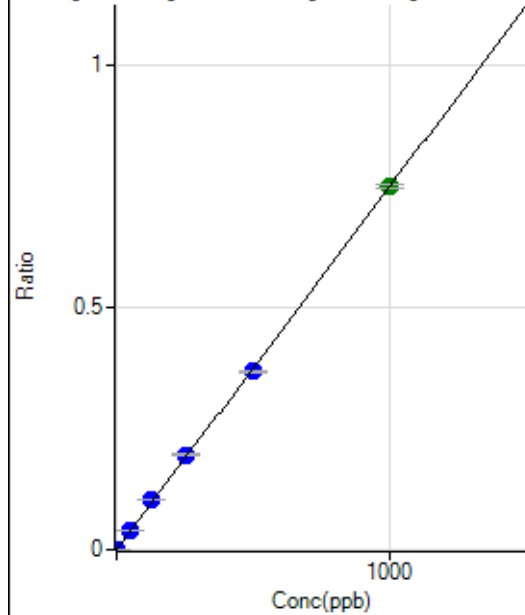


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7010825MS.b\
Analysis File: P7010825MS.batch.bin
DA Date-Time: 2025-01-08 12:22:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-08 10:38:50
2	006CALS.d	S02	2025-01-08 10:45:22
3	007CALS.d	S03	2025-01-08 10:48:36
4	008CALS.d	S04	2025-01-08 10:51:39
5	009CALS.d	S05	2025-01-08 10:54:30
6	010CALS.d	S06	2025-01-08 10:57:18
7	011CALS.d	S07	2025-01-08 11:00:01
8	012CALS.d	S08	2025-01-08 11:02:47

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	67.78	0.0000	P	2.9
2	☐	1.000	1.211	1406.74	0.0010	P	3.8
3	☐	50.000	54.783	62106.69	0.0411	P	2.8
4	☐	125.000	136.683	158106.61	0.1024	P	1.9
5	☐	250.000	262.141	307408.88	0.1963	P	0.7
6	☐	500.000	490.903	560572.27	0.3675	P	0.4
7	☐	1000.000	999.814	1125316.41	0.7485	A	1.2
8	☐			327.78	0.0002	P	12.0

$y = 7.4857E-004 * x + 4.5582E-005$

$R = 0.9998$

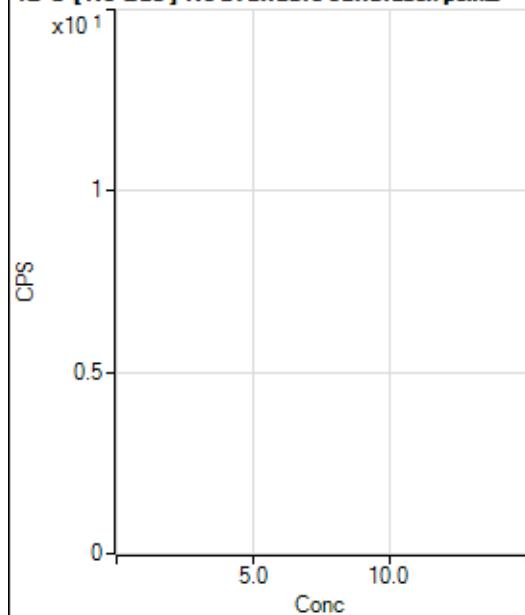
$DL = 0.005248$

$BEC = 0.06089$

Weight: <None>

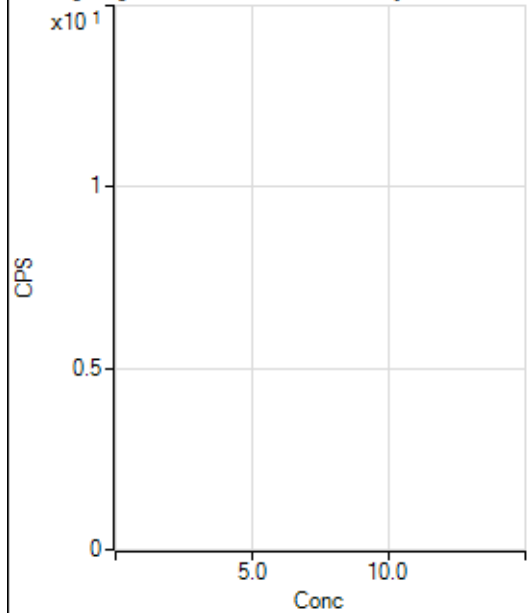
Min Conc: 0

12 C [No Gas] No available calibration points



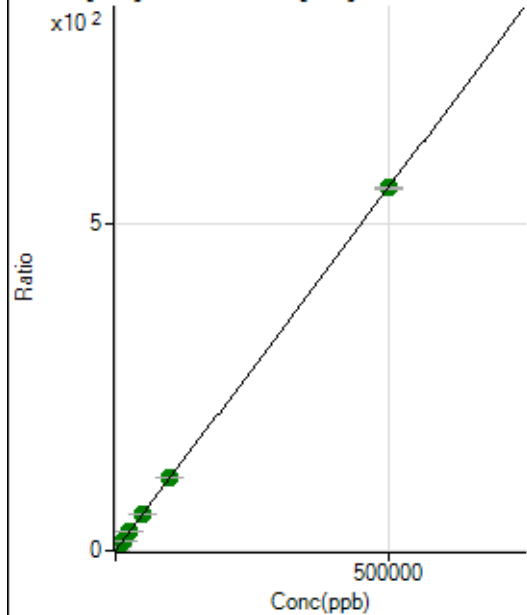
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points



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

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18353.23	0.0344	P	2.0
2	☐	500.000	506.513	319040.80	0.5957	P	0.7
3	☐	5000.000	5014.366	2968271.35	5.5912	A	0.9
4	☐	12500.000	12990.084	7435914.19	14.4297	A	0.4
5	☐	25000.000	26722.351	13243804.25	29.6474	A	1.2
6	☐	50000.000	50862.080	25018066.29	56.3984	A	0.1
7	☐	100000.00	101335.11	50731922.02	112.3312	A	0.4
8	☐	500000.00	499548.24	271929055.9	553.6200	A	0.2

$$y = 0.0011 * x + 0.0344$$

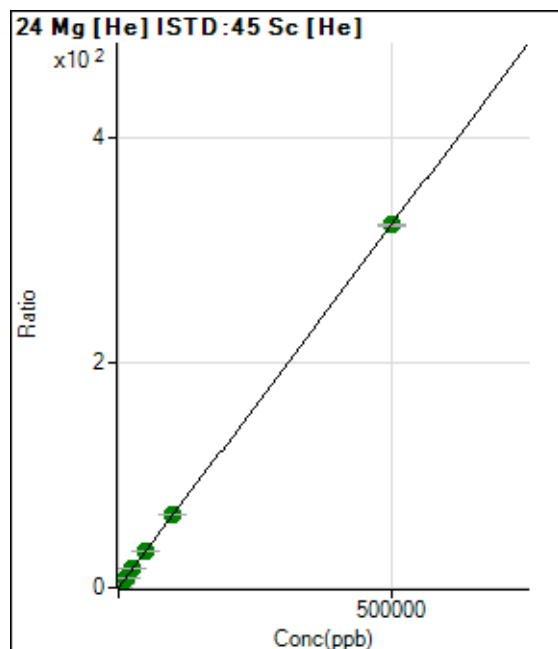
$$R = 1.0000$$

$$DL = 1.845$$

$$BEC = 31.04$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	592.24	0.0011	P	7.4
2	☐	500.000	546.242	189650.44	0.3541	P	0.2
3	☐	5000.000	5026.980	1725187.01	3.2497	A	0.5
4	☐	12500.000	12693.809	4227845.53	8.2041	A	1.0
5	☐	25000.000	26380.071	7615827.73	17.0485	A	1.3
6	☐	50000.000	50031.176	14342477.29	32.3324	A	0.2
7	☐	100000.00	99902.899	29157370.40	64.5607	A	0.5
8	☐	500000.00	499942.13	158689854.3	323.0752	A	0.5

$$y = 6.4622\text{E-}004 * x + 0.0011$$

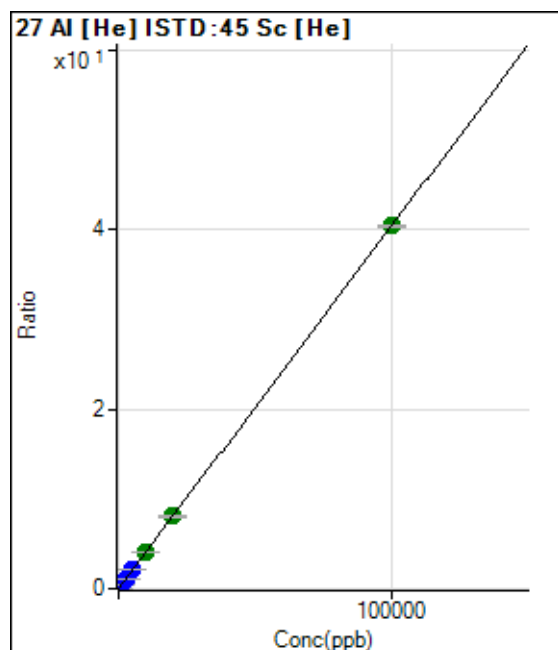
R = 1.0000

DL = 0.379

BEC = 1.718

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	121.11	0.0002	P	20.4
2	☐	20.000	19.783	4401.78	0.0082	P	0.8
3	☐	1000.000	968.894	207907.36	0.3916	P	0.8
4	☐	2500.000	2487.830	518009.03	1.0052	P	0.3
5	☐	5000.000	5096.870	919868.15	2.0592	P	1.6
6	☐	10000.000	9947.466	1782649.54	4.0187	A	0.7
7	☐	20000.000	19889.611	3628765.71	8.0350	A	1.3
8	☐	100000.00	100023.10	19847395.12	40.4062	A	0.6

$$y = 4.0397\text{E-}004 * x + 2.2705\text{E-}004$$

R = 1.0000

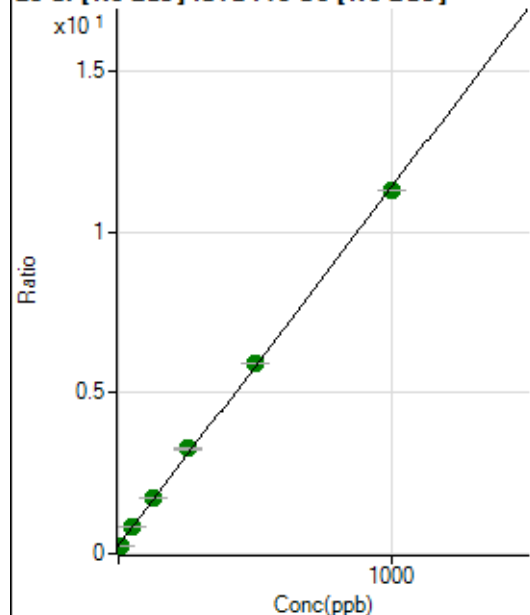
DL = 0.3444

BEC = 0.562

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1465665.93	0.2531	A	2.5
2	☐	10.000	-0.527	1446930.15	0.2472	A	2.0
3	☐	50.000	52.676	4974609.06	0.8398	A	0.2
4	☐	125.000	134.805	10150020.33	1.7546	A	0.6
5	☐	250.000	270.030	17570740.15	3.2607	A	0.8
6	☐	500.000	508.129	29227908.17	5.9127	A	0.5
7	☐	1000.000	989.674	55408769.17	11.2762	A	0.1
8	☐			769638.89	0.1474	P	0.4

$$y = 0.0111 * x + 0.2531$$

R = 0.9996

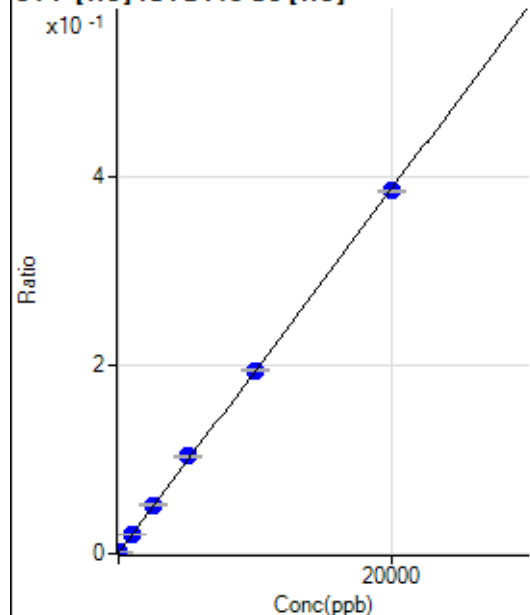
DL = 1.715

BEC = 22.72

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.001	222.23	0.0004	P	8.4
2	☐	0.000	17.001	574.46	0.0011	P	5.9
3	☐	1000.000	1059.447	11246.42	0.0212	P	2.0
4	☐	2500.000	2649.827	26726.72	0.0519	P	1.7
5	☐	5000.000	5296.462	45977.74	0.1029	P	2.9
6	☐	10000.000	10024.859	86120.40	0.1941	P	0.6
7	☐	20000.000	19891.754	173649.43	0.3845	P	0.4
8	☐			375.57	0.0008	P	1.2

$$y = 1.9292E-005 * x + 7.4449E-004$$

R = 0.9999

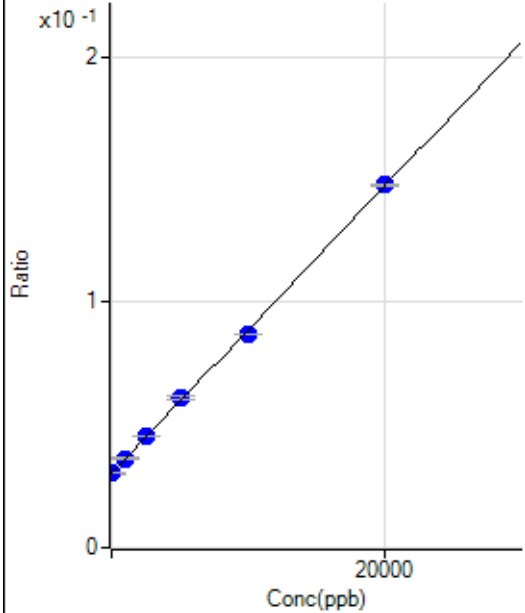
DL = 7.655

BEC = 38.59

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-5.528	175231.96	0.0303	P	1.9
2	☐	0.000	5.528	177470.65	0.0303	P	0.4
3	☐	1000.000	1042.814	215626.01	0.0364	P	0.8
4	☐	2500.000	2636.467	264608.96	0.0457	P	0.2
5	☐	5000.000	5257.892	329253.50	0.0611	P	1.5
6	☐	10000.000	9689.003	430391.89	0.0871	P	0.2
7	☐	20000.000	20071.826	726772.45	0.1479	P	0.8
8	☐			131306.44	0.0251	P	3.7

$y = 5.8596E-006 * x + 0.0303$

R = 0.9997

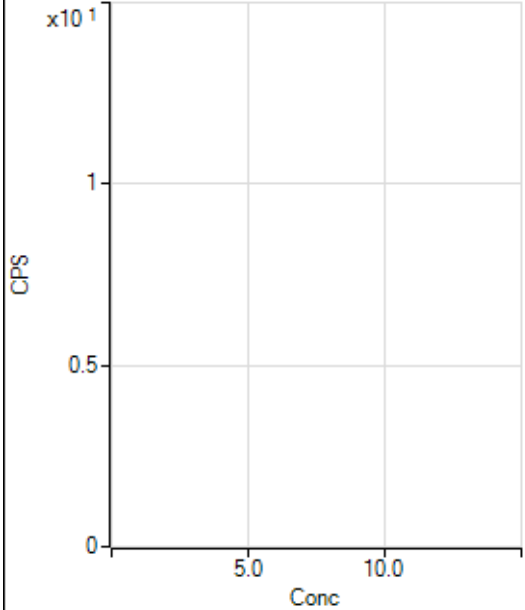
DL = 180.6

BEC = 5170

Weight: <None>

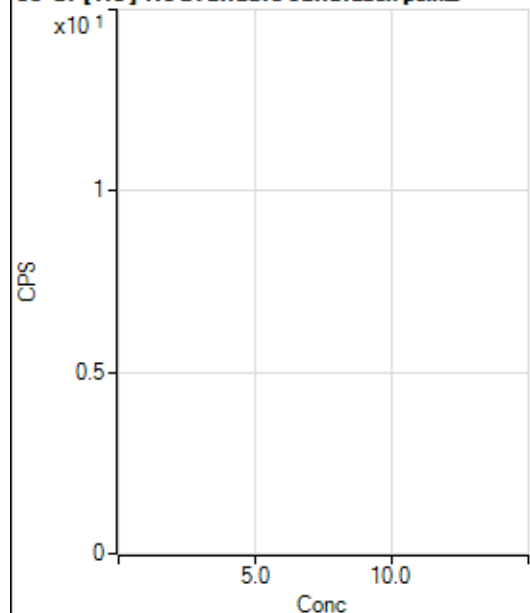
Min Conc: 0

35 Cl [No Gas] No available calibration points



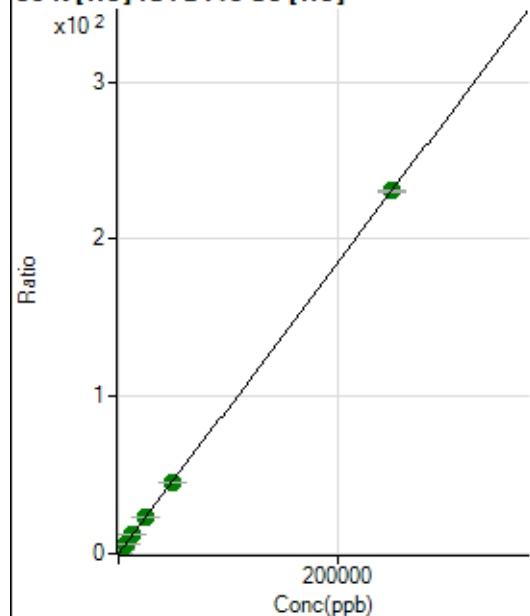
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points



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

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52914.93	0.0992	P	0.6
2	☐	500.000	545.999	322664.37	0.6025	P	0.3
3	☐	2500.000	2509.930	1280896.78	2.4127	A	1.5
4	☐	6250.000	6458.157	3118783.22	6.0521	A	0.4
5	☐	12500.000	12751.002	5294787.53	11.8526	A	1.2
6	☐	25000.000	24559.151	10085907.56	22.7369	A	0.9
7	☐	50000.000	49016.686	20450316.64	45.2810	A	0.6
8	☐	250000.00	250222.80	113340856.0	230.7454	A	0.5

$$y = 9.2176E-004 * x + 0.0992$$

$$R = 1.0000$$

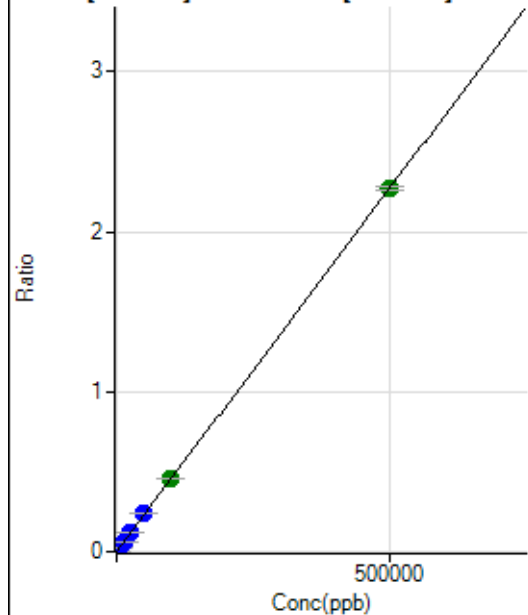
$$DL = 2.047$$

$$BEC = 107.6$$

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	666.69	0.0001	P	3.0
2	☐	500.000	540.514	15033.11	0.0026	P	0.3
3	☐	5000.000	5181.476	140008.22	0.0236	P	0.7
4	☐	12500.000	13379.638	352017.62	0.0609	P	0.8
5	☐	25000.000	26852.286	657383.39	0.1220	P	1.0
6	☐	50000.000	51805.712	1163086.83	0.2353	P	0.4
7	☐	100000.00	100810.33	2249280.10	0.4577	A	0.5
8	☐	500000.00	499540.90	11840270.52	2.2678	A	1.1

$$y = 4.5395E-006 * x + 1.1507E-004$$

$$R = 1.0000$$

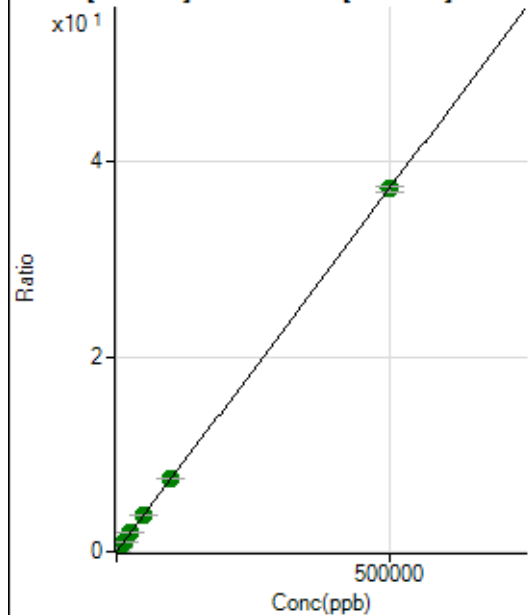
$$DL = 2.307$$

$$BEC = 25.35$$

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	17755.29	0.0031	P	1.9
2	☐	500.000	545.655	255667.22	0.0437	P	0.5
3	☐	5000.000	5033.271	2237613.65	0.3778	A	0.5
4	☐	12500.000	12817.958	5537771.03	0.9573	A	1.0
5	☐	25000.000	25984.134	10439022.69	1.9374	A	1.1
6	☐	50000.000	50164.140	18475400.00	3.7375	A	0.4
7	☐	100000.00	101293.92	37068447.23	7.5437	A	0.6
8	☐	500000.00	499667.26	194230879.3	37.2001	A	1.3

$$y = 7.4444E-005 * x + 0.0031$$

$$R = 1.0000$$

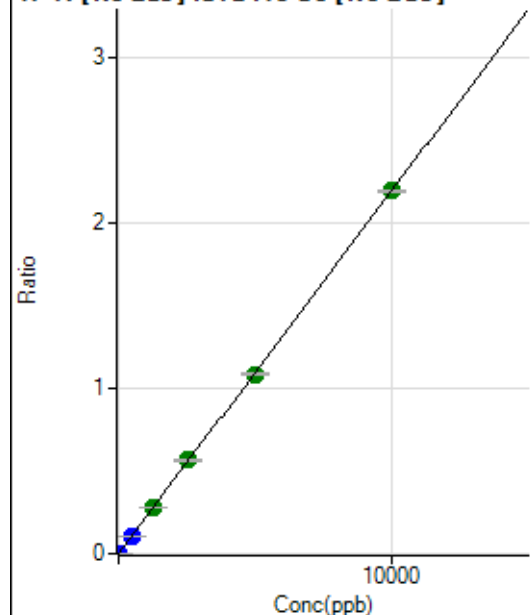
$$DL = 2.407$$

$$BEC = 41.19$$

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	97.78	0.0000	P	5.1
2	☐	5.000	5.343	6949.43	0.0012	P	1.7
3	☐	500.000	493.202	640086.98	0.1081	P	0.6
4	☐	1250.000	1289.349	1634092.75	0.2825	A	0.6
5	☐	2500.000	2584.805	3051173.22	0.5663	A	1.6
6	☐	5000.000	4942.426	5352235.82	1.0827	A	0.7
7	☐	10000.000	10003.007	10767864.14	2.1914	A	0.7
8	☐			1898.06	0.0004	P	11.2

$$y = 2.1907E-004 * x + 1.6883E-005$$

$$R = 0.9999$$

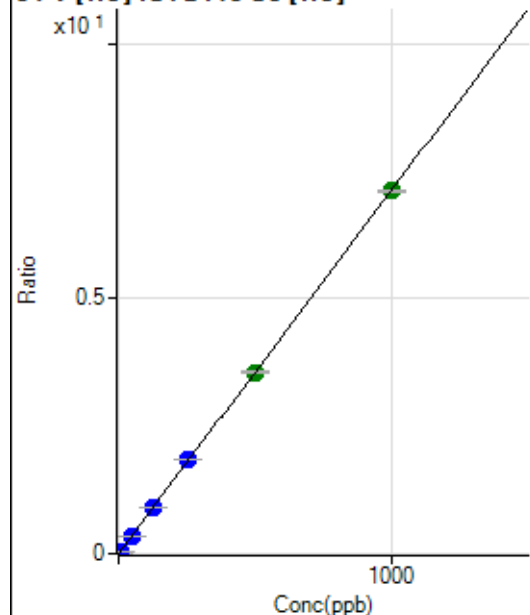
$$DL = 0.01184$$

$$BEC = 0.07707$$

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	20.00	0.0000	P	0.2
2	☐	5.000	5.410	20676.50	0.0386	P	0.9
3	☐	50.000	49.770	188382.72	0.3548	P	0.8
4	☐	125.000	128.402	471737.48	0.9154	P	0.5
5	☐	250.000	258.043	821790.53	1.8396	P	0.3
6	☐	500.000	498.005	1574905.59	3.5504	A	0.9
7	☐	1000.000	998.571	3215112.83	7.1189	A	0.6
8	☐			812.25	0.0017	P	7.7

$$y = 0.0071 * x + 3.7487E-005$$

$$R = 1.0000$$

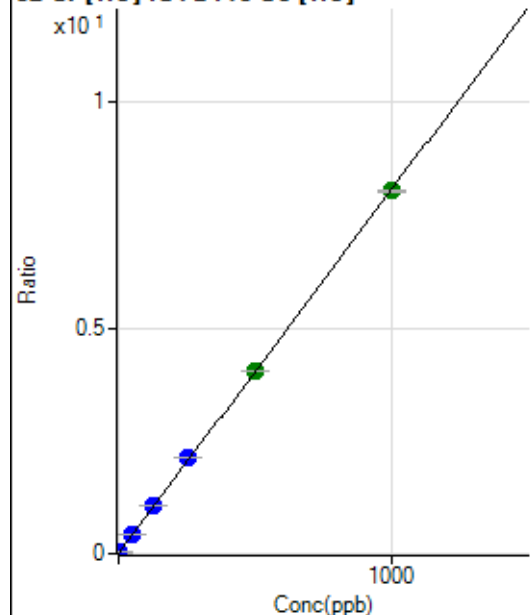
$$DL = 2.651E-05$$

$$BEC = 0.005258$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2708.04	0.0051	P	8.6
2	☐	2.000	2.167	12072.68	0.0225	P	1.4
3	☐	50.000	50.319	217978.70	0.4106	P	0.5
4	☐	125.000	129.351	539804.46	1.0475	P	0.4
5	☐	250.000	261.859	944969.26	2.1154	P	0.4
6	☐	500.000	500.259	1790647.79	4.0367	A	0.6
7	☐	1000.000	996.346	3628669.32	8.0346	A	0.8
8	☐			8551.99	0.0174	P	6.7

$$y = 0.0081 * x + 0.0051$$

$$R = 0.9999$$

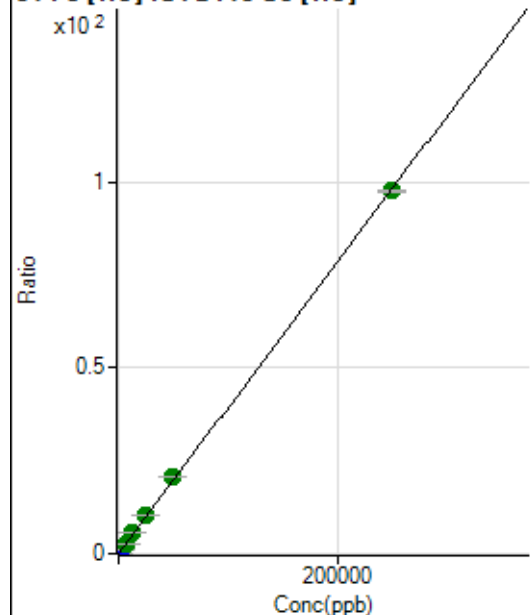
$$DL = 0.162$$

$$BEC = 0.6298$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2666.93	0.0050	P	3.3
2	☐	50.000	62.076	15701.65	0.0293	P	1.4
3	☐	2500.000	2765.773	577839.56	1.0884	P	0.5
4	☐	6250.000	6915.057	1398424.75	2.7138	A	1.5
5	☐	12500.000	14026.396	2456706.77	5.4996	A	0.6
6	☐	25000.000	26755.395	4651481.11	10.4859	A	0.8
7	☐	50000.000	52904.613	9362044.51	20.7294	A	0.4
8	☐	250000.00	249147.93	47940583.73	97.6042	A	0.8

$$y = 3.9173E-004 * x + 0.0050$$

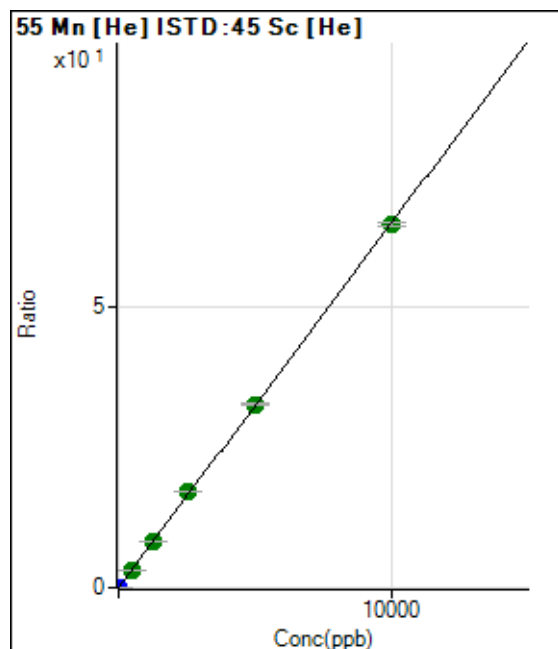
$$R = 0.9999$$

$$DL = 1.274$$

$$BEC = 12.76$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	575.57	0.0011	P	7.2
2	☐	1.000	1.040	4202.84	0.0078	P	1.5
3	☐	500.000	496.484	1715792.39	3.2318	A	1.6
4	☐	1250.000	1281.338	4297199.28	8.3390	A	0.5
5	☐	2500.000	2629.002	7642614.68	17.1085	A	0.7
6	☐	5000.000	5030.404	14521073.12	32.7350	A	0.3
7	☐	10000.000	9948.806	29238684.56	64.7400	A	1.1
8	☐			16115.43	0.0328	P	1.1

$$y = 0.0065 * x + 0.0011$$

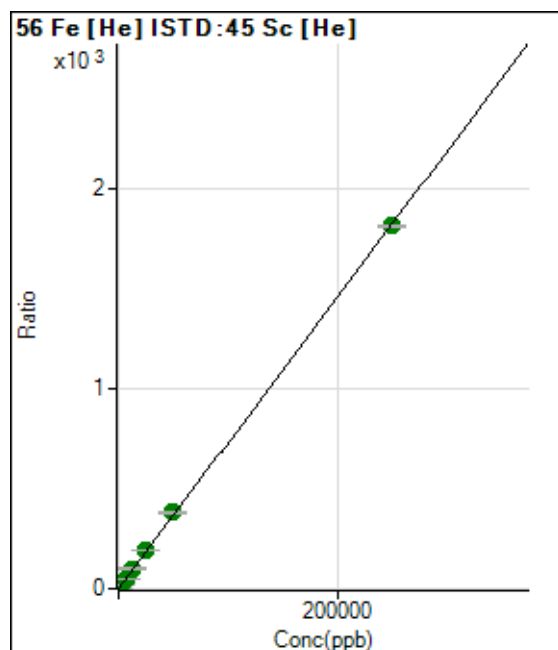
$$R = 0.9999$$

$$DL = 0.03584$$

$$BEC = 0.1658$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24283.01	0.0455	P	0.7
2	☐	50.000	58.983	253781.19	0.4739	P	0.8
3	☐	2500.000	2605.293	10068319.64	18.9653	A	0.5
4	☐	6250.000	6741.491	25251882.68	49.0025	A	0.5
5	☐	12500.000	13852.421	44957787.66	100.6425	A	0.6
6	☐	25000.000	26415.933	85116606.51	191.8793	A	0.6
7	☐	50000.000	52331.335	171655376.3	380.0782	A	0.6
8	☐	250000.00	249311.17	889312386.7	1,810.555	A	0.2

$$y = 0.0073 * x + 0.0455$$

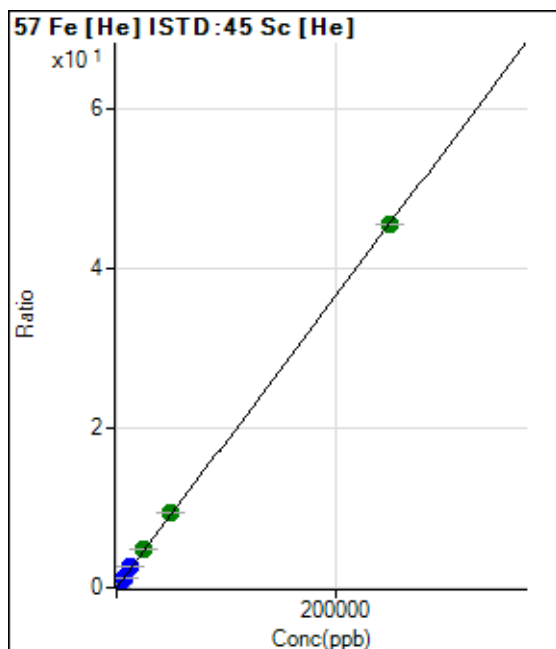
$$R = 0.9999$$

$$DL = 0.1378$$

$$BEC = 6.267$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1573.43	0.0029	P	5.1
2	☐	50.000	61.900	7630.89	0.0142	P	3.2
3	☐	2500.000	2693.556	262605.48	0.4947	P	0.6
4	☐	6250.000	6918.251	652331.04	1.2659	P	0.2
5	☐	12500.000	14343.478	1171007.42	2.6214	P	0.3
6	☐	25000.000	26061.400	2111732.00	4.7605	A	1.0
7	☐	50000.000	51995.008	4288101.88	9.4947	A	0.6
8	☐	250000.00	249384.04	22362803.83	45.5284	A	0.2

