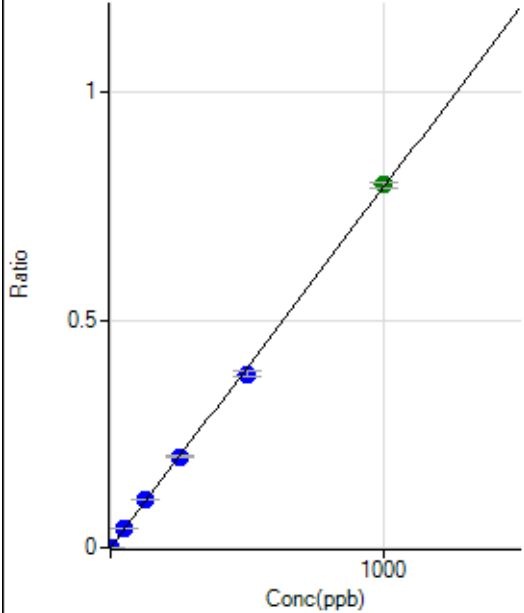


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7010325MS-4.b\
Analysis File: P7010325MS-4.batch.bin
DA Date-Time: 2025-01-04 01:58:59
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-03 19:44:22
2	005CALS.d	S01	2025-01-03 19:47:36
3	006CALS.d	S02	2025-01-03 19:50:53
4	007CALS.d	S03	2025-01-03 19:54:07
5	008CALS.d	S04	2025-01-03 19:57:08
6	009CALS.d	S05	2025-01-03 19:59:58
7	010CALS.d	S06	2025-01-03 20:02:46
8	011CALS.d	S07	2025-01-03 20:05:29
9	012CALS.d	S08	2025-01-03 20:08:15

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	68.89	0.0000	P	12.7
2	☐	0.100	0.114	201.11	0.0001	P	4.0
3	☐	1.000	1.134	1392.30	0.0009	P	6.0
4	☐	50.000	53.300	64092.40	0.0422	P	0.2
5	☐	125.000	131.638	161446.47	0.1043	P	0.5
6	☐	250.000	252.883	310964.31	0.2003	P	1.3
7	☐	500.000	482.804	597292.66	0.3823	P	2.6
8	☐	1000.000	1006.882	1214798.02	0.7973	A	1.7
9	☐			317.78	0.0002	P	4.8

y = 7.9182E-004 * x + 4.6195E-005

R = 0.9998

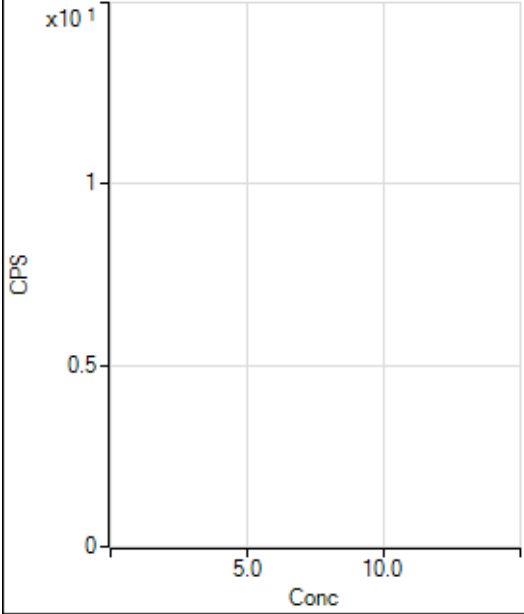
DL = 0.02216

BEC = 0.05834

Weight: <None>

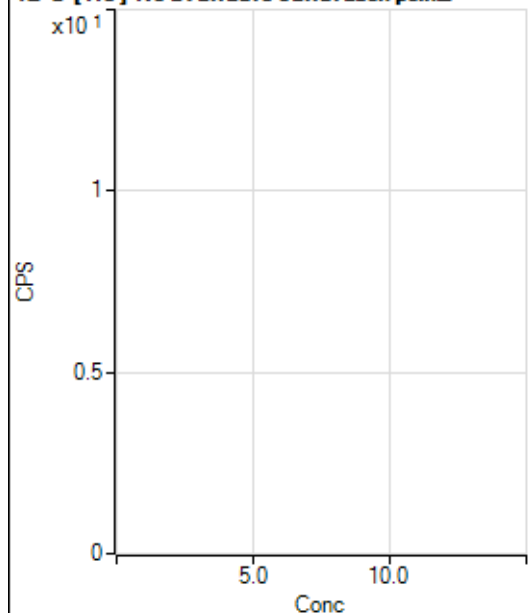
Min Conc: 0

12 C [No Gas] No available calibration points



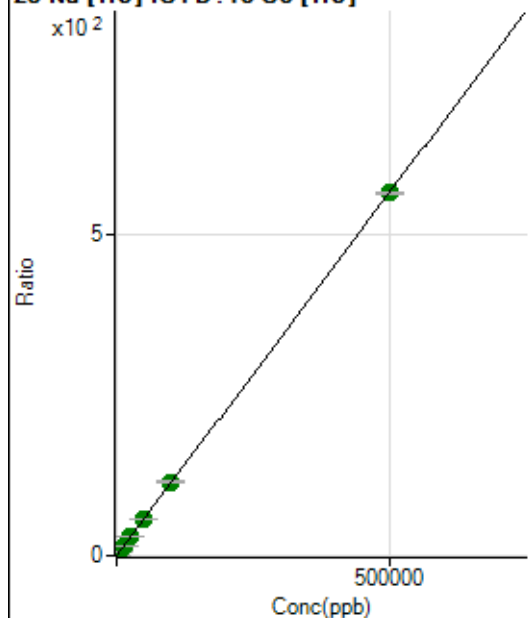
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

12 C [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23648.25	0.0401	P	2.6
2	☐	50.000	51.043	57659.56	0.0977	P	0.3
3	☐	500.000	509.682	363705.32	0.6151	P	1.1
4	☐	5000.000	4994.603	3292222.94	5.6746	A	0.4
5	☐	12500.000	12733.785	7947598.77	14.4053	A	1.3
6	☐	25000.000	25533.004	15063208.25	28.8444	A	0.4
7	☐	50000.000	50928.211	28901501.79	57.4932	A	0.7
8	☐	100000.00	101542.38	57834187.47	114.5919	A	1.0
9	☐	500000.00	499566.25	293570597.8	563.6099	A	0.5

$$y = 0.0011 * x + 0.0401$$

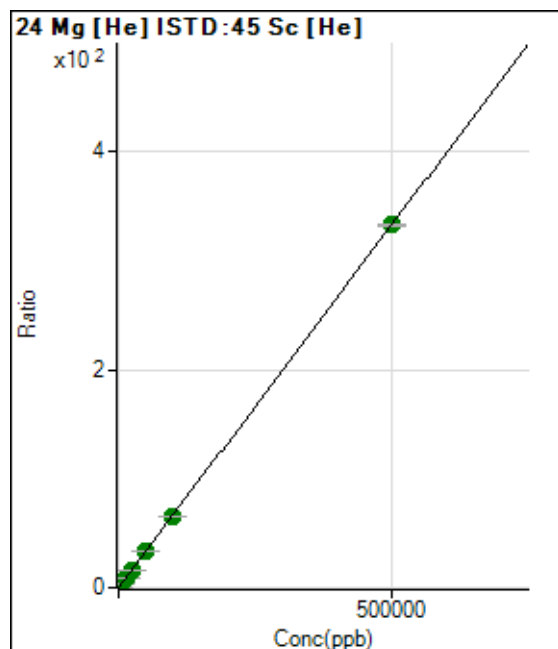
$$R = 1.0000$$

$$DL = 2.73$$

$$BEC = 35.57$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	433.34	0.0007	P	17.3
2	☐	50.000	53.907	21608.62	0.0366	P	0.7
3	☐	500.000	542.209	213837.23	0.3616	P	0.9
4	☐	5000.000	4921.509	1901034.43	3.2766	A	0.8
5	☐	12500.000	12464.080	4577700.04	8.2971	A	0.5
6	☐	25000.000	24972.926	8680972.16	16.6232	A	0.3
7	☐	50000.000	49832.431	16674480.31	33.1702	A	0.2
8	☐	100000.00	98580.375	33117252.84	65.6178	A	0.8
9	☐	500000.00	500303.67	173457144.0	333.0130	A	0.6

$$y = 6.6562E-004 * x + 7.3503E-004$$

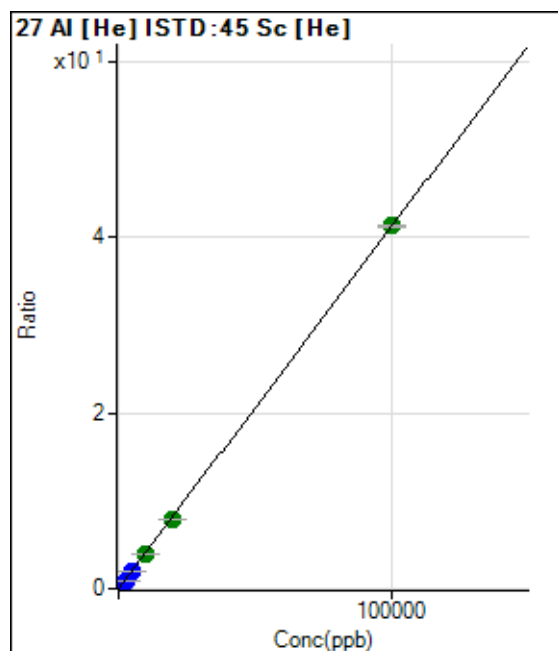
$$R = 1.0000$$

$$DL = 0.5727$$

$$BEC = 1.104$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.00	0.0001	P	25.6
2	☐	2.000	2.254	627.80	0.0011	P	4.9
3	☐	20.000	19.644	4860.81	0.0082	P	3.9
4	☐	1000.000	938.183	224149.82	0.3864	P	0.7
5	☐	2500.000	2353.568	534652.96	0.9690	P	0.7
6	☐	5000.000	4691.250	1008598.11	1.9314	P	0.4
7	☐	10000.000	9729.681	2013571.07	4.0055	A	0.7
8	☐	20000.000	19283.549	4006651.54	7.9386	A	0.5
9	☐	100000.00	100190.03	21483488.01	41.2452	A	0.6

$$y = 4.1167E-004 * x + 1.3563E-004$$

$$R = 1.0000$$

$$DL = 0.2526$$

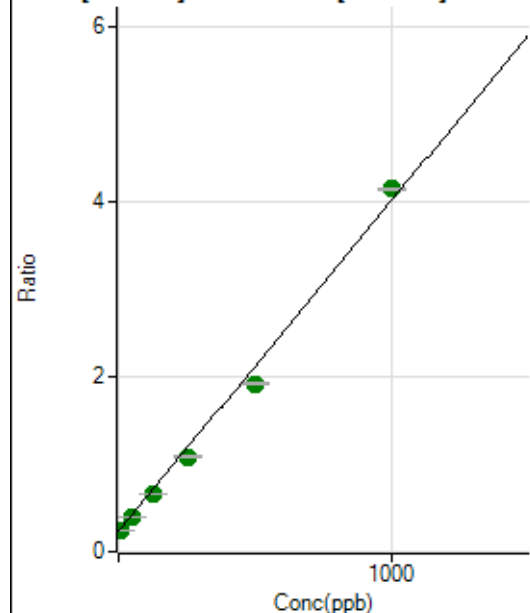
$$BEC = 0.3295$$

Weight: <None>

Min Conc: 0

Calibration for 006CALS.d

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1488223.26	0.2345	A	2.4
2	☐	1.000	1.836	1530389.84	0.2414	A	2.9
3	☐	10.000	2.780	1567925.20	0.2450	A	2.1
4	☐	50.000	44.741	2555371.09	0.4038	A	1.6
5	☐	125.000	112.004	3984485.91	0.6582	A	0.6
6	☐	250.000	225.237	6151664.77	1.0866	A	1.2
7	☐	500.000	445.686	10420086.51	1.9205	A	0.7
8	☐	1000.000	1035.307	22423068.28	4.1510	A	0.2
9	☐			811324.39	0.1488	P	2.1

$$y = 0.0038 * x + 0.2345$$

$$R = 0.9977$$

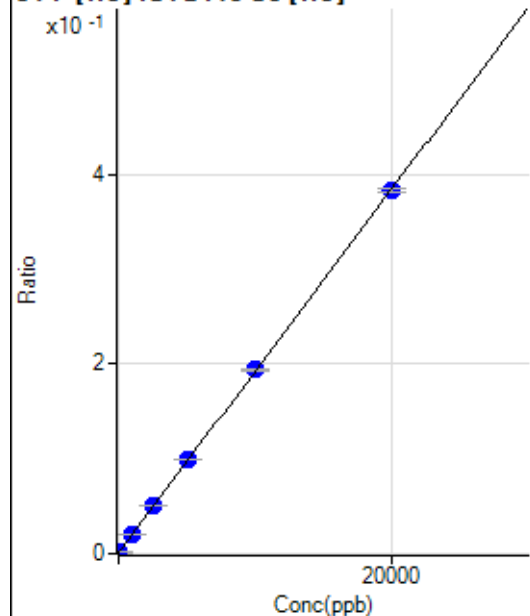
$$DL = 4.496$$

$$BEC = 61.99$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-10.735	392.23	0.0007	P	20.8
2	☐	0.000	-12.826	368.90	0.0006	P	4.3
3	☐	0.000	23.562	782.25	0.0013	P	9.5
4	☐	1000.000	1027.711	11928.07	0.0206	P	0.2
5	☐	2500.000	2603.326	27999.01	0.0507	P	1.9
6	☐	5000.000	5135.014	51829.62	0.0992	P	0.8
7	☐	10000.000	10071.030	97428.39	0.1938	P	0.4
8	☐	20000.000	19916.431	193008.38	0.3824	P	1.2
9	☐			410.01	0.0008	P	4.9

$$y = 1.9158E-005 * x + 8.7079E-004$$

$$R = 1.0000$$

$$DL = 15.17$$

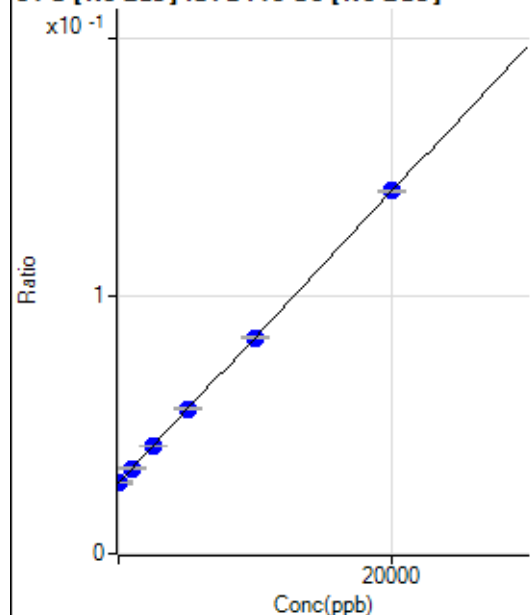
$$BEC = 45.45$$

Weight: <None>

Min Conc: 0

Calibration for 006CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	44.243	176367.97	0.0278	P	1.8
2	☐	0.000	-23.921	173648.82	0.0274	P	2.1
3	☐	0.000	-20.322	175503.67	0.0274	P	0.7
4	☐	1000.000	980.659	209465.37	0.0331	P	1.1
5	☐	2500.000	2493.878	252221.31	0.0417	P	0.8
6	☐	5000.000	5047.364	317809.86	0.0561	P	1.1
7	☐	10000.000	9931.424	454694.02	0.0838	P	0.7
8	☐	20000.000	20024.179	761561.67	0.1410	P	0.6
9	☐			139672.61	0.0256	P	1.5

$$y = 5.6654E-006 * x + 0.0275$$

R = 1.0000

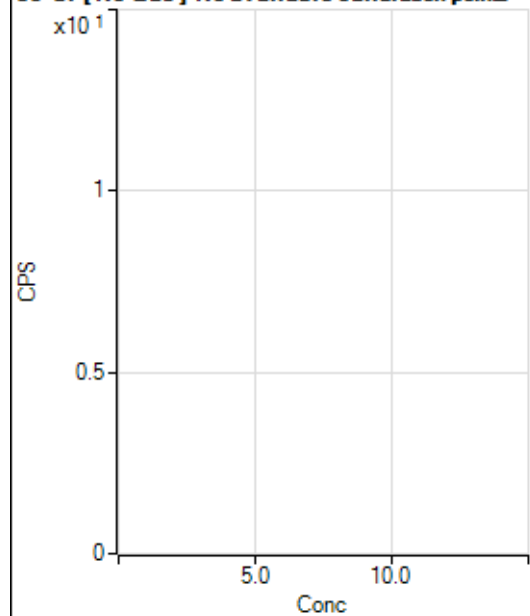
DL = 223.9

BEC = 4861

Weight: <None>

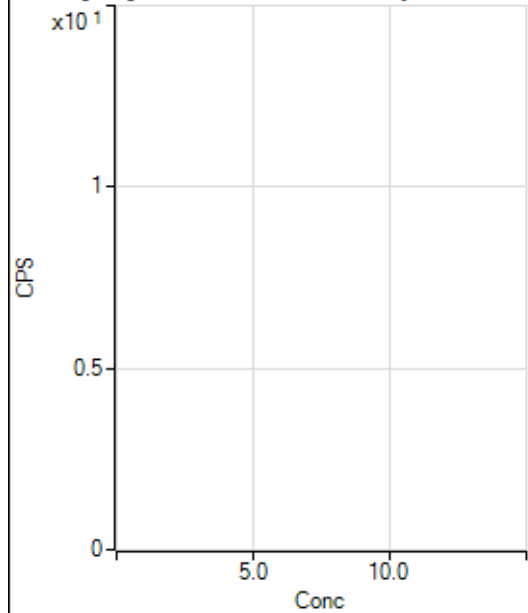
Min Conc: 0

35 Cl [No Gas] No available calibration points



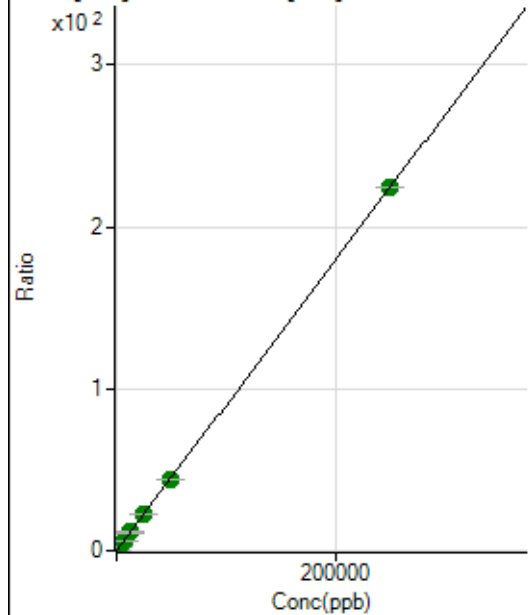
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

35 Cl [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	54826.08	0.0930	P	1.1
2	☐	50.000	55.612	84280.36	0.1428	P	0.3
3	☐	500.000	548.317	345235.21	0.5839	P	1.6
4	☐	2500.000	2542.511	1374543.58	2.3691	A	0.8
5	☐	6250.000	6326.538	3176123.01	5.7566	A	0.1
6	☐	12500.000	12515.688	5899628.53	11.2972	A	0.3
7	☐	25000.000	24730.324	11175889.14	22.2319	A	0.3
8	☐	50000.000	49390.825	22362854.67	44.3083	A	0.5
9	☐	250000.00	250145.58	116689990.4	224.0266	A	0.1

$$y = 8.9521E-004 * x + 0.0930$$

$$R = 1.0000$$

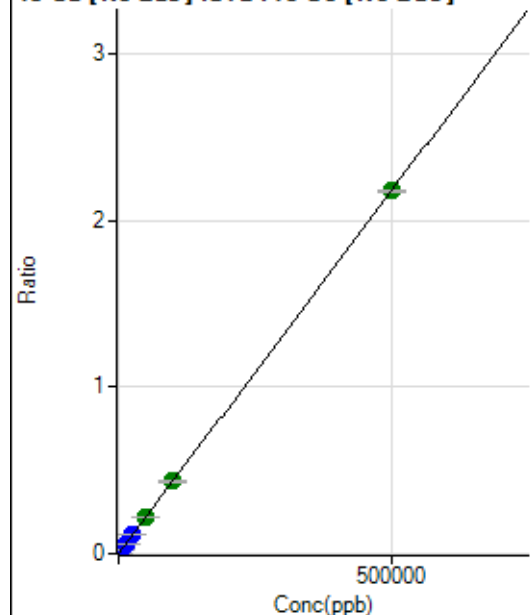
$$DL = 3.398$$

$$BEC = 103.9$$

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	587.79	0.0001	P	8.2
2	☐	50.000	55.696	2123.50	0.0003	P	4.0
3	☐	500.000	550.006	15915.11	0.0025	P	1.7
4	☐	5000.000	5134.552	142061.44	0.0224	P	2.1
5	☐	12500.000	12925.280	341155.05	0.0564	P	1.3
6	☐	25000.000	26143.278	644863.27	0.1139	P	1.9
7	☐	50000.000	50281.758	1188150.97	0.2190	A	0.9
8	☐	100000.00	99927.461	2350355.94	0.4351	A	1.3
9	☐	500000.00	499917.14	11865665.80	2.1764	A	0.7

$$y = 4.3534E-006 * x + 9.2562E-005$$

R = 1.0000

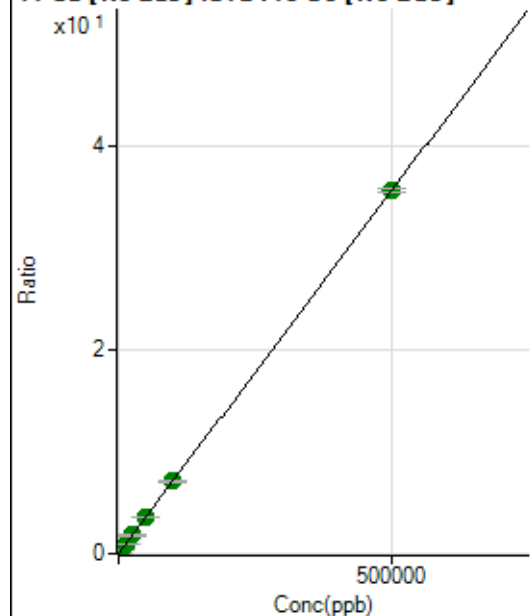
DL = 5.259

BEC = 21.26

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	19996.80	0.0031	P	2.8
2	☐	50.000	58.065	46099.88	0.0073	P	2.1
3	☐	500.000	550.643	270510.95	0.0423	P	1.3
4	☐	5000.000	4969.422	2254759.84	0.3562	A	0.5
5	☐	12500.000	12432.130	5365476.55	0.8864	A	1.5
6	☐	25000.000	25210.108	10158182.56	1.7942	A	1.6
7	☐	50000.000	50292.713	19403435.54	3.5762	A	0.1
8	☐	100000.00	99775.569	38307567.49	7.0918	A	1.0
9	☐	500000.00	500007.06	193674941.5	35.5264	A	1.1

$$y = 7.1046E-005 * x + 0.0031$$

R = 1.0000

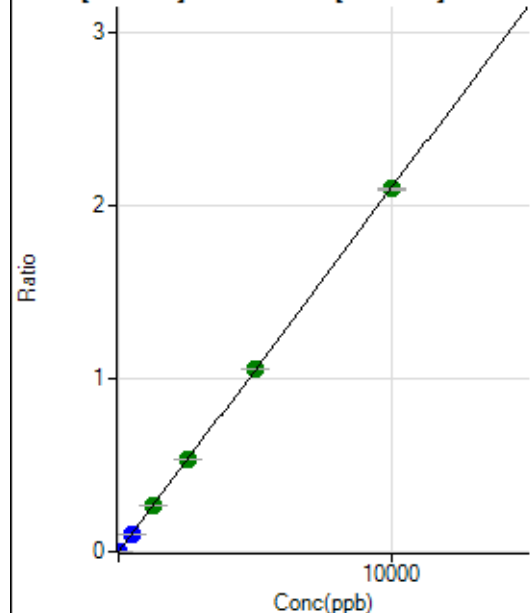
DL = 3.67

BEC = 44.33

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	80.00	0.0000	P	13.7
2	☐	0.500	0.555	817.81	0.0001	P	4.7
3	☐	5.000	5.197	7060.60	0.0011	P	0.2
4	☐	500.000	491.902	653389.15	0.1032	P	1.4
5	☐	1250.000	1250.486	1588530.76	0.2624	A	0.5
6	☐	2500.000	2534.019	3010596.07	0.5318	A	1.6
7	☐	5000.000	5039.363	5737628.94	1.0575	A	0.3
8	☐	10000.000	9972.158	11303683.72	2.0926	A	0.9
9	☐			1953.49	0.0004	P	5.0

$$y = 2.0984E-004 * x + 1.2588E-005$$

$$R = 1.0000$$

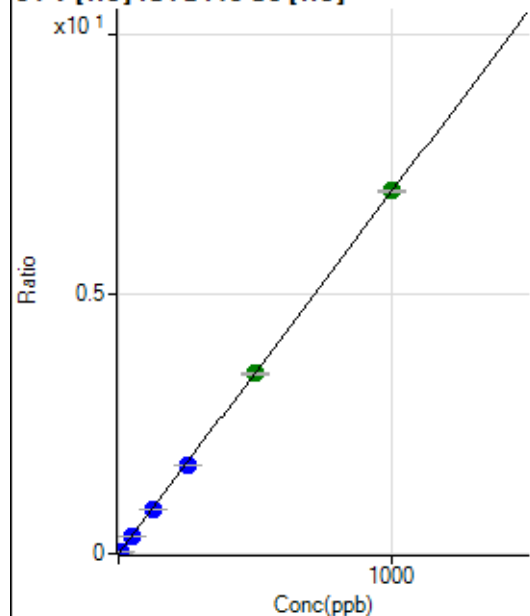
$$DL = 0.02457$$

$$BEC = 0.05999$$

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	23.33	0.0000	P	14.1
2	☐	0.500	0.520	2163.51	0.0037	P	1.3
3	☐	5.000	5.300	21895.95	0.0370	P	0.7
4	☐	50.000	48.745	197391.42	0.3402	P	1.1
5	☐	125.000	122.718	472565.16	0.8565	P	0.2
6	☐	250.000	244.995	892944.29	1.7099	P	0.4
7	☐	500.000	497.358	1744946.33	3.4712	A	0.5
8	☐	1000.000	1002.918	3532978.11	6.9996	A	0.7
9	☐			860.03	0.0017	P	2.9

$$y = 0.0070 * x + 3.9582E-005$$

$$R = 1.0000$$

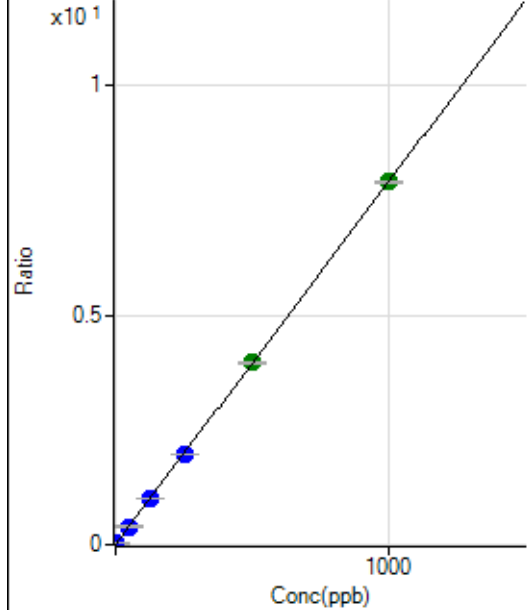
$$DL = 0.002397$$

$$BEC = 0.005671$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3330.40	0.0057	P	1.0
2	☐	0.200	0.212	4323.99	0.0073	P	1.8
3	☐	2.000	2.168	13458.32	0.0228	P	1.5
4	☐	50.000	49.540	230055.71	0.3965	P	1.1
5	☐	125.000	124.731	546119.34	0.9898	P	0.3
6	☐	250.000	247.929	1024557.85	1.9619	P	0.4
7	☐	500.000	500.708	1988893.13	3.9565	A	0.6
8	☐	1000.000	1000.220	3986090.74	7.8979	A	0.7
9	☐			8110.42	0.0156	P	11.4

$$y = 0.0079 * x + 0.0057$$

$$R = 1.0000$$

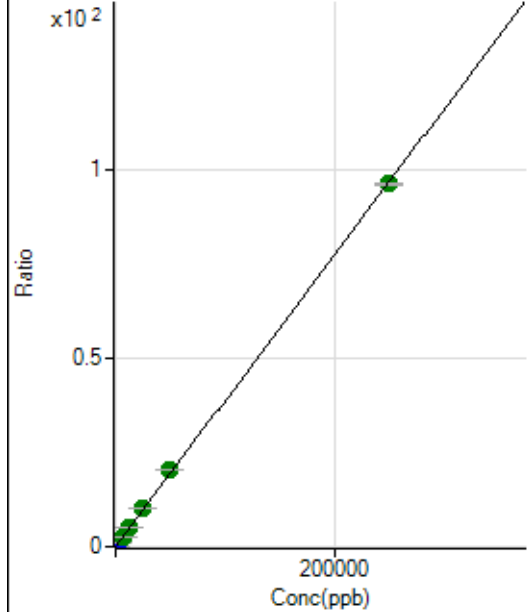
$$DL = 0.02165$$

$$BEC = 0.7162$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2864.74	0.0049	P	1.8
2	☐	5.000	6.524	4352.89	0.0074	P	5.0
3	☐	50.000	58.330	16168.78	0.0273	P	1.3
4	☐	2500.000	2694.259	605344.62	1.0434	P	0.6
5	☐	6250.000	6651.484	1417313.59	2.5688	A	0.8
6	☐	12500.000	13399.187	2699769.92	5.1698	A	0.7
7	☐	25000.000	26545.223	5146177.53	10.2372	A	0.4
8	☐	50000.000	52614.169	10238490.82	20.2859	A	0.4
9	☐	250000.00	249265.70	50049790.92	96.0886	A	0.6

$$y = 3.8547E-004 * x + 0.0049$$

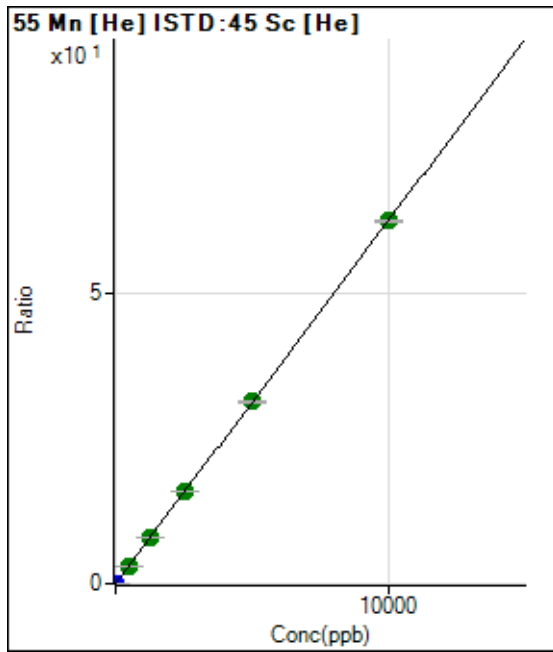
$$R = 0.9999$$

$$DL = 0.6797$$

$$BEC = 12.61$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	403.34	0.0007	P	8.6
2	☒	0.100					
3	☐	1.000	1.080	4390.69	0.0074	P	5.5
4	☐	500.000	493.750	1789783.74	3.0850	A	0.3
5	☐	1250.000	1251.265	4312743.37	7.8169	A	0.6
6	☐	2500.000	2526.560	8242332.93	15.7832	A	0.6
7	☐	5000.000	5005.628	15718719.63	31.2690	A	0.6
8	☐	10000.000	9990.700	31498016.47	62.4089	A	0.6
9	☐			17383.54	0.0334	P	3.4

$$y = 0.0062 * x + 6.8437E-004$$

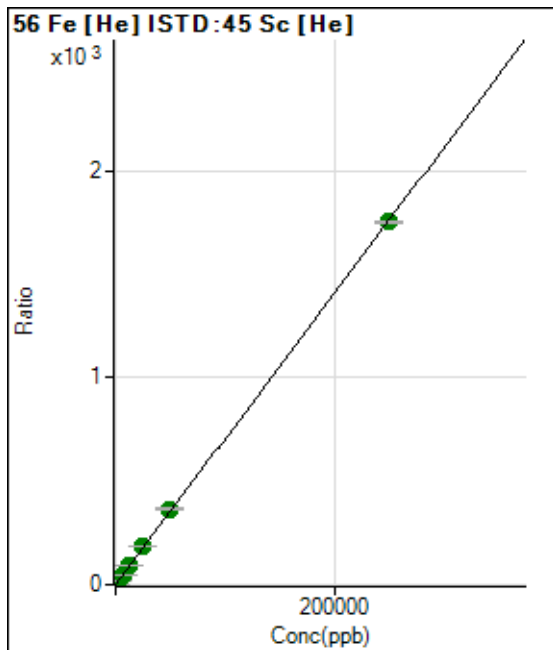
$$R = 1.0000$$

$$DL = 0.02823$$

$$BEC = 0.1096$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22837.45	0.0387	P	0.8
2	☐	5.000	5.949	47548.21	0.0806	P	1.1
3	☐	50.000	57.332	261242.85	0.4418	P	0.8
4	☐	2500.000	2594.632	10604989.21	18.2794	A	0.7
5	☐	6250.000	6570.533	25507071.01	46.2306	A	0.1
6	☐	12500.000	13148.632	48292846.50	92.4755	A	0.3
7	☐	25000.000	26213.608	92658494.17	184.3242	A	0.6
8	☐	50000.000	52071.145	184770257.2	366.1065	A	1.3
9	☐	250000.00	249423.01	913363230.8	1,753.518	A	0.3

$$y = 0.0070 * x + 0.0387$$

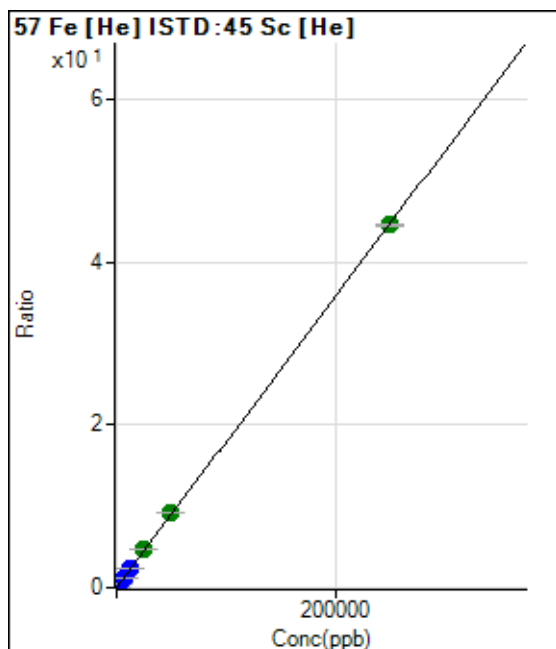
$$R = 1.0000$$

$$DL = 0.1289$$

$$BEC = 5.512$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1811.24	0.0031	P	0.8
2	☐	5.000	7.811	2636.93	0.0045	P	2.6
3	☐	50.000	63.068	8475.80	0.0143	P	2.4
4	☐	2500.000	2622.829	273511.50	0.4714	P	0.6
5	☐	6250.000	6634.492	655359.96	1.1878	P	0.2
6	☐	12500.000	13248.968	1237147.74	2.3690	P	0.2
7	☐	25000.000	26087.267	2343377.62	4.6616	A	0.2
8	☐	50000.000	51283.294	4623507.67	9.1610	A	0.9
9	☐	250000.00	249586.32	23216938.27	44.5730	A	0.4

$$y = 1.7858E-004 * x + 0.0031$$

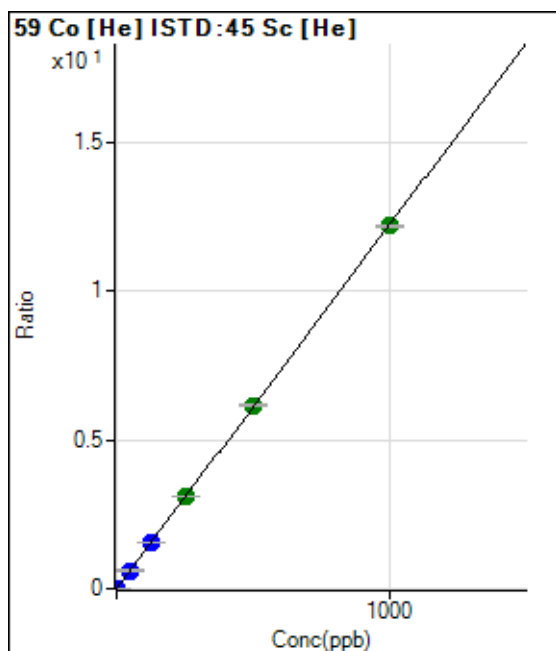
R = 1.0000

DL = 0.3995

BEC = 17.21

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	235.56	0.0004	P	12.0
2	☐	0.100	0.113	1052.27	0.0018	P	1.2
3	☐	1.000	1.123	8346.84	0.0141	P	2.0
4	☐	50.000	50.137	355503.75	0.6128	P	0.7
5	☐	125.000	126.443	852293.08	1.5448	P	0.6
6	☐	250.000	254.307	1622297.96	3.1065	A	0.3
7	☐	500.000	503.256	3090156.97	6.1472	A	1.3
8	☐	1000.000	997.108	6146853.45	12.1792	A	0.7
9	☐			18431.39	0.0354	P	0.7

$$y = 0.0122 * x + 3.9967E-004$$

R = 1.0000

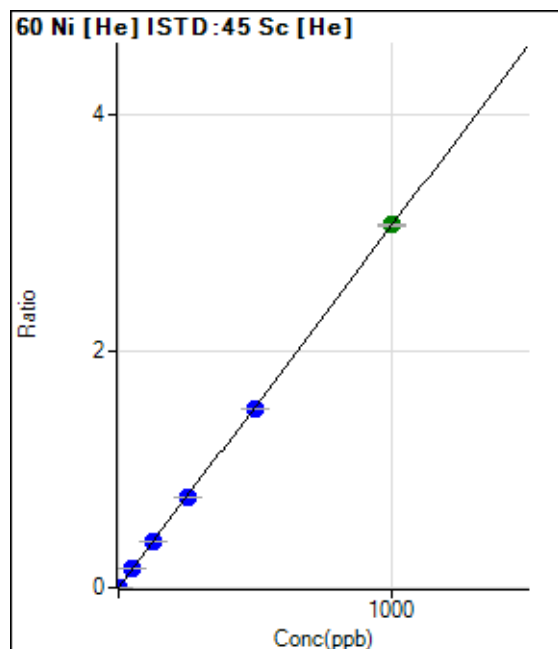
DL = 0.01174

BEC = 0.03272

Weight: <None>

Min Conc: 0

Calibration for 006CALS.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	971.15	0.0016	P	6.6
2	☒	0.100					
3	☐	1.000	1.110	2982.54	0.0050	P	2.2
4	☐	50.000	50.755	91046.24	0.1569	P	0.7
5	☐	125.000	127.608	216310.36	0.3921	P	0.6
6	☐	250.000	251.251	402291.94	0.7703	P	0.2
7	☐	500.000	492.554	758372.64	1.5086	P	0.2
8	☐	1000.000	1003.046	1549675.95	3.0705	A	0.5
9	☐			8072.25	0.0155	P	1.0

$$y = 0.0031 * x + 0.0016$$

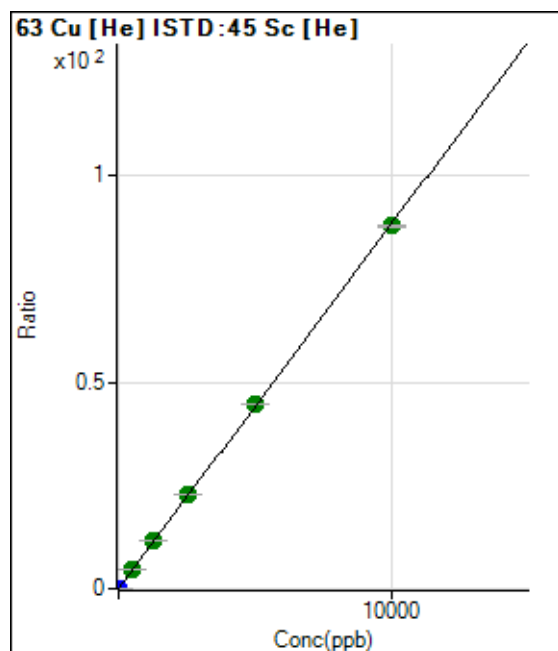
$$R = 1.0000$$

$$DL = 0.1074$$

$$BEC = 0.5385$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3240.38	0.0055	P	6.2
2	☐	0.200	0.229	4437.37	0.0075	P	4.1
3	☐	2.000	2.084	14144.55	0.0239	P	1.2
4	☐	500.000	517.948	2660168.52	4.5852	A	1.0
5	☐	1250.000	1296.899	6330017.13	11.4728	A	0.8
6	☐	2500.000	2580.857	11919908.99	22.8256	A	1.0
7	☐	5000.000	5056.809	22479445.50	44.7182	A	0.9
8	☐	10000.000	9944.621	44382097.12	87.9366	A	0.7
9	☐			13754.19	0.0264	P	1.6

$$y = 0.0088 * x + 0.0055$$

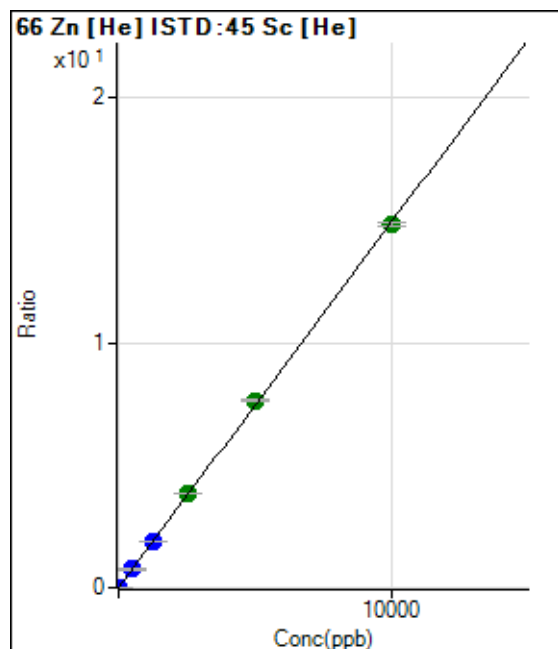
$$R = 0.9999$$

$$DL = 0.1159$$

$$BEC = 0.6218$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.12	0.0005	P	11.4
2	☒	0.500					
3	☐	5.000	5.457	5104.26	0.0086	P	2.2
4	☐	500.000	501.305	434060.79	0.7482	P	1.0
5	☐	1250.000	1273.626	1048326.89	1.9001	P	0.6
6	☐	2500.000	2561.159	1995123.70	3.8205	A	0.1
7	☐	5000.000	5111.082	3832345.78	7.6237	A	0.8
8	☐	10000.000	9926.151	7472138.64	14.8053	A	1.1
9	☐			11142.01	0.0214	P	1.9

$$y = 0.0015 * x + 4.9393E-004$$

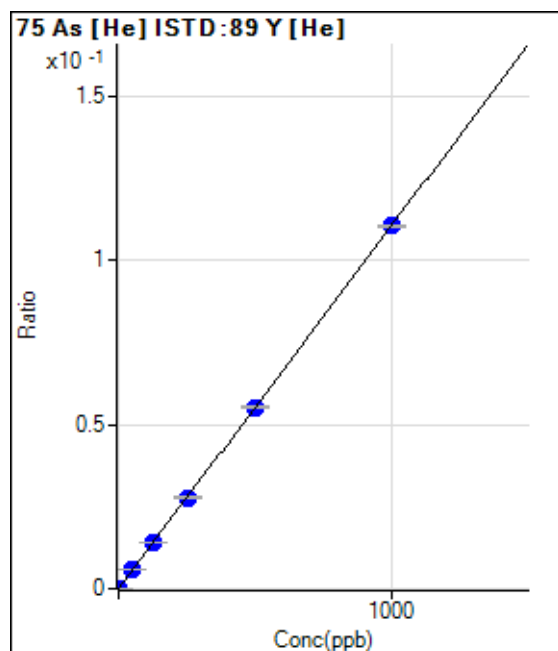
$$R = 0.9999$$

$$DL = 0.1131$$

$$BEC = 0.3312$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0000	P	21.7
2	☐	0.100	0.129	95.56	0.0000	P	8.8
3	☐	1.000	1.159	711.14	0.0001	P	10.6
4	☐	50.000	51.069	30236.32	0.0057	P	0.5
5	☐	125.000	127.324	73071.99	0.0141	P	1.6
6	☐	250.000	250.826	138383.15	0.0278	P	1.1
7	☐	500.000	499.876	265406.44	0.0553	P	1.3
8	☐	1000.000	999.511	529656.58	0.1107	P	0.9
9	☐			330.01	0.0001	P	23.5

