name : P7
Client Sample ID : PBW515 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:04:25 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100	90	83	91	9.21	cps
Vanadium	51-2	23	13	13	17	34.65	cps
Yttrium	89-1	14074006	14281709	14123433	14159716	0.77	cps
Yttrium	89-2	4249377	4207856	4273341	4243525	0.78	cps
Zinc	66-2	520	497	517	511	2.47	cps
Zirconium	90-1	700	647	650	666	4.49	cps
Zirconium	91-1	160	167	120	149	16.95	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166515BS Instrumnet Name : P7
Client Sample ID : LCS515 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:07:45 DataFile Name : 045LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1780812	1736295	1774766	1763958	1.37	cps
Antimony	121-1	4604276	4701713	4704446	4670145	1.22	cps
Arsenic	75-2	235567	234138	233918	234541	0.38	cps
Barium	135-1	5919731	6135949	6176281	6077320	2.27	cps
Barium	137-1	10330068	10534752	10618254	10494358	1.41	cps
Beryllium	9-1	432023	451630	450356	444669	2.47	cps
Bismuth	209-1	7700898	7360226	7219474	7426866	3.33	cps
Bismuth	209-2	5706380	5735808	5711853	5718014	0.27	cps
Bromine	81-1	12589	12679	12475	12581	0.81	cps
Bromine	81-2	117	77	83	92	23.24	cps
Cadmium	108-1	79654	81812	83535	81667	2.38	cps
Cadmium	106-1	117561	122205	121301	120356	2.05	cps
Cadmium	111-1	1028411	1062582	1067579	1052857	2.02	cps
Calcium	43-1	1000878	1030787	1018349	1016671	1.48	cps
Calcium	44-1	15588772	16047355	16096754	15910960	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1749341	1752054	1762200	1754531	0.39	cps
Cobalt	59-2	2748103	2726545	2685274	2719974	1.17	cps
Copper	63-2	18423562	18336111	18286348	18348674	0.38	cps
Dysprosium	156-1	87	87	113	96	16.11	cps
Dysprosium	156-2	393	270	310	324	19.39	cps
Erbium	164-1	93	117	70	93	25.00	cps
Erbium	164-2	80	127	63	90	36.48	cps
Gadolinium	160-1	97	107	70	91	20.80	cps
Gadolinium	160-2	377	417	417	403	5.73	cps
Holmium	165-1	12152491	11503987	11515977	11724152	3.16	cps
Holmium	165-2	8240878	8193678	8065517	8166691	1.11	cps
Indium	115-1	9056790	8668558	8336459	8687269	4.15	cps
Indium	115-2	3326870	3304730	3294972	3308857	0.49	cps
Iron	56-2	83257452	81514160	81907154	82226255	1.11	cps
Iron	57-2	2062484	2043838	2066524	2057615	0.59	cps
Iron	54-2	4498925	4447642	4498667	4481745	0.66	cps
Krypton	83-1	147	130	137	138	6.09	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166515BS Instrumnet Name : P7
Client Sample ID : LCS515 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:07:45 DataFile Name : 045LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19563446	20040927	19961444	19855273	1.29	cps
Lead	207-1	16954085	17485354	17552894	17330778	1.89	cps
Lead	208-1	78109489	80509739	80355689	79658306	1.69	cps
Lithium	6-1	947621	892684	882977	907761	3.84	cps
Magnesium	24-2	15654535	15362159	15426118	15480937	0.99	cps
Manganese	55-2	14441232	14146999	14232046	14273426	1.06	cps
Molybdenum	94-1	14776860	15309169	15265454	15117161	1.95	cps
Molybdenum	95-1	21603216	22331341	22160461	22031673	1.73	cps
Molybdenum	96-1	23715570	24341884	24055494	24037649	1.30	cps
Molybdenum	97-1	13496819	13859294	13677251	13677788	1.33	cps
Molybdenum	98-1	34935363	35627940	35450980	35338094	1.02	cps
Neodymium	150-1	337	340	390	356	8.40	cps
Neodymium	150-2	60	97	77	78	23.61	cps
Nickel	60-2	661790	661166	660243	661066	0.12	cps
Phosphorus	31-2	87780	87558	87310	87549	0.27	cps
Potassium	39-2	10170354	10131320	10170354	10157343	0.22	cps
Rhodium	103-1	8113106	7627373	7592213	7777564	3.74	cps
Rhodium	103-2	4736255	4686252	4755239	4725915	0.75	cps
Scandium	45-1	4268875	3966621	3940541	4058679	4.50	cps
Scandium	45-2	400794	397071	402073	399979	0.65	cps
Selenium	82-1	62730	64516	63971	63739	1.44	cps
Selenium	77-2	7539	7592	7829	7653	2.02	cps
Selenium	78-2	26287	25716	26197	26066	1.18	cps
Silicon	28-1	2602820	2650882	2637216	2630306	0.94	cps
Silver	107-1	5530780	5645715	5725606	5634033	1.74	cps
Silver	109-1	5306957	5513619	5418946	5413174	1.91	cps
Sodium	23-2	24589730	24625446	24636545	24617240	0.10	cps
Strontium	86-1	1317370	1369519	1357658	1348182	2.03	cps
Strontium	88-1	11986392	12298071	12334859	12206441	1.57	cps
Sulfur	34-1	370678	377084	377382	375048	1.01	cps
Terbium	159-1	12349332	11807991	11677191	11944838	2.98	cps
Terbium	159-2	8158250	8040443	8096229	8098307	0.73	cps
Thallium	203-1	4797369	4980508	4968243	4915373	2.08	cps
Thallium	205-1	11680904	11889489	11814031	11794808	0.90	cps
Tin	118-1	3746788	3894219	3894383	3845130	2.21	cps
Titanium	47-1	4601639	4731489	4773355	4702161	1.90	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166515BS Instrumnet Name : P7
Client Sample ID : LCS515 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:07:45 DataFile Name : 045LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15652368	16369507	16328924	16116933	2.50	cps
Vanadium	51-2	1572460	1543723	1549635	1555272	0.98	cps
Yttrium	89-1	15381296	14454739	14323817	14719950	3.92	cps
Yttrium	89-2	4276830	4186337	4192940	4218702	1.20	cps