$$y = 1.8255E-004 * x + 0.0029$$

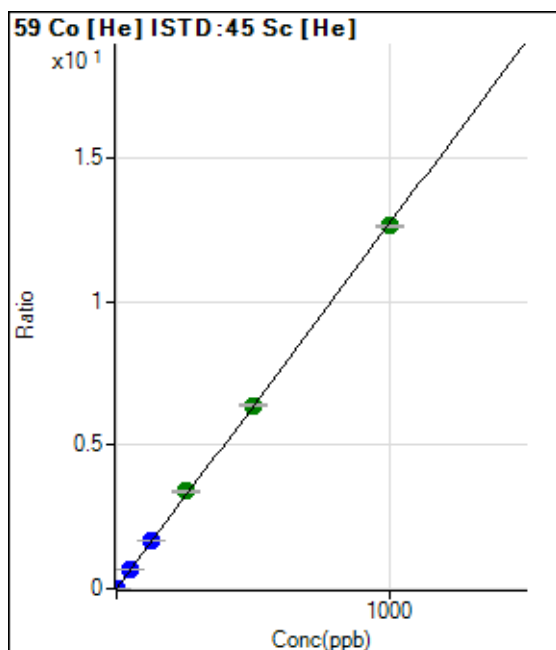
R = 0.9999

DL = 2.475

BEC = 16.16

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	172.22	0.0003	P	9.1
2	☐	1.000	1.102	7680.92	0.0143	P	2.5
3	☐	50.000	50.969	344219.65	0.6484	P	0.7
4	☐	125.000	130.333	854149.63	1.6575	P	0.2
5	☐	250.000	267.049	1516938.99	3.3959	A	1.1
6	☐	500.000	502.733	2835714.33	6.3926	A	0.2
7	☐	1000.000	993.656	5706183.80	12.6347	A	0.6
8	☐			17316.72	0.0353	P	0.6

$$y = 0.0127 * x + 3.2279E-004$$

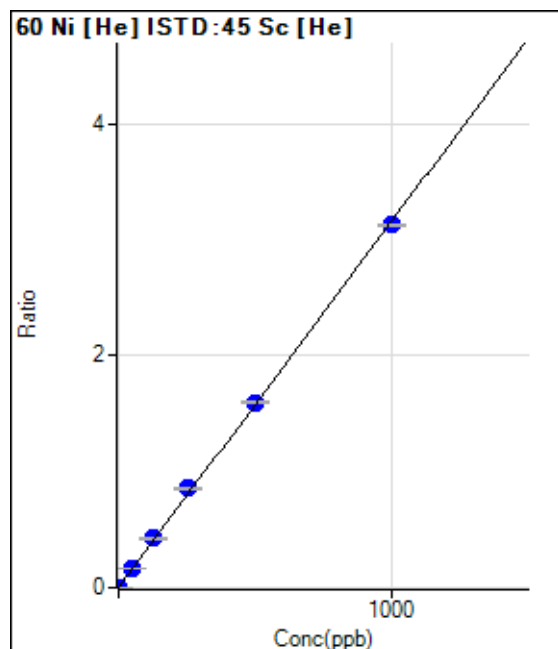
R = 0.9998

DL = 0.006922

BEC = 0.02539

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1182.28	0.0022	P	10.3
2	☐	1.000	1.009	2893.64	0.0054	P	4.6
3	☐	50.000	52.321	88900.26	0.1675	P	0.6
4	☐	125.000	133.351	218171.05	0.4234	P	0.4
5	☐	250.000	270.809	383053.86	0.8575	P	0.8
6	☐	500.000	506.004	709876.48	1.6003	P	0.2
7	☐	1000.000	990.636	1413979.58	3.1309	P	0.4
8	☐			8121.14	0.0165	P	1.0

$$y = 0.0032 * x + 0.0022$$

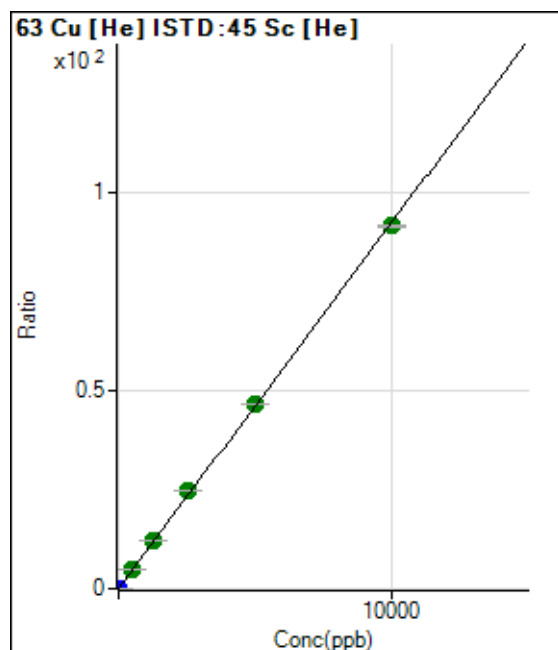
$$R = 0.9997$$

$$DL = 0.2176$$

$$BEC = 0.7016$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3334.85	0.0063	P	0.3
2	☐	2.000	2.044	13447.24	0.0251	P	2.4
3	☐	500.000	517.355	2537323.50	4.7793	A	1.2
4	☐	1250.000	1327.282	6313528.24	12.2515	A	0.9
5	☐	2500.000	2696.832	11117255.11	24.8868	A	0.2
6	☐	5000.000	5046.460	20655541.92	46.5640	A	0.2
7	☐	10000.000	9917.034	41323686.88	91.4991	A	0.5
8	☐			12345.17	0.0251	P	1.7

$$y = 0.0092 * x + 0.0063$$

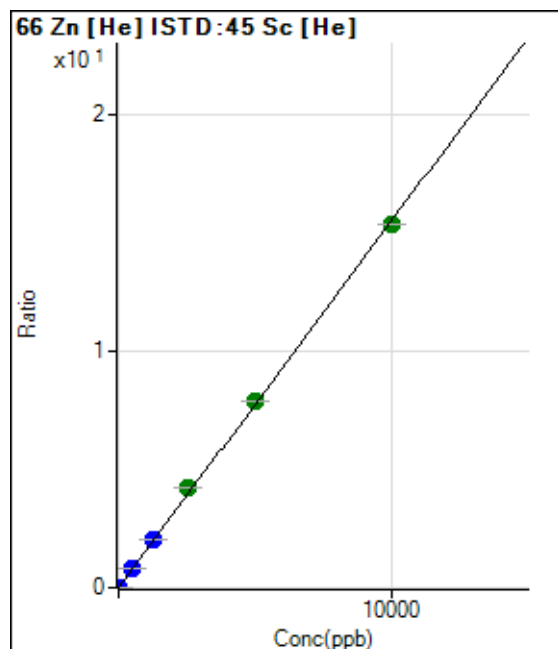
$$R = 0.9998$$

$$DL = 0.006354$$

$$BEC = 0.6775$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	811.14	0.0015	P	5.6
2	☐	5.000	5.013	4975.32	0.0093	P	3.1
3	☐	500.000	513.407	423223.78	0.7972	P	0.7
4	☐	1250.000	1318.028	1053426.95	2.0442	P	0.2
5	☐	2500.000	2732.817	1892688.29	4.2369	A	0.2
6	☐	5000.000	5079.983	3493146.03	7.8746	A	0.6
7	☐	10000.000	9892.631	6925074.41	15.3334	A	0.2
8	☐			11055.30	0.0225	P	0.4

$$y = 0.0015 * x + 0.0015$$

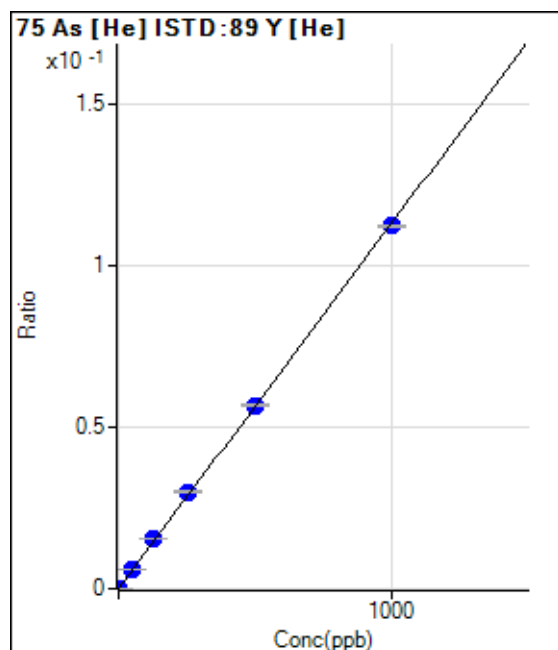
$$R = 0.9996$$

$$DL = 0.1645$$

$$BEC = 0.981$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	66.7
2	☐	1.000	1.178	682.24	0.0001	P	3.1
3	☐	50.000	52.558	29917.92	0.0059	P	1.1
4	☐	125.000	135.323	75062.81	0.0153	P	1.0
5	☐	250.000	265.105	133198.85	0.0299	P	0.9
6	☐	500.000	502.788	250325.07	0.0568	P	1.6
7	☐	1000.000	993.411	504599.63	0.1122	P	0.8
8	☐			334.45	0.0001	P	8.8

$$y = 1.1289E-004 * x + 1.9855E-006$$

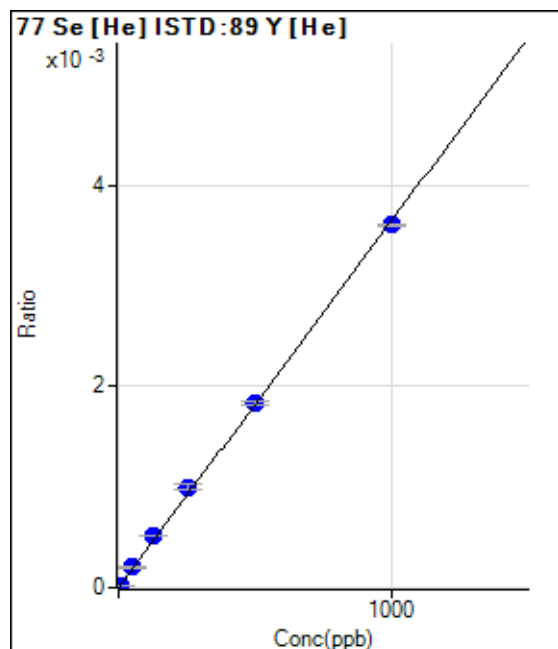
$$R = 0.9998$$

$$DL = 0.03521$$

$$BEC = 0.01759$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.668	104.44	0.0000	P	1.7
3	☐	50.000	56.171	1032.27	0.0002	P	6.5
4	☐	125.000	141.995	2543.58	0.0005	P	1.6
5	☐	250.000	274.277	4449.60	0.0010	P	5.3
6	☐	500.000	505.157	8122.31	0.0018	P	1.9
7	☐	1000.000	988.916	16223.43	0.0036	P	0.4
8	☐			4.44	0.0000	P	114.

$$y = 3.6462\text{E-}006 * x + 0.0000\text{E+}000$$

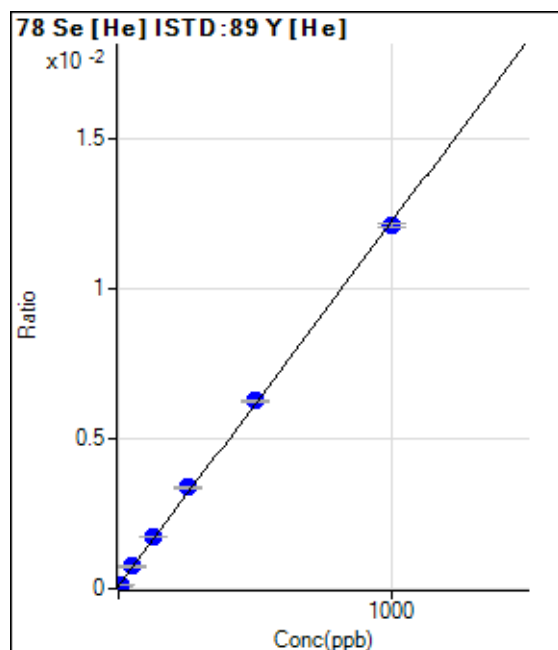
$$R = 0.9996$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	467.79	0.0001	P	16.5
2	☐	5.000	5.074	780.03	0.0002	P	5.7
3	☐	50.000	53.965	3771.63	0.0007	P	4.1
4	☐	125.000	137.126	8639.24	0.0018	P	0.4
5	☐	250.000	270.762	15049.97	0.0034	P	2.5
6	☐	500.000	507.811	27611.34	0.0063	P	1.6
7	☐	1000.000	989.190	54477.46	0.0121	P	1.0
8	☐			374.45	0.0001	P	8.1

$$y = 1.2147\text{E-}005 * x + 9.2766\text{E-}005$$

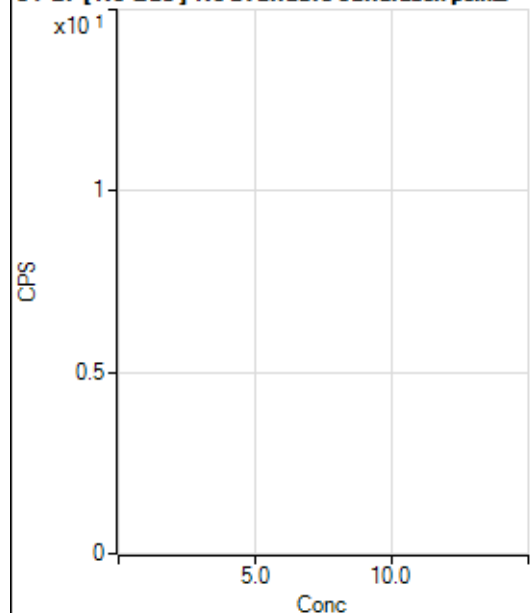
$$R = 0.9997$$

$$DL = 3.782$$

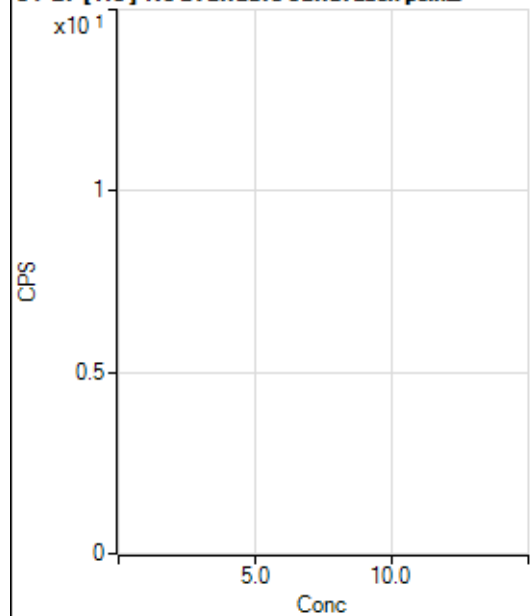
$$BEC = 7.637$$

Weight: <None>

Min Conc: 0

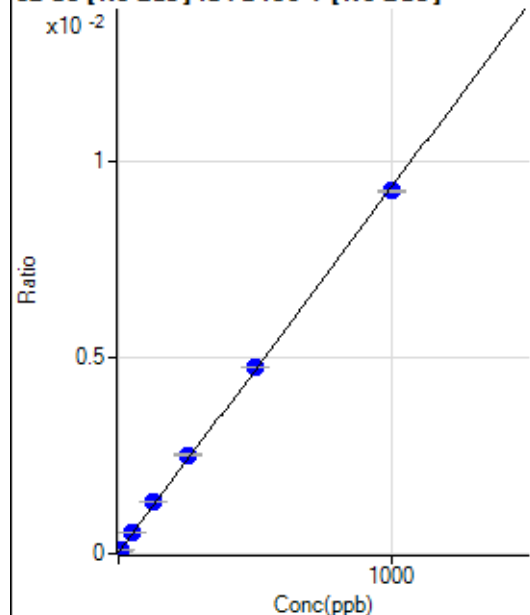
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15558.33		P	2.1
2	☐			15716.25		P	2.0
3	☐			15949.81		P	1.7
4	☐			15303.61		P	0.9
5	☐			13494.05		P	2.9
6	☐			11845.96		P	2.6
7	☐			11936.03		P	4.4
8	☐			13441.80		P	0.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.67		P	23.4
2	☐			122.22		P	10.3
3	☐			116.67		P	7.6
4	☐			93.33		P	0.0
5	☐			72.22		P	10.7
6	☐			92.22		P	15.0
7	☐			72.22		P	20.8
8	☐			96.67		P	19.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	560.35	0.0000	P	8.5
2	☐	5.000	5.621	1455.82	0.0001	P	4.5
3	☐	50.000	53.375	9028.61	0.0005	P	1.6
4	☐	125.000	137.003	22181.94	0.0013	P	0.6
5	☐	250.000	267.665	41060.07	0.0025	P	0.5
6	☐	500.000	507.290	72629.10	0.0047	P	0.7
7	☐	1000.000	990.266	142220.54	0.0092	P	0.5
8	☐			645.46	0.0000	P	5.7

$y = 9.2957E-006 * x + 3.3275E-005$

$R = 0.9998$

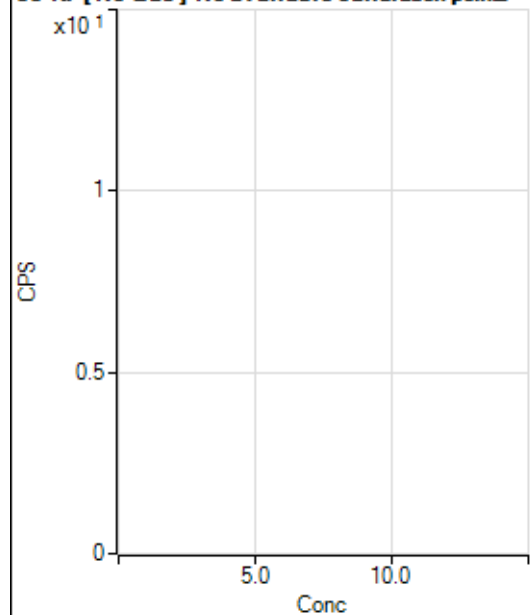
$DL = 0.9101$

$BEC = 3.58$

Weight: <None>

Min Conc: 0

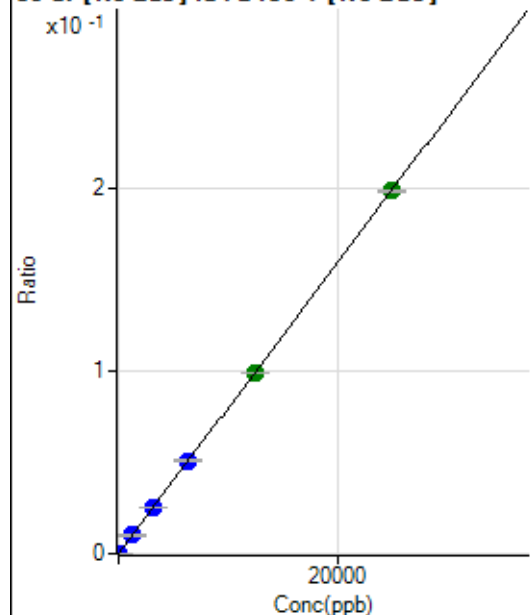
83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			224.45		P	14.0
2	☐			186.67		P	3.6
3	☐			194.45		P	12.4
4	☐			182.22		P	7.4
5	☐			200.00		P	6.7
6	☐			143.33		P	8.1
7	☐			162.22		P	29.8
8	☐			231.12		P	13.1

Calibration for 006CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375.56	0.0000	P	3.6
2	☐	1.000	26.046	3909.45	0.0002	P	2.0
3	☐	1250.000	1255.466	170794.58	0.0100	P	0.9
4	☐	3125.000	3182.022	430288.12	0.0254	P	0.6
5	☐	6250.000	6415.442	831850.73	0.0511	P	0.5
6	☐	12500.000	12432.564	1513812.72	0.0990	A	0.7
7	☐	25000.000	24984.956	3061733.74	0.1989	A	0.9
8	☐			9764.40	0.0006	P	1.5

$$y = 7.9596E-006 * x + 2.2307E-005$$

R = 1.0000

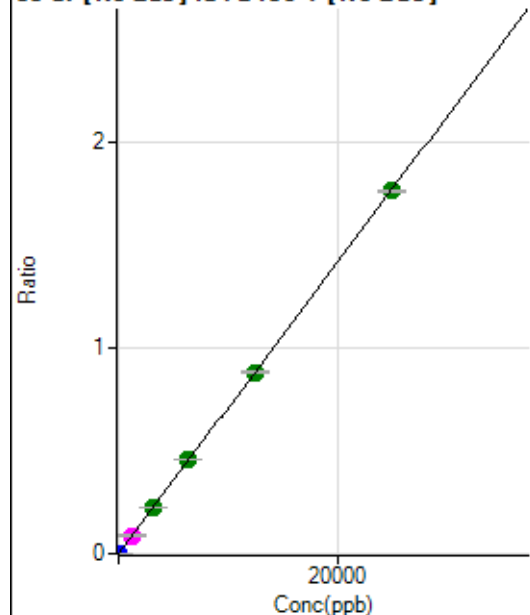
DL = 0.3024

BEC = 2.802

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	316.67	0.0000	P	6.9
2	☐	1.000	26.582	32304.37	0.0019	P	0.5
3	☐	1250.000	1253.613	1511095.33	0.0886	M	1.0
4	☐	3125.000	3211.734	3852742.13	0.2270	A	0.9
5	☐	6250.000	6466.272	7440992.81	0.4570	A	0.2
6	☐	12500.000	12486.942	13495520.49	0.8824	A	0.4
7	☐	25000.000	24941.438	27132505.71	1.7625	A	0.6
8	☐			82950.99	0.0053	P	0.5

$$y = 7.0665E-005 * x + 1.8817E-005$$

R = 1.0000

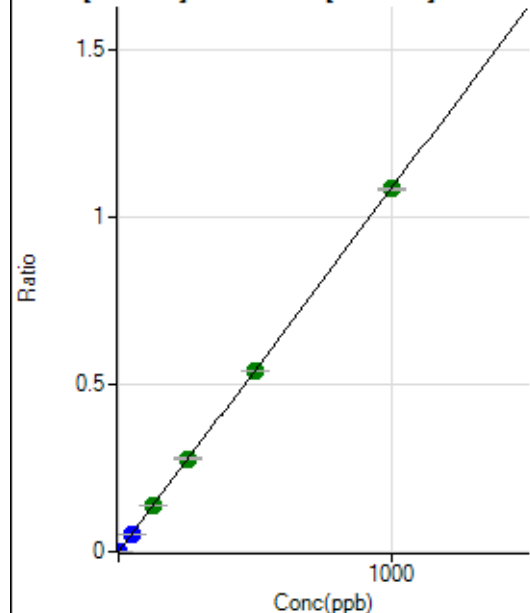
DL = 0.05543

BEC = 0.2663

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	812.25	0.0000	P	2.7
2	☐	1.000	1.041	20083.84	0.0012	P	1.6
3	☐	50.000	49.476	918024.71	0.0538	P	0.6
4	☐	125.000	129.090	2382750.71	0.1404	A	0.3
5	☐	250.000	256.218	4536527.22	0.2786	A	0.5
6	☐	500.000	499.353	8302567.72	0.5429	A	0.2
7	☐	1000.000	998.284	16707539.89	1.0852	A	0.4
8	☐			11024.22	0.0007	P	4.1

$$y = 0.0011 * x + 4.8247E-005$$

$$R = 1.0000$$

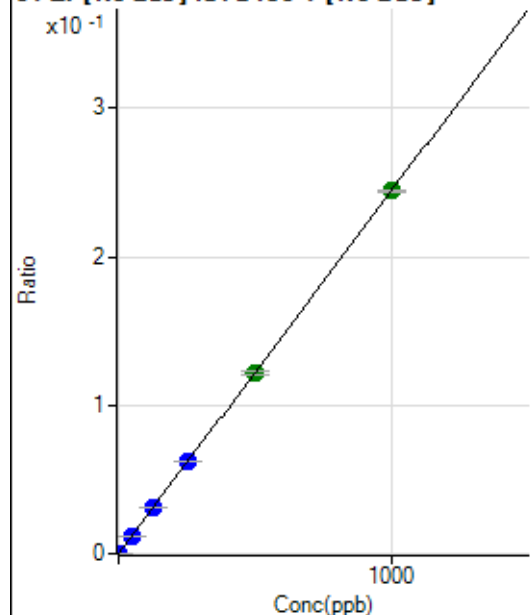
$$DL = 0.003593$$

$$BEC = 0.04438$$

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	145.56	0.0000	P	12.5
2	☐	1.000	1.029	4428.49	0.0003	P	1.4
3	☐	50.000	49.872	207923.97	0.0122	P	1.3
4	☐	125.000	127.168	527496.01	0.0311	P	0.6
5	☐	250.000	255.231	1015457.23	0.0624	P	0.6
6	☐	500.000	497.416	1858681.59	0.1215	A	1.7
7	☐	1000.000	999.720	3760040.71	0.2442	A	0.9
8	☐			2465.79	0.0002	P	3.3

$$y = 2.4431E-004 * x + 8.6446E-006$$

$$R = 1.0000$$

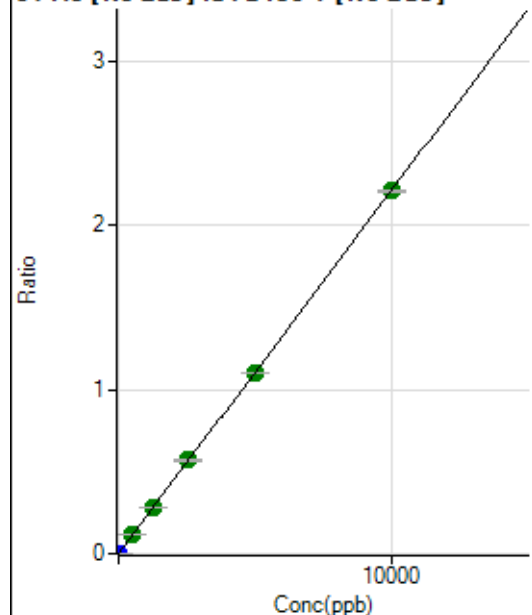
$$DL = 0.01329$$

$$BEC = 0.03538$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	454.46	0.0000	P	11.7
2	☐	5.000	6.183	23768.25	0.0014	P	0.6
3	☐	500.000	506.411	1912394.00	0.1121	A	0.9
4	☐	1250.000	1282.531	4820096.25	0.2840	A	0.7
5	☐	2500.000	2571.735	9272282.15	0.5694	A	1.0
6	☐	5000.000	4981.149	16866196.00	1.1028	A	0.2
7	☐	10000.000	9987.104	34037721.44	2.2111	A	0.7
8	☐			9345.30	0.0006	P	8.6

$$y = 2.2139\text{E-}004 * x + 2.7004\text{E-}005$$

R = 1.0000

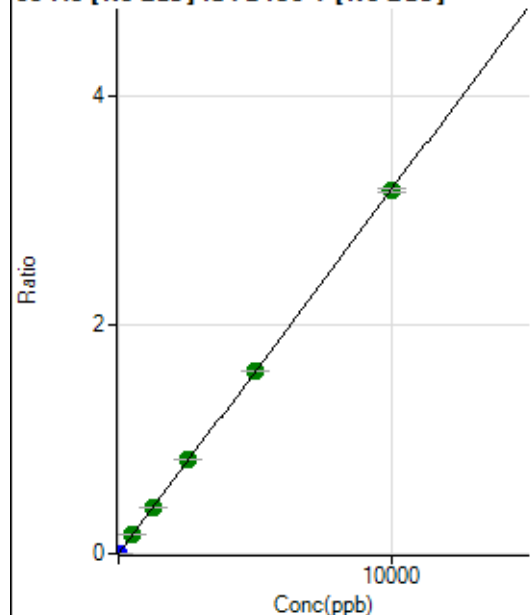
DL = 0.04279

BEC = 0.122

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	408.90	0.0000	P	11.6
2	☐	5.000	5.235	28837.37	0.0017	P	2.3
3	☐	500.000	505.663	2750105.34	0.1613	A	1.2
4	☐	1250.000	1291.747	6992033.92	0.4119	A	0.3
5	☐	2500.000	2586.509	13430441.05	0.8248	A	0.3
6	☐	5000.000	5020.963	24486462.97	1.6011	A	0.3
7	☐	10000.000	9962.389	48902198.16	3.1768	A	0.9
8	☐			8936.15	0.0006	P	7.0

$$y = 3.1887\text{E-}004 * x + 2.4289\text{E-}005$$

R = 1.0000

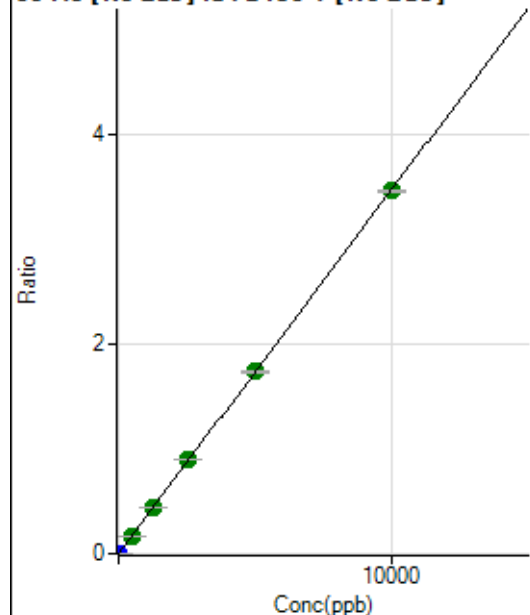
DL = 0.02662

BEC = 0.07617

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	494.46	0.0000	P	16.2
2	☐	5.000	5.314	31950.42	0.0019	P	0.5
3	☐	500.000	498.653	2956359.16	0.1734	A	1.3
4	☐	1250.000	1283.746	7574848.98	0.4463	A	0.6
5	☐	2500.000	2586.617	14640832.84	0.8992	A	0.6
6	☐	5000.000	5005.671	26611536.82	1.7400	A	0.5
7	☐	10000.000	9971.359	53357193.65	3.4661	A	0.8
8	☐			19437.47	0.0013	P	2.3

$$y = 3.4761E-004 * x + 2.9397E-005$$

R = 1.0000

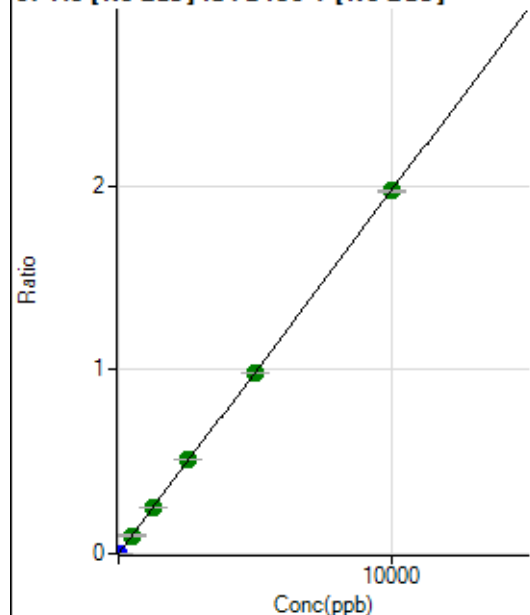
DL = 0.04103

BEC = 0.08457

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	283.34	0.0000	P	4.8
2	☐	5.000	5.278	18057.90	0.0011	P	1.0
3	☐	500.000	500.197	1687198.48	0.0989	A	1.9
4	☐	1250.000	1279.966	4296574.03	0.2531	A	1.0
5	☐	2500.000	2582.964	8316983.28	0.5108	A	0.8
6	☐	5000.000	4971.801	15036493.66	0.9832	A	0.4
7	☐	10000.000	9989.603	30410766.77	1.9754	A	0.6
8	☐			5586.68	0.0004	P	9.1

$$y = 1.9775E-004 * x + 1.6833E-005$$

R = 1.0000

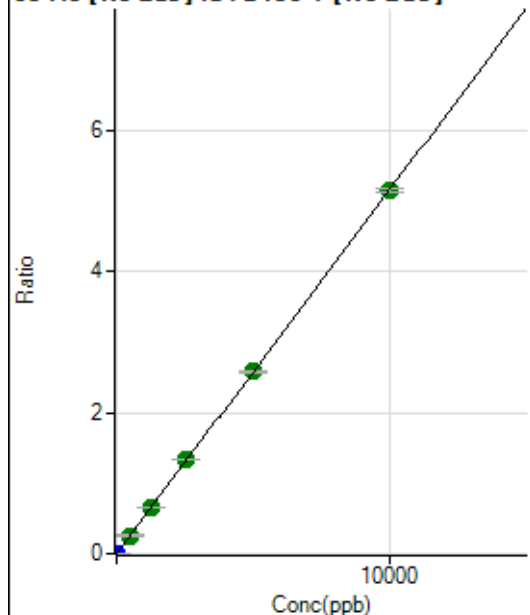
DL = 0.01225

BEC = 0.08512

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	626.69	0.0000	P	6.1
2	☐	5.000	5.222	46530.53	0.0027	P	1.2
3	☐	500.000	501.153	4412726.08	0.2588	A	0.9
4	☐	1250.000	1277.520	11195519.83	0.6596	A	0.1
5	☐	2500.000	2577.606	21669510.79	1.3308	A	0.4
6	☐	5000.000	5001.204	39487719.13	2.5820	A	0.3
7	☐	10000.000	9976.499	79286823.26	5.1505	A	1.0
8	☐			13553.12	0.0009	P	11.9

$$y = 5.1626E-004 * x + 3.7203E-005$$

R = 1.0000

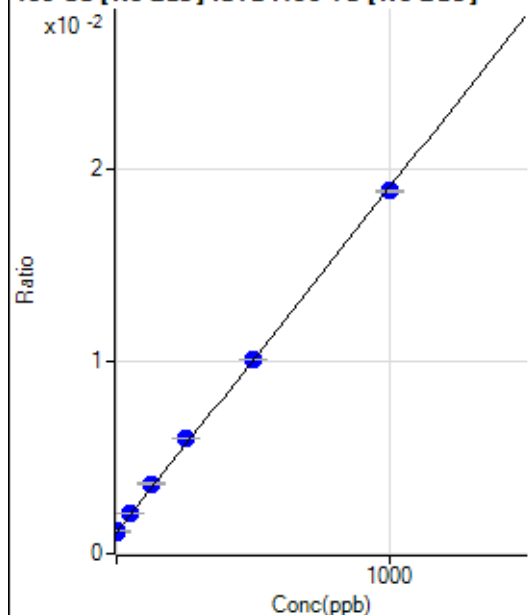
DL = 0.0132

BEC = 0.07206

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	16455.00	0.0011	P	1.7
2	☐	1.000	2.766	17270.35	0.0012	P	0.8
3	☐	50.000	56.700	32059.81	0.0021	P	1.3
4	☐	125.000	141.500	55127.44	0.0037	P	0.5
5	☐	250.000	273.946	89454.33	0.0060	P	0.4
6	☐	500.000	502.588	147219.28	0.0101	P	0.4
7	☐	1000.000	990.320	277037.14	0.0189	P	0.8
8	☐			14985.62	0.0010	P	0.5