$$y = 1.1070E-004 * x + 3.5198E-006$$

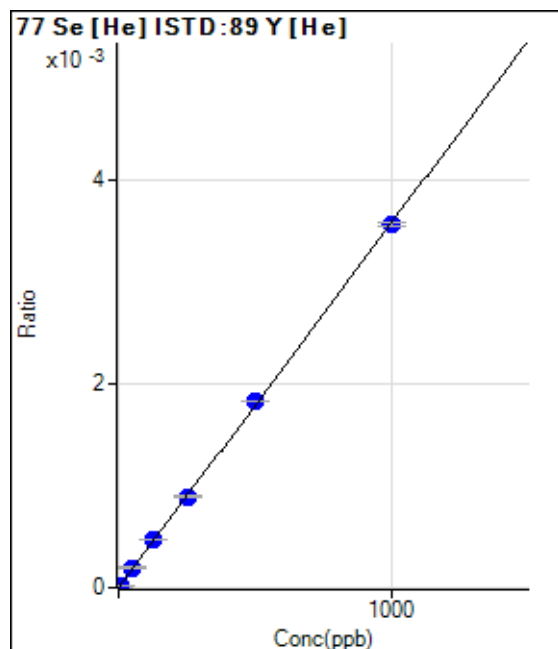
$$R = 1.0000$$

$$DL = 0.0207$$

$$BEC = 0.03179$$

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	☐	0.500	0.464	8.89	0.0000	P	21.6
3	☐	5.000	5.653	108.89	0.0000	P	18.9
4	☐	50.000	54.616	1043.38	0.0002	P	3.7
5	☐	125.000	132.150	2448.01	0.0005	P	2.8
6	☐	250.000	249.402	4441.82	0.0009	P	3.4
7	☐	500.000	509.303	8729.31	0.0018	P	0.2
8	☐	1000.000	994.370	17009.84	0.0036	P	1.2
9	☐			6.67	0.0000	P	49.7

$$y = 3.5737\text{E-}006 * x + 0.0000\text{E+}000$$

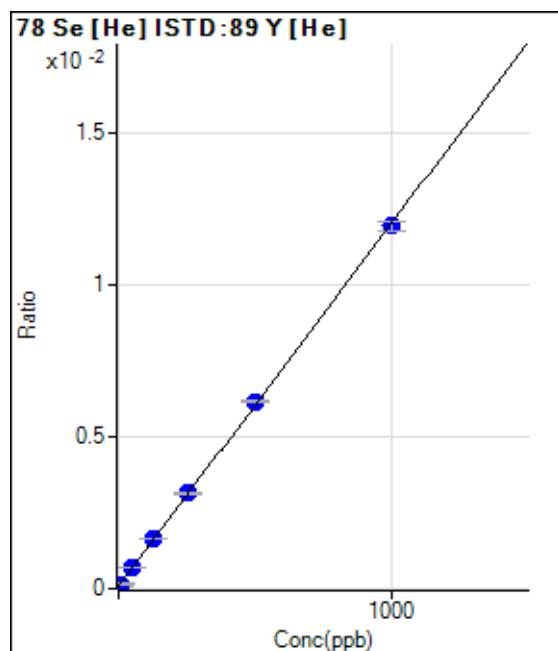
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	398.90	0.0001	P	9.4
2	☐	0.500	0.535	432.23	0.0001	P	8.8
3	☐	5.000	6.307	806.70	0.0001	P	11.8
4	☐	50.000	51.128	3664.93	0.0007	P	2.6
5	☐	125.000	130.500	8475.82	0.0016	P	2.1
6	☐	250.000	256.199	15642.79	0.0031	P	0.6
7	☐	500.000	509.249	29572.91	0.0062	P	0.8
8	☐	1000.000	993.075	57214.46	0.0120	P	2.7
9	☐			340.01	0.0001	P	7.8

$$y = 1.1963\text{E-}005 * x + 7.4162\text{E-}005$$

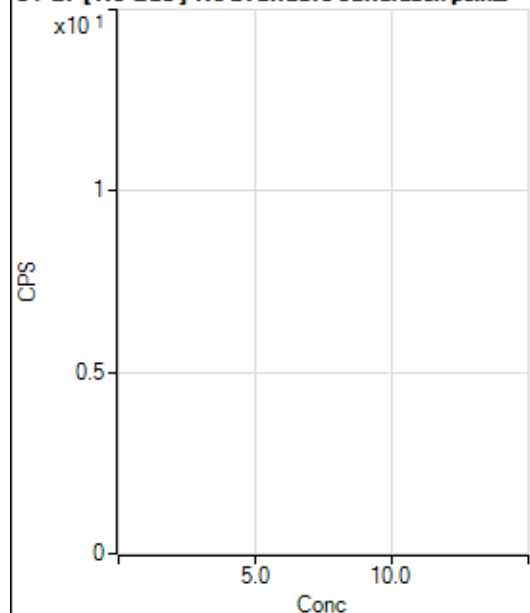
$$R = 0.9999$$

$$DL = 1.749$$

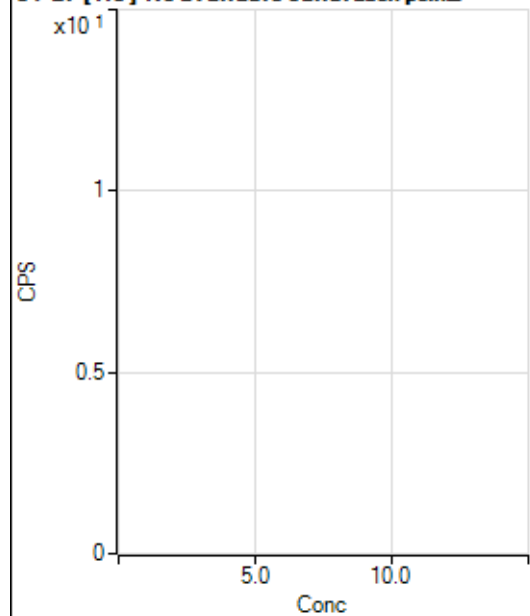
$$BEC = 6.199$$

Weight: <None>

Min Conc: 0

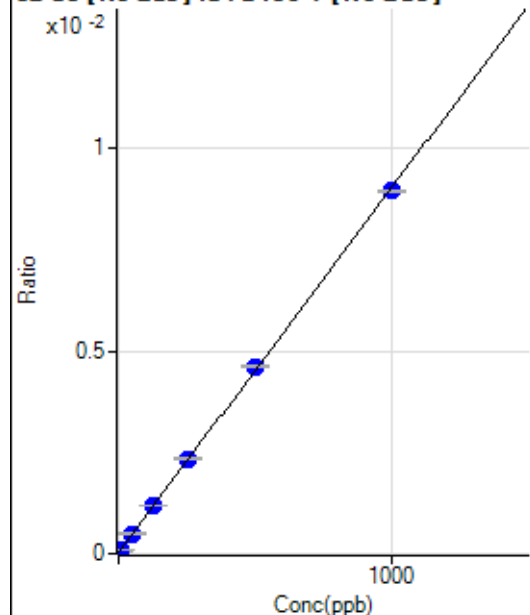
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14142.44		P	1.6
2	☐			13396.15		P	1.0
3	☐			13626.39		P	2.4
4	☐			13674.22		P	1.5
5	☐			12685.55		P	0.8
6	☐			11958.28		P	2.6
7	☐			11126.50		P	1.3
8	☐			11385.60		P	3.3
9	☐			12097.27		P	0.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			157.78		P	14.1
2	☐			128.89		P	12.2
3	☐			131.11		P	10.6
4	☐			157.78		P	18.5
5	☐			114.45		P	26.4
6	☐			121.12		P	5.7
7	☐			120.00		P	22.0
8	☐			115.55		P	26.2
9	☐			133.34		P	13.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	476.97	0.0000	P	4.0
2	☒	0.500					
3	☐	5.000	6.096	1491.58	0.0001	P	3.9
4	☐	50.000	51.969	9160.72	0.0005	P	2.1
5	☐	125.000	130.795	21740.33	0.0012	P	0.4
6	☐	250.000	257.746	40708.52	0.0023	P	0.5
7	☐	500.000	510.248	77129.42	0.0046	P	1.3
8	☐	1000.000	992.111	149497.70	0.0089	P	0.7
9	☐			616.27	0.0000	P	5.2

$$y = 8.9931E-006 * x + 2.5639E-005$$

R = 0.9999

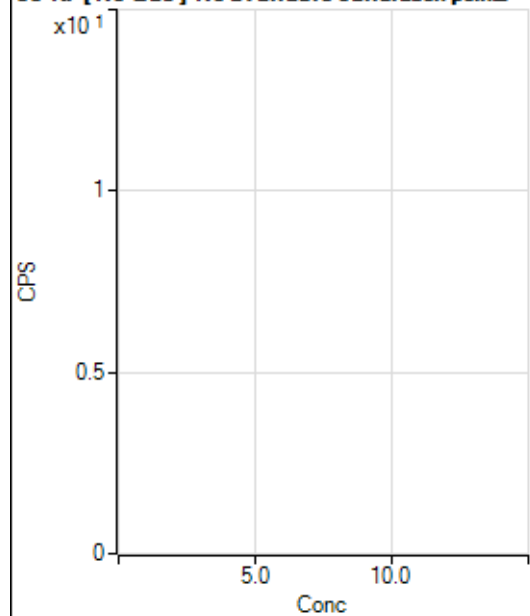
DL = 0.3405

BEC = 2.851

Weight: <None>

Min Conc: 0

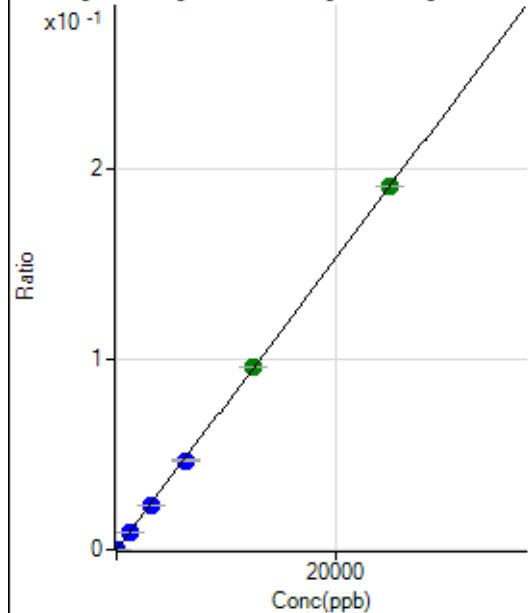
83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			222.23		P	3.5
2	☐			188.89		P	15.0
3	☐			178.89		P	13.7
4	☐			212.22		P	9.2
5	☐			176.67		P	5.0
6	☐			164.45		P	16.4
7	☐			174.45		P	6.7
8	☐			178.89		P	15.5
9	☐			183.34		P	23.8

Calibration for 006CALS.d

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	351.12	0.0000	P	4.2
2	☐	0.100	2.047	638.91	0.0000	P	4.9
3	☐	1.000	26.443	4095.06	0.0002	P	3.5
4	☐	1250.000	1219.866	173453.24	0.0093	P	1.2
5	☐	3125.000	3076.793	425357.68	0.0235	P	1.2
6	☐	6250.000	6145.573	815559.15	0.0470	P	1.4
7	☐	12500.000	12592.017	1607784.25	0.0962	A	0.7
8	☐	25000.000	24987.630	3188742.94	0.1909	A	0.1
9	☐			9480.90	0.0006	P	4.3

$$y = 7.6370E-006 * x + 1.8877E-005$$

R = 1.0000

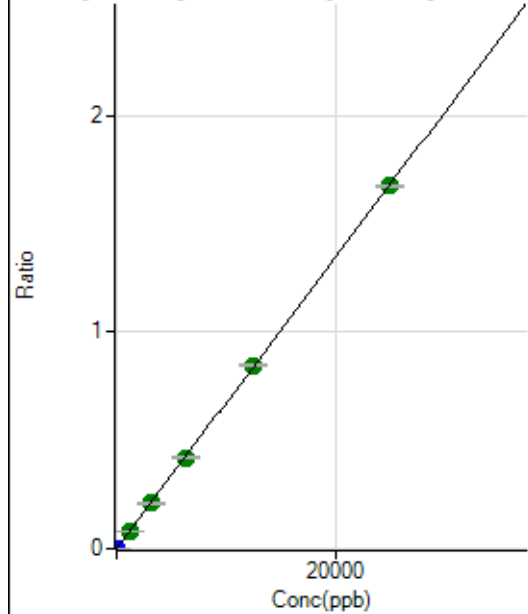
DL = 0.3081

BEC = 2.472

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	224.45	0.0000	P	3.7
2	☐	0.100	2.692	3571.58	0.0002	P	1.6
3	☐	1.000	26.230	32883.43	0.0018	P	0.8
4	☐	1250.000	1236.067	1542638.64	0.0830	A	0.9
5	☐	3125.000	3124.332	3795159.18	0.2098	A	1.4
6	☐	6250.000	6263.806	7306787.32	0.4206	A	1.2
7	☐	12500.000	12594.021	14137047.01	0.8457	A	1.0
8	☐	25000.000	24950.317	27994420.97	1.6755	A	0.2
9	☐			83146.53	0.0051	P	0.8

$$y = 6.7154E-005 * x + 1.2060E-005$$

R = 1.0000

DL = 0.01977

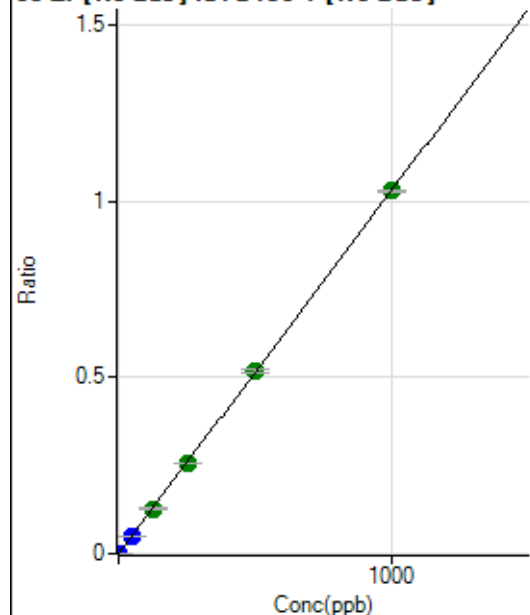
BEC = 0.1796

Weight: <None>

Min Conc: 0

Calibration for 006CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1723.45	0.0001	P	1.8
2	☐	0.100	0.107	3753.85	0.0002	P	5.2
3	☐	1.000	1.043	21652.72	0.0012	P	2.5
4	☐	50.000	48.402	929214.85	0.0500	P	0.6
5	☐	125.000	124.187	2318209.57	0.1282	A	1.2
6	☐	250.000	249.057	4462991.60	0.2569	A	1.3
7	☐	500.000	502.382	8661379.66	0.5182	A	1.4
8	☐	1000.000	999.226	17218303.08	1.0306	A	0.7
9	☐			11950.50	0.0007	P	1.3

$$y = 0.0010 * x + 9.2639E-005$$

$$R = 1.0000$$

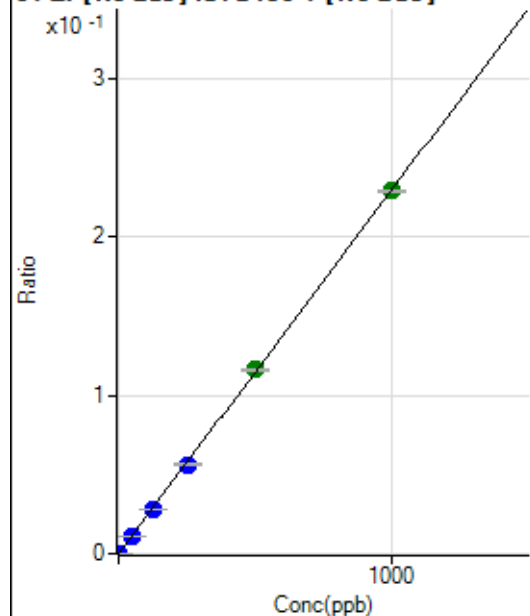
$$DL = 0.004978$$

$$BEC = 0.08983$$

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	174.45	0.0000	P	4.5
2	☐	0.100	0.090	554.46	0.0000	P	5.5
3	☐	1.000	1.026	4539.63	0.0002	P	4.5
4	☐	50.000	48.845	208417.40	0.0112	P	0.8
5	☐	125.000	122.670	509266.31	0.0282	P	0.6
6	☐	250.000	246.028	980658.42	0.0565	P	2.0
7	☐	500.000	505.958	1940590.27	0.1161	A	0.9
8	☐	1000.000	998.363	3827303.28	0.2291	A	0.4
9	☐			2514.69	0.0002	P	8.3

$$y = 2.2944E-004 * x + 9.3764E-006$$

$$R = 1.0000$$

$$DL = 0.005495$$

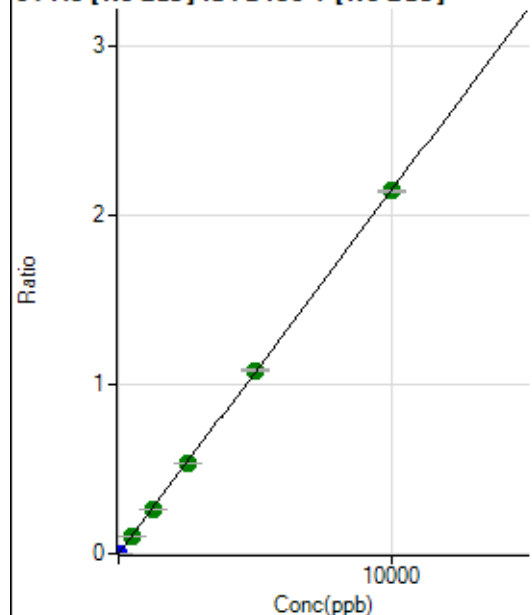
$$BEC = 0.04087$$

Weight: <None>

Min Conc: 0

Calibration for 006CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	494.46	0.0000	P	10.7
2	☐	0.500	0.624	2969.22	0.0002	P	7.7
3	☐	5.000	6.055	24560.68	0.0013	P	1.4
4	☐	500.000	494.893	1971913.46	0.1061	A	1.3
5	☐	1250.000	1240.036	4809191.80	0.2659	A	0.4
6	☐	2500.000	2491.220	9277364.37	0.5341	A	1.0
7	☐	5000.000	5039.961	18060660.98	1.0805	A	1.3
8	☐	10000.000	9983.715	35760430.58	2.1404	A	0.6
9	☐			10062.43	0.0006	P	4.5

$$y = 2.1438E-004 * x + 2.6553E-005$$

$$R = 1.0000$$

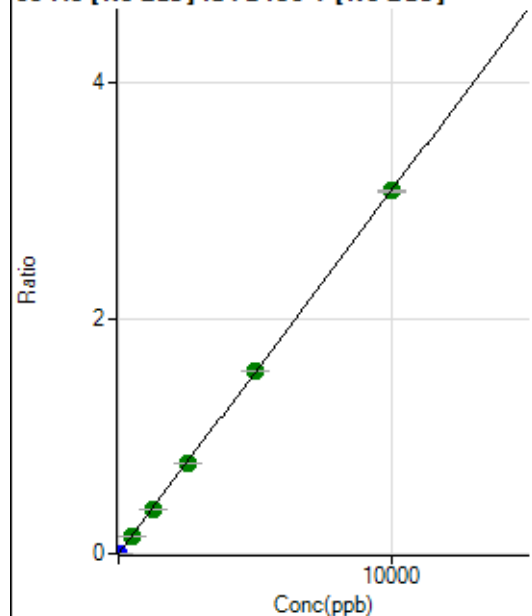
$$DL = 0.03971$$

$$BEC = 0.1239$$

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	396.67	0.0000	P	2.7
2	☐	0.500	0.543	3500.45	0.0002	P	1.2
3	☐	5.000	5.094	29554.28	0.0016	P	1.6
4	☐	500.000	494.149	2835617.49	0.1526	A	0.4
5	☐	1250.000	1239.592	6923643.92	0.3828	A	0.6
6	☐	2500.000	2495.772	13386155.22	0.7706	A	1.0
7	☐	5000.000	5020.847	25914556.84	1.5503	A	0.5
8	☐	10000.000	9992.227	51549217.01	3.0853	A	0.5
9	☐			9784.46	0.0006	P	4.2

$$y = 3.0877E-004 * x + 2.1315E-005$$

$$R = 1.0000$$

$$DL = 0.005517$$

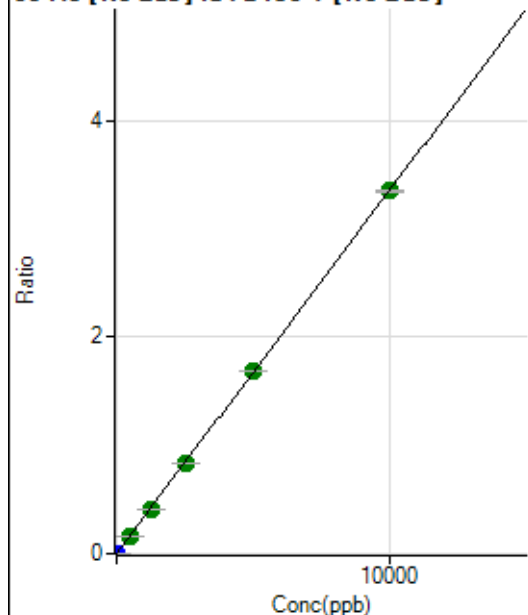
$$BEC = 0.06903$$

Weight: <None>

Min Conc: 0

Calibration for 006CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	516.68	0.0000	P	12.9
2	☐	0.500	0.555	3962.79	0.0002	P	3.0
3	☐	5.000	5.246	33159.84	0.0018	P	2.0
4	☐	500.000	492.682	3073661.21	0.1654	A	0.2
5	☐	1250.000	1236.640	7509036.97	0.4151	A	1.1
6	☐	2500.000	2495.370	14550364.78	0.8377	A	1.2
7	☐	5000.000	5026.178	28202468.75	1.6872	A	0.7
8	☐	10000.000	9990.104	56029656.94	3.3535	A	0.2
9	☐			19340.72	0.0012	P	2.6

$$y = 3.3568E-004 * x + 2.7741E-005$$

$$R = 1.0000$$

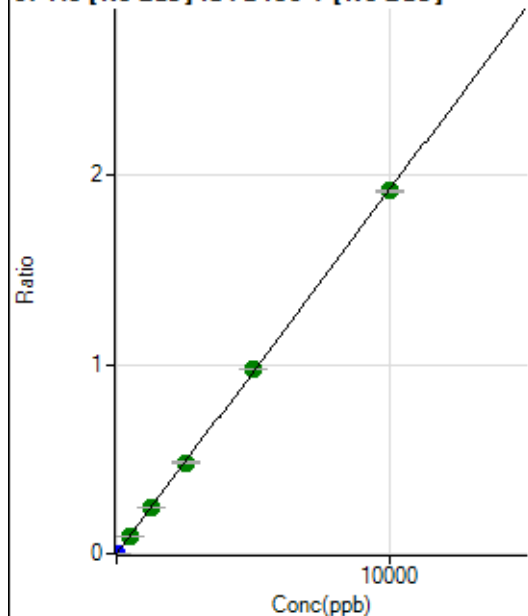
$$DL = 0.03208$$

$$BEC = 0.08264$$

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	286.67	0.0000	P	7.4
2	☐	0.500	0.527	2162.40	0.0001	P	5.4
3	☐	5.000	5.211	18858.93	0.0010	P	2.8
4	☐	500.000	495.244	1769536.69	0.0952	A	0.6
5	☐	1250.000	1248.064	4340547.23	0.2400	A	0.8
6	☐	2500.000	2502.278	8356607.38	0.4811	A	1.7
7	☐	5000.000	5062.265	16269423.37	0.9733	A	0.2
8	☐	10000.000	9968.778	32022321.75	1.9166	A	0.3
9	☐			6069.09	0.0004	P	6.6

$$y = 1.9226E-004 * x + 1.5417E-005$$

$$R = 1.0000$$

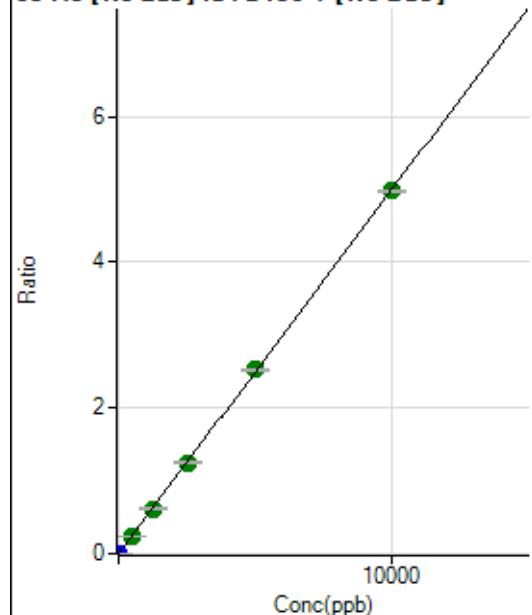
$$DL = 0.01776$$

$$BEC = 0.08019$$

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	718.91	0.0000	P	9.3
2	☐	0.500	0.539	5688.94	0.0003	P	5.8
3	☐	5.000	5.161	48437.71	0.0026	P	1.4
4	☐	500.000	493.734	4576644.31	0.2463	A	0.3
5	☐	1250.000	1237.163	11162027.33	0.6171	A	1.0
6	☐	2500.000	2496.632	21630014.26	1.2453	A	1.5
7	☐	5000.000	5051.825	42119081.60	2.5197	A	0.7
8	☐	10000.000	9976.847	83140003.76	4.9761	A	0.5
9	☐			14978.93	0.0009	P	8.0

$$y = 4.9876E-004 * x + 3.8663E-005$$

$$R = 1.0000$$

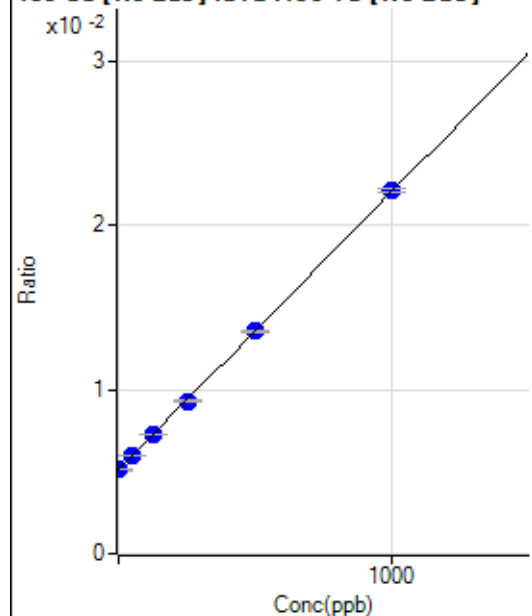
$$DL = 0.02156$$

$$BEC = 0.07752$$

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	84272.54	0.0051	P	1.7
2	☐	0.100	1.980	83731.68	0.0052	P	0.4
3	☐	1.000	0.323	84077.17	0.0051	P	1.0
4	☐	50.000	52.141	99524.68	0.0060	P	0.4
5	☐	125.000	126.162	120217.57	0.0073	P	0.4
6	☐	250.000	245.091	152323.31	0.0093	P	0.8
7	☐	500.000	496.481	219898.19	0.0135	P	0.1
8	☐	1000.000	1002.735	356176.06	0.0221	P	1.0
9	☐			72040.76	0.0047	P	0.6

$$y = 1.6930E-005 * x + 0.0051$$

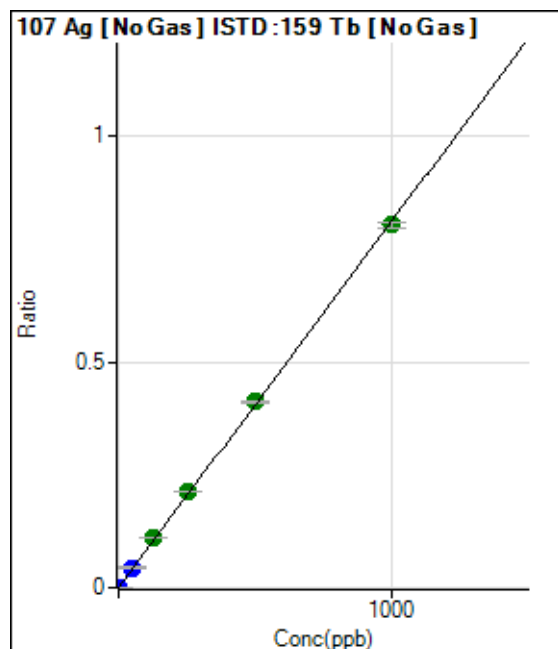
$$R = 1.0000$$

$$DL = 15.02$$

$$BEC = 303.1$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	174.45	0.0000	P	8.2
2	☐	0.100	0.115	1682.34	0.0001	P	5.6
3	☐	1.000	1.123	15074.60	0.0009	P	2.7
4	☐	50.000	54.944	737264.43	0.0446	P	1.6
5	☐	125.000	135.088	1811840.95	0.1095	A	1.3
6	☐	250.000	263.133	3501818.59	0.2134	A	0.9
7	☐	500.000	508.501	6697524.28	0.4123	A	1.1
8	☐	1000.000	990.958	12945134.67	0.8035	A	1.6
9	☐			3091.48	0.0002	P	7.4

$$y = 8.1086E-004 * x + 1.0620E-005$$

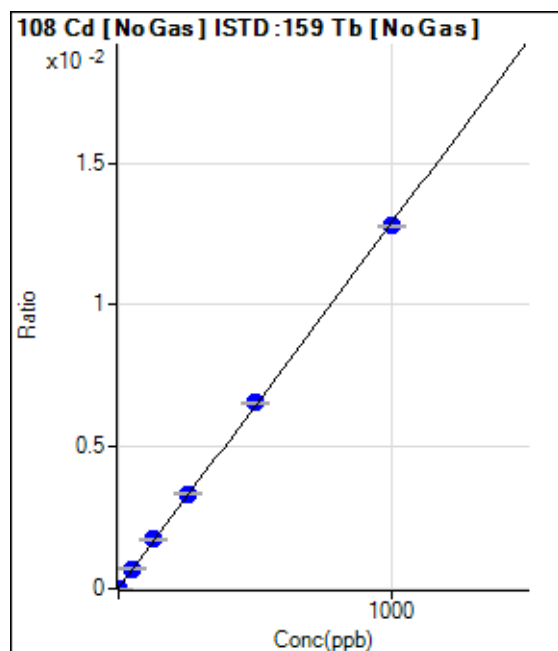
$$R = 0.9998$$

$$DL = 0.00324$$

$$BEC = 0.0131$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	187.78	0.0000	P	9.9
2	☐	0.100	0.122	211.12	0.0000	P	17.8
3	☐	1.000	1.022	402.23	0.0000	P	5.0
4	☐	50.000	54.354	11754.83	0.0007	P	2.5
5	☐	125.000	133.434	28578.16	0.0017	P	0.7
6	☐	250.000	258.358	54722.64	0.0033	P	1.8
7	☐	500.000	508.009	106322.60	0.0065	P	1.1
8	☐	1000.000	992.634	205874.23	0.0128	P	0.9
9	☐			225.56	0.0000	P	8.3

$$y = 1.2862E-005 * x + 1.1430E-005$$

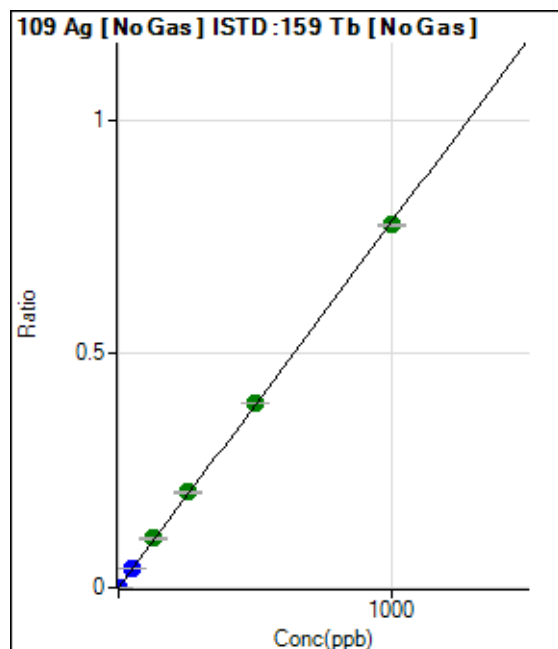
$$R = 0.9999$$

$$DL = 0.2636$$

$$BEC = 0.8887$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60.00	0.0000	P	17.5
2	☐	0.100	0.115	1516.76	0.0001	P	3.3
3	☐	1.000	1.111	14270.46	0.0009	P	2.9
4	☐	50.000	54.329	702642.33	0.0425	P	1.9
5	☐	125.000	134.508	1738949.49	0.1051	A	1.6
6	☐	250.000	262.360	3365632.93	0.2051	A	1.7
7	☐	500.000	505.846	6422736.29	0.3954	A	0.6
8	☐	1000.000	992.582	12499668.43	0.7759	A	0.9
9	☐			2786.96	0.0002	P	10.7

$$y = 7.8166E-004 * x + 3.6578E-006$$

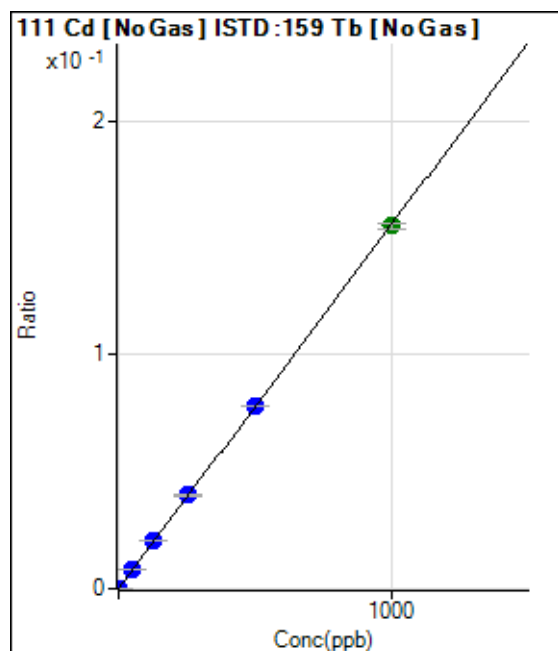
$$R = 0.9999$$

$$DL = 0.002455$$

$$BEC = 0.00468$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	335.47	0.0000	P	5.9
2	☒	0.100					
3	☐	1.000	1.224	3455.90	0.0002	P	2.6
4	☐	50.000	53.600	138560.47	0.0084	P	1.2
5	☐	125.000	133.006	343199.86	0.0208	P	1.9
6	☐	250.000	257.005	657739.75	0.0401	P	1.4
7	☐	500.000	501.903	1271038.57	0.0782	P	0.7
8	☐	1000.000	996.116	2501579.61	0.1553	A	1.6
9	☐			799.00	0.0001	P	5.5

$$y = 1.5586E-004 * x + 2.0439E-005$$

$$R = 1.0000$$

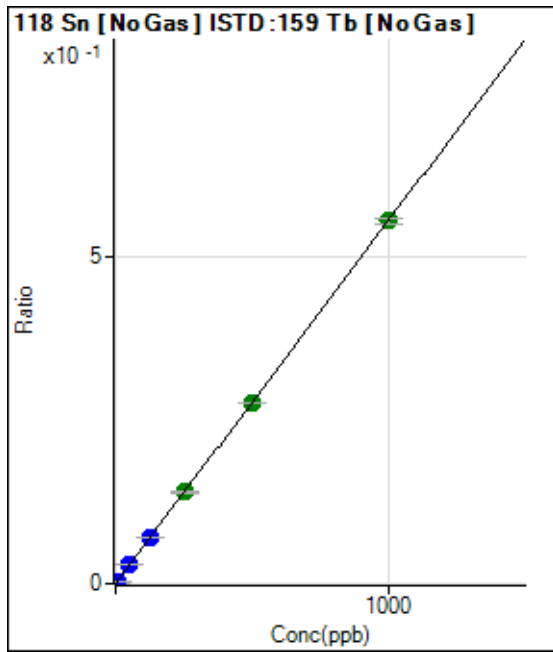
$$DL = 0.02324$$

$$BEC = 0.1311$$

Weight: <None>

Min Conc: 0

Calibration for 006CAL5.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1096.72	0.0001	P	3.8
2	☐	0.500	0.553	6062.44	0.0004	P	3.8
3	☐	5.000	5.576	51761.35	0.0032	P	2.3
4	☐	50.000	51.477	474165.56	0.0287	P	1.2
5	☐	125.000	126.463	1162847.04	0.0703	P	1.4
6	☐	250.000	251.993	2298138.80	0.1400	A	1.6
7	☐	500.000	499.849	4510901.63	0.2777	A	0.1
8	☐	1000.000	999.318	8943102.65	0.5551	A	1.7
9	☐			3273.74	0.0002	P	7.9

$$y = 5.5544E-004 * x + 6.6790E-005$$

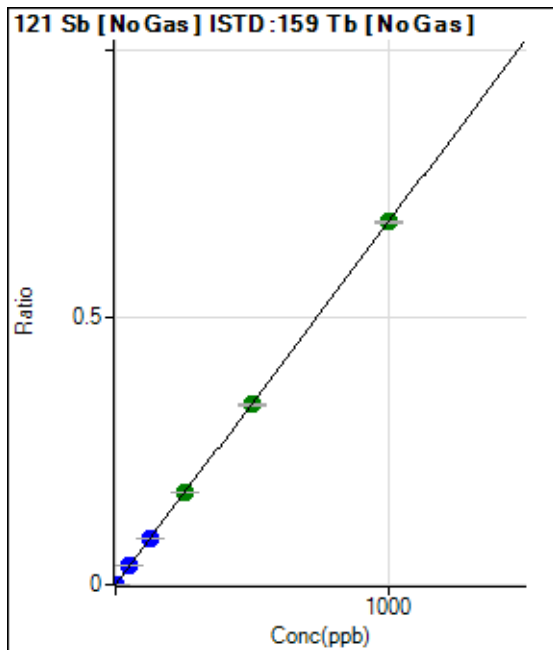
R = 1.0000

DL = 0.01357

BEC = 0.1202

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.78	0.0000	P	35.3
2	☐	0.200	0.215	2419.12	0.0001	P	2.9
3	☐	2.000	2.202	24504.29	0.0015	P	2.6
4	☐	50.000	50.806	570737.92	0.0345	P	1.4
5	☐	125.000	126.165	1416793.97	0.0857	P	1.0
6	☐	250.000	254.556	2836383.01	0.1728	A	1.5
7	☐	500.000	497.564	5487211.73	0.3378	A	0.9
8	☐	1000.000	999.893	10936874.14	0.6789	A	0.8
9	☐			5951.30	0.0004	P	11.1

$$y = 6.7893E-004 * x + 2.9128E-006$$

R = 1.0000

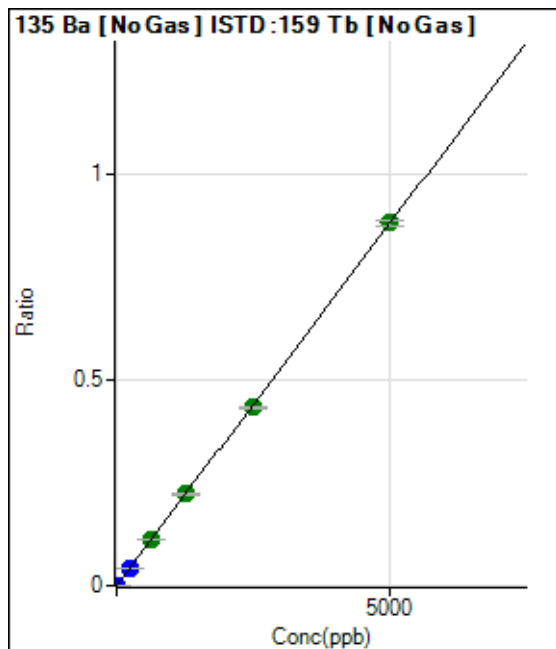
DL = 0.004547

BEC = 0.00429

Weight: <None>

Min Conc: 0

Calibration for 006CAL5.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.22	0.0000	P	17.7
2	☐	1.000	1.096	3173.73	0.0002	P	5.4
3	☐	10.000	10.851	31277.67	0.0019	P	1.5
4	☐	250.000	250.469	728784.53	0.0440	P	1.5
5	☐	625.000	641.689	1866505.70	0.1128	A	0.7
6	☐	1250.000	1268.264	3660328.87	0.2230	A	1.9
7	☐	2500.000	2462.436	7033977.05	0.4330	A	0.6
8	☐	5000.000	5012.104	14199926.18	0.8814	A	1.3
9	☐			6375.93	0.0004	P	0.7

$$y = 1.7586E-004 * x + 3.1782E-006$$

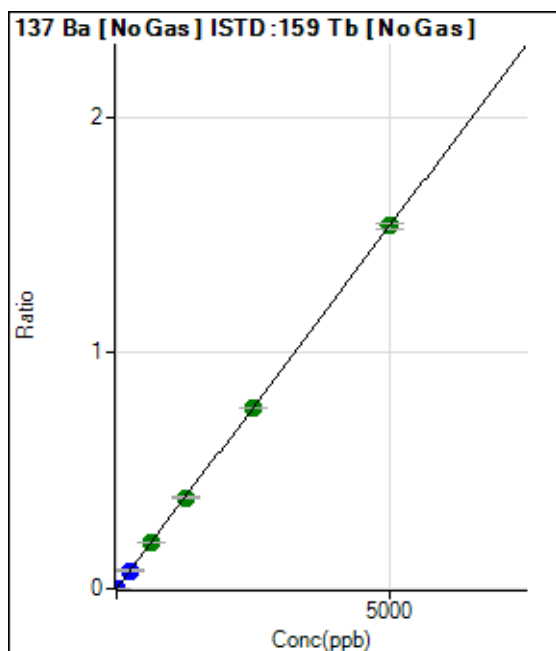
R = 1.0000

DL = 0.009599

BEC = 0.01807

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	93.33	0.0000	P	8.9
2	☐	1.000	1.089	5516.68	0.0003	P	3.1
3	☐	10.000	10.764	54214.97	0.0033	P	1.9
4	☐	250.000	250.649	1274435.81	0.0770	P	1.6
5	☐	625.000	643.353	3269958.39	0.1977	A	1.4
6	☐	1250.000	1253.574	6322102.61	0.3852	A	1.4
7	☐	2500.000	2487.907	12418793.70	0.7645	A	0.5
8	☐	5000.000	5002.825	24767707.41	1.5374	A	1.5
9	☐			11160.02	0.0007	P	3.3

$$y = 3.0730E-004 * x + 5.6827E-006$$

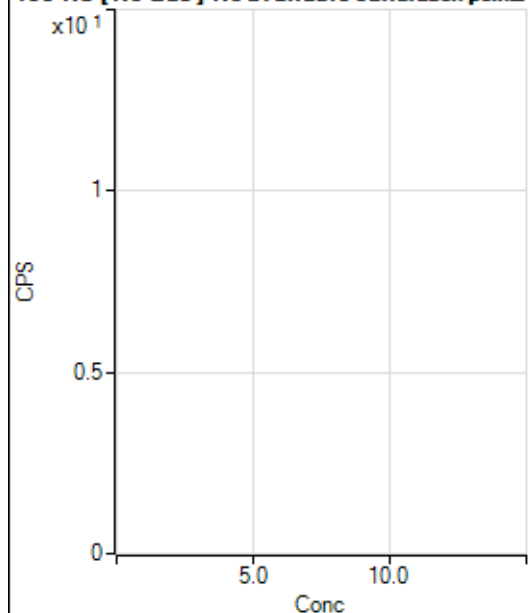
R = 1.0000

DL = 0.004921

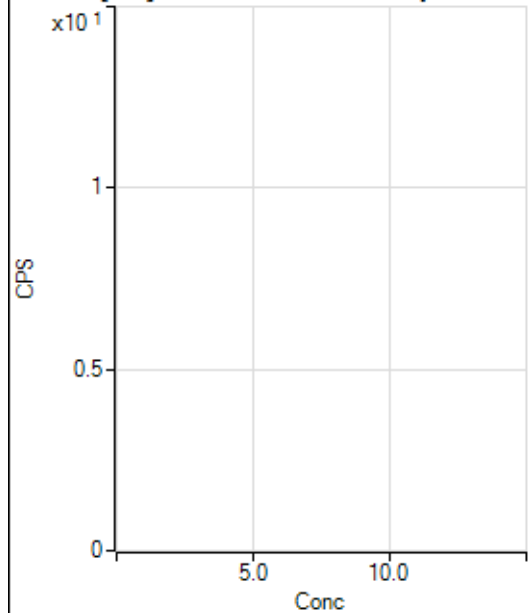
BEC = 0.01849

Weight: <None>

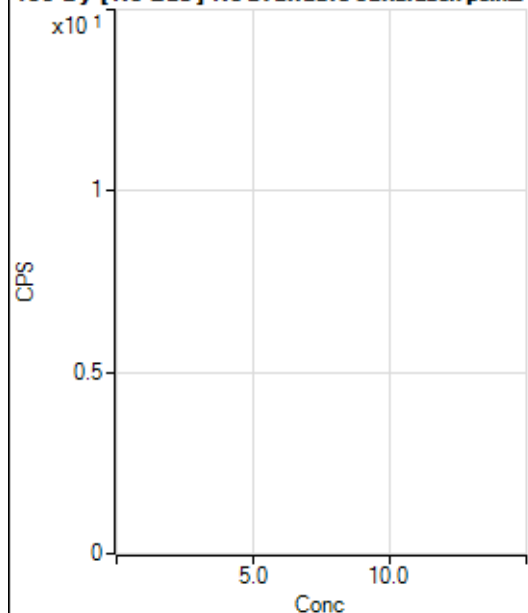
Min Conc: 0

150 Nd [No Gas] No available calibration points

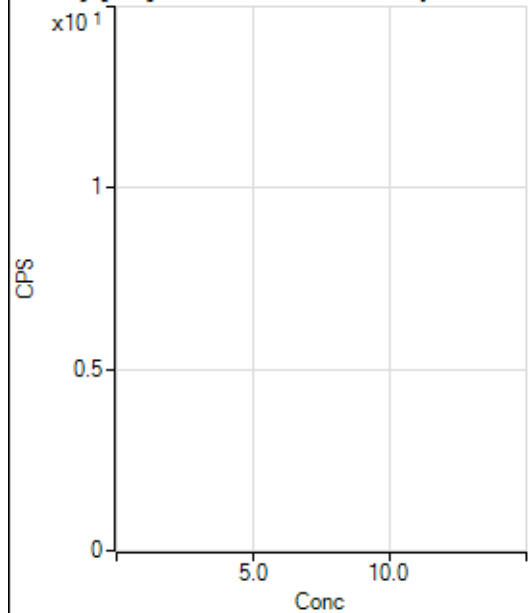
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	25.0
2	☐			1.11		P	173.
3	☐			11.11		P	45.8
4	☐			47.78		P	10.7
5	☐			118.89		P	13.8
6	☐			224.45		P	8.2
7	☐			458.90		P	7.6
8	☐			834.48		P	4.2
9	☐			224.45		P	3.1