Zinc	66-2	3418951	3424215	3411949	3418372	0.18	cps
Zirconium	90-1	7310135	7483043	7575146	7456108	1.80	cps
Zirconium	91-1	1617439	1671178	1664817	1651145	1.78	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166519BL Instrumnet Name : P7
Client Sample ID : PBW519 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:10:26 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	287	253	258	10.45	cps
Antimony	121-1	507	510	457	491	6.08	cps
Arsenic	75-2	20	7	7	11	69.25	cps
Barium	135-1	93	93	113	100	11.55	cps
Barium	137-1	153	133	110	132	16.40	cps
Beryllium	9-1	157	120	127	134	14.53	cps
Bismuth	209-1	7363244	7388489	7366407	7372713	0.19	cps
Bismuth	209-2	5866445	5883989	5903969	5884801	0.32	cps
Bromine	81-1	12565	12599	12625	12597	0.24	cps
Bromine	81-2	70	53	70	64	14.93	cps
Cadmium	108-1	7	20	13	13	49.99	cps
Cadmium	106-1	4141	4164	4001	4102	2.15	cps
Cadmium	111-1	887	872	824	861	3.81	cps
Calcium	43-1	230	280	247	252	10.10	cps
Calcium	44-1	5741	5521	5681	5648	2.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	640	623	743	669	9.72	cps
Cobalt	59-2	147	117	113	126	14.62	cps
Copper	63-2	1553	1363	1523	1480	6.90	cps
Dysprosium	156-1	0	3	0	1	173.21	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	110	73	50	78	38.89	cps
Erbium	164-2	40	17	37	31	40.56	cps
Gadolinium	160-1	33	27	17	26	32.81	cps
Gadolinium	160-2	350	413	343	369	10.47	cps
Holmium	165-1	11345573	11306799	11201476	11284616	0.66	cps
Holmium	165-2	8118855	8021882	8010406	8050381	0.74	cps
Indium	115-1	8646613	8619419	8630472	8632168	0.16	cps
Indium	115-2	3505815	3412295	3398511	3438874	1.70	cps
Iron	56-2	14117	13927	14123	14056	0.80	cps
Iron	57-2	1003	843	977	941	9.11	cps
Iron	54-2	1947	1863	2150	1987	7.42	cps
Krypton	83-1	193	167	167	176	8.77	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166519BL Instrumnet Name : P7
Client Sample ID : PBW519 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:10:26 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1120	910	950	993	11.23	cps
Lead	207-1	997	1047	903	982	7.41	cps
Lead	208-1	4517	4104	3934	4185	7.17	cps
Lithium	6-1	887536	883122	885395	885351	0.25	cps
Magnesium	24-2	747	830	847	808	6.63	cps
Manganese	55-2	347	330	363	347	4.81	cps
Molybdenum	94-1	697	477	537	570	19.95	cps
Molybdenum	95-1	603	447	457	502	17.46	cps
Molybdenum	96-1	757	680	590	676	12.35	cps
Molybdenum	97-1	340	397	297	344	14.56	cps
Molybdenum	98-1	997	727	803	842	16.52	cps
Neodymium	150-1	0	3	7	3	100.05	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1233	1247	1257	1246	0.94	cps
Phosphorus	31-2	163	163	130	152	12.64	cps
Potassium	39-2	44448	44695	44816	44653	0.42	cps
Rhodium	103-1	7734573	7733608	7718730	7728970	0.11	cps
Rhodium	103-2	5003501	4914969	4844701	4921057	1.62	cps
Scandium	45-1	3895009	3880042	3883055	3886035	0.20	cps
Scandium	45-2	398948	399271	398500	398907	0.10	cps
Selenium	82-1	194	259	232	229	14.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	383	433	383	400	7.22	cps
Silicon	28-1	604604	599327	602662	602198	0.44	cps
Silver	107-1	350	447	350	382	14.60	cps
Silver	109-1	387	293	220	300	27.85	cps
Sodium	23-2	18481	18731	18124	18446	1.65	cps
Strontium	86-1	283	253	247	261	7.48	cps
Strontium	88-1	293	277	200	257	19.39	cps
Sulfur	34-1	113386	113517	112940	113281	0.27	cps
Terbium	159-1	11586498	11459415	11641233	11562382	0.81	cps
Terbium	159-2	8109617	8069509	8049700	8076275	0.38	cps
Thallium	203-1	467	420	347	411	14.72	cps
Thallium	205-1	1103	1043	917	1021	9.33	cps
Tin	118-1	1147	1107	1100	1118	2.26	cps
Titanium	47-1	107	113	93	104	9.75	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166519BL Instrumnet Name : P7
Client Sample ID : PBW519 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:10:26 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	247	173	143	188	28.31	cps
Vanadium	51-2	20	33	23	26	27.15	cps
Yttrium	89-1	14250475	14181566	14203655	14211899	0.25	cps
Yttrium	89-2	4304413	4195320	4239580	4246437	1.29	cps
Zinc	66-2	457	537	497	497	8.05	cps
Zirconium	90-1	763	757	743	754	1.35	cps
Zirconium	91-1	193	157	170	173	10.71	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166519BS Instrumnet Name : P7
Client Sample ID : LCS519 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:13:45 DataFile Name : 047DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1767603	1756783	1761352	1761913	0.31	cps
Antimony	121-1	4669471	4716887	4679982	4688780	0.53	cps
Arsenic	75-2	233697	233034	231487	232739	0.49	cps
Barium	135-1	6200068	6138491	6115829	6151463	0.71	cps
Barium	137-1	10692635	10614882	10570902	10626140	0.58	cps
Beryllium	9-1	449991	449470	451516	450326	0.24	cps
Bismuth	209-1	7382641	7316084	7325970	7341565	0.49	cps
Bismuth	209-2	5828130	5722093	5717868	5756030	1.09	cps
Bromine	81-1	12682	12532	13139	12784	2.47	cps
Bromine	81-2	97	50	70	72	32.42	cps
Cadmium	108-1	83351	83089	83814	83418	0.44	cps
Cadmium	106-1	121237	120672	120155	120688	0.45	cps
Cadmium	111-1	1061078	1065359	1065758	1064065	0.24	cps