$$y = 1.7970E-005 * x + 0.0011$$

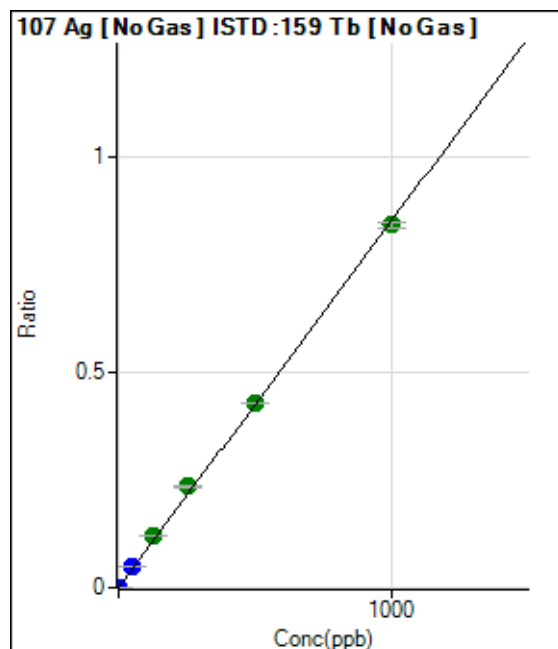
R = 0.9996

DL = 3.155

BEC = 61.98

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	154.45	0.0000	P	6.1
2	☐	1.000	1.178	15017.86	0.0010	P	1.0
3	☐	50.000	56.064	716378.96	0.0477	P	1.0
4	☐	125.000	140.882	1805113.79	0.1197	A	1.1
5	☐	250.000	276.670	3484124.43	0.2351	A	1.3
6	☐	500.000	503.668	6211276.30	0.4280	A	0.2
7	☐	1000.000	989.210	12315748.71	0.8406	A	1.6
8	☐			2739.18	0.0002	P	10.1

$$y = 8.4981E-004 * x + 1.0457E-005$$

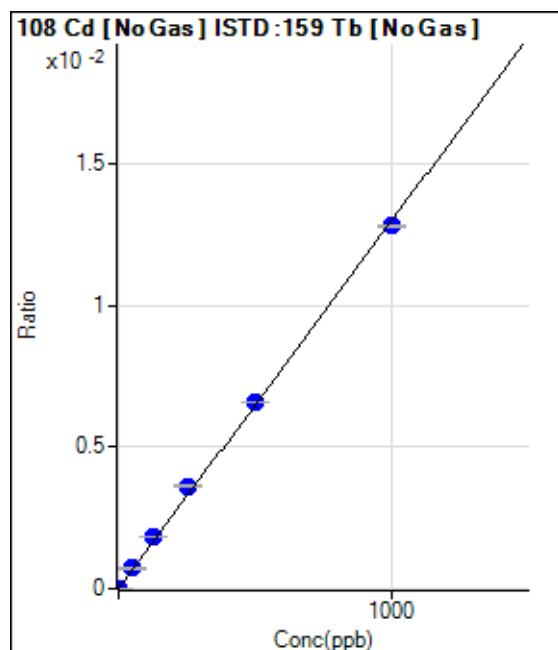
$$R = 0.9995$$

$$DL = 0.002265$$

$$BEC = 0.01231$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0000	P	41.6
2	☐	1.000	1.244	276.67	0.0000	P	1.5
3	☐	50.000	55.003	10776.32	0.0007	P	3.5
4	☐	125.000	141.372	27721.01	0.0018	P	0.7
5	☐	250.000	278.191	53579.77	0.0036	P	1.6
6	☐	500.000	507.832	95752.13	0.0066	P	0.6
7	☐	1000.000	986.740	187798.28	0.0128	P	0.5
8	☐			106.67	0.0000	P	16.9

$$y = 1.2989E-005 * x + 2.4826E-006$$

$$R = 0.9994$$

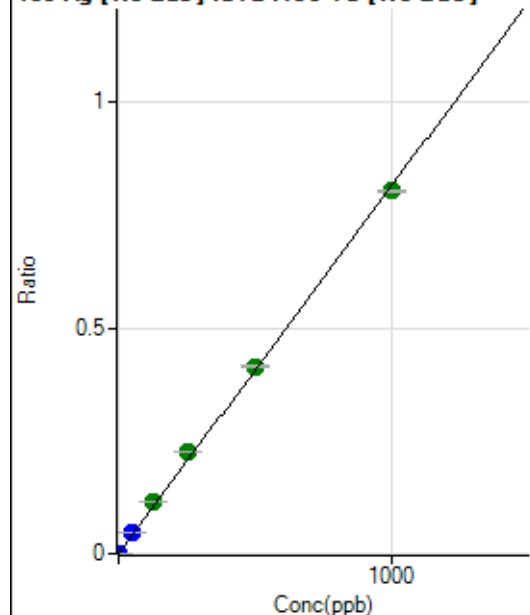
$$DL = 0.2384$$

$$BEC = 0.1911$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	87.78	0.0000	P	31.3
2	☐	1.000	1.129	13724.37	0.0009	P	2.5
3	☐	50.000	55.680	681300.82	0.0453	P	0.5
4	☐	125.000	140.079	1718773.45	0.1140	A	1.2
5	☐	250.000	276.788	3338005.37	0.2253	A	0.4
6	☐	500.000	508.677	6007139.50	0.4140	A	0.9
7	☐	1000.000	986.795	11765501.21	0.8031	A	0.7
8	☐			2560.26	0.0002	P	14.2

$$y = 8.1383E-004 * x + 5.9469E-006$$

$$R = 0.9995$$

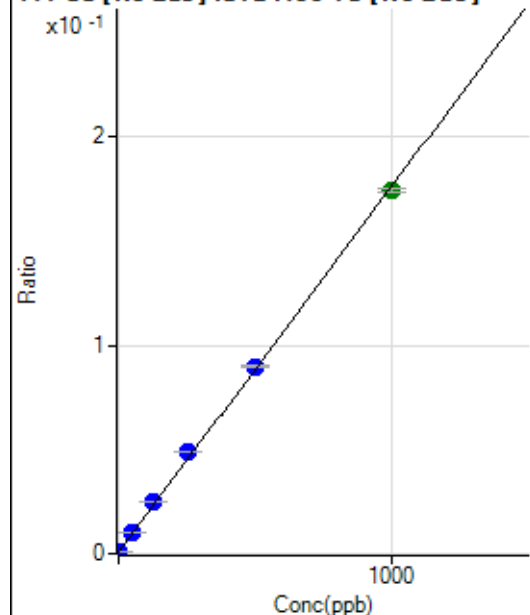
$$DL = 0.00686$$

$$BEC = 0.007307$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11531.72	0.0008	P	1.8
2	☐	1.000	1.336	15062.62	0.0010	P	0.6
3	☐	50.000	55.151	157148.53	0.0105	P	1.1
4	☐	125.000	138.758	378678.91	0.0251	P	1.0
5	☐	250.000	273.841	723261.44	0.0488	P	0.4
6	☐	500.000	507.445	1302824.77	0.0898	P	0.6
7	☐	1000.000	988.339	2551030.02	0.1741	A	1.2
8	☐			10924.17	0.0008	P	0.8

$$y = 1.7539E-004 * x + 7.8053E-004$$

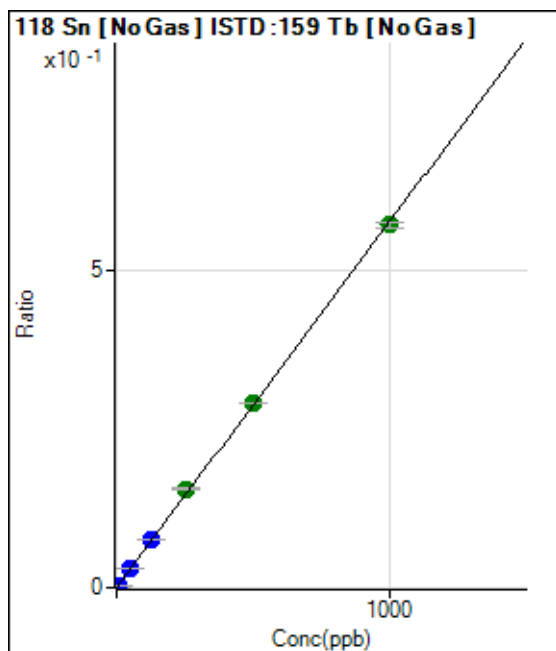
$$R = 0.9996$$

$$DL = 0.2464$$

$$BEC = 4.45$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1312.30	0.0001	P	17.7
2	☐	5.000	5.708	50112.35	0.0034	P	2.3
3	☐	50.000	52.613	456896.81	0.0304	P	1.4
4	☐	125.000	133.201	1158037.34	0.0768	P	0.5
5	☐	250.000	270.212	2307725.31	0.1557	A	1.7
6	☐	500.000	504.034	4214097.51	0.2904	A	0.8
7	☐	1000.000	991.770	8370310.85	0.5713	A	1.6
8	☐			3030.36	0.0002	P	5.7

$$y = 5.7600\text{E-}004 * x + 8.8905\text{E-}005$$

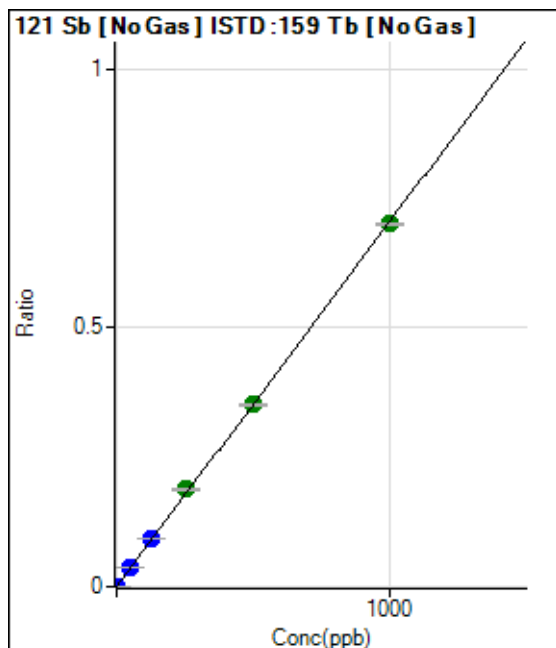
R = 0.9998

DL = 0.08179

BEC = 0.1544

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	224.45	0.0000	P	19.7
2	☐	2.000	2.176	22984.01	0.0015	P	0.7
3	☐	50.000	51.869	549706.20	0.0366	P	0.6
4	☐	125.000	131.925	1401802.15	0.0930	P	0.5
5	☐	250.000	267.125	2789416.04	0.1883	A	1.0
6	☐	500.000	500.032	5113255.41	0.3524	A	0.9
7	☐	1000.000	994.743	10269749.50	0.7010	A	0.8
8	☐			8513.70	0.0006	P	3.6

$$y = 7.0468\text{E-}004 * x + 1.5208\text{E-}005$$

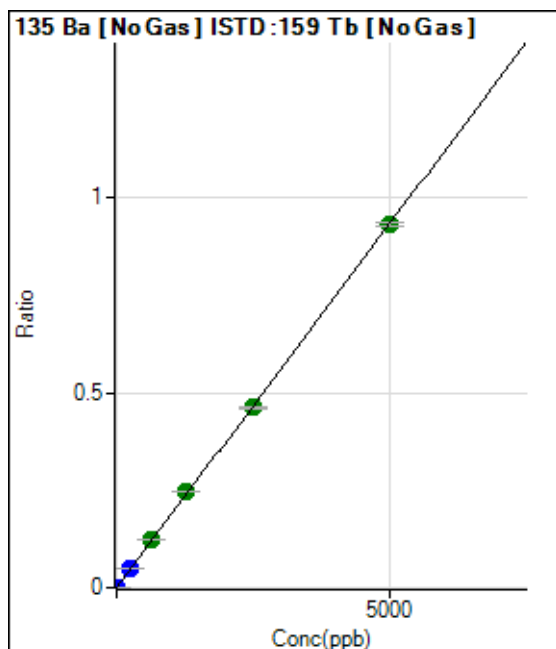
R = 0.9998

DL = 0.01278

BEC = 0.02158

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	87.78	0.0000	P	16.6
2	☐	10.000	10.768	29940.36	0.0020	P	2.0
3	☐	250.000	253.658	712427.24	0.0474	P	0.6
4	☐	625.000	653.424	1840286.94	0.1221	A	1.0
5	☐	1250.000	1321.133	3656981.65	0.2468	A	0.2
6	☐	2500.000	2482.626	6729374.90	0.4638	A	1.0
7	☐	5000.000	4987.166	13648386.18	0.9316	A	1.2
8	☐			6053.57	0.0004	P	1.3

$$y = 1.8680E-004 * x + 5.9463E-006$$

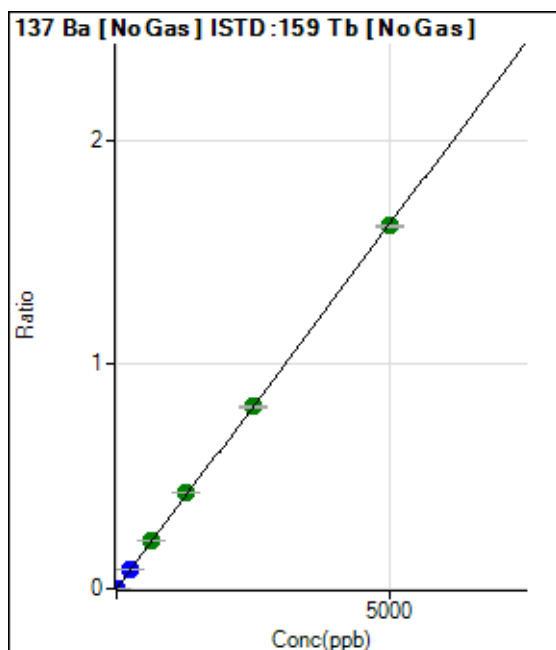
$$R = 0.9999$$

$$DL = 0.01586$$

$$BEC = 0.03183$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	140.01	0.0000	P	21.5
2	☐	10.000	10.695	51710.26	0.0035	P	1.6
3	☐	250.000	252.912	1235280.57	0.0822	P	0.7
4	☐	625.000	658.874	3227163.29	0.2141	A	0.9
5	☐	1250.000	1313.772	6323932.89	0.4268	A	0.9
6	☐	2500.000	2501.387	11791575.80	0.8126	A	0.6
7	☐	5000.000	4978.982	23696379.65	1.6175	A	0.8
8	☐			10611.84	0.0007	P	3.5

$$y = 3.2486E-004 * x + 9.4743E-006$$

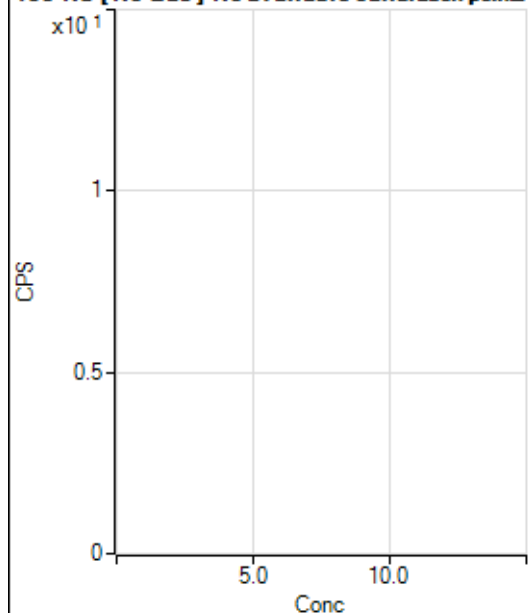
$$R = 0.9999$$

$$DL = 0.01885$$

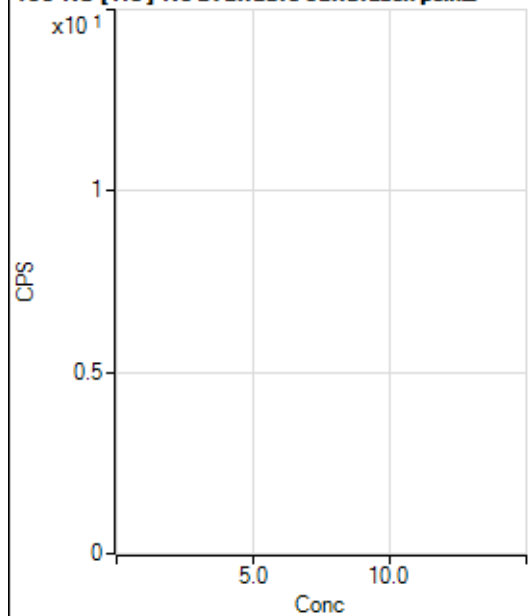
$$BEC = 0.02916$$

Weight: <None>

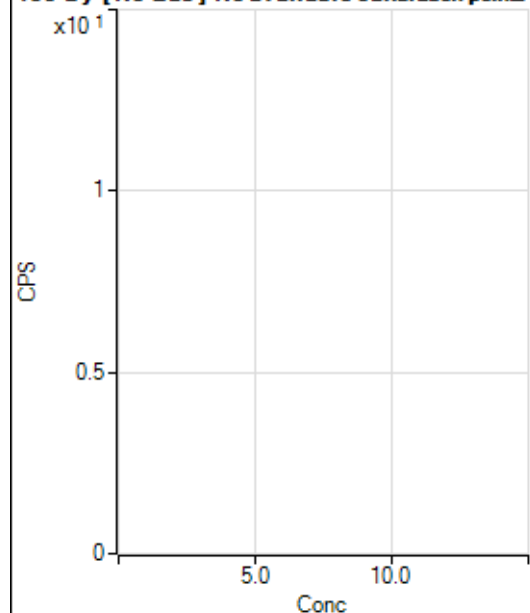
Min Conc: 0

150 Nd [No Gas] No available calibration points

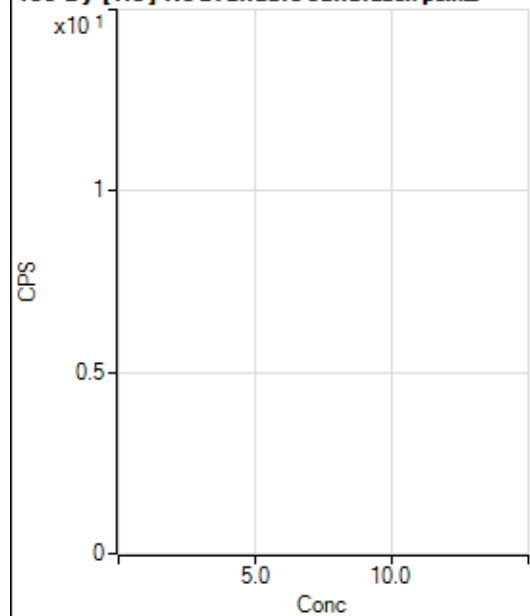
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐			12.22		P	15.7
3	☐			51.11		P	30.1
4	☐			138.89		P	11.3
5	☐			254.45		P	15.4
6	☐			475.57		P	6.0
7	☐			938.93		P	11.5
8	☐			228.89		P	13.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	132.
2	☐			6.67		P	0.0
3	☐			14.44		P	35.3
4	☐			47.78		P	28.2
5	☐			70.00		P	12.6
6	☐			138.89		P	15.6
7	☐			276.67		P	6.0
8	☐			152.22		P	12.8

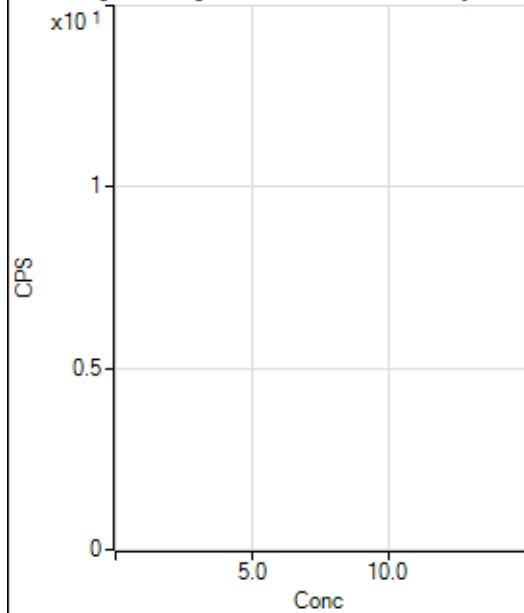
156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	35.3
2	☐			12.22		P	56.8
3	☐			23.33		P	37.8
4	☐			63.34		P	24.1
5	☐			138.89		P	10.0
6	☐			225.56		P	7.4
7	☐			455.57		P	12.6
8	☐			436.68		P	6.7

156 Dy [He] No available calibration points

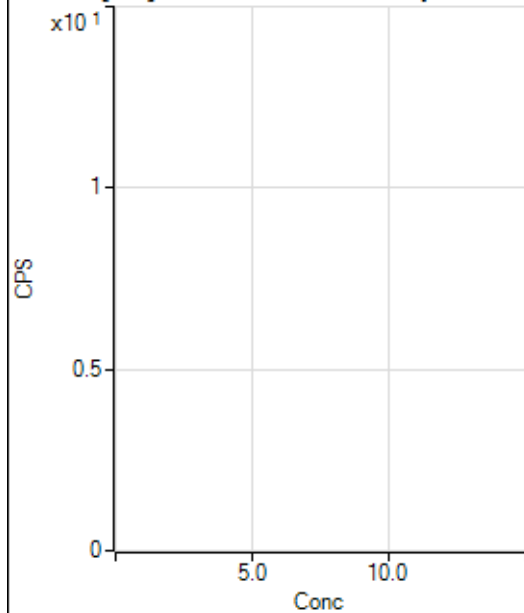
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐			14.44		P	113.
3	☐			54.45		P	7.1
4	☐			137.78		P	10.9
5	☐			262.23		P	11.8
6	☐			477.79		P	5.2
7	☐			950.04		P	1.5
8	☐			360.01		P	4.2

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



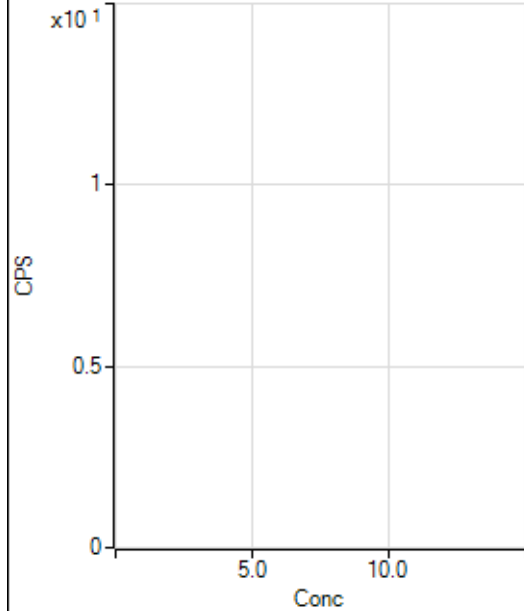
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.00		P	11.0
2	☐			106.67		P	16.5
3	☐			117.78		P	17.3
4	☐			118.89		P	30.2
5	☐			133.33		P	8.7
6	☐			177.78		P	12.2
7	☐			252.22		P	2.8
8	☐			491.12		P	9.9

160 Gd [He] No available calibration points



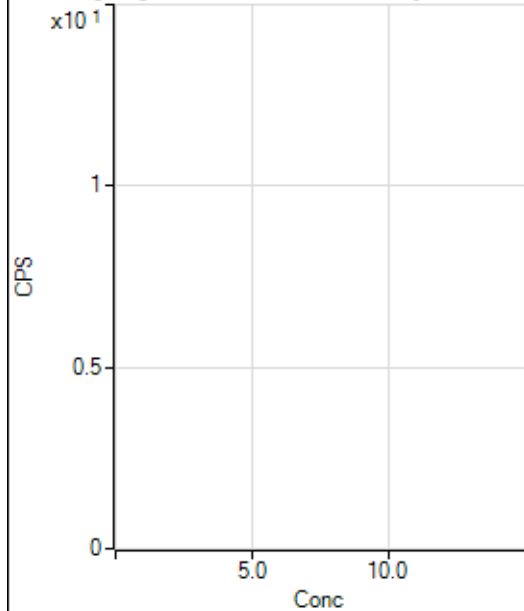
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			646.69		P	3.1
2	☐			612.24		P	9.0
3	☐			676.69		P	6.0
4	☐			693.36		P	3.0
5	☐			673.36		P	4.4
6	☐			664.47		P	5.1
7	☐			697.80		P	8.4
8	☐			896.70		P	6.9

164 Er [No Gas] No available calibration points



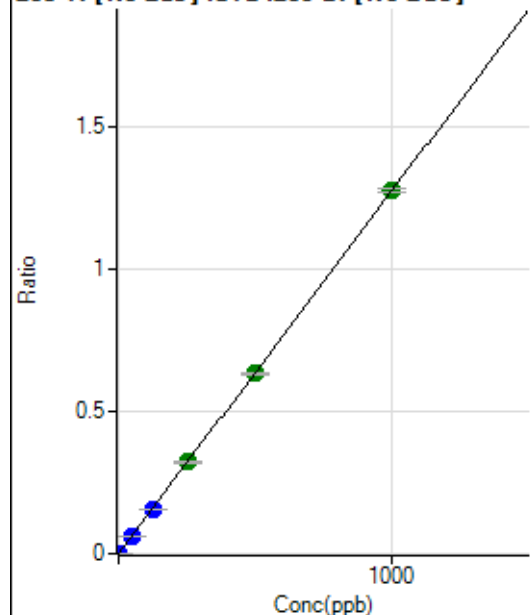
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	12.4
2	☐			73.33		P	22.7
3	☐			82.22		P	29.3
4	☐			113.33		P	19.3
5	☐			136.67		P	21.1
6	☐			165.56		P	19.9
7	☐			281.12		P	12.2
8	☐			517.79		P	7.7

164 Er [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	7.7
2	☐			44.44		P	4.3
3	☐			56.67		P	11.8
4	☐			85.55		P	19.6
5	☐			77.78		P	15.0
6	☐			144.45		P	5.8
7	☐			220.00		P	11.8
8	☐			371.12		P	7.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	300.00	0.0000	P	8.5
2	☐	1.000	1.004	11860.81	0.0013	P	1.3
3	☐	50.000	47.713	558100.19	0.0606	P	1.3
4	☐	125.000	123.279	1446029.08	0.1566	P	0.5
5	☐	250.000	252.878	2991619.57	0.3213	A	3.2
6	☐	500.000	496.660	5795970.95	0.6309	A	1.7
7	☐	1000.000	1001.280	11600728.99	1.2720	A	1.2
8	☐			2024.62	0.0002	P	9.2

$$y = 0.0013 * x + 3.3576E-005$$

$$R = 1.0000$$

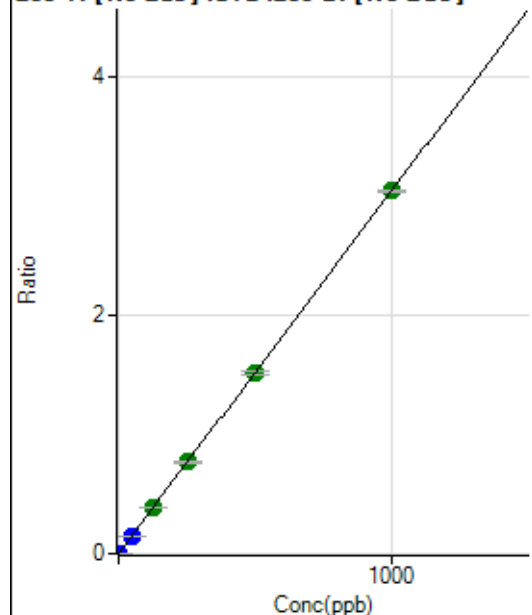
$$DL = 0.006717$$

$$BEC = 0.02643$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	805.59	0.0001	P	12.5
2	☐	1.000	0.981	27821.81	0.0031	P	3.6
3	☐	50.000	47.553	1331464.47	0.1447	P	1.1
4	☐	125.000	126.577	3553744.43	0.3850	A	1.3
5	☐	250.000	253.358	7175543.71	0.7704	A	1.9
6	☐	500.000	497.665	13900631.60	1.5133	A	1.8
7	☐	1000.000	1000.253	27738287.09	3.0414	A	0.7
8	☐			4804.22	0.0006	P	6.4

$$y = 0.0030 * x + 9.0237E-005$$

$$R = 1.0000$$

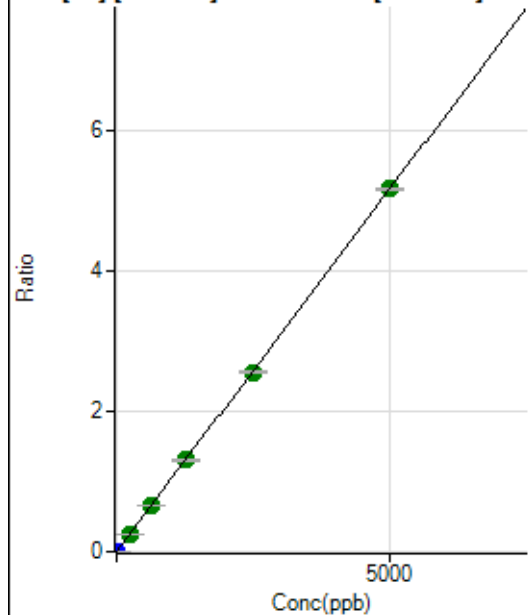
$$DL = 0.01113$$

$$BEC = 0.02968$$

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	773.36	0.0001	P	5.0
2	☐	1.000	0.998	10112.73	0.0011	P	2.8
3	☐	250.000	245.352	2331531.40	0.2534	A	1.8
4	☐	625.000	632.144	6025055.95	0.6526	A	0.8
5	☐	1250.000	1267.843	12189497.32	1.3089	A	2.4
6	☐	2500.000	2477.059	23491065.48	2.5571	A	1.5
7	☐	5000.000	5006.349	47134964.30	5.1681	A	0.6
8	☐			14627.95	0.0018	P	2.7

$$y = 0.0010 * x + 8.6570E-005$$

$$R = 1.0000$$

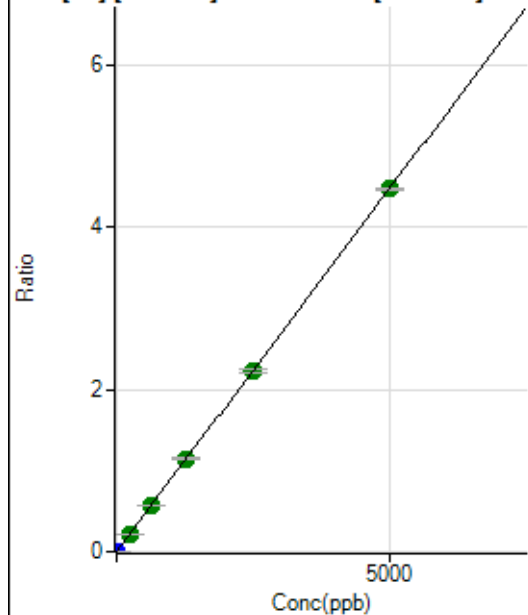
$$DL = 0.01254$$

$$BEC = 0.08386$$

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	608.91	0.0001	P	4.4
2	☐	1.000	0.991	8652.83	0.0010	P	1.6
3	☐	250.000	243.485	2007450.63	0.2181	A	0.6
4	☐	625.000	634.542	5246363.29	0.5683	A	0.4
5	☐	1250.000	1278.268	10662176.65	1.1448	A	1.6
6	☐	2500.000	2490.122	20487582.89	2.2300	A	1.1
7	☐	5000.000	4997.005	40813187.45	4.4749	A	0.3
8	☐			12782.78	0.0016	P	4.2

$$y = 8.9551E-004 * x + 6.8117E-005$$

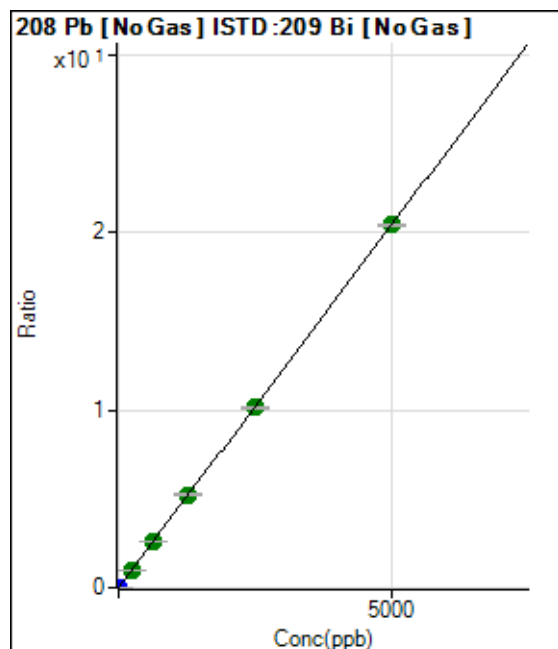
$$R = 1.0000$$

$$DL = 0.009994$$

$$BEC = 0.07607$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2940.15	0.0003	P	4.8
2	☐	1.000	0.995	39769.63	0.0044	P	1.5
3	☐	250.000	244.598	9193133.00	0.9989	A	0.9
4	☐	625.000	633.876	23892524.89	2.5881	A	0.4
5	☐	1250.000	1276.767	48548451.08	5.2127	A	1.9
6	☐	2500.000	2482.977	93129573.19	10.1370	A	1.0
7	☐	5000.000	5000.981	186208045.8	20.4167	A	0.3
8	☐			57724.58	0.0070	P	3.8