150 Nd [He] No available calibration points

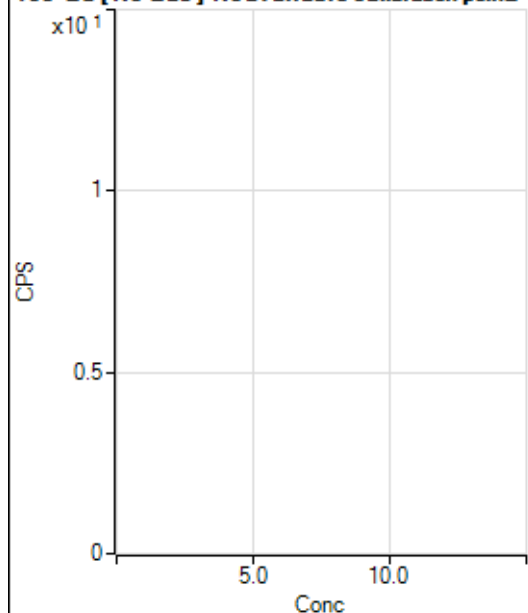
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			3.33		P	100.
3	☐			3.33		P	100.
4	☐			17.78		P	47.2
5	☐			33.33		P	26.4
6	☐			56.67		P	25.6
7	☐			112.23		P	12.4
8	☐			213.34		P	3.1
9	☐			131.11		P	12.5

156 Dy [No Gas] No available calibration points

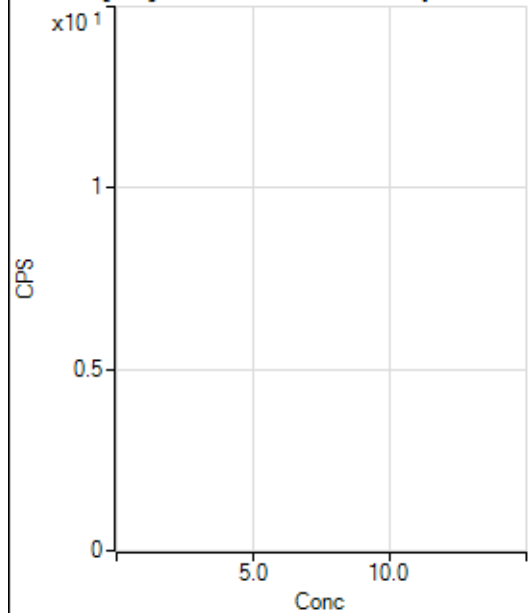
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	70.5
2	☐			4.44		P	114.
3	☐			21.11		P	9.1
4	☐			73.33		P	13.6
5	☐			171.11		P	11.7
6	☐			347.79		P	16.7
7	☐			676.69		P	5.2
8	☐			1236.73		P	7.5
9	☐			497.79		P	8.9

156 Dy [He] No available calibration points

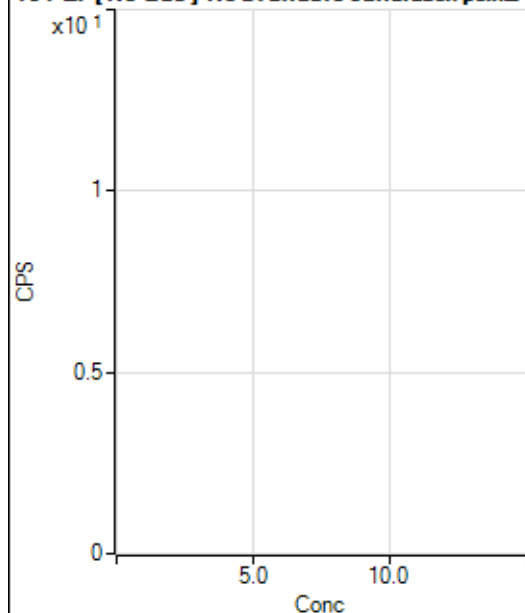
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			4.45		P	86.6
3	☐			14.44		P	13.4
4	☐			74.45		P	26.2
5	☐			160.01		P	14.4
6	☐			297.79		P	15.7
7	☐			571.13		P	7.2
8	☐			1122.28		P	4.5
9	☐			403.35		P	9.4

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

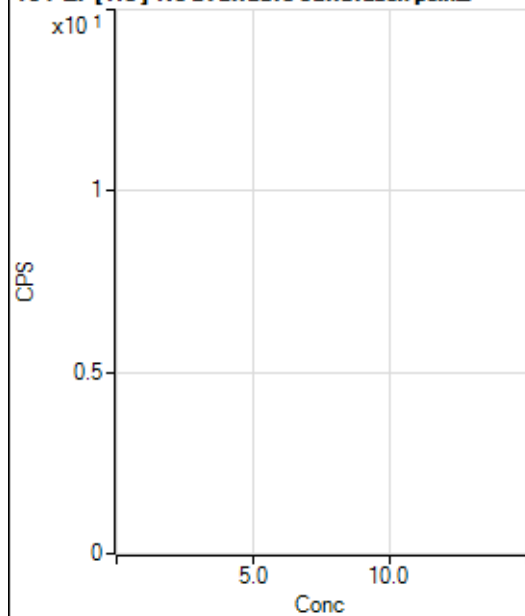
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			307.79		P	16.1
2	☐			324.45		P	11.3
3	☐			296.67		P	6.8
4	☐			284.45		P	9.1
5	☐			297.78		P	9.0
6	☐			292.23		P	3.7
7	☐			311.12		P	17.4
8	☐			401.12		P	12.9
9	☐			676.69		P	12.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			810.03		P	7.3
2	☐			881.15		P	9.2
3	☐			863.37		P	1.0
4	☐			872.26		P	1.3
5	☐			840.04		P	5.5
6	☐			801.14		P	4.1
7	☐			855.59		P	6.9
8	☐			950.04		P	1.3
9	☐			1066.72		P	6.1

164 Er [No Gas] No available calibration points

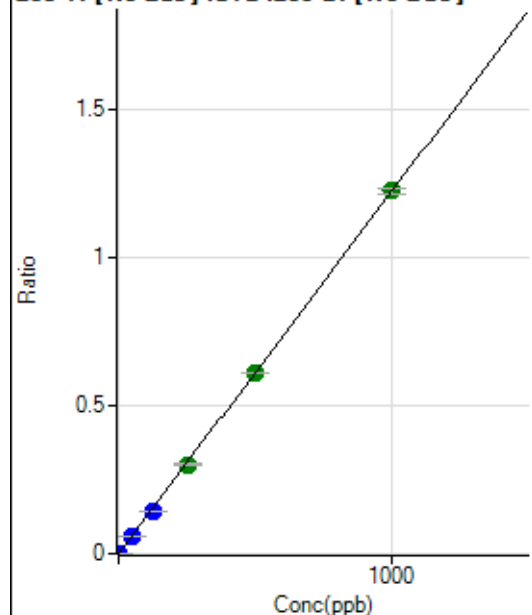
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			90.00		P	19.6
2	☐			88.89		P	9.4
3	☐			86.67		P	26.7
4	☐			101.11		P	19.9
5	☐			113.34		P	16.4
6	☐			126.67		P	14.7
7	☐			153.33		P	10.0
8	☐			226.67		P	15.4
9	☐			513.35		P	3.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	49.5
2	☐			53.33		P	65.8
3	☐			53.33		P	28.6
4	☐			54.45		P	49.1
5	☐			60.00		P	20.0
6	☐			73.33		P	35.5
7	☐			85.56		P	16.2
8	☐			145.56		P	21.3
9	☐			357.79		P	12.9

Calibration for 006CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	231.12	0.0000	P	11.9
2	☐	0.100	0.111	1621.22	0.0002	P	6.4
3	☐	1.000	1.008	12913.96	0.0013	P	0.8
4	☐	50.000	46.792	604018.38	0.0572	P	1.0
5	☐	125.000	117.061	1522208.04	0.1432	P	1.6
6	☐	250.000	246.039	3177763.22	0.3009	A	1.4
7	☐	500.000	499.377	6302733.31	0.6107	A	0.6
8	☐	1000.000	1002.455	12490579.26	1.2260	A	1.8
9	☐			2186.87	0.0002	P	14.9

$$y = 0.0012 * x + 2.2480E-005$$

$$R = 1.0000$$

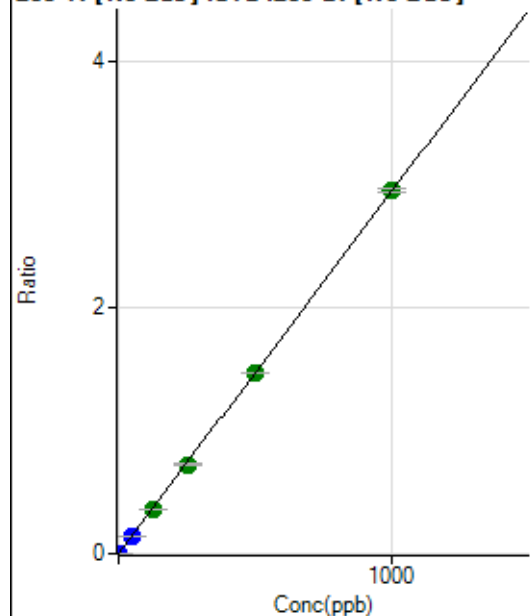
$$DL = 0.006551$$

$$BEC = 0.01838$$

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	617.80	0.0001	P	6.7
2	☐	0.100	0.107	3831.69	0.0004	P	3.6
3	☐	1.000	0.978	30187.91	0.0029	P	1.7
4	☐	50.000	46.267	1435458.71	0.1360	P	0.8
5	☐	125.000	121.779	3805665.43	0.3580	A	2.3
6	☐	250.000	246.252	7643936.76	0.7238	A	1.7
7	☐	500.000	498.991	15136124.64	1.4667	A	0.3
8	☐	1000.000	1002.031	30008153.44	2.9452	A	1.1
9	☐			5036.54	0.0006	P	9.6

$$y = 0.0029 * x + 6.0073E-005$$

$$R = 1.0000$$

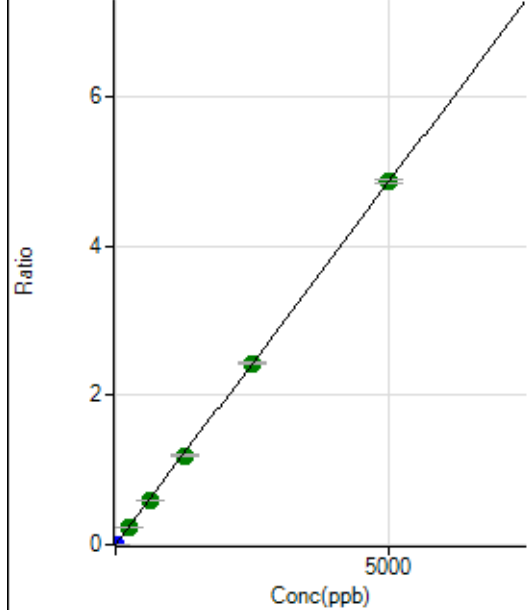
$$DL = 0.004099$$

$$BEC = 0.02044$$

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	383.35	0.0000	P	3.0
2	☐	0.100	0.116	1534.55	0.0002	P	1.6
3	☐	1.000	1.011	10487.45	0.0010	P	5.2
4	☐	250.000	245.328	2516430.09	0.2385	A	0.9
5	☐	625.000	610.717	6310901.09	0.5937	A	2.5
6	☐	1250.000	1230.551	12632009.67	1.1962	A	1.7
7	☐	2500.000	2501.751	25095737.96	2.4318	A	0.5
8	☐	5000.000	5006.006	49578737.04	4.8660	A	0.9
9	☐			15078.47	0.0017	P	3.6

$$y = 9.7202\text{E-}004 * x + 3.7249\text{E-}005$$

$$R = 1.0000$$

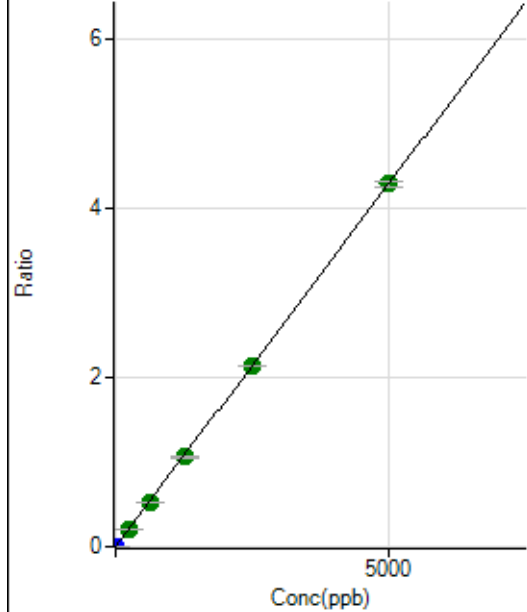
$$DL = 0.003418$$

$$BEC = 0.03832$$

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	398.90	0.0000	P	7.3
2	☐	0.100	0.106	1320.08	0.0001	P	9.5
3	☐	1.000	0.970	8929.67	0.0009	P	4.2
4	☐	250.000	244.692	2209599.62	0.2094	A	0.7
5	☐	625.000	614.025	5585753.25	0.5255	A	2.5
6	☐	1250.000	1239.612	11201952.89	1.0608	A	1.6
7	☐	2500.000	2503.011	22103253.28	2.1418	A	0.2
8	☐	5000.000	5002.729	43614658.24	4.2808	A	1.4
9	☐			13117.54	0.0015	P	6.9

$$y = 8.5568\text{E-}004 * x + 3.8739\text{E-}005$$

$$R = 1.0000$$

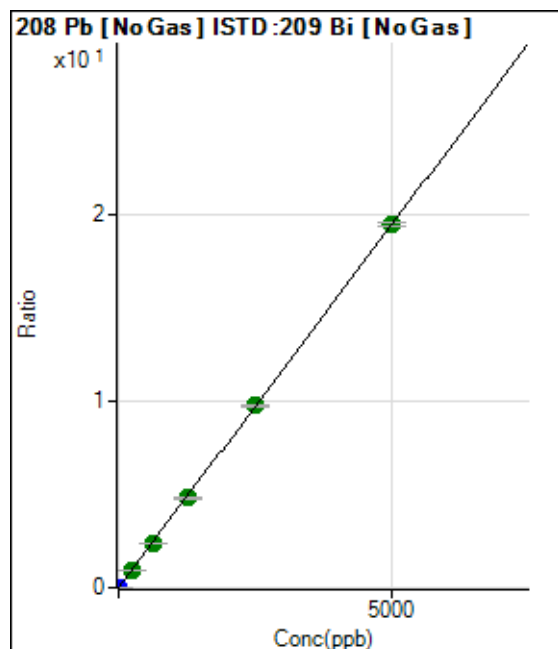
$$DL = 0.009909$$

$$BEC = 0.04527$$

Weight: <None>

Min Conc: 0

Calibration for 006CAL5.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1627.84	0.0002	P	1.8
2	☐	0.100	0.110	6000.59	0.0006	P	3.8
3	☐	1.000	1.003	41692.10	0.0041	P	2.8
4	☐	250.000	245.452	10066156.22	0.9540	A	0.9
5	☐	625.000	614.891	25404720.94	2.3898	A	2.2
6	☐	1250.000	1238.485	50828607.99	4.8132	A	1.6
7	☐	2500.000	2506.801	100537564.3	9.7422	A	0.3
8	☐	5000.000	5000.969	198019927.0	19.4351	A	1.0
9	☐			59660.26	0.0067	P	4.8

$$y = 0.0039 * x + 1.5822E-004$$

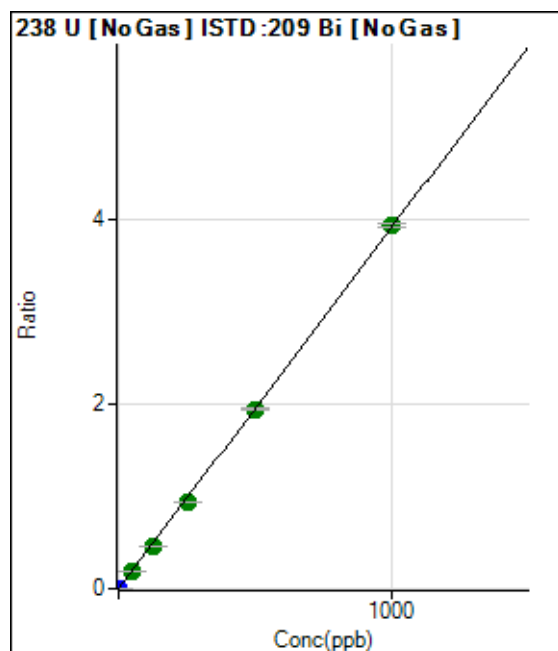
$$R = 1.0000$$

$$DL = 0.002223$$

$$BEC = 0.04071$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	155.56	0.0000	P	11.2
2	☐	0.100	0.096	4003.97	0.0004	P	0.4
3	☐	1.000	0.915	36993.56	0.0036	P	1.2
4	☐	50.000	46.277	1911691.88	0.1812	A	2.1
5	☐	125.000	117.678	4897626.59	0.4607	A	2.8
6	☐	250.000	239.795	9914276.10	0.9388	A	1.2
7	☐	500.000	497.258	20090727.48	1.9468	A	0.5
8	☐	1000.000	1005.024	40089773.57	3.9347	A	1.2
9	☐			4879.85	0.0005	P	13.2

$$y = 0.0039 * x + 1.5122E-005$$

$$R = 0.9999$$

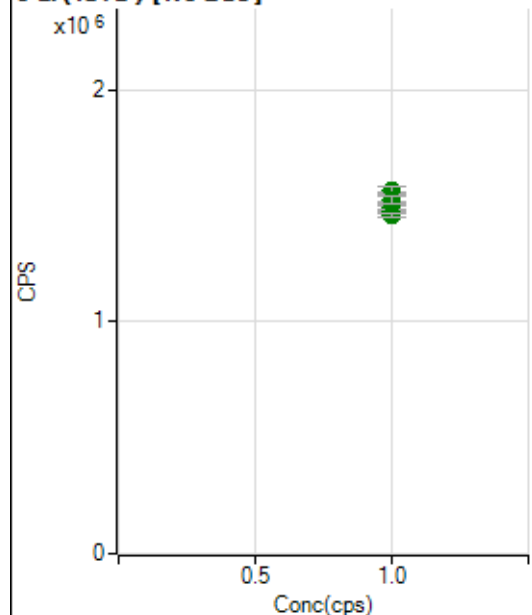
$$DL = 0.001293$$

$$BEC = 0.003863$$

Weight: <None>

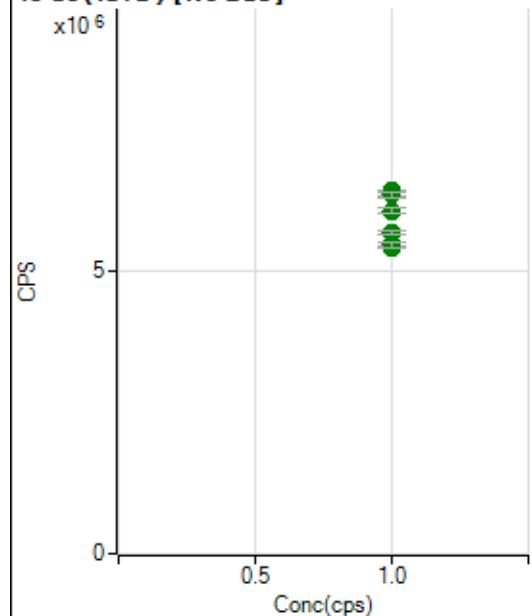
Min Conc: 0

6 Li (ISTD) [No Gas]

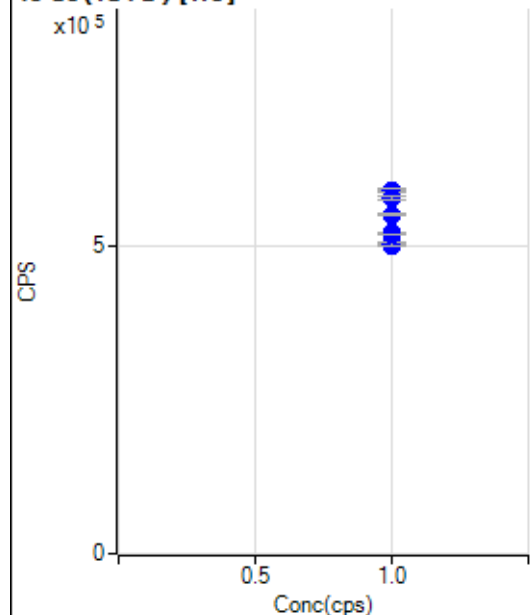


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1492006.61		A	0.9
2	☐	1.000		1476489.18		A	0.1
3	☐	1.000		1474017.62		A	0.7
4	☐	1.000		1516984.49		A	0.4
5	☐	1.000		1548208.68		A	0.5
6	☐	1.000		1552622.88		A	0.2
7	☐	1.000		1562776.14		A	2.2
8	☐	1.000		1523995.03		A	2.3
9	☐	1.000		1460464.60		A	1.2

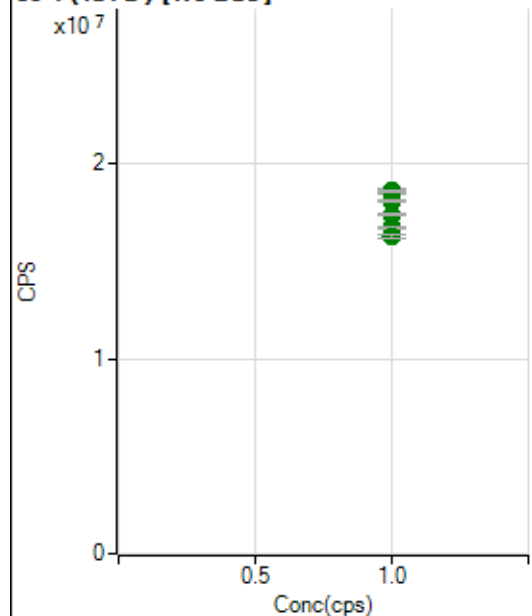
45 Sc (ISTD) [No Gas]



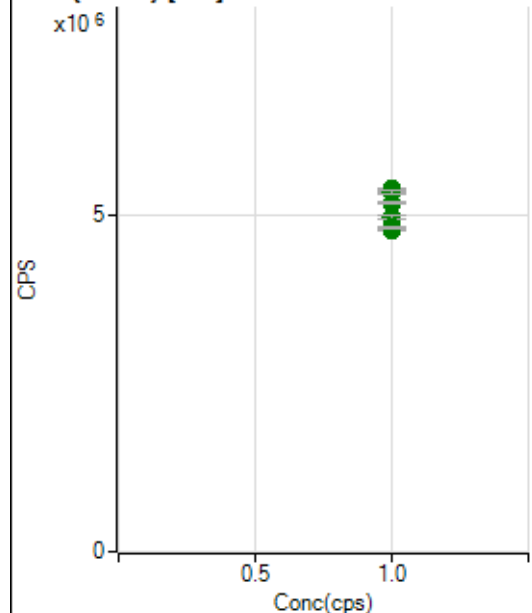
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6347753.17		A	1.4
2	☐	1.000		6338079.07		A	1.4
3	☐	1.000		6400011.57		A	0.8
4	☐	1.000		6330109.63		A	1.6
5	☐	1.000		6053683.52		A	1.4
6	☐	1.000		5662095.05		A	1.2
7	☐	1.000		5425678.88		A	0.2
8	☐	1.000		5401864.47		A	0.5
9	☐	1.000		5452394.19		A	2.0

45 Sc (ISTD) [He]

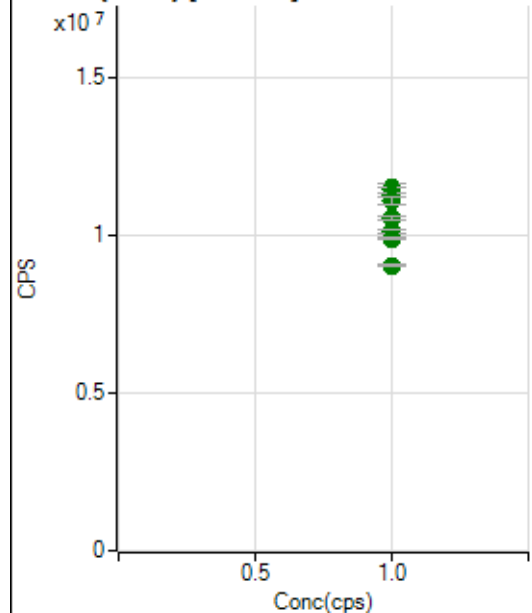
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		589362.43		P	0.5
2	☐	1.000		590135.48		P	0.5
3	☐	1.000		591337.59		P	1.1
4	☐	1.000		580170.98		P	0.7
5	☐	1.000		551733.76		P	0.6
6	☐	1.000		522220.90		P	0.2
7	☐	1.000		502695.61		P	0.2
8	☐	1.000		504719.92		P	0.9
9	☐	1.000		520875.24		P	0.2

89 Y (ISTD) [No Gas]

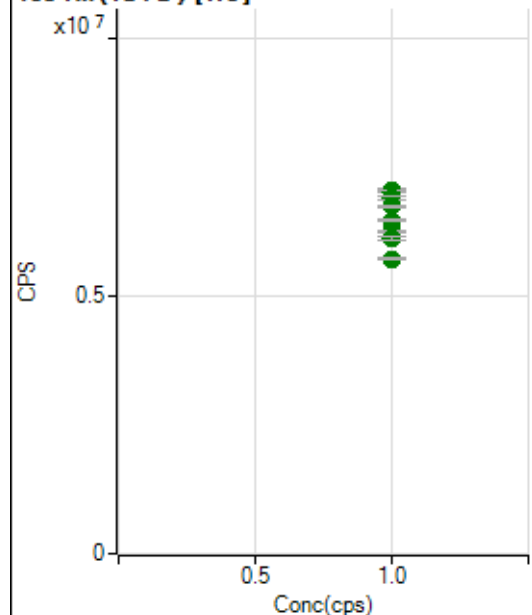
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18606205.83		A	1.2
2	☐	1.000		18518240.14		A	1.2
3	☐	1.000		18541503.33		A	0.9
4	☐	1.000		18582290.97		A	0.9
5	☐	1.000		18088639.18		A	0.7
6	☐	1.000		17370519.74		A	0.6
7	☐	1.000		16716141.00		A	0.8
8	☐	1.000		16708028.36		A	0.5
9	☐	1.000		16271770.32		A	0.7

89 Y (ISTD) [He]

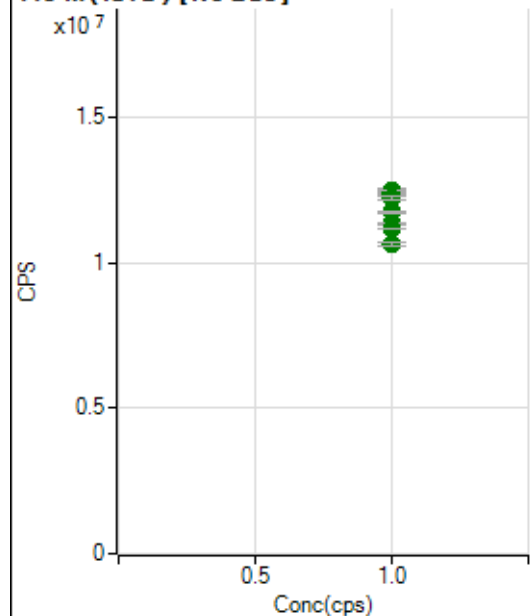
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5376491.90		A	1.4
2	☐	1.000		5365276.03		A	0.1
3	☐	1.000		5391777.73		A	0.9
4	☐	1.000		5344914.85		A	0.9
5	☐	1.000		5183133.81		A	0.4
6	☐	1.000		4983412.63		A	1.2
7	☐	1.000		4796032.04		A	0.6
8	☐	1.000		4786864.89		A	0.8
9	☐	1.000		4822479.30		A	0.5

103 Rh (ISTD) [No Gas]

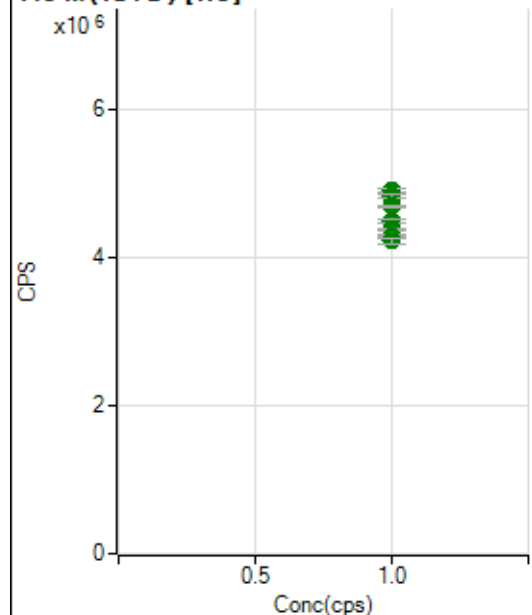
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11514947.05		A	2.6
2	☐	1.000		11446948.58		A	1.2
3	☐	1.000		11446626.77		A	1.4
4	☐	1.000		11297868.72		A	1.0
5	☐	1.000		11118786.78		A	2.1
6	☐	1.000		10532772.20		A	1.1
7	☐	1.000		10107879.02		A	1.2
8	☐	1.000		9888899.92		A	0.6
9	☐	1.000		9058693.89		A	1.0

103 Rh (ISTD) [He]

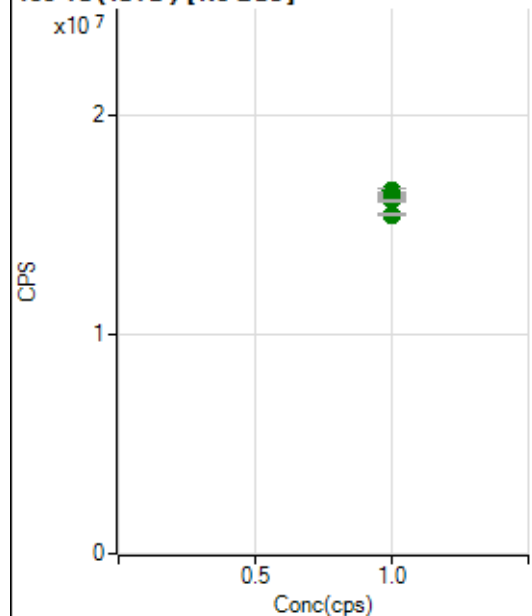
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7024164.13		A	0.3
2	☐	1.000		7039147.47		A	0.9
3	☐	1.000		7001712.26		A	1.6
4	☐	1.000		6903150.24		A	1.2
5	☐	1.000		6743637.05		A	0.4
6	☐	1.000		6469513.93		A	0.7
7	☐	1.000		6250183.94		A	0.6
8	☐	1.000		6122813.10		A	1.1
9	☐	1.000		5719874.64		A	0.6

115 In (ISTD) [No Gas]

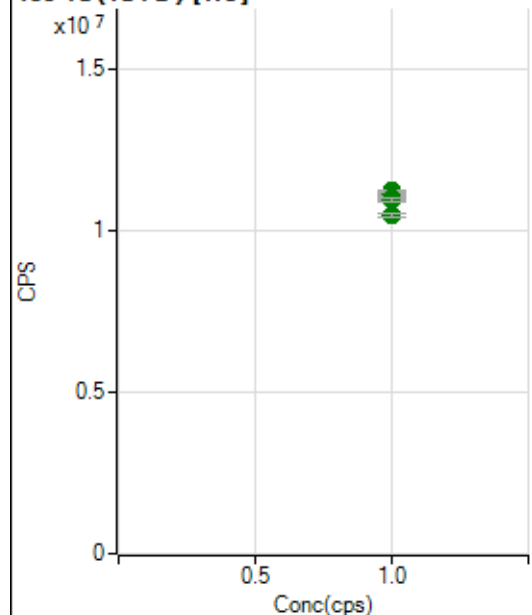
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12494457.56		A	1.0
2	☐	1.000		12463773.25		A	1.8
3	☐	1.000		12440380.30		A	0.7
4	☐	1.000		12414448.62		A	1.1
5	☐	1.000		12258374.66		A	1.5
6	☐	1.000		11777585.19		A	0.5
7	☐	1.000		11367479.51		A	0.5
8	☐	1.000		11173093.91		A	0.1
9	☐	1.000		10648683.90		A	1.2

115 In (ISTD) [He]

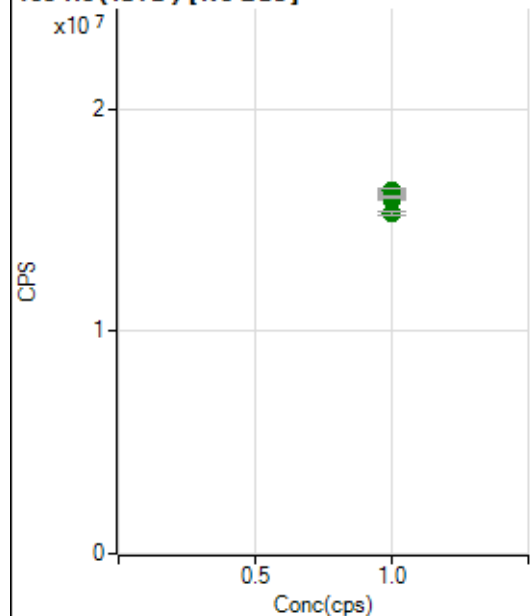
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4866853.13		A	0.3
2	☐	1.000		4870940.03		A	0.8
3	☐	1.000		4903695.87		A	1.1
4	☐	1.000		4842259.91		A	1.0
5	☐	1.000		4697980.00		A	0.8
6	☐	1.000		4498049.74		A	1.0
7	☐	1.000		4379873.56		A	1.0
8	☐	1.000		4298765.10		A	0.3
9	☐	1.000		4226812.00		A	1.5

159 Tb (ISTD) [No Gas]

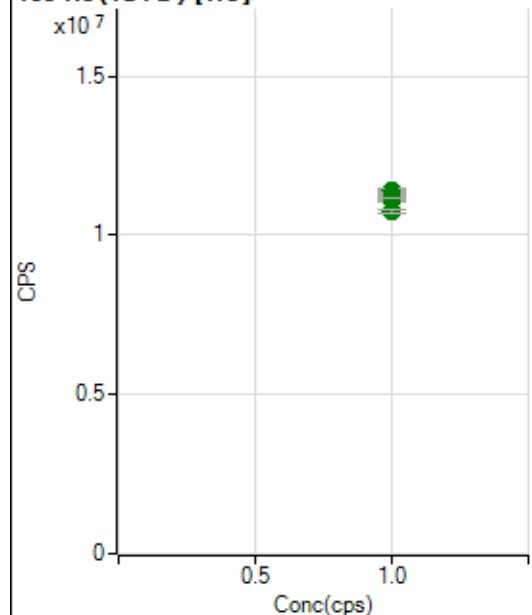
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16418996.70		A	0.8
2	☐	1.000		16209670.59		A	1.3
3	☐	1.000		16363704.75		A	1.1
4	☐	1.000		16546373.50		A	1.1
5	☐	1.000		16540871.97		A	1.1
6	☐	1.000		16411661.15		A	0.4
7	☐	1.000		16243675.73		A	0.5
8	☐	1.000		16111128.79		A	0.6
9	☐	1.000		15470407.55		A	0.3

159 Tb (ISTD) [He]

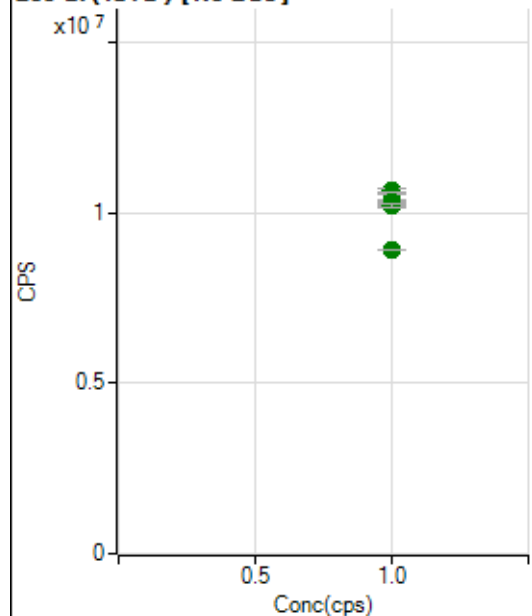
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11191874.28		A	1.2
2	☐	1.000		11136381.92		A	0.5
3	☐	1.000		11126705.46		A	1.9
4	☐	1.000		11141339.00		A	0.6
5	☐	1.000		11241370.39		A	0.3
6	☐	1.000		11004198.17		A	0.8
7	☐	1.000		10943804.84		A	0.3
8	☐	1.000		10979018.03		A	0.9
9	☐	1.000		10487273.59		A	0.7

165 Ho (ISTD) [No Gas]

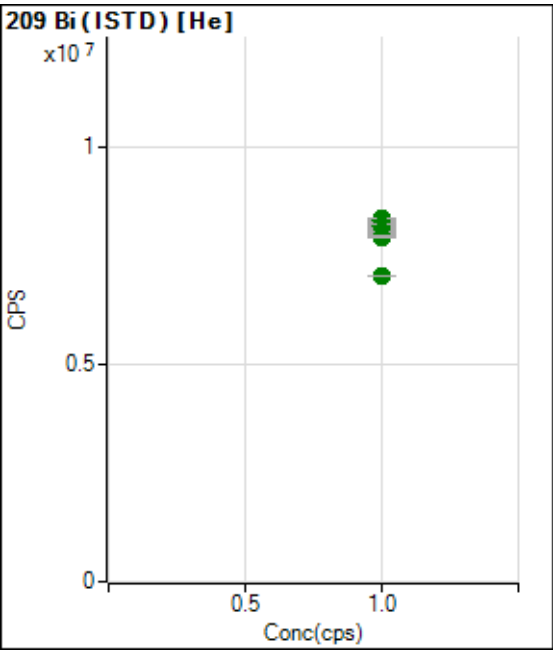
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16196375.73		A	1.7
2	☐	1.000		16001634.34		A	0.9
3	☐	1.000		16064097.54		A	0.5
4	☐	1.000		16226336.42		A	0.4
5	☐	1.000		16314991.98		A	1.6
6	☐	1.000		16025050.04		A	0.8
7	☐	1.000		15933014.07		A	0.4
8	☐	1.000		16024446.43		A	0.3
9	☐	1.000		15284973.52		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11173408.72		A	0.2
2	☐	1.000		11205358.03		A	0.8
3	☐	1.000		11254794.83		A	1.1
4	☐	1.000		11372432.75		A	0.5
5	☐	1.000		11395893.02		A	0.9
6	☐	1.000		11284380.81		A	0.6
7	☐	1.000		11085655.53		A	0.5
8	☐	1.000		11183766.22		A	0.2
9	☐	1.000		10731699.91		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10290021.58		A	1.8
2	☐	1.000		10224685.68		A	1.1
3	☐	1.000		10283639.22		A	0.3
4	☐	1.000		10551309.29		A	0.5
5	☐	1.000		10632482.83		A	1.2
6	☐	1.000		10560646.86		A	0.5
7	☐	1.000		10319831.10		A	0.2
8	☐	1.000		10189652.28		A	1.3
9	☐	1.000		8890227.16		A	0.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1		1.000		8152573.56		A	0.7
2		1.000		8196278.91		A	0.6
3		1.000		8207704.60		A	0.5
4		1.000		8353596.75		A	0.9
5		1.000		8320942.66		A	1.5
6		1.000		8198873.35		A	0.8
7		1.000		8041173.91		A	0.6
8		1.000		7929607.73		A	0.5
9		1.000		7046499.13		A	0.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7010325MS-4.b
Acq. Date-Time 2025-01-03 19:10:40
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		8091	80913.08			0.360	5.000
24		55046	550457.22			0.182	5.000
25		7252	72516.16			0.306	5.000
26		8321	83211.40			0.150	5.000
59		94324	943236.56			0.608	5.000
113		14039	140392.18			0.339	5.000
115		175275	1752754.77			0.667	5.000
206		41371	413711.22			0.599	5.000
207		36499	364988.62			0.844	5.000
208		90945	909450.39			0.769	5.000
220		0	2.00			61.237	

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

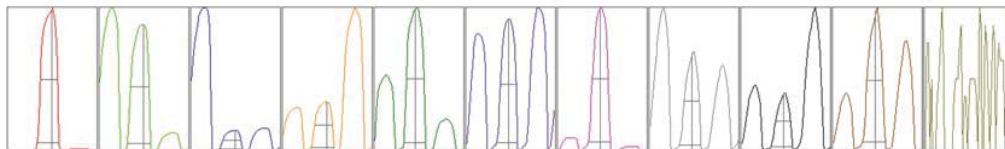
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8127	8084	8087	8108	8050
24	54993	55160	55072	55102	54902
25	7273	7215	7264	7250	7256
26	8303	8317	8321	8335	8329
59	94000	94912	93763	94974	93969
113	14042	13990	14067	14102	13995
115	175636	173391	175147	175650	176554
206	41545	41171	41257	41718	41165
207	36617	36199	36547	36929	36202
208	90206	90471	91506	90699	91844

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	14509.45	9.00	8.90 - 9.10	
24	92024.30	24.00	23.90 - 24.10	
25	12174.60	25.00	24.90 - 25.10	
26	13854.34	26.00	25.90 - 26.10	
59	165158.49	58.90	58.90 - 59.10	
113	27338.15	112.95	112.90 - 113.10	
115	343031.85	114.95	114.90 - 115.10	
206	84634.75	205.95	205.90 - 206.10	
207	74250.40	206.95	206.90 - 207.10	
208	182267.57	207.95	207.90 - 208.10	
220	0.00	220.45	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.732	0.900	
24	0.63	0.779	0.900	
25	0.62	0.762	0.900	
26	0.62	0.759	0.900	
59	0.60	0.737	0.900	
113	0.52	0.707	0.900	
115	0.52	0.749	0.900	
206	0.50	0.727	0.900	
207	0.50	0.729	0.900	
208	0.52	0.770	0.900	
220	0.18	0.175		

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	9.2 V	Deflect	14.6 V
Extract 2	-145.0 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	160 V		

QP Parameters

Mass Gain	139	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.09		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	0.4 mm
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EM

Discriminator	4.8 mV	Analog HV	2274 V	Pulse HV	1068 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		32509	325088.61			0.159	
89		39222	392220.48			0.403	
205		42268	422684.33			0.905	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	32472	32596	32493	32471	32513
89	39422	39338	39206	39047	39098
205	42842	42242	42140	41783	42336

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	8.9 V	Deflect	2.8 V
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US EPA Tune Check Report

Extract 2	-140.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-70 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	0.9976	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.09		
Hardware Settings					
Torch					
Torch H	0.4 mm	Torch V	0.4 mm		
EM					
Discriminator	4.8 mV	Analog HV	2274 V	Pulse HV	1068 V