Calcium	43-1	1018554	1016168	1017881	1017535	0.12	cps
Calcium	44-1	16016354	15860188	15797997	15891513	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1756644	1756094	1750327	1754355	0.20	cps
Cobalt	59-2	2715421	2702997	2707423	2708614	0.23	cps
Copper	63-2	18314819	18147113	18229721	18230551	0.46	cps
Dysprosium	156-1	107	117	127	117	8.57	cps
Dysprosium	156-2	293	337	330	320	7.29	cps
Erbium	164-1	93	107	93	98	7.88	cps
Erbium	164-2	63	80	67	70	12.60	cps
Gadolinium	160-1	97	90	87	91	5.59	cps
Gadolinium	160-2	410	410	463	428	7.20	cps
Holmium	165-1	11409568	11513652	11559059	11494093	0.67	cps
Holmium	165-2	8317873	8202866	8080634	8200458	1.45	cps
Indium	115-1	8479596	8505818	8416521	8467312	0.54	cps
Indium	115-2	3362104	3353934	3315652	3343896	0.74	cps
Iron	56-2	81861645	82534860	82180434	82192313	0.41	cps
Iron	57-2	2057792	2044360	2064677	2055610	0.50	cps
Iron	54-2	4437860	4420700	4444311	4434290	0.28	cps
Krypton	83-1	147	180	137	154	14.69	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166519BS Instrumnet Name : P7
Client Sample ID : LCS519 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:13:45 DataFile Name : 047DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20042222	20414653	20368906	20275260	1.00	cps
Lead	207-1	17678087	17876361	17871240	17808563	0.63	cps
Lead	208-1	81473380	81921363	81762400	81719048	0.28	cps
Lithium	6-1	895664	899704	892939	896102	0.38	cps
Magnesium	24-2	15356485	15408628	15252511	15339208	0.52	cps
Manganese	55-2	14247352	14214804	14319645	14260600	0.38	cps
Molybdenum	94-1	15192224	15185140	15275754	15217706	0.33	cps
Molybdenum	95-1	22212531	22035486	22098521	22115513	0.41	cps
Molybdenum	96-1	24145154	24128626	24127576	24133785	0.04	cps
Molybdenum	97-1	13765827	13799554	13838155	13801179	0.26	cps
Molybdenum	98-1	35581107	35697998	35459148	35579418	0.34	cps
Neodymium	150-1	430	293	383	369	18.83	cps
Neodymium	150-2	87	123	107	106	17.39	cps
Nickel	60-2	654418	653293	659413	655708	0.50	cps
Phosphorus	31-2	88501	86281	87397	87393	1.27	cps
Potassium	39-2	10113653	10159934	10102302	10125296	0.30	cps
Rhodium	103-1	7609336	7595669	7452624	7552543	1.15	cps
Rhodium	103-2	4818717	4723465	4707288	4749823	1.27	cps
Scandium	45-1	3921075	3912891	3883630	3905865	0.50	cps
Scandium	45-2	400502	396010	394359	396957	0.80	cps
Selenium	82-1	64812	64331	64610	64584	0.37	cps
Selenium	77-2	7665	7505	7519	7563	1.17	cps
Selenium	78-2	25368	25689	25459	25505	0.65	cps
Silicon	28-1	2607753	2618871	2574769	2600464	0.88	cps
Silver	107-1	5727835	5703164	5720999	5717333	0.22	cps
Silver	109-1	5468380	5423381	5457551	5449770	0.43	cps
Sodium	23-2	24468800	24513135	24175455	24385797	0.75	cps
Strontium	86-1	1359933	1361449	1358604	1359996	0.10	cps
Strontium	88-1	12296360	12230334	12230065	12252253	0.31	cps
Sulfur	34-1	377638	374076	370259	373991	0.99	cps
Terbium	159-1	11705994	11638754	11650584	11665111	0.31	cps
Terbium	159-2	8125371	8123869	8179937	8143059	0.39	cps
Thallium	203-1	4984797	4982590	5098824	5022070	1.32	cps
Thallium	205-1	11871426	12076974	12147278	12031893	1.19	cps
Tin	118-1	3860858	3879319	3899003	3879727	0.49	cps
Titanium	47-1	4735668	4648847	4641876	4675464	1.12	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : PB166519BS Instrumnet Name : P7
Client Sample ID : LCS519 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:13:45 DataFile Name : 047DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16665516	16238361	16379684	16427854	1.32	cps
Vanadium	51-2	1554928	1549345	1531564	1545279	0.79	cps
Yttrium	89-1	14308836	14260826	14134258	14234640	0.63	cps
Yttrium	89-2	4278802	4181381	4171698	4210627	1.41	cps
Zinc	66-2	3400749	3412878	3433798	3415808	0.49	cps
Zirconium	90-1	7485197	7469061	7547954	7500737	0.56	cps
Zirconium	91-1	1664919	1654018	1683097	1667344	0.88	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV017 Instrumnet Name : P7
Client Sample ID : CCV017 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:16:26 DataFile Name : 048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8855908	8849943	8870752	8858868	0.12	cps
Antimony	121-1	4528552	4533543	4538826	4533641	0.11	cps
Arsenic	75-2	223423	223615	224007	223682	0.13	cps
Barium	135-1	5947148	6053423	6090089	6030220	1.23	cps
Barium	137-1	10370032	10404247	10503724	10426001	0.67	cps
Beryllium	9-1	447349	448783	450835	448989	0.39	cps
Bismuth	209-1	6972207	6891873	6959262	6941114	0.62	cps
Bismuth	209-2	5380297	5481985	5468062	5443448	1.01	cps
Bromine	81-1	12852	12746	12946	12848	0.78	cps
Bromine	81-2	93	110	120	108	12.50	cps
Cadmium	108-1	79318	79600	78762	79227	0.54	cps
Cadmium	106-1	113653	116892	115397	115314	1.41	cps
Cadmium	111-1	986901	1003377	1005178	998485	1.01	cps
Calcium	43-1	4705890	4742091	4739552	4729178	0.43	cps
Calcium	44-1	76263131	76771006	76967894	76667343	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1734213	1734511	1724593	1731106	0.33	cps
Cobalt	59-2	2628780	2590322	2612884	2610662	0.74	cps