$$y = 0.0041 * x + 3.2914E-004$$

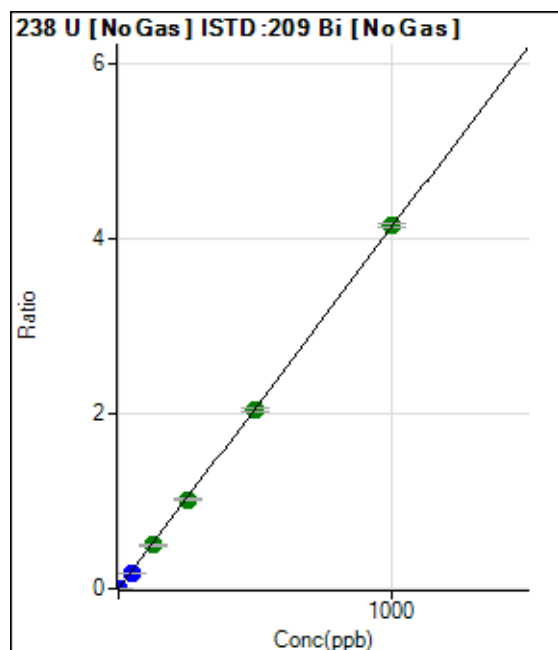
$$R = 1.0000$$

$$DL = 0.01166$$

$$BEC = 0.08062$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	445.57	0.0000	P	10.9
2	☐	1.000	0.892	33763.97	0.0037	P	1.1
3	☐	50.000	44.151	1675062.29	0.1820	P	1.2
4	☐	125.000	120.454	4583485.00	0.4965	A	1.1
5	☐	250.000	245.750	9434141.18	1.0129	A	1.7
6	☐	500.000	494.459	18720901.67	2.0379	A	1.7
7	☐	1000.000	1004.694	37764450.55	4.1408	A	1.0
8	☐			3587.19	0.0004	P	15.4

$$y = 0.0041 * x + 4.9901E-005$$

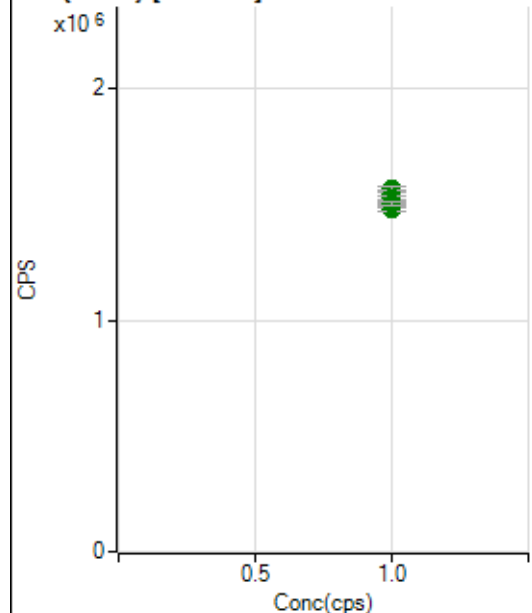
$$R = 1.0000$$

$$DL = 0.003946$$

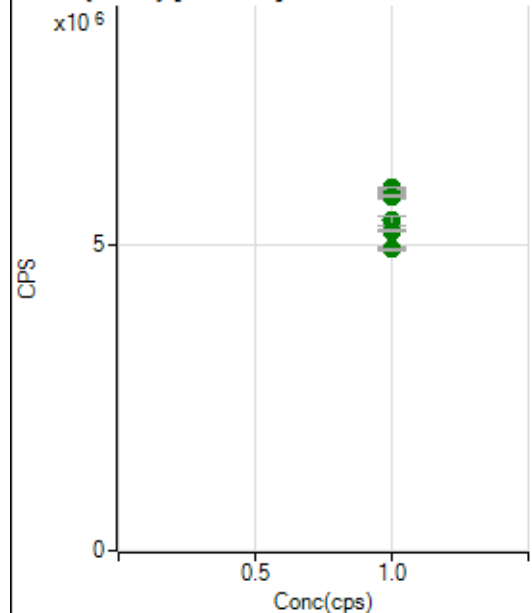
$$BEC = 0.01211$$

Weight: <None>

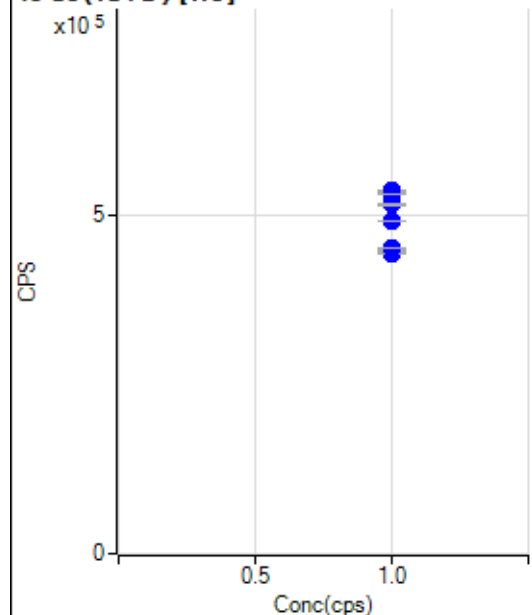
Min Conc: 0

6 Li (ISTD) [No Gas]

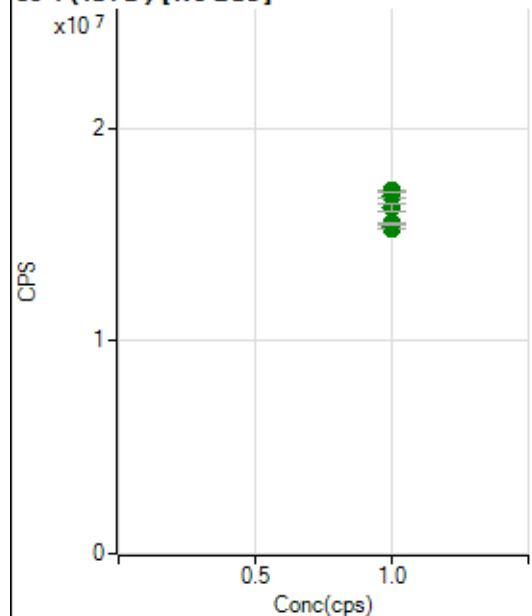
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1487296.04		A	2.3
2	☐	1.000		1477542.70		A	1.6
3	☐	1.000		1513138.23		A	1.3
4	☐	1.000		1544815.91		A	1.2
5	☐	1.000		1566290.38		A	1.2
6	☐	1.000		1525327.17		A	1.1
7	☐	1.000		1503595.57		A	1.0
8	☐	1.000		1503852.72		A	1.2

45 Sc (ISTD) [No Gas]

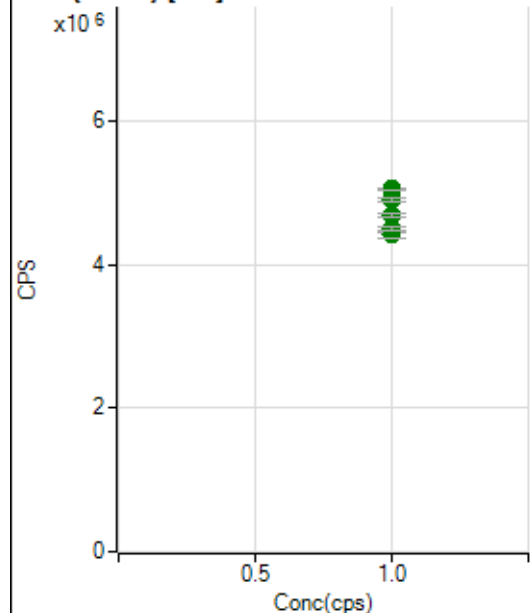
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5791939.43		A	1.5
2	☐	1.000		5852325.68		A	0.1
3	☐	1.000		5923451.51		A	0.5
4	☐	1.000		5784918.39		A	0.4
5	☐	1.000		5388751.86		A	2.6
6	☐	1.000		4943270.27		A	0.3
7	☐	1.000		4913756.73		A	0.7
8	☐	1.000		5221261.38		A	0.7

45 Sc (ISTD) [He]

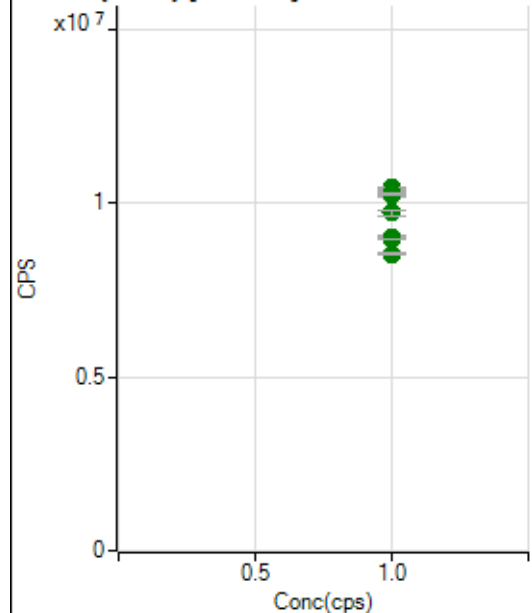
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		533525.70		P	0.2
2	☐	1.000		535580.02		P	0.5
3	☐	1.000		530886.31		P	0.4
4	☐	1.000		515317.36		P	0.5
5	☐	1.000		446712.10		P	0.3
6	☐	1.000		443595.32		P	0.2
7	☐	1.000		451630.85		P	0.2
8	☐	1.000		491186.35		P	0.5

89 Y (ISTD) [No Gas]

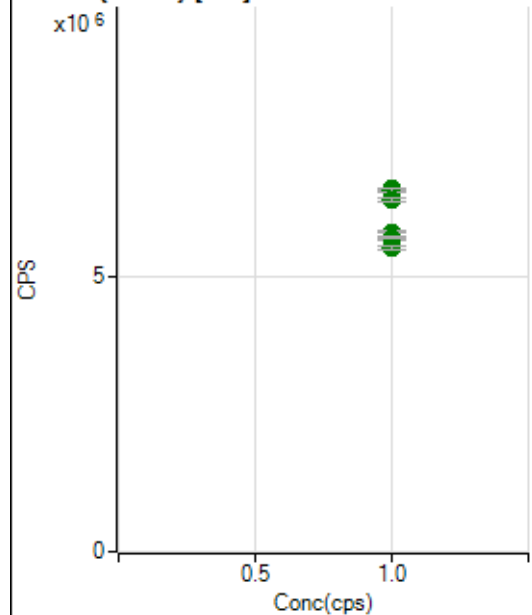
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16839150.58		A	1.3
2	☐	1.000		17026846.55		A	0.9
3	☐	1.000		17054065.44		A	0.8
4	☐	1.000		16973973.64		A	0.2
5	☐	1.000		16284062.12		A	1.9
6	☐	1.000		15293797.13		A	0.3
7	☐	1.000		15395081.44		A	1.5
8	☐	1.000		15511868.94		A	0.3

89 Y (ISTD) [He]

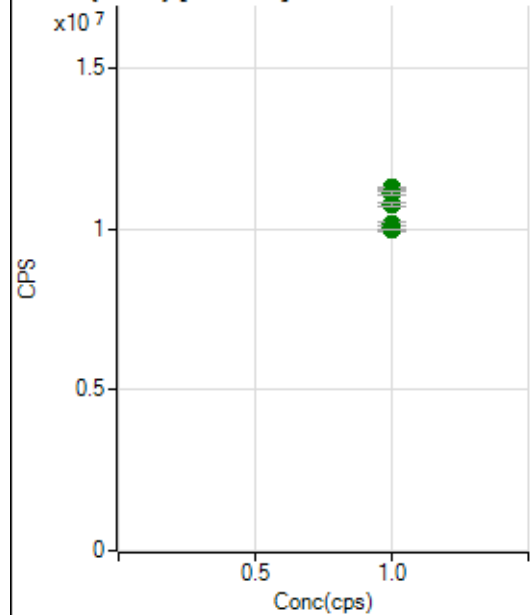
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5042914.96		A	0.5
2	☐	1.000		5053467.81		A	0.8
3	☐	1.000		5040534.82		A	0.3
4	☐	1.000		4913091.28		A	1.1
5	☐	1.000		4450331.81		A	0.7
6	☐	1.000		4410582.12		A	1.5
7	☐	1.000		4499379.10		A	0.7
8	☐	1.000		4676815.49		A	1.2

103 Rh (ISTD) [No Gas]

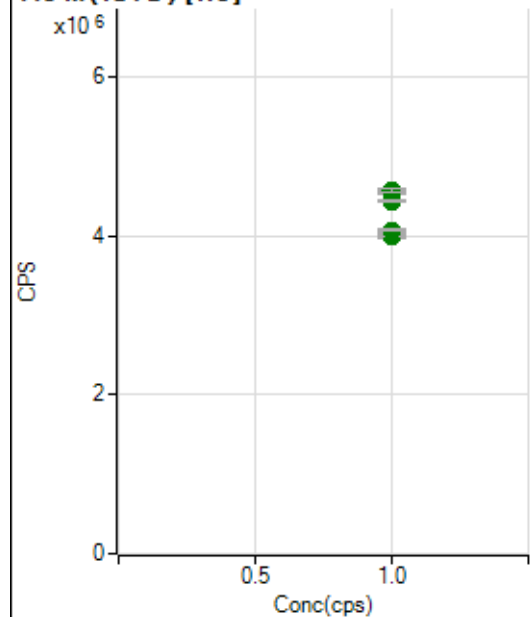
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10310201.93		A	2.4
2	☐	1.000		10451649.78		A	0.2
3	☐	1.000		10302242.48		A	0.6
4	☐	1.000		10270509.43		A	0.3
5	☐	1.000		9735644.37		A	1.6
6	☐	1.000		9051412.78		A	0.9
7	☐	1.000		8970056.67		A	0.2
8	☐	1.000		8558690.64		A	0.6

103 Rh (ISTD) [He]

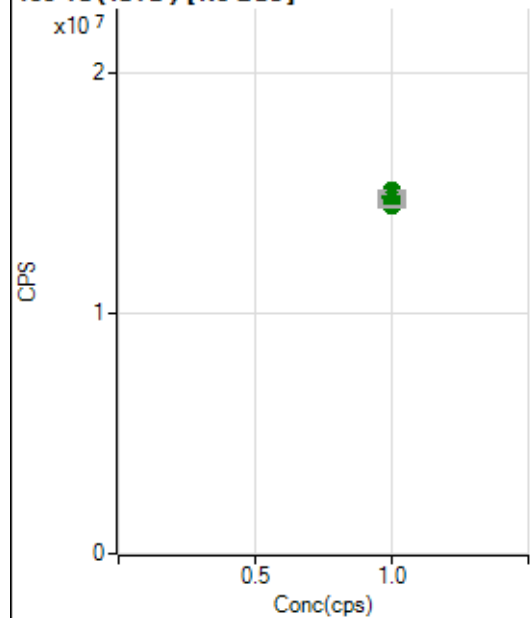
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6558280.04		A	0.5
2	☐	1.000		6579784.21		A	0.9
3	☐	1.000		6554162.75		A	0.7
4	☐	1.000		6377332.47		A	0.8
5	☐	1.000		5796177.83		A	0.8
6	☐	1.000		5688311.17		A	0.8
7	☐	1.000		5696493.04		A	0.7
8	☐	1.000		5508445.61		A	0.7

115 In (ISTD) [No Gas]

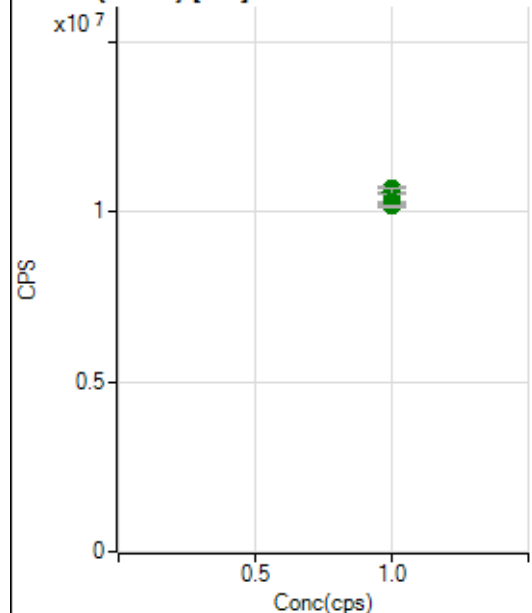
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11156068.62		A	1.4
2	☐	1.000		11233521.75		A	0.5
3	☐	1.000		11272027.61		A	0.6
4	☐	1.000		11124309.31		A	1.1
5	☐	1.000		10746566.32		A	1.5
6	☐	1.000		10153090.84		A	0.8
7	☐	1.000		10035777.28		A	1.8
8	☐	1.000		9972764.79		A	0.2

115 In (ISTD) [He]

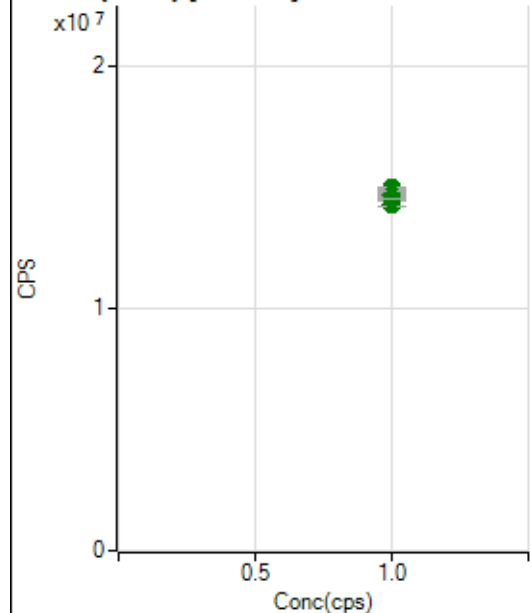
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4556782.44		A	0.6
2	☐	1.000		4545017.97		A	0.5
3	☐	1.000		4567167.61		A	1.1
4	☐	1.000		4441632.46		A	1.0
5	☐	1.000		4055060.01		A	0.5
6	☐	1.000		3994136.52		A	0.9
7	☐	1.000		4009485.88		A	0.8
8	☐	1.000		4075760.14		A	0.9

159 Tb (ISTD) [No Gas]

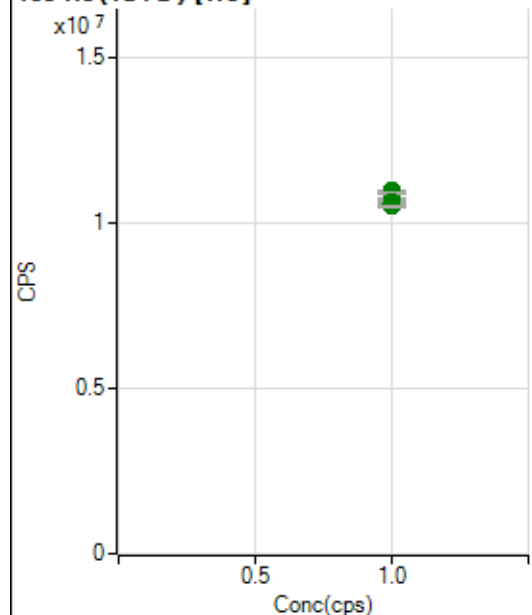
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14773743.39		A	0.8
2	☐	1.000		14843218.39		A	1.0
3	☐	1.000		15033379.22		A	0.7
4	☐	1.000		15076390.89		A	0.3
5	☐	1.000		14818163.53		A	1.2
6	☐	1.000		14511159.65		A	0.8
7	☐	1.000		14650147.00		A	0.1
8	☐	1.000		14449746.04		A	0.4

159 Tb (ISTD) [He]

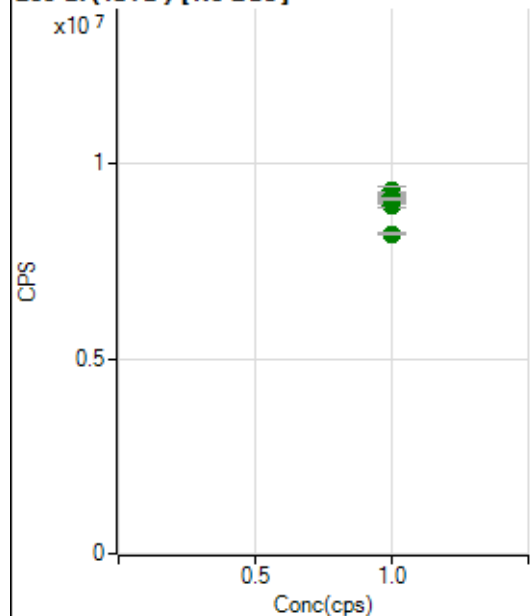
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10554933.46		A	0.4
2	☐	1.000		10556291.65		A	0.8
3	☐	1.000		10669053.80		A	1.3
4	☐	1.000		10598032.76		A	1.2
5	☐	1.000		10195147.21		A	0.9
6	☐	1.000		10190985.06		A	0.4
7	☐	1.000		10287924.50		A	0.6
8	☐	1.000		10159170.61		A	0.7

165 Ho (ISTD) [No Gas]

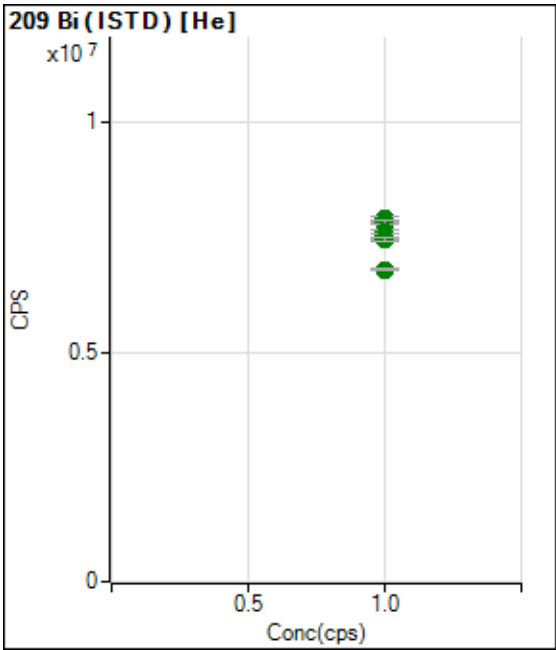
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14345828.53		A	1.8
2	☐	1.000		14585094.64		A	1.4
3	☐	1.000		14917362.84		A	0.8
4	☐	1.000		15002472.97		A	0.4
5	☐	1.000		14711660.34		A	0.9
6	☐	1.000		14528534.78		A	0.8
7	☐	1.000		14736118.11		A	1.3
8	☐	1.000		14541758.26		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10749282.34		A	0.6
2	☐	1.000		10895629.14		A	0.9
3	☐	1.000		10968195.53		A	0.6
4	☐	1.000		10907848.45		A	0.4
5	☐	1.000		10540561.65		A	0.3
6	☐	1.000		10575847.34		A	1.0
7	☐	1.000		10649201.65		A	0.2
8	☐	1.000		10519814.57		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8936180.07		A	1.2
2	☐	1.000		9058762.71		A	0.9
3	☐	1.000		9204259.52		A	1.7
4	☐	1.000		9231675.84		A	0.3
5	☐	1.000		9316186.39		A	2.3
6	☐	1.000		9187644.52		A	1.6
7	☐	1.000		9120484.17		A	0.5
8	☐	1.000		8211464.67		A	0.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1		1.000		7799498.08		A	0.5
2		1.000		7864355.30		A	0.4
3		1.000		7908629.19		A	1.5
4		1.000		7845180.44		A	0.7
5		1.000		7633071.35		A	0.8
6		1.000		7540568.98		A	1.6
7		1.000		7449724.54		A	1.1
8		1.000		6810248.23		A	0.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7010825MS.b
Acq. Date-Time 2025-01-08 10:07:10
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		6409	64089.82			0.394	5.000
24		182700	1826995.93			0.453	5.000
25		22477	224771.50			0.314	5.000
26		26013	260134.21			0.361	5.000
59		79294	792940.57			0.321	5.000
113		11424	114239.99			0.566	5.000
115		140371	1403713.09			0.795	5.000
206		33848	338482.49			0.394	5.000
207		29745	297449.79			0.231	5.000
208		70625	706253.84			0.511	5.000
220		0	2.70			67.535	

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

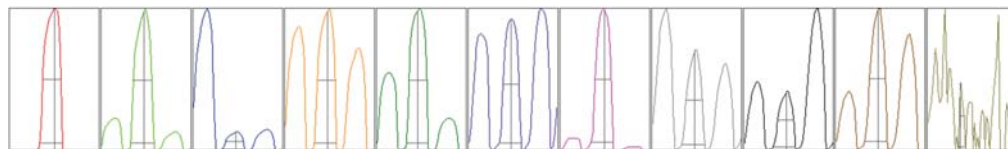
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	6384	6429	6385	6408	6439
24	181556	183293	183563	182168	182919
25	22369	22459	22481	22528	22550
26	25933	25936	26026	26008	26164
59	79340	79674	79302	79172	78982
113	11516	11447	11431	11353	11373
115	141104	141050	141029	140175	138498
206	33912	33969	33842	33895	33624
207	29732	29859	29714	29744	29676
208	70554	70957	70305	71043	70268

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	11027.27	9.05	8.90 - 9.10	
24	315238.16	23.95	23.90 - 24.10	
25	39539.17	24.95	24.90 - 25.10	
26	45023.94	25.95	25.90 - 26.10	
59	136461.15	58.90	58.90 - 59.10	
113	22001.66	112.95	112.90 - 113.10	
115	268921.10	115.00	114.90 - 115.10	
206	65857.27	205.95	205.90 - 206.10	
207	56705.70	206.95	206.90 - 207.10	
208	136649.83	207.95	207.90 - 208.10	
220	0.50	219.65	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.766	0.900	
24	0.62	0.784	0.900	
25	0.60	0.741	0.900	
26	0.60	0.742	0.900	
59	0.61	0.736	0.900	
113	0.53	0.752	0.900	
115	0.53	0.745	0.900	
206	0.54	0.782	0.900	
207	0.54	0.743	0.900	
208	0.53	0.762	0.900	
220	0.17	0.242		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.1 V	Deflect	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	140 V		

QP Parameters

Mass Gain	138	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.4 mm
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EM

Discriminator	4.6 mV	Analog HV	2268 V	Pulse HV	1058 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		27556	275557.81			0.485	
89		50828	508277.68			0.754	
205		36928	369277.53			0.689	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	27714	27632	27537	27540	27356
89	51300	51043	50855	50646	50295
205	37259	37094	36908	36748	36629

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	9.3 V	Deflect	3.0 V
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US EPA Tune Check Report

Extract 2	-145.0 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	138	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.11		
Hardware Settings					
Torch					
Torch H	0.3 mm	Torch V	0.4 mm		
EM					
Discriminator	4.6 mV	Analog HV	2268 V	Pulse HV	1058 V

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:38:50 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	0.09	-0.13	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.07	-0.09	0.00	N/A	ppb
Cadmium	106-1	-0.54	-0.67	1.21	0.00	N/A	ppb
Cadmium	111-1	-0.04	-0.06	0.09	0.00	N/A	ppb
Calcium	43-1	-0.84	0.68	0.16	0.00	N/A	ppb
Calcium	44-1	0.89	-0.24	-0.66	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	-0.03	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.05	0.05	0.00	0.00	N/A	ppb
Iron	57-2	-0.25	0.92	-0.67	0.00	N/A	ppb
Iron	54-2	0.39	0.05	-0.45	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:38:50 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	0.14	-0.11	-0.03	0.00	N/A	ppb
Manganese	55-2	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.02	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.07	0.00	0.00	N/A	ppb
Phosphorus	31-2	-18.52	-17.50	-14.98	-17.00		ppb
Potassium	39-2	-0.40	0.79	-0.39	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.07	0.33	-0.26	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.46	-0.75	-0.71	0.00	N/A	ppb
Silicon	28-1	0.62	-0.51	-0.10	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	0.35	0.36	-0.71	0.00	N/A	ppb
Strontium	86-1	0.05	0.06	-0.12	0.00	N/A	ppb
Strontium	88-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Sulfur	34-1	106.70	-70.77	-52.51	-5.53		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :

LB134279

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2025-01-08 10:38:50

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	0.03	-0.06	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 : LB134279 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:45:22 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.93	19.62	19.80	19.78	0.78	ppb
Antimony	121-1	2.19	2.17	2.17	2.18	0.67	ppb
Arsenic	75-2	1.22	1.15	1.16	1.18	3.18	ppb
Barium	135-1	10.52	10.87	10.92	10.77	2.01	ppb
Barium	137-1	10.58	10.90	10.61	10.70	1.63	ppb
Beryllium	9-1	1.22	1.16	1.25	1.21	4.00	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.23	1.24	1.27	1.24	1.72	ppb
Cadmium	106-1	3.32	2.65	2.33	2.77	18.40	ppb
Cadmium	111-1	1.32	1.37	1.32	1.34	2.49	ppb
Calcium	43-1	541.82	538.59	541.13	540.51	0.31	ppb
Calcium	44-1	542.81	545.85	548.31	545.66	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.21	2.14	2.15	2.17	1.87	ppb
Cobalt	59-2	1.09	1.09	1.14	1.10	2.56	ppb
Copper	63-2	2.01	2.12	2.01	2.04	3.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	58.57	59.55	58.83	58.98	0.86	ppb
Iron	57-2	59.89	64.75	61.06	61.90	4.10	ppb
Iron	54-2	63.22	61.16	61.84	62.08	1.69	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:45:22 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.97	1.03	0.99	1.00	2.99	ppb
Lead	207-1	0.97	0.99	1.01	0.99	1.75	ppb
Lead	208-1	0.98	1.00	1.01	0.99	1.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	547.01	546.90	544.82	546.24	0.23	ppb
Manganese	55-2	1.03	1.04	1.06	1.04	1.71	ppb
Molybdenum	94-1	6.20	6.21	6.14	6.18	0.64	ppb
Molybdenum	95-1	5.12	5.36	5.23	5.24	2.30	ppb
Molybdenum	96-1	5.34	5.32	5.28	5.31	0.54	ppb
Molybdenum	97-1	5.30	5.32	5.22	5.28	1.06	ppb
Molybdenum	98-1	5.23	5.28	5.15	5.22	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.92	1.05	1.01	7.72	ppb
Phosphorus	31-2	16.08	14.27	20.65	17.00	19.32	ppb
Potassium	39-2	543.65	547.74	546.60	546.00	0.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.86	5.86	5.14	5.62	7.34	ppb
Selenium	77-2	5.58	5.66	5.77	5.67	1.69	ppb
Selenium	78-2	4.52	5.89	4.81	5.07	14.29	ppb
Silicon	28-1	-1.03	-0.34	-0.21	-0.53		ppb
Silver	107-1	1.17	1.19	1.18	1.18	0.97	ppb
Silver	109-1	1.11	1.11	1.16	1.13	2.55	ppb
Sodium	23-2	503.51	510.44	505.58	506.51	0.70	ppb
Strontium	86-1	25.59	26.68	25.86	26.05	2.19	ppb
Strontium	88-1	26.72	26.47	26.55	26.58	0.49	ppb
Sulfur	34-1	-20.28	13.94	22.93	5.53	412.43	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	1.00	1.02	0.99	1.00	1.31	ppb
Thallium	205-1	0.94	1.01	1.00	0.98	3.75	ppb
Tin	118-1	5.61	5.86	5.65	5.71	2.33	ppb
Titanium	47-1	5.27	5.44	5.31	5.34	1.69	ppb

3

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:48:36 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	977.21	962.04	967.43	968.89	0.79	ppb
Antimony	121-1	51.53	52.16	51.91	51.87	0.62	ppb
Arsenic	75-2	52.83	52.96	51.88	52.56	1.13	ppb
Barium	135-1	252.12	253.51	255.35	253.66	0.64	ppb
Barium	137-1	251.03	254.29	253.42	252.91	0.67	ppb
Beryllium	9-1	53.79	54.04	56.52	54.78	2.75	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	52.90	56.64	55.47	55.00	3.48	ppb
Cadmium	106-1	55.18	58.37	56.56	56.70	2.82	ppb
Cadmium	111-1	54.48	55.74	55.24	55.15	1.15	ppb
Calcium	43-1	5138.77	5191.64	5214.02	5181.48	0.75	ppb
Calcium	44-1	5039.72	5006.56	5053.54	5033.27	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.42	50.02	50.52	50.32	0.53	ppb
Cobalt	59-2	51.33	50.58	51.00	50.97	0.74	ppb
Copper	63-2	520.62	521.39	510.06	517.35	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	2619.35	2592.19	2604.34	2605.29	0.52	ppb
Iron	57-2	2703.05	2675.37	2702.25	2693.56	0.58	ppb
Iron	54-2	2781.07	2763.09	2753.15	2765.77	0.51	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:48:36 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	250.32	243.37	242.36	245.35	1.77	ppb
Lead	207-1	244.46	244.19	241.81	243.49	0.60	ppb
Lead	208-1	246.99	243.78	243.03	244.60	0.86	ppb
Lithium	6-1				102		%
Magnesium	24-2	5055.57	5003.39	5021.98	5026.98	0.53	ppb
Manganese	55-2	498.90	502.96	487.60	496.48	1.60	ppb
Molybdenum	94-1	510.31	507.59	501.34	506.41	0.91	ppb
Molybdenum	95-1	504.25	512.39	500.34	505.66	1.22	ppb
Molybdenum	96-1	503.78	500.55	491.63	498.65	1.26	ppb
Molybdenum	97-1	489.85	507.73	503.01	500.20	1.85	ppb
Molybdenum	98-1	504.53	502.89	496.04	501.15	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.67	52.11	52.19	52.32	0.58	ppb
Phosphorus	31-2	1069.22	1074.36	1034.77	1059.45	2.03	ppb
Potassium	39-2	2555.24	2496.72	2477.83	2509.93	1.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	52.82	54.40	52.91	53.37	1.67	ppb
Selenium	77-2	54.22	60.35	53.94	56.17	6.45	ppb
Selenium	78-2	53.51	51.69	56.70	53.96	4.71	ppb
Silicon	28-1	52.80	52.55	52.68	52.68	0.24	ppb
Silver	107-1	55.43	56.59	56.17	56.06	1.04	ppb
Silver	109-1	55.51	56.00	55.53	55.68	0.50	ppb
Sodium	23-2	5069.11	4987.37	4986.61	5014.37	0.95	ppb
Strontium	86-1	1259.16	1264.02	1243.21	1255.47	0.87	ppb
Strontium	88-1	1240.59	1264.46	1255.79	1253.61	0.96	ppb
Sulfur	34-1	1067.28	982.24	1078.93	1042.81	5.06	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	48.42	47.36	47.36	47.71	1.28	ppb
Thallium	205-1	48.18	47.24	47.24	47.55	1.14	ppb
Tin	118-1	52.25	53.46	52.14	52.61	1.39	ppb
Titanium	47-1	492.23	491.00	496.37	493.20	0.57	ppb