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:44:22 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	-0.03	-0.07	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.01	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	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.09	0.08	0.00	N/A	ppb
Cadmium	106-1	-1.06	-4.39	5.45	0.00	N/A	ppb
Cadmium	111-1	0.00	0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	1.67	-1.82	0.15	0.00	N/A	ppb
Calcium	44-1	0.27	-1.34	1.07	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	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.04	0.03	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	0.03	0.02	-0.05	0.00	N/A	ppb
Iron	57-2	-0.15	0.08	0.07	0.00	N/A	ppb
Iron	54-2	0.00	0.23	-0.22	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:44:22 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.21	-0.17	-0.04	0.00	N/A	ppb
Manganese	55-2	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.02	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-6.08	-7.08	-19.05	-10.74		ppb
Potassium	39-2	-1.27	0.36	0.91	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.12	0.10	0.02	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.02	0.59	-0.57	0.00	N/A	ppb
Silicon	28-1	-0.45	1.67	-1.22	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	0.95	-0.09	-0.86	0.00	N/A	ppb
Strontium	86-1	-0.06	0.12	-0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	N/A	ppb
Sulfur	34-1	50.80	129.48	-47.55	44.24	200.47	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 : LB134159 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:44:22 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	-0.04	0.02	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 : LB134159 Operator : Jaswal
Lab Sample ID : S01 Instrumnet Name : P7
Client Sample ID : S01 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:47:36 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.40	2.16	2.20	2.25	5.67	ppb
Antimony	121-1	0.22	0.21	0.21	0.22	2.99	ppb
Arsenic	75-2	0.13	0.14	0.11	0.13	10.94	ppb
Barium	135-1	1.03	1.11	1.15	1.10	5.50	ppb
Barium	137-1	1.05	1.11	1.11	1.09	3.11	ppb
Beryllium	9-1	0.11	0.12	0.11	0.11	6.09	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.10	-0.04	0.12	147.32	ppb
Cadmium	106-1	0.68	2.28	2.98	1.98	59.52	ppb
Cadmium	111-1	Rejected	Rejected	Rejected			ppb
Calcium	43-1	55.34	52.84	58.91	55.70	5.48	ppb
Calcium	44-1	55.69	58.68	59.83	58.07	3.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.20	0.23	0.21	7.75	ppb
Cobalt	59-2	0.11	0.11	0.12	0.11	1.59	ppb
Copper	63-2	0.22	0.20	0.27	0.23	15.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	5.84	6.09	5.92	5.95	2.16	ppb
Iron	57-2	8.24	7.07	8.12	7.81	8.21	ppb
Iron	54-2	6.99	7.16	5.42	6.52	14.73	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S01 Instrumnet Name : P7
Client Sample ID : S01 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:47:36 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.12	0.11	0.12	0.12	2.15	ppb
Lead	207-1	0.12	0.09	0.11	0.11	13.58	ppb
Lead	208-1	0.11	0.10	0.11	0.11	5.17	ppb
Lithium	6-1				99		%
Magnesium	24-2	53.60	54.32	53.81	53.91	0.69	ppb
Manganese	55-2	Rejected	Rejected	Rejected			ppb
Molybdenum	94-1	0.63	0.56	0.68	0.62	9.25	ppb
Molybdenum	95-1	0.54	0.54	0.55	0.54	1.40	ppb
Molybdenum	96-1	0.55	0.54	0.58	0.55	3.50	ppb
Molybdenum	97-1	0.49	0.54	0.55	0.53	6.22	ppb
Molybdenum	98-1	0.50	0.55	0.57	0.54	6.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	Rejected	Rejected	Rejected			ppb
Phosphorus	31-2	-11.73	-14.43	-12.32	-12.83		ppb
Potassium	39-2	56.09	55.17	55.57	55.61	0.83	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	Rejected	Rejected	Rejected			ppb
Selenium	77-2	0.52	0.35	0.52	0.46	21.59	ppb
Selenium	78-2	1.22	0.19	0.19	0.53	111.19	ppb
Silicon	28-1	2.06	-0.09	3.54	1.84	99.33	ppb
Silver	107-1	0.11	0.11	0.12	0.11	6.26	ppb
Silver	109-1	0.11	0.12	0.12	0.12	3.39	ppb
Sodium	23-2	51.30	50.79	51.04	51.04	0.50	ppb
Strontium	86-1	1.85	2.29	2.00	2.05	10.81	ppb
Strontium	88-1	2.74	2.67	2.66	2.69	1.67	ppb
Sulfur	34-1	-126.83	73.42	-18.36	-23.92		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.10	0.12	0.11	7.45	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	4.29	ppb
Tin	118-1	0.53	0.58	0.56	0.55	4.64	ppb
Titanium	47-1	0.54	0.59	0.54	0.56	5.19	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S01 Instrumnet Name : P7
Client Sample ID : S01 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:47:36 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.10	0.10	0.10	0.37	ppb
Vanadium	51-2	0.53	0.52	0.51	0.52	1.28	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	Rejected	Rejected	Rejected			ppb
Zirconium	90-1	0.10	0.10	0.12	0.11	9.52	ppb
Zirconium	91-1	0.10	0.09	0.08	0.09	8.03	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:50:53 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.89	19.58	20.45	19.64	3.98	ppb
Antimony	121-1	2.14	2.25	2.22	2.20	2.56	ppb
Arsenic	75-2	1.30	1.11	1.07	1.16	10.88	ppb
Barium	135-1	10.82	11.03	10.70	10.85	1.50	ppb
Barium	137-1	10.53	10.91	10.85	10.76	1.93	ppb
Beryllium	9-1	1.07	1.21	1.13	1.13	6.35	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.13	0.99	0.95	1.02	9.28	ppb
Cadmium	106-1	3.90	-1.87	-1.06	0.32	969.11	ppb
Cadmium	111-1	1.18	1.24	1.25	1.22	2.93	ppb
Calcium	43-1	540.51	559.38	550.13	550.01	1.72	ppb
Calcium	44-1	542.20	556.58	553.15	550.64	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.17	2.21	2.12	2.17	2.05	ppb
Cobalt	59-2	1.10	1.12	1.15	1.12	2.06	ppb
Copper	63-2	2.07	2.06	2.12	2.08	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	56.77	57.52	57.71	57.33	0.87	ppb
Iron	57-2	61.15	62.99	65.06	63.07	3.10	ppb
Iron	54-2	57.39	58.40	59.20	58.33	1.56	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:50:53 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.95	1.02	1.06	1.01	5.40	ppb
Lead	207-1	0.92	1.01	0.98	0.97	4.43	ppb
Lead	208-1	0.97	1.02	1.02	1.00	2.93	ppb
Lithium	6-1				99		%
Magnesium	24-2	538.63	540.15	547.84	542.21	0.91	ppb
Manganese	55-2	1.04	1.05	1.15	1.08	6.05	ppb
Molybdenum	94-1	5.96	6.10	6.11	6.06	1.42	ppb
Molybdenum	95-1	5.00	5.14	5.14	5.09	1.61	ppb
Molybdenum	96-1	5.15	5.23	5.36	5.25	2.08	ppb
Molybdenum	97-1	5.07	5.37	5.19	5.21	2.85	ppb
Molybdenum	98-1	5.09	5.23	5.16	5.16	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.11	1.15	1.11	3.33	ppb
Phosphorus	31-2	22.32	30.63	17.74	23.56	27.74	ppb
Potassium	39-2	541.50	543.17	560.28	548.32	1.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.73	6.14	6.42	6.10	5.71	ppb
Selenium	77-2	6.55	4.47	5.94	5.65	18.89	ppb
Selenium	78-2	4.82	7.77	6.33	6.31	23.45	ppb
Silicon	28-1	1.58	4.27	2.49	2.78	49.16	ppb
Silver	107-1	1.09	1.13	1.15	1.12	2.76	ppb
Silver	109-1	1.07	1.13	1.13	1.11	2.96	ppb
Sodium	23-2	507.01	505.57	516.46	509.68	1.16	ppb
Strontium	86-1	27.27	25.33	26.73	26.44	3.78	ppb
Strontium	88-1	26.17	26.06	26.46	26.23	0.77	ppb
Sulfur	34-1	-34.64	19.53	-45.86	-20.32		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	1.01	1.00	1.02	1.01	0.79	ppb
Thallium	205-1	0.97	1.00	0.97	0.98	1.69	ppb
Tin	118-1	5.43	5.69	5.60	5.58	2.40	ppb
Titanium	47-1	5.19	5.19	5.21	5.20	0.23	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:50:53 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.93	0.92	0.91	1.24	ppb
Vanadium	51-2	5.26	5.30	5.34	5.30	0.70	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	5.43	5.35	5.59	5.46	2.30	ppb
Zirconium	90-1	1.01	1.05	1.06	1.04	2.66	ppb
Zirconium	91-1	0.99	1.08	1.01	1.03	4.67	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:54:07 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	938.62	944.19	931.74	938.18	0.66	ppb
Antimony	121-1	50.04	51.46	50.92	50.81	1.40	ppb
Arsenic	75-2	51.17	50.78	51.26	51.07	0.50	ppb
Barium	135-1	246.37	253.61	251.43	250.47	1.48	ppb
Barium	137-1	246.37	254.21	251.36	250.65	1.58	ppb
Beryllium	9-1	53.34	53.39	53.16	53.30	0.23	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	52.75	55.13	55.18	54.35	2.55	ppb
Cadmium	106-1	52.45	53.45	50.52	52.14	2.85	ppb
Cadmium	111-1	52.97	54.22	53.61	53.60	1.17	ppb
Calcium	43-1	5056.66	5259.05	5087.94	5134.55	2.12	ppb
Calcium	44-1	4955.98	4998.69	4953.59	4969.42	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.35	50.17	49.09	49.54	1.14	ppb
Cobalt	59-2	49.79	50.54	50.08	50.14	0.75	ppb
Copper	63-2	513.32	516.58	523.95	517.95	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				102		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	2592.88	2614.25	2576.76	2594.63	0.72	ppb
Iron	57-2	2609.43	2640.99	2618.07	2622.83	0.62	ppb
Iron	54-2	2689.55	2711.73	2681.49	2694.26	0.58	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:54:07 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	243.74	244.35	247.89	245.33	0.91	ppb
Lead	207-1	242.68	245.32	246.07	244.69	0.73	ppb
Lead	208-1	243.42	245.29	247.64	245.45	0.86	ppb
Lithium	6-1				102		%
Magnesium	24-2	4965.05	4912.77	4886.71	4921.51	0.81	ppb
Manganese	55-2	492.90	495.28	493.07	493.75	0.27	ppb
Molybdenum	94-1	489.31	502.14	493.23	494.89	1.33	ppb
Molybdenum	95-1	493.23	492.69	496.53	494.15	0.42	ppb
Molybdenum	96-1	491.55	493.68	492.82	492.68	0.22	ppb
Molybdenum	97-1	491.79	496.56	497.39	495.24	0.61	ppb
Molybdenum	98-1	492.14	495.44	493.62	493.73	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.70	51.11	50.45	50.76	0.66	ppb
Phosphorus	31-2	1025.25	1028.31	1029.57	1027.71	0.22	ppb
Potassium	39-2	2564.66	2524.21	2538.66	2542.51	0.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	51.75	50.96	53.19	51.97	2.18	ppb
Selenium	77-2	56.14	52.29	55.42	54.62	3.75	ppb
Selenium	78-2	49.44	52.15	51.80	51.13	2.89	ppb
Silicon	28-1	42.85	46.20	45.17	44.74	3.83	ppb
Silver	107-1	53.95	55.61	55.28	54.94	1.60	ppb
Silver	109-1	53.20	55.14	54.65	54.33	1.85	ppb
Sodium	23-2	4992.33	5013.89	4977.59	4994.60	0.37	ppb
Strontium	86-1	1202.98	1224.45	1232.17	1219.87	1.24	ppb
Strontium	88-1	1228.12	1248.14	1231.94	1236.07	0.86	ppb
Sulfur	34-1	910.79	995.06	1036.12	980.66	6.52	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	46.40	46.66	47.32	46.79	1.01	ppb
Thallium	205-1	46.02	46.07	46.71	46.27	0.83	ppb
Tin	118-1	50.77	51.96	51.69	51.48	1.21	ppb
Titanium	47-1	483.77	496.15	495.78	491.90	1.43	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:54:07 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	45.50	45.99	47.34	46.28	2.06	ppb
Vanadium	51-2	48.14	48.95	49.15	48.75	1.09	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	498.61	507.35	497.96	501.30	1.05	ppb
Zirconium	90-1	48.06	48.49	48.66	48.40	0.64	ppb
Zirconium	91-1	48.44	49.23	48.86	48.84	0.81	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:57:08 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2371.93	2340.84	2347.92	2353.57	0.69	ppb
Antimony	121-1	124.83	127.26	126.41	126.17	0.98	ppb
Arsenic	75-2	127.08	129.41	125.47	127.32	1.56	ppb
Barium	135-1	636.63	643.44	645.00	641.69	0.69	ppb
Barium	137-1	633.91	652.10	644.05	643.35	1.42	ppb
Beryllium	9-1	131.05	132.30	131.56	131.64	0.48	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	134.16	133.79	132.35	133.43	0.71	ppb
Cadmium	106-1	124.78	127.89	125.82	126.16	1.25	ppb
Cadmium	111-1	130.25	133.63	135.13	133.01	1.88	ppb
Calcium	43-1	12756.14	12932.95	13086.75	12925.28	1.28	ppb
Calcium	44-1	12214.49	12578.23	12503.68	12432.13	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.26	124.85	125.09	124.73	0.34	ppb
Cobalt	59-2	125.63	126.67	127.03	126.44	0.57	ppb
Copper	63-2	1307.80	1287.57	1295.32	1296.90	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				101		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	6579.78	6567.64	6564.18	6570.53	0.12	ppb
Iron	57-2	6627.85	6622.65	6652.97	6634.49	0.24	ppb
Iron	54-2	6708.89	6608.93	6636.62	6651.48	0.78	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:57:08 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	593.45	621.70	616.99	610.72	2.48	ppb
Lead	207-1	596.96	625.50	619.61	614.03	2.45	ppb
Lead	208-1	599.11	622.83	622.73	614.89	2.22	ppb
Lithium	6-1				104		%
Magnesium	24-2	12445.33	12407.08	12539.84	12464.08	0.55	ppb
Manganese	55-2	1245.49	1249.42	1258.89	1251.27	0.55	ppb
Molybdenum	94-1	1237.76	1245.73	1236.61	1240.04	0.40	ppb
Molybdenum	95-1	1230.56	1244.68	1243.54	1239.59	0.63	ppb
Molybdenum	96-1	1221.53	1248.73	1239.66	1236.64	1.12	ppb
Molybdenum	97-1	1236.75	1255.17	1252.28	1248.06	0.79	ppb
Molybdenum	98-1	1225.52	1249.34	1236.63	1237.16	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.72	127.91	128.19	127.61	0.61	ppb
Phosphorus	31-2	2593.66	2658.76	2557.55	2603.33	1.97	ppb
Potassium	39-2	6321.73	6331.80	6326.09	6326.54	0.08	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	130.12	131.21	131.06	130.80	0.45	ppb
Selenium	77-2	130.57	129.54	136.34	132.15	2.78	ppb
Selenium	78-2	133.71	129.51	128.28	130.50	2.18	ppb
Silicon	28-1	111.01	113.13	111.87	112.00	0.95	ppb
Silver	107-1	133.20	136.66	135.41	135.09	1.30	ppb
Silver	109-1	132.16	136.38	134.98	134.51	1.60	ppb
Sodium	23-2	12542.54	12839.19	12819.62	12733.78	1.30	ppb
Strontium	86-1	3039.29	3081.02	3110.07	3076.79	1.16	ppb
Strontium	88-1	3083.81	3118.84	3170.34	3124.33	1.39	ppb
Sulfur	34-1	2453.59	2468.98	2559.06	2493.88	2.28	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	114.91	118.25	118.02	117.06	1.59	ppb
Thallium	205-1	118.55	123.69	123.09	121.78	2.31	ppb
Tin	118-1	124.46	127.94	126.98	126.46	1.42	ppb
Titanium	47-1	1243.24	1251.84	1256.38	1250.49	0.53	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:57:08 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	114.10	120.50	118.44	117.68	2.78	ppb
Vanadium	51-2	122.80	122.41	122.95	122.72	0.23	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	1267.50	1271.50	1281.88	1273.63	0.58	ppb
Zirconium	90-1	122.82	125.73	124.01	124.19	1.18	ppb
Zirconium	91-1	122.08	122.49	123.44	122.67	0.57	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:59:58 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4675.85	4712.28	4685.63	4691.25	0.40	ppb
Antimony	121-1	250.22	256.95	256.49	254.56	1.48	ppb
Arsenic	75-2	248.47	250.25	253.76	250.83	1.07	ppb
Barium	135-1	1240.82	1283.26	1280.72	1268.26	1.88	ppb
Barium	137-1	1241.44	1273.74	1245.54	1253.57	1.40	ppb
Beryllium	9-1	249.03	254.11	255.51	252.88	1.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	253.44	262.74	258.89	258.36	1.81	ppb
Cadmium	106-1	241.06	249.29	244.92	245.09	1.68	ppb
Cadmium	111-1	253.19	260.52	257.30	257.01	1.43	ppb
Calcium	43-1	25563.83	26521.80	26344.21	26143.28	1.95	ppb
Calcium	44-1	24763.80	25569.38	25297.15	25210.11	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	248.35	248.68	246.76	247.93	0.41	ppb
Cobalt	59-2	253.70	254.17	255.05	254.31	0.27	ppb
Copper	63-2	2597.67	2595.20	2549.71	2580.86	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				99		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	13189.05	13107.09	13149.76	13148.63	0.31	ppb
Iron	57-2	13230.32	13245.09	13271.50	13248.97	0.16	ppb
Iron	54-2	13482.55	13423.78	13291.23	13399.19	0.73	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:59:58 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1206.82	1237.43	1247.40	1230.55	1.72	ppb
Lead	207-1	1216.02	1251.56	1251.26	1239.61	1.65	ppb
Lead	208-1	1216.17	1254.75	1244.53	1238.49	1.61	ppb
Lithium	6-1				104		%
Magnesium	24-2	25023.69	25007.00	24888.09	24972.93	0.30	ppb
Manganese	55-2	2543.90	2518.48	2517.30	2526.56	0.59	ppb
Molybdenum	94-1	2461.65	2507.76	2504.24	2491.22	1.03	ppb
Molybdenum	95-1	2466.68	2510.51	2510.12	2495.77	1.01	ppb
Molybdenum	96-1	2462.02	2516.26	2507.83	2495.37	1.17	ppb
Molybdenum	97-1	2454.05	2523.49	2529.30	2502.28	1.67	ppb
Molybdenum	98-1	2454.49	2514.73	2520.68	2496.63	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.68	251.34	250.73	251.25	0.19	ppb
Phosphorus	31-2	5179.76	5099.86	5125.43	5135.01	0.79	ppb
Potassium	39-2	12472.81	12559.00	12515.26	12515.69	0.34	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	256.80	257.23	259.22	257.75	0.50	ppb
Selenium	77-2	252.37	239.94	255.89	249.40	3.36	ppb
Selenium	78-2	255.51	257.92	255.16	256.20	0.59	ppb
Silicon	28-1	221.41	226.76	227.54	225.24	1.48	ppb
Silver	107-1	260.46	264.00	264.94	263.13	0.90	ppb
Silver	109-1	257.31	266.27	263.50	262.36	1.75	ppb
Sodium	23-2	25621.98	25429.71	25547.32	25533.00	0.38	ppb
Strontium	86-1	6051.87	6168.93	6215.93	6145.57	1.37	ppb
Strontium	88-1	6180.69	6329.76	6280.97	6263.81	1.21	ppb
Sulfur	34-1	4926.78	5107.87	5107.44	5047.36	2.07	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	243.27	249.84	245.01	246.04	1.38	ppb
Thallium	205-1	241.77	250.09	246.90	246.25	1.71	ppb
Tin	118-1	247.27	255.04	253.66	251.99	1.64	ppb
Titanium	47-1	2488.37	2564.33	2549.36	2534.02	1.59	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:59:58 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	236.46	242.13	240.79	239.79	1.23	ppb
Vanadium	51-2	244.94	245.95	244.09	244.99	0.38	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	2563.20	2559.29	2560.98	2561.16	0.08	ppb
Zirconium	90-1	245.33	251.42	250.42	249.06	1.31	ppb
Zirconium	91-1	240.39	249.04	248.66	246.03	1.99	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:02:46 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9796.59	9664.30	9728.14	9729.68	0.68	ppb
Antimony	121-1	499.74	492.50	500.46	497.56	0.89	ppb
Arsenic	75-2	506.94	498.00	494.69	499.88	1.27	ppb
Barium	135-1	2470.77	2444.75	2471.79	2462.44	0.62	ppb
Barium	137-1	2502.87	2476.18	2484.66	2487.91	0.55	ppb
Beryllium	9-1	494.68	483.66	470.07	482.80	2.55	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	511.32	511.16	501.55	508.01	1.10	ppb
Cadmium	106-1	497.51	496.41	495.52	496.48	0.20	ppb
Cadmium	111-1	505.36	501.86	498.49	501.90	0.69	ppb
Calcium	43-1	49900.03	50151.49	50793.75	50281.76	0.92	ppb
Calcium	44-1	50309.45	50259.30	50309.40	50292.71	0.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.67	501.16	497.29	500.71	0.64	ppb
Cobalt	59-2	510.03	502.88	496.86	503.26	1.31	ppb
Copper	63-2	5096.22	5065.76	5008.45	5056.81	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				98		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	26376.65	26221.55	26042.62	26213.61	0.64	ppb
Iron	57-2	26094.55	26034.11	26133.15	26087.27	0.19	ppb
Iron	54-2	26440.85	26619.20	26575.61	26545.22	0.35	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:02:46 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2487.76	2513.62	2503.87	2501.75	0.52	ppb
Lead	207-1	2497.62	2504.30	2507.11	2503.01	0.19	ppb
Lead	208-1	2498.15	2510.09	2512.16	2506.80	0.30	ppb
Lithium	6-1				105		%
Magnesium	24-2	49786.79	49951.95	49758.56	49832.43	0.21	ppb
Manganese	55-2	5036.73	5006.27	4973.88	5005.63	0.63	ppb
Molybdenum	94-1	5110.73	4985.44	5023.71	5039.96	1.27	ppb
Molybdenum	95-1	5047.71	4993.90	5020.93	5020.85	0.54	ppb
Molybdenum	96-1	5068.92	5001.40	5008.22	5026.18	0.74	ppb
Molybdenum	97-1	5072.04	5061.25	5053.51	5062.26	0.18	ppb
Molybdenum	98-1	5079.06	5061.34	5015.08	5051.83	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.68	491.66	492.31	492.55	0.21	ppb
Phosphorus	31-2	10117.18	10054.17	10041.74	10071.03	0.40	ppb
Potassium	39-2	24814.72	24692.33	24683.92	24730.32	0.30	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	516.67	503.48	510.59	510.25	1.29	ppb
Selenium	77-2	508.74	508.94	510.23	509.30	0.16	ppb
Selenium	78-2	512.65	504.53	510.57	509.25	0.83	ppb
Silicon	28-1	449.36	445.34	442.36	445.69	0.79	ppb
Silver	107-1	514.84	503.79	506.87	508.50	1.12	ppb
Silver	109-1	508.57	506.68	502.29	505.85	0.64	ppb
Sodium	23-2	51339.53	50759.01	50686.09	50928.21	0.70	ppb
Strontium	86-1	12696.65	12553.97	12525.44	12592.02	0.73	ppb
Strontium	88-1	12737.32	12551.48	12493.26	12594.02	1.01	ppb
Sulfur	34-1	10020.56	9961.28	9812.43	9931.42	1.08	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	501.94	496.26	499.93	499.38	0.58	ppb
Thallium	205-1	498.58	500.59	497.80	498.99	0.29	ppb
Tin	118-1	499.70	500.63	499.22	499.85	0.14	ppb
Titanium	47-1	5053.95	5037.45	5026.69	5039.36	0.27	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:02:46 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	495.24	500.00	496.53	497.26	0.50	ppb
Vanadium	51-2	498.83	498.94	494.31	497.36	0.53	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	5133.09	5134.06	5066.09	5111.08	0.76	ppb
Zirconium	90-1	510.47	498.27	498.41	502.38	1.39	ppb
Zirconium	91-1	511.40	503.16	503.31	505.96	0.93	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:05:29 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19263.13	19190.66	19396.85	19283.55	0.54	ppb
Antimony	121-1	990.57	1005.13	1003.98	999.89	0.81	ppb
Arsenic	75-2	1008.18	991.00	999.35	999.51	0.86	ppb
Barium	135-1	4953.95	5081.24	5001.12	5012.10	1.28	ppb
Barium	137-1	4921.92	5062.44	5024.11	5002.83	1.45	ppb
Beryllium	9-1	1007.33	989.98	1023.34	1006.88	1.66	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	983.28	1000.19	994.43	992.63	0.87	ppb
Cadmium	106-1	987.29	1010.94	1009.98	1002.74	1.33	ppb
Cadmium	111-1	978.47	1010.04	999.84	996.12	1.62	ppb
Calcium	43-1	98880.21	99454.20	101447.97	99927.46	1.35	ppb
Calcium	44-1	98785.14	99749.37	100792.20	99775.57	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1007.38	993.84	999.44	1000.22	0.68	ppb
Cobalt	59-2	1003.26	989.40	998.67	997.11	0.71	ppb
Copper	63-2	10021.26	9887.25	9925.35	9944.62	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	52791.00	51437.35	51985.09	52071.15	1.31	ppb
Iron	57-2	51644.22	50763.39	51442.26	51283.29	0.90	ppb
Iron	54-2	52579.51	52408.41	52854.59	52614.17	0.43	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:05:29 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5013.46	4955.55	5049.01	5006.01	0.94	ppb
Lead	207-1	5030.13	4924.54	5053.52	5002.73	1.37	ppb
Lead	208-1	5006.63	4946.03	5050.25	5000.97	1.05	ppb
Lithium	6-1				102		%
Magnesium	24-2	99206.07	97750.33	98784.72	98580.37	0.76	ppb
Manganese	55-2	10047.89	9924.58	9999.63	9990.70	0.62	ppb
Molybdenum	94-1	9941.70	9955.52	10053.92	9983.72	0.61	ppb
Molybdenum	95-1	9950.20	9984.80	10041.68	9992.23	0.46	ppb
Molybdenum	96-1	9996.41	9967.70	10006.21	9990.10	0.20	ppb
Molybdenum	97-1	9958.70	9941.83	10005.80	9968.78	0.33	ppb
Molybdenum	98-1	9923.23	9978.85	10028.46	9976.85	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.03	997.05	1007.06	1003.05	0.53	ppb
Phosphorus	31-2	20142.85	19660.43	19946.01	19916.43	1.22	ppb
Potassium	39-2	49658.64	49187.31	49326.52	49390.82	0.49	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	82-1	987.45	989.09	999.80	992.11	0.68	ppb
Selenium	77-2	991.58	984.06	1007.47	994.37	1.20	ppb
Selenium	78-2	1016.89	963.63	998.71	993.08	2.73	ppb
Silicon	28-1	1033.93	1038.06	1033.93	1035.31	0.23	ppb
Silver	107-1	975.01	1005.73	992.13	990.96	1.55	ppb
Silver	109-1	983.86	1000.76	993.12	992.58	0.85	ppb
Sodium	23-2	102553.44	100590.83	101482.87	101542.38	0.97	ppb
Strontium	86-1	24979.80	25018.85	24964.23	24987.63	0.11	ppb
Strontium	88-1	24918.46	24921.41	25011.09	24950.32	0.21	ppb
Sulfur	34-1	19906.29	20183.62	19982.63	20024.18	0.72	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	1013.75	982.22	1011.39	1002.45	1.75	ppb
Thallium	205-1	1008.44	989.49	1008.16	1002.03	1.08	ppb
Tin	118-1	979.40	1012.01	1006.54	999.32	1.75	ppb
Titanium	47-1	9881.62	9980.86	10054.00	9972.16	0.87	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:05:29 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1004.63	993.58	1016.87	1005.02	1.16	ppb
Vanadium	51-2	999.45	1010.91	998.39	1002.92	0.69	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	10028.21	9816.88	9933.36	9926.15	1.07	ppb
Zirconium	90-1	991.88	1000.05	1005.75	999.23	0.70	ppb
Zirconium	91-1	997.94	994.37	1002.78	998.36	0.42	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:08:15 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99839.19	100887.28	99843.65	100190.04	0.60	ppb
Antimony	121-1	0.62	0.57	0.50	0.56	11.17	ppb
Arsenic	75-2	0.75	0.50	0.51	0.59	24.75	ppb
Barium	135-1	2.31	2.34	2.33	2.33	0.68	ppb
Barium	137-1	2.38	2.37	2.24	2.33	3.33	ppb
Beryllium	9-1	0.21	0.23	0.21	0.22	6.05	ppb
Bismuth	209-1				86		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.19	0.20	0.24	38.21	ppb
Cadmium	106-1	-28.79	-26.15	-29.32	-28.08		ppb
Cadmium	111-1	0.22	0.20	0.18	0.20	9.16	ppb
Calcium	43-1	503854.80	497039.20	498857.42	499917.14	0.71	ppb
Calcium	44-1	506415.89	496772.26	496833.04	500007.06	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.47	1.29	1.02	1.26	17.85	ppb
Cobalt	59-2	2.88	2.84	2.87	2.86	0.69	ppb
Copper	63-2	2.36	2.41	2.32	2.36	1.98	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				94		%
Holmium	165-2				96		%
Indium	115-1				85		%
Indium	115-2				87		%
Iron	56-2	250376.68	249002.78	248889.59	249423.02	0.33	ppb
Iron	57-2	250741.55	249045.21	248972.21	249586.32	0.40	ppb
Iron	54-2	249412.75	250736.80	247647.56	249265.70	0.62	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:08:15 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.77	1.71	1.64	1.71	3.67	ppb
Lead	207-1	1.82	1.61	1.61	1.68	7.12	ppb
Lead	208-1	1.78	1.66	1.62	1.69	4.90	ppb
Lithium	6-1				98		%
Magnesium	24-2	499212.20	503823.82	497875.01	500303.68	0.62	ppb
Manganese	55-2	5.15	5.44	5.11	5.23	3.45	ppb
Molybdenum	94-1	2.88	2.78	2.62	2.76	4.74	ppb
Molybdenum	95-1	1.97	1.86	1.81	1.88	4.40	ppb
Molybdenum	96-1	3.57	3.40	3.41	3.46	2.70	ppb
Molybdenum	97-1	2.01	1.78	1.80	1.86	6.90	ppb
Molybdenum	98-1	1.93	1.72	1.65	1.77	8.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.56	4.55	4.47	4.53	1.08	ppb
Phosphorus	31-2	-5.01	-5.98	-2.11	-4.37		ppb
Potassium	39-2	250074.50	250057.98	250304.27	250145.58	0.06	ppb
Rhodium	103-1				79		%
Rhodium	103-2				81		%
Scandium	45-1				86		%
Scandium	45-2				88		%
Selenium	82-1	1.48	1.11	1.49	1.36	16.11	ppb
Selenium	77-2	0.39	0.58	0.19	0.39	49.68	ppb
Selenium	78-2	-0.72	0.19	-0.39	-0.31		ppb
Silicon	28-1	-21.70	-22.97	-23.25	-22.64		ppb
Silver	107-1	0.25	0.23	0.22	0.23	7.79	ppb
Silver	109-1	0.25	0.21	0.21	0.23	10.93	ppb
Sodium	23-2	496982.34	501326.75	500389.66	499566.25	0.46	ppb
Strontium	86-1	74.45	70.29	76.78	73.84	4.45	ppb
Strontium	88-1	76.58	75.53	75.63	75.91	0.76	ppb
Sulfur	34-1	-311.79	-413.99	-290.86	-338.88		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.21	0.18	0.15	0.18	16.44	ppb
Thallium	205-1	0.19	0.17	0.15	0.17	10.78	ppb
Tin	118-1	0.29	0.26	0.23	0.26	11.51	ppb
Titanium	47-1	1.75	1.58	1.62	1.65	5.22	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:08:15 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.13	0.12	0.14	13.53	ppb
Vanadium	51-2	0.23	0.24	0.22	0.23	2.96	ppb
Yttrium	89-1				87		%
Yttrium	89-2				90		%
Zinc	66-2	14.32	13.91	13.80	14.01	1.94	ppb
Zirconium	90-1	0.63	0.61	0.62	0.62	1.47	ppb
Zirconium	91-1	0.70	0.59	0.61	0.63	8.85	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:17:57 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	472.08	481.00	477.91	476.99	0.95	ppb
Antimony	121-1	199.32	206.86	208.96	205.05	2.47	ppb
Arsenic	75-2	210.65	210.91	209.36	210.31	0.39	ppb
Barium	135-1	97.59	101.53	102.32	100.48	2.52	ppb
Barium	137-1	97.85	100.91	101.64	100.13	2.01	ppb
Beryllium	9-1	99.58	101.60	101.26	100.82	1.07	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	115.87	117.22	119.02	117.37	1.34	ppb
Cadmium	106-1	68.52	66.05	67.47	67.35	1.84	ppb
Cadmium	111-1	107.05	110.63	110.58	109.42	1.88	ppb
Calcium	43-1	1961.96	2052.57	2058.76	2024.43	2.68	ppb
Calcium	44-1	1927.94	2034.63	2053.40	2005.32	3.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.31	104.08	104.09	103.82	0.43	ppb
Cobalt	59-2	104.42	104.82	104.36	104.53	0.24	ppb
Copper	63-2	99.04	99.77	99.65	99.49	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	2137.78	2153.22	2146.56	2145.85	0.36	ppb
Iron	57-2	2131.30	2155.18	2159.99	2148.82	0.72	ppb
Iron	54-2	2241.80	2261.78	2258.50	2254.03	0.48	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:17:57 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	194.28	204.64	205.77	201.56	3.14	ppb
Lead	207-1	176.23	183.00	186.80	182.01	2.94	ppb
Lead	208-1	189.62	196.82	199.50	195.31	2.62	ppb
Lithium	6-1				110		%
Magnesium	24-2	1160.77	1172.73	1173.29	1168.93	0.60	ppb
Manganese	55-2	104.16	104.48	103.94	104.19	0.26	ppb
Molybdenum	94-1	3924.30	4065.28	4073.06	4020.88	2.08	ppb
Molybdenum	95-1	4807.67	4941.59	4991.29	4913.52	1.93	ppb
Molybdenum	96-1	4703.42	4855.17	4900.93	4819.84	2.15	ppb
Molybdenum	97-1	4791.61	5033.86	5037.03	4954.17	2.84	ppb
Molybdenum	98-1	4798.13	4991.68	4969.33	4919.71	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.28	107.01	107.39	106.90	0.53	ppb
Phosphorus	31-2	-15.33	-13.90	-18.60	-15.94		ppb
Potassium	39-2	1989.30	2022.03	2024.34	2011.89	0.97	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	209.79	216.88	217.69	214.79	2.02	ppb
Selenium	77-2	222.54	230.10	227.06	226.57	1.68	ppb
Selenium	78-2	214.90	212.98	219.59	215.83	1.58	ppb
Silicon	28-1	-25.57	-25.30	-25.23	-25.36		ppb
Silver	107-1	49.10	50.71	51.05	50.29	2.07	ppb
Silver	109-1	48.40	50.46	50.28	49.72	2.29	ppb
Sodium	23-2	2049.47	2100.62	2078.35	2076.15	1.24	ppb
Strontium	86-1	5.42	5.45	5.29	5.38	1.62	ppb
Strontium	88-1	6.26	6.64	6.62	6.51	3.25	ppb
Sulfur	34-1	-430.61	-358.27	-395.66	-394.85		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	194.28	201.16	201.27	198.90	2.02	ppb
Thallium	205-1	190.93	200.68	201.46	197.69	2.97	ppb
Tin	118-1	0.16	0.16	0.17	0.16	6.03	ppb
Titanium	47-1	0.31	0.33	0.40	0.34	12.97	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:17:57 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	108.42	ppb
Vanadium	51-2	97.97	99.28	99.03	98.76	0.71	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	210.49	211.91	209.55	210.65	0.56	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	18.53	ppb
Zirconium	91-1	0.06	0.06	0.06	0.06	6.50	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:24:23 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	0.09	0.13	0.13	27.69	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	15.25	ppb
Arsenic	75-2	0.04	-0.01	-0.01	0.00	855.19	ppb
Barium	135-1	0.00	0.00	0.00	0.00	75.40	ppb
Barium	137-1	0.00	0.01	0.01	0.00	135.61	ppb
Beryllium	9-1	0.02	-0.01	0.02	0.01	157.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	0.02	-0.23	-0.09		ppb
Cadmium	106-1	-28.02	-22.58	-26.68	-25.76		ppb
Cadmium	111-1	-0.01	-0.02	0.01	-0.01		ppb
Calcium	43-1	-4.13	-2.20	-3.98	-3.44		ppb
Calcium	44-1	-3.42	-0.71	-1.21	-1.78		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	0.00	0.01	132.38	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	133.54	ppb
Copper	63-2	0.05	0.04	0.02	0.04	43.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	0.86	0.69	0.83	0.79	11.66	ppb
Iron	57-2	0.37	-0.69	-0.62	-0.31		ppb
Iron	54-2	1.53	0.19	0.82	0.85	79.21	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:24:23 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.02	0.02	6.87	ppb
Lead	207-1	0.01	0.02	0.01	0.01	14.92	ppb
Lead	208-1	0.02	0.01	0.02	0.02	13.62	ppb
Lithium	6-1				105		%
Magnesium	24-2	1.09	1.09	0.88	1.02	12.19	ppb
Manganese	55-2	0.02	0.01	0.01	0.02	39.91	ppb
Molybdenum	94-1	0.12	0.10	0.14	0.12	15.65	ppb
Molybdenum	95-1	0.15	0.19	0.19	0.18	12.35	ppb
Molybdenum	96-1	0.17	0.16	0.17	0.16	1.78	ppb
Molybdenum	97-1	0.17	0.15	0.15	0.16	5.23	ppb
Molybdenum	98-1	0.15	0.16	0.17	0.16	6.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.07	-0.04	0.00		ppb
Phosphorus	31-2	-15.54	-9.76	-12.65	-12.65		ppb
Potassium	39-2	-3.05	-1.54	-1.82	-2.13		ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.55	0.10	0.48	0.38	63.60	ppb
Selenium	77-2	0.00	0.00	0.18	0.06	173.21	ppb
Selenium	78-2	-0.91	-0.29	-1.57	-0.92		ppb
Silicon	28-1	-23.99	-9.05	-8.52	-13.85		ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.73	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.55	ppb
Sodium	23-2	14.04	15.69	15.42	15.05	5.89	ppb
Strontium	86-1	-0.03	0.25	0.00	0.07	205.50	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	141.25	ppb
Sulfur	34-1	-204.03	-138.43	-88.93	-143.79		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.01	0.01	0.01	32.13	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.15	ppb
Tin	118-1	0.02	-0.01	0.01	0.01	250.01	ppb
Titanium	47-1	0.00	0.02	0.02	0.01	94.70	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:24:23 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	0.08	0.05	0.06	0.06	19.64	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	116.61	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00		ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:36:10 DataFile Name : 017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89006.72	88101.29	87697.72	88268.57	0.76	ppb
Antimony	121-1	1.10	1.12	1.07	1.10	2.32	ppb
Arsenic	75-2	0.37	0.36	0.30	0.34	10.28	ppb
Barium	135-1	1.36	1.22	1.35	1.31	5.77	ppb
Barium	137-1	1.37	1.36	1.33	1.35	1.70	ppb
Beryllium	9-1	0.30	0.28	0.24	0.28	11.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.61	8.36	8.77	8.58	2.45	ppb
Cadmium	106-1	-33.37	-40.54	-39.71	-37.88		ppb
Cadmium	111-1	0.43	0.37	0.37	0.39	9.35	ppb
Calcium	43-1	98774.89	97879.13	98670.13	98441.38	0.50	ppb
Calcium	44-1	98491.26	97704.55	97719.99	97971.94	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.47	19.49	19.11	19.36	1.09	ppb
Cobalt	59-2	1.25	1.27	1.26	1.26	0.66	ppb
Copper	63-2	7.26	7.43	7.26	7.32	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	102581.46	102255.96	101578.90	102138.77	0.50	ppb
Iron	57-2	100594.24	100230.94	100418.81	100414.66	0.18	ppb
Iron	54-2	102723.68	102649.35	101698.67	102357.23	0.56	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:36:10 DataFile Name : 017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.96	4.81	4.64	4.80	3.31	ppb
Lead	207-1	4.48	4.35	4.20	4.34	3.21	ppb
Lead	208-1	4.64	4.51	4.39	4.51	2.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	96629.49	95119.26	94955.90	95568.22	0.97	ppb
Manganese	55-2	7.76	7.91	7.83	7.83	0.93	ppb
Molybdenum	94-1	1613.02	1563.40	1592.01	1589.48	1.57	ppb
Molybdenum	95-1	1980.13	1931.87	1938.31	1950.10	1.34	ppb
Molybdenum	96-1	1940.85	1888.34	1896.37	1908.52	1.48	ppb
Molybdenum	97-1	1985.27	1921.74	1953.04	1953.35	1.63	ppb
Molybdenum	98-1	1963.10	1954.50	1934.62	1950.74	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.50	5.23	5.12	5.28	3.69	ppb
Phosphorus	31-2	100114.89	100485.99	99039.03	99879.97	0.75	ppb
Potassium	39-2	96639.78	95875.85	95493.01	96002.88	0.61	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	82-1	0.32	-0.60	0.32	0.01	4324.14	ppb
Selenium	77-2	0.18	0.18	0.19	0.18	0.37	ppb
Selenium	78-2	-0.68	-1.75	-0.28	-0.90		ppb
Silicon	28-1	-6.25	-22.80	-23.16	-17.40		ppb
Silver	107-1	0.03	0.02	0.03	0.03	6.29	ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.32	ppb
Sodium	23-2	98839.66	97653.43	97169.14	97887.41	0.88	ppb
Strontium	86-1	843.79	833.17	842.11	839.69	0.68	ppb
Strontium	88-1	840.09	834.43	835.43	836.65	0.36	ppb
Sulfur	34-1	108602.15	105445.78	106472.37	106840.10	1.51	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.10	0.10	0.10	0.10	2.07	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	2.91	ppb
Tin	118-1	0.15	0.16	0.15	0.15	2.72	ppb
Titanium	47-1	2044.44	2027.33	1991.09	2020.95	1.35	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:36:10 DataFile Name : 017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	7.39	ppb
Vanadium	51-2	0.19	0.19	0.20	0.19	2.72	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	10.89	11.30	11.22	11.13	1.95	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	43.59	ppb
Zirconium	91-1	0.02	0.02	0.00	0.01	55.16	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:39:12 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87994.16	88631.21	87451.49	88025.62	0.67	ppb
Antimony	121-1	20.77	20.42	20.44	20.54	0.95	ppb
Arsenic	75-2	20.35	19.96	19.91	20.07	1.19	ppb
Barium	135-1	21.14	20.56	20.70	20.80	1.44	ppb
Barium	137-1	20.90	20.54	20.45	20.63	1.17	ppb
Beryllium	9-1	19.91	19.70	19.28	19.63	1.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.64	24.62	24.62	24.96	2.36	ppb
Cadmium	106-1	-18.43	-20.66	-25.54	-21.54		ppb
Cadmium	111-1	20.11	19.80	19.98	19.96	0.77	ppb
Calcium	43-1	97797.32	96535.21	96614.43	96982.32	0.73	ppb
Calcium	44-1	99240.42	97697.21	97891.12	98276.25	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.91	38.68	38.79	38.79	0.30	ppb
Cobalt	59-2	20.66	20.70	20.36	20.57	0.92	ppb
Copper	63-2	25.93	25.40	25.69	25.67	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				103		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	102532.95	102598.26	101096.78	102076.00	0.83	ppb
Iron	57-2	100347.64	100683.69	98940.27	99990.53	0.93	ppb
Iron	54-2	102781.81	101457.67	101810.39	102016.63	0.67	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:39:12 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.13	24.30	23.99	24.14	0.65	ppb
Lead	207-1	22.86	22.94	22.53	22.78	0.94	ppb
Lead	208-1	23.34	23.39	23.15	23.29	0.54	ppb
Lithium	6-1				102		%
Magnesium	24-2	94834.99	95564.98	94497.44	94965.80	0.57	ppb
Manganese	55-2	26.72	27.08	27.04	26.95	0.72	ppb
Molybdenum	94-1	1584.82	1595.49	1582.46	1587.59	0.44	ppb
Molybdenum	95-1	1954.72	1954.40	1927.10	1945.41	0.81	ppb
Molybdenum	96-1	1898.55	1892.79	1898.34	1896.56	0.17	ppb
Molybdenum	97-1	1947.37	1934.84	1937.45	1939.89	0.34	ppb
Molybdenum	98-1	1943.10	1932.54	1934.32	1936.65	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.61	24.75	24.29	24.55	0.96	ppb
Phosphorus	31-2	99915.90	99762.39	99556.03	99744.78	0.18	ppb
Potassium	39-2	96098.76	96238.50	95298.50	95878.58	0.53	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	20.42	20.08	20.50	20.34	1.09	ppb
Selenium	77-2	14.65	23.61	18.36	18.87	23.85	ppb
Selenium	78-2	19.13	20.92	17.95	19.33	7.73	ppb
Silicon	28-1	-7.25	-7.05	-5.84	-6.71		ppb
Silver	107-1	18.92	18.60	18.88	18.80	0.92	ppb
Silver	109-1	18.63	18.53	18.55	18.57	0.30	ppb
Sodium	23-2	97878.99	98324.58	97432.92	97878.83	0.46	ppb
Strontium	86-1	831.50	840.71	837.06	836.42	0.55	ppb
Strontium	88-1	835.15	837.72	836.26	836.38	0.15	ppb
Sulfur	34-1	107187.04	105929.83	105544.69	106220.52	0.81	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	19.31	19.72	19.33	19.45	1.19	ppb
Thallium	205-1	19.17	19.34	19.18	19.23	0.50	ppb
Tin	118-1	0.17	0.18	0.18	0.18	3.29	ppb
Titanium	47-1	2039.73	1980.69	1987.93	2002.78	1.61	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:39:12 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	7.72	ppb
Vanadium	51-2	19.01	19.22	19.45	19.23	1.16	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	30.45	30.72	30.41	30.52	0.55	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	57.38	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	129.67	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:42:15 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52431.64	51597.61	51762.31	51930.52	0.85	ppb
Antimony	121-1	512.65	519.01	516.04	515.90	0.62	ppb