Copper	63-2	17201269	17218937	17277412	17232539	0.23	cps
Dysprosium	156-1	267	267	263	266	0.72	cps
Dysprosium	156-2	447	417	450	438	4.19	cps
Erbium	164-1	240	237	250	242	2.87	cps
Erbium	164-2	227	190	190	202	10.47	cps
Gadolinium	160-1	183	190	270	214	22.49	cps
Gadolinium	160-2	527	623	430	527	18.35	cps
Holmium	165-1	11414467	11424570	11429889	11422975	0.07	cps
Holmium	165-2	8104348	8197566	8076268	8126061	0.78	cps
Indium	115-1	8177293	8227814	8094709	8166605	0.82	cps
Indium	115-2	3228180	3239398	3260533	3242704	0.51	cps
Iron	56-2	395559861	395402607	395970821	395644430	0.07	cps
Iron	57-2	9833418	9802075	9874897	9836797	0.37	cps
Iron	54-2	21487008	21309214	21310096	21368772	0.48	cps
Krypton	83-1	207	180	173	187	9.45	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV017 Instrumnet Name : P7
Client Sample ID : CCV017 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:16:26 DataFile Name : 048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19567018	19510242	19768180	19615147	0.69	cps
Lead	207-1	17181175	17148938	17348533	17226215	0.62	cps
Lead	208-1	78647912	78559320	79451509	78886247	0.62	cps
Lithium	6-1	882884	878614	884143	881880	0.33	cps
Magnesium	24-2	75689099	76246449	76858269	76264606	0.77	cps
Manganese	55-2	13994396	13964711	14074583	14011230	0.41	cps
Molybdenum	94-1	15081156	15243351	15205104	15176537	0.56	cps
Molybdenum	95-1	21748481	21914086	21938162	21866909	0.47	cps
Molybdenum	96-1	23951788	24141362	23882283	23991811	0.56	cps
Molybdenum	97-1	13701903	13759066	13465094	13642021	1.14	cps
Molybdenum	98-1	35059342	35411209	35093571	35188041	0.55	cps
Neodymium	150-1	403	413	407	408	1.25	cps
Neodymium	150-2	180	133	143	152	16.14	cps
Nickel	60-2	621100	623154	621512	621922	0.17	cps
Phosphorus	31-2	87532	87511	87042	87362	0.32	cps
Potassium	39-2	49464913	49050666	49707574	49407718	0.67	cps
Rhodium	103-1	7029509	7069477	7032246	7043744	0.32	cps
Rhodium	103-2	4470168	4445219	4490730	4468706	0.51	cps
Scandium	45-1	3825836	3830180	3851201	3835739	0.35	cps
Scandium	45-2	399007	397831	400595	399144	0.35	cps
Selenium	82-1	60245	60556	60317	60373	0.27	cps
Selenium	77-2	7168	7165	7362	7232	1.56	cps
Selenium	78-2	24430	24474	24293	24399	0.39	cps
Silicon	28-1	2588514	2591234	2585875	2588541	0.10	cps
Silver	107-1	5254110	5299841	5360440	5304797	1.01	cps
Silver	109-1	5137865	5147382	5132376	5139208	0.15	cps
Sodium	23-2	119408912	120298735	120372148	120026598	0.45	cps
Strontium	86-1	1334570	1350140	1346309	1343673	0.60	cps
Strontium	88-1	12175865	12142617	12074863	12131115	0.42	cps
Sulfur	34-1	370782	372495	374445	372574	0.49	cps
Terbium	159-1	11612936	11565786	11609011	11595911	0.23	cps
Terbium	159-2	8059614	7996336	7967475	8007808	0.59	cps
Thallium	203-1	4921099	4885138	4973678	4926638	0.90	cps
Thallium	205-1	11530656	11712965	11895147	11712923	1.56	cps
Tin	118-1	3800636	3790539	3781153	3790776	0.26	cps
Titanium	47-1	4651014	4595901	4663000	4636638	0.77	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV017 Instrumnet Name : P7
Client Sample ID : CCV017 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:16:26 DataFile Name : 048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16598309	16707271	16638234	16647938	0.33	cps
Vanadium	51-2	1533994	1543573	1548903	1542157	0.49	cps
Yttrium	89-1	14030381	13984915	14018041	14011112	0.17	cps
Yttrium	89-2	4172171	4129345	4121309	4140942	0.66	cps
Zinc	66-2	3205776	3156521	3188280	3183526	0.78	cps
Zirconium	90-1	7479009	7488957	7522835	7496934	0.31	cps
Zirconium	91-1	1648446	1669961	1666845	1661751	0.70	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB017 Instrumnet Name : P7
Client Sample ID : CCB017 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:19:12 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	327	277	310	304	8.36	cps
Antimony	121-1	757	737	637	710	9.05	cps
Arsenic	75-2	20	23	10	18	39.03	cps
Barium	135-1	267	197	223	229	15.43	cps
Barium	137-1	400	393	410	401	2.09	cps
Beryllium	9-1	193	193	170	186	7.26	cps
Bismuth	209-1	7532029	7464577	6986089	7327565	4.06	cps
Bismuth	209-2	5950234	5969277	6038685	5986065	0.78	cps
Bromine	81-1	13123	13356	13420	13299	1.18	cps
Bromine	81-2	93	163	130	129	27.17	cps
Cadmium	108-1	10	13	10	11	17.30	cps
Cadmium	106-1	4097	4091	3761	3983	4.83	cps
Cadmium	111-1	922	869	835	875	5.03	cps
Calcium	43-1	420	413	413	416	0.93	cps
Calcium	44-1	8199	7749	7669	7872	3.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	657	647	710	671	5.07	cps
Cobalt	59-2	157	163	187	169	9.33	cps
Copper	63-2	1840	2060	2003	1968	5.81	cps
Dysprosium	156-1	0	0	3	1	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	57	70	73	67	13.22	cps
Erbium	164-2	37	37	33	36	5.42	cps
Gadolinium	160-1	47	33	27	36	28.64	cps
Gadolinium	160-2	353	397	410	387	7.66	cps
Holmium	165-1	11612512	11558545	10667941	11279666	4.70	cps
Holmium	165-2	8198787	8200674	8144648	8181369	0.39	cps
Indium	115-1	8691113	8700183	8223664	8538320	3.19	cps
Indium	115-2	3526425	3497203	3473677	3499101	0.76	cps