LB Number :LB134279

Operator :Jaswal

Lab Sample ID :S03

Instrumnet Name :P7

Client Sample ID :S03

Dilution Factor :1

Date & Time Acquired :2025-01-08 10:48:36

DataFile Name :007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	44.74	43.74	43.97	44.15	1.19	ppb
Vanadium	51-2	50.23	49.43	49.64	49.77	0.83	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	515.81	509.56	514.85	513.41	0.65	ppb
Zirconium	90-1	49.55	49.73	49.15	49.48	0.61	ppb
Zirconium	91-1	50.27	50.22	49.12	49.87	1.30	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:51:39 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2493.73	2478.64	2491.12	2487.83	0.32	ppb
Antimony	121-1	131.47	132.64	131.67	131.93	0.47	ppb
Arsenic	75-2	135.58	133.92	136.46	135.32	0.95	ppb
Barium	135-1	646.09	659.16	655.02	653.42	1.02	ppb
Barium	137-1	657.73	653.44	665.45	658.87	0.92	ppb
Beryllium	9-1	135.33	135.04	139.68	136.68	1.90	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	140.38	141.50	142.24	141.37	0.66	ppb
Cadmium	106-1	140.38	142.21	141.91	141.50	0.69	ppb
Cadmium	111-1	137.38	140.13	138.76	138.76	0.99	ppb
Calcium	43-1	13296.55	13344.75	13497.61	13379.64	0.78	ppb
Calcium	44-1	12936.37	12689.80	12827.71	12817.96	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.97	128.83	129.24	129.35	0.45	ppb
Cobalt	59-2	130.54	130.40	130.06	130.33	0.19	ppb
Copper	63-2	1341.09	1319.87	1320.89	1327.28	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	6771.39	6710.35	6742.73	6741.49	0.45	ppb
Iron	57-2	6918.93	6906.98	6928.84	6918.25	0.16	ppb
Iron	54-2	6823.70	6897.96	7023.50	6915.06	1.46	ppb
Krypton	83-1						cps

LB Number :	LB134279	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2025-01-08 10:51:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	631.36	627.83	637.25	632.14	0.75	ppb
Lead	207-1	637.45	632.83	633.34	634.54	0.40	ppb
Lead	208-1	635.48	631.13	635.02	633.88	0.38	ppb
Lithium	6-1				104		%
Magnesium	24-2	12830.11	12659.92	12591.39	12693.81	0.97	ppb
Manganese	55-2	1283.45	1274.73	1285.83	1281.34	0.46	ppb
Molybdenum	94-1	1283.42	1273.04	1291.13	1282.53	0.71	ppb
Molybdenum	95-1	1289.35	1289.93	1295.97	1291.75	0.28	ppb
Molybdenum	96-1	1274.85	1288.51	1287.88	1283.75	0.60	ppb
Molybdenum	97-1	1277.19	1269.39	1293.32	1279.97	0.95	ppb
Molybdenum	98-1	1278.40	1278.48	1275.68	1277.52	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.94	133.34	132.78	133.35	0.44	ppb
Phosphorus	31-2	2691.20	2601.86	2656.42	2649.83	1.70	ppb
Potassium	39-2	6475.98	6471.59	6426.90	6458.16	0.42	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	137.02	136.17	137.82	137.00	0.60	ppb
Selenium	77-2	144.54	140.17	141.27	141.99	1.60	ppb
Selenium	78-2	137.73	137.07	136.58	137.13	0.42	ppb
Silicon	28-1	134.04	134.61	135.77	134.81	0.65	ppb
Silver	107-1	139.37	142.36	140.92	140.88	1.06	ppb
Silver	109-1	139.07	142.01	139.16	140.08	1.19	ppb
Sodium	23-2	12977.29	13043.55	12949.40	12990.08	0.37	ppb
Strontium	86-1	3163.09	3199.72	3183.26	3182.02	0.58	ppb
Strontium	88-1	3240.08	3214.20	3180.92	3211.73	0.92	ppb
Sulfur	34-1	2652.08	2618.52	2638.80	2636.47	0.64	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	122.60	123.81	123.42	123.28	0.50	ppb
Thallium	205-1	125.89	128.48	125.36	126.58	1.32	ppb
Tin	118-1	132.56	133.93	133.11	133.20	0.52	ppb
Titanium	47-1	1284.24	1298.80	1285.01	1289.35	0.64	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:51:39 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	119.37	120.09	121.90	120.45	1.08	ppb
Vanadium	51-2	129.09	127.93	128.19	128.40	0.47	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	1317.55	1315.31	1321.22	1318.03	0.23	ppb
Zirconium	90-1	129.34	129.36	128.57	129.09	0.35	ppb
Zirconium	91-1	126.36	127.33	127.82	127.17	0.58	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:54:30 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5186.56	5020.22	5083.83	5096.87	1.65	ppb
Antimony	121-1	268.51	264.17	268.70	267.12	0.96	ppb
Arsenic	75-2	266.63	262.40	266.29	265.11	0.89	ppb
Barium	135-1	1319.28	1319.77	1324.35	1321.13	0.21	ppb
Barium	137-1	1308.90	1304.47	1327.95	1313.77	0.95	ppb
Beryllium	9-1	263.20	260.03	263.20	262.14	0.70	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	283.29	274.69	276.59	278.19	1.62	ppb
Cadmium	106-1	275.05	274.19	272.59	273.95	0.46	ppb
Cadmium	111-1	274.52	272.44	274.57	273.84	0.44	ppb
Calcium	43-1	26866.67	26567.78	27122.41	26852.29	1.03	ppb
Calcium	44-1	26129.43	25654.72	26168.26	25984.13	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	260.61	262.60	262.37	261.86	0.42	ppb
Cobalt	59-2	267.26	264.00	269.88	267.05	1.10	ppb
Copper	63-2	2703.00	2696.25	2691.24	2696.83	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	56-2	13772.81	13857.50	13926.95	13852.42	0.56	ppb
Iron	57-2	14363.20	14374.43	14292.80	14343.48	0.31	ppb
Iron	54-2	13935.95	14038.19	14105.05	14026.40	0.61	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:54:30 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1301.88	1246.11	1255.54	1267.84	2.35	ppb
Lead	207-1	1300.46	1259.40	1274.94	1278.27	1.62	ppb
Lead	208-1	1303.57	1256.85	1269.89	1276.77	1.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	26775.34	26098.09	26266.79	26380.07	1.34	ppb
Manganese	55-2	2613.09	2648.01	2625.91	2629.00	0.67	ppb
Molybdenum	94-1	2558.13	2600.06	2557.02	2571.73	0.95	ppb
Molybdenum	95-1	2577.18	2587.55	2594.80	2586.51	0.34	ppb
Molybdenum	96-1	2573.72	2583.73	2602.40	2586.62	0.56	ppb
Molybdenum	97-1	2564.32	2579.36	2605.21	2582.96	0.80	ppb
Molybdenum	98-1	2579.89	2567.52	2585.41	2577.61	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	272.98	270.56	268.88	270.81	0.76	ppb
Phosphorus	31-2	5468.79	5174.57	5246.02	5296.46	2.90	ppb
Potassium	39-2	12914.10	12719.53	12619.37	12751.00	1.18	ppb
Rhodium	103-1				94		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				84		%
Selenium	82-1	267.18	269.14	266.68	267.67	0.49	ppb
Selenium	77-2	273.18	260.33	289.33	274.28	5.30	ppb
Selenium	78-2	278.55	267.87	265.86	270.76	2.52	ppb
Silicon	28-1	272.21	267.43	270.46	270.03	0.90	ppb
Silver	107-1	280.56	273.64	275.81	276.67	1.28	ppb
Silver	109-1	275.59	277.48	277.29	276.79	0.38	ppb
Sodium	23-2	27024.98	26394.90	26747.17	26722.35	1.18	ppb
Strontium	86-1	6399.79	6390.74	6455.80	6415.44	0.55	ppb
Strontium	88-1	6456.20	6463.85	6478.77	6466.27	0.18	ppb
Sulfur	34-1	5409.41	5100.06	5264.21	5257.89	2.94	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	262.28	247.66	248.69	252.88	3.23	ppb
Thallium	205-1	258.73	250.00	251.35	253.36	1.85	ppb
Tin	118-1	275.49	267.72	267.43	270.21	1.69	ppb
Titanium	47-1	2618.69	2537.98	2597.74	2584.80	1.62	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:54:30 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	247.96	240.92	248.36	245.75	1.70	ppb
Vanadium	51-2	257.24	258.87	258.03	258.04	0.32	ppb
Yttrium	89-1				97		%
Yttrium	89-2				88		%
Zinc	66-2	2727.91	2738.16	2732.38	2732.82	0.19	ppb
Zirconium	90-1	257.38	256.23	255.04	256.22	0.46	ppb
Zirconium	91-1	253.90	254.72	257.07	255.23	0.65	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:57:18 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9880.94	9946.28	10015.19	9947.47	0.67	ppb
Antimony	121-1	498.97	504.80	496.32	500.03	0.87	ppb
Arsenic	75-2	495.78	511.74	500.85	502.79	1.62	ppb
Barium	135-1	2483.51	2507.67	2456.70	2482.63	1.03	ppb
Barium	137-1	2516.42	2501.69	2486.05	2501.39	0.61	ppb
Beryllium	9-1	492.72	490.91	489.08	490.90	0.37	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	504.82	510.79	507.88	507.83	0.59	ppb
Cadmium	106-1	502.23	504.75	500.79	502.59	0.40	ppb
Cadmium	111-1	506.19	511.00	505.15	507.45	0.61	ppb
Calcium	43-1	51562.80	52015.18	51839.16	51805.71	0.44	ppb
Calcium	44-1	49966.64	50128.25	50397.53	50164.14	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.43	497.62	499.72	500.26	0.59	ppb
Cobalt	59-2	503.90	501.61	502.69	502.73	0.23	ppb
Copper	63-2	5040.18	5042.57	5056.63	5046.46	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	26266.02	26564.19	26417.59	26415.93	0.56	ppb
Iron	57-2	25810.49	26342.15	26031.56	26061.40	1.02	ppb
Iron	54-2	26526.39	26834.01	26905.78	26755.40	0.75	ppb
Krypton	83-1						cps

LB Number :	LB134279	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2025-01-08 10:57:18	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2453.84	2519.57	2457.77	2477.06	1.49	ppb
Lead	207-1	2459.04	2514.39	2496.93	2490.12	1.14	ppb
Lead	208-1	2461.15	2508.10	2479.68	2482.98	0.95	ppb
Lithium	6-1				103		%
Magnesium	24-2	50007.84	49950.58	50135.11	50031.18	0.19	ppb
Manganese	55-2	5016.53	5047.66	5027.01	5030.40	0.31	ppb
Molybdenum	94-1	4975.08	4993.51	4974.85	4981.15	0.21	ppb
Molybdenum	95-1	5040.12	5009.14	5013.63	5020.96	0.33	ppb
Molybdenum	96-1	5033.33	4991.63	4992.05	5005.67	0.48	ppb
Molybdenum	97-1	4992.59	4971.75	4951.06	4971.80	0.42	ppb
Molybdenum	98-1	5015.65	5002.12	4985.85	5001.20	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.70	506.81	506.50	506.00	0.23	ppb
Phosphorus	31-2	9973.41	10009.54	10091.62	10024.86	0.60	ppb
Potassium	39-2	24507.40	24374.55	24795.50	24559.15	0.88	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				83		%
Selenium	82-1	503.39	510.23	508.25	507.29	0.69	ppb
Selenium	77-2	495.76	515.12	504.58	505.16	1.92	ppb
Selenium	78-2	499.54	508.31	515.58	507.81	1.58	ppb
Silicon	28-1	505.98	511.28	507.14	508.13	0.55	ppb
Silver	107-1	502.26	504.47	504.27	503.67	0.24	ppb
Silver	109-1	508.74	513.14	504.15	508.68	0.88	ppb
Sodium	23-2	50899.52	50863.81	50822.91	50862.08	0.08	ppb
Strontium	86-1	12340.16	12440.56	12516.97	12432.56	0.71	ppb
Strontium	88-1	12457.58	12460.34	12542.90	12486.94	0.39	ppb
Sulfur	34-1	9652.34	9725.89	9688.77	9689.00	0.38	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	492.44	506.54	491.00	496.66	1.73	ppb
Thallium	205-1	496.21	507.42	489.36	497.67	1.83	ppb
Tin	118-1	501.82	508.58	501.70	504.03	0.78	ppb
Titanium	47-1	4927.73	4979.99	4919.56	4942.43	0.66	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:57:18 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	488.58	504.01	490.79	494.46	1.69	ppb
Vanadium	51-2	493.50	498.12	502.40	498.01	0.89	ppb
Yttrium	89-1				91		%
Yttrium	89-2				87		%
Zinc	66-2	5093.62	5043.94	5102.39	5079.98	0.62	ppb
Zirconium	90-1	499.95	499.97	498.14	499.35	0.21	ppb
Zirconium	91-1	488.63	505.54	498.08	497.42	1.70	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:00:01 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20169.36	19811.41	19688.07	19889.61	1.26	ppb
Antimony	121-1	986.89	1002.81	994.53	994.74	0.80	ppb
Arsenic	75-2	998.36	984.54	997.34	993.41	0.77	ppb
Barium	135-1	4944.44	5055.29	4961.77	4987.17	1.20	ppb
Barium	137-1	4936.74	4981.60	5018.61	4978.98	0.82	ppb
Beryllium	9-1	1009.27	985.92	1004.25	999.81	1.23	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	983.29	984.79	992.14	986.74	0.48	ppb
Cadmium	106-1	981.20	996.86	992.90	990.32	0.82	ppb
Cadmium	111-1	976.65	1000.23	988.13	988.34	1.19	ppb
Calcium	43-1	100237.63	100998.65	101194.75	100810.34	0.50	ppb
Calcium	44-1	100692.72	101234.65	101954.40	101293.92	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1001.33	987.15	1000.55	996.35	0.80	ppb
Cobalt	59-2	994.15	998.97	987.84	993.66	0.56	ppb
Copper	63-2	9922.76	9963.42	9864.92	9917.03	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	52352.98	52021.39	52619.63	52331.33	0.57	ppb
Iron	57-2	52174.16	51634.23	52176.62	51995.01	0.60	ppb
Iron	54-2	52973.01	52663.26	53077.56	52904.61	0.41	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:00:01 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4990.92	5038.98	4989.14	5006.35	0.56	ppb
Lead	207-1	4981.29	5013.30	4996.42	4997.01	0.32	ppb
Lead	208-1	4996.79	5016.35	4989.80	5000.98	0.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	100467.42	99640.98	99600.29	99902.90	0.49	ppb
Manganese	55-2	9962.79	9836.72	10046.91	9948.81	1.06	ppb
Molybdenum	94-1	10048.90	9996.95	9915.46	9987.10	0.67	ppb
Molybdenum	95-1	10048.03	9967.05	9872.09	9962.39	0.88	ppb
Molybdenum	96-1	10038.67	9991.23	9884.18	9971.36	0.79	ppb
Molybdenum	97-1	10014.91	10027.57	9926.33	9989.60	0.55	ppb
Molybdenum	98-1	10005.46	10055.13	9868.90	9976.50	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.20	989.36	987.35	990.64	0.41	ppb
Phosphorus	31-2	19918.27	19812.60	19944.40	19891.75	0.35	ppb
Potassium	39-2	49061.36	48693.32	49295.38	49016.69	0.62	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	994.77	991.57	984.47	990.27	0.53	ppb
Selenium	77-2	991.52	984.78	990.46	988.92	0.37	ppb
Selenium	78-2	1000.39	983.27	983.90	989.19	0.98	ppb
Silicon	28-1	989.20	990.42	989.40	989.67	0.07	ppb
Silver	107-1	970.67	1000.29	996.66	989.21	1.63	ppb
Silver	109-1	978.37	992.21	989.81	986.80	0.75	ppb
Sodium	23-2	101844.36	101002.45	101158.54	101335.11	0.44	ppb
Strontium	86-1	25141.54	25077.07	24736.25	24984.96	0.87	ppb
Strontium	88-1	25027.60	25040.90	24755.82	24941.44	0.65	ppb
Sulfur	34-1	19936.88	19983.92	20294.68	20071.83	0.97	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	990.83	1014.39	998.61	1001.28	1.20	ppb
Thallium	205-1	998.51	1008.39	993.86	1000.25	0.74	ppb
Tin	118-1	975.03	994.78	1005.50	991.77	1.56	ppb
Titanium	47-1	9944.59	9991.28	10073.15	10003.01	0.65	ppb

LB Number :

LB134279

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2025-01-08 11:00:01

DataFile Name :

011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1004.65	1014.92	994.52	1004.69	1.02	ppb
Vanadium	51-2	999.54	1003.84	992.34	998.57	0.58	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	9873.97	9895.34	9908.58	9892.63	0.18	ppb
Zirconium	90-1	995.06	1002.47	997.32	998.28	0.38	ppb
Zirconium	91-1	1000.67	1007.83	990.66	999.72	0.86	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:02:47 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99964.77	99456.10	100648.45	100023.10	0.60	ppb
Antimony	121-1	0.84	0.82	0.78	0.81	3.72	ppb
Arsenic	75-2	0.57	0.60	0.68	0.62	9.08	ppb
Barium	135-1	2.20	2.24	2.19	2.21	1.30	ppb
Barium	137-1	2.29	2.26	2.14	2.23	3.53	ppb
Beryllium	9-1	0.25	0.25	0.19	0.23	15.18	ppb
Bismuth	209-1				92		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.30	0.34	0.49	0.38	25.53	ppb
Cadmium	106-1	-4.25	-4.55	-4.00	-4.27		ppb
Cadmium	111-1	-0.13	-0.18	-0.12	-0.14		ppb
Calcium	43-1	496333.70	506046.22	496242.78	499540.90	1.13	ppb
Calcium	44-1	492525.81	505291.26	501184.74	499667.27	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.69	1.41	1.49	1.53	9.39	ppb
Cobalt	59-2	2.73	2.76	2.75	2.75	0.66	ppb
Copper	63-2	2.07	2.08	1.99	2.05	2.32	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				98		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	249416.52	249845.58	248671.43	249311.18	0.24	ppb
Iron	57-2	249432.10	249777.98	248942.04	249384.04	0.17	ppb
Iron	54-2	248073.93	251582.36	247787.50	249147.93	0.85	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:02:47 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.70	1.62	1.61	1.64	2.88	ppb
Lead	207-1	1.74	1.64	1.60	1.66	4.41	ppb
Lead	208-1	1.72	1.60	1.61	1.64	4.03	ppb
Lithium	6-1				101		%
Magnesium	24-2	497149.05	501809.32	500868.04	499942.14	0.49	ppb
Manganese	55-2	4.91	4.81	4.91	4.88	1.16	ppb
Molybdenum	94-1	2.86	2.51	2.42	2.60	8.99	ppb
Molybdenum	95-1	1.87	1.69	1.63	1.73	7.35	ppb
Molybdenum	96-1	3.62	3.48	3.47	3.52	2.38	ppb
Molybdenum	97-1	1.93	1.65	1.63	1.74	9.59	ppb
Molybdenum	98-1	1.84	1.59	1.44	1.62	12.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.59	4.52	4.49	4.53	1.20	ppb
Phosphorus	31-2	0.48	1.36	1.29	1.04	46.80	ppb
Potassium	39-2	250704.58	248801.16	251162.66	250222.80	0.50	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	1.18	0.69	0.81	0.90	28.44	ppb
Selenium	77-2	0.19	0.00	0.58	0.26	114.43	ppb
Selenium	78-2	-1.45	-0.44	-1.24	-1.04		ppb
Silicon	28-1	-9.53	-9.44	-9.50	-9.49		ppb
Silver	107-1	0.24	0.20	0.19	0.21	10.70	ppb
Silver	109-1	0.24	0.21	0.18	0.21	14.65	ppb
Sodium	23-2	500305.21	499888.78	498450.75	499548.25	0.19	ppb
Strontium	86-1	76.78	74.97	77.10	76.28	1.51	ppb
Strontium	88-1	75.50	75.01	75.72	75.41	0.48	ppb
Sulfur	34-1	-1041.99	-864.64	-728.50	-878.38		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.19	0.16	0.15	0.17	10.66	ppb
Thallium	205-1	0.18	0.16	0.15	0.16	7.53	ppb
Tin	118-1	0.23	0.21	0.19	0.21	9.89	ppb
Titanium	47-1	1.70	1.68	1.37	1.58	11.75	ppb

3

LB Number :	LB134279			Operator :	Jaswal		
Lab Sample ID :	ICV001			Instrumnet Name :	P7		
Client Sample ID :	ICV001			Dilution Factor :	1		
Date & Time Acquired :	2025-01-08 11:55:41			DataFile Name :	016ICV.d		
Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	454.68	459.20	455.75	456.54	0.52	ppb
Antimony	121-1	202.90	200.91	210.02	204.61	2.34	ppb
Arsenic	75-2	207.82	210.54	211.06	209.81	0.83	ppb
Barium	135-1	99.26	100.34	102.03	100.54	1.39	ppb
Barium	137-1	99.98	100.43	102.23	100.88	1.18	ppb
Beryllium	9-1	103.11	106.24	105.01	104.79	1.51	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	93.93	97.38	96.61	95.97	1.89	ppb
Cadmium	106-1	89.67	90.26	93.42	91.12	2.21	ppb
Cadmium	111-1	106.42	108.17	109.37	107.99	1.37	ppb
Calcium	43-1	1954.49	2015.64	1960.34	1976.83	1.71	ppb
Calcium	44-1	1949.54	1988.03	1977.55	1971.70	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.92	101.83	101.39	101.71	0.28	ppb
Cobalt	59-2	102.93	102.59	101.83	102.45	0.55	ppb
Copper	63-2	97.67	98.11	97.09	97.62	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	2053.23	2035.72	2039.54	2042.83	0.45	ppb
Iron	57-2	2083.60	2103.05	2089.79	2092.15	0.47	ppb
Iron	54-2	2209.20	2204.08	2186.28	2199.85	0.55	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:55:41 DataFile Name : 016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	202.64	202.08	199.26	201.32	0.90	ppb
Lead	207-1	184.45	183.96	183.72	184.04	0.20	ppb
Lead	208-1	194.90	196.10	193.16	194.72	0.76	ppb
Lithium	6-1				110		%
Magnesium	24-2	1148.82	1134.19	1138.15	1140.38	0.66	ppb
Manganese	55-2	99.21	99.20	98.22	98.88	0.57	ppb
Molybdenum	94-1	0.02	0.02	0.02	0.02	16.62	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	2500.77	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	13.65	ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	101.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.45	106.44	105.88	105.92	0.47	ppb
Phosphorus	31-2	-22.45	-17.84	-15.52	-18.60		ppb
Potassium	39-2	1960.70	1953.84	1948.89	1954.48	0.30	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	214.95	216.30	217.23	216.16	0.53	ppb
Selenium	77-2	201.57	221.92	229.66	217.72	6.66	ppb
Selenium	78-2	218.25	215.45	222.99	218.90	1.74	ppb
Silicon	28-1	-4.73	-4.50	-4.59	-4.61		ppb
Silver	107-1	51.33	51.74	52.23	51.77	0.88	ppb
Silver	109-1	50.93	51.69	52.02	51.55	1.09	ppb
Sodium	23-2	1909.46	1930.84	1889.39	1909.90	1.09	ppb
Strontium	86-1	5.89	5.47	5.62	5.66	3.78	ppb
Strontium	88-1	5.91	5.99	5.83	5.91	1.35	ppb
Sulfur	34-1	-369.09	-298.48	-420.36	-362.64		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	198.98	201.89	196.58	199.15	1.33	ppb
Thallium	205-1	196.04	197.70	196.14	196.63	0.47	ppb
Tin	118-1	-0.01	0.02	0.00	0.00	516.15	ppb
Titanium	47-1	-0.01	-0.03	0.00	-0.02		ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:55:41 DataFile Name : 016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	98.08	97.05	97.78	97.64	0.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	197.95	199.94	198.57	198.82	0.51	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	61.66	ppb
Zirconium	91-1	0.05	0.03	0.05	0.04	24.78	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:00:19 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.01	0.24	0.08	160.66	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	6.59	ppb
Arsenic	75-2	0.02	0.01	0.02	0.02	57.10	ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.05	0.00	0.01	0.02	140.74	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	0.07	-0.06	-0.01		ppb
Cadmium	106-1	-3.80	-3.73	-3.74	-3.76		ppb
Cadmium	111-1	-0.27	-0.27	-0.26	-0.27		ppb
Calcium	43-1	-5.12	-11.43	-7.40	-7.98		ppb
Calcium	44-1	-8.98	-10.98	-10.73	-10.23		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	-0.01	0.01	197.26	ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	89.78	ppb
Copper	63-2	-0.19	-0.24	-0.19	-0.21		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				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	0.92	0.77	0.88	0.86	9.19	ppb
Iron	57-2	0.19	-0.46	0.07	-0.07		ppb
Iron	54-2	0.78	0.61	1.12	0.84	30.90	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:00:19 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.00	0.00	102.51	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	314.20	ppb
Lead	208-1	0.01	0.00	0.00	0.00	262.74	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.35	0.52	0.20	0.36	45.67	ppb
Manganese	55-2	-0.05	-0.06	-0.05	-0.05		ppb
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.03	-0.02	-0.02		ppb
Molybdenum	98-1	-0.01	-0.02	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.18	-0.18	-0.16		ppb
Phosphorus	31-2	-17.42	-16.73	-20.18	-18.11		ppb
Potassium	39-2	-9.15	-9.27	-7.50	-8.64		ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.06	0.25	-0.11	0.07	269.30	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.01	-0.67	-0.49	-1.06		ppb
Silicon	28-1	-3.51	-4.44	-3.48	-3.81		ppb
Silver	107-1	0.02	0.01	0.01	0.01	16.31	ppb
Silver	109-1	0.02	0.01	0.01	0.01	49.18	ppb
Sodium	23-2	2.66	3.54	2.31	2.83	22.30	ppb
Strontium	86-1	-0.02	-0.32	-0.31	-0.22		ppb
Strontium	88-1	-0.04	-0.08	-0.11	-0.08		ppb
Sulfur	34-1	-336.07	-379.53	-368.30	-361.30		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.01	0.01	0.02	21.69	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	35.30	ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.01	-0.02	-0.01	-0.01		ppb

LB Number :

LB134279

Operator :

Jaswal

Lab Sample ID :

ICB001

Instrumnet Name :

P7

Client Sample ID :

ICB001

Dilution Factor :

1

Date & Time Acquired :

2025-01-08 12:00:19

DataFile Name :

017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	41.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	-0.49	-0.54	-0.43	-0.49		ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	5895.97	ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:03:33 DataFile Name : 018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90653.99	91616.45	91024.87	91098.43	0.53	ppb
Antimony	121-1	1.11	1.12	1.13	1.12	1.03	ppb
Arsenic	75-2	0.22	0.37	0.38	0.32	27.74	ppb
Barium	135-1	1.41	1.39	1.44	1.41	1.91	ppb
Barium	137-1	1.43	1.43	1.40	1.42	1.09	ppb
Beryllium	9-1	0.25	0.31	0.24	0.27	14.04	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.70	9.51	8.39	8.86	6.50	ppb
Cadmium	106-1	-6.11	-7.77	-7.95	-7.28		ppb
Cadmium	111-1	-0.02	-0.30	-0.28	-0.20		ppb
Calcium	43-1	99284.17	100766.82	101230.69	100427.23	1.01	ppb
Calcium	44-1	100594.06	100908.62	101056.26	100852.98	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.35	20.56	20.47	20.46	0.53	ppb
Cobalt	59-2	1.25	1.36	1.35	1.32	4.62	ppb
Copper	63-2	7.09	7.30	7.22	7.20	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	105015.57	105510.97	104781.68	105102.74	0.35	ppb
Iron	57-2	102956.97	103525.97	103686.22	103389.72	0.37	ppb
Iron	54-2	104324.29	105693.60	105776.68	105264.86	0.77	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:03:33 DataFile Name : 018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.02	4.91	4.69	4.87	3.42	ppb
Lead	207-1	4.39	4.36	4.33	4.36	0.71	ppb
Lead	208-1	4.67	4.59	4.42	4.56	2.81	ppb
Lithium	6-1				106		%
Magnesium	24-2	97853.24	99077.36	98307.73	98412.78	0.63	ppb
Manganese	55-2	7.85	7.96	8.00	7.94	0.96	ppb
Molybdenum	94-1	1604.99	1593.33	1625.14	1607.82	1.00	ppb
Molybdenum	95-1	1980.61	1952.69	1993.32	1975.54	1.05	ppb
Molybdenum	96-1	1950.60	1903.84	1953.23	1935.89	1.44	ppb
Molybdenum	97-1	1970.20	1932.44	1993.25	1965.30	1.56	ppb
Molybdenum	98-1	1994.39	1941.87	1982.30	1972.85	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.24	5.38	5.36	5.33	1.35	ppb
Phosphorus	31-2	100971.89	101239.49	101455.18	101222.19	0.24	ppb
Potassium	39-2	97003.25	97184.17	97164.88	97117.43	0.10	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	0.32	-0.16	-0.03	0.04	592.25	ppb
Selenium	77-2	0.19	0.19	0.19	0.19	0.34	ppb
Selenium	78-2	-1.32	-1.61	-0.72	-1.21		ppb
Silicon	28-1	-9.65	-9.93	-9.87	-9.82		ppb
Silver	107-1	0.06	0.04	0.04	0.05	30.86	ppb
Silver	109-1	0.07	0.04	0.04	0.05	30.97	ppb
Sodium	23-2	98707.06	99414.57	99236.33	99119.32	0.37	ppb
Strontium	86-1	851.50	849.51	869.65	856.89	1.30	ppb
Strontium	88-1	858.87	840.91	864.63	854.80	1.45	ppb
Sulfur	34-1	108987.61	108556.36	108614.86	108719.61	0.22	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.10	0.09	0.09	3.21	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	8.31	ppb
Tin	118-1	0.21	0.20	0.21	0.21	1.86	ppb
Titanium	47-1	2011.92	2038.89	2032.21	2027.67	0.69	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:03:33 DataFile Name : 018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	28.60	ppb
Vanadium	51-2	0.21	0.19	0.22	0.21	6.50	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	10.99	10.98	11.22	11.07	1.22	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	72.64	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	25.79	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:06:37 DataFile Name : 019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90841.50	90754.28	90146.74	90580.84	0.42	ppb
Antimony	121-1	21.95	21.85	22.26	22.02	0.97	ppb
Arsenic	75-2	21.06	20.93	21.27	21.09	0.82	ppb
Barium	135-1	22.01	21.75	22.58	22.11	1.91	ppb
Barium	137-1	22.21	21.88	22.39	22.16	1.16	ppb
Beryllium	9-1	20.33	20.83	20.67	20.61	1.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	26.22	27.24	26.22	26.56	2.21	ppb
Cadmium	106-1	13.09	10.36	13.29	12.25	13.36	ppb
Cadmium	111-1	20.87	20.01	20.65	20.51	2.20	ppb
Calcium	43-1	100010.57	101994.08	100574.86	100859.84	1.01	ppb
Calcium	44-1	100007.23	100898.01	100628.96	100511.40	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.44	41.39	41.56	41.46	0.22	ppb
Cobalt	59-2	22.21	22.20	22.15	22.19	0.14	ppb
Copper	63-2	26.91	26.62	26.55	26.69	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	107079.90	106361.37	105442.85	106294.71	0.77	ppb
Iron	57-2	105344.38	103918.78	104894.06	104719.07	0.70	ppb
Iron	54-2	106543.15	105618.71	106059.15	106073.67	0.44	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:06:37 DataFile Name : 019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.68	25.73	25.76	25.73	0.16	ppb
Lead	207-1	24.10	24.43	24.35	24.29	0.72	ppb
Lead	208-1	24.69	24.87	24.91	24.82	0.48	ppb
Lithium	6-1				107		%
Magnesium	24-2	98899.06	98569.00	98358.57	98608.88	0.28	ppb
Manganese	55-2	28.50	28.77	28.41	28.56	0.66	ppb
Molybdenum	94-1	1599.95	1620.90	1597.31	1606.05	0.80	ppb
Molybdenum	95-1	1958.04	2014.35	1972.78	1981.72	1.47	ppb
Molybdenum	96-1	1936.69	1956.36	1947.29	1946.78	0.51	ppb
Molybdenum	97-1	1987.73	2003.03	2000.15	1996.97	0.41	ppb
Molybdenum	98-1	1979.70	1984.42	1982.03	1982.05	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.83	26.10	26.23	26.39	1.48	ppb
Phosphorus	31-2	101379.52	102089.72	101181.63	101550.29	0.47	ppb
Potassium	39-2	98150.60	97967.74	96772.85	97630.40	0.77	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	20.51	20.26	21.75	20.84	3.81	ppb
Selenium	77-2	18.15	20.14	21.72	20.00	8.95	ppb
Selenium	78-2	18.97	21.52	18.55	19.68	8.15	ppb
Silicon	28-1	-9.83	-9.78	-9.74	-9.79		ppb
Silver	107-1	19.92	19.82	20.26	20.00	1.16	ppb
Silver	109-1	19.99	19.97	20.19	20.05	0.60	ppb
Sodium	23-2	100436.46	99847.00	100126.83	100136.76	0.29	ppb
Strontium	86-1	868.63	871.95	865.06	868.55	0.40	ppb
Strontium	88-1	858.91	873.04	873.23	868.39	0.95	ppb
Sulfur	34-1	107206.48	108649.19	110020.20	108625.29	1.30	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	20.86	20.92	20.99	20.93	0.31	ppb
Thallium	205-1	20.76	20.92	21.01	20.90	0.61	ppb
Tin	118-1	0.14	0.13	0.14	0.14	4.09	ppb
Titanium	47-1	2007.28	2033.08	2011.26	2017.21	0.69	ppb

LB Number :

LB134279

Operator :

Jaswal

Lab Sample ID :

ICSAB001

Instrumnet Name :

P7

Client Sample ID :

ICSAB001

Dilution Factor :

1

Date & Time Acquired :

2025-01-08 12:06:37

DataFile Name :

019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.01	0.00	5.22	ppb
Vanadium	51-2	20.66	20.70	20.40	20.59	0.80	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	32.43	32.02	31.35	31.93	1.70	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	34.19	ppb
Zirconium	91-1	0.00	0.00	0.01	0.01	125.69	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:09:41 DataFile Name : 020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50048.10	50233.14	52603.97	50961.74	2.80	ppb
Antimony	121-1	489.44	484.44	490.15	488.01	0.64	ppb
Arsenic	75-2	494.95	492.95	515.06	500.99	2.44	ppb
Barium	135-1	2490.94	2464.85	2474.80	2476.86	0.53	ppb
Barium	137-1	2501.56	2428.41	2476.52	2468.83	1.51	ppb
Beryllium	9-1	469.36	486.80	480.11	478.76	1.84	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	479.75	477.56	486.99	481.43	1.03	ppb
Cadmium	106-1	480.10	473.16	480.96	478.07	0.89	ppb
Cadmium	111-1	477.42	474.40	477.76	476.53	0.39	ppb
Calcium	43-1	247461.10	252248.78	250311.70	250007.19	0.96	ppb
Calcium	44-1	247972.33	253122.47	251554.44	250883.08	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.71	498.39	526.58	505.89	3.59	ppb
Cobalt	59-2	490.91	492.59	510.74	498.08	2.21	ppb
Copper	63-2	4745.45	4794.05	5020.12	4853.21	3.02	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				110		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	129076.03	130933.47	136889.58	132299.69	3.09	ppb
Iron	57-2	129152.26	129314.17	134198.77	130888.40	2.19	ppb
Iron	54-2	129099.65	130415.05	136751.05	132088.58	3.10	ppb
Krypton	83-1						cps