Arsenic	75-2	508.97	514.67	512.03	511.89	0.56	ppb
Barium	135-1	2598.49	2651.15	2624.13	2624.59	1.00	ppb
Barium	137-1	2593.75	2634.74	2612.16	2613.55	0.79	ppb
Beryllium	9-1	505.14	509.29	512.01	508.81	0.68	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	502.40	510.89	510.61	507.97	0.95	ppb
Cadmium	106-1	482.90	483.80	496.41	487.70	1.55	ppb
Cadmium	111-1	499.33	503.58	504.65	502.52	0.56	ppb
Calcium	43-1	259723.66	259459.23	261882.60	260355.17	0.51	ppb
Calcium	44-1	260663.84	263110.73	262718.07	262164.21	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	519.21	509.56	530.38	519.72	2.00	ppb
Cobalt	59-2	517.56	515.74	514.80	516.03	0.27	ppb
Copper	63-2	4997.30	4941.56	4988.15	4975.67	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	134925.08	133506.26	133456.83	133962.72	0.62	ppb
Iron	57-2	133004.01	131566.75	131907.64	132159.47	0.57	ppb
Iron	54-2	133333.51	132088.84	133346.57	132922.97	0.54	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:42:15 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2628.15	2712.84	2640.56	2660.51	1.72	ppb
Lead	207-1	2631.35	2689.58	2630.44	2650.46	1.28	ppb
Lead	208-1	2644.36	2683.56	2639.78	2655.90	0.91	ppb
Lithium	6-1				99		%
Magnesium	24-2	262443.67	260395.15	260403.62	261080.81	0.45	ppb
Manganese	55-2	5181.18	5099.00	5164.72	5148.30	0.84	ppb
Molybdenum	94-1	5219.26	5304.50	5299.22	5274.33	0.91	ppb
Molybdenum	95-1	5190.02	5299.23	5320.31	5269.85	1.33	ppb
Molybdenum	96-1	5214.46	5293.59	5333.44	5280.50	1.15	ppb
Molybdenum	97-1	5272.49	5357.63	5334.66	5321.59	0.83	ppb
Molybdenum	98-1	5249.53	5288.29	5321.78	5286.53	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.89	488.78	488.49	488.72	0.04	ppb
Phosphorus	31-2	10475.27	10471.32	10493.12	10479.90	0.11	ppb
Potassium	39-2	130462.86	129226.08	129967.48	129885.47	0.48	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	497.75	504.31	499.11	500.39	0.69	ppb
Selenium	77-2	510.42	491.90	529.10	510.47	3.64	ppb
Selenium	78-2	500.06	508.15	498.34	502.18	1.04	ppb
Silicon	28-1	264.84	263.90	266.45	265.07	0.49	ppb
Silver	107-1	508.60	510.18	508.16	508.98	0.21	ppb
Silver	109-1	504.06	506.01	510.09	506.72	0.61	ppb
Sodium	23-2	263358.60	262492.16	262873.58	262908.12	0.17	ppb
Strontium	86-1	13144.63	13515.90	13502.89	13387.80	1.57	ppb
Strontium	88-1	13173.72	13344.60	13212.26	13243.52	0.68	ppb
Sulfur	34-1	10234.16	10213.41	10193.28	10213.61	0.20	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	530.26	541.19	528.31	533.25	1.30	ppb
Thallium	205-1	529.28	538.69	523.83	530.60	1.42	ppb
Tin	118-1	525.83	528.05	522.97	525.61	0.48	ppb
Titanium	47-1	5250.75	5258.82	5309.47	5273.02	0.60	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:42:15 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	538.23	550.20	542.06	543.50	1.12	ppb
Vanadium	51-2	529.07	524.56	531.24	528.29	0.64	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	4918.41	4865.70	4911.59	4898.57	0.59	ppb
Zirconium	90-1	521.25	533.04	535.37	529.88	1.43	ppb
Zirconium	91-1	520.23	541.08	538.10	533.14	2.12	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:44:55 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.01	7.30	7.66	23.32	117.65	ppb
Antimony	121-1	0.21	0.19	0.15	0.18	15.21	ppb
Arsenic	75-2	0.03	0.01	0.04	0.03	58.43	ppb
Barium	135-1	0.25	0.23	0.20	0.23	9.30	ppb
Barium	137-1	0.26	0.22	0.22	0.23	10.08	ppb
Beryllium	9-1	0.04	0.06	0.03	0.04	31.55	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.38	-0.19	-0.06	-0.21		ppb
Cadmium	106-1	-39.24	-36.60	-35.69	-37.17		ppb
Cadmium	111-1	0.07	0.06	0.04	0.06	24.34	ppb
Calcium	43-1	31.80	35.15	24.77	30.57	17.34	ppb
Calcium	44-1	35.73	34.00	28.72	32.82	11.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.05	0.05	0.06	21.85	ppb
Cobalt	59-2	0.06	0.03	0.03	0.04	42.56	ppb
Copper	63-2	0.77	0.59	0.61	0.66	15.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	32.87	13.78	12.94	19.86	56.73	ppb
Iron	57-2	27.86	11.46	9.96	16.42	60.48	ppb
Iron	54-2	41.69	14.28	12.94	22.97	70.64	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:44:55 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.31	0.31	0.26	0.29	8.99	ppb
Lead	207-1	0.32	0.26	0.24	0.27	14.02	ppb
Lead	208-1	0.31	0.29	0.25	0.29	10.35	ppb
Lithium	6-1				108		%
Magnesium	24-2	141.19	19.48	18.96	59.88	117.61	ppb
Manganese	55-2	0.86	0.38	0.32	0.52	57.31	ppb
Molybdenum	94-1	0.69	0.65	0.61	0.65	6.27	ppb
Molybdenum	95-1	0.74	0.67	0.57	0.66	12.84	ppb
Molybdenum	96-1	0.75	0.63	0.59	0.65	12.59	ppb
Molybdenum	97-1	0.73	0.68	0.58	0.66	10.92	ppb
Molybdenum	98-1	0.73	0.69	0.57	0.66	12.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.04	0.06	0.05	27.56	ppb
Phosphorus	31-2	37.04	-9.81	-7.66	6.52	405.51	ppb
Potassium	39-2	88.75	18.87	14.68	40.76	102.07	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	-0.10	-0.12	-0.03	-0.09		ppb
Selenium	77-2	0.53	0.00	0.18	0.24	114.37	ppb
Selenium	78-2	-0.36	-0.89	-0.59	-0.61		ppb
Silicon	28-1	-25.07	-24.83	-25.47	-25.12		ppb
Silver	107-1	0.12	0.11	0.09	0.11	15.58	ppb
Silver	109-1	0.12	0.10	0.08	0.10	18.17	ppb
Sodium	23-2	204.06	76.98	72.16	117.73	63.54	ppb
Strontium	86-1	0.74	1.05	0.36	0.72	48.34	ppb
Strontium	88-1	1.39	1.26	1.05	1.23	13.92	ppb
Sulfur	34-1	-547.10	-530.38	-589.82	-555.76		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.14	0.13	0.13	0.13	5.29	ppb
Thallium	205-1	0.14	0.13	0.12	0.13	5.23	ppb
Tin	118-1	0.06	0.06	0.05	0.06	10.76	ppb
Titanium	47-1	0.70	0.67	0.58	0.65	9.42	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:44:55 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.04	0.03	0.04	16.79	ppb
Vanadium	51-2	0.11	0.03	0.02	0.06	89.83	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	0.87	0.92	0.72	0.83	12.68	ppb
Zirconium	90-1	0.07	0.05	0.05	0.06	23.76	ppb
Zirconium	91-1	0.07	0.05	0.05	0.06	18.47	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-06 Instrumnet Name : P7
Client Sample ID : MJNBZ2 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:48:34 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18357.34	18164.16	18242.58	18254.69	0.53	ppb
Antimony	121-1	0.23	0.23	0.23	0.23	0.46	ppb
Arsenic	75-2	9.37	9.57	9.59	9.51	1.29	ppb
Barium	135-1	171.54	172.04	172.52	172.03	0.29	ppb
Barium	137-1	170.92	172.52	171.46	171.63	0.48	ppb
Beryllium	9-1	0.87	0.84	0.74	0.82	8.54	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.61	1.68	1.64	1.64	2.05	ppb
Cadmium	106-1	-12.97	-8.24	-9.04	-10.08		ppb
Cadmium	111-1	0.27	0.29	0.33	0.30	9.63	ppb
Calcium	43-1	11691.58	11743.64	11846.46	11760.56	0.67	ppb
Calcium	44-1	11569.99	11483.55	11456.58	11503.37	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.63	22.63	22.71	22.66	0.21	ppb
Cobalt	59-2	28.92	29.06	29.00	28.99	0.24	ppb
Copper	63-2	66.73	66.22	66.53	66.49	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	60709.53	60793.44	60921.10	60808.03	0.18	ppb
Iron	57-2	58758.67	59407.62	59196.34	59120.88	0.56	ppb
Iron	54-2	60544.50	60193.01	60586.31	60441.27	0.36	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-06 Instrumnet Name : P7
Client Sample ID : MJNBZ2 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:48:34 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.05	43.50	43.67	43.41	0.73	ppb
Lead	207-1	41.48	41.94	41.97	41.80	0.66	ppb
Lead	208-1	42.41	42.54	43.05	42.67	0.80	ppb
Lithium	6-1				110		%
Magnesium	24-2	15820.24	15949.29	15890.79	15886.77	0.41	ppb
Manganese	55-2	1014.21	1011.50	1026.44	1017.38	0.78	ppb
Molybdenum	94-1	20.56	20.22	20.20	20.33	0.99	ppb
Molybdenum	95-1	0.79	0.75	0.74	0.76	3.86	ppb
Molybdenum	96-1	3.33	3.25	3.23	3.27	1.64	ppb
Molybdenum	97-1	0.79	0.71	0.73	0.74	5.35	ppb
Molybdenum	98-1	0.79	0.72	0.72	0.74	5.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.54	47.95	47.96	47.82	0.49	ppb
Phosphorus	31-2	2046.35	2004.46	2072.03	2040.95	1.67	ppb
Potassium	39-2	1024.44	1033.91	1026.06	1028.14	0.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.42	0.91	0.57	0.63	39.88	ppb
Selenium	77-2	12.06	12.30	10.87	11.74	6.50	ppb
Selenium	78-2	2.30	1.85	2.15	2.10	11.05	ppb
Silicon	28-1	1272.93	1281.27	1289.32	1281.17	0.64	ppb
Silver	107-1	0.23	0.18	0.18	0.20	14.58	ppb
Silver	109-1	0.19	0.15	0.14	0.16	17.92	ppb
Sodium	23-2	1054.76	1060.00	1051.50	1055.42	0.41	ppb
Strontium	86-1	1898.05	1863.36	1874.68	1878.70	0.94	ppb
Strontium	88-1	1957.39	1922.05	1925.95	1935.13	1.00	ppb
Sulfur	34-1	-915.43	-872.81	-927.83	-905.36		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.34	0.35	0.32	0.34	4.90	ppb
Thallium	205-1	0.33	0.31	0.32	0.32	2.51	ppb
Tin	118-1	2.14	2.07	2.09	2.10	1.72	ppb
Titanium	47-1	2546.06	2582.18	2574.77	2567.67	0.74	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-06 Instrumnet Name : P7
Client Sample ID : MJNBZ2 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:48:34 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.23	1.24	1.23	0.52	ppb
Vanadium	51-2	123.24	123.87	123.31	123.47	0.28	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	131.03	130.83	129.48	130.45	0.65	ppb
Zirconium	90-1	10.98	10.94	10.91	10.94	0.32	ppb
Zirconium	91-1	10.91	10.84	10.91	10.89	0.35	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-07 Instrumnet Name : P7
Client Sample ID : MJNBZ2D Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:51:41 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19086.35	19325.96	19247.60	19219.97	0.64	ppb
Antimony	121-1	0.19	0.21	0.20	0.20	4.04	ppb
Arsenic	75-2	9.22	9.34	9.29	9.28	0.63	ppb
Barium	135-1	176.29	177.89	179.66	177.95	0.95	ppb
Barium	137-1	175.73	177.93	179.09	177.58	0.96	ppb
Beryllium	9-1	0.78	0.79	0.77	0.78	0.99	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.65	1.39	1.45	1.49	9.28	ppb
Cadmium	106-1	-12.85	-14.38	-13.78	-13.67		ppb
Cadmium	111-1	0.30	0.33	0.35	0.33	7.13	ppb
Calcium	43-1	12012.97	12212.11	12169.94	12131.67	0.87	ppb
Calcium	44-1	11807.50	12048.02	11986.36	11947.30	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.28	23.04	22.72	23.01	1.23	ppb
Cobalt	59-2	29.62	29.19	29.44	29.42	0.75	ppb
Copper	63-2	66.89	66.79	66.44	66.70	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	61725.66	62002.67	61699.63	61809.32	0.27	ppb
Iron	57-2	60403.17	60308.41	60333.42	60348.33	0.08	ppb
Iron	54-2	61810.39	61794.41	61830.85	61811.88	0.03	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-07 Instrumnet Name : P7
Client Sample ID : MJNBZ2D Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:51:41 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.88	43.32	43.61	43.60	0.65	ppb
Lead	207-1	41.59	41.94	41.61	41.71	0.47	ppb
Lead	208-1	42.78	42.64	42.54	42.66	0.28	ppb
Lithium	6-1				109		%
Magnesium	24-2	16325.23	16281.85	16274.43	16293.84	0.17	ppb
Manganese	55-2	1024.23	1019.89	1018.58	1020.90	0.29	ppb
Molybdenum	94-1	18.59	18.46	18.23	18.43	1.01	ppb
Molybdenum	95-1	0.63	0.58	0.56	0.59	5.53	ppb
Molybdenum	96-1	3.01	2.94	2.85	2.93	2.61	ppb
Molybdenum	97-1	0.58	0.58	0.58	0.58	0.56	ppb
Molybdenum	98-1	0.57	0.54	0.54	0.55	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.72	48.72	48.79	48.75	0.08	ppb
Phosphorus	31-2	2030.05	2059.28	2045.62	2044.98	0.72	ppb
Potassium	39-2	1032.15	1019.05	1025.03	1025.41	0.64	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.81	0.83	0.25	0.63	51.90	ppb
Selenium	77-2	9.77	12.28	10.76	10.94	11.59	ppb
Selenium	78-2	1.92	1.51	1.39	1.61	17.15	ppb
Silicon	28-1	1396.89	1425.36	1425.11	1415.79	1.16	ppb
Silver	107-1	0.14	0.14	0.13	0.14	5.67	ppb
Silver	109-1	0.11	0.10	0.10	0.10	4.60	ppb
Sodium	23-2	1122.98	1113.13	1119.19	1118.43	0.44	ppb
Strontium	86-1	1985.52	1954.15	1947.93	1962.53	1.03	ppb
Strontium	88-1	2040.87	2038.77	1987.03	2022.22	1.51	ppb
Sulfur	34-1	-1241.22	-1191.52	-1222.07	-1218.27		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.27	0.30	0.31	0.29	7.39	ppb
Thallium	205-1	0.27	0.29	0.29	0.28	4.81	ppb
Tin	118-1	2.12	2.14	2.12	2.12	0.50	ppb
Titanium	47-1	2629.78	2699.83	2712.19	2680.60	1.66	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-07 Instrumnet Name : P7
Client Sample ID : MJNBZ2D Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:51:41 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.23	1.22	1.23	0.95	ppb
Vanadium	51-2	126.02	125.55	125.33	125.63	0.28	ppb
Yttrium	89-1				113		%
Yttrium	89-2				113		%
Zinc	66-2	131.41	130.94	131.89	131.41	0.36	ppb
Zirconium	90-1	10.28	10.15	10.07	10.17	1.05	ppb
Zirconium	91-1	10.28	10.08	10.08	10.15	1.15	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-06LX5 Instrumnet Name : P7
Client Sample ID : MJNBZ2L Dilution Factor : 5
Date & Time Acquired : 2025-01-03 20:54:50 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3567.86	3581.81	3524.27	3557.98	0.84	ppb
Antimony	121-1	0.07	0.08	0.06	0.07	12.44	ppb
Arsenic	75-2	2.11	1.89	2.06	2.02	5.86	ppb
Barium	135-1	32.67	34.80	35.02	34.17	3.81	ppb
Barium	137-1	33.12	34.77	34.90	34.26	2.89	ppb
Beryllium	9-1	0.12	0.15	0.14	0.13	12.73	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.23	0.34	0.24	0.27	22.91	ppb
Cadmium	106-1	-28.91	-28.46	-22.05	-26.47		ppb
Cadmium	111-1	0.06	0.07	0.06	0.07	5.41	ppb
Calcium	43-1	2266.51	2432.46	2475.53	2391.50	4.61	ppb
Calcium	44-1	2284.97	2439.47	2472.37	2398.94	4.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.69	4.78	4.76	4.75	1.04	ppb
Cobalt	59-2	6.06	6.05	5.94	6.02	1.08	ppb
Copper	63-2	14.48	14.49	13.98	14.32	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	12435.91	12351.19	12287.40	12358.17	0.60	ppb
Iron	57-2	12305.40	12251.16	12154.86	12237.14	0.62	ppb
Iron	54-2	12458.40	12584.18	12318.12	12453.57	1.07	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-06LX5 Instrumnet Name : P7
Client Sample ID : MJNBZ2L Dilution Factor : 5
Date & Time Acquired : 2025-01-03 20:54:50 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.44	8.92	8.71	8.69	2.76	ppb
Lead	207-1	7.90	8.46	8.47	8.28	3.89	ppb
Lead	208-1	8.18	8.73	8.58	8.50	3.34	ppb
Lithium	6-1				106		%
Magnesium	24-2	3315.83	3289.43	3230.53	3278.59	1.33	ppb
Manganese	55-2	205.77	207.16	203.44	205.46	0.92	ppb
Molybdenum	94-1	3.92	4.16	4.16	4.08	3.42	ppb
Molybdenum	95-1	0.12	0.12	0.13	0.13	4.24	ppb
Molybdenum	96-1	0.60	0.65	0.66	0.64	4.61	ppb
Molybdenum	97-1	0.12	0.15	0.12	0.13	9.97	ppb
Molybdenum	98-1	0.10	0.12	0.12	0.11	11.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.87	10.02	9.78	9.89	1.26	ppb
Phosphorus	31-2	399.22	404.15	403.61	402.32	0.67	ppb
Potassium	39-2	210.19	215.12	213.45	212.92	1.18	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	-0.04	-0.02	0.31	0.08	236.83	ppb
Selenium	77-2	2.62	2.50	2.97	2.70	8.96	ppb
Selenium	78-2	-0.18	1.23	-0.24	0.27	307.84	ppb
Silicon	28-1	239.48	256.55	260.22	252.08	4.39	ppb
Silver	107-1	0.02	0.03	0.03	0.03	13.97	ppb
Silver	109-1	0.03	0.03	0.02	0.03	14.57	ppb
Sodium	23-2	241.20	240.38	237.82	239.80	0.74	ppb
Strontium	86-1	375.47	395.50	394.70	388.56	2.92	ppb
Strontium	88-1	377.75	392.17	396.74	388.89	2.55	ppb
Sulfur	34-1	-1424.20	-1297.59	-1279.01	-1333.60		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.09	0.09	0.09	1.97	ppb
Thallium	205-1	0.10	0.10	0.09	0.09	4.57	ppb
Tin	118-1	0.66	0.68	0.64	0.66	3.11	ppb
Titanium	47-1	480.47	509.45	516.40	502.11	3.80	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-06LX5 Instrumnet Name : P7
Client Sample ID : MJNBZ2L Dilution Factor : 5
Date & Time Acquired : 2025-01-03 20:54:50 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.24	0.24	0.23	1.84	ppb
Vanadium	51-2	25.59	24.98	25.14	25.24	1.25	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	27.61	27.40	27.24	27.42	0.68	ppb
Zirconium	90-1	2.15	2.31	2.29	2.25	3.95	ppb
Zirconium	91-1	2.12	2.35	2.29	2.25	5.13	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-08 Instrumnet Name : P7
Client Sample ID : MJNBZ2S Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:58:02 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19691.18	19754.22	19491.17	19645.52	0.70	ppb
Antimony	121-1	20.67	21.64	21.81	21.38	2.87	ppb
Arsenic	75-2	17.10	17.76	17.98	17.62	2.60	ppb
Barium	135-1	587.30	615.97	615.05	606.11	2.69	ppb
Barium	137-1	592.34	610.15	621.35	607.94	2.41	ppb
Beryllium	9-1	10.98	11.35	11.01	11.11	1.88	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	11.41	11.13	12.78	11.77	7.50	ppb
Cadmium	106-1	-5.67	-7.67	-9.42	-7.59		ppb
Cadmium	111-1	10.87	11.57	11.53	11.32	3.43	ppb
Calcium	43-1	11590.74	12283.54	12424.44	12099.57	3.69	ppb
Calcium	44-1	11402.20	11841.27	11988.33	11743.93	2.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.39	64.19	63.93	64.17	0.36	ppb
Cobalt	59-2	132.99	133.30	132.42	132.90	0.34	ppb
Copper	63-2	115.29	115.64	114.68	115.20	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	62245.16	62256.86	61840.97	62114.33	0.38	ppb
Iron	57-2	60805.25	60840.24	60043.18	60562.89	0.74	ppb
Iron	54-2	62071.50	61820.12	61455.18	61782.27	0.50	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-08 Instrumnet Name : P7
Client Sample ID : MJNBZ2S Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:58:02 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.15	47.38	47.08	46.54	2.60	ppb
Lead	207-1	43.70	45.37	45.65	44.90	2.35	ppb
Lead	208-1	44.33	46.21	46.53	45.69	2.60	ppb
Lithium	6-1				109		%
Magnesium	24-2	16369.67	16123.97	16073.68	16189.11	0.98	ppb
Manganese	55-2	1126.10	1116.97	1115.73	1119.60	0.51	ppb
Molybdenum	94-1	166.02	173.66	174.99	171.55	2.82	ppb
Molybdenum	95-1	180.28	189.70	190.69	186.89	3.08	ppb
Molybdenum	96-1	178.27	189.53	188.54	185.45	3.36	ppb
Molybdenum	97-1	181.28	190.15	190.49	187.31	2.79	ppb
Molybdenum	98-1	185.20	196.60	194.81	192.21	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	154.67	153.30	150.78	152.92	1.29	ppb
Phosphorus	31-2	2027.71	2120.91	2018.37	2055.66	2.76	ppb
Potassium	39-2	1017.07	1050.47	1014.52	1027.35	1.95	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	20.10	21.93	21.93	21.32	4.96	ppb
Selenium	77-2	31.28	34.67	29.94	31.96	7.63	ppb
Selenium	78-2	22.06	21.18	24.48	22.57	7.59	ppb
Silicon	28-1	1349.48	1444.89	1454.78	1416.38	4.11	ppb
Silver	107-1	10.69	11.06	11.16	10.97	2.24	ppb
Silver	109-1	10.54	10.96	11.01	10.84	2.39	ppb
Sodium	23-2	1094.79	1131.11	1099.25	1108.38	1.79	ppb
Strontium	86-1	1868.21	1978.59	1981.48	1942.76	3.32	ppb
Strontium	88-1	1946.31	2030.76	2021.68	1999.59	2.32	ppb
Sulfur	34-1	-1469.77	-1304.87	-1293.80	-1356.14		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	9.78	10.18	10.30	10.09	2.73	ppb
Thallium	205-1	9.61	10.04	10.09	9.91	2.63	ppb
Tin	118-1	2.04	2.07	2.03	2.05	0.82	ppb
Titanium	47-1	2571.33	2705.75	2721.26	2666.11	3.09	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-08 Instrumnet Name : P7
Client Sample ID : MJNBZ2S Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:58:02 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.23	1.22	1.21	1.92	ppb
Vanadium	51-2	226.52	226.60	225.45	226.19	0.28	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	235.78	236.79	233.19	235.25	0.79	ppb
Zirconium	90-1	9.62	10.19	10.06	9.96	2.98	ppb
Zirconium	91-1	9.50	10.22	9.96	9.89	3.69	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-01 Instrumnet Name : P7
Client Sample ID : MH2D26 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:01:09 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10951.22	11040.92	11098.51	11030.22	0.67	ppb
Antimony	121-1	6.34	6.38	6.41	6.38	0.53	ppb
Arsenic	75-2	39.47	40.49	40.65	40.21	1.60	ppb
Barium	135-1	62.72	63.88	62.48	63.03	1.18	ppb
Barium	137-1	61.75	63.29	62.48	62.50	1.23	ppb
Beryllium	9-1	1.17	1.17	1.28	1.21	5.30	ppb
Bismuth	209-1				119		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	22.96	21.98	22.15	22.37	2.34	ppb
Cadmium	106-1	2.11	-2.32	-5.24	-1.82		ppb
Cadmium	111-1	22.27	22.92	22.68	22.62	1.46	ppb
Calcium	43-1	3648.70	3803.50	3709.01	3720.40	2.10	ppb
Calcium	44-1	3595.22	3747.53	3649.17	3663.97	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.82	7.76	7.76	7.78	0.45	ppb
Cobalt	59-2	22.22	21.78	21.80	21.93	1.13	ppb
Copper	63-2	1469.02	1435.57	1461.97	1455.52	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	44651.52	44480.44	44949.29	44693.75	0.53	ppb
Iron	57-2	43801.22	42892.04	43782.75	43492.00	1.19	ppb
Iron	54-2	45152.54	44490.88	44842.02	44828.48	0.74	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-01 Instrumnet Name : P7
Client Sample ID : MH2D26 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:01:09 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5788.76	5903.88	5900.85	5864.50	1.12	ppb
Lead	207-1	5475.93	5650.04	5641.44	5589.14	1.76	ppb
Lead	208-1	5616.83	5738.46	5717.17	5690.82	1.14	ppb
Lithium	6-1				106		%
Magnesium	24-2	6098.01	5914.83	6073.62	6028.82	1.65	ppb
Manganese	55-2	30278.91	30225.60	30398.48	30301.00	0.29	ppb
Molybdenum	94-1	167.83	171.57	172.34	170.58	1.41	ppb
Molybdenum	95-1	203.30	210.21	206.96	206.82	1.67	ppb
Molybdenum	96-1	204.57	214.42	208.55	209.18	2.37	ppb
Molybdenum	97-1	204.60	212.21	209.92	208.91	1.87	ppb
Molybdenum	98-1	211.30	216.91	213.36	213.86	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.23	8.03	8.05	8.10	1.30	ppb
Phosphorus	31-2	1590.72	1535.07	1600.94	1575.58	2.25	ppb
Potassium	39-2	1105.42	1090.06	1107.40	1100.96	0.86	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	1.79	2.61	1.64	2.01	25.88	ppb
Selenium	77-2	9.16	9.07	8.00	8.74	7.41	ppb
Selenium	78-2	4.14	2.49	4.46	3.70	28.55	ppb
Silicon	28-1	494.10	521.50	520.27	511.96	3.02	ppb
Silver	107-1	37.98	38.60	38.32	38.30	0.82	ppb
Silver	109-1	37.62	38.01	37.52	37.72	0.69	ppb
Sodium	23-2	87.23	85.74	85.24	86.07	1.20	ppb
Strontium	86-1	630.25	661.00	644.56	645.27	2.38	ppb
Strontium	88-1	631.48	656.54	647.14	645.05	1.96	ppb
Sulfur	34-1	136.40	340.60	340.57	272.52	43.26	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.59	0.60	0.61	0.60	1.78	ppb
Thallium	205-1	0.57	0.60	0.61	0.59	3.72	ppb
Tin	118-1	0.89	0.83	0.85	0.86	3.46	ppb
Titanium	47-1	18.67	18.29	18.71	18.56	1.23	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-01 Instrumnet Name : P7
Client Sample ID : MH2D26 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:01:09 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.48	1.52	1.51	1.50	1.30	ppb
Vanadium	51-2	25.14	25.11	25.20	25.15	0.20	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	7999.45	7932.80	8047.58	7993.28	0.72	ppb
Zirconium	90-1	0.32	0.33	0.34	0.33	3.08	ppb
Zirconium	91-1	0.34	0.35	0.35	0.35	0.86	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-02 Instrumnet Name : P7
Client Sample ID : MH2D29 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:04:11 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3584.33	3583.94	3553.57	3573.95	0.49	ppb
Antimony	121-1	82.64	84.70	84.24	83.86	1.29	ppb
Arsenic	75-2	286.97	285.98	280.56	284.50	1.21	ppb
Barium	135-1	39.61	40.75	40.42	40.26	1.46	ppb
Barium	137-1	39.49	40.41	40.48	40.12	1.38	ppb
Beryllium	9-1	0.97	0.90	0.90	0.92	4.18	ppb
Bismuth	209-1				140		%
Bismuth	209-2				135		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	57.79	58.34	59.43	58.52	1.43	ppb
Cadmium	106-1	38.24	37.22	38.88	38.11	2.20	ppb
Cadmium	111-1	61.00	63.20	63.19	62.46	2.02	ppb
Calcium	43-1	14556.15	14558.04	14372.57	14495.59	0.73	ppb
Calcium	44-1	14295.34	14496.22	14379.02	14390.19	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.13	5.02	5.01	5.05	1.32	ppb
Cobalt	59-2	7.41	7.51	7.35	7.42	1.12	ppb
Copper	63-2	1616.46	1603.30	1582.77	1600.84	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				115		%
Indium	115-2				114		%
Iron	56-2	131421.47	131339.19	129563.03	130774.56	0.80	ppb
Iron	57-2	126560.47	126753.02	125379.54	126231.01	0.59	ppb
Iron	54-2	130078.27	129367.36	130340.69	129928.77	0.39	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-02 Instrumnet Name : P7
Client Sample ID : MH2D29 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:04:11 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27841.36	28800.97	29047.70	28563.34	2.23	ppb
Lead	207-1	27806.96	28781.33	28502.57	28363.62	1.77	ppb
Lead	208-1	27900.62	28883.98	29059.61	28614.74	2.18	ppb
Lithium	6-1				97		%
Magnesium	24-2	1260.69	1260.03	1260.21	1260.31	0.03	ppb
Manganese	55-2	35763.84	35929.79	36326.05	36006.56	0.80	ppb
Molybdenum	94-1	51.47	51.99	52.59	52.02	1.08	ppb
Molybdenum	95-1	61.44	62.32	62.84	62.20	1.14	ppb
Molybdenum	96-1	61.08	62.15	61.88	61.70	0.90	ppb
Molybdenum	97-1	61.26	61.61	62.72	61.86	1.24	ppb
Molybdenum	98-1	60.39	61.67	62.35	61.47	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.86	4.87	4.75	4.83	1.30	ppb
Phosphorus	31-2	1147.40	1156.04	1136.96	1146.80	0.83	ppb
Potassium	39-2	1298.88	1301.92	1283.60	1294.80	0.76	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	10.96	11.19	10.89	11.01	1.40	ppb
Selenium	77-2	12.55	15.76	12.75	13.68	13.16	ppb
Selenium	78-2	11.80	11.58	13.34	12.24	7.84	ppb
Silicon	28-1	563.79	578.15	576.69	572.88	1.38	ppb
Silver	107-1	139.71	142.07	144.83	142.21	1.80	ppb
Silver	109-1	139.79	141.07	146.79	142.55	2.61	ppb
Sodium	23-2	170.76	172.69	167.95	170.47	1.40	ppb
Strontium	86-1	989.65	1001.73	1007.61	999.66	0.92	ppb
Strontium	88-1	985.99	997.41	1019.44	1000.95	1.70	ppb
Sulfur	34-1	74224.03	73952.91	73448.52	73875.15	0.53	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	1.00	1.01	1.01	1.01	0.28	ppb
Thallium	205-1	0.96	1.00	1.02	0.99	2.68	ppb
Tin	118-1	5.65	5.63	5.68	5.65	0.50	ppb
Titanium	47-1	63.25	64.12	63.18	63.51	0.82	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-02 Instrumnet Name : P7
Client Sample ID : MH2D29 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:04:11 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.94	0.94	0.93	1.68	ppb
Vanadium	51-2	14.08	14.17	13.89	14.05	1.00	ppb
Yttrium	89-1				112		%
Yttrium	89-2				113		%
Zinc	66-2	15317.57	15287.88	15261.69	15289.05	0.18	ppb
Zirconium	90-1	0.75	0.80	0.78	0.78	3.38	ppb
Zirconium	91-1	0.91	0.82	0.84	0.86	5.57	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-03 Instrumnet Name : P7
Client Sample ID : MH2D32 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:07:20 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8193.02	8198.32	8300.91	8230.75	0.74	ppb
Antimony	121-1	22.49	22.87	23.14	22.83	1.43	ppb
Arsenic	75-2	127.45	130.53	128.39	128.79	1.22	ppb
Barium	135-1	197.48	201.35	203.56	200.80	1.53	ppb
Barium	137-1	196.06	200.42	203.59	200.02	1.89	ppb
Beryllium	9-1	1.03	1.22	1.09	1.11	8.97	ppb
Bismuth	209-1				121		%
Bismuth	209-2				115		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	11.36	11.90	12.25	11.84	3.77	ppb
Cadmium	106-1	-7.82	-13.43	-8.68	-9.98		ppb
Cadmium	111-1	11.46	11.60	11.88	11.65	1.81	ppb
Calcium	43-1	2455.34	2523.59	2516.76	2498.56	1.50	ppb
Calcium	44-1	2437.44	2534.22	2478.78	2483.48	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.88	69.27	69.98	69.71	0.55	ppb
Cobalt	59-2	10.49	10.32	10.49	10.44	0.92	ppb
Copper	63-2	842.27	838.20	843.06	841.18	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				110		%
Iron	56-2	100668.60	100051.61	101277.81	100666.01	0.61	ppb
Iron	57-2	98227.35	97664.54	98449.68	98113.86	0.41	ppb
Iron	54-2	101887.15	100380.67	101815.44	101361.09	0.84	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-03 Instrumnet Name : P7
Client Sample ID : MH2D32 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:07:20 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10220.91	10529.62	10639.05	10463.19	2.07	ppb
Lead	207-1	10071.52	10245.15	10367.44	10228.03	1.45	ppb
Lead	208-1	10155.73	10341.22	10436.95	10311.30	1.39	ppb
Lithium	6-1				100		%
Magnesium	24-2	4984.91	4975.50	5045.26	5001.89	0.76	ppb
Manganese	55-2	3771.76	3735.76	3779.49	3762.34	0.62	ppb
Molybdenum	94-1	61.01	62.04	62.24	61.76	1.07	ppb
Molybdenum	95-1	73.32	74.97	75.39	74.56	1.47	ppb
Molybdenum	96-1	72.67	74.38	75.23	74.09	1.75	ppb
Molybdenum	97-1	73.63	75.39	75.97	75.00	1.63	ppb
Molybdenum	98-1	73.45	74.43	75.00	74.29	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.91	14.71	14.85	14.82	0.71	ppb
Phosphorus	31-2	2351.55	2308.95	2327.11	2329.20	0.92	ppb
Potassium	39-2	2963.13	2955.13	3024.91	2981.06	1.28	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	82-1	2.94	3.29	2.99	3.07	6.30	ppb
Selenium	77-2	8.67	7.31	11.24	9.07	22.01	ppb
Selenium	78-2	4.25	4.08	4.24	4.19	2.27	ppb
Silicon	28-1	334.56	339.56	341.08	338.40	1.01	ppb
Silver	107-1	48.75	49.98	49.96	49.56	1.42	ppb
Silver	109-1	47.79	49.60	49.37	48.92	2.01	ppb
Sodium	23-2	259.10	257.31	260.21	258.87	0.57	ppb
Strontium	86-1	985.60	1006.37	1019.92	1003.96	1.72	ppb
Strontium	88-1	1017.08	1030.27	1043.60	1030.31	1.29	ppb
Sulfur	34-1	14257.30	14857.99	14541.45	14552.24	2.06	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.49	0.51	0.53	0.51	3.31	ppb
Thallium	205-1	0.46	0.50	0.50	0.49	3.96	ppb
Tin	118-1	18.14	18.56	18.67	18.45	1.50	ppb
Titanium	47-1	201.20	208.46	206.09	205.25	1.80	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-03 Instrumnet Name : P7
Client Sample ID : MH2D32 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:07:20 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.86	0.86	0.85	1.34	ppb
Vanadium	51-2	28.70	28.50	28.94	28.71	0.76	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	3127.07	3084.83	3119.49	3110.46	0.72	ppb
Zirconium	90-1	0.30	0.29	0.30	0.30	2.67	ppb
Zirconium	91-1	0.35	0.34	0.34	0.34	1.60	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-04 Instrumnet Name : P7
Client Sample ID : MH2D35 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:16:53 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9683.48	9611.77	9716.46	9670.57	0.55	ppb
Antimony	121-1	58.15	90.79	58.46	69.13	27.13	ppb
Arsenic	75-2	89.80	89.06	90.77	89.88	0.95	ppb
Barium	135-1	181.19	283.83	182.73	215.92	27.24	ppb
Barium	137-1	181.06	283.33	182.07	215.48	27.27	ppb
Beryllium	9-1	1.06	1.56	0.94	1.19	27.86	ppb
Bismuth	209-1				202		%
Bismuth	209-2				202		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	47.02	72.25	46.34	55.21	26.75	ppb
Cadmium	106-1	23.44	61.23	27.85	37.51	55.09	ppb
Cadmium	111-1	51.44	81.24	51.64	61.44	27.91	ppb
Calcium	43-1	3817.38	6085.19	3920.13	4607.57	27.80	ppb
Calcium	44-1	3828.50	6077.61	3880.80	4595.64	27.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.88	5.82	5.93	5.88	0.97	ppb
Cobalt	59-2	24.03	23.96	24.13	24.04	0.35	ppb
Copper	63-2	9155.79	9142.25	9208.21	9168.75	0.38	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				110		%
Indium	115-1				98		%
Indium	115-2				110		%
Iron	56-2	73541.31	73918.04	73262.99	73574.11	0.45	ppb
Iron	57-2	71941.18	71368.74	72028.97	71779.63	0.50	ppb
Iron	54-2	72883.73	73589.16	73461.67	73311.52	0.51	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-04 Instrumnet Name : P7
Client Sample ID : MH2D35 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:16:53 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12881.49	15891.56	13033.37	13935.47	12.17	ppb
Lead	207-1	12296.95	15449.87	12550.34	13432.39	13.04	ppb
Lead	208-1	12550.18	15566.75	12714.94	13610.62	12.46	ppb
Lithium	6-1				92		%
Magnesium	24-2	5187.38	5175.24	5172.02	5178.21	0.16	ppb
Manganese	55-2	22712.13	22840.65	22658.59	22737.12	0.41	ppb
Molybdenum	94-1	78.58	125.20	80.61	94.80	27.80	ppb
Molybdenum	95-1	94.59	149.20	96.83	113.54	27.22	ppb
Molybdenum	96-1	93.19	146.55	95.00	111.58	27.15	ppb
Molybdenum	97-1	94.59	150.82	97.67	114.36	27.64	ppb
Molybdenum	98-1	94.00	148.63	96.35	113.00	27.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.18	7.95	8.10	8.08	1.45	ppb
Phosphorus	31-2	1416.39	1434.71	1462.51	1437.87	1.62	ppb
Potassium	39-2	1144.55	1158.47	1161.01	1154.68	0.77	ppb
Rhodium	103-1				98		%
Rhodium	103-2				111		%
Scandium	45-1				100		%
Scandium	45-2				112		%
Selenium	82-1	9.85	16.09	9.86	11.93	30.18	ppb
Selenium	77-2	14.58	17.30	15.16	15.68	9.15	ppb
Selenium	78-2	9.99	10.80	11.32	10.71	6.25	ppb
Silicon	28-1	458.15	776.23	499.79	578.06	29.91	ppb
Silver	107-1	189.61	300.42	195.28	228.44	27.32	ppb
Silver	109-1	191.70	303.72	191.22	228.88	28.32	ppb
Sodium	23-2	90.74	90.66	91.09	90.83	0.26	ppb
Strontium	86-1	899.13	1416.90	920.57	1078.86	27.15	ppb
Strontium	88-1	897.26	1431.16	923.92	1084.11	27.75	ppb
Sulfur	34-1	15940.81	27942.54	16500.92	20128.09	33.65	ppb
Terbium	159-1				99		%
Terbium	159-2				108		%
Thallium	203-1	0.27	0.36	0.28	0.30	15.77	ppb
Thallium	205-1	0.27	0.35	0.28	0.30	13.77	ppb
Tin	118-1	146.78	239.29	147.04	177.70	30.01	ppb
Titanium	47-1	62.93	100.52	64.74	76.06	27.87	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-04 Instrumnet Name : P7
Client Sample ID : MH2D35 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:16:53 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	1.14	0.92	0.99	12.67	ppb
Vanadium	51-2	24.22	24.38	24.21	24.27	0.40	ppb
Yttrium	89-1				103		%
Yttrium	89-2				114		%
Zinc	66-2	8401.35	8379.98	8485.49	8422.27	0.66	ppb
Zirconium	90-1	0.69	1.08	0.72	0.83	26.14	ppb
Zirconium	91-1	0.73	1.18	0.76	0.89	28.19	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:21:34 DataFile Name : 031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51924.05	52070.42	51448.66	51814.38	0.63	ppb
Antimony	121-1	497.10	510.08	508.43	505.20	1.40	ppb
Arsenic	75-2	501.07	505.08	501.87	502.67	0.42	ppb
Barium	135-1	2522.65	2600.42	2584.29	2569.12	1.60	ppb
Barium	137-1	2502.50	2600.38	2588.37	2563.75	2.08	ppb
Beryllium	9-1	480.10	496.59	493.44	490.04	1.79	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	477.37	498.88	500.60	492.29	2.63	ppb
Cadmium	106-1	461.03	467.03	470.92	466.32	1.07	ppb
Cadmium	111-1	475.44	489.85	489.43	484.91	1.69	ppb
Calcium	43-1	243708.93	255362.94	260465.42	253179.10	3.39	ppb
Calcium	44-1	244708.54	259704.58	259911.56	254774.89	3.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	528.36	526.34	517.42	524.04	1.11	ppb
Cobalt	59-2	521.59	528.69	515.45	521.91	1.27	ppb
Copper	63-2	5002.46	5060.79	4978.30	5013.85	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	134695.39	134660.84	133385.87	134247.37	0.56	ppb
Iron	57-2	133545.63	134344.46	132357.60	133415.90	0.75	ppb
Iron	54-2	135058.32	135003.76	133758.24	134606.78	0.55	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:21:34 DataFile Name : 031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2509.60	2635.10	2652.02	2598.91	2.99	ppb
Lead	207-1	2499.00	2630.89	2649.56	2593.15	3.16	ppb
Lead	208-1	2514.29	2641.29	2648.90	2601.49	2.91	ppb
Lithium	6-1				101		%
Magnesium	24-2	264652.32	263899.53	261876.88	263476.24	0.54	ppb
Manganese	55-2	5198.66	5222.63	5155.84	5192.38	0.65	ppb
Molybdenum	94-1	4898.31	5100.71	5181.07	5060.03	2.88	ppb
Molybdenum	95-1	4894.69	5147.85	5163.69	5068.74	2.98	ppb
Molybdenum	96-1	4870.12	5178.21	5142.28	5063.54	3.33	ppb
Molybdenum	97-1	4879.27	5212.54	5177.10	5089.64	3.60	ppb
Molybdenum	98-1	4881.65	5205.60	5216.58	5101.28	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.57	489.89	487.45	488.31	0.28	ppb
Phosphorus	31-2	10228.33	10221.85	10142.32	10197.50	0.47	ppb
Potassium	39-2	129815.15	129593.27	128606.18	129338.20	0.50	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	82-1	455.78	484.72	487.16	475.89	3.67	ppb
Selenium	77-2	504.21	493.97	489.23	495.80	1.54	ppb
Selenium	78-2	494.40	486.63	481.09	487.37	1.37	ppb
Silicon	28-1	249.43	258.67	261.50	256.53	2.46	ppb
Silver	107-1	492.77	506.22	502.24	500.41	1.38	ppb
Silver	109-1	487.68	498.01	492.12	492.60	1.05	ppb
Sodium	23-2	263921.50	266597.68	263158.00	264559.06	0.68	ppb
Strontium	86-1	12271.05	12906.01	13076.39	12751.15	3.33	ppb
Strontium	88-1	12450.56	13050.27	13110.19	12870.34	2.83	ppb
Sulfur	34-1	10046.38	10668.99	10717.48	10477.62	3.57	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	508.79	531.35	533.76	524.63	2.62	ppb
Thallium	205-1	500.93	531.52	533.51	521.98	3.50	ppb
Tin	118-1	498.67	504.23	508.58	503.83	0.99	ppb
Titanium	47-1	4913.25	5181.15	5272.54	5122.31	3.65	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:21:34 DataFile Name : 031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	513.70	550.28	546.66	536.88	3.75	ppb
Vanadium	51-2	533.61	523.16	520.54	525.77	1.32	ppb
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	4982.48	5033.75	4874.98	4963.74	1.63	ppb
Zirconium	90-1	495.49	518.23	520.76	511.49	2.72	ppb
Zirconium	91-1	497.18	520.29	533.80	517.09	3.58	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:28:34 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.74	0.93	0.85	0.84	11.38	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	17.31	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	8.03	ppb
Barium	135-1	0.05	0.02	0.05	0.04	35.14	ppb
Barium	137-1	0.05	0.04	0.03	0.04	26.32	ppb
Beryllium	9-1	0.01	-0.01	-0.01	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.37	-0.06	-0.16	-0.20		ppb
Cadmium	106-1	-43.67	-42.48	-44.91	-43.69		ppb
Cadmium	111-1	0.02	-0.01	-0.02	0.00		ppb
Calcium	43-1	0.66	2.57	-1.86	0.46	485.06	ppb
Calcium	44-1	-0.93	-2.35	-4.43	-2.57		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	-0.03	0.03	0.01	304.07	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	95.73	ppb
Copper	63-2	0.33	0.36	0.35	0.35	3.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	2.77	2.69	2.48	2.65	5.59	ppb
Iron	57-2	0.41	1.13	0.80	0.78	45.70	ppb
Iron	54-2	2.97	2.99	1.86	2.60	24.82	ppb
Krypton	83-1						cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:28:34 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.38	0.35	0.34	0.35	5.77	ppb
Lead	207-1	0.35	0.32	0.31	0.33	5.56	ppb
Lead	208-1	0.36	0.34	0.32	0.34	5.11	ppb
Lithium	6-1				105		%
Magnesium	24-2	3.38	3.37	3.13	3.29	4.22	ppb
Manganese	55-2	0.24	0.25	0.18	0.22	16.43	ppb
Molybdenum	94-1	0.14	0.10	0.10	0.11	18.27	ppb
Molybdenum	95-1	0.13	0.12	0.11	0.12	11.44	ppb
Molybdenum	96-1	0.11	0.12	0.12	0.12	2.40	ppb
Molybdenum	97-1	0.11	0.11	0.12	0.11	5.09	ppb
Molybdenum	98-1	0.10	0.09	0.09	0.10	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.03	0.00	0.00		ppb
Phosphorus	31-2	-17.71	-21.49	-17.31	-18.84		ppb
Potassium	39-2	-0.22	0.15	-0.04	-0.03		ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	-0.35	-0.29	-0.47	-0.37		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.69	-0.05	0.03	0.22	183.68	ppb
Silicon	28-1	-25.85	-10.62	-9.96	-15.47		ppb
Silver	107-1	0.03	0.02	0.01	0.02	31.19	ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.91	ppb
Sodium	23-2	14.06	14.12	14.19	14.13	0.46	ppb
Strontium	86-1	0.25	0.11	-0.50	-0.05		ppb
Strontium	88-1	0.26	0.26	0.23	0.25	6.70	ppb
Sulfur	34-1	-291.96	-258.58	-281.17	-277.24		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.05	0.05	0.05	1.47	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	12.22	ppb
Tin	118-1	0.00	0.29	0.00	0.10	172.87	ppb
Titanium	47-1	0.10	0.07	0.09	0.09	13.69	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:28:34 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	12.17	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	31.56	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.10	0.09	0.13	0.11	21.15	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	24.04	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	66.75	ppb