Iron	56-2	21993	21949	21746	21896	0.60	cps
Iron	57-2	1113	1110	1180	1135	3.48	cps
Iron	54-2	2274	2470	2520	2421	5.39	cps
Krypton	83-1	177	113	207	166	28.78	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB017 Instrumnet Name : P7
Client Sample ID : CCB017 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:19:12 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1913	1730	1637	1760	8.00	cps
Lead	207-1	1640	1410	1500	1517	7.64	cps
Lead	208-1	7711	6834	6531	7025	8.72	cps
Lithium	6-1	908092	905910	853028	889010	3.51	cps
Magnesium	24-2	2084	2250	2090	2141	4.41	cps
Manganese	55-2	617	563	533	571	7.39	cps
Molybdenum	94-1	987	870	883	913	6.99	cps
Molybdenum	95-1	980	927	880	929	5.39	cps
Molybdenum	96-1	1233	923	1113	1090	14.34	cps
Molybdenum	97-1	677	513	503	564	17.24	cps
Molybdenum	98-1	1720	1457	1523	1567	8.74	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1277	1223	1280	1260	2.52	cps
Phosphorus	31-2	147	153	173	158	8.80	cps
Potassium	39-2	48654	48009	47628	48097	1.08	cps
Rhodium	103-1	7782400	7734748	7395884	7637678	2.76	cps
Rhodium	103-2	4937970	4916512	4950216	4934900	0.35	cps
Scandium	45-1	3901708	3970110	3689298	3853705	3.80	cps
Scandium	45-2	404598	399928	403198	402575	0.60	cps
Selenium	82-1	249	298	270	272	8.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	343	340	423	369	12.79	cps
Silicon	28-1	585267	585835	587837	586313	0.23	cps
Silver	107-1	413	450	370	411	9.74	cps
Silver	109-1	477	377	317	390	20.73	cps
Sodium	23-2	33239	32134	32053	32475	2.04	cps
Strontium	86-1	293	323	287	301	6.49	cps
Strontium	88-1	583	533	523	547	5.88	cps
Sulfur	34-1	119640	118357	118592	118863	0.57	cps
Terbium	159-1	11578311	11795430	10898490	11424077	4.10	cps
Terbium	159-2	8194959	8110105	8083686	8129583	0.72	cps
Thallium	203-1	650	667	680	666	2.26	cps
Thallium	205-1	1633	1517	1403	1518	7.58	cps
Tin	118-1	1310	1153	1220	1228	6.40	cps
Titanium	47-1	247	167	217	210	19.24	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB017 Instrumnet Name : P7
Client Sample ID : CCB017 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:19:12 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	537	377	340	418	25.03	cps
Vanadium	51-2	63	37	57	52	26.57	cps
Yttrium	89-1	14437312	14178273	13492187	14035924	3.48	cps
Yttrium	89-2	4328295	4256175	4298691	4294387	0.84	cps
Zinc	66-2	640	637	603	627	3.24	cps
Zirconium	90-1	1123	933	957	1004	10.32	cps
Zirconium	91-1	267	190	217	224	17.34	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : Q1087-22 Instrumnet Name : P7
Client Sample ID : MC0AD6 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:22:28 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226016	227033	227018	226689	0.26	cps
Antimony	121-1	5332424	5408002	5453178	5397868	1.13	cps
Arsenic	75-2	297780	293772	292814	294788	0.89	cps
Barium	135-1	2954209	2958613	2917194	2943338	0.77	cps
Barium	137-1	5006791	5002719	5068017	5025842	0.73	cps
Beryllium	9-1	131722	134939	133783	133481	1.22	cps
Bismuth	209-1	7920194	7633633	7573820	7709216	2.40	cps
Bismuth	209-2	5947445	5946966	5954688	5949700	0.07	cps
Bromine	81-1	13720	13269	13326	13438	1.83	cps
Bromine	81-2	83	97	77	86	11.90	cps
Cadmium	108-1	99585	101146	100998	100576	0.86	cps
Cadmium	106-1	140233	141205	142605	141347	0.84	cps
Cadmium	111-1	1423941	1459129	1455173	1446081	1.33	cps
Calcium	43-1	1150	1230	1067	1149	7.11	cps
Calcium	44-1	15395	15184	15308	15296	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1066946	1062854	1061498	1063766	0.27	cps
Cobalt	59-2	1313703	1308352	1299163	1307072	0.56	cps
Copper	63-2	3225722	3270189	3214571	3236827	0.91	cps
Dysprosium	156-1	40	63	33	46	34.58	cps
Dysprosium	156-2	133	127	123	128	3.98	cps
Erbium	164-1	67	53	47	56	18.33	cps
Erbium	164-2	40	40	50	43	13.32	cps
Gadolinium	160-1	50	53	23	42	38.95	cps
Gadolinium	160-2	317	367	433	372	15.73	cps
Holmium	165-1	11795002	11682054	11474362	11650473	1.40	cps
Holmium	165-2	8173623	8130713	8322524	8208953	1.23	cps
Indium	115-1	9065305	8820453	8861605	8915788	1.47	cps
Indium	115-2	3511268	3491588	3498338	3500398	0.29	cps
Iron	56-2	6496862	6471945	6454019	6474275	0.33	cps
Iron	57-2	165843	165493	164118	165151	0.55	cps
Iron	54-2	398223	396577	393657	396152	0.58	cps
Krypton	83-1	167	147	120	144	16.21	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : Q1087-22 Instrumnet Name : P7
Client Sample ID : MC0AD6 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:22:28 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5977575	6084652	6147424	6069884	1.41	cps
Lead	207-1	5027633	5081384	5090849	5066622	0.67	cps
Lead	208-1	23455429	23869117	23731002	23685182	0.89	cps
Lithium	6-1	932120	912068	920660	921616	1.09	cps
Magnesium	24-2	867	820	937	874	6.72	cps
Manganese	55-2	2166501	2158747	2147589	2157612	0.44	cps
Molybdenum	94-1	1127718	1160909	1151100	1146576	1.49	cps
Molybdenum	95-1	2050689	2087938	2088914	2075847	1.05	cps
Molybdenum	96-1	2204460	2247115	2222940	2224838	0.96	cps