LB Number :	LB134279	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2025-01-08 12:09:41	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2487.28	2542.74	2541.81	2523.94	1.26	ppb
Lead	207-1	2478.55	2543.56	2535.73	2519.28	1.41	ppb
Lead	208-1	2484.50	2540.31	2534.92	2519.91	1.22	ppb
Lithium	6-1				104		%
Magnesium	24-2	251332.30	253588.74	265066.85	256662.63	2.87	ppb
Manganese	55-2	4877.33	4933.98	5132.29	4981.20	2.69	ppb
Molybdenum	94-1	4896.47	4974.05	4931.47	4934.00	0.79	ppb
Molybdenum	95-1	4925.33	4964.58	4914.70	4934.87	0.53	ppb
Molybdenum	96-1	4892.74	4956.51	4946.60	4931.95	0.70	ppb
Molybdenum	97-1	4892.28	4981.80	4933.16	4935.75	0.91	ppb
Molybdenum	98-1	4903.77	4986.67	4900.70	4930.38	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.92	483.34	504.75	489.01	2.83	ppb
Phosphorus	31-2	9867.44	9976.50	10479.28	10107.74	3.23	ppb
Potassium	39-2	123223.39	124148.49	128007.85	125126.58	2.03	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	82-1	475.65	482.33	478.20	478.72	0.70	ppb
Selenium	77-2	506.64	481.35	511.87	499.96	3.26	ppb
Selenium	78-2	491.10	471.12	503.57	488.59	3.35	ppb
Silicon	28-1	464.74	474.40	470.20	469.78	1.03	ppb
Silver	107-1	476.58	474.37	477.82	476.26	0.37	ppb
Silver	109-1	481.40	478.03	482.46	480.63	0.48	ppb
Sodium	23-2	250777.01	250620.19	264952.82	255450.01	3.22	ppb
Strontium	86-1	12329.06	12256.31	12623.66	12403.01	1.57	ppb
Strontium	88-1	12323.01	12402.89	12336.76	12354.22	0.35	ppb
Sulfur	34-1	9321.18	9683.57	9587.02	9530.59	1.97	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	499.44	511.60	513.14	508.06	1.48	ppb
Thallium	205-1	491.97	509.99	508.93	503.63	2.01	ppb
Tin	118-1	494.54	483.48	485.66	487.89	1.20	ppb
Titanium	47-1	4890.03	4966.07	4911.58	4922.56	0.80	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:09:41 DataFile Name : 020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	505.00	513.02	509.58	509.20	0.79	ppb
Vanadium	51-2	494.09	500.99	525.75	506.95	3.28	ppb
Yttrium	89-1				99		%
Yttrium	89-2				91		%
Zinc	66-2	4661.06	4711.37	4945.51	4772.65	3.18	ppb
Zirconium	90-1	489.50	496.72	495.21	493.81	0.77	ppb
Zirconium	91-1	494.56	498.26	491.76	494.86	0.66	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:12:24 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.66	8.12	7.65	8.14	6.19	ppb
Antimony	121-1	0.19	0.16	0.15	0.17	10.47	ppb
Arsenic	75-2	0.04	0.04	0.03	0.04	10.76	ppb
Barium	135-1	0.34	0.34	0.27	0.32	13.53	ppb
Barium	137-1	0.32	0.32	0.28	0.31	8.47	ppb
Beryllium	9-1	0.12	0.09	0.06	0.09	34.94	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.18	0.04	-0.06	0.05	224.59	ppb
Cadmium	106-1	-6.45	-5.20	-6.18	-5.94		ppb
Cadmium	111-1	-0.39	-0.30	-0.38	-0.36		ppb
Calcium	43-1	41.40	33.80	25.95	33.72	22.92	ppb
Calcium	44-1	36.00	30.16	23.79	29.98	20.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.06	0.02	0.07	68.37	ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	16.79	ppb
Copper	63-2	0.47	0.36	0.34	0.39	17.69	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				110		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	17.63	15.95	14.76	16.11	8.95	ppb
Iron	57-2	12.80	12.11	14.30	13.07	8.59	ppb
Iron	54-2	17.07	16.14	15.12	16.11	6.06	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:12:24 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.39	0.40	0.31	0.37	12.57	ppb
Lead	207-1	0.42	0.36	0.31	0.36	15.34	ppb
Lead	208-1	0.40	0.38	0.31	0.36	13.96	ppb
Lithium	6-1				110		%
Magnesium	24-2	25.08	23.02	20.86	22.99	9.18	ppb
Manganese	55-2	0.32	0.32	0.29	0.31	5.29	ppb
Molybdenum	94-1	0.98	0.89	0.76	0.88	12.82	ppb
Molybdenum	95-1	0.92	0.82	0.73	0.82	11.85	ppb
Molybdenum	96-1	0.95	0.83	0.79	0.86	9.97	ppb
Molybdenum	97-1	0.98	0.88	0.76	0.87	12.50	ppb
Molybdenum	98-1	0.90	0.91	0.75	0.85	10.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.10	-0.03	-0.08		ppb
Phosphorus	31-2	-11.73	-15.94	-18.13	-15.27		ppb
Potassium	39-2	5.96	8.07	6.15	6.72	17.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	-0.15	0.00	0.04	-0.04		ppb
Selenium	77-2	0.19	0.00	0.00	0.06	173.21	ppb
Selenium	78-2	-1.54	-0.50	-0.97	-1.00		ppb
Silicon	28-1	-11.12	-11.28	-11.16	-11.18		ppb
Silver	107-1	0.12	0.11	0.10	0.11	8.55	ppb
Silver	109-1	0.14	0.12	0.09	0.12	23.60	ppb
Sodium	23-2	63.20	61.94	58.36	61.17	4.11	ppb
Strontium	86-1	0.87	1.17	1.18	1.08	16.27	ppb
Strontium	88-1	1.85	1.60	1.46	1.63	12.17	ppb
Sulfur	34-1	-958.78	-1068.26	-944.39	-990.47		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.12	0.12	0.12	3.83	ppb
Thallium	205-1	0.13	0.11	0.10	0.11	13.58	ppb
Tin	118-1	0.09	0.08	0.07	0.08	14.01	ppb
Titanium	47-1	0.86	0.80	0.78	0.81	4.84	ppb

LB Number :LB134279

Operator :Jaswal

Lab Sample ID :CCB001

Instrumnet Name :P7

Client Sample ID :CCB001

Dilution Factor :1

Date & Time Acquired :2025-01-08 12:12:24

DataFile Name :021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.05	0.04	0.05	17.58	ppb
Vanadium	51-2	0.04	0.03	0.03	0.03	15.73	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	0.03	0.03	-0.23	-0.05		ppb
Zirconium	90-1	0.11	0.10	0.08	0.10	13.31	ppb
Zirconium	91-1	0.10	0.12	0.07	0.10	26.17	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BL Instrumnet Name : P7
Client Sample ID : PBS079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:15:39 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.17	1.38	1.09	1.21	12.27	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	1.55	ppb
Arsenic	75-2	0.02	0.03	0.01	0.02	34.18	ppb
Barium	135-1	0.06	0.04	0.04	0.04	28.55	ppb
Barium	137-1	0.07	0.05	0.03	0.05	43.73	ppb
Beryllium	9-1	0.05	0.02	0.01	0.03	78.68	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.08	-0.01	0.04	122.64	ppb
Cadmium	106-1	-3.72	-3.00	-5.27	-4.00		ppb
Cadmium	111-1	-0.27	-0.21	-0.36	-0.28		ppb
Calcium	43-1	0.03	-5.56	-4.31	-3.28		ppb
Calcium	44-1	-3.18	-6.26	-8.07	-5.84		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.01	0.02	0.01	188.36	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	130.14	ppb
Copper	63-2	0.02	0.00	0.01	0.01	139.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	4.05	3.94	3.41	3.80	9.08	ppb
Iron	57-2	1.42	1.10	1.01	1.18	18.50	ppb
Iron	54-2	3.54	4.20	3.42	3.72	11.34	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BL Instrumnet Name : P7
Client Sample ID : PBS079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:15:39 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.09	0.05	0.07	33.71	ppb
Lead	207-1	0.10	0.07	0.07	0.08	20.16	ppb
Lead	208-1	0.09	0.07	0.06	0.07	21.11	ppb
Lithium	6-1				110		%
Magnesium	24-2	4.31	3.94	3.54	3.93	9.73	ppb
Manganese	55-2	0.04	0.03	0.02	0.03	45.72	ppb
Molybdenum	94-1	0.16	0.15	0.13	0.15	11.27	ppb
Molybdenum	95-1	0.18	0.14	0.13	0.15	14.83	ppb
Molybdenum	96-1	0.18	0.15	0.12	0.15	20.79	ppb
Molybdenum	97-1	0.18	0.12	0.13	0.14	24.52	ppb
Molybdenum	98-1	0.17	0.15	0.12	0.15	17.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.08	-0.07	-0.10		ppb
Phosphorus	31-2	-17.02	-15.16	-20.97	-17.72		ppb
Potassium	39-2	-10.53	-11.53	-11.67	-11.25		ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	-0.21	0.04	-0.09	-0.09		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.58	-0.84	-1.10	-1.17		ppb
Silicon	28-1	-11.12	-11.13	-11.33	-11.20		ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.64	ppb
Silver	109-1	0.02	0.02	0.02	0.02	16.57	ppb
Sodium	23-2	26.06	27.19	24.95	26.07	4.31	ppb
Strontium	86-1	-0.44	0.14	-0.23	-0.17		ppb
Strontium	88-1	0.30	0.21	0.13	0.21	41.41	ppb
Sulfur	34-1	-817.20	-866.18	-876.52	-853.30		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.04	0.04	0.04	9.16	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	9.13	ppb
Tin	118-1	0.02	0.00	0.01	0.01	99.11	ppb
Titanium	47-1	0.16	0.17	0.08	0.14	37.40	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BL Instrumnet Name : P7
Client Sample ID : PBS079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:15:39 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	1380.76	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	58.40	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	-0.43	-0.50	-0.46	-0.46		ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	15.81	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	77.18	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BS Instrumnet Name : P7
Client Sample ID : LCS079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:18:57 DataFile Name : 023PB166079BSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.13	38.55	40.34	39.01	3.01	ppb
Antimony	121-1	4.13	4.12	4.10	4.12	0.32	ppb
Arsenic	75-2	2.20	2.22	2.32	2.25	2.87	ppb
Barium	135-1	19.95	19.79	19.80	19.85	0.46	ppb
Barium	137-1	19.74	19.73	19.78	19.75	0.15	ppb
Beryllium	9-1	2.05	1.99	2.05	2.03	1.77	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.23	1.81	1.89	1.97	11.34	ppb
Cadmium	106-1	-1.54	-3.20	-3.72	-2.82		ppb
Cadmium	111-1	1.90	1.78	1.80	1.83	3.59	ppb
Calcium	43-1	1020.89	995.37	1027.56	1014.61	1.67	ppb
Calcium	44-1	1015.47	1021.22	1021.68	1019.46	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.92	3.93	4.02	3.96	1.49	ppb
Cobalt	59-2	2.08	2.08	2.13	2.10	1.47	ppb
Copper	63-2	4.13	4.10	4.15	4.13	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	433.68	436.28	439.39	436.45	0.65	ppb
Iron	57-2	431.33	440.94	447.98	440.08	1.90	ppb
Iron	54-2	444.66	445.53	451.79	447.32	0.87	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BS Instrumnet Name : P7
Client Sample ID : LCS079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:18:57 DataFile Name : 023PB166079BSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.93	1.97	1.95	1.95	1.02	ppb
Lead	207-1	1.95	1.94	1.91	1.93	0.92	ppb
Lead	208-1	1.94	1.97	1.94	1.95	0.97	ppb
Lithium	6-1				111		%
Magnesium	24-2	976.85	974.73	973.18	974.92	0.19	ppb
Manganese	55-2	1.92	1.97	1.96	1.95	1.32	ppb
Molybdenum	94-1	11.74	11.66	11.92	11.77	1.13	ppb
Molybdenum	95-1	9.65	9.88	9.84	9.79	1.21	ppb
Molybdenum	96-1	9.82	10.01	10.13	9.99	1.57	ppb
Molybdenum	97-1	10.07	9.95	9.87	9.97	1.01	ppb
Molybdenum	98-1	9.68	9.68	9.82	9.73	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.96	1.91	2.13	2.00	5.70	ppb
Phosphorus	31-2	23.62	37.68	28.34	29.88	23.95	ppb
Potassium	39-2	998.01	997.16	1007.37	1000.85	0.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	11.08	10.80	10.53	10.80	2.54	ppb
Selenium	77-2	13.54	10.35	11.32	11.74	13.96	ppb
Selenium	78-2	9.80	10.22	9.64	9.89	3.07	ppb
Silicon	28-1	-9.80	-9.64	-9.49	-9.64		ppb
Silver	107-1	2.07	2.11	2.08	2.09	1.00	ppb
Silver	109-1	2.10	2.11	2.12	2.11	0.30	ppb
Sodium	23-2	958.53	970.48	974.21	967.74	0.85	ppb
Strontium	86-1	50.68	48.35	48.30	49.11	2.76	ppb
Strontium	88-1	49.67	50.38	49.59	49.88	0.87	ppb
Sulfur	34-1	-795.40	-688.40	-703.94	-729.25		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	1.96	1.93	1.94	1.94	0.81	ppb
Thallium	205-1	1.90	1.95	1.91	1.92	1.43	ppb
Tin	118-1	10.39	10.36	10.32	10.36	0.38	ppb
Titanium	47-1	2.44	2.24	2.42	2.37	4.72	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BS Instrumnet Name : P7
Client Sample ID : LCS079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:18:57 DataFile Name : 023PB166079BSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.74	1.79	1.76	1.76	1.33	ppb
Vanadium	51-2	10.12	9.98	10.23	10.11	1.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	10.06	9.81	9.87	9.91	1.31	ppb
Zirconium	90-1	1.93	1.96	1.97	1.95	1.23	ppb
Zirconium	91-1	1.89	1.93	2.05	1.96	4.32	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BSD Instrumnet Name : P7
Client Sample ID : LCSD079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:22:11 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.02	20.02	20.11	20.05	0.26	ppb
Antimony	121-1	2.05	2.07	2.04	2.05	0.90	ppb
Arsenic	75-2	1.12	1.01	1.03	1.05	5.28	ppb
Barium	135-1	9.98	9.87	9.86	9.90	0.65	ppb
Barium	137-1	9.94	9.95	9.82	9.90	0.73	ppb
Beryllium	9-1	0.97	1.08	1.04	1.03	5.36	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.17	1.22	0.93	1.11	14.22	ppb
Cadmium	106-1	-1.74	-2.66	-5.49	-3.30		ppb
Cadmium	111-1	0.89	0.80	0.62	0.77	18.23	ppb
Calcium	43-1	511.72	511.49	501.26	508.15	1.18	ppb
Calcium	44-1	508.30	511.79	504.84	508.31	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	1.99	2.06	2.04	2.20	ppb
Cobalt	59-2	1.04	1.07	1.07	1.06	1.43	ppb
Copper	63-2	2.06	2.03	2.02	2.04	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	219.45	219.75	219.98	219.73	0.12	ppb
Iron	57-2	216.16	219.00	229.82	221.66	3.25	ppb
Iron	54-2	223.13	224.90	223.03	223.68	0.47	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BSD Instrumnet Name : P7
Client Sample ID : LCSD079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:22:11 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	0.96	1.00	0.98	2.21	ppb
Lead	207-1	0.94	0.96	0.96	0.96	1.17	ppb
Lead	208-1	0.94	0.96	0.97	0.96	1.69	ppb
Lithium	6-1				111		%
Magnesium	24-2	490.48	489.25	495.98	491.90	0.73	ppb
Manganese	55-2	0.93	0.94	0.94	0.94	0.97	ppb
Molybdenum	94-1	5.65	5.81	5.78	5.75	1.48	ppb
Molybdenum	95-1	4.84	4.91	4.96	4.90	1.23	ppb
Molybdenum	96-1	4.96	4.92	5.07	4.98	1.54	ppb
Molybdenum	97-1	4.88	5.10	4.94	4.97	2.29	ppb
Molybdenum	98-1	4.91	4.95	4.90	4.92	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.08	0.96	1.01	6.36	ppb
Phosphorus	31-2	10.07	0.22	0.73	3.67	151.08	ppb
Potassium	39-2	495.47	504.26	502.64	500.79	0.93	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	5.37	4.80	5.47	5.21	6.96	ppb
Selenium	77-2	5.48	6.43	4.41	5.44	18.61	ppb
Selenium	78-2	3.72	4.60	4.82	4.38	13.24	ppb
Silicon	28-1	-10.07	-9.92	-10.18	-10.06		ppb
Silver	107-1	1.07	1.03	1.05	1.05	2.01	ppb
Silver	109-1	1.06	1.08	1.02	1.05	2.61	ppb
Sodium	23-2	486.80	496.09	497.22	493.37	1.16	ppb
Strontium	86-1	23.45	24.25	24.16	23.96	1.83	ppb
Strontium	88-1	24.73	24.79	24.77	24.76	0.13	ppb
Sulfur	34-1	-565.70	-569.81	-577.31	-570.94		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.97	1.00	0.98	0.99	1.58	ppb
Thallium	205-1	0.96	0.95	0.98	0.96	1.35	ppb
Tin	118-1	5.19	5.29	5.12	5.20	1.59	ppb
Titanium	47-1	1.19	1.22	1.26	1.22	3.02	ppb

LB Number :

LB134279

Operator :

Jaswal

Lab Sample ID :

PB166079BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD079

Dilution Factor :

1

Date & Time Acquired :

2025-01-08 12:22:11

DataFile Name :

024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.85	0.87	0.86	0.93	ppb
Vanadium	51-2	5.05	5.18	5.13	5.12	1.26	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	4.60	4.91	4.80	4.77	3.33	ppb
Zirconium	90-1	0.98	0.99	0.97	0.98	1.09	ppb
Zirconium	91-1	0.98	0.96	0.99	0.98	1.20	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : P4317-08 Instrumnet Name : P7
Client Sample ID : MYDB99 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:34:18 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34924.16	34690.71	34533.75	34716.21	0.57	ppb
Antimony	121-1	0.87	0.84	0.84	0.85	1.85	ppb
Arsenic	75-2	114.87	112.62	115.61	114.37	1.36	ppb
Barium	135-1	284.85	284.35	289.15	286.11	0.92	ppb
Barium	137-1	283.45	280.18	287.43	283.69	1.28	ppb
Beryllium	9-1	1.14	1.18	1.16	1.16	1.77	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.79	1.82	1.87	1.83	2.18	ppb
Cadmium	106-1	0.20	-0.16	-0.55	-0.17		ppb
Cadmium	111-1	0.79	0.73	0.67	0.73	7.74	ppb
Calcium	43-1	34594.29	34221.69	34512.28	34442.75	0.57	ppb
Calcium	44-1	33306.53	33320.14	33498.24	33374.97	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.52	124.38	124.31	124.40	0.08	ppb
Cobalt	59-2	54.16	53.85	53.71	53.91	0.43	ppb
Copper	63-2	221.60	221.15	219.80	220.85	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				112		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	96977.06	95441.43	95639.71	96019.40	0.87	ppb
Iron	57-2	94793.65	94205.12	93663.56	94220.78	0.60	ppb
Iron	54-2	96777.02	95860.02	96242.68	96293.24	0.48	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : P4317-08 Instrumnet Name : P7
Client Sample ID : MYDB99 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:34:18 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	182.83	182.99	184.86	183.56	0.62	ppb
Lead	207-1	168.71	171.79	170.32	170.27	0.90	ppb
Lead	208-1	177.05	180.38	179.81	179.08	0.99	ppb
Lithium	6-1				111		%
Magnesium	24-2	22443.48	22534.65	22276.85	22418.33	0.58	ppb
Manganese	55-2	1944.24	1912.23	1914.97	1923.81	0.92	ppb
Molybdenum	94-1	16.88	16.92	16.78	16.86	0.45	ppb
Molybdenum	95-1	1.25	1.30	1.29	1.28	1.89	ppb
Molybdenum	96-1	3.74	3.76	3.65	3.71	1.58	ppb
Molybdenum	97-1	1.24	1.24	1.25	1.25	0.31	ppb
Molybdenum	98-1	1.21	1.19	1.19	1.20	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.68	93.43	92.91	93.34	0.42	ppb
Phosphorus	31-2	2011.87	1945.29	1997.55	1984.90	1.77	ppb
Potassium	39-2	6697.06	6643.64	6735.73	6692.14	0.69	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.33	0.95	0.62	0.64	48.65	ppb
Selenium	77-2	10.53	7.57	8.72	8.94	16.73	ppb
Selenium	78-2	1.18	0.47	0.69	0.78	46.54	ppb
Silicon	28-1	3.81	3.12	3.09	3.34	12.18	ppb
Silver	107-1	0.32	0.31	0.32	0.31	1.93	ppb
Silver	109-1	0.31	0.30	0.32	0.31	3.14	ppb
Sodium	23-2	360.10	359.02	362.19	360.44	0.45	ppb
Strontium	86-1	2721.74	2725.31	2745.87	2730.97	0.48	ppb
Strontium	88-1	2744.26	2771.55	2726.39	2747.40	0.83	ppb
Sulfur	34-1	-483.23	-665.83	-613.55	-587.54		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.27	0.28	0.29	0.28	4.21	ppb
Thallium	205-1	0.28	0.29	0.27	0.28	3.94	ppb
Tin	118-1	5.84	5.86	6.01	5.91	1.55	ppb
Titanium	47-1	736.42	733.88	731.33	733.88	0.35	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : P4317-08 Instrumnet Name : P7
Client Sample ID : MYDB99 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:34:18 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.90	0.91	0.90	1.66	ppb
Vanadium	51-2	229.33	230.15	228.04	229.17	0.46	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	311.05	308.70	309.21	309.65	0.40	ppb
Zirconium	90-1	8.59	8.59	8.61	8.60	0.10	ppb
Zirconium	91-1	8.46	8.81	8.63	8.64	2.03	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:37:22 DataFile Name : 026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50367.31	49817.76	50090.95	50092.01	0.55	ppb
Antimony	121-1	479.09	481.82	484.50	481.80	0.56	ppb
Arsenic	75-2	484.05	492.92	480.72	485.90	1.30	ppb
Barium	135-1	2457.59	2479.19	2479.96	2472.25	0.51	ppb
Barium	137-1	2431.72	2469.48	2449.18	2450.13	0.77	ppb
Beryllium	9-1	469.42	478.21	482.55	476.73	1.40	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	476.39	476.47	483.93	478.93	0.90	ppb
Cadmium	106-1	471.63	480.23	489.62	480.49	1.87	ppb
Cadmium	111-1	470.65	476.98	479.02	475.55	0.92	ppb
Calcium	43-1	249136.17	250697.06	248549.67	249460.96	0.44	ppb
Calcium	44-1	249600.17	250272.05	252484.26	250785.49	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.16	494.62	492.81	494.53	0.34	ppb
Cobalt	59-2	483.70	483.97	485.51	484.39	0.20	ppb
Copper	63-2	4751.30	4705.34	4735.34	4730.66	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	129597.11	128775.64	128078.66	128817.14	0.59	ppb
Iron	57-2	128506.73	128910.44	126952.64	128123.27	0.81	ppb
Iron	54-2	128535.13	128881.10	127905.65	128440.63	0.39	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:37:22 DataFile Name : 026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2473.43	2551.05	2539.42	2521.30	1.66	ppb
Lead	207-1	2459.10	2532.19	2537.04	2509.44	1.74	ppb
Lead	208-1	2483.51	2547.91	2530.64	2520.69	1.32	ppb
Lithium	6-1				107		%
Magnesium	24-2	253150.46	252486.31	253044.17	252893.64	0.14	ppb
Manganese	55-2	4889.21	4853.26	4833.17	4858.54	0.58	ppb
Molybdenum	94-1	4908.49	4909.95	4974.65	4931.03	0.77	ppb
Molybdenum	95-1	4917.12	4917.13	4960.84	4931.70	0.51	ppb
Molybdenum	96-1	4951.99	4927.24	4961.46	4946.90	0.36	ppb
Molybdenum	97-1	4920.96	4888.06	4980.46	4929.83	0.95	ppb
Molybdenum	98-1	4933.40	4877.97	4982.44	4931.27	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.87	476.67	473.80	477.78	0.97	ppb
Phosphorus	31-2	9935.35	9763.76	9987.04	9895.38	1.18	ppb
Potassium	39-2	122491.51	121294.27	123275.37	122353.72	0.82	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	82-1	479.56	476.44	480.68	478.89	0.46	ppb
Selenium	77-2	480.49	463.03	481.96	475.16	2.22	ppb
Selenium	78-2	476.28	479.60	467.62	474.50	1.30	ppb
Silicon	28-1	474.41	474.02	473.77	474.07	0.07	ppb
Silver	107-1	475.11	479.86	474.99	476.66	0.58	ppb
Silver	109-1	477.75	477.55	475.99	477.10	0.20	ppb
Sodium	23-2	252286.95	251764.02	250989.78	251680.25	0.26	ppb
Strontium	86-1	12349.10	12215.40	12408.20	12324.23	0.80	ppb
Strontium	88-1	12216.46	12385.23	12357.41	12319.70	0.73	ppb
Sulfur	34-1	9822.88	9591.39	9717.10	9710.46	1.19	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	502.38	507.65	509.71	506.58	0.75	ppb
Thallium	205-1	498.52	505.19	506.65	503.45	0.86	ppb
Tin	118-1	484.65	489.67	497.55	490.62	1.33	ppb
Titanium	47-1	4941.99	4831.22	4960.22	4911.15	1.42	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:37:22 DataFile Name : 026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	505.64	510.95	510.84	509.14	0.60	ppb
Vanadium	51-2	501.10	503.48	503.17	502.59	0.26	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	4732.30	4666.85	4611.27	4670.14	1.30	ppb
Zirconium	90-1	489.82	494.32	494.25	492.80	0.52	ppb
Zirconium	91-1	495.19	493.97	499.61	496.26	0.60	ppb

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:40:05 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.48	4.51	4.09	4.69	15.26	ppb
Antimony	121-1	0.20	0.16	0.16	0.18	14.13	ppb
Arsenic	75-2	0.06	0.01	0.01	0.03	109.98	ppb
Barium	135-1	0.44	0.36	0.28	0.36	22.89	ppb
Barium	137-1	0.48	0.35	0.30	0.38	23.47	ppb
Beryllium	9-1	0.08	0.09	0.07	0.08	14.92	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.06	0.01	0.06	92.29	ppb
Cadmium	106-1	-4.88	-5.37	-4.45	-4.90		ppb
Cadmium	111-1	-0.26	-0.32	-0.25	-0.28		ppb
Calcium	43-1	44.16	33.11	22.19	33.15	33.14	ppb
Calcium	44-1	38.83	29.19	20.85	29.62	30.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.12	0.06	0.07	58.35	ppb
Cobalt	59-2	0.05	0.05	0.02	0.04	34.33	ppb
Copper	63-2	0.25	0.28	0.21	0.24	14.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	15.40	13.52	12.45	13.79	10.85	ppb
Iron	57-2	10.49	10.44	10.80	10.57	1.83	ppb
Iron	54-2	14.48	14.18	13.57	14.08	3.32	ppb
Krypton	83-1						cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:40:05 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.48	0.38	0.31	0.39	21.58	ppb
Lead	207-1	0.47	0.40	0.31	0.39	20.09	ppb
Lead	208-1	0.47	0.39	0.31	0.39	21.13	ppb
Lithium	6-1				111		%
Magnesium	24-2	21.78	19.48	16.97	19.41	12.42	ppb
Manganese	55-2	0.41	0.36	0.37	0.38	6.78	ppb
Molybdenum	94-1	1.03	0.88	0.70	0.87	18.86	ppb
Molybdenum	95-1	1.00	0.84	0.69	0.84	18.58	ppb
Molybdenum	96-1	1.03	0.82	0.64	0.83	23.87	ppb
Molybdenum	97-1	1.00	0.79	0.66	0.82	20.86	ppb
Molybdenum	98-1	1.04	0.83	0.67	0.85	22.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.08	-0.06	-0.09		ppb
Phosphorus	31-2	-22.99	-17.14	-16.68	-18.94		ppb
Potassium	39-2	2.38	2.65	1.49	2.17	28.05	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	-0.09	-0.52	-0.13	-0.25		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.90	-1.96	-2.09	-1.65		ppb
Silicon	28-1	-11.32	-11.23	-11.19	-11.25		ppb
Silver	107-1	0.16	0.12	0.10	0.13	21.74	ppb
Silver	109-1	0.15	0.12	0.10	0.12	20.50	ppb
Sodium	23-2	57.69	55.29	53.80	55.59	3.54	ppb
Strontium	86-1	1.98	2.25	0.88	1.70	42.77	ppb
Strontium	88-1	2.46	2.10	1.50	2.02	24.08	ppb
Sulfur	34-1	-873.95	-827.95	-800.08	-833.99		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.09	0.09	0.10	22.56	ppb
Thallium	205-1	0.12	0.10	0.08	0.10	21.27	ppb
Tin	118-1	0.11	0.11	0.09	0.10	7.71	ppb
Titanium	47-1	0.98	0.79	0.67	0.81	19.30	ppb