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:44:22 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	73	63	80	26.02	cps
Antimony	121-1	63	50	30	48	35.11	cps
Arsenic	75-2	17	17	23	19	20.36	cps
Barium	135-1	47	47	63	52	18.42	cps
Barium	137-1	87	90	103	93	9.45	cps
Beryllium	9-1	60	70	77	69	12.18	cps
Bismuth	209-1	10192427	10179336	10498301	10290022	1.75	cps
Bismuth	209-2	8213872	8147294	8096555	8152574	0.72	cps
Bromine	81-1	14397	14043	13987	14142	1.57	cps
Bromine	81-2	143	147	183	158	14.07	cps
Cadmium	108-1	190	167	207	188	10.70	cps
Cadmium	106-1	84071	82308	86438	84273	2.46	cps
Cadmium	111-1	337	352	318	335	5.09	cps
Calcium	43-1	633	530	600	588	8.97	cps
Calcium	44-1	20100	19132	20758	19997	4.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3307	3350	3334	3330	0.66	cps
Cobalt	59-2	257	203	247	236	12.03	cps
Copper	63-2	3327	3014	3380	3240	6.11	cps
Dysprosium	156-1	17	23	3	14	70.51	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	110	77	83	90	19.60	cps
Erbium	164-2	27	73	43	48	49.49	cps
Gadolinium	160-1	253	350	320	308	16.08	cps
Gadolinium	160-2	877	763	790	810	7.32	cps
Holmium	165-1	16139536	15950240	16499351	16196376	1.72	cps
Holmium	165-2	11159099	11197892	11163236	11173409	0.19	cps
Indium	115-1	12564032	12352375	12566965	12494458	0.98	cps
Indium	115-2	4881598	4867442	4851520	4866853	0.31	cps
Iron	56-2	23054	22934	22524	22837	1.22	cps
Iron	57-2	1803	1820	1810	1811	0.46	cps
Iron	54-2	2877	2917	2800	2865	2.07	cps
Krypton	83-1	227	227	213	222	3.46	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:44:22 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	367	387	397	383	3.98	cps
Lead	207-1	400	363	433	399	8.78	cps
Lead	208-1	1603	1643	1637	1628	1.32	cps
Lithium	6-1	1505038	1479475	1491507	1492007	0.86	cps
Magnesium	24-2	517	367	417	433	17.63	cps
Manganese	55-2	383	443	383	403	8.59	cps
Molybdenum	94-1	477	447	560	494	11.88	cps
Molybdenum	95-1	393	383	413	397	3.85	cps
Molybdenum	96-1	500	453	597	517	14.15	cps
Molybdenum	97-1	280	307	273	287	6.15	cps
Molybdenum	98-1	757	750	650	719	8.31	cps
Neodymium	150-1	17	10	13	13	25.01	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1050	940	923	971	7.09	cps
Phosphorus	31-2	447	433	297	392	21.17	cps
Potassium	39-2	54410	55026	55042	54826	0.66	cps
Rhodium	103-1	11462412	11246871	11835559	11514947	2.59	cps
Rhodium	103-2	7043388	7028492	7000613	7024164	0.31	cps
Scandium	45-1	6343689	6263487	6436083	6347753	1.36	cps
Scandium	45-2	592106	589432	586549	589362	0.47	cps
Selenium	82-1	457	488	485	477	3.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	403	437	357	399	10.08	cps
Silicon	28-1	1476679	1508421	1479570	1488223	1.18	cps
Silver	107-1	180	157	187	174	9.03	cps
Silver	109-1	60	70	50	60	16.67	cps
Sodium	23-2	24393	23588	22964	23648	3.03	cps
Strontium	86-1	343	363	347	351	3.05	cps
Strontium	88-1	220	217	237	224	4.77	cps
Sulfur	34-1	176520	177080	175505	176368	0.45	cps
Terbium	159-1	16438456	16273575	16544959	16418997	0.83	cps
Terbium	159-2	11352199	11119833	11103591	11191874	1.24	cps
Thallium	203-1	217	260	217	231	10.83	cps
Thallium	205-1	657	603	593	618	5.51	cps
Tin	118-1	1057	1087	1147	1097	4.18	cps
Titanium	47-1	77	70	93	80	15.02	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:44:22 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	173	140	153	156	10.79	cps
Vanadium	51-2	23	27	20	23	14.29	cps
Yttrium	89-1	18624969	18366925	18826723	18606206	1.24	cps
Yttrium	89-2	5453378	5375487	5300611	5376492	1.42	cps
Zinc	66-2	317	253	303	291	11.47	cps
Zirconium	90-1	1700	1737	1733	1723	1.18	cps
Zirconium	91-1	183	170	170	174	4.42	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S01 Instrumnet Name : P7
Client Sample ID : S01 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:47:36 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667	603	613	628	5.42	cps
Antimony	121-1	2524	2367	2367	2419	3.74	cps
Arsenic	75-2	97	103	87	96	8.78	cps
Barium	135-1	3017	3234	3270	3174	4.31	cps
Barium	137-1	5381	5655	5514	5517	2.48	cps
Beryllium	9-1	200	210	193	201	4.17	cps
Bismuth	209-1	10249494	10319838	10104725	10224686	1.07	cps
Bismuth	209-2	8145026	8213914	8229897	8196279	0.55	cps
Bromine	81-1	13540	13376	13273	13396	1.00	cps
Bromine	81-2	147	123	117	129	12.22	cps
Cadmium	108-1	253	207	173	211	19.03	cps
Cadmium	106-1	84276	84145	82774	83732	0.99	cps
Cadmium	111-1	Rejected	Rejected	Rejected			cps
Calcium	43-1	2147	2023	2200	2124	4.27	cps
Calcium	44-1	45742	45906	46652	46100	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4337	4244	4391	4324	1.72	cps
Cobalt	59-2	1053	1040	1063	1052	1.11	cps
Copper	63-2	4401	4284	4627	4437	3.94	cps
Dysprosium	156-1	10	3	0	4	114.60	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	80	97	90	89	9.44	cps
Erbium	164-2	90	20	50	53	65.85	cps
Gadolinium	160-1	300	307	367	324	11.32	cps
Gadolinium	160-2	810	970	863	881	9.25	cps
Holmium	165-1	16165386	15910704	15928814	16001634	0.89	cps
Holmium	165-2	11306665	11182317	11127092	11205358	0.82	cps
Indium	115-1	12652623	12531606	12207091	12463773	1.85	cps
Indium	115-2	4916515	4857821	4838484	4870940	0.83	cps
Iron	56-2	47354	48030	47261	47548	0.88	cps
Iron	57-2	2697	2554	2660	2637	2.82	cps
Iron	54-2	4484	4487	4087	4353	5.29	cps
Krypton	83-1	157	200	210	189	15.01	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S01 Instrumnet Name : P7
Client Sample ID : S01 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:47:36 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1553	1520	1530	1535	1.11	cps
Lead	207-1	1447	1203	1310	1320	9.24	cps
Lead	208-1	6161	5794	6047	6001	3.13	cps
Lithium	6-1	1476625	1478628	1474214	1476489	0.15	cps
Magnesium	24-2	21605	21722	21498	21609	0.52	cps
Manganese	55-2	Rejected	Rejected	Rejected			cps
Molybdenum	94-1	3024	2720	3164	2969	7.63	cps
Molybdenum	95-1	3507	3477	3517	3500	0.59	cps
Molybdenum	96-1	3957	3864	4067	3963	2.57	cps
Molybdenum	97-1	2057	2204	2227	2162	4.26	cps
Molybdenum	98-1	5384	5798	5885	5689	4.70	cps
Neodymium	150-1	3	0	0	1	173.21	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	Rejected	Rejected	Rejected			cps
Phosphorus	31-2	383	350	373	369	4.64	cps
Potassium	39-2	85002	83863	83977	84280	0.74	cps
Rhodium	103-1	11533223	11512959	11294664	11446949	1.16	cps
Rhodium	103-2	7100619	6969207	7047616	7039147	0.94	cps
Scandium	45-1	6437415	6272891	6303932	6338079	1.38	cps
Scandium	45-2	593401	588852	588153	590135	0.48	cps
Selenium	82-1	Rejected	Rejected	Rejected			cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	477	410	410	432	8.91	cps
Silicon	28-1	1559698	1468866	1562605	1530390	3.48	cps
Silver	107-1	1627	1657	1763	1682	4.27	cps
Silver	109-1	1483	1523	1543	1517	2.01	cps
Sodium	23-2	58149	57366	57463	57660	0.74	cps
Strontium	86-1	620	670	627	639	4.25	cps
Strontium	88-1	3684	3527	3504	3572	2.74	cps
Sulfur	34-1	172650	175353	172943	173649	0.85	cps
Terbium	159-1	16384341	16273087	15971584	16209671	1.32	cps
Terbium	159-2	11158720	11078618	11171808	11136382	0.45	cps
Thallium	203-1	1597	1550	1717	1621	5.30	cps
Thallium	205-1	3861	3721	3914	3832	2.61	cps
Tin	118-1	5875	6291	6021	6062	3.49	cps
Titanium	47-1	807	853	793	818	3.85	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S01 Instrumnet Name : P7
Client Sample ID : S01 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:47:36 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4024	4047	3941	4004	1.40	cps
Vanadium	51-2	2200	2164	2127	2164	1.70	cps
Yttrium	89-1	18765574	18428873	18360274	18518240	1.17	cps
Yttrium	89-2	5369846	5362755	5363227	5365276	0.07	cps
Zinc	66-2	Rejected	Rejected	Rejected			cps
Zirconium	90-1	3654	3667	3941	3754	4.31	cps
Zirconium	91-1	593	550	520	554	6.65	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:50:53 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4714	4874	4994	4861	2.89	cps
Antimony	121-1	24124	24885	24504	24504	1.55	cps
Arsenic	75-2	800	683	650	711	11.08	cps
Barium	135-1	31602	31602	30630	31278	1.79	cps
Barium	137-1	53718	54651	54276	54215	0.87	cps
Beryllium	9-1	1303	1490	1383	1392	6.73	cps
Bismuth	209-1	10315967	10287059	10247891	10283639	0.33	cps
Bismuth	209-2	8209897	8246734	8166483	8207705	0.49	cps
Bromine	81-1	13466	14010	13403	13626	2.45	cps
Bromine	81-2	120	147	127	131	10.59	cps
Cadmium	108-1	430	393	383	402	6.11	cps
Cadmium	106-1	86171	82985	83076	84077	2.16	cps
Cadmium	111-1	3397	3470	3501	3456	1.54	cps
Calcium	43-1	15795	16062	15888	15915	0.85	cps
Calcium	44-1	269125	271274	271134	270511	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13570	13733	13072	13458	2.56	cps
Cobalt	59-2	8266	8352	8422	8347	0.94	cps
Copper	63-2	14187	14090	14157	14145	0.35	cps
Dysprosium	156-1	23	20	20	21	9.11	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	73	113	73	87	26.65	cps
Erbium	164-2	50	40	70	53	28.64	cps
Gadolinium	160-1	307	273	310	297	6.83	cps
Gadolinium	160-2	853	867	870	863	1.02	cps
Holmium	165-1	16148210	15984287	16059796	16064098	0.51	cps
Holmium	165-2	11313757	11338672	11111956	11254795	1.10	cps
Indium	115-1	12524774	12447060	12349307	12440380	0.71	cps
Indium	115-2	4915826	4949683	4845579	4903696	1.08	cps
Iron	56-2	260803	263474	259452	261243	0.78	cps
Iron	57-2	8336	8516	8576	8476	1.47	cps
Iron	54-2	16072	16276	16159	16169	0.63	cps
Krypton	83-1	160	170	207	179	13.74	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:50:53 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9940	10567	10955	10487	4.88	cps
Lead	207-1	8549	9273	8966	8930	4.07	cps
Lead	208-1	40471	42273	42333	41692	2.54	cps
Lithium	6-1	1464914	1484885	1472253	1474018	0.69	cps
Magnesium	24-2	214001	214217	213294	213837	0.23	cps
Manganese	55-2	4271	4291	4611	4391	4.35	cps
Molybdenum	94-1	24417	24577	24688	24561	0.55	cps
Molybdenum	95-1	29313	29640	29710	29554	0.72	cps
Molybdenum	96-1	32870	32844	33766	33160	1.58	cps
Molybdenum	97-1	18562	19293	18722	18859	2.04	cps
Molybdenum	98-1	48259	48764	48290	48438	0.58	cps
Neodymium	150-1	10	17	7	11	45.82	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	2937	3000	3010	2983	1.33	cps
Phosphorus	31-2	773	867	707	782	10.27	cps
Potassium	39-2	344172	344441	347092	345235	0.47	cps
Rhodium	103-1	11633879	11366247	11339754	11446627	1.42	cps
Rhodium	103-2	7093864	7036001	6875271	7001712	1.62	cps
Scandium	45-1	6458464	6354214	6387357	6400012	0.83	cps
Scandium	45-2	595669	594602	583741	591338	1.12	cps
Selenium	82-1	1445	1489	1540	1492	3.20	cps
Selenium	77-2	127	87	113	109	18.70	cps
Selenium	78-2	713	907	800	807	12.00	cps
Silicon	28-1	1553069	1592611	1558096	1567925	1.37	cps
Silver	107-1	14804	15135	15285	15075	1.63	cps
Silver	109-1	13974	14367	14471	14270	1.84	cps
Sodium	23-2	364603	362987	363526	363705	0.23	cps
Strontium	86-1	4254	3911	4121	4095	4.23	cps
Strontium	88-1	33147	32456	33047	32883	1.14	cps
Sulfur	34-1	176587	175687	174237	175504	0.68	cps
Terbium	159-1	16576936	16270233	16243945	16363705	1.13	cps
Terbium	159-2	11330643	11148768	10900705	11126705	1.94	cps
Thallium	203-1	12953	12819	12970	12914	0.64	cps
Thallium	205-1	29956	30775	29833	30188	1.70	cps
Tin	118-1	51103	52532	51649	51761	1.39	cps
Titanium	47-1	7115	7002	7065	7061	0.80	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:50:53 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36630	37439	36911	36994	1.11	cps
Vanadium	51-2	21906	22013	21769	21896	0.56	cps
Yttrium	89-1	18731601	18416826	18476083	18541503	0.90	cps
Yttrium	89-2	5413258	5424311	5337764	5391778	0.87	cps
Zinc	66-2	5121	5034	5158	5104	1.24	cps
Zirconium	90-1	21269	21713	21977	21653	1.65	cps
Zirconium	91-1	4437	4741	4441	4540	3.84	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:54:07 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225902	224072	222475	224150	0.76	cps
Antimony	121-1	568723	572919	570572	570738	0.37	cps
Arsenic	75-2	30608	29900	30201	30236	1.18	cps
Barium	135-1	725227	731381	729745	728785	0.44	cps
Barium	137-1	1267315	1281135	1274857	1274436	0.54	cps
Beryllium	9-1	64342	63937	63998	64092	0.34	cps
Bismuth	209-1	10574827	10583693	10495408	10551309	0.46	cps
Bismuth	209-2	8341283	8432731	8286776	8353597	0.88	cps
Bromine	81-1	13900	13516	13606	13674	1.47	cps
Bromine	81-2	190	150	133	158	18.46	cps
Cadmium	108-1	11548	11815	11902	11755	1.57	cps
Cadmium	106-1	100763	98998	98813	99525	1.08	cps
Cadmium	111-1	138525	138925	138231	138560	0.25	cps
Calcium	43-1	142535	144181	139468	142061	1.68	cps
Calcium	44-1	2290565	2247231	2226483	2254760	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	230891	231393	227883	230056	0.83	cps
Cobalt	59-2	355674	355941	354896	355504	0.15	cps
Copper	63-2	2655836	2635362	2689307	2660169	1.02	cps
Dysprosium	156-1	83	63	73	73	13.64	cps
Dysprosium	156-2	67	60	97	74	26.24	cps
Erbium	164-1	103	120	80	101	19.87	cps
Erbium	164-2	80	27	57	54	49.10	cps
Gadolinium	160-1	277	263	313	284	9.10	cps
Gadolinium	160-2	860	883	873	872	1.34	cps
Holmium	165-1	16299570	16170933	16208506	16226336	0.41	cps
Holmium	165-2	11330284	11440011	11347003	11372433	0.52	cps
Indium	115-1	12576891	12342065	12324390	12414449	1.14	cps
Indium	115-2	4884636	4851330	4790814	4842260	0.98	cps
Iron	56-2	10675807	10613459	10525702	10604989	0.71	cps
Iron	57-2	274128	273551	272856	273512	0.23	cps
Iron	54-2	608738	605172	602123	605345	0.55	cps
Krypton	83-1	227	220	190	212	9.20	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:54:07 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2505833	2514134	2529324	2516430	0.47	cps
Lead	207-1	2196385	2222117	2210296	2209600	0.58	cps
Lead	208-1	10005517	10090812	10102140	10066156	0.52	cps
Lithium	6-1	1521666	1510642	1518645	1516984	0.38	cps
Magnesium	24-2	1931871	1884868	1886364	1901034	1.41	cps
Manganese	55-2	1799836	1783296	1786220	1789784	0.49	cps
Molybdenum	94-1	1969760	1995103	1950877	1971913	1.13	cps
Molybdenum	95-1	2859399	2819146	2828308	2835617	0.74	cps
Molybdenum	96-1	3098060	3071030	3051894	3073661	0.75	cps
Molybdenum	97-1	1775273	1769171	1764166	1769537	0.31	cps
Molybdenum	98-1	4608734	4579285	4541914	4576644	0.73	cps
Neodymium	150-1	43	47	53	48	10.66	cps
Neodymium	150-2	10	27	17	18	47.19	cps
Nickel	60-2	91621	91071	90447	91046	0.65	cps
Phosphorus	31-2	11988	11855	11941	11928	0.57	cps
Potassium	39-2	1396171	1355825	1371636	1374544	1.48	cps
Rhodium	103-1	11409742	11192850	11291014	11297869	0.96	cps
Rhodium	103-2	6991805	6891939	6825707	6903150	1.21	cps
Scandium	45-1	6447757	6272204	6270368	6330110	1.61	cps
Scandium	45-2	584429	576276	579809	580171	0.70	cps
Selenium	82-1	9218	8967	9297	9161	1.88	cps
Selenium	77-2	1083	993	1053	1043	4.39	cps
Selenium	78-2	3594	3711	3690	3665	1.70	cps
Silicon	28-1	2557224	2567117	2541772	2555371	0.50	cps
Silver	107-1	732337	739588	739868	737264	0.58	cps
Silver	109-1	696114	706825	704987	702642	0.82	cps
Sodium	23-2	3314917	3282683	3279069	3292223	0.60	cps
Strontium	86-1	172825	173614	173921	173453	0.33	cps
Strontium	88-1	1548481	1553245	1526191	1542639	0.94	cps
Sulfur	34-1	210830	208084	209482	209465	0.66	cps
Terbium	159-1	16737742	16398254	16503124	16546374	1.05	cps
Terbium	159-2	11125522	11087368	11211127	11141339	0.57	cps
Thallium	203-1	600308	604145	607602	604018	0.60	cps
Thallium	205-1	1430978	1433880	1441519	1435459	0.38	cps
Tin	118-1	473152	474400	474945	474166	0.19	cps
Titanium	47-1	654634	653102	652431	653389	0.17	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:54:07 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1884075	1905627	1945374	1911692	1.63	cps
Vanadium	51-2	196381	196898	198896	197391	0.67	cps
Yttrium	89-1	18772878	18528641	18445354	18582291	0.92	cps
Yttrium	89-2	5399711	5315968	5319065	5344915	0.89	cps
Zinc	66-2	434916	436355	430912	434061	0.65	cps
Zirconium	90-1	932088	928197	927360	929215	0.27	cps
Zirconium	91-1	208834	209466	206952	208417	0.63	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:57:08 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	541776	532241	529942	534653	1.17	cps
Antimony	121-1	1420160	1418087	1412136	1416794	0.29	cps
Arsenic	75-2	72888	73990	72338	73072	1.15	cps
Barium	135-1	1876032	1857193	1866292	1866506	0.50	cps
Barium	137-1	3264302	3289083	3256490	3269958	0.52	cps
Beryllium	9-1	160304	161661	162375	161446	0.65	cps
Bismuth	209-1	10778493	10546127	10572829	10632483	1.20	cps
Bismuth	209-2	8251646	8247691	8463491	8320943	1.48	cps
Bromine	81-1	12796	12622	12639	12686	0.75	cps
Bromine	81-2	137	127	80	114	26.43	cps
Cadmium	108-1	29106	28431	28197	28578	1.65	cps
Cadmium	106-1	121395	119768	119489	120218	0.86	cps
Cadmium	111-1	340532	342186	346881	343200	0.96	cps
Calcium	43-1	340906	342171	340388	341155	0.27	cps
Calcium	44-1	5337646	5441117	5317667	5365477	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	547047	547125	544186	546119	0.31	cps
Cobalt	59-2	851494	854622	850764	852293	0.24	cps
Copper	63-2	6418165	6290186	6281700	6330017	1.21	cps
Dysprosium	156-1	173	190	150	171	11.74	cps
Dysprosium	156-2	133	173	173	160	14.43	cps
Erbium	164-1	133	110	97	113	16.38	cps
Erbium	164-2	47	63	70	60	20.03	cps
Gadolinium	160-1	313	313	267	298	9.05	cps
Gadolinium	160-2	790	880	850	840	5.46	cps
Holmium	165-1	16613824	16160067	16171086	16314992	1.59	cps
Holmium	165-2	11283809	11416297	11487573	11395893	0.91	cps
Indium	115-1	12447618	12236676	12090830	12258375	1.46	cps
Indium	115-2	4740347	4669025	4684567	4697980	0.80	cps
Iron	56-2	25683192	25519088	25318933	25507071	0.72	cps
Iron	57-2	658309	654798	652973	655360	0.41	cps
Iron	54-2	1437352	1409528	1405061	1417314	1.23	cps
Krypton	83-1	180	183	167	177	4.99	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:57:08 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6217966	6373484	6341253	6310901	1.30	cps
Lead	207-1	5506181	5645037	5606042	5585753	1.28	cps
Lead	208-1	25097034	25528295	25588835	25404721	1.06	cps
Lithium	6-1	1544112	1542516	1557998	1548209	0.55	cps
Magnesium	24-2	4596009	4561017	4576073	4577700	0.38	cps
Manganese	55-2	4316520	4310422	4311289	4312743	0.08	cps
Molybdenum	94-1	4834973	4829406	4763196	4809192	0.83	cps
Molybdenum	95-1	6922939	6949540	6898453	6923644	0.37	cps
Molybdenum	96-1	7471021	7579816	7476273	7509037	0.82	cps
Molybdenum	97-1	4332325	4363705	4325612	4340547	0.47	cps
Molybdenum	98-1	11136911	11267808	11081364	11162027	0.86	cps
Neodymium	150-1	100	127	130	119	13.83	cps
Neodymium	150-2	43	30	27	33	26.45	cps
Nickel	60-2	215993	217031	215907	216310	0.29	cps
Phosphorus	31-2	28049	28610	27338	27999	2.28	cps
Potassium	39-2	3191190	3181634	3155545	3176123	0.58	cps
Rhodium	103-1	11375546	11076720	10904094	11118787	2.15	cps
Rhodium	103-2	6761018	6712612	6757281	6743637	0.40	cps
Scandium	45-1	6128644	6067417	5964989	6053684	1.37	cps
Scandium	45-2	554766	552239	548197	551734	0.60	cps
Selenium	82-1	21787	21800	21635	21740	0.42	cps
Selenium	77-2	2417	2390	2537	2448	3.19	cps
Selenium	78-2	8669	8382	8376	8476	1.98	cps
Silicon	28-1	4010839	4019398	3923221	3984486	1.34	cps
Silver	107-1	1809951	1818879	1806693	1811841	0.35	cps
Silver	109-1	1731080	1749734	1736035	1738949	0.56	cps
Sodium	23-2	7871897	8020859	7950041	7947599	0.94	cps
Strontium	86-1	423229	425800	427044	425358	0.46	cps
Strontium	88-1	3773184	3787275	3825019	3795159	0.71	cps
Sulfur	34-1	253963	251955	250746	252221	0.64	cps
Terbium	159-1	16756595	16412731	16453290	16540872	1.14	cps
Terbium	159-2	11271852	11241564	11210695	11241370	0.27	cps
Thallium	203-1	1514996	1525383	1526245	1522208	0.41	cps
Thallium	205-1	3756372	3834828	3825796	3805665	1.13	cps
Tin	118-1	1159502	1167471	1161568	1162847	0.36	cps
Titanium	47-1	1598961	1593928	1572703	1588531	0.88	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:57:08 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4814897	4975401	4902581	4897627	1.64	cps
Vanadium	51-2	475487	471794	470415	472565	0.56	cps
Yttrium	89-1	18219017	18081673	17965228	18088639	0.70	cps
Yttrium	89-2	5179618	5163235	5206549	5183134	0.42	cps
Zinc	66-2	1049044	1047560	1048377	1048327	0.07	cps
Zirconium	90-1	2309274	2346205	2299149	2318210	1.07	cps
Zirconium	91-1	510502	508331	508966	509266	0.22	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:59:58 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1006297	1010465	1009032	1008598	0.21	cps
Antimony	121-1	2790199	2851751	2867198	2836383	1.44	cps
Arsenic	75-2	138906	137456	138788	138383	0.58	cps
Barium	135-1	3583810	3688906	3708271	3660329	1.83	cps
Barium	137-1	6265771	6398450	6302087	6322103	1.08	cps
Beryllium	9-1	306524	311745	314623	310964	1.32	cps
Bismuth	209-1	10590560	10497240	10594140	10560647	0.52	cps
Bismuth	209-2	8262281	8206317	8128022	8198873	0.82	cps
Bromine	81-1	12302	11878	11695	11958	2.60	cps
Bromine	81-2	127	123	113	121	5.73	cps
Cadmium	108-1	53726	55429	55014	54723	1.62	cps
Cadmium	106-1	151319	152881	152770	152323	0.57	cps
Cadmium	111-1	648486	664100	660633	657740	1.25	cps
Calcium	43-1	638077	654404	642109	644863	1.32	cps
Calcium	44-1	10096919	10305672	10071957	10158183	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1027314	1024969	1021391	1024558	0.29	cps
Cobalt	59-2	1620054	1617164	1629676	1622298	0.40	cps
Copper	63-2	12009631	11954763	11795333	11919909	0.93	cps
Dysprosium	156-1	397	283	363	348	16.75	cps
Dysprosium	156-2	253	347	293	298	15.73	cps
Erbium	164-1	123	110	147	127	14.65	cps
Erbium	164-2	103	57	60	73	35.50	cps
Gadolinium	160-1	297	300	280	292	3.67	cps
Gadolinium	160-2	820	820	763	801	4.08	cps
Holmium	165-1	16157379	15998146	15919625	16025050	0.76	cps
Holmium	165-2	11366657	11248543	11237943	11284381	0.63	cps
Indium	115-1	11840658	11761176	11730921	11777585	0.48	cps
Indium	115-2	4539645	4505863	4448641	4498050	1.02	cps
Iron	56-2	48489481	48013758	48375301	48292847	0.51	cps
Iron	57-2	1236643	1233538	1241262	1237148	0.31	cps
Iron	54-2	2719278	2697630	2682402	2699770	0.69	cps
Krypton	83-1	193	160	140	164	16.39	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:59:58 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12423711	12626585	12845732	12632010	1.67	cps
Lead	207-1	11020169	11242306	11343384	11201953	1.48	cps
Lead	208-1	50056090	51188988	51240747	50828608	1.32	cps
Lithium	6-1	1554141	1548977	1554751	1552623	0.20	cps
Magnesium	24-2	8707337	8670015	8665565	8680972	0.26	cps
Manganese	55-2	8307187	8194375	8225437	8242333	0.71	cps
Molybdenum	94-1	9206458	9362222	9263413	9277364	0.85	cps
Molybdenum	95-1	13286701	13498771	13372994	13386155	0.80	cps
Molybdenum	96-1	14417285	14708697	14525112	14550365	1.01	cps
Molybdenum	97-1	8230749	8448618	8390454	8356607	1.35	cps
Molybdenum	98-1	21356197	21841394	21692452	21630014	1.15	cps
Neodymium	150-1	203	237	233	224	8.18	cps
Neodymium	150-2	67	63	40	57	25.64	cps
Nickel	60-2	403387	401377	402112	402292	0.25	cps
Phosphorus	31-2	52329	51342	51817	51830	0.95	cps
Potassium	39-2	5885488	5904357	5909040	5899629	0.21	cps
Rhodium	103-1	10628375	10567230	10402711	10532772	1.11	cps
Rhodium	103-2	6523231	6439488	6445822	6469514	0.72	cps
Scandium	45-1	5728727	5663268	5594291	5662095	1.19	cps
Scandium	45-2	522743	520850	523070	522221	0.23	cps
Selenium	82-1	40733	40728	40664	40709	0.09	cps
Selenium	77-2	4554	4254	4517	4442	3.69	cps
Selenium	78-2	15809	15675	15445	15643	1.18	cps
Silicon	28-1	6141666	6186088	6127241	6151665	0.50	cps
Silver	107-1	3468819	3499387	3537250	3501819	0.98	cps
Silver	109-1	3303411	3402297	3391191	3365633	1.61	cps
Sodium	23-2	15130669	14962891	15096065	15063208	0.59	cps
Strontium	86-1	806579	820713	819386	815559	0.96	cps
Strontium	88-1	7240610	7402053	7277699	7306787	1.16	cps
Sulfur	34-1	317659	319840	315931	317810	0.62	cps
Terbium	159-1	16423866	16346411	16464706	16411661	0.37	cps
Terbium	159-2	11003585	10919051	11089959	11004198	0.78	cps
Thallium	203-1	3151040	3207575	3174675	3177763	0.89	cps
Thallium	205-1	7526344	7716846	7688620	7643937	1.35	cps
Tin	118-1	2256839	2316720	2320858	2298139	1.56	cps
Titanium	47-1	2991432	3047523	2992834	3010596	1.06	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 19:59:58 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9804525	9950905	9987398	9914276	0.98	cps
Vanadium	51-2	893657	894088	891087	892944	0.18	cps
Yttrium	89-1	17444378	17413372	17253808	17370520	0.59	cps
Yttrium	89-2	5049365	4961008	4939865	4983413	1.17	cps
Zinc	66-2	1998709	1988436	1998227	1995124	0.29	cps
Zirconium	90-1	4415025	4516626	4457324	4462992	1.14	cps
Zirconium	91-1	962298	995160	984517	980658	1.71	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:02:46 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2026794	1996589	2017330	2013571	0.77	cps
Antimony	121-1	5481395	5458734	5521506	5487212	0.58	cps
Arsenic	75-2	267613	264514	264092	265406	0.72	cps
Barium	135-1	7019575	7018672	7063684	7033977	0.37	cps
Barium	137-1	12425911	12422596	12407874	12418794	0.08	cps
Beryllium	9-1	599739	597285	594855	597293	0.41	cps
Bismuth	209-1	10320150	10343522	10295821	10319831	0.23	cps
Bismuth	209-2	8083256	7990205	8050061	8041174	0.59	cps
Bromine	81-1	11261	10967	11151	11127	1.33	cps
Bromine	81-2	150	100	110	120	22.05	cps
Cadmium	108-1	106433	107518	105016	106323	1.18	cps
Cadmium	106-1	218986	220985	219723	219898	0.46	cps
Cadmium	111-1	1272871	1277322	1262922	1271039	0.58	cps
Calcium	43-1	1181494	1184690	1198268	1188151	0.75	cps
Calcium	44-1	19448521	19384074	19377712	19403436	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2000026	1987281	1979373	1988893	0.52	cps
Cobalt	59-2	3130820	3082554	3057097	3090157	1.21	cps
Copper	63-2	22647889	22480619	22309829	22479445	0.75	cps
Dysprosium	156-1	680	710	640	677	5.19	cps
Dysprosium	156-2	560	617	537	571	7.20	cps
Erbium	164-1	140	170	150	153	9.96	cps
Erbium	164-2	70	90	97	86	16.22	cps
Gadolinium	160-1	250	330	353	311	17.42	cps
Gadolinium	160-2	820	823	923	856	6.86	cps
Holmium	165-1	16003808	15900544	15894691	15933014	0.39	cps
Holmium	165-2	11151988	11050764	11054214	11085656	0.52	cps
Indium	115-1	11383194	11309257	11409987	11367480	0.46	cps
Indium	115-2	4428409	4368263	4342949	4379874	1.00	cps
Iron	56-2	93206745	92527362	92241375	92658494	0.54	cps
Iron	57-2	2343311	2334571	2352251	2343378	0.38	cps
Iron	54-2	5124392	5151624	5162516	5146178	0.38	cps
Krypton	83-1	163	187	173	174	6.71	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:02:46 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24956109	25272578	25058527	25095738	0.64	cps
Lead	207-1	22056394	22165385	22087981	22103253	0.25	cps
Lead	208-1	100193914	100900810	100517969	100537564	0.35	cps
Lithium	6-1	1530934	1559412	1597982	1562776	2.15	cps
Magnesium	24-2	16654167	16685711	16683564	16674480	0.11	cps
Manganese	55-2	15811644	15693724	15650791	15718720	0.53	cps
Molybdenum	94-1	18166636	17996785	18018561	18060661	0.51	cps
Molybdenum	95-1	25842211	25964219	25937240	25914557	0.25	cps
Molybdenum	96-1	28212179	28269145	28126082	28202469	0.26	cps
Molybdenum	97-1	16168479	16384904	16254888	16269423	0.67	cps
Molybdenum	98-1	42002525	42506722	41847998	42119082	0.82	cps
Neodymium	150-1	460	493	423	459	7.63	cps
Neodymium	150-2	123	117	97	112	12.37	cps
Nickel	60-2	759879	755697	759542	758373	0.31	cps
Phosphorus	31-2	97843	97099	97343	97428	0.39	cps
Potassium	39-2	11210459	11139573	11177635	11175889	0.32	cps
Rhodium	103-1	10074584	10242806	10006247	10107879	1.20	cps
Rhodium	103-2	6290426	6244950	6215176	6250184	0.61	cps
Scandium	45-1	5436479	5423866	5416691	5425679	0.18	cps
Scandium	45-2	502542	501830	503715	502696	0.19	cps
Selenium	82-1	77466	76673	77250	77129	0.53	cps
Selenium	77-2	8669	8726	8793	8729	0.71	cps
Selenium	78-2	29596	29312	29810	29573	0.84	cps
Silicon	28-1	10516295	10409452	10334513	10420087	0.88	cps
Silver	107-1	6744398	6669113	6679062	6697524	0.61	cps
Silver	109-1	6422373	6465634	6380201	6422736	0.67	cps
Sodium	23-2	29125941	28755980	28822584	28901502	0.68	cps
Strontium	86-1	1608018	1614669	1600665	1607784	0.44	cps
Strontium	88-1	14182306	14192656	14036179	14137047	0.62	cps
Sulfur	34-1	458341	455456	450285	454694	0.90	cps
Terbium	159-1	16155486	16325268	16250273	16243676	0.52	cps
Terbium	159-2	10907427	10971852	10952136	10943805	0.30	cps
Thallium	203-1	6335273	6277864	6295063	6302733	0.47	cps
Thallium	205-1	15124124	15219344	15064906	15136125	0.51	cps
Tin	118-1	4485039	4540605	4507061	4510902	0.62	cps
Titanium	47-1	5765667	5733520	5713699	5737629	0.46	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:02:46 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20009848	20247963	20014371	20090727	0.68	cps
Vanadium	51-2	1749595	1747473	1737771	1744946	0.36	cps
Yttrium	89-1	16580308	16838074	16730041	16716141	0.77	cps
Yttrium	89-2	4768302	4797662	4822131	4796032	0.56	cps
Zinc	66-2	3847709	3842978	3806350	3832346	0.59	cps
Zirconium	90-1	8729864	8653687	8600588	8661380	0.75	cps
Zirconium	91-1	1945591	1944035	1932144	1940590	0.38	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:05:29 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3983360	4026883	4009711	4006652	0.55	cps
Antimony	121-1	10904024	10951769	10954829	10936874	0.26	cps
Arsenic	75-2	531338	529920	527712	529657	0.34	cps
Barium	135-1	14124881	14340435	14134462	14199926	0.86	cps
Barium	137-1	24523250	24966777	24813095	24767707	0.91	cps
Beryllium	9-1	1220963	1219384	1204047	1214798	0.77	cps
Bismuth	209-1	10131157	10339984	10097816	10189652	1.29	cps
Bismuth	209-2	7962109	7882358	7944357	7929608	0.53	cps
Bromine	81-1	11268	11808	11081	11386	3.32	cps
Bromine	81-2	150	93	103	116	26.18	cps
Cadmium	108-1	205238	206640	205745	205874	0.34	cps
Cadmium	106-1	354212	357034	357282	356176	0.48	cps
Cadmium	111-1	2473029	2526823	2504887	2501580	1.08	cps
Calcium	43-1	2337951	2335965	2377151	2350356	0.99	cps
Calcium	44-1	38126589	38243917	38552197	38307567	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3995525	3999991	3962756	3986091	0.51	cps
Cobalt	59-2	6155400	6159876	6125285	6146853	0.31	cps
Copper	63-2	44511421	44563723	44071148	44382097	0.61	cps
Dysprosium	156-1	1343	1170	1197	1237	7.55	cps
Dysprosium	156-2	1067	1133	1167	1122	4.54	cps
Erbium	164-1	203	210	267	227	15.35	cps
Erbium	164-2	120	180	137	146	21.28	cps
Gadolinium	160-1	460	380	363	401	12.88	cps
Gadolinium	160-2	947	963	940	950	1.27	cps
Holmium	165-1	16082500	15975270	16015569	16024446	0.34	cps
Holmium	165-2	11194194	11155477	11201628	11183766	0.22	cps
Indium	115-1	11191461	11167139	11160681	11173094	0.15	cps
Indium	115-2	4313108	4294124	4289063	4298765	0.29	cps
Iron	56-2	186439331	184337517	183533924	184770257	0.81	cps
Iron	57-2	4633996	4622143	4614384	4623508	0.21	cps
Iron	54-2	10183004	10299520	10232948	10238491	0.57	cps
Krypton	83-1	157	210	170	179	15.51	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:05:29 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	49371419	49806978	49557814	49578737	0.44	cps
Lead	207-1	43606974	43571511	43665489	43614658	0.11	cps
Lead	208-1	197122962	198750870	198185949	198019927	0.42	cps
Lithium	6-1	1530666	1555469	1485850	1523995	2.32	cps
Magnesium	24-2	33169400	33164542	33017816	33117253	0.26	cps
Manganese	55-2	31527795	31600040	31366214	31498016	0.38	cps
Molybdenum	94-1	35652251	35816601	35812439	35760431	0.26	cps
Molybdenum	95-1	51393009	51737561	51517081	51549217	0.34	cps
Molybdenum	96-1	56130909	56149623	55808439	56029657	0.34	cps
Molybdenum	97-1	32027706	32076268	31962991	32022322	0.18	cps
Molybdenum	98-1	82790854	83522517	83106640	83140004	0.44	cps
Neodymium	150-1	797	840	867	834	4.23	cps
Neodymium	150-2	207	213	220	213	3.12	cps
Nickel	60-2	1545355	1555703	1547970	1549676	0.35	cps
Phosphorus	31-2	194276	192430	192320	193008	0.57	cps
Potassium	39-2	22376757	22491603	22220204	22362855	0.61	cps
Rhodium	103-1	9949173	9885028	9832498	9888900	0.59	cps
Rhodium	103-2	6203070	6074991	6090378	6122813	1.14	cps
Scandium	45-1	5430061	5394143	5381390	5401864	0.47	cps
Scandium	45-2	502306	509711	502143	504720	0.86	cps
Selenium	82-1	148974	149701	149818	149498	0.31	cps
Selenium	77-2	16870	16986	17173	17010	0.90	cps
Selenium	78-2	58264	56039	57341	57214	1.95	cps
Silicon	28-1	22511868	22447287	22310050	22423068	0.46	cps
Silver	107-1	12818346	13087794	12929264	12945135	1.05	cps
Silver	109-1	12468881	12554092	12476033	12499668	0.38	cps
Sodium	23-2	58133097	57861662	57507802	57834187	0.54	cps
Strontium	86-1	3191461	3206726	3168043	3188743	0.61	cps
Strontium	88-1	27991552	28084872	27906839	27994421	0.32	cps
Sulfur	34-1	761917	765353	757415	761562	0.52	cps
Terbium	159-1	16213451	16048514	16071422	16111129	0.55	cps
Terbium	159-2	11068215	10869141	10999698	10979018	0.92	cps
Thallium	203-1	12560704	12420857	12490176	12490579	0.56	cps
Thallium	205-1	30029478	30072520	29922462	30008153	0.26	cps
Tin	118-1	8821150	9022028	8986129	8943103	1.20	cps
Titanium	47-1	11259819	11297677	11353555	11303684	0.42	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:05:29 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39847534	40221521	40200266	40089774	0.52	cps
Vanadium	51-2	3503777	3596216	3498942	3532978	1.55	cps
Yttrium	89-1	16727564	16781344	16615178	16708028	0.51	cps
Yttrium	89-2	4760559	4830185	4769851	4786865	0.79	cps
Zinc	66-2	7513262	7463371	7439784	7472139	0.50	cps
Zirconium	90-1	17111886	17308386	17234637	17218303	0.58	cps
Zirconium	91-1	3830201	3828771	3822937	3827303	0.10	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:08:15 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21395621	21602313	21452530	21483488	0.50	cps
Antimony	121-1	6582	5981	5291	5951	10.85	cps
Arsenic	75-2	420	283	287	330	23.62	cps
Barium	135-1	6321	6405	6402	6376	0.74	cps
Barium	137-1	11365	11345	10771	11160	3.02	cps
Beryllium	9-1	307	337	310	318	5.17	cps
Bismuth	209-1	8881916	8910824	8877941	8890227	0.20	cps
Bismuth	209-2	7041449	7028920	7069129	7046499	0.29	cps
Bromine	81-1	12065	12222	12005	12097	0.93	cps
Bromine	81-2	120	127	153	133	13.23	cps
Cadmium	108-1	247	213	217	226	8.14	cps
Cadmium	106-1	71750	72419	71953	72041	0.48	cps
Cadmium	111-1	843	796	758	799	5.31	cps
Calcium	43-1	11679746	11925781	11991470	11865666	1.38	cps
Calcium	44-1	191586030	194528170	194910624	193674942	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8963	8220	7149	8110	11.24	cps
Cobalt	59-2	18501	18261	18531	18431	0.80	cps
Copper	63-2	13746	13950	13566	13754	1.40	cps
Dysprosium	156-1	460	487	547	498	8.92	cps
Dysprosium	156-2	447	377	387	403	9.39	cps
Erbium	164-1	497	530	513	513	3.25	cps
Erbium	164-2	307	397	370	358	12.92	cps
Gadolinium	160-1	750	583	697	677	12.58	cps
Gadolinium	160-2	997	1077	1127	1067	6.15	cps
Holmium	165-1	15132533	15311134	15411253	15284974	0.92	cps
Holmium	165-2	10826698	10622113	10746289	10731700	0.96	cps
Indium	115-1	10510173	10754652	10681226	10648684	1.18	cps
Indium	115-2	4263537	4262813	4154086	4226812	1.49	cps
Iron	56-2	916310973	910527933	913250786	913363231	0.32	cps
Iron	57-2	23310546	23133670	23206598	23216938	0.38	cps
Iron	54-2	50049874	50273869	49825629	50049791	0.45	cps
Krypton	83-1	133	203	213	183	23.77	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:08:15 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15582	15155	14498	15078	3.62	cps
Lead	207-1	14154	12636	12563	13118	6.85	cps
Lead	208-1	62760	59040	57180	59660	4.76	cps
Lithium	6-1	1440369	1467250	1473775	1460465	1.21	cps
Magnesium	24-2	172976784	174430057	172964591	173457144	0.49	cps
Manganese	55-2	17093	18034	17023	17384	3.25	cps
Molybdenum	94-1	10434	10230	9523	10062	4.75	cps
Molybdenum	95-1	10200	9777	9376	9784	4.21	cps
Molybdenum	96-1	19857	19183	18982	19341	2.37	cps
Molybdenum	97-1	6508	5855	5845	6069	6.27	cps
Molybdenum	98-1	16273	14707	13957	14979	7.89	cps
Neodymium	150-1	230	227	217	224	3.09	cps
Neodymium	150-2	123	120	150	131	12.54	cps
Nickel	60-2	8119	8099	7999	8072	0.80	cps
Phosphorus	31-2	403	393	433	410	5.08	cps
Potassium	39-2	116587338	116483048	116999585	116689990	0.23	cps
Rhodium	103-1	8970565	9049921	9155595	9058694	1.02	cps
Rhodium	103-2	5727091	5747163	5685370	5719875	0.55	cps
Scandium	45-1	5324535	5511244	5521404	5452394	2.03	cps
Scandium	45-2	520565	520134	521927	520875	0.18	cps
Selenium	82-1	632	584	632	616	4.49	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	317	370	333	340	8.03	cps
Silicon	28-1	811459	813404	809110	811324	0.27	cps
Silver	107-1	3340	3020	2914	3091	7.18	cps
Silver	109-1	3127	2600	2634	2787	10.58	cps
Sodium	23-2	291878316	294185656	294647822	293570598	0.51	cps
Strontium	86-1	9523	9120	9800	9481	3.61	cps
Strontium	88-1	83569	83435	82436	83147	0.74	cps
Sulfur	34-1	137223	138844	142951	139673	2.11	cps
Terbium	159-1	15447199	15442787	15521237	15470408	0.28	cps
Terbium	159-2	10557706	10489808	10414306	10487274	0.68	cps
Thallium	203-1	2507	2200	1853	2187	14.95	cps
Thallium	205-1	5531	5018	4561	5037	9.64	cps
Tin	118-1	3534	3254	3034	3274	7.66	cps
Titanium	47-1	2017	1897	1947	1953	3.09	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:08:15 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5585	4721	4334	4880	13.12	cps
Vanadium	51-2	870	877	833	860	2.71	cps
Yttrium	89-1	16211882	16411402	16192026	16271770	0.75	cps
Yttrium	89-2	4830462	4840765	4796211	4822479	0.48	cps
Zinc	66-2	11374	11051	11001	11142	1.82	cps
Zirconium	90-1	12065	11905	11882	11951	0.84	cps
Zirconium	91-1	2740	2370	2434	2515	7.87	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:17:57 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104476	104892	104617	104661	0.20	cps
Antimony	121-1	2238191	2299187	2309716	2282365	1.69	cps
Arsenic	75-2	117417	118058	117141	117539	0.40	cps
Barium	135-1	283891	292354	292992	289746	1.75	cps
Barium	137-1	497416	507754	508570	504580	1.23	cps
Beryllium	9-1	128761	132331	130526	130539	1.37	cps
Bismuth	209-1	10843219	10636202	10516574	10665331	1.55	cps
Bismuth	209-2	8347859	8385675	8363011	8365515	0.23	cps
Bromine	81-1	11898	11651	11671	11740	1.17	cps
Bromine	81-2	90	73	50	71	28.26	cps
Cadmium	108-1	24838	24868	25108	24938	0.59	cps
Cadmium	106-1	104066	102323	102149	102846	1.03	cps
Cadmium	111-1	276290	282609	280922	279940	1.17	cps
Calcium	43-1	51818	52450	51815	52028	0.70	cps
Calcium	44-1	840978	858083	852796	850619	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	440944	437731	439429	439368	0.37	cps
Cobalt	59-2	685365	677933	677571	680290	0.65	cps
Copper	63-2	473415	469909	471105	471476	0.38	cps
Dysprosium	156-1	40	27	43	37	24.04	cps
Dysprosium	156-2	23	37	33	31	22.31	cps
Erbium	164-1	87	57	107	83	30.20	cps
Erbium	164-2	47	43	50	47	7.15	cps
Gadolinium	160-1	253	267	227	249	8.18	cps
Gadolinium	160-2	817	753	820	797	4.72	cps
Holmium	165-1	16391339	16071176	16009012	16157176	1.27	cps
Holmium	165-2	11343438	11240479	11170460	11251459	0.77	cps
Indium	115-1	12237378	11954660	11992996	12061678	1.27	cps
Indium	115-2	4610671	4658113	4608191	4625659	0.61	cps
Iron	56-2	8094681	8033759	8039417	8055952	0.42	cps
Iron	57-2	206116	205360	206597	206024	0.30	cps
Iron	54-2	466846	464097	465189	465377	0.30	cps
Krypton	83-1	170	187	207	188	9.78	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:17:57 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2048065	2116092	2103789	2089315	1.73	cps
Lead	207-1	1635543	1665967	1681371	1660960	1.40	cps
Lead	208-1	7992006	8137353	8155097	8094819	1.11	cps
Lithium	6-1	1632021	1643881	1626942	1634281	0.53	cps
Magnesium	24-2	415470	413608	415378	414819	0.25	cps
Manganese	55-2	349927	345853	345370	347050	0.72	cps
Molybdenum	94-1	15038191	15267478	15133360	15146343	0.76	cps
Molybdenum	95-1	26534410	26729140	26709717	26657756	0.40	cps
Molybdenum	96-1	28221173	28550200	28511550	28427641	0.63	cps
Molybdenum	97-1	16466734	16953941	16783469	16734714	1.48	cps
Molybdenum	98-1	42776403	43613589	42954698	43114897	1.02	cps
Neodymium	150-1	33	20	10	21	55.45	cps
Neodymium	150-2	10	0	13	8	89.21	cps
Nickel	60-2	175575	174183	175470	175076	0.44	cps
Phosphorus	31-2	310	320	273	301	8.16	cps
Potassium	39-2	1006688	1007475	1012407	1008857	0.31	cps
Rhodium	103-1	11002592	10903024	10699239	10868285	1.42	cps
Rhodium	103-2	6643344	6647783	6646783	6645970	0.04	cps
Scandium	45-1	6001804	5809588	5722140	5844511	2.45	cps
Scandium	45-2	537223	529366	531379	532656	0.77	cps
Selenium	82-1	34182	34616	34373	34390	0.63	cps
Selenium	77-2	4004	4157	4101	4087	1.90	cps
Selenium	78-2	13316	13256	13650	13407	1.58	cps
Silicon	28-1	826963	806334	795723	809673	1.96	cps
Silver	107-1	658666	673335	674018	668673	1.30	cps
Silver	109-1	625820	645818	639882	637174	1.61	cps
Sodium	23-2	1263640	1275700	1267203	1268848	0.49	cps
Strontium	86-1	1077	1060	1027	1054	2.41	cps
Strontium	88-1	7735	8022	7916	7891	1.84	cps
Sulfur	34-1	150637	148194	144751	147861	2.00	cps
Terbium	159-1	16538800	16370558	16280147	16396502	0.80	cps
Terbium	159-2	11173160	11197326	11050321	11140269	0.71	cps
Thallium	203-1	2576513	2616931	2588915	2594120	0.80	cps
Thallium	205-1	6085814	6274220	6227700	6195911	1.58	cps
Tin	118-1	2544	2524	2660	2576	2.87	cps
Titanium	47-1	467	473	547	496	8.96	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:17:57 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	203	163	170	179	11.98	cps
Vanadium	51-2	367346	366830	367273	367149	0.08	cps
Yttrium	89-1	17874426	17517623	17330591	17574213	1.57	cps
Yttrium	89-2	5034432	5055723	5053375	5047844	0.23	cps
Zinc	66-2	168924	167572	166339	167612	0.77	cps
Zirconium	90-1	2067	1980	2110	2052	3.23	cps
Zirconium	91-1	403	393	417	404	2.90	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:24:23 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	93	103	102	8.21	cps
Antimony	121-1	347	327	413	362	12.53	cps
Arsenic	75-2	40	10	10	20	86.60	cps
Barium	135-1	53	63	63	60	9.62	cps
Barium	137-1	83	120	133	112	23.08	cps
Beryllium	9-1	93	63	93	83	20.79	cps
Bismuth	209-1	10465772	10402150	10423794	10430572	0.31	cps
Bismuth	209-2	8090831	8116493	8067439	8091588	0.30	cps
Bromine	81-1	12459	13216	12859	12845	2.95	cps
Bromine	81-2	207	177	200	194	8.10	cps
Cadmium	108-1	177	190	137	168	16.54	cps
Cadmium	106-1	76574	77445	75625	76548	1.19	cps
Cadmium	111-1	306	291	359	319	11.26	cps
Calcium	43-1	440	483	440	454	5.51	cps
Calcium	44-1	17143	18048	17921	17704	2.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3204	3110	3040	3118	2.63	cps
Cobalt	59-2	207	313	253	258	20.74	cps
Copper	63-2	3260	3177	3070	3169	3.01	cps
Dysprosium	156-1	3	10	7	7	50.03	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	100	53	97	83	31.24	cps
Erbium	164-2	63	33	60	52	31.49	cps
Gadolinium	160-1	277	263	277	272	2.83	cps
Gadolinium	160-2	757	757	827	780	5.18	cps
Holmium	165-1	16076361	15933236	15900315	15969971	0.59	cps
Holmium	165-2	11090758	11061306	11164074	11105379	0.48	cps
Indium	115-1	12058105	11963996	11956750	11992950	0.47	cps
Indium	115-2	4702628	4658905	4615821	4659118	0.93	cps
Iron	56-2	24493	23582	24119	24065	1.90	cps
Iron	57-2	1717	1597	1603	1639	4.12	cps
Iron	54-2	2980	2670	2800	2817	5.53	cps
Krypton	83-1	170	183	160	171	6.84	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:24:23 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	547	550	567	554	1.93	cps
Lead	207-1	520	537	503	520	3.20	cps
Lead	208-1	2347	2247	2440	2345	4.12	cps
Lithium	6-1	1606586	1557441	1544059	1569362	2.10	cps
Magnesium	24-2	800	790	713	768	6.18	cps
Manganese	55-2	457	413	413	428	5.85	cps
Molybdenum	94-1	917	863	997	926	7.25	cps
Molybdenum	95-1	1200	1410	1380	1330	8.54	cps
Molybdenum	96-1	1477	1440	1453	1457	1.27	cps
Molybdenum	97-1	837	783	783	801	3.84	cps
Molybdenum	98-1	2024	2107	2194	2108	4.03	cps
Neodymium	150-1	20	10	13	14	35.26	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	840	1007	833	893	10.99	cps
Phosphorus	31-2	313	370	340	341	8.31	cps
Potassium	39-2	49373	49597	49457	49476	0.23	cps
Rhodium	103-1	10862846	10993434	10926201	10927494	0.60	cps
Rhodium	103-2	6724648	6700453	6741877	6722326	0.31	cps
Scandium	45-1	5898128	5824022	5849906	5857352	0.64	cps
Scandium	45-2	546753	541142	541105	543000	0.60	cps
Selenium	82-1	541	469	524	511	7.42	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	323	360	283	322	11.90	cps
Silicon	28-1	847789	1166403	1183209	1065800	17.73	cps
Silver	107-1	307	287	337	310	8.12	cps
Silver	109-1	173	183	140	166	13.71	cps
Sodium	23-2	30594	31288	31121	31001	1.17	cps
Strontium	86-1	330	367	330	342	6.19	cps
Strontium	88-1	213	213	217	214	0.90	cps
Sulfur	34-1	155606	155816	158149	156524	0.90	cps
Terbium	159-1	16439958	16304256	16157308	16300507	0.87	cps
Terbium	159-2	11125823	10831212	11058995	11005343	1.40	cps
Thallium	203-1	440	383	340	388	12.93	cps
Thallium	205-1	940	953	1057	983	6.49	cps
Tin	118-1	1284	1007	1137	1142	12.12	cps
Titanium	47-1	73	100	93	89	15.61	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:24:23 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47	73	53	58	24.02	cps
Vanadium	51-2	20	23	10	18	39.03	cps
Yttrium	89-1	17678019	17631933	17480781	17596911	0.59	cps
Yttrium	89-2	5108378	5093984	5114932	5105765	0.21	cps
Zinc	66-2	333	310	317	320	3.76	cps
Zirconium	90-1	1660	1723	1623	1669	3.03	cps
Zirconium	91-1	147	190	110	149	26.90	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:36:10 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19410252	19171148	19139922	19240441	0.77	cps
Antimony	121-1	12182	12612	12015	12270	2.51	cps
Arsenic	75-2	223	220	187	210	9.66	cps
Barium	135-1	3937	3597	3941	3825	5.16	cps
Barium	137-1	6938	6948	6798	6895	1.22	cps
Beryllium	9-1	433	410	357	400	9.83	cps
Bismuth	209-1	9977169	10152822	10129180	10086390	0.95	cps
Bismuth	209-2	7875489	7872264	7921068	7889607	0.35	cps
Bromine	81-1	13997	14541	13873	14137	2.51	cps
Bromine	81-2	380	340	387	369	6.84	cps
Cadmium	108-1	1980	1957	2040	1992	2.16	cps
Cadmium	106-1	74011	73166	73216	73464	0.64	cps
Cadmium	111-1	1414	1276	1272	1321	6.14	cps
Calcium	43-1	2433250	2425105	2439045	2432467	0.29	cps
Calcium	44-1	39604874	39515428	39430269	39516857	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84395	84260	82956	83870	0.95	cps
Cobalt	59-2	8306	8382	8402	8364	0.61	cps
Copper	63-2	36939	37617	36925	37161	1.06	cps
Dysprosium	156-1	57	60	53	57	5.89	cps
Dysprosium	156-2	57	47	43	49	14.20	cps
Erbium	164-1	110	107	157	124	22.46	cps
Erbium	164-2	93	57	123	91	36.65	cps
Gadolinium	160-1	267	297	323	296	9.59	cps
Gadolinium	160-2	907	833	810	850	5.93	cps
Holmium	165-1	16104556	16344959	16414349	16287954	1.00	cps
Holmium	165-2	11413094	11372242	11379314	11388217	0.19	cps
Indium	115-1	11511799	11520331	11519440	11517190	0.04	cps
Indium	115-2	4459160	4478269	4525098	4487509	0.76	cps
Iron	56-2	382046341	380008514	378611981	380222279	0.45	cps
Iron	57-2	9517614	9462688	9508537	9496280	0.31	cps
Iron	54-2	20978316	20917692	20785446	20893818	0.47	cps
Krypton	83-1	163	220	123	169	28.76	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:36:10 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	48446	47887	46054	47463	2.64	cps
Lead	207-1	38642	38163	36817	37874	2.50	cps
Lead	208-1	181472	179684	174377	178511	2.07	cps
Lithium	6-1	1508520	1535102	1493382	1512335	1.40	cps
Magnesium	24-2	34072240	33467015	33508617	33682624	1.00	cps
Manganese	55-2	26039	26463	26283	26262	0.81	cps
Molybdenum	94-1	5905289	5833920	5928305	5889171	0.84	cps
Molybdenum	95-1	10440594	10382442	10395292	10406109	0.29	cps
Molybdenum	96-1	11125284	11032868	11056682	11071612	0.43	cps
Molybdenum	97-1	6517829	6430845	6521948	6490207	0.79	cps
Molybdenum	98-1	16719820	16967333	16759739	16815630	0.79	cps
Neodymium	150-1	70	77	40	62	31.39	cps
Neodymium	150-2	37	30	30	32	11.95	cps
Nickel	60-2	9783	9336	9173	9431	3.35	cps
Phosphorus	31-2	1016499	1018053	1006376	1013643	0.63	cps
Potassium	39-2	45878438	45417484	45370476	45555466	0.62	cps
Rhodium	103-1	10102165	10140536	10225436	10156046	0.62	cps
Rhodium	103-2	6311673	6277461	6299673	6296269	0.28	cps
Scandium	45-1	5657424	5690076	5676917	5674806	0.29	cps
Scandium	45-2	529736	528588	530155	529493	0.15	cps
Selenium	82-1	487	352	495	445	18.15	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	333	270	357	320	14.01	cps
Silicon	28-1	1192818	843547	833837	956734	21.38	cps
Silver	107-1	507	487	527	507	3.95	cps
Silver	109-1	390	453	480	441	10.48	cps
Sodium	23-2	59088324	58252861	58135967	58492384	0.89	cps
Strontium	86-1	110360	111075	112029	111154	0.75	cps
Strontium	88-1	963533	975493	974619	971215	0.69	cps
Sulfur	34-1	3636645	3555884	3580678	3591069	1.15	cps
Terbium	159-1	16204870	16457421	16416656	16359649	0.83	cps
Terbium	159-2	11264979	11030042	11122124	11139048	1.06	cps
Thallium	203-1	1470	1453	1447	1457	0.83	cps
Thallium	205-1	3561	3490	3457	3503	1.51	cps
Tin	118-1	2460	2554	2474	2496	2.02	cps
Titanium	47-1	2427177	2420759	2371992	2406643	1.25	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:36:10 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	623	640	700	654	6.16	cps
Vanadium	51-2	727	730	763	740	2.74	cps
Yttrium	89-1	17075742	17404781	17368493	17283005	1.04	cps
Yttrium	89-2	5050262	5072905	5036063	5053077	0.37	cps
Zinc	66-2	8863	9166	9133	9054	1.84	cps
Zirconium	90-1	1947	1937	1750	1878	5.90	cps
Zirconium	91-1	220	227	180	209	12.08	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:39:12 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19518897	19628168	19520490	19555852	0.32	cps
Antimony	121-1	235301	235524	234055	234960	0.34	cps
Arsenic	75-2	11638	11281	11438	11452	1.56	cps
Barium	135-1	62074	61489	61445	61669	0.57	cps
Barium	137-1	107281	107304	106058	106881	0.67	cps
Beryllium	9-1	23878	24152	23394	23808	1.61	cps
Bismuth	209-1	10245893	10171886	10285728	10234502	0.56	cps
Bismuth	209-2	8041507	7996033	7957822	7998454	0.52	cps
Bromine	81-1	14094	14457	14374	14308	1.33	cps
Bromine	81-2	447	423	383	418	7.67	cps
Cadmium	108-1	5695	5574	5534	5601	1.49	cps
Cadmium	106-1	80431	81245	79264	80314	1.24	cps
Cadmium	111-1	52645	52786	52858	52763	0.21	cps
Calcium	43-1	2471829	2452377	2442138	2455448	0.61	cps
Calcium	44-1	40943824	40512952	40390706	40615827	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168476	167226	169043	168248	0.55	cps
Cobalt	59-2	136198	136252	135044	135831	0.50	cps
Copper	63-2	126492	123784	126150	125475	1.18	cps
Dysprosium	156-1	50	93	77	73	29.80	cps
Dysprosium	156-2	90	50	57	66	32.69	cps
Erbium	164-1	97	147	120	121	20.66	cps
Erbium	164-2	123	90	113	109	15.71	cps
Gadolinium	160-1	280	303	290	291	4.02	cps
Gadolinium	160-2	693	813	737	748	8.13	cps
Holmium	165-1	16685615	16821249	16700274	16735713	0.44	cps
Holmium	165-2	11536394	11566055	11477489	11526646	0.39	cps
Indium	115-1	11835475	11848878	11950036	11878130	0.53	cps
Indium	115-2	4593381	4608737	4631960	4611359	0.42	cps
Iron	56-2	388421848	388035848	385389528	387282408	0.43	cps
Iron	57-2	9657292	9673837	9581741	9637623	0.51	cps
Iron	54-2	21350563	21041191	21281770	21224508	0.77	cps
Krypton	83-1	163	200	160	174	12.72	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:39:12 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	240674	240643	240184	240500	0.11	cps
Lead	207-1	200778	200037	198715	199843	0.52	cps
Lead	208-1	930880	926126	926885	927964	0.28	cps
Lithium	6-1	1510149	1543437	1527677	1527088	1.09	cps
Magnesium	24-2	34013611	34219569	34105642	34112941	0.30	cps
Manganese	55-2	90319	91352	91952	91207	0.91	cps
Molybdenum	94-1	6044189	6089962	6004440	6046197	0.71	cps
Molybdenum	95-1	10736777	10743989	10531132	10670633	1.13	cps
Molybdenum	96-1	11337032	11312086	11278031	11309049	0.26	cps
Molybdenum	97-1	6660236	6622931	6592553	6625240	0.51	cps
Molybdenum	98-1	17240203	17160843	17074811	17158619	0.48	cps
Neodymium	150-1	60	63	47	57	15.56	cps
Neodymium	150-2	27	33	23	28	18.33	cps
Nickel	60-2	41457	41621	41186	41422	0.53	cps
Phosphorus	31-2	1031897	1028633	1034646	1031725	0.29	cps
Potassium	39-2	46405141	46396814	46308464	46370140	0.12	cps
Rhodium	103-1	10479365	10369884	10403466	10417572	0.54	cps