Molybdenum	97-1	1245869	1273419	1269570	1262953	1.18	cps
Molybdenum	98-1	3354426	3317860	3280539	3317608	1.11	cps
Neodymium	150-1	180	217	163	187	14.62	cps
Neodymium	150-2	67	37	53	52	28.78	cps
Nickel	60-2	727785	719659	719015	722153	0.68	cps
Phosphorus	31-2	147	133	150	143	6.15	cps
Potassium	39-2	45999	45200	45297	45499	0.96	cps
Rhodium	103-1	8115422	8027960	7911760	8018381	1.27	cps
Rhodium	103-2	5018501	4940321	4990956	4983259	0.80	cps
Scandium	45-1	4092859	4032458	3994242	4039853	1.23	cps
Scandium	45-2	407715	407291	405258	406755	0.32	cps
Selenium	82-1	32994	32969	33394	33119	0.72	cps
Selenium	77-2	3834	3907	3741	3827	2.18	cps
Selenium	78-2	13536	13880	13500	13639	1.54	cps
Silicon	28-1	590404	588560	586859	588608	0.30	cps
Silver	107-1	8209240	8250623	8268274	8242712	0.37	cps
Silver	109-1	7880445	7989403	7984155	7951334	0.77	cps
Sodium	23-2	25515	24900	25104	25173	1.24	cps
Strontium	86-1	160871	162417	164530	162606	1.13	cps
Strontium	88-1	1395986	1420008	1419373	1411789	0.97	cps
Sulfur	34-1	118935	116604	113696	116412	2.25	cps
Terbium	159-1	12087318	11643843	11776859	11836007	1.92	cps
Terbium	159-2	8066524	8142383	8154813	8121240	0.59	cps
Thallium	203-1	7345376	7425107	7364824	7378436	0.56	cps
Thallium	205-1	17619508	17860596	17903596	17794567	0.86	cps
Tin	118-1	1290	1263	1207	1253	3.40	cps
Titanium	47-1	133	127	140	133	5.00	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : Q1087-22 Instrumnet Name : P7
Client Sample ID : MC0AD6 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:22:28 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	143	100	90	111	25.52	cps
Vanadium	51-2	5150207	5154178	5116083	5140156	0.41	cps
Yttrium	89-1	14919166	14651765	14528326	14699752	1.36	cps
Yttrium	89-2	4332387	4294729	4269265	4298794	0.74	cps
Zinc	66-2	683653	682090	678428	681390	0.39	cps
Zirconium	90-1	2900	2570	1893	2455	20.91	cps
Zirconium	91-1	1117	1023	973	1038	7.01	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : Q1087-22DLX2 Instrumnet Name : P7
Client Sample ID : MC0AD6 Dilution Factor : 2
Date & Time Acquired : 2025-02-04 20:31:53 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115893	114442	114895	115077	0.64	cps
Antimony	121-1	2691122	2720122	2728921	2713388	0.73	cps
Arsenic	75-2	149200	150413	149810	149808	0.40	cps
Barium	135-1	1387554	1392239	1392474	1390756	0.20	cps
Barium	137-1	2539370	2533806	2499407	2524194	0.86	cps
Beryllium	9-1	66518	66960	67569	67016	0.79	cps
Bismuth	209-1	7434005	7466014	7460290	7453436	0.23	cps
Bismuth	209-2	5983367	5954833	5879515	5939238	0.90	cps
Bromine	81-1	13476	13763	13900	13713	1.58	cps
Bromine	81-2	117	120	107	114	6.06	cps
Cadmium	108-1	51350	50835	51377	51188	0.60	cps
Cadmium	106-1	73515	73696	72382	73197	0.97	cps
Cadmium	111-1	733432	732895	738730	735019	0.44	cps
Calcium	43-1	753	697	793	748	6.50	cps
Calcium	44-1	11598	11718	11431	11582	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	540344	541271	541469	541028	0.11	cps
Cobalt	59-2	668859	663985	661869	664904	0.54	cps
Copper	63-2	1629096	1640712	1653802	1641204	0.75	cps
Dysprosium	156-1	13	23	23	20	28.87	cps
Dysprosium	156-2	70	60	67	66	7.77	cps
Erbium	164-1	63	57	80	67	18.03	cps
Erbium	164-2	57	23	30	37	48.11	cps
Gadolinium	160-1	47	53	63	54	15.40	cps
Gadolinium	160-2	310	370	393	358	12.02	cps
Holmium	165-1	11400761	11531704	11470874	11467780	0.57	cps
Holmium	165-2	8288916	8125032	8199606	8204518	1.00	cps
Indium	115-1	8877652	8857008	8916121	8883594	0.34	cps
Indium	115-2	3535946	3528487	3515936	3526790	0.29	cps
Iron	56-2	3343011	3325147	3316698	3328286	0.40	cps
Iron	57-2	84687	84804	84609	84700	0.12	cps
Iron	54-2	204829	202611	203090	203510	0.57	cps
Krypton	83-1	190	163	160	171	9.61	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : Q1087-22DLX2 Instrumnet Name : P7
Client Sample ID : MC0AD6 Dilution Factor : 2
Date & Time Acquired : 2025-02-04 20:31:53 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3050149	3006658	2982970	3013259	1.13	cps
Lead	207-1	2579782	2509598	2490521	2526634	1.86	cps
Lead	208-1	11931453	11730504	11637271	11766409	1.28	cps
Lithium	6-1	893257	895532	902400	897063	0.53	cps
Magnesium	24-2	1090	1057	1127	1091	3.21	cps
Manganese	55-2	1077379	1078695	1076333	1077469	0.11	cps
Molybdenum	94-1	581813	580285	578951	580350	0.25	cps
Molybdenum	95-1	1023211	1032457	1022043	1025904	0.56	cps
Molybdenum	96-1	1092928	1094997	1094757	1094227	0.10	cps
Molybdenum	97-1	640880	644201	641057	642046	0.29	cps
Molybdenum	98-1	1697225	1678015	1680557	1685266	0.62	cps
Neodymium	150-1	127	67	110	101	30.63	cps
Neodymium	150-2	20	20	20	20	0.00	cps
Nickel	60-2	368021	367018	368191	367743	0.17	cps
Phosphorus	31-2	130	120	160	137	15.23	cps
Potassium	39-2	46317	45759	46247	46107	0.66	cps
Rhodium	103-1	7958868	7905619	7936691	7933726	0.34	cps
Rhodium	103-2	5106455	4981394	5022660	5036836	1.27	cps
Scandium	45-1	4028044	4010639	3995602	4011428	0.40	cps
Scandium	45-2	411867	412649	410451	411656	0.27	cps
Selenium	82-1	16785	16791	16778	16785	0.04	cps