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LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:38:50 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130	140	93	121	20.29	cps
Antimony	121-1	273	203	197	224	18.92	cps
Arsenic	75-2	17	10	3	10	66.70	cps
Barium	135-1	103	77	83	88	15.81	cps
Barium	137-1	133	173	113	140	21.82	cps
Beryllium	9-1	67	67	70	68	2.84	cps
Bismuth	209-1	8814777	8979587	9014177	8936180	1.19	cps
Bismuth	209-2	7760358	7798006	7840130	7799498	0.51	cps
Bromine	81-1	15535	15889	15251	15558	2.05	cps
Bromine	81-2	110	77	73	87	23.40	cps
Cadmium	108-1	40	50	20	37	41.66	cps
Cadmium	106-1	16169	16356	16840	16455	2.10	cps
Cadmium	111-1	11330	11444	11821	11532	2.22	cps
Calcium	43-1	633	690	677	667	4.44	cps
Calcium	44-1	17831	17804	17631	17755	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2977	2567	2580	2708	8.60	cps
Cobalt	59-2	190	160	167	172	9.15	cps
Copper	63-2	3347	3327	3330	3335	0.32	cps
Dysprosium	156-1	20	13	10	14	35.26	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	83	67	83	78	12.37	cps
Erbium	164-2	47	43	40	43	7.70	cps
Gadolinium	160-1	87	83	70	80	11.02	cps
Gadolinium	160-2	637	633	670	647	3.14	cps
Holmium	165-1	14045713	14546041	14445731	14345829	1.85	cps
Holmium	165-2	10701225	10727798	10818824	10749282	0.57	cps
Indium	115-1	10998413	11300461	11169332	11156069	1.36	cps
Indium	115-2	4586691	4543060	4540596	4556782	0.57	cps
Iron	56-2	24116	24420	24313	24283	0.63	cps
Iron	57-2	1550	1660	1510	1573	4.94	cps
Iron	54-2	2750	2674	2577	2667	3.26	cps
Krypton	83-1	213	200	260	224	14.04	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:38:50 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	793	790	737	773	4.11	cps
Lead	207-1	573	613	640	609	5.51	cps
Lead	208-1	3060	2900	2860	2940	3.60	cps
Lithium	6-1	1447547	1511767	1502574	1487296	2.34	cps
Magnesium	24-2	640	553	583	592	7.43	cps
Manganese	55-2	600	527	600	576	7.36	cps
Molybdenum	94-1	487	397	480	454	11.03	cps
Molybdenum	95-1	423	357	447	409	11.42	cps
Molybdenum	96-1	553	520	410	494	15.17	cps
Molybdenum	97-1	293	283	273	283	3.53	cps
Molybdenum	98-1	593	610	677	627	7.04	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	3	17	7	132.33	cps
Nickel	60-2	1307	1060	1180	1182	10.43	cps
Phosphorus	31-2	207	217	243	222	8.53	cps
Potassium	39-2	52734	53206	52805	52915	0.48	cps
Rhodium	103-1	10039407	10529315	10361884	10310202	2.42	cps
Rhodium	103-2	6540934	6539671	6594236	6558280	0.47	cps
Scandium	45-1	5691884	5840797	5843137	5791939	1.50	cps
Scandium	45-2	533692	532558	534327	533526	0.17	cps
Selenium	82-1	541	616	524	560	8.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	557	420	427	468	16.47	cps
Silicon	28-1	1479740	1444988	1472269	1465666	1.25	cps
Silver	107-1	163	153	147	154	5.43	cps
Silver	109-1	107	100	57	88	30.93	cps
Sodium	23-2	18565	18535	17961	18353	1.85	cps
Strontium	86-1	377	387	363	376	3.12	cps
Strontium	88-1	337	310	303	317	5.57	cps
Sulfur	34-1	175980	174510	175205	175232	0.42	cps
Terbium	159-1	14644595	14846842	14829793	14773743	0.76	cps
Terbium	159-2	10587749	10567264	10509787	10554933	0.38	cps
Thallium	203-1	297	327	277	300	8.39	cps
Thallium	205-1	910	747	760	806	11.26	cps
Tin	118-1	1563	1147	1227	1312	16.85	cps
Titanium	47-1	97	103	93	98	5.21	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:38:50 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	487	450	400	446	9.76	cps
Vanadium	51-2	20	20	20	20	0.00	cps
Yttrium	89-1	16582524	16942603	16992324	16839151	1.33	cps
Yttrium	89-2	5040334	5019826	5068585	5042915	0.49	cps
Zinc	66-2	840	833	760	811	5.47	cps
Zirconium	90-1	823	813	800	812	1.44	cps
Zirconium	91-1	147	127	163	146	12.61	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:45:22 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4447	4344	4414	4402	1.20	cps
Antimony	121-1	23422	22731	22798	22984	1.66	cps
Arsenic	75-2	710	660	677	682	3.73	cps
Barium	135-1	29591	30022	30209	29940	1.06	cps
Barium	137-1	51730	52329	51071	51710	1.22	cps
Beryllium	9-1	1420	1370	1430	1407	2.29	cps
Bismuth	209-1	9155136	8997235	9023917	9058763	0.93	cps
Bismuth	209-2	7895532	7868684	7828850	7864355	0.43	cps
Bromine	81-1	15839	15358	15952	15716	2.01	cps
Bromine	81-2	137	113	117	122	10.33	cps
Cadmium	108-1	277	273	280	277	1.21	cps
Cadmium	106-1	17617	17124	17070	17270	1.75	cps
Cadmium	111-1	15186	15062	14940	15063	0.81	cps
Calcium	43-1	15084	14988	15028	15033	0.32	cps
Calcium	44-1	254707	255846	256449	255667	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12312	11891	12015	12073	1.79	cps
Cobalt	59-2	7585	7539	7919	7681	2.70	cps
Copper	63-2	13303	13743	13296	13447	1.91	cps
Dysprosium	156-1	10	20	7	12	56.76	cps
Dysprosium	156-2	33	7	3	14	113.83	cps
Erbium	164-1	73	57	90	73	22.73	cps
Erbium	164-2	43	47	43	44	4.34	cps
Gadolinium	160-1	113	87	120	107	16.53	cps
Gadolinium	160-2	607	560	670	612	9.02	cps
Holmium	165-1	14778667	14592211	14384406	14585095	1.35	cps
Holmium	165-2	10985149	10917532	10784206	10895629	0.94	cps
Indium	115-1	11214008	11193757	11292801	11233522	0.47	cps
Indium	115-2	4558068	4560415	4516572	4545018	0.54	cps
Iron	56-2	252974	254665	253705	253781	0.33	cps
Iron	57-2	7459	7869	7565	7631	2.79	cps
Iron	54-2	15992	15428	15685	15702	1.80	cps
Krypton	83-1	180	193	187	187	3.57	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:45:22 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9964	10341	10034	10113	1.98	cps
Lead	207-1	8589	8629	8740	8653	0.90	cps
Lead	208-1	39526	39696	40087	39770	0.72	cps
Lithium	6-1	1476486	1501524	1454618	1477543	1.59	cps
Magnesium	24-2	190511	188885	189555	189650	0.43	cps
Manganese	55-2	4164	4164	4281	4203	1.60	cps
Molybdenum	94-1	23819	23669	23816	23768	0.36	cps
Molybdenum	95-1	28181	29279	29052	28837	2.01	cps
Molybdenum	96-1	32065	31721	32065	31950	0.62	cps
Molybdenum	97-1	18098	18061	18015	18058	0.23	cps
Molybdenum	98-1	46534	46694	46364	46531	0.36	cps
Neodymium	150-1	10	13	13	12	15.73	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	2984	2727	2970	2894	4.99	cps
Phosphorus	31-2	567	543	613	574	6.20	cps
Potassium	39-2	322515	321835	323644	322664	0.28	cps
Rhodium	103-1	10478962	10435818	10440169	10451650	0.23	cps
Rhodium	103-2	6644800	6542425	6552127	6579784	0.86	cps
Scandium	45-1	5858721	5854475	5843782	5852326	0.13	cps
Scandium	45-2	537258	532776	536706	535580	0.46	cps
Selenium	82-1	1492	1482	1394	1456	3.71	cps
Selenium	77-2	103	103	107	104	1.85	cps
Selenium	78-2	750	823	767	780	4.93	cps
Silicon	28-1	1415552	1459721	1465518	1446930	1.89	cps
Silver	107-1	15035	15048	14971	15018	0.27	cps
Silver	109-1	13710	13406	14057	13724	2.37	cps
Sodium	23-2	318259	319698	319165	319041	0.23	cps
Strontium	86-1	3844	3964	3921	3909	1.55	cps
Strontium	88-1	32436	31908	32569	32304	1.08	cps
Sulfur	34-1	176779	177825	177808	177471	0.34	cps
Terbium	159-1	15013037	14744451	14772166	14843218	1.00	cps
Terbium	159-2	10612685	10598302	10457888	10556292	0.81	cps
Thallium	203-1	11962	11942	11678	11861	1.33	cps
Thallium	205-1	26950	28323	28193	27822	2.72	cps
Tin	118-1	49859	51073	49404	50112	1.72	cps
Titanium	47-1	6865	7082	6902	6949	1.67	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:45:22 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34324	33766	33201	33764	1.66	cps
Vanadium	51-2	20945	20551	20534	20677	1.12	cps
Yttrium	89-1	17006377	16888562	17185601	17026847	0.88	cps
Yttrium	89-2	5080013	5009490	5070900	5053468	0.76	cps
Zinc	66-2	5168	4891	4868	4975	3.36	cps
Zirconium	90-1	19820	20291	20141	20084	1.20	cps
Zirconium	91-1	4381	4461	4444	4428	0.95	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:48:36 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	209540	207389	206794	207907	0.69	cps
Antimony	121-1	547540	548710	552869	549706	0.51	cps
Arsenic	75-2	30184	30080	29489	29918	1.25	cps
Barium	135-1	709926	706678	720677	712427	1.03	cps
Barium	137-1	1229274	1232738	1243831	1235281	0.62	cps
Beryllium	9-1	61350	61832	63137	62107	1.49	cps
Bismuth	209-1	9020045	9277989	9314744	9204260	1.74	cps
Bismuth	209-2	7997531	7949580	7778776	7908629	1.45	cps
Bromine	81-1	16069	15645	16136	15950	1.67	cps
Bromine	81-2	120	107	123	117	7.56	cps
Cadmium	108-1	10394	11014	10921	10776	3.10	cps
Cadmium	106-1	31731	32269	32179	32060	0.90	cps
Cadmium	111-1	155774	157514	158158	157149	0.78	cps
Calcium	43-1	138879	140965	140181	140008	0.75	cps
Calcium	44-1	2240788	2236695	2235358	2237614	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	218246	217682	218009	217979	0.13	cps
Cobalt	59-2	346405	343152	343102	344220	0.55	cps
Copper	63-2	2551361	2568768	2491841	2537324	1.59	cps
Dysprosium	156-1	13	30	27	23	37.81	cps
Dysprosium	156-2	50	57	57	54	7.07	cps
Erbium	164-1	110	70	67	82	29.33	cps
Erbium	164-2	50	57	63	57	11.76	cps
Gadolinium	160-1	100	113	140	118	17.29	cps
Gadolinium	160-2	653	723	653	677	5.97	cps
Holmium	165-1	15026047	14785873	14940169	14917363	0.82	cps
Holmium	165-2	10942429	10917456	11044702	10968196	0.61	cps
Indium	115-1	11276770	11205710	11333603	11272028	0.57	cps
Indium	115-2	4624734	4523081	4553687	4567168	1.14	cps
Iron	56-2	10115180	10063949	10025829	10068320	0.45	cps
Iron	57-2	263336	262047	262434	262605	0.25	cps
Iron	54-2	580593	579935	572991	577840	0.73	cps
Krypton	83-1	210	167	207	194	12.40	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:48:36 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2331638	2331729	2331227	2331531	0.01	cps
Lead	207-1	1975245	2029445	2017662	2007451	1.42	cps
Lead	208-1	9098173	9236562	9244664	9193133	0.90	cps
Lithium	6-1	1521977	1526745	1490692	1513138	1.29	cps
Magnesium	24-2	1733735	1725003	1716823	1725187	0.49	cps
Manganese	55-2	1722786	1746083	1678509	1715792	2.00	cps
Molybdenum	94-1	1918531	1906860	1911790	1912394	0.31	cps
Molybdenum	95-1	2730262	2772221	2747833	2750105	0.77	cps
Molybdenum	96-1	2973559	2952207	2943312	2956359	0.53	cps
Molybdenum	97-1	1644835	1703584	1713176	1687198	2.19	cps
Molybdenum	98-1	4422718	4404953	4410507	4412726	0.21	cps
Neodymium	150-1	60	33	60	51	30.13	cps
Neodymium	150-2	10	13	20	14	35.26	cps
Nickel	60-2	89414	88955	88331	88900	0.61	cps
Phosphorus	31-2	11338	11451	10951	11246	2.33	cps
Potassium	39-2	1302108	1280291	1260292	1280897	1.63	cps
Rhodium	103-1	10329706	10228472	10348549	10302242	0.63	cps
Rhodium	103-2	6599446	6509669	6553373	6554163	0.68	cps
Scandium	45-1	5924236	5952264	5893854	5923452	0.49	cps
Scandium	45-2	530496	533328	528835	530886	0.43	cps
Selenium	82-1	8900	9144	9042	9029	1.35	cps
Selenium	77-2	1000	1107	990	1032	6.26	cps
Selenium	78-2	3757	3624	3934	3772	4.12	cps
Silicon	28-1	4983208	4990341	4950278	4974609	0.43	cps
Silver	107-1	710193	717743	721201	716379	0.79	cps
Silver	109-1	680966	680150	682787	681301	0.20	cps
Sodium	23-2	2998288	2965980	2940547	2968271	0.97	cps
Strontium	86-1	170535	171061	170788	170795	0.15	cps
Strontium	88-1	1488672	1516152	1528461	1511095	1.35	cps
Sulfur	34-1	216509	214568	215801	215626	0.46	cps
Terbium	159-1	15072279	14921049	15106810	15033379	0.66	cps
Terbium	159-2	10813186	10663740	10530236	10669054	1.33	cps
Thallium	203-1	555106	558459	560735	558100	0.51	cps
Thallium	205-1	1322184	1333527	1338683	1331464	0.63	cps
Tin	118-1	454925	460753	455012	456897	0.73	cps
Titanium	47-1	638921	640347	640993	640087	0.17	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:48:36 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1663696	1672970	1688521	1675062	0.75	cps
Vanadium	51-2	190003	187972	187174	188383	0.77	cps
Yttrium	89-1	16977424	16964496	17220276	17054065	0.84	cps
Yttrium	89-2	5058951	5029085	5033568	5040535	0.32	cps
Zinc	66-2	424896	422001	422774	423224	0.35	cps
Zirconium	90-1	915298	917968	920809	918025	0.30	cps
Zirconium	91-1	208669	208290	206813	207924	0.47	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:51:39 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	521015	517395	515617	518009	0.53	cps
Antimony	121-1	1399522	1404988	1400896	1401802	0.20	cps
Arsenic	75-2	75045	75155	74988	75063	0.11	cps
Barium	135-1	1822949	1850682	1847230	1840287	0.82	cps
Barium	137-1	3227341	3190547	3263602	3227163	1.13	cps
Beryllium	9-1	157525	157435	159360	158107	0.69	cps
Bismuth	209-1	9207853	9232078	9255096	9231676	0.26	cps
Bismuth	209-2	7829703	7906499	7799339	7845180	0.70	cps
Bromine	81-1	15195	15455	15261	15304	0.88	cps
Bromine	81-2	93	93	93	93	0.00	cps
Cadmium	108-1	27576	27660	27927	27721	0.66	cps
Cadmium	106-1	54923	55147	55311	55127	0.35	cps
Cadmium	111-1	375721	381118	379198	378679	0.72	cps
Calcium	43-1	350510	351977	353566	352018	0.43	cps
Calcium	44-1	5599444	5496162	5517707	5537771	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	544247	539007	536160	539804	0.76	cps
Cobalt	59-2	858423	856708	847318	854150	0.70	cps
Copper	63-2	6400898	6293949	6245737	6313528	1.26	cps
Dysprosium	156-1	47	77	67	63	24.12	cps
Dysprosium	156-2	137	123	153	138	10.91	cps
Erbium	164-1	110	137	93	113	19.29	cps
Erbium	164-2	103	83	70	86	19.61	cps
Gadolinium	160-1	103	160	93	119	30.24	cps
Gadolinium	160-2	670	710	700	693	3.00	cps
Holmium	165-1	15049285	15023131	14935003	15002473	0.40	cps
Holmium	165-2	10926130	10945154	10852261	10907848	0.45	cps
Indium	115-1	11205794	10983733	11183401	11124309	1.10	cps
Indium	115-2	4492440	4427510	4404947	4441632	1.02	cps
Iron	56-2	25450530	25198530	25106588	25251883	0.71	cps
Iron	57-2	654630	652911	649453	652331	0.40	cps
Iron	54-2	1384772	1398549	1411954	1398425	0.97	cps
Krypton	83-1	190	190	167	182	7.39	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:51:39 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6001974	5984134	6089060	6025056	0.93	cps
Lead	207-1	5256843	5232497	5249749	5246363	0.24	cps
Lead	208-1	23891293	23790013	23996269	23892525	0.43	cps
Lithium	6-1	1554334	1556691	1523424	1544816	1.20	cps
Magnesium	24-2	4287744	4227052	4168740	4227846	1.41	cps
Manganese	55-2	4319042	4285844	4286711	4297199	0.44	cps
Molybdenum	94-1	4836050	4778508	4845730	4820096	0.75	cps
Molybdenum	95-1	6997301	6973584	7005217	6992034	0.24	cps
Molybdenum	96-1	7542102	7593602	7588843	7574849	0.38	cps
Molybdenum	97-1	4298483	4255812	4335427	4296574	0.93	cps
Molybdenum	98-1	11232507	11190042	11164010	11195520	0.31	cps
Neodymium	150-1	157	133	127	139	11.34	cps
Neodymium	150-2	33	60	50	48	28.20	cps
Nickel	60-2	219871	218699	215943	218171	0.92	cps
Phosphorus	31-2	27231	26316	26633	26727	1.74	cps
Potassium	39-2	3137904	3132978	3085468	3118783	0.93	cps
Rhodium	103-1	10248806	10303880	10258842	10270509	0.29	cps
Rhodium	103-2	6388906	6420066	6323025	6377332	0.78	cps
Scandium	45-1	5795952	5799231	5759572	5784918	0.38	cps
Scandium	45-2	517080	516613	512259	515317	0.52	cps
Selenium	82-1	22243	22023	22280	22182	0.63	cps
Selenium	77-2	2584	2540	2507	2544	1.51	cps
Selenium	78-2	8656	8736	8526	8639	1.23	cps
Silicon	28-1	10120174	10162503	10167383	10150020	0.26	cps
Silver	107-1	1789013	1818370	1807958	1805114	0.82	cps
Silver	109-1	1709522	1737048	1709750	1718773	0.92	cps
Sodium	23-2	7453961	7485157	7368625	7435914	0.81	cps
Strontium	86-1	428852	432148	429865	430288	0.39	cps
Strontium	88-1	3896866	3850886	3810475	3852742	1.12	cps
Sulfur	34-1	265644	264654	263529	264609	0.40	cps
Terbium	159-1	15103561	15029373	15096238	15076391	0.27	cps
Terbium	159-2	10547567	10743598	10502934	10598033	1.21	cps
Thallium	203-1	1434384	1452362	1451341	1446029	0.70	cps
Thallium	205-1	3525427	3607340	3528466	3553744	1.31	cps
Tin	118-1	1154604	1160758	1158750	1158037	0.27	cps
Titanium	47-1	1630707	1650129	1621443	1634093	0.90	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:51:39 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4530504	4569649	4650302	4583485	1.33	cps
Vanadium	51-2	475870	471187	468156	471737	0.82	cps
Yttrium	89-1	17018359	16952988	16950575	16973974	0.23	cps
Yttrium	89-2	4902142	4970170	4866962	4913091	1.07	cps
Zinc	66-2	1056659	1053908	1049715	1053427	0.33	cps
Zirconium	90-1	2393550	2384824	2369878	2382751	0.50	cps
Zirconium	91-1	525506	527523	529458	527496	0.37	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:54:30 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	937587	907768	914249	919868	1.70	cps
Antimony	121-1	2813880	2786501	2767867	2789416	0.83	cps
Arsenic	75-2	134207	132562	132828	133199	0.66	cps
Barium	135-1	3664788	3690030	3616127	3656982	1.03	cps
Barium	137-1	6323202	6342825	6305772	6323933	0.29	cps
Beryllium	9-1	307715	308854	305659	307409	0.53	cps
Bismuth	209-1	9093616	9523800	9331143	9316186	2.31	cps
Bismuth	209-2	7705351	7604621	7589241	7633071	0.83	cps
Bromine	81-1	13700	13737	13046	13494	2.88	cps
Bromine	81-2	63	77	77	72	10.66	cps
Cadmium	108-1	54753	53438	52548	53580	2.07	cps
Cadmium	106-1	90064	90419	87880	89454	1.54	cps
Cadmium	111-1	727600	726873	715312	723261	0.95	cps
Calcium	43-1	666708	661616	643826	657383	1.83	cps
Calcium	44-1	10640076	10483802	10193191	10439023	2.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	942019	949455	943434	944969	0.42	cps
Cobalt	59-2	1520665	1502546	1527606	1516939	0.85	cps
Copper	63-2	11160943	11136096	11054726	11117255	0.50	cps
Dysprosium	156-1	143	150	123	139	9.99	cps
Dysprosium	156-2	237	297	253	262	11.81	cps
Erbium	164-1	153	103	153	137	21.12	cps
Erbium	164-2	90	67	77	78	15.05	cps
Gadolinium	160-1	140	140	120	133	8.66	cps
Gadolinium	160-2	663	650	707	673	4.40	cps
Holmium	165-1	14685163	14862582	14587236	14711660	0.95	cps
Holmium	165-2	10565382	10544108	10512196	10540562	0.25	cps
Indium	115-1	10848079	10826230	10565390	10746566	1.46	cps
Indium	115-2	4048002	4037900	4079278	4055060	0.53	cps
Iron	56-2	44773374	45060781	45039208	44957788	0.36	cps
Iron	57-2	1174534	1175771	1162717	1171007	0.62	cps
Iron	54-2	2444912	2463502	2461707	2456707	0.42	cps
Krypton	83-1	213	200	187	200	6.67	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:54:30 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12221924	12251816	12094751	12189497	0.68	cps
Lead	207-1	10590775	10741616	10654138	10662177	0.71	cps
Lead	208-1	48397024	48870057	48378272	48548451	0.57	cps
Lithium	6-1	1561469	1586347	1551055	1566290	1.16	cps
Magnesium	24-2	7742579	7548802	7556102	7615828	1.44	cps
Manganese	55-2	7608803	7712576	7606466	7642615	0.79	cps
Molybdenum	94-1	9362108	9426196	9028543	9272282	2.30	cps
Molybdenum	95-1	13584474	13511096	13195753	13430441	1.54	cps
Molybdenum	96-1	14788738	14706809	14426951	14640833	1.30	cps
Molybdenum	97-1	8382396	8352362	8216192	8316983	1.06	cps
Molybdenum	98-1	22016597	21705205	21286731	21669511	1.69	cps
Neodymium	150-1	270	283	210	254	15.35	cps
Neodymium	150-2	60	73	77	70	12.60	cps
Nickel	60-2	386750	383435	378977	383054	1.02	cps
Phosphorus	31-2	47540	45013	45380	45978	2.97	cps
Potassium	39-2	5370659	5291850	5221854	5294788	1.41	cps
Rhodium	103-1	9898766	9715438	9592729	9735644	1.58	cps
Rhodium	103-2	5774902	5847222	5766410	5796178	0.77	cps
Scandium	45-1	5461396	5480595	5224265	5388752	2.65	cps
Scandium	45-2	447446	447567	445123	446712	0.31	cps
Selenium	82-1	41603	41512	40065	41060	2.10	cps
Selenium	77-2	4441	4247	4661	4450	4.65	cps
Selenium	78-2	15498	14974	14677	15050	2.76	cps
Silicon	28-1	17940512	17711908	17059800	17570740	2.60	cps
Silver	107-1	3545560	3480740	3426073	3484124	1.72	cps
Silver	109-1	3335344	3380084	3298588	3338005	1.22	cps
Sodium	23-2	13415652	13106788	13208973	13243804	1.19	cps
Strontium	86-1	842399	833308	819845	831851	1.36	cps
Strontium	88-1	7541687	7479721	7301570	7440993	1.68	cps
Sulfur	34-1	338550	329805	319405	329254	2.91	cps
Terbium	159-1	14870407	14967316	14616768	14818164	1.22	cps
Terbium	159-2	10293363	10164948	10127131	10195147	0.85	cps
Thallium	203-1	3030080	2996596	2948183	2991620	1.38	cps
Thallium	205-1	7154435	7240099	7132097	7175544	0.79	cps
Tin	118-1	2360968	2309399	2252810	2307725	2.34	cps
Titanium	47-1	3133140	3047253	2973126	3051173	2.62	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:54:30 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9293572	9457017	9551835	9434141	1.38	cps
Vanadium	51-2	820565	825991	818815	821791	0.46	cps
Yttrium	89-1	16529820	16374593	15947774	16284062	1.85	cps
Yttrium	89-2	4458303	4474622	4418070	4450332	0.65	cps
Zinc	66-2	1892392	1900020	1885653	1892688	0.38	cps
Zirconium	90-1	4625555	4561801	4422225	4536527	2.29	cps
Zirconium	91-1	1025482	1019153	1001736	1015457	1.21	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:57:18 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1773104	1783274	1791570	1782650	0.52	cps
Antimony	121-1	5078967	5135564	5125235	5113255	0.59	cps
Arsenic	75-2	251089	251690	248196	250325	0.75	cps
Barium	135-1	6700914	6762528	6724683	6729375	0.46	cps
Barium	137-1	11807826	11732469	11834432	11791576	0.45	cps
Beryllium	9-1	555567	562381	563769	560572	0.78	cps
Bismuth	209-1	9185605	9044146	9333183	9187645	1.57	cps
Bismuth	209-2	7668826	7424868	7528012	7540569	1.62	cps
Bromine	81-1	11535	11855	12148	11846	2.59	cps
Bromine	81-2	77	103	97	92	15.05	cps
Cadmium	108-1	94743	95814	96699	95752	1.02	cps
Cadmium	106-1	146446	147022	148190	147219	0.60	cps
Cadmium	111-1	1293626	1305126	1309722	1302825	0.64	cps
Calcium	43-1	1157406	1164358	1167497	1163087	0.44	cps
Calcium	44-1	18398908	18407811	18619481	18475400	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1804396	1782045	1785503	1790648	0.67	cps
Cobalt	59-2	2846065	2830679	2830399	2835714	0.32	cps
Copper	63-2	20657441	20649217	20659968	20655542	0.03	cps
Dysprosium	156-1	243	210	223	226	7.44	cps
Dysprosium	156-2	503	453	477	478	5.24	cps
Erbium	164-1	150	203	143	166	19.86	cps
Erbium	164-2	143	137	153	144	5.81	cps
Gadolinium	160-1	177	157	200	178	12.20	cps
Gadolinium	160-2	693	627	673	664	5.15	cps
Holmium	165-1	14511518	14420606	14653480	14528535	0.81	cps
Holmium	165-2	10643864	10634714	10448964	10575847	1.04	cps
Indium	115-1	10097292	10119425	10242556	10153091	0.77	cps
Indium	115-2	4008029	4020090	3954290	3994137	0.88	cps
Iron	56-2	84746827	85633945	84969047	85116607	0.54	cps
Iron	57-2	2094210	2135459	2105527	2111732	1.01	cps
Iron	54-2	4617876	4667333	4669235	4651481	0.63	cps
Krypton	83-1	150	130	150	143	8.06	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:57:18 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23268716	23524063	23680417	23491065	0.88	cps
Lead	207-1	20228108	20364845	20869796	20487583	1.65	cps
Lead	208-1	92295867	92608089	94484764	93129573	1.27	cps
Lithium	6-1	1506088	1530184	1539709	1525327	1.14	cps
Magnesium	24-2	14354953	14326024	14346455	14342477	0.10	cps
Manganese	55-2	14500370	14577647	14485203	14521073	0.34	cps
Molybdenum	94-1	16821457	16876306	16900825	16866196	0.24	cps
Molybdenum	95-1	24544582	24382927	24531880	24486463	0.37	cps
Molybdenum	96-1	26720212	26487096	26627302	26611537	0.44	cps
Molybdenum	97-1	15077753	15008166	15023561	15036494	0.24	cps
Molybdenum	98-1	39544988	39420859	39497311	39487719	0.16	cps
Neodymium	150-1	443	497	487	476	5.96	cps
Neodymium	150-2	140	117	160	139	15.61	cps
Nickel	60-2	708998	711339	709292	709876	0.18	cps
Phosphorus	31-2	85795	86030	86536	86120	0.44	cps
Potassium	39-2	10078264	10015138	10164321	10085908	0.74	cps
Rhodium	103-1	9141734	9017077	8995427	9051413	0.87	cps
Rhodium	103-2	5721898	5637735	5705301	5688311	0.78	cps
Scandium	45-1	4942275	4928738	4958798	4943270	0.30	cps
Scandium	45-2	444188	443801	442798	443595	0.16	cps
Selenium	82-1	71971	72909	73007	72629	0.79	cps
Selenium	77-2	8109	8182	8076	8122	0.67	cps
Selenium	78-2	27636	27302	27896	27611	1.08	cps
Silicon	28-1	29103743	29314922	29265060	29227908	0.38	cps
Silver	107-1	6165226	6188976	6279627	6211276	0.97	cps
Silver	109-1	5980313	6028823	6012283	6007139	0.41	cps
Sodium	23-2	25069878	25030476	24953845	25018066	0.24	cps
Strontium	86-1	1500387	1511922	1529129	1513813	0.96	cps
Strontium	88-1	13444323	13441354	13600884	13495520	0.68	cps
Sulfur	34-1	429245	430193	431738	430392	0.29	cps
Terbium	159-1	14443907	14436264	14653308	14511160	0.85	cps
Terbium	159-2	10241013	10166168	10165774	10190985	0.43	cps
Thallium	203-1	5746377	5819862	5821673	5795971	0.74	cps
Thallium	205-1	13859616	13954374	13887905	13900632	0.35	cps
Tin	118-1	4176281	4230239	4235772	4214098	0.78	cps
Titanium	47-1	5335315	5377124	5344269	5352236	0.41	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 10:57:18 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18496788	18787040	18878877	18720902	1.07	cps
Vanadium	51-2	1562747	1576023	1585946	1574906	0.74	cps
Yttrium	89-1	15271795	15265046	15344551	15293797	0.29	cps
Yttrium	89-2	4485935	4356416	4389395	4410582	1.53	cps
Zinc	66-2	3507207	3469978	3502253	3493146	0.58	cps
Zirconium	90-1	8300511	8297296	8309896	8302568	0.08	cps
Zirconium	91-1	1823243	1885469	1867332	1858682	1.72	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:00:01 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3670568	3616723	3599006	3628766	1.03	cps
Antimony	121-1	10180430	10367873	10260945	10269750	0.92	cps
Arsenic	75-2	504299	503719	505781	504600	0.21	cps
Barium	135-1	13520504	13854605	13570049	13648386	1.32	cps
Barium	137-1	23476526	23742952	23869660	23696380	0.85	cps
Beryllium	9-1	1131906	1122386	1121658	1125316	0.51	cps
Bismuth	209-1	9109683	9076612	9175157	9120484	0.55	cps
Bismuth	209-2	7355897	7497544	7495733	7449725	1.09	cps
Bromine	81-1	11424	12472	11912	11936	4.39	cps
Bromine	81-2	57	87	73	72	20.81	cps
Cadmium	108-1	186992	187698	188705	187798	0.46	cps
Cadmium	106-1	274415	279159	277538	277037	0.87	cps
Cadmium	111-1	2518959	2585284	2548847	2551030	1.30	cps
Calcium	43-1	2222107	2270843	2254890	2249280	1.10	cps
Calcium	44-1	36611555	37332465	37261321	37068447	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3637620	3597373	3651015	3628669	0.77	cps
Cobalt	59-2	5694615	5740149	5683787	5706184	0.52	cps
Copper	63-2	41243131	41541830	41186099	41323687	0.46	cps
Dysprosium	156-1	410	437	520	456	12.60	cps
Dysprosium	156-2	967	943	940	950	1.53	cps
Erbium	164-1	290	310	243	281	12.17	cps
Erbium	164-2	250	203	207	220	11.83	cps
Gadolinium	160-1	247	260	250	252	2.75	cps
Gadolinium	160-2	630	737	727	698	8.44	cps
Holmium	165-1	14554753	14717894	14935708	14736118	1.30	cps
Holmium	165-2	10648134	10630043	10669428	10649202	0.19	cps
Indium	115-1	9827866	10135290	10144176	10035777	1.79	cps
Indium	115-2	4004934	4044683	3978840	4009486	0.83	cps
Iron	56-2	171291837	170740207	172934084	171655376	0.66	cps
Iron	57-2	4292002	4260905	4311399	4288102	0.59	cps
Iron	54-2	9350442	9324899	9410792	9362045	0.47	cps
Krypton	83-1	113	163	210	162	29.80	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:00:01 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	46934821	47214743	47255329	47134964	0.37	cps
Lead	207-1	40636840	40749524	41053198	40813187	0.53	cps
Lead	208-1	185833513	185883392	186907232	186208046	0.33	cps
Lithium	6-1	1498117	1520702	1491967	1503596	1.01	cps
Magnesium	24-2	29248200	29098475	29125437	29157370	0.27	cps
Manganese	55-2	29205672	28926420	29583961	29238685	1.13	cps
Molybdenum	94-1	33742395	34062505	34308264	34037721	0.83	cps
Molybdenum	95-1	48595019	48913513	49198063	48902198	0.62	cps
Molybdenum	96-1	52924448	53450303	53696831	53357194	0.74	cps
Molybdenum	97-1	30036765	30517817	30677718	30410767	1.10	cps
Molybdenum	98-1	78342602	79891372	79626495	79286823	1.04	cps
Neodymium	150-1	817	980	1020	939	11.47	cps
Neodymium	150-2	293	277	260	277	6.02	cps
Nickel	60-2	1416912	1413005	1412022	1413980	0.18	cps
Phosphorus	31-2	173441	173063	174445	173649	0.41	cps
Potassium	39-2	20417128	20327777	20606045	20450317	0.69	cps
Rhodium	103-1	8953845	8981935	8974390	8970057	0.16	cps
Rhodium	103-2	5659017	5740724	5689738	5696493	0.72	cps
Scandium	45-1	4882197	4951693	4907380	4913757	0.72	cps
Scandium	45-2	450489	451900	452504	451631	0.23	cps
Selenium	82-1	140752	142368	143542	142221	0.98	cps
Selenium	77-2	16176	16272	16222	16223	0.30	cps
Selenium	78-2	54784	54547	54102	54477	0.64	cps
Silicon	28-1	55026949	55877396	55321963	55408769	0.78	cps
Silver	107-1	12075210	12471551	12400485	12315749	1.72	cps
Silver	109-1	11655631	11847047	11793825	11765501	0.84	cps
Sodium	23-2	50858178	50595873	50741716	50731922	0.26	cps
Strontium	86-1	3035453	3072274	3077474	3061734	0.75	cps
Strontium	88-1	26823728	27233355	27340434	27132506	1.01	cps
Sulfur	34-1	718245	729834	732238	726772	1.03	cps
Terbium	159-1	14638436	14671240	14640765	14650147	0.12	cps
Terbium	159-2	10346784	10223945	10293044	10287925	0.60	cps
Thallium	203-1	11466372	11696383	11639432	11600729	1.03	cps
Thallium	205-1	27657939	27830105	27726818	27738287	0.31	cps
Tin	118-1	8222460	8407799	8480674	8370311	1.59	cps
Titanium	47-1	10636159	10838208	10829226	10767864	1.06	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:00:01 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37719291	37966551	37607509	37764451	0.49	cps
Vanadium	51-2	3210107	3234004	3201228	3215113	0.53	cps
Yttrium	89-1	15166647	15390082	15628515	15395081	1.50	cps
Yttrium	89-2	4474279	4531842	4492016	4499379	0.66	cps
Zinc	66-2	6894520	6931079	6949624	6925074	0.40	cps
Zirconium	90-1	16406337	16771952	16944330	16707540	1.64	cps
Zirconium	91-1	3707965	3789493	3782663	3760041	1.20	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:02:47 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19822946	19634473	20084766	19847395	1.14	cps
Antimony	121-1	8836	8549	8156	8514	4.01	cps
Arsenic	75-2	310	323	370	334	9.42	cps
Barium	135-1	6048	6145	5968	6054	1.46	cps
Barium	137-1	10938	10747	10150	10612	3.87	cps
Beryllium	9-1	350	347	287	328	10.87	cps
Bismuth	209-1	8234517	8235496	8164381	8211465	0.50	cps
Bismuth	209-2	6746855	6828667	6855223	6810248	0.83	cps