Rhodium	103-2	6411136	6412522	6465806	6429821	0.48	cps
Scandium	45-1	5804557	5834154	5805033	5814581	0.29	cps
Scandium	45-2	538831	537953	542219	539668	0.42	cps
Selenium	82-1	3722	3672	3717	3704	0.75	cps
Selenium	77-2	270	430	340	347	23.14	cps
Selenium	78-2	1563	1653	1497	1571	5.00	cps
Silicon	28-1	1201951	1212602	1233014	1215855	1.30	cps
Silver	107-1	256106	256382	258318	256935	0.47	cps
Silver	109-1	243082	246099	244542	244574	0.62	cps
Sodium	23-2	59518841	59692259	59620207	59610436	0.15	cps
Strontium	86-1	113295	114642	113469	113802	0.64	cps
Strontium	88-1	997849	1001756	994080	997895	0.38	cps
Sulfur	34-1	3684687	3661922	3630977	3659195	0.74	cps
Terbium	159-1	16686462	16988228	16865257	16846649	0.90	cps
Terbium	159-2	11394747	11392307	11340369	11375808	0.27	cps
Thallium	203-1	242148	245546	243435	243710	0.70	cps
Thallium	205-1	577924	578892	580566	579128	0.23	cps
Tin	118-1	2694	2810	2830	2778	2.66	cps
Titanium	47-1	2484571	2424952	2421665	2443730	1.45	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:39:12 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	750	663	693	702	6.27	cps
Vanadium	51-2	71498	72178	73638	72438	1.51	cps
Yttrium	89-1	17788383	17803267	17697728	17763126	0.32	cps
Yttrium	89-2	5158882	5097358	5181313	5145851	0.84	cps
Zinc	66-2	24734	24911	24861	24835	0.37	cps
Zirconium	90-1	1803	1690	1803	1766	3.71	cps
Zirconium	91-1	180	210	163	184	12.82	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:42:15 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11264156	11169851	11131639	11188549	0.61	cps
Antimony	121-1	5692627	5704304	5662170	5686367	0.38	cps
Arsenic	75-2	278723	279487	277999	278736	0.27	cps
Barium	135-1	7473843	7547359	7457832	7493011	0.64	cps
Barium	137-1	13036534	13107139	12972895	13038856	0.52	cps
Beryllium	9-1	593460	597501	596470	595810	0.35	cps
Bismuth	209-1	9845304	9711129	9794772	9783735	0.69	cps
Bismuth	209-2	7503350	7482663	7461664	7482559	0.28	cps
Bromine	81-1	13289	13079	12729	13033	2.17	cps
Bromine	81-2	107	110	97	104	6.64	cps
Cadmium	108-1	105876	106561	106322	106253	0.33	cps
Cadmium	106-1	217653	215673	218760	217362	0.72	cps
Cadmium	111-1	1273247	1270953	1271500	1271900	0.09	cps
Calcium	43-1	6378748	6328498	6347368	6351538	0.40	cps
Calcium	44-1	104484485	104740942	103925908	104383778	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2140927	2117284	2189135	2149115	1.70	cps
Cobalt	59-2	3299181	3312725	3284914	3298940	0.42	cps
Copper	63-2	23062093	22979520	23043240	23028284	0.19	cps
Dysprosium	156-1	820	897	860	859	4.46	cps
Dysprosium	156-2	767	707	707	727	4.77	cps
Erbium	164-1	313	313	317	314	0.61	cps
Erbium	164-2	237	250	213	233	7.95	cps
Gadolinium	160-1	493	460	500	484	4.42	cps
Gadolinium	160-2	857	1053	863	924	12.08	cps
Holmium	165-1	16255344	15934666	15970695	16053568	1.09	cps
Holmium	165-2	11031148	11161634	10984596	11059126	0.83	cps
Indium	115-1	11357348	11215640	11263426	11278805	0.64	cps
Indium	115-2	4350609	4292881	4279867	4307786	0.87	cps
Iron	56-2	495028193	493573219	490138126	492913179	0.51	cps
Iron	57-2	12396450	12356397	12306746	12353198	0.36	cps
Iron	54-2	26823956	26777040	26853789	26818262	0.14	cps
Krypton	83-1	177	210	217	201	10.66	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:42:15 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25151316	25607971	25140350	25299879	1.05	cps
Lead	207-1	22168134	22349869	22046740	22188247	0.69	cps
Lead	208-1	101177916	101278346	100484281	100980181	0.43	cps
Lithium	6-1	1483557	1481478	1471086	1478707	0.45	cps
Magnesium	24-2	91163222	91144189	90546319	90951243	0.39	cps
Manganese	55-2	16890375	16749751	16853803	16831309	0.43	cps
Molybdenum	94-1	19308761	19307048	19306280	19307363	0.01	cps
Molybdenum	95-1	27654044	27779720	27916921	27783562	0.47	cps
Molybdenum	96-1	30205450	30168356	30424549	30266118	0.46	cps
Molybdenum	97-1	17492697	17487954	17429642	17470098	0.20	cps
Molybdenum	98-1	45182189	44780344	45107044	45023193	0.47	cps
Neodymium	150-1	593	510	520	541	8.41	cps
Neodymium	150-2	227	143	183	184	22.59	cps
Nickel	60-2	781440	787236	781597	783425	0.42	cps
Phosphorus	31-2	105185	105950	105470	105535	0.37	cps
Potassium	39-2	60997821	60882629	60828012	60902821	0.14	cps
Rhodium	103-1	9860957	9755494	9785039	9800496	0.56	cps
Rhodium	103-2	6007162	5974178	5999671	5993670	0.29	cps
Scandium	45-1	5641055	5602321	5567033	5603470	0.66	cps
Scandium	45-2	521861	525857	522391	523370	0.41	cps
Selenium	82-1	77688	77434	76712	77278	0.65	cps
Selenium	77-2	9023	8623	9273	8973	3.66	cps
Selenium	78-2	29957	30181	29600	29912	0.98	cps
Silicon	28-1	6974476	6906656	6916922	6932684	0.53	cps
Silver	107-1	6745153	6697008	6659163	6700441	0.64	cps
Silver	109-1	6444179	6402913	6443680	6430258	0.37	cps
Sodium	23-2	155065794	155739064	154937224	155247361	0.28	cps
Strontium	86-1	1732615	1752759	1752747	1746040	0.67	cps
Strontium	88-1	15266223	15214388	15077906	15186172	0.64	cps
Sulfur	34-1	482415	478443	474795	478551	0.80	cps
Terbium	159-1	16355518	16188290	16160969	16234926	0.65	cps
Terbium	159-2	10866118	10710119	10825203	10800480	0.75	cps
Thallium	203-1	6384790	6427581	6328693	6380354	0.78	cps
Thallium	205-1	15316429	15376339	15081041	15257936	1.02	cps
Tin	118-1	4777948	4749043	4695468	4740819	0.88	cps
Titanium	47-1	6215601	6182405	6202637	6200214	0.27	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:42:15 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20746231	20918330	20786567	20817042	0.43	cps
Vanadium	51-2	1926987	1925200	1936848	1929678	0.33	cps
Yttrium	89-1	17256286	16977473	16993710	17075823	0.92	cps
Yttrium	89-2	4946451	4905043	4904131	4918542	0.49	cps
Zinc	66-2	3828527	3816501	3827099	3824042	0.17	cps
Zirconium	90-1	9277579	9334085	9383825	9331830	0.57	cps
Zirconium	91-1	2059877	2107819	2098230	2088642	1.21	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:44:55 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12546	1733	1817	5365	115.90	cps
Antimony	121-1	2444	2177	1803	2141	15.02	cps
Arsenic	75-2	37	23	40	33	26.47	cps
Barium	135-1	783	720	657	720	8.80	cps
Barium	137-1	1440	1217	1223	1293	9.82	cps
Beryllium	9-1	123	143	113	127	12.06	cps
Bismuth	209-1	10941243	10820263	10980161	10913889	0.76	cps
Bismuth	209-2	8493231	8497352	8546552	8512378	0.35	cps
Bromine	81-1	12986	13356	13133	13158	1.42	cps
Bromine	81-2	170	117	137	141	19.09	cps
Cadmium	108-1	110	150	180	147	23.94	cps
Cadmium	106-1	75602	75418	76339	75786	0.64	cps
Cadmium	111-1	541	502	462	502	7.84	cps
Calcium	43-1	1347	1440	1190	1326	9.53	cps
Calcium	44-1	33163	32632	30821	32205	3.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3430	3330	3357	3373	1.54	cps
Cobalt	59-2	617	450	400	489	23.21	cps
Copper	63-2	6776	5921	6001	6233	7.57	cps
Dysprosium	156-1	10	17	17	14	26.66	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	130	73	77	93	34.07	cps
Erbium	164-2	40	67	60	56	24.98	cps
Gadolinium	160-1	267	273	220	253	11.47	cps
Gadolinium	160-2	787	880	810	826	5.88	cps
Holmium	165-1	16403692	16484176	16657897	16515255	0.79	cps
Holmium	165-2	11532295	11538148	11449257	11506566	0.43	cps
Indium	115-1	12134734	12230824	12332787	12232782	0.81	cps
Indium	115-2	4803867	4831814	4745227	4793636	0.92	cps
Iron	56-2	148583	74812	71683	98359	44.25	cps
Iron	57-2	4432	2824	2680	3312	29.37	cps
Iron	54-2	11527	5718	5441	7562	45.45	cps
Krypton	83-1	183	203	203	197	5.87	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:44:55 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3677	3657	3214	3516	7.45	cps
Lead	207-1	3394	2847	2710	2984	12.12	cps
Lead	208-1	15053	13863	12596	13837	8.88	cps
Lithium	6-1	1611514	1587697	1618125	1605779	1.00	cps
Magnesium	24-2	52159	7559	7379	22365	115.37	cps
Manganese	55-2	3341	1670	1487	2166	47.17	cps
Molybdenum	94-1	3144	2980	2844	2989	5.03	cps
Molybdenum	95-1	4474	4147	3557	4059	11.45	cps
Molybdenum	96-1	4991	4324	4047	4454	10.89	cps
Molybdenum	97-1	2784	2647	2304	2578	9.59	cps
Molybdenum	98-1	7219	6942	5811	6657	11.20	cps
Neodymium	150-1	0	27	10	12	110.23	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	973	983	1020	992	2.48	cps
Phosphorus	31-2	870	377	400	549	50.73	cps
Potassium	39-2	94983	60630	58659	71424	28.60	cps
Rhodium	103-1	11012523	11040507	11053385	11035472	0.19	cps
Rhodium	103-2	6898343	6924327	6799302	6873991	0.96	cps
Scandium	45-1	5830511	5863808	5939021	5877780	0.95	cps
Scandium	45-2	550701	551581	552508	551597	0.16	cps
Selenium	82-1	444	444	457	448	1.73	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	367	330	350	349	5.26	cps
Silicon	28-1	814335	824339	820464	819712	0.62	cps
Silver	107-1	1863	1627	1403	1631	14.10	cps
Silver	109-1	1610	1330	1133	1358	17.64	cps
Sodium	23-2	148870	70028	67142	95347	48.64	cps
Strontium	86-1	440	487	390	439	11.01	cps
Strontium	88-1	1890	1747	1487	1708	11.97	cps
Sulfur	34-1	142490	143859	143705	143351	0.52	cps
Terbium	159-1	16921419	16712638	16859324	16831127	0.64	cps
Terbium	159-2	11388419	11498715	11340106	11409080	0.71	cps
Thallium	203-1	2107	2000	1927	2011	4.50	cps
Thallium	205-1	5044	4781	4624	4816	4.41	cps
Tin	118-1	1700	1657	1587	1648	3.47	cps
Titanium	47-1	930	897	800	876	7.71	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:44:55 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2140	1693	1623	1819	15.41	cps
Vanadium	51-2	463	137	117	239	81.49	cps
Yttrium	89-1	17953213	18076994	18028398	18019535	0.35	cps
Yttrium	89-2	5250630	5194567	5217096	5220764	0.54	cps
Zinc	66-2	983	1030	863	959	8.97	cps
Zirconium	90-1	2980	2554	2587	2707	8.77	cps
Zirconium	91-1	460	397	377	411	10.58	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-06 Instrumnet Name : P7
Client Sample ID : MJNBZ2 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:48:34 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4706367	4638876	4665976	4670407	0.73	cps
Antimony	121-1	2834	2837	2847	2839	0.24	cps
Arsenic	75-2	6278	6368	6398	6348	0.98	cps
Barium	135-1	528949	531977	539029	533318	0.97	cps
Barium	137-1	920997	932229	936176	929801	0.85	cps
Beryllium	9-1	1223	1173	1020	1139	9.30	cps
Bismuth	209-1	11067010	11051838	10961701	11026850	0.52	cps
Bismuth	209-2	8670591	8624930	8730842	8675454	0.61	cps
Bromine	81-1	14220	14801	14988	14670	2.73	cps
Bromine	81-2	473	477	490	480	1.84	cps
Cadmium	108-1	563	580	577	573	1.54	cps
Cadmium	106-1	86133	87780	88457	87457	1.37	cps
Cadmium	111-1	1110	1166	1282	1186	7.40	cps
Calcium	43-1	332695	339764	345881	339447	1.94	cps
Calcium	44-1	5383775	5433093	5470172	5429014	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114732	114262	114856	114617	0.27	cps
Cobalt	59-2	220209	220406	220317	220311	0.04	cps
Copper	63-2	370852	366656	368912	368807	0.57	cps
Dysprosium	156-1	110121	109731	111168	110340	0.67	cps
Dysprosium	156-2	87313	86377	86813	86834	0.54	cps
Erbium	164-1	99135	99531	99891	99519	0.38	cps
Erbium	164-2	71351	71267	70172	70930	0.93	cps
Gadolinium	160-1	100369	101703	101491	101188	0.71	cps
Gadolinium	160-2	74580	74554	74085	74406	0.37	cps
Holmium	165-1	17422247	17472288	17480523	17458353	0.18	cps
Holmium	165-2	12135868	12232422	12213359	12193883	0.42	cps
Indium	115-1	12788200	13017132	12961903	12922411	0.92	cps
Indium	115-2	5080501	5042703	5046145	5056449	0.41	cps
Iron	56-2	265816236	265156823	266116923	265696660	0.18	cps
Iron	57-2	6536439	6583116	6569668	6563075	0.37	cps
Iron	54-2	14536949	14396822	14512867	14482213	0.52	cps
Krypton	83-1	340	240	307	296	17.23	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-06 Instrumnet Name : P7
Client Sample ID : MJNBZ2 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:48:34 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	463564	467672	465686	465641	0.44	cps
Lead	207-1	393207	397088	394076	394790	0.52	cps
Lead	208-1	1825902	1828801	1835865	1830189	0.28	cps
Lithium	6-1	1663434	1646945	1617985	1642788	1.40	cps
Magnesium	24-2	6558292	6586283	6572085	6572220	0.21	cps
Manganese	55-2	3945846	3920154	3984074	3950024	0.81	cps
Molybdenum	94-1	89163	90397	90876	90145	0.98	cps
Molybdenum	95-1	5354	5241	5194	5263	1.56	cps
Molybdenum	96-1	23058	23192	23215	23155	0.37	cps
Molybdenum	97-1	3364	3167	3247	3259	3.04	cps
Molybdenum	98-1	8663	8219	8312	8398	2.78	cps
Neodymium	150-1	145131	146013	146357	145834	0.43	cps
Neodymium	150-2	89310	89964	89914	89730	0.41	cps
Nickel	60-2	91614	92024	92188	91942	0.32	cps
Phosphorus	31-2	24957	24363	25204	24841	1.74	cps
Potassium	39-2	629065	631893	628491	629816	0.29	cps
Rhodium	103-1	11423847	11591736	11603298	11539627	0.87	cps
Rhodium	103-2	7284789	7226277	7322564	7277876	0.67	cps
Scandium	45-1	6524638	6633779	6694712	6617710	1.30	cps
Scandium	45-2	622760	620358	621300	621473	0.19	cps
Selenium	82-1	591	701	642	644	8.53	cps
Selenium	77-2	260	263	233	252	6.52	cps
Selenium	78-2	613	577	600	597	3.11	cps
Silicon	28-1	32948810	33709254	34222815	33626960	1.91	cps
Silver	107-1	3444	2817	2720	2994	13.12	cps
Silver	109-1	2720	2120	2003	2281	16.86	cps
Sodium	23-2	766004	766717	761922	764881	0.34	cps
Strontium	86-1	291826	295305	298988	295373	1.21	cps
Strontium	88-1	2643103	2675143	2697655	2671967	1.03	cps
Sulfur	34-1	145838	149880	149170	148296	1.46	cps
Terbium	159-1	17532986	17581843	17765520	17626783	0.70	cps
Terbium	159-2	12101889	12112235	12022894	12079006	0.40	cps
Thallium	203-1	4894	4974	4514	4794	5.13	cps
Thallium	205-1	11348	10864	10811	11008	2.69	cps
Tin	118-1	21987	21349	21843	21726	1.54	cps
Titanium	47-1	3486036	3594620	3617232	3565963	1.97	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-06 Instrumnet Name : P7
Client Sample ID : MJNBZ2 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:48:34 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53808	53236	53263	53436	0.60	cps
Vanadium	51-2	535675	536340	534720	535578	0.15	cps
Yttrium	89-1	20106023	20723934	20855964	20561973	1.95	cps
Yttrium	89-2	6031887	5991947	6004385	6009406	0.34	cps
Zinc	66-2	122014	121358	120290	121220	0.72	cps
Zirconium	90-1	229587	235653	236682	233974	1.64	cps
Zirconium	91-1	50507	51761	52413	51560	1.88	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-07 Instrumnet Name : P7
Client Sample ID : MJNBZ2D Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:51:41 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4917855	5000053	4941618	4953175	0.85	cps
Antimony	121-1	2374	2544	2444	2454	3.48	cps
Arsenic	75-2	6261	6301	6175	6246	1.04	cps
Barium	135-1	560127	559786	560861	560258	0.10	cps
Barium	137-1	975702	978428	976987	977039	0.14	cps
Beryllium	9-1	1093	1083	1087	1088	0.47	cps
Bismuth	209-1	11136688	11190155	11219021	11181955	0.37	cps
Bismuth	209-2	8739167	8750780	8703703	8731217	0.28	cps
Bromine	81-1	15165	15251	15291	15236	0.43	cps
Bromine	81-2	460	460	503	474	5.27	cps
Cadmium	108-1	590	523	533	549	6.55	cps
Cadmium	106-1	88789	87471	86955	87738	1.08	cps
Cadmium	111-1	1224	1291	1332	1282	4.22	cps
Calcium	43-1	358614	358894	355585	357698	0.51	cps
Calcium	44-1	5763728	5789488	5726595	5759937	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118501	117812	115310	117208	1.43	cps
Cobalt	59-2	226722	224279	224525	225175	0.60	cps
Copper	63-2	373605	374589	369796	372664	0.68	cps
Dysprosium	156-1	114233	113692	114283	114069	0.29	cps
Dysprosium	156-2	88738	88708	87554	88333	0.76	cps
Erbium	164-1	103231	101378	103402	102670	1.09	cps
Erbium	164-2	72299	72728	70795	71941	1.41	cps
Gadolinium	160-1	104116	103757	104983	104285	0.60	cps
Gadolinium	160-2	75984	75096	73954	75012	1.36	cps
Holmium	165-1	17656722	17501626	17670085	17609478	0.53	cps
Holmium	165-2	12252781	12343121	12234271	12276724	0.47	cps
Indium	115-1	13079164	13078436	12993743	13050448	0.38	cps
Indium	115-2	5123191	5044260	4946579	5038010	1.76	cps
Iron	56-2	271623269	273963189	270535003	272040487	0.64	cps
Iron	57-2	6753094	6770206	6721107	6748135	0.37	cps
Iron	54-2	14915418	14972832	14866844	14918365	0.36	cps
Krypton	83-1	293	270	377	313	17.90	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-07 Instrumnet Name : P7
Client Sample ID : MJNBZ2D Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:51:41 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	475453	471610	475964	474342	0.50	cps
Lead	207-1	396730	401982	399850	399521	0.66	cps
Lead	208-1	1853303	1856245	1856715	1855421	0.10	cps
Lithium	6-1	1639671	1613003	1647942	1633539	1.12	cps
Magnesium	24-2	6801635	6811433	6756154	6789741	0.43	cps
Manganese	55-2	4004859	4004271	3968504	3992545	0.52	cps
Molybdenum	94-1	83617	84150	83480	83749	0.42	cps
Molybdenum	95-1	4474	4231	4144	4283	4.00	cps
Molybdenum	96-1	21616	21412	20922	21317	1.67	cps
Molybdenum	97-1	2657	2667	2697	2674	0.78	cps
Molybdenum	98-1	6778	6542	6565	6628	1.97	cps
Neodymium	150-1	150214	150204	148563	149660	0.63	cps
Neodymium	150-2	91259	90172	90287	90573	0.66	cps
Nickel	60-2	94334	94716	94120	94390	0.32	cps
Phosphorus	31-2	24887	25341	24984	25071	0.95	cps
Potassium	39-2	636546	631792	630286	632875	0.52	cps
Rhodium	103-1	11798100	11694094	11814803	11768999	0.56	cps
Rhodium	103-2	7421886	7321160	7260910	7334652	1.11	cps
Scandium	45-1	6845124	6738954	6699911	6761330	1.11	cps
Scandium	45-2	625890	628462	623646	625999	0.38	cps
Selenium	82-1	687	699	592	660	8.85	cps
Selenium	77-2	213	267	230	237	11.53	cps
Selenium	78-2	593	560	543	566	4.50	cps
Silicon	28-1	37777265	37916887	37690974	37795042	0.30	cps
Silver	107-1	2280	2190	2023	2165	6.02	cps
Silver	109-1	1610	1460	1517	1529	4.95	cps
Sodium	23-2	818022	814401	812424	814949	0.35	cps
Strontium	86-1	316373	315584	316085	316014	0.13	cps
Strontium	88-1	2856179	2891742	2831838	2859919	1.05	cps
Sulfur	34-1	140368	140088	138117	139524	0.88	cps
Terbium	159-1	18066046	17892303	17749879	17902743	0.88	cps
Terbium	159-2	12056542	12063340	12046291	12055391	0.07	cps
Thallium	203-1	3884	4361	4464	4236	7.31	cps
Thallium	205-1	9420	10327	10127	9958	4.79	cps
Tin	118-1	22481	22417	22040	22313	1.07	cps
Titanium	47-1	3777515	3817993	3813246	3802918	0.58	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-07 Instrumnet Name : P7
Client Sample ID : MJNBZ2D Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:51:41 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54197	54200	53608	54001	0.63	cps
Vanadium	51-2	550504	550700	545512	548905	0.54	cps
Yttrium	89-1	20838243	21119518	21220476	21059412	0.94	cps
Yttrium	89-2	6111326	6074370	5982459	6056052	1.10	cps
Zinc	66-2	122985	123046	122984	123005	0.03	cps
Zirconium	90-1	222882	222991	222341	222738	0.16	cps
Zirconium	91-1	49349	49035	49273	49219	0.33	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-06LX5 Instrumnet Name : P7
Client Sample ID : MJNBZ2L Dilution Factor : 5
Date & Time Acquired : 2025-01-03 20:54:50 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	874358	878428	869856	874214	0.49	cps
Antimony	121-1	850	947	743	847	12.01	cps
Arsenic	75-2	1353	1187	1310	1283	6.74	cps
Barium	135-1	103667	107152	106585	105802	1.77	cps
Barium	137-1	183654	187059	185576	185430	0.92	cps
Beryllium	9-1	223	257	243	241	6.96	cps
Bismuth	209-1	11528682	10992357	11079372	11200137	2.57	cps
Bismuth	209-2	8506156	8694442	8712673	8637757	1.32	cps
Bromine	81-1	14167	14674	14247	14363	1.90	cps
Bromine	81-2	147	133	143	141	4.92	cps
Cadmium	108-1	260	277	250	262	5.14	cps
Cadmium	106-1	83729	81376	82308	82471	1.44	cps
Cadmium	111-1	547	547	523	539	2.51	cps
Calcium	43-1	66696	68531	68664	67964	1.62	cps
Calcium	44-1	1108201	1132103	1129509	1123271	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25391	25856	25916	25721	1.12	cps
Cobalt	59-2	44272	44292	43757	44107	0.69	cps
Copper	63-2	79490	79594	77412	78832	1.56	cps
Dysprosium	156-1	21764	21997	21971	21910	0.58	cps
Dysprosium	156-2	16990	17054	16927	16990	0.37	cps
Erbium	164-1	19434	19424	19874	19577	1.31	cps
Erbium	164-2	14060	14171	13860	14030	1.12	cps
Gadolinium	160-1	19233	20301	20368	19968	3.19	cps
Gadolinium	160-2	14918	15218	14981	15039	1.05	cps
Holmium	165-1	17762541	17321518	17362275	17482112	1.39	cps
Holmium	165-2	11945142	11886524	11892815	11908160	0.27	cps
Indium	115-1	13352258	13053725	12895620	13100534	1.77	cps
Indium	115-2	5021878	5034388	5053473	5036579	0.32	cps
Iron	56-2	52062886	51746754	51809519	51873053	0.32	cps
Iron	57-2	1309838	1305041	1303096	1305992	0.27	cps
Iron	54-2	2861428	2892432	2849486	2867782	0.77	cps
Krypton	83-1	227	197	173	199	13.44	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-06LX5 Instrumnet Name : P7
Client Sample ID : MJNBZ2L Dilution Factor : 5
Date & Time Acquired : 2025-01-03 20:54:50 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	95009	95700	94230	94980	0.77	cps
Lead	207-1	78425	79963	80714	79701	1.46	cps
Lead	208-1	368404	374819	370973	371399	0.87	cps
Lithium	6-1	1621928	1563248	1560901	1582026	2.19	cps
Magnesium	24-2	1314186	1304694	1289552	1302811	0.95	cps
Manganese	55-2	765519	771263	762263	766348	0.59	cps
Molybdenum	94-1	17531	17971	17834	17779	1.27	cps
Molybdenum	95-1	1203	1163	1210	1192	2.12	cps
Molybdenum	96-1	4661	4808	4831	4766	1.93	cps
Molybdenum	97-1	787	850	763	800	5.61	cps
Molybdenum	98-1	1743	1883	1913	1847	4.91	cps
Neodymium	150-1	28936	29718	28516	29057	2.10	cps
Neodymium	150-2	17498	17498	17614	17537	0.38	cps
Nickel	60-2	18959	19249	18919	19042	0.95	cps
Phosphorus	31-2	5071	5131	5158	5120	0.87	cps
Potassium	39-2	167379	170132	170328	169280	0.97	cps
Rhodium	103-1	12222478	11840576	11725428	11929494	2.18	cps
Rhodium	103-2	7358197	7205837	7353373	7305802	1.19	cps
Scandium	45-1	6696618	6415539	6317161	6476439	3.04	cps
Scandium	45-2	595242	595684	599502	596810	0.39	cps
Selenium	82-1	510	498	551	520	5.34	cps
Selenium	77-2	53	50	60	54	9.35	cps
Selenium	78-2	410	497	403	437	11.92	cps
Silicon	28-1	7637076	7730880	7699910	7689289	0.62	cps
Silver	107-1	543	630	613	596	7.72	cps
Silver	109-1	430	503	397	443	12.31	cps
Sodium	23-2	185847	185438	184892	185393	0.26	cps
Strontium	86-1	58345	59443	58837	58875	0.93	cps
Strontium	88-1	513011	515303	517042	515119	0.39	cps
Sulfur	34-1	130381	129510	128189	129360	0.85	cps
Terbium	159-1	18034238	17499112	17295720	17609690	2.17	cps
Terbium	159-2	11820234	11679576	11726893	11742234	0.61	cps
Thallium	203-1	1540	1443	1503	1496	3.26	cps
Thallium	205-1	3944	3817	3581	3781	4.88	cps
Tin	118-1	7802	7809	7325	7645	3.63	cps
Titanium	47-1	675268	685937	684632	681946	0.85	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-06LX5 Instrumnet Name : P7
Client Sample ID : MJNBZ2L Dilution Factor : 5
Date & Time Acquired : 2025-01-03 20:54:50 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10551	10314	10504	10456	1.20	cps
Vanadium	51-2	106335	103878	105214	105142	1.17	cps
Yttrium	89-1	20213860	19557688	19397651	19723067	2.19	cps
Yttrium	89-2	5697190	5585407	5655229	5645942	1.00	cps
Zinc	66-2	24807	24640	24654	24701	0.38	cps
Zirconium	90-1	46657	48440	47627	47575	1.88	cps
Zirconium	91-1	10037	10707	10370	10372	3.23	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-08 Instrumnet Name : P7
Client Sample ID : MJNBZ2S Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:58:02 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5064452	5058352	5055315	5059373	0.09	cps
Antimony	121-1	262119	268218	267169	265835	1.23	cps
Arsenic	75-2	11541	11868	11992	11800	1.97	cps
Barium	135-1	1928355	1977035	1950861	1952084	1.25	cps
Barium	137-1	3398694	3422167	3443946	3421602	0.66	cps
Beryllium	9-1	14410	14527	14307	14415	0.76	cps
Bismuth	209-1	11640651	11351552	11303372	11431858	1.60	cps
Bismuth	209-2	8735629	8615211	8818856	8723232	1.17	cps
Bromine	81-1	14587	15425	15064	15026	2.80	cps
Bromine	81-2	360	443	493	432	15.58	cps
Cadmium	108-1	2954	2820	3170	2981	5.93	cps
Cadmium	106-1	94028	91298	89688	91671	2.39	cps
Cadmium	111-1	32028	33274	32780	32694	1.92	cps
Calcium	43-1	354486	360522	358244	357751	0.85	cps
Calcium	44-1	5702618	5683126	5652368	5679371	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	320959	318532	321372	320288	0.48	cps
Cobalt	59-2	1015034	1012935	1019225	1015731	0.32	cps
Copper	63-2	640311	639417	642305	640678	0.23	cps
Dysprosium	156-1	112079	115355	113514	113649	1.44	cps
Dysprosium	156-2	87882	88610	89003	88498	0.64	cps
Erbium	164-1	101062	103721	103711	102831	1.49	cps
Erbium	164-2	72725	71455	71612	71931	0.96	cps
Gadolinium	160-1	103912	104865	104774	104517	0.50	cps
Gadolinium	160-2	74959	74637	74939	74845	0.24	cps
Holmium	165-1	18461486	17867483	17758519	18029163	2.10	cps
Holmium	165-2	12297808	12206515	12161336	12221886	0.57	cps
Indium	115-1	13652919	13184801	13250595	13362771	1.90	cps
Indium	115-2	5100811	4979097	5102792	5060900	1.40	cps
Iron	56-2	273410069	272260443	273927096	273199203	0.31	cps
Iron	57-2	6785647	6759733	6757172	6767518	0.23	cps
Iron	54-2	14951124	14825190	14927619	14901311	0.45	cps
Krypton	83-1	327	333	297	319	6.13	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-08 Instrumnet Name : P7
Client Sample ID : MJNBZ2S Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:58:02 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	511336	523240	517700	517425	1.15	cps
Lead	207-1	435709	441126	441939	439591	0.77	cps
Lead	208-1	2007283	2040244	2045736	2031088	1.02	cps
Lithium	6-1	1648702	1607496	1632996	1629732	1.28	cps
Magnesium	24-2	6807725	6676098	6741046	6741623	0.98	cps
Manganese	55-2	4395127	4340339	4391398	4375621	0.70	cps
Molybdenum	94-1	779610	785117	790033	784920	0.66	cps
Molybdenum	95-1	1218864	1234814	1239539	1231072	0.88	cps
Molybdenum	96-1	1310413	1341354	1332487	1328084	1.20	cps
Molybdenum	97-1	763212	770748	771040	768334	0.58	cps
Molybdenum	98-1	2022713	2067268	2045622	2045201	1.09	cps
Neodymium	150-1	146168	148277	152150	148865	2.04	cps
Neodymium	150-2	91649	88401	90363	90138	1.81	cps
Nickel	60-2	296671	292752	291668	293697	0.90	cps
Phosphorus	31-2	24814	25815	24910	25180	2.19	cps
Potassium	39-2	626953	642797	630803	633518	1.30	cps
Rhodium	103-1	12431299	11798346	11973357	12067667	2.71	cps
Rhodium	103-2	7393042	7349916	7313791	7352250	0.54	cps
Scandium	45-1	7012353	6730223	6611987	6784855	3.03	cps
Scandium	45-2	624750	622006	630022	625593	0.65	cps
Selenium	82-1	4517	4696	4691	4635	2.19	cps
Selenium	77-2	680	747	643	690	7.59	cps
Selenium	78-2	2057	1973	2207	2079	5.69	cps
Silicon	28-1	37442271	38365164	37938460	37915299	1.22	cps
Silver	107-1	162073	163883	163371	163109	0.57	cps
Silver	109-1	153891	156430	155342	155221	0.82	cps
Sodium	23-2	796667	818649	806559	807292	1.36	cps
Strontium	86-1	312709	318837	318859	316801	1.12	cps
Strontium	88-1	2861127	2874178	2857353	2864219	0.31	cps
Sulfur	34-1	134717	135585	133618	134640	0.73	cps
Terbium	159-1	18670628	18251075	18036172	18319292	1.76	cps
Terbium	159-2	12211152	12017505	12162895	12130518	0.83	cps
Thallium	203-1	139455	141563	142701	141240	1.17	cps
Thallium	205-1	329619	335667	335770	333685	1.06	cps
Tin	118-1	22444	22174	21586	22068	1.99	cps
Titanium	47-1	3783791	3821407	3775786	3793661	0.64	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5250-08 Instrumnet Name : P7
Client Sample ID : MJNBZ2S Dilution Factor : 1
Date & Time Acquired : 2025-01-03 20:58:02 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54006	54628	53942	54192	0.70	cps
Vanadium	51-2	987692	983725	991359	987592	0.39	cps
Yttrium	89-1	21888451	21073954	21044659	21335688	2.24	cps
Yttrium	89-2	6084183	6026377	6012357	6040972	0.63	cps
Zinc	66-2	220007	219984	219436	219809	0.15	cps
Zirconium	90-1	219212	223365	220180	220919	0.98	cps
Zirconium	91-1	47918	49627	48289	48611	1.85	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-01 Instrumnet Name : P7
Client Sample ID : MH2D26 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:01:09 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2831877	2880466	2867134	2859825	0.88	cps
Antimony	121-1	79247	78690	79579	79172	0.57	cps
Arsenic	75-2	25816	26754	26263	26278	1.79	cps
Barium	135-1	202885	204121	200805	202603	0.83	cps
Barium	137-1	349057	353400	350876	351111	0.62	cps
Beryllium	9-1	1573	1530	1663	1589	4.28	cps
Bismuth	209-1	12364825	12198725	12146903	12236818	0.93	cps
Bismuth	209-2	9175969	9174700	9111681	9154117	0.40	cps
Bromine	81-1	15528	15879	16429	15945	2.85	cps
Bromine	81-2	270	287	327	294	9.89	cps
Cadmium	108-1	5641	5344	5414	5467	2.84	cps
Cadmium	106-1	95028	92519	92146	93231	1.68	cps
Cadmium	111-1	64197	65273	64954	64808	0.85	cps
Calcium	43-1	109068	112788	110492	110783	1.69	cps
Calcium	44-1	1765195	1824823	1785406	1791808	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42312	42366	41988	42222	0.48	cps
Cobalt	59-2	170702	168848	167325	168958	1.00	cps
Copper	63-2	8162412	8047571	8115211	8108398	0.71	cps
Dysprosium	156-1	76832	77834	78129	77598	0.88	cps
Dysprosium	156-2	61865	62281	61166	61771	0.91	cps
Erbium	164-1	49624	50963	50507	50365	1.35	cps
Erbium	164-2	34533	34342	33674	34183	1.32	cps
Gadolinium	160-1	59991	61062	60955	60669	0.97	cps
Gadolinium	160-2	43330	42511	44113	43318	1.85	cps
Holmium	165-1	18061258	17894667	17921602	17959176	0.50	cps
Holmium	165-2	12233166	12175881	12074161	12161069	0.66	cps
Indium	115-1	13707085	13525240	13245302	13492542	1.72	cps
Indium	115-2	5168613	5224858	5148277	5180583	0.77	cps
Iron	56-2	197199484	198191177	198318657	197903106	0.31	cps
Iron	57-2	4915068	4855894	4908153	4893038	0.66	cps
Iron	54-2	10935591	10871225	10849699	10885505	0.41	cps
Krypton	83-1	270	197	313	260	22.68	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-01 Instrumnet Name : P7
Client Sample ID : MH2D26 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:01:09 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	69574764	70005179	69672062	69750668	0.32	cps
Lead	207-1	57937901	58977014	58637111	58517342	0.91	cps
Lead	208-1	269905446	272045794	269885158	270612133	0.46	cps
Lithium	6-1	1613089	1579501	1570062	1587551	1.42	cps
Magnesium	24-2	2550027	2495438	2537327	2527597	1.13	cps
Manganese	55-2	118806338	119651945	119157895	119205393	0.36	cps
Molybdenum	94-1	758706	759652	770896	763085	0.89	cps
Molybdenum	95-1	1323128	1339959	1332823	1331970	0.63	cps
Molybdenum	96-1	1447561	1485988	1460188	1464579	1.34	cps
Molybdenum	97-1	829172	842331	841815	837773	0.89	cps
Molybdenum	98-1	2221482	2233496	2219560	2224846	0.34	cps
Neodymium	150-1	112656	114268	113092	113339	0.74	cps
Neodymium	150-2	67119	67316	66569	67001	0.58	cps
Nickel	60-2	16843	16623	16493	16653	1.06	cps
Phosphorus	31-2	19689	19189	19793	19557	1.65	cps
Potassium	39-2	680028	677361	680469	679286	0.25	cps
Rhodium	103-1	12296079	12221163	12333398	12283547	0.47	cps
Rhodium	103-2	7499575	7574194	7409552	7494440	1.10	cps
Scandium	45-1	6826654	6773793	6803965	6801471	0.39	cps
Scandium	45-2	628133	633720	627514	629789	0.54	cps
Selenium	82-1	879	1013	842	912	9.87	cps
Selenium	77-2	193	193	167	184	8.35	cps
Selenium	78-2	730	620	743	698	9.70	cps
Silicon	28-1	14360844	14951838	14986808	14766496	2.38	cps
Silver	107-1	566460	568836	567903	567733	0.21	cps
Silver	109-1	540741	539840	535875	538818	0.48	cps
Sodium	23-2	87011	86726	85519	86418	0.92	cps
Strontium	86-1	101819	104571	103027	103139	1.34	cps
Strontium	88-1	893797	910149	906343	903430	0.95	cps
Sulfur	34-1	193269	199609	200497	197792	1.99	cps
Terbium	159-1	18388166	18166466	18270283	18274972	0.61	cps
Terbium	159-2	12020096	12099899	11892619	12004205	0.87	cps
Thallium	203-1	9223	9233	9377	9278	0.93	cps
Thallium	205-1	21327	22185	22455	21989	2.68	cps
Tin	118-1	10290	9573	9867	9910	3.64	cps
Titanium	47-1	26827	26089	26801	26572	1.58	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-01 Instrumnet Name : P7
Client Sample ID : MH2D26 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:01:09 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	71930	72714	72101	72248	0.57	cps
Vanadium	51-2	110256	111068	110407	110577	0.39	cps
Yttrium	89-1	21071150	20637826	20849931	20852969	1.04	cps
Yttrium	89-2	5903345	5963728	5830916	5899330	1.13	cps
Zinc	66-2	7494664	7498329	7532324	7508439	0.28	cps
Zirconium	90-1	8926	8876	9260	9021	2.31	cps
Zirconium	91-1	1853	1843	1847	1848	0.28	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-02 Instrumnet Name : P7
Client Sample ID : MH2D29 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:04:11 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	971025	969508	969471	970001	0.09	cps
Antimony	121-1	1029120	1041960	1027910	1032997	0.75	cps
Arsenic	75-2	191319	193004	188679	191001	1.14	cps
Barium	135-1	127817	129899	127807	128508	0.94	cps
Barium	137-1	222662	225082	223662	223802	0.54	cps
Beryllium	9-1	1207	1093	1080	1127	6.18	cps
Bismuth	209-1	14797790	14289249	14237906	14441648	2.14	cps
Bismuth	209-2	10981764	11030610	10910712	10974362	0.55	cps
Bromine	81-1	16836	17591	17440	17289	2.31	cps
Bromine	81-2	330	383	320	344	9.88	cps
Cadmium	108-1	13843	13803	13943	13863	0.52	cps
Cadmium	106-1	106007	104402	104059	104822	0.99	cps
Cadmium	111-1	174775	178843	177356	176991	1.16	cps
Calcium	43-1	445096	448697	446491	446762	0.41	cps
Calcium	44-1	7145313	7303087	7301493	7249964	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30354	29733	29946	30011	1.05	cps
Cobalt	59-2	59839	60548	59732	60040	0.74	cps
Copper	63-2	9408542	9318373	9277374	9334763	0.72	cps
Dysprosium	156-1	28365	28399	28058	28274	0.66	cps
Dysprosium	156-2	22078	22461	21079	21873	3.26	cps
Erbium	164-1	20408	20709	20822	20646	1.04	cps
Erbium	164-2	14047	13974	14204	14075	0.84	cps
Gadolinium	160-1	24391	24365	23627	24128	1.80	cps
Gadolinium	160-2	17968	17795	17287	17683	2.00	cps
Holmium	165-1	18112652	17592899	17924843	17876798	1.47	cps
Holmium	165-2	12220584	12226741	12081481	12176269	0.67	cps
Indium	115-1	14477658	14190302	14322374	14330112	1.00	cps
Indium	115-2	5485183	5550669	5541361	5525737	0.64	cps
Iron	56-2	607972311	606708244	603596591	606092382	0.37	cps
Iron	57-2	14873504	14874471	14838512	14862162	0.14	cps
Iron	54-2	32996589	32768556	33296007	33020384	0.80	cps
Krypton	83-1	217	243	233	231	5.83	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-02 Instrumnet Name : P7
Client Sample ID : MH2D29 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:04:11 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	400463767	400029941	402007127	400833612	0.26	cps
Lead	207-1	352098715	351912195	347251528	350420813	0.78	cps
Lead	208-1	1604502709	1603969456	1607924483	1605465549	0.13	cps
Lithium	6-1	1484757	1440465	1419991	1448404	2.29	cps
Magnesium	24-2	552650	551556	556332	553513	0.45	cps
Manganese	55-2	147003124	147470501	150365608	148279744	1.23	cps
Molybdenum	94-1	232640	233625	234678	233648	0.44	cps
Molybdenum	95-1	399494	402824	403398	401905	0.52	cps
Molybdenum	96-1	431866	436800	431904	433523	0.65	cps
Molybdenum	97-1	248066	247995	250747	248936	0.63	cps
Molybdenum	98-1	634383	644011	646543	641646	1.00	cps
Neodymium	150-1	33623	33102	33724	33483	1.00	cps
Neodymium	150-2	20175	19704	19817	19899	1.23	cps
Nickel	60-2	10867	10864	10731	10821	0.72	cps
Phosphorus	31-2	15037	15124	15011	15058	0.39	cps
Potassium	39-2	826338	826924	823094	825452	0.25	cps
Rhodium	103-1	12690825	12445686	12531481	12555997	0.99	cps
Rhodium	103-2	7732976	7759996	7661007	7717993	0.66	cps
Scandium	45-1	7013671	7069502	7125390	7069521	0.79	cps
Scandium	45-2	658014	657057	662648	659240	0.45	cps
Selenium	82-1	2612	2640	2567	2606	1.41	cps
Selenium	77-2	270	343	277	297	13.67	cps
Selenium	78-2	1297	1297	1420	1338	5.32	cps
Silicon	28-1	16603419	17119608	17215398	16979475	1.94	cps
Silver	107-1	2078037	2087400	2110694	2092044	0.80	cps
Silver	109-1	2004235	1998000	2062078	2021438	1.75	cps
Sodium	23-2	153160	154365	152140	153221	0.73	cps
Strontium	86-1	159372	160363	160192	159976	0.33	cps
Strontium	88-1	1392987	1400816	1421887	1405230	1.06	cps
Sulfur	34-1	3142438	3156594	3161187	3153406	0.31	cps
Terbium	159-1	18341636	18118227	17971072	18143645	1.03	cps
Terbium	159-2	12134316	12080464	12091712	12102164	0.23	cps
Thallium	203-1	18519	17965	17909	18131	1.86	cps
Thallium	205-1	42827	42740	43412	42993	0.85	cps
Tin	118-1	58769	57835	57929	58178	0.88	cps
Titanium	47-1	93171	95204	94556	94311	1.10	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-02 Instrumnet Name : P7
Client Sample ID : MH2D29 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:04:11 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53132	52724	52721	52859	0.45	cps
Vanadium	51-2	64674	65013	64286	64658	0.56	cps
Yttrium	89-1	21034079	20910168	20766270	20903506	0.64	cps
Yttrium	89-2	6021731	6095758	6074190	6063893	0.63	cps
Zinc	66-2	15033389	14982430	15084037	15033285	0.34	cps
Zirconium	90-1	18248	19273	18625	18715	2.77	cps
Zirconium	91-1	4595	4127	4207	4310	5.80	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-03 Instrumnet Name : P7
Client Sample ID : MH2D32 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:07:20 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2225277	2237015	2226080	2229457	0.29	cps
Antimony	121-1	283326	282441	283922	283230	0.26	cps
Arsenic	75-2	86587	88549	86128	87088	1.48	cps
Barium	135-1	644466	643982	646999	645149	0.25	cps
Barium	137-1	1118066	1120144	1130789	1123000	0.61	cps
Beryllium	9-1	1337	1487	1343	1389	6.10	cps
Bismuth	209-1	12605371	12398853	12330402	12444875	1.15	cps
Bismuth	209-2	9408689	9367169	9389459	9388439	0.22	cps
Bromine	81-1	18752	19156	18936	18948	1.07	cps
Bromine	81-2	740	747	723	737	1.63	cps
Cadmium	108-1	2924	2990	3054	2989	2.18	cps
Cadmium	106-1	92774	89195	90094	90687	2.05	cps
Cadmium	111-1	33537	33245	33826	33536	0.87	cps
Calcium	43-1	79108	78126	79296	78843	0.80	cps
Calcium	44-1	1293709	1291870	1286469	1290683	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	367494	366031	363382	365636	0.57	cps
Cobalt	59-2	84811	83846	83728	84129	0.71	cps
Copper	63-2	4917018	4915903	4859397	4897439	0.67	cps
Dysprosium	156-1	58042	58063	58585	58230	0.53	cps
Dysprosium	156-2	45597	46513	46978	46363	1.52	cps
Erbium	164-1	39385	38540	38433	38786	1.35	cps
Erbium	164-2	27510	26649	26455	26871	2.09	cps
Gadolinium	160-1	48253	48183	48106	48180	0.15	cps
Gadolinium	160-2	34880	33968	35030	34626	1.66	cps
Holmium	165-1	18190944	18002392	17879245	18024193	0.87	cps
Holmium	165-2	12240924	12386089	12125993	12251002	1.06	cps
Indium	115-1	14297790	14177555	13998753	14158033	1.06	cps
Indium	115-2	5351034	5404188	5366334	5373852	0.51	cps
Iron	56-2	466936246	466220993	463823686	465660309	0.35	cps
Iron	57-2	11574578	11561498	11454130	11530069	0.57	cps
Iron	54-2	25914085	25649057	25568505	25710549	0.70	cps
Krypton	83-1	217	190	237	214	10.92	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-03 Instrumnet Name : P7
Client Sample ID : MH2D32 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:07:20 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	125233985	126902808	127513735	126550176	0.93	cps
Lead	207-1	108634018	108696372	109386542	108905644	0.38	cps
Lead	208-1	497505219	498292189	500128379	498641929	0.27	cps
Lithium	6-1	1550723	1463522	1481446	1498564	3.07	cps
Magnesium	24-2	2189554	2195527	2188045	2191042	0.18	cps
Manganese	55-2	15544572	15467404	15379510	15463829	0.53	cps
Molybdenum	94-1	284371	284691	282716	283926	0.37	cps
Molybdenum	95-1	491697	494979	492699	493125	0.34	cps
Molybdenum	96-1	529933	533941	534561	532812	0.47	cps
Molybdenum	97-1	307482	309991	309175	308883	0.41	cps
Molybdenum	98-1	795742	793822	791830	793798	0.25	cps
Neodymium	150-1	79013	78205	80562	79260	1.51	cps
Neodymium	150-2	48031	48409	47811	48084	0.63	cps
Nickel	60-2	31186	30912	30661	30920	0.85	cps
Phosphorus	31-2	30297	29896	29609	29934	1.15	cps
Potassium	39-2	1811432	1815063	1824565	1817020	0.37	cps
Rhodium	103-1	12955316	12496724	12625610	12692550	1.86	cps
Rhodium	103-2	7702413	7760926	7609143	7690827	1.00	cps
Scandium	45-1	7337338	7051915	7176723	7188659	1.99	cps
Scandium	45-2	659744	662795	651404	657981	0.90	cps
Selenium	82-1	1129	1180	1110	1140	3.18	cps
Selenium	77-2	190	160	243	198	21.34	cps
Selenium	78-2	767	753	757	759	0.91	cps
Silicon	28-1	11006926	10712182	10943066	10887391	1.42	cps
Silver	107-1	733745	737171	732322	734413	0.34	cps
Silver	109-1	693257	705124	697485	698622	0.86	cps
Sodium	23-2	219310	218988	217355	218551	0.48	cps
Strontium	86-1	163733	164592	165112	164479	0.42	cps
Strontium	88-1	1482261	1478272	1482217	1480917	0.15	cps
Sulfur	34-1	794715	787799	788872	790462	0.47	cps
Terbium	159-1	18555788	18185449	18072186	18271141	1.38	cps
Terbium	159-2	12122957	12163496	12072879	12119777	0.37	cps
Thallium	203-1	7866	7949	8199	8005	2.17	cps
Thallium	205-1	17975	18833	18846	18552	2.69	cps
Tin	118-1	188203	188666	188570	188480	0.13	cps
Titanium	47-1	309876	308565	310455	309632	0.31	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-03 Instrumnet Name : P7
Client Sample ID : MH2D32 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:07:20 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41494	41742	41575	41604	0.30	cps
Vanadium	51-2	132187	131877	131581	131881	0.23	cps
Yttrium	89-1	21698174	21362841	21146285	21402433	1.30	cps
Yttrium	89-2	6135241	6126357	6058100	6106566	0.69	cps
Zinc	66-2	3077383	3049856	3031121	3052787	0.76	cps
Zirconium	90-1	8773	8339	8559	8557	2.53	cps
Zirconium	91-1	1943	1860	1860	1888	2.55	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-04 Instrumnet Name : P7
Client Sample ID : MH2D35 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:16:53 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2636894	2628737	2637493	2634375	0.19	cps
Antimony	121-1	726450	740510	723975	730312	1.22	cps
Arsenic	75-2	61088	60623	61229	60980	0.52	cps
Barium	135-1	586256	599644	586175	590692	1.31	cps
Barium	137-1	1023728	1045987	1020658	1030124	1.34	cps
Beryllium	9-1	1337	1357	1213	1302	5.96	cps
Bismuth	209-1	22103863	18292561	21820758	20739061	10.24	cps
Bismuth	209-2	16481772	16587268	16441834	16503624	0.46	cps
Bromine	81-1	17851	17874	18392	18039	1.69	cps
Bromine	81-2	623	623	550	599	7.07	cps
Cadmium	108-1	11338	11301	11081	11240	1.24	cps
Cadmium	106-1	101719	74105	102213	92679	17.36	cps
Cadmium	111-1	147882	152360	147192	149145	1.88	cps
Calcium	43-1	121737	125121	122241	123033	1.48	cps
Calcium	44-1	2004398	2047097	1986689	2012728	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34406	34266	34603	34425	0.49	cps
Cobalt	59-2	194416	194669	194572	194552	0.07	cps
Copper	63-2	53552401	53705439	53688329	53648723	0.16	cps
Dysprosium	156-1	62645	64946	63298	63630	1.86	cps
Dysprosium	156-2	50363	50972	50099	50478	0.89	cps
Erbium	164-1	47420	49882	47688	48330	2.79	cps
Erbium	164-2	33397	33647	32912	33319	1.12	cps
Gadolinium	160-1	51735	52966	51969	52224	1.25	cps
Gadolinium	160-2	36658	37654	37280	37197	1.35	cps
Holmium	165-1	18226839	12069262	17932659	16076254	21.60	cps
Holmium	165-2	12241343	12318930	12212768	12257680	0.45	cps
Indium	115-1	14006966	9079527	13779900	12288798	22.64	cps
Indium	115-2	5347404	5345141	5306458	5333001	0.43	cps
Iron	56-2	342001068	345246035	339627468	342291524	0.82	cps
Iron	57-2	8499667	8468677	8483076	8483806	0.18	cps
Iron	54-2	18586270	18847644	18674277	18702730	0.71	cps
Krypton	83-1	237	240	257	244	4.38	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-04 Instrumnet Name : P7
Client Sample ID : MH2D35 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:16:53 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	276764903	282564349	276441449	278590234	1.24	cps
Lead	207-1	232584390	241832150	234336603	236251048	2.08	cps
Lead	208-1	1078074391	1106630530	1078237977	1087647633	1.51	cps
Lithium	6-1	1509185	1058275	1539934	1369131	19.69	cps
Magnesium	24-2	2284367	2288922	2270391	2281227	0.42	cps
Manganese	55-2	93843769	94784732	93325915	93984805	0.79	cps
Molybdenum	94-1	368808	382952	371886	374549	1.99	cps
Molybdenum	95-1	638891	656946	642839	646225	1.47	cps
Molybdenum	96-1	684436	701560	685790	690595	1.38	cps
Molybdenum	97-1	397879	413503	403795	405059	1.95	cps
Molybdenum	98-1	1025727	1057164	1033359	1038750	1.58	cps
Neodymium	150-1	84320	86929	83626	84958	2.05	cps
Neodymium	150-2	50891	51226	50962	51026	0.35	cps
Nickel	60-2	17640	17250	17430	17440	1.12	cps
Phosphorus	31-2	18525	18838	19049	18804	1.40	cps
Potassium	39-2	739271	750761	746643	745559	0.78	cps
Rhodium	103-1	12813973	8442303	12630681	11295652	21.89	cps
Rhodium	103-2	7806244	7842124	7707010	7785126	0.90	cps
Scandium	45-1	7284813	4706658	7124255	6371909	22.67	cps
Scandium	45-2	661453	664327	659358	661713	0.38	cps
Selenium	82-1	2497	2428	2456	2460	1.41	cps
Selenium	77-2	320	380	330	343	9.36	cps
Selenium	78-2	1190	1250	1277	1239	3.58	cps
Silicon	28-1	14334019	14924467	15140152	14799546	2.82	cps
Silver	107-1	2828772	2926443	2888450	2881222	1.71	cps
Silver	109-1	2756883	2851944	2726373	2778400	2.36	cps
Sodium	23-2	94246	94595	94212	94351	0.22	cps
Strontium	86-1	150514	154501	151460	152158	1.37	cps
Strontium	88-1	1317389	1370011	1333335	1340245	2.01	cps
Sulfur	34-1	858506	874699	862192	865132	0.98	cps
Terbium	159-1	18397610	12012849	18240146	16216868	22.46	cps
Terbium	159-2	12017336	12164416	12051059	12077604	0.64	cps
Thallium	203-1	7799	8409	7976	8061	3.90	cps
Thallium	205-1	19023	19915	19584	19507	2.31	cps
Tin	118-1	1501161	1597418	1490890	1529823	3.84	cps
Titanium	47-1	96297	99337	96871	97502	1.66	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : P5388-04 Instrumnet Name : P7
Client Sample ID : MH2D35 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:16:53 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	79520	81618	79080	80073	1.69	cps
Vanadium	51-2	111850	113073	111424	112116	0.76	cps
Yttrium	89-1	21859498	14253148	21485823	19199490	22.33	cps
Yttrium	89-2	6143115	6146408	6090933	6126819	0.51	cps
Zinc	66-2	8288732	8303562	8345213	8312502	0.35	cps
Zirconium	90-1	17594	17177	17891	17554	2.04	cps
Zirconium	91-1	3861	3984	3947	3931	1.61	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:21:34 DataFile Name : 031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10883505	10828625	10792687	10834939	0.42	cps
Antimony	121-1	5782542	5719387	5615738	5705889	1.48	cps
Arsenic	75-2	267818	268796	270095	268903	0.42	cps
Barium	135-1	7600865	7552407	7393529	7515600	1.44	cps
Barium	137-1	13176196	13197441	12940375	13104671	1.09	cps
Beryllium	9-1	587441	588810	577445	584565	1.06	cps
Bismuth	209-1	10289931	9880955	9806843	9992576	2.60	cps
Bismuth	209-2	7497044	7598212	7616859	7570705	0.85	cps
Bromine	81-1	13039	11978	12142	12386	4.61	cps
Bromine	81-2	77	77	97	83	13.86	cps
Cadmium	108-1	105396	106161	104936	105498	0.59	cps
Cadmium	106-1	221662	215339	213196	216732	2.03	cps
Cadmium	111-1	1270017	1261264	1241387	1257556	1.17	cps
Calcium	43-1	6547057	6309114	6216098	6357423	2.68	cps
Calcium	44-1	107293502	104721745	101237355	104417534	2.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2125564	2100847	2083319	2103243	1.01	cps
Cobalt	59-2	3243922	3262303	3208344	3238190	0.85	cps
Copper	63-2	22523812	22607780	22433400	22521664	0.39	cps
Dysprosium	156-1	853	900	800	851	5.88	cps
Dysprosium	156-2	793	750	683	742	7.47	cps
Erbium	164-1	400	327	360	362	10.14	cps
Erbium	164-2	260	270	203	244	14.71	cps
Gadolinium	160-1	497	423	557	492	13.57	cps
Gadolinium	160-2	923	913	900	912	1.28	cps
Holmium	165-1	17081992	16301705	16087399	16490365	3.17	cps
Holmium	165-2	11047828	11182794	11012924	11081182	0.81	cps
Indium	115-1	12125120	11313997	11116340	11518486	4.64	cps
Indium	115-2	4273090	4271311	4228589	4257663	0.59	cps
Iron	56-2	482153193	478250673	477856566	479420144	0.50	cps
Iron	57-2	12143869	12120729	12045700	12103433	0.42	cps
Iron	54-2	26509367	26290925	26275695	26358662	0.50	cps
Krypton	83-1	183	153	160	166	9.52	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:21:34 DataFile Name : 031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25101475	25309195	25280640	25230437	0.45	cps
Lead	207-1	22003924	22244489	22234288	22160900	0.61	cps
Lead	208-1	100545852	101426390	100955548	100975930	0.44	cps
Lithium	6-1	1545087	1497260	1477750	1506699	2.30	cps
Magnesium	24-2	89692115	88735855	88824135	89084035	0.59	cps
Manganese	55-2	16534713	16480745	16411950	16475803	0.37	cps
Molybdenum	94-1	19645297	19051201	18986656	19227718	1.89	cps
Molybdenum	95-1	28273620	27692460	27254193	27740091	1.84	cps
Molybdenum	96-1	30583170	30283177	29506330	30124226	1.84	cps
Molybdenum	97-1	17549433	17459693	17014156	17341094	1.65	cps
Molybdenum	98-1	45549166	45233814	44475021	45086000	1.22	cps
Neodymium	150-1	567	520	620	569	8.80	cps
Neodymium	150-2	143	167	170	160	9.08	cps
Nickel	60-2	760357	757986	760796	759713	0.20	cps
Phosphorus	31-2	100215	99367	99457	99680	0.47	cps
Potassium	39-2	59217426	58652852	58714384	58861554	0.53	cps
Rhodium	103-1	10584600	9872764	9832744	10096703	4.19	cps
Rhodium	103-2	6083395	5951246	5957089	5997244	1.25	cps
Scandium	45-1	6170336	5674745	5481562	5775548	6.15	cps
Scandium	45-2	509155	505164	509572	507964	0.48	cps
Selenium	82-1	77160	76391	75327	76293	1.21	cps
Selenium	77-2	8699	8486	8499	8561	1.40	cps
Selenium	78-2	28912	28340	28337	28530	1.16	cps
Silicon	28-1	7269153	6883605	6707916	6953558	4.13	cps
Silver	107-1	6846177	6779239	6625464	6750293	1.68	cps
Silver	109-1	6531294	6428970	6258141	6406135	2.15	cps
Sodium	23-2	151613604	151950148	151298771	151620841	0.21	cps
Strontium	86-1	1753508	1717485	1707360	1726118	1.41	cps
Strontium	88-1	15641513	15268219	15049272	15319668	1.95	cps
Sulfur	34-1	521114	499275	483784	501391	3.74	cps
Terbium	159-1	17133543	16515179	16268618	16639113	2.68	cps
Terbium	159-2	11020841	10795704	10863283	10893276	1.06	cps
Thallium	203-1	6403010	6421064	6401823	6408632	0.17	cps
Thallium	205-1	15150842	15436983	15378623	15322149	0.99	cps
Tin	118-1	4746796	4626500	4596754	4656683	1.71	cps
Titanium	47-1	6361786	6169838	6064924	6198849	2.43	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:21:34 DataFile Name : 031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20694957	21287179	20988580	20990238	1.41	cps
Vanadium	51-2	1896203	1844496	1851273	1863991	1.51	cps
Yttrium	89-1	18707408	17421801	17093479	17740896	4.81	cps
Yttrium	89-2	4827837	4807036	4861175	4832016	0.57	cps
Zinc	66-2	3783968	3792931	3705363	3760754	1.28	cps
Zirconium	90-1	9560895	9312357	9181378	9351543	2.06	cps
Zirconium	91-1	2134183	2079877	2093679	2102579	1.34	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-03 21:28:34 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243	287	270	267	8.20	cps
Antimony	121-1	477	650	557	561	15.46	cps
Arsenic	75-2	20	20	20	20	0.00	cps
Barium	135-1	200	123	190	171	24.35	cps
Barium	137-1	357	297	250	301	17.76	cps
Beryllium	9-1	83	63	63	70	16.50	cps
Bismuth	209-1	11256544	10879161	10882470	11006058	1.97	cps
Bismuth	209-2	8544949	8615335	8597458	8585914	0.43	cps
Bromine	81-1	13413	13226	13466	13368	0.94	cps
Bromine	81-2	237	217	170	208	16.47	cps
Cadmium	108-1	113	180	160	151	22.64	cps
Cadmium	106-1	74721	74657	74640	74673	0.06	cps
Cadmium	111-1	391	314	308	338	13.72	cps
Calcium	43-1	573	623	513	570	9.66	cps
Calcium	44-1	18522	17917	17230	17890	3.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3287	2990	3260	3179	5.16	cps
Cobalt	59-2	227	267	237	243	8.55	cps
Copper	63-2	4664	4784	4777	4742	1.42	cps
Dysprosium	156-1	3	23	10	12	83.33	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	93	83	77	84	9.93	cps
Erbium	164-2	47	70	50	56	22.71	cps
Gadolinium	160-1	297	220	223	247	17.57	cps
Gadolinium	160-2	870	870	830	857	2.70	cps
Holmium	165-1	16825824	16671870	16944701	16814131	0.81	cps
Holmium	165-2	11626085	11671893	11458807	11585595	0.97	cps
Indium	115-1	12607002	12618657	12636753	12620804	0.12	cps
Indium	115-2	4872385	4822296	4856973	4850551	0.53	cps
Iron	56-2	32114	31824	31273	31737	1.35	cps
Iron	57-2	1737	1807	1790	1778	2.06	cps
Iron	54-2	3314	3317	3104	3245	3.77	cps
Krypton	83-1	200	200	220	207	5.59	cps