Selenium	77-2	2053	1987	1980	2007	2.02	cps
Selenium	78-2	6908	6705	6895	6836	1.66	cps
Silicon	28-1	606172	603178	596366	601905	0.83	cps
Silver	107-1	4183875	4205175	4177740	4188930	0.34	cps
Silver	109-1	4054198	4059446	4007536	4040393	0.71	cps
Sodium	23-2	20237	20617	20217	20357	1.11	cps
Strontium	86-1	83059	82486	82626	82724	0.36	cps
Strontium	88-1	721305	719373	719122	719934	0.17	cps
Sulfur	34-1	111973	112366	111073	111804	0.59	cps
Terbium	159-1	11688363	11819689	11795861	11767971	0.59	cps
Terbium	159-2	8146082	8126310	8175581	8149324	0.30	cps
Thallium	203-1	3689690	3675280	3677113	3680694	0.21	cps
Thallium	205-1	8935086	8746072	8809314	8830157	1.09	cps
Tin	118-1	1327	1217	1273	1272	4.32	cps
Titanium	47-1	127	83	140	117	25.40	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : Q1087-22DLX2 Instrumnet Name : P7
Client Sample ID : MC0AD6 Dilution Factor : 2
Date & Time Acquired : 2025-02-04 20:31:53 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67	77	93	79	17.07	cps
Vanadium	51-2	2614430	2569800	2630356	2604862	1.21	cps
Yttrium	89-1	14634484	14574982	14589100	14599522	0.21	cps
Yttrium	89-2	4392460	4295691	4328768	4338973	1.13	cps
Zinc	66-2	347049	346289	344846	346061	0.32	cps
Zirconium	90-1	767	703	780	750	5.46	cps
Zirconium	91-1	433	470	370	424	11.92	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV018 Instrumnet Name : P7
Client Sample ID : CCV018 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:38:01 DataFile Name : 055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8797623	8825403	8820256	8814427	0.17	cps
Antimony	121-1	4527532	4522195	4533125	4527617	0.12	cps
Arsenic	75-2	223047	225439	225494	224660	0.62	cps
Barium	135-1	6035606	6019761	6097643	6051003	0.68	cps
Barium	137-1	10391645	10431000	10551703	10458116	0.80	cps
Beryllium	9-1	439585	445285	446797	443889	0.86	cps
Bismuth	209-1	6847294	6845753	6896285	6863111	0.42	cps
Bismuth	209-2	5442047	5440132	5423670	5435283	0.19	cps
Bromine	81-1	13173	12939	12876	12996	1.20	cps
Bromine	81-2	87	100	97	94	7.35	cps
Cadmium	108-1	77029	78987	78789	78268	1.38	cps
Cadmium	106-1	115253	114385	116849	115496	1.08	cps
Cadmium	111-1	997773	1001352	999310	999479	0.18	cps
Calcium	43-1	4730231	4754532	4737998	4740921	0.26	cps
Calcium	44-1	77133029	77095956	76787801	77005595	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1765259	1740625	1751756	1752547	0.70	cps
Cobalt	59-2	2636185	2623498	2610514	2623399	0.49	cps
Copper	63-2	17361273	17285357	17381676	17342769	0.29	cps
Dysprosium	156-1	207	230	217	218	5.37	cps
Dysprosium	156-2	443	430	403	426	4.79	cps
Erbium	164-1	220	247	280	249	12.08	cps
Erbium	164-2	170	200	170	180	9.62	cps
Gadolinium	160-1	187	207	163	186	11.69	cps
Gadolinium	160-2	477	513	537	509	5.94	cps
Holmium	165-1	11143124	11452459	11498363	11364649	1.70	cps
Holmium	165-2	8015763	8062353	8062353	8046823	0.33	cps
Indium	115-1	8195651	8175856	8155046	8175518	0.25	cps
Indium	115-2	3266181	3241147	3239681	3249003	0.46	cps
Iron	56-2	396662447	396674261	397951821	397096176	0.19	cps
Iron	57-2	9900857	9892991	9889863	9894570	0.06	cps
Iron	54-2	21525984	21203910	21293226	21341040	0.78	cps
Krypton	83-1	150	197	153	167	15.62	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV018 Instrumnet Name : P7
Client Sample ID : CCV018 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:38:01 DataFile Name : 055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19252242	19387206	19484674	19374708	0.60	cps
Lead	207-1	16999566	16794807	17074074	16956149	0.85	cps
Lead	208-1	77506436	77393836	78576491	77825588	0.84	cps
Lithium	6-1	866066	874343	876796	872402	0.64	cps
Magnesium	24-2	76421119	76307387	76156987	76295164	0.17	cps
Manganese	55-2	13968936	13982974	14139756	14030555	0.68	cps
Molybdenum	94-1	14994671	15228006	15144150	15122276	0.78	cps
Molybdenum	95-1	21924739	22024849	21948947	21966178	0.24	cps
Molybdenum	96-1	23929139	23874454	24072825	23958806	0.43	cps
Molybdenum	97-1	13605630	13682504	13784504	13690879	0.66	cps
Molybdenum	98-1	35274034	35162957	35241629	35226207	0.16	cps
Neodymium	150-1	357	437	450	414	12.18	cps
Neodymium	150-2	150	130	147	142	7.53	cps
Nickel	60-2	629652	627879	631095	629542	0.26	cps
Phosphorus	31-2	88363	89312	87951	88542	0.79	cps
Potassium	39-2	49686088	49458029	49168384	49437500	0.52	cps
Rhodium	103-1	7038896	7113988	7221908	7124931	1.29	cps
Rhodium	103-2	4442201	4515065	4485169	4480812	0.82	cps
Scandium	45-1	3856877	3894140	3862230	3871083	0.52	cps
Scandium	45-2	403592	403281	401582	402818	0.27	cps
Selenium	82-1	60606	60720	60694	60673	0.10	cps
Selenium	77-2	7125	7148	7138	7137	0.16	cps
Selenium	78-2	23916	24397	24230	24181	1.01	cps
Silicon	28-1	2583488	2610659	2607473	2600540	0.57	cps
Silver	107-1	5301333	5324843	5318616	5314931	0.23	cps
Silver	109-1	5118165	5077565	5060877	5085536	0.58	cps
Sodium	23-2	118778105	119116618	119376238	119090320	0.25	cps
Strontium	86-1	1338826	1337511	1345783	1340707	0.33	cps
Strontium	88-1	12153336	12122571	12142231	12139380	0.13	cps
Sulfur	34-1	374435	374763	377037	375411	0.38	cps
Terbium	159-1	11569917	11669211	11517680	11585603	0.66	cps
Terbium	159-2	8011301	8029627	7961335	8000754	0.44	cps
Thallium	203-1	4813445	4854383	4938570	4868799	1.31	cps
Thallium	205-1	11483130	11737901	11692449	11637827	1.17	cps
Tin	118-1	3768736	3789790	3803156	3787227	0.46	cps
Titanium	47-1	4645673	4668271	4645234	4653059	0.28	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCV018 Instrumnet Name : P7
Client Sample ID : CCV018 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:38:01 DataFile Name : 055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16326395	16371481	16292822	16330233	0.24	cps
Vanadium	51-2	1555791	1561619	1559472	1558961	0.19	cps
Yttrium	89-1	14047172	14113864	13962206	14041081	0.54	cps
Yttrium	89-2	4184560	4158542	4207628	4183577	0.59	cps
Zinc	66-2	3176718	3208081	3164573	3183124	0.71	cps
Zirconium	90-1	7542651	7507873	7479395	7509973	0.42	cps
Zirconium	91-1	1644845	1652423	1658860	1652043	0.42	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB018 Instrumnet Name : P7
Client Sample ID : CCB018 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:40:44 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427	263	237	309	33.31	cps
Antimony	121-1	593	480	500	524	11.53	cps
Arsenic	75-2	17	0	10	9	94.38	cps
Barium	135-1	63	117	73	84	33.58	cps
Barium	137-1	127	110	140	126	11.97	cps
Beryllium	9-1	200	170	180	183	8.33	cps
Bismuth	209-1	7441705	7512799	7375003	7443169	0.93	cps
Bismuth	209-2	5975749	5915998	5959766	5950505	0.52	cps
Bromine	81-1	13413	13997	13500	13636	2.31	cps
Bromine	81-2	103	113	123	113	8.83	cps
Cadmium	108-1	17	0	10	9	94.38	cps
Cadmium	106-1	4481	4374	4337	4397	1.69	cps
Cadmium	111-1	984	975	920	960	3.59	cps
Calcium	43-1	263	263	250	259	2.97	cps
Calcium	44-1	6188	6081	5898	6056	2.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	607	597	603	602	0.85	cps
Cobalt	59-2	130	157	183	157	17.02	cps
Copper	63-2	1610	1643	1483	1579	5.35	cps
Dysprosium	156-1	3	10	7	7	50.03	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	70	53	63	62	13.48	cps
Erbium	164-2	53	20	37	37	45.45	cps
Gadolinium	160-1	43	43	60	49	19.69	cps
Gadolinium	160-2	347	410	450	402	12.95	cps
Holmium	165-1	11421654	11290958	11471370	11394660	0.82	cps
Holmium	165-2	8168801	8216553	8132371	8172575	0.52	cps
Indium	115-1	8835686	8727688	8844752	8802709	0.74	cps
Indium	115-2	3512326	3520463	3465502	3499430	0.85	cps
Iron	56-2	17033	16055	15425	16171	5.01	cps
Iron	57-2	1033	980	1017	1010	2.70	cps
Iron	54-2	2060	1887	1897	1948	5.00	cps
Krypton	83-1	143	153	133	143	6.98	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB018 Instrumnet Name : P7
Client Sample ID : CCB018 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:40:44 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1303	1317	1297	1306	0.78	cps
Lead	207-1	1270	1107	1017	1131	11.35	cps
Lead	208-1	5591	5224	4877	5230	6.82	cps
Lithium	6-1	904089	899730	903419	902413	0.26	cps
Magnesium	24-2	1030	993	800	941	13.13	cps
Manganese	55-2	280	350	253	294	16.96	cps
Molybdenum	94-1	677	583	540	600	11.64	cps
Molybdenum	95-1	563	463	470	499	11.21	cps
Molybdenum	96-1	597	570	597	588	2.62	cps
Molybdenum	97-1	323	300	313	312	3.75	cps
Molybdenum	98-1	823	680	737	747	9.67	cps
Neodymium	150-1	3	0	10	4	114.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1327	1407	1283	1339	4.67	cps
Phosphorus	31-2	133	173	103	137	25.70	cps
Potassium	39-2	48259	47771	47999	48010	0.51	cps
Rhodium	103-1	7769084	7878091	7871827	7839667	0.78	cps
Rhodium	103-2	5007957	5044275	4945128	4999120	1.00	cps
Scandium	45-1	3977776	3957708	3941900	3959128	0.45	cps
Scandium	45-2	408618	406227	405511	406785	0.40	cps
Selenium	82-1	260	258	258	259	0.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	347	357	363	356	2.36	cps
Silicon	28-1	587627	591169	579023	585940	1.07	cps
Silver	107-1	360	333	283	326	11.96	cps
Silver	109-1	413	323	310	349	16.11	cps
Sodium	23-2	30487	29234	28967	29563	2.74	cps
Strontium	86-1	267	240	233	247	7.15	cps
Strontium	88-1	263	223	233	240	8.67	cps
Sulfur	34-1	121058	121979	121357	121465	0.39	cps
Terbium	159-1	11682599	11718613	11652818	11684676	0.28	cps
Terbium	159-2	8179712	8065623	8130572	8125302	0.70	cps
Thallium	203-1	640	717	607	654	8.62	cps
Thallium	205-1	1640	1523	1470	1545	5.63	cps
Tin	118-1	1217	1180	1177	1191	1.86	cps
Titanium	47-1	103	130	70	101	29.73	cps

LB Number : LB134593 Operator : Jaswal
Lab Sample ID : CCB018 Instrumnet Name : P7
Client Sample ID : CCB018 Dilution Factor : 1
Date & Time Acquired : 2025-02-04 20:40:44 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	220	173	147	180	20.62	cps
Vanadium	51-2	30	37	20	29	29.04	cps
Yttrium	89-1	14471970	14487506	14427677	14462384	0.21	cps
Yttrium	89-2	4309466	4299310	4301201	4303326	0.13	cps
Zinc	66-2	550	613	587	583	5.45	cps
Zirconium	90-1	973	807	840	873	10.10	cps
Zirconium	91-1	177	190	167	178	6.58	cps