LB Number : LB134159 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4547	4084	3981	4204	7.18	cps
Lead	207-1	3787	3420	3334	3514	6.85	cps
Lead	208-1	17354	16281	15330	16322	6.20	cps
Lithium	6-1	1551784	1587022	1550027	1562944	1.34	cps
Magnesium	24-2	1647	1643	1570	1620	2.67	cps
Manganese	55-2	1213	1227	1010	1150	10.56	cps
Molybdenum	94-1	1027	890	867	928	9.32	cps
Molybdenum	95-1	1160	1053	993	1069	7.90	cps
Molybdenum	96-1	1217	1213	1233	1221	0.88	cps
Molybdenum	97-1	670	673	700	681	2.41	cps
Molybdenum	98-1	1620	1570	1537	1576	2.66	cps
Neodymium	150-1	3	3	20	9	108.30	cps
Neodymium	150-2	17	13	0	10	88.20	cps
Nickel	60-2	840	963	913	906	6.85	cps
Phosphorus	31-2	293	253	300	282	8.94	cps
Potassium	39-2	51229	51403	51755	51462	0.52	cps
Rhodium	103-1	11445533	11250609	11309086	11335076	0.88	cps
Rhodium	103-2	7010947	7066459	7023930	7033779	0.41	cps
Scandium	45-1	6006695	6007423	6078068	6030729	0.68	cps
Scandium	45-2	551831	551735	556522	553363	0.49	cps
Selenium	82-1	415	421	390	409	4.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	437	387	390	404	6.91	cps
Silicon	28-1	821276	1167422	1196375	1061691	19.66	cps
Silver	107-1	550	433	383	456	18.78	cps
Silver	109-1	353	327	283	321	11.00	cps
Sodium	23-2	30894	30928	31238	31020	0.61	cps
Strontium	86-1	383	360	273	339	17.10	cps
Strontium	88-1	543	537	500	527	4.43	cps
Sulfur	34-1	155478	156633	157697	156603	0.71	cps
Terbium	159-1	17009521	16917326	17072987	16999944	0.46	cps
Terbium	159-2	11604824	11494659	11492876	11530787	0.56	cps
Thallium	203-1	957	927	943	942	1.60	cps
Thallium	205-1	2294	2524	2147	2321	8.18	cps
Tin	118-1	1167	3833	1113	2038	76.31	cps
Titanium	47-1	200	170	190	187	8.18	cps

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Client Sample ID : CCB002 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	423	447	387	419	7.22	cps
Vanadium	51-2	40	47	57	48	17.56	cps
Yttrium	89-1	18415342	18285187	18186756	18295762	0.63	cps
Yttrium	89-2	5295966	5259938	5233871	5263258	0.59	cps
Zinc	66-2	357	347	387	363	5.73	cps
Zirconium	90-1	1817	1770	1757	1781	1.77	cps
Zirconium	91-1	203	180	217	200	9.28	cps