Bromine	81-1	13476	13520	13329	13442	0.74	cps
Bromine	81-2	80	117	93	97	19.20	cps
Cadmium	108-1	93	100	127	107	16.54	cps
Cadmium	106-1	15045	14921	14991	14986	0.41	cps
Cadmium	111-1	10999	10835	10938	10924	0.76	cps
Calcium	43-1	11738425	11928131	11854256	11840271	0.81	cps
Calcium	44-1	191028157	195324104	196340377	194230879	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9181	8049	8426	8552	6.74	cps
Cobalt	59-2	17190	17337	17424	17317	0.68	cps
Copper	63-2	12432	12435	12168	12345	1.24	cps
Dysprosium	156-1	457	403	450	437	6.66	cps
Dysprosium	156-2	343	363	373	360	4.24	cps
Erbium	164-1	557	520	477	518	7.73	cps
Erbium	164-2	353	403	357	371	7.53	cps
Gadolinium	160-1	440	537	497	491	9.89	cps
Gadolinium	160-2	920	827	943	897	6.88	cps
Holmium	165-1	14585101	14533764	14506409	14541758	0.27	cps
Holmium	165-2	10487357	10488005	10584082	10519815	0.53	cps
Indium	115-1	9991314	9947217	9979763	9972765	0.23	cps
Indium	115-2	4115640	4045942	4065698	4075760	0.88	cps
Iron	56-2	889137560	886710733	892088867	889312387	0.30	cps
Iron	57-2	22353216	22284779	22450417	22362804	0.37	cps
Iron	54-2	47705226	48164968	47951558	47940584	0.48	cps
Krypton	83-1	243	253	197	231	13.09	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:02:47 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15132	14464	14288	14628	3.04	cps
Lead	207-1	13417	12669	12262	12783	4.58	cps
Lead	208-1	60449	56536	56189	57725	4.10	cps
Lithium	6-1	1494571	1491667	1525320	1503853	1.24	cps
Magnesium	24-2	157704531	158475758	159889274	158689854	0.70	cps
Manganese	55-2	16212	15825	16309	16115	1.59	cps
Molybdenum	94-1	10250	9066	8719	9345	8.59	cps
Molybdenum	95-1	9637	8759	8412	8936	7.06	cps
Molybdenum	96-1	19947	19263	19103	19437	2.31	cps
Molybdenum	97-1	6171	5348	5241	5587	9.11	cps
Molybdenum	98-1	15265	13340	12055	13553	11.92	cps
Neodymium	150-1	213	210	263	229	13.05	cps
Neodymium	150-2	167	160	130	152	12.83	cps
Nickel	60-2	8209	8059	8096	8121	0.96	cps
Phosphorus	31-2	370	377	380	376	1.36	cps
Potassium	39-2	113485888	112124362	114412318	113340856	1.02	cps
Rhodium	103-1	8498342	8586242	8591488	8558691	0.61	cps
Rhodium	103-2	5462355	5532517	5530465	5508446	0.72	cps
Scandium	45-1	5209606	5192201	5261977	5221261	0.70	cps
Scandium	45-2	490878	488698	493983	491186	0.54	cps
Selenium	82-1	686	618	632	645	5.58	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	353	403	367	374	6.91	cps
Silicon	28-1	765381	768433	775102	769639	0.65	cps
Silver	107-1	3064	2634	2520	2739	10.47	cps
Silver	109-1	2944	2537	2200	2560	14.54	cps
Sodium	23-2	272171743	270737236	272878189	271929056	0.40	cps
Strontium	86-1	9820	9637	9837	9764	1.14	cps
Strontium	88-1	82996	82811	83046	82951	0.15	cps
Sulfur	34-1	126004	130979	136937	131306	4.17	cps
Terbium	159-1	14501533	14458815	14388890	14449746	0.39	cps
Terbium	159-2	10233653	10099078	10144781	10159171	0.67	cps
Thallium	203-1	2244	1950	1880	2025	9.52	cps
Thallium	205-1	5168	4688	4557	4804	6.69	cps
Tin	118-1	3224	3010	2857	3030	6.08	cps
Titanium	47-1	2030	1997	1667	1898	10.59	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:02:47 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4227	3360	3174	3587	15.67	cps
Vanadium	51-2	753	873	810	812	7.39	cps
Yttrium	89-1	15502338	15566812	15466457	15511869	0.33	cps
Yttrium	89-2	4698823	4610711	4720912	4676815	1.25	cps
Zinc	66-2	11098	10951	11118	11055	0.82	cps
Zirconium	90-1	11515	10937	10621	11024	4.11	cps
Zirconium	91-1	2540	2484	2374	2466	3.44	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:55:41 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96461	97436	96632	96843	0.54	cps
Antimony	121-1	2186908	2164845	2243564	2198439	1.85	cps
Arsenic	75-2	118777	119093	118780	118883	0.15	cps
Barium	135-1	283640	286649	288978	286422	0.93	cps
Barium	137-1	496838	498932	503566	499779	0.69	cps
Beryllium	9-1	126792	130327	127289	128136	1.49	cps
Bismuth	209-1	9405026	9500657	9538140	9481274	0.72	cps
Bismuth	209-2	8038614	8021694	7997386	8019231	0.26	cps
Bromine	81-1	15405	15405	15522	15444	0.44	cps
Bromine	81-2	120	113	93	109	12.75	cps
Cadmium	108-1	18695	19376	19059	19044	1.79	cps
Cadmium	106-1	41676	41827	42328	41944	0.81	cps
Cadmium	111-1	297394	301986	302603	300661	0.95	cps
Calcium	43-1	52895	53926	53002	53274	1.06	cps
Calcium	44-1	872199	879224	883649	878358	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	433484	433199	430993	432559	0.32	cps
Cobalt	59-2	686613	684491	678953	683352	0.58	cps
Copper	63-2	475916	478119	472864	475633	0.55	cps
Dysprosium	156-1	17	20	23	20	16.65	cps
Dysprosium	156-2	27	37	23	29	24.03	cps
Erbium	164-1	83	110	60	84	29.63	cps
Erbium	164-2	30	80	73	61	44.42	cps
Gadolinium	160-1	103	100	110	104	4.87	cps
Gadolinium	160-2	697	773	733	734	5.22	cps
Holmium	165-1	15268567	15407021	15494406	15389998	0.74	cps
Holmium	165-2	11181898	11306971	11219052	11235974	0.57	cps
Indium	115-1	11434046	11278833	11438840	11383907	0.80	cps
Indium	115-2	4626525	4507307	4506744	4546859	1.52	cps
Iron	56-2	7844782	7779475	7788292	7804183	0.45	cps
Iron	57-2	201055	202954	201535	201848	0.49	cps
Iron	54-2	456547	455577	451586	454570	0.58	cps
Krypton	83-1	173	140	213	176	20.92	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:55:41 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1968184	1982690	1962753	1971209	0.52	cps
Lead	207-1	1554083	1565726	1569899	1563236	0.52	cps
Lead	208-1	7486582	7609007	7524811	7540134	0.83	cps
Lithium	6-1	1641781	1637763	1618435	1632660	0.76	cps
Magnesium	24-2	389980	385092	386149	387073	0.66	cps
Manganese	55-2	339175	339200	335632	338002	0.61	cps
Molybdenum	94-1	537	553	527	539	2.50	cps
Molybdenum	95-1	463	397	390	417	9.73	cps
Molybdenum	96-1	693	650	687	677	3.45	cps
Molybdenum	97-1	290	270	280	280	3.57	cps
Molybdenum	98-1	753	627	723	701	9.44	cps
Neodymium	150-1	37	37	40	38	5.09	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	175848	177514	176451	176604	0.48	cps
Phosphorus	31-2	163	210	233	202	17.62	cps
Potassium	39-2	999985	996846	993722	996851	0.31	cps
Rhodium	103-1	10534088	10457206	10571599	10520964	0.55	cps
Rhodium	103-2	6693172	6552461	6494194	6579942	1.55	cps
Scandium	45-1	5885417	5820295	5879952	5861888	0.62	cps
Scandium	45-2	524518	524612	524226	524452	0.04	cps
Selenium	82-1	34728	34961	35025	34904	0.45	cps
Selenium	77-2	3721	4054	4174	3983	5.90	cps
Selenium	78-2	13890	13576	13963	13810	1.49	cps
Silicon	28-1	1179526	1181261	1187568	1182785	0.36	cps
Silver	107-1	667206	672425	673021	670884	0.48	cps
Silver	109-1	633976	643290	641861	639709	0.78	cps
Sodium	23-2	1127929	1140560	1115642	1128044	1.10	cps
Strontium	86-1	1183	1127	1143	1151	2.53	cps
Strontium	88-1	7462	7559	7349	7456	1.41	cps
Sulfur	34-1	165556	166132	163635	165108	0.79	cps
Terbium	159-1	15293153	15288890	15158090	15246711	0.50	cps
Terbium	159-2	10937922	10741758	10585158	10754946	1.64	cps
Thallium	203-1	2377632	2436912	2382198	2398914	1.38	cps
Thallium	205-1	5606908	5711704	5689073	5669229	0.97	cps
Tin	118-1	1260	1543	1347	1383	10.50	cps
Titanium	47-1	83	57	93	78	24.37	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 11:55:41 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	33	20	30	29.40	cps
Vanadium	51-2	366783	363004	365461	365083	0.53	cps
Yttrium	89-1	17095875	17104172	17063564	17087870	0.13	cps
Yttrium	89-2	5062227	5010110	4984516	5018951	0.79	cps
Zinc	66-2	161712	163363	162126	162400	0.53	cps
Zirconium	90-1	870	890	967	909	5.61	cps
Zirconium	91-1	343	280	367	330	13.59	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:00:19 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120	123	170	138	20.29	cps
Antimony	121-1	653	690	620	654	5.35	cps
Arsenic	75-2	23	13	23	20	28.87	cps
Barium	135-1	70	70	80	73	7.87	cps
Barium	137-1	140	137	130	136	3.76	cps
Beryllium	9-1	127	73	80	93	31.14	cps
Bismuth	209-1	9128955	9482197	9217114	9276089	1.98	cps
Bismuth	209-2	8032287	7937488	7855864	7941880	1.11	cps
Bromine	81-1	14918	15475	15532	15308	2.22	cps
Bromine	81-2	127	133	97	119	16.43	cps
Cadmium	108-1	30	53	27	37	39.62	cps
Cadmium	106-1	15672	16176	15799	15882	1.65	cps
Cadmium	111-1	11003	11336	11087	11142	1.55	cps
Calcium	43-1	527	367	470	454	17.85	cps
Calcium	44-1	13751	13050	13076	13292	2.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2794	2744	2624	2720	3.21	cps
Cobalt	59-2	217	170	210	199	12.69	cps
Copper	63-2	2387	2160	2347	2298	5.27	cps
Dysprosium	156-1	7	7	17	10	57.72	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	70	93	53	72	27.82	cps
Erbium	164-2	53	53	37	48	20.13	cps
Gadolinium	160-1	110	80	103	98	16.11	cps
Gadolinium	160-2	717	597	550	621	13.84	cps
Holmium	165-1	14748052	14923965	15092691	14921569	1.15	cps
Holmium	165-2	11145049	10976761	10956116	11025975	0.94	cps
Indium	115-1	10914172	11291168	11526010	11243783	2.75	cps
Indium	115-2	4583204	4627345	4551377	4587309	0.83	cps
Iron	56-2	27702	27064	27291	27353	1.18	cps
Iron	57-2	1583	1517	1557	1552	2.16	cps
Iron	54-2	2814	2774	2857	2815	1.48	cps
Krypton	83-1	210	167	183	187	11.71	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:00:19 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	847	817	837	833	1.83	cps
Lead	207-1	730	670	573	658	12.02	cps
Lead	208-1	3220	3147	2960	3109	4.31	cps
Lithium	6-1	1572633	1575847	1609318	1585933	1.28	cps
Magnesium	24-2	710	767	650	709	8.23	cps
Manganese	55-2	400	367	383	383	4.35	cps
Molybdenum	94-1	447	453	423	441	3.57	cps
Molybdenum	95-1	327	370	300	332	10.63	cps
Molybdenum	96-1	450	433	460	448	3.01	cps
Molybdenum	97-1	233	183	223	213	12.40	cps
Molybdenum	98-1	550	500	527	526	4.76	cps
Neodymium	150-1	0	3	10	4	114.60	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	953	877	873	901	5.02	cps
Phosphorus	31-2	217	223	187	209	9.35	cps
Potassium	39-2	48142	47992	48487	48207	0.53	cps
Rhodium	103-1	10304091	10593882	10297634	10398535	1.63	cps
Rhodium	103-2	6668416	6740964	6628168	6679183	0.86	cps
Scandium	45-1	5736042	5802230	5767938	5768737	0.57	cps
Scandium	45-2	530521	529504	525502	528509	0.50	cps
Selenium	82-1	564	617	549	577	6.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	343	423	437	401	12.59	cps
Silicon	28-1	1227394	1181614	1236653	1215220	2.43	cps
Silver	107-1	350	323	300	324	7.71	cps
Silver	109-1	323	207	193	241	29.66	cps
Sodium	23-2	19813	20290	19422	19842	2.19	cps
Strontium	86-1	370	343	337	350	5.04	cps
Strontium	88-1	267	223	183	224	18.57	cps
Sulfur	34-1	162463	162860	162278	162534	0.18	cps
Terbium	159-1	14990806	15452513	15095976	15179765	1.59	cps
Terbium	159-2	10697989	10739993	10475989	10637990	1.33	cps
Thallium	203-1	540	493	470	501	7.11	cps
Thallium	205-1	1263	1160	1053	1159	9.06	cps
Tin	118-1	1280	1413	1313	1336	5.20	cps
Titanium	47-1	107	67	80	84	24.12	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:00:19 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77	27	13	39	85.86	cps
Vanadium	51-2	33	27	27	29	13.31	cps
Yttrium	89-1	16690786	17350316	16998193	17013098	1.94	cps
Yttrium	89-2	5026722	5000198	5027194	5018038	0.31	cps
Zinc	66-2	403	360	447	403	10.74	cps
Zirconium	90-1	800	707	960	822	15.58	cps
Zirconium	91-1	123	130	110	121	8.41	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:03:33 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17537996	17529784	17433341	17500374	0.33	cps
Antimony	121-1	12008	12309	12449	12255	1.84	cps
Arsenic	75-2	127	207	213	182	26.47	cps
Barium	135-1	4067	4051	4224	4114	2.33	cps
Barium	137-1	7145	7219	7125	7163	0.69	cps
Beryllium	9-1	380	430	353	388	10.04	cps
Bismuth	209-1	9084417	9135573	9382195	9200728	1.73	cps
Bismuth	209-2	7708349	7610823	7702771	7673981	0.71	cps
Bromine	81-1	15208	15482	15475	15388	1.01	cps
Bromine	81-2	357	370	387	371	4.05	cps
Cadmium	108-1	1743	1923	1710	1792	6.40	cps
Cadmium	106-1	15158	14878	14901	14979	1.04	cps
Cadmium	111-1	11730	11111	11231	11357	2.89	cps
Calcium	43-1	2400047	2384999	2397670	2394239	0.34	cps
Calcium	44-1	39883865	39172849	39257879	39438198	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80962	80899	80630	80831	0.22	cps
Cobalt	59-2	7775	8359	8299	8144	3.94	cps
Copper	63-2	34309	34871	34533	34571	0.82	cps
Dysprosium	156-1	83	40	57	60	36.43	cps
Dysprosium	156-2	53	80	33	56	42.15	cps
Erbium	164-1	93	87	137	106	25.72	cps
Erbium	164-2	87	103	63	84	23.79	cps
Gadolinium	160-1	120	133	117	123	7.15	cps
Gadolinium	160-2	610	667	633	637	4.47	cps
Holmium	165-1	15203562	15488573	15502737	15398291	1.10	cps
Holmium	165-2	11363473	11225572	11302643	11297229	0.61	cps
Indium	115-1	10586921	10751682	10737673	10692092	0.85	cps
Indium	115-2	4296469	4222863	4242477	4253937	0.90	cps
Iron	56-2	365244755	362942555	360780675	362989328	0.62	cps
Iron	57-2	9002331	8952787	8975266	8976794	0.28	cps
Iron	54-2	19573685	19613056	19647346	19611362	0.19	cps
Krypton	83-1	170	173	177	173	1.92	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:03:33 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	47830	47128	46238	47066	1.70	cps
Lead	207-1	36362	36262	37040	36555	1.16	cps
Lead	208-1	176198	174255	172372	174275	1.10	cps
Lithium	6-1	1612361	1553948	1583454	1583254	1.84	cps
Magnesium	24-2	30283805	30326315	30119683	30243268	0.36	cps
Manganese	55-2	24984	25048	25188	25073	0.42	cps
Molybdenum	94-1	5778533	5798677	5837968	5805059	0.52	cps
Molybdenum	95-1	10270302	10235194	10313047	10272848	0.38	cps
Molybdenum	96-1	11026123	10878382	11016210	10973572	0.75	cps
Molybdenum	97-1	6335656	6281562	6395395	6337538	0.90	cps
Molybdenum	98-1	16743386	16479046	16604552	16608994	0.80	cps
Neodymium	150-1	57	67	70	64	10.76	cps
Neodymium	150-2	20	43	37	33	36.05	cps
Nickel	60-2	8993	9093	9073	9053	0.59	cps
Phosphorus	31-2	933226	925435	928298	928986	0.42	cps
Potassium	39-2	42867929	42476719	42509139	42617929	0.51	cps
Rhodium	103-1	9404857	9464334	9379329	9416173	0.46	cps
Rhodium	103-2	5972879	5893506	5975739	5947375	0.78	cps
Scandium	45-1	5323778	5212577	5216263	5250873	1.20	cps
Scandium	45-2	478900	473648	474103	475550	0.61	cps
Selenium	82-1	589	522	536	549	6.50	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	363	347	400	370	7.37	cps
Silicon	28-1	775265	742874	747025	755055	2.33	cps
Silver	107-1	960	697	620	759	23.50	cps
Silver	109-1	977	630	640	749	26.35	cps
Sodium	23-2	52400738	52197333	52153889	52250653	0.25	cps
Strontium	86-1	110574	111511	112671	111585	0.94	cps
Strontium	88-1	987228	977057	991621	985302	0.76	cps
Sulfur	34-1	3561176	3473619	3477863	3504219	1.41	cps
Terbium	159-1	15099092	15272461	15346329	15239294	0.83	cps
Terbium	159-2	10737665	10699229	10557969	10664954	0.89	cps
Thallium	203-1	1410	1423	1397	1410	0.95	cps
Thallium	205-1	3224	3384	3074	3227	4.81	cps
Tin	118-1	3187	3157	3194	3179	0.61	cps
Titanium	47-1	2346533	2328312	2322334	2332393	0.54	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:03:33 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	557	590	657	601	8.47	cps
Vanadium	51-2	733	667	757	719	6.50	cps
Yttrium	89-1	16261099	16437225	16224614	16307646	0.70	cps
Yttrium	89-2	4731949	4732324	4760494	4741589	0.35	cps
Zinc	66-2	8886	8783	8966	8878	1.04	cps
Zirconium	90-1	903	823	980	902	8.68	cps
Zirconium	91-1	180	177	163	173	5.09	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:06:37 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17779143	17878268	17696741	17784718	0.51	cps
Antimony	121-1	241525	244512	246915	244318	1.11	cps
Arsenic	75-2	11511	11485	11635	11543	0.69	cps
Barium	135-1	64224	64549	66414	65062	1.82	cps
Barium	137-1	112675	112910	114520	113368	0.89	cps
Beryllium	9-1	24576	24369	24573	24506	0.48	cps
Bismuth	209-1	9484361	9475433	9481156	9480317	0.05	cps
Bismuth	209-2	7820026	7843856	7763355	7809079	0.53	cps
Bromine	81-1	15655	15595	15565	15605	0.29	cps
Bromine	81-2	317	397	377	363	11.46	cps
Cadmium	108-1	5351	5651	5394	5466	2.97	cps
Cadmium	106-1	21042	20621	21269	20977	1.57	cps
Cadmium	111-1	69281	68040	69211	68844	1.01	cps
Calcium	43-1	2481541	2519147	2491213	2497300	0.78	cps
Calcium	44-1	40699955	40874146	40881879	40818660	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	164263	165130	165240	164878	0.32	cps
Cobalt	59-2	136985	137796	137026	137269	0.33	cps
Copper	63-2	123289	122792	122083	122722	0.49	cps
Dysprosium	156-1	87	67	73	76	13.48	cps
Dysprosium	156-2	33	57	40	43	27.74	cps
Erbium	164-1	110	163	93	122	29.92	cps
Erbium	164-2	107	113	60	93	31.14	cps
Gadolinium	160-1	153	150	97	133	23.85	cps
Gadolinium	160-2	710	760	717	729	3.72	cps
Holmium	165-1	15871301	16037302	15975194	15961266	0.53	cps
Holmium	165-2	11404954	11369764	11309239	11361319	0.43	cps
Indium	115-1	11060957	11013133	11167111	11080400	0.71	cps
Indium	115-2	4336219	4366330	4301304	4334618	0.75	cps
Iron	56-2	376765608	376685741	372132421	375194590	0.71	cps
Iron	57-2	9318426	9252474	9306772	9292557	0.38	cps
Iron	54-2	20222976	20178675	20192245	20197965	0.11	cps
Krypton	83-1	217	183	183	194	9.90	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:06:37 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	252269	252539	252964	252591	0.14	cps
Lead	207-1	205307	207946	207394	206883	0.67	cps
Lead	208-1	958990	965291	967352	963878	0.45	cps
Lithium	6-1	1610314	1557998	1583636	1583983	1.65	cps
Magnesium	24-2	30964267	31062814	30888555	30971879	0.28	cps
Manganese	55-2	90386	91834	90376	90865	0.92	cps
Molybdenum	94-1	5981848	6068692	5980869	6010469	0.84	cps
Molybdenum	95-1	10543588	10862112	10638798	10681499	1.53	cps
Molybdenum	96-1	11368379	11500003	11447665	11438682	0.58	cps
Molybdenum	97-1	6637751	6698295	6689203	6675083	0.49	cps
Molybdenum	98-1	17259019	17324558	17305067	17296215	0.19	cps
Neodymium	150-1	73	57	47	59	22.87	cps
Neodymium	150-2	30	40	17	29	40.51	cps
Nickel	60-2	42129	41280	41330	41580	1.15	cps
Phosphorus	31-2	947915	960797	948938	952550	0.75	cps
Potassium	39-2	43880046	44084901	43396139	43787029	0.81	cps
Rhodium	103-1	9655996	9745300	9836955	9746084	0.93	cps
Rhodium	103-2	6138908	6071342	6102677	6104309	0.55	cps
Scandium	45-1	5464577	5439534	5455103	5453072	0.23	cps
Scandium	45-2	484483	487653	485954	486030	0.33	cps
Selenium	82-1	3781	3748	3981	3837	3.29	cps
Selenium	77-2	320	357	383	353	9.00	cps
Selenium	78-2	1563	1720	1540	1608	6.09	cps
Silicon	28-1	784746	784101	788685	785844	0.32	cps
Silver	107-1	264227	267307	270912	267482	1.25	cps
Silver	109-1	253826	257955	258433	256738	0.99	cps
Sodium	23-2	53940096	53974413	53937136	53950548	0.04	cps
Strontium	86-1	117128	117739	116822	117230	0.40	cps
Strontium	88-1	1025227	1043556	1043867	1037550	1.03	cps
Sulfur	34-1	3598326	3627820	3682028	3636058	1.17	cps
Terbium	159-1	15597809	15862565	15724141	15728172	0.84	cps
Terbium	159-2	11091405	10973861	10901626	10988964	0.87	cps
Thallium	203-1	251660	252174	253127	252320	0.30	cps
Thallium	205-1	599522	603664	606551	603246	0.59	cps
Tin	118-1	2634	2630	2710	2658	1.70	cps
Titanium	47-1	2403034	2422770	2403630	2409811	0.47	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:06:37 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	657	667	677	667	1.50	cps
Vanadium	51-2	71388	71971	70681	71346	0.91	cps
Yttrium	89-1	16886198	16910031	16911417	16902549	0.08	cps
Yttrium	89-2	4836885	4857099	4840977	4844987	0.22	cps
Zinc	66-2	25088	24941	24353	24794	1.57	cps
Zirconium	90-1	943	1067	983	998	6.31	cps
Zirconium	91-1	147	160	207	171	18.41	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:09:41 DataFile Name : 020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9693088	9590258	9586663	9623337	0.63	cps
Antimony	121-1	5315793	5387673	5364284	5355917	0.68	cps
Arsenic	75-2	260118	257131	257734	258328	0.61	cps
Barium	135-1	7171415	7266378	7179467	7205753	0.73	cps
Barium	137-1	12524781	12449956	12494287	12489675	0.30	cps
Beryllium	9-1	548984	557171	558283	554813	0.92	cps
Bismuth	209-1	9287230	9202692	9177988	9222637	0.62	cps
Bismuth	209-2	7363868	7275646	7080451	7239988	2.00	cps
Bromine	81-1	14814	14397	14274	14495	1.95	cps
Bromine	81-2	80	103	73	86	18.41	cps
Cadmium	108-1	96075	97927	98270	97424	1.21	cps
Cadmium	106-1	150133	151763	151521	151139	0.58	cps
Cadmium	111-1	1302561	1325417	1313470	1313816	0.87	cps
Calcium	43-1	6087191	6115733	6107251	6103392	0.24	cps
Calcium	44-1	100036629	100645739	100656512	100446293	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1906137	1900582	1916755	1907825	0.43	cps
Cobalt	59-2	2992738	2960171	2929810	2960906	1.06	cps
Copper	63-2	20992749	20905436	20896691	20931625	0.25	cps
Dysprosium	156-1	460	397	423	427	7.45	cps
Dysprosium	156-2	587	643	663	631	6.30	cps
Erbium	164-1	373	333	397	368	8.71	cps
Erbium	164-2	247	290	303	280	10.58	cps
Gadolinium	160-1	347	340	370	352	4.47	cps
Gadolinium	160-2	757	823	753	778	5.08	cps
Holmium	165-1	15767770	15747544	15713364	15742892	0.17	cps
Holmium	165-2	11052479	11053127	10527465	10877691	2.79	cps
Indium	115-1	10821082	10705575	10622332	10716330	0.93	cps
Indium	115-2	4182078	4119751	3956285	4086038	2.85	cps
Iron	56-2	449417913	449387073	448485740	449096909	0.12	cps
Iron	57-2	11304899	11157739	11053145	11171928	1.13	cps
Iron	54-2	24248303	24146210	24169030	24187848	0.22	cps
Krypton	83-1	190	193	193	192	1.00	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:09:41 DataFile Name : 020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23846735	24156582	24082907	24028742	0.67	cps
Lead	207-1	20614119	20962290	20841651	20806020	0.85	cps
Lead	208-1	94202509	95441536	94983607	94875884	0.66	cps
Lithium	6-1	1562315	1528802	1553198	1548105	1.12	cps
Magnesium	24-2	77867851	77447116	77275146	77530037	0.39	cps
Manganese	55-2	15216553	15173883	15066736	15152390	0.51	cps
Molybdenum	94-1	18043260	18296445	18195677	18178461	0.70	cps
Molybdenum	95-1	26140787	26302099	26118006	26186964	0.38	cps
Molybdenum	96-1	28307729	28625515	28656221	28529822	0.68	cps
Molybdenum	97-1	16102387	16367786	16257859	16242677	0.82	cps
Molybdenum	98-1	42136973	42772819	42164847	42358213	0.85	cps
Neodymium	150-1	570	510	500	527	7.19	cps
Neodymium	150-2	207	197	167	190	10.96	cps
Nickel	60-2	726220	722456	720149	722942	0.42	cps
Phosphorus	31-2	91622	91310	91538	91490	0.18	cps
Potassium	39-2	54502484	54128651	53274608	53968581	1.17	cps
Rhodium	103-1	9341028	9333957	9276252	9317079	0.38	cps
Rhodium	103-2	5851310	5717565	5517060	5695312	2.95	cps
Scandium	45-1	5418219	5340315	5374173	5377569	0.73	cps
Scandium	45-2	479429	472596	451127	467718	3.16	cps
Selenium	82-1	74146	75044	74636	74609	0.60	cps
Selenium	77-2	8599	8109	8272	8327	3.00	cps
Selenium	78-2	28200	26868	27522	27530	2.42	cps
Silicon	28-1	29418034	29569481	29505755	29497757	0.26	cps
Silver	107-1	6242021	6362042	6306140	6303401	0.95	cps
Silver	109-1	6038211	6139684	6097808	6091901	0.84	cps
Sodium	23-2	133251895	131270518	132472588	132331667	0.75	cps
Strontium	86-1	1633731	1621197	1674917	1643282	1.71	cps
Strontium	88-1	14494069	14562008	14528945	14528341	0.23	cps
Sulfur	34-1	460067	464792	464699	463186	0.58	cps
Terbium	159-1	15411955	15781336	15529874	15574389	1.21	cps
Terbium	159-2	10665580	10433158	10151766	10416835	2.47	cps
Thallium	203-1	5892534	5981032	5982948	5952171	0.87	cps
Thallium	205-1	13893207	14271026	14203089	14122440	1.43	cps
Tin	118-1	4391548	4396186	4345643	4377792	0.64	cps
Titanium	47-1	5804361	5809858	5782542	5798920	0.25	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:09:41 DataFile Name : 020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19329941	19458188	19275953	19354694	0.48	cps
Vanadium	51-2	1688750	1687954	1690908	1689204	0.09	cps
Yttrium	89-1	16644032	16614346	16665486	16641288	0.15	cps
Yttrium	89-2	4655036	4620215	4432318	4569190	2.62	cps
Zinc	66-2	3464060	3451535	3458451	3458015	0.18	cps
Zirconium	90-1	8857307	8971957	8972262	8933842	0.74	cps
Zirconium	91-1	2011162	2022598	2002349	2012036	0.50	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:12:24 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1797	1687	1597	1693	5.92	cps
Antimony	121-1	2300	2014	1900	2071	9.95	cps
Arsenic	75-2	30	30	27	29	6.65	cps
Barium	135-1	1087	1090	867	1014	12.62	cps
Barium	137-1	1813	1790	1560	1721	8.14	cps
Beryllium	9-1	230	180	150	187	21.65	cps
Bismuth	209-1	9956856	9878270	10026743	9953956	0.75	cps
Bismuth	209-2	8285965	8237639	8202030	8241878	0.51	cps
Bromine	81-1	13970	13950	14491	14137	2.17	cps
Bromine	81-2	110	97	97	101	7.61	cps
Cadmium	108-1	77	47	27	50	50.33	cps
Cadmium	106-1	15742	15919	15625	15762	0.94	cps
Cadmium	111-1	11226	11357	11132	11238	1.01	cps
Calcium	43-1	1607	1447	1250	1435	12.45	cps
Calcium	44-1	30471	28614	25966	28350	7.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2894	2684	2534	2704	6.69	cps
Cobalt	59-2	383	427	350	387	9.94	cps
Copper	63-2	5104	4614	4517	4745	6.63	cps
Dysprosium	156-1	13	7	10	10	33.30	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	63	77	87	76	15.50	cps
Erbium	164-2	63	73	53	63	15.79	cps
Gadolinium	160-1	90	73	87	83	10.59	cps
Gadolinium	160-2	667	650	700	672	3.79	cps
Holmium	165-1	15736049	15778445	15641134	15718542	0.45	cps
Holmium	165-2	11263316	11367267	11389056	11339879	0.59	cps
Indium	115-1	11295884	11246567	11256821	11266424	0.23	cps
Indium	115-2	4453658	4467210	4461629	4460832	0.15	cps
Iron	56-2	83738	77538	73525	78267	6.57	cps
Iron	57-2	2550	2480	2677	2569	3.88	cps
Iron	54-2	5638	5441	5258	5445	3.49	cps
Krypton	83-1	157	167	180	168	6.98	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:12:24 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4841	4891	4101	4611	9.60	cps
Lead	207-1	4411	3864	3444	3906	12.41	cps
Lead	208-1	19733	18562	15867	18054	10.98	cps
Lithium	6-1	1654092	1633521	1633274	1640296	0.73	cps
Magnesium	24-2	8356	7685	7025	7689	8.65	cps
Manganese	55-2	1530	1523	1437	1497	3.48	cps
Molybdenum	94-1	4094	3784	3260	3713	11.35	cps
Molybdenum	95-1	5334	4841	4284	4820	10.90	cps
Molybdenum	96-1	6041	5381	5068	5497	9.04	cps
Molybdenum	97-1	3514	3207	2790	3170	11.45	cps
Molybdenum	98-1	8402	8509	7062	7991	10.09	cps
Neodymium	150-1	0	3	3	2	86.60	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	917	920	1017	951	5.97	cps
Phosphorus	31-2	250	210	190	217	14.10	cps
Potassium	39-2	50500	51246	50473	50740	0.86	cps
Rhodium	103-1	10080146	10232718	10108429	10140431	0.80	cps
Rhodium	103-2	6468210	6383467	6456227	6435968	0.71	cps
Scandium	45-1	5302701	5387724	5368259	5352895	0.83	cps
Scandium	45-2	482458	480665	481407	481510	0.19	cps
Selenium	82-1	533	561	562	552	2.91	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	357	410	390	386	6.99	cps
Silicon	28-1	685598	687083	691639	688107	0.46	cps
Silver	107-1	1773	1670	1503	1649	8.26	cps
Silver	109-1	1920	1563	1207	1563	22.82	cps
Sodium	23-2	50385	49529	47694	49203	2.80	cps
Strontium	86-1	490	533	530	518	4.66	cps
Strontium	88-1	2504	2217	2037	2252	10.45	cps
Sulfur	34-1	130841	129483	132912	131078	1.32	cps
Terbium	159-1	15775384	15601415	15583577	15653458	0.68	cps
Terbium	159-2	10943179	10784194	10937377	10888250	0.83	cps
Thallium	203-1	1910	1783	1843	1846	3.43	cps
Thallium	205-1	4848	4311	3934	4364	10.52	cps
Tin	118-1	2207	2070	1987	2088	5.32	cps
Titanium	47-1	1087	1040	1010	1046	3.70	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:12:24 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2804	2600	2134	2512	13.68	cps
Vanadium	51-2	140	110	113	121	13.58	cps
Yttrium	89-1	16746181	16847872	16723015	16772356	0.40	cps
Yttrium	89-2	4812367	4732601	4816458	4787142	0.99	cps
Zinc	66-2	757	757	560	691	16.43	cps
Zirconium	90-1	2777	2607	2310	2565	9.21	cps
Zirconium	91-1	570	620	420	537	19.39	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BL Instrumnet Name : P7
Client Sample ID : PBS079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:15:39 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347	387	333	356	7.81	cps
Antimony	121-1	563	573	577	571	1.21	cps
Arsenic	75-2	23	23	17	21	18.21	cps
Barium	135-1	263	200	203	222	16.04	cps
Barium	137-1	510	400	293	401	27.01	cps
Beryllium	9-1	137	93	90	107	24.41	cps
Bismuth	209-1	10130095	10136484	10080396	10115659	0.30	cps
Bismuth	209-2	8263946	8205630	8326923	8265500	0.73	cps
Bromine	81-1	14838	15618	15258	15238	2.56	cps
Bromine	81-2	113	110	107	110	3.03	cps
Cadmium	108-1	50	57	37	48	21.31	cps
Cadmium	106-1	16583	16890	16233	16568	1.99	cps
Cadmium	111-1	11620	11860	11427	11636	1.86	cps
Calcium	43-1	633	497	533	554	12.76	cps
Calcium	44-1	15558	14377	13767	14567	6.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2630	2460	2607	2566	3.59	cps
Cobalt	59-2	147	227	203	192	21.40	cps
Copper	63-2	3194	3067	3180	3147	2.21	cps
Dysprosium	156-1	10	7	0	6	91.64	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	93	113	80	96	17.56	cps
Erbium	164-2	47	50	67	54	19.68	cps
Gadolinium	160-1	117	70	80	89	27.64	cps
Gadolinium	160-2	617	670	677	654	5.02	cps
Holmium	165-1	15982591	16102039	16056326	16046985	0.38	cps
Holmium	165-2	11422111	11390238	11575968	11462772	0.87	cps
Indium	115-1	11607914	11542841	11409032	11519929	0.88	cps
Indium	115-2	4515171	4537585	4536343	4529700	0.28	cps
Iron	56-2	37219	36611	35131	36320	2.96	cps
Iron	57-2	1593	1557	1567	1572	1.21	cps
Iron	54-2	3170	3284	3170	3208	2.04	cps
Krypton	83-1	183	170	187	180	4.90	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BL Instrumnet Name : P7
Client Sample ID : PBS079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:15:39 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1787	1817	1343	1649	16.07	cps
Lead	207-1	1563	1293	1340	1399	10.32	cps
Lead	208-1	7071	6297	5764	6377	10.30	cps
Lithium	6-1	1656470	1640678	1623782	1640310	1.00	cps
Magnesium	24-2	1933	1807	1700	1813	6.44	cps
Manganese	55-2	677	617	597	630	6.61	cps
Molybdenum	94-1	1093	1013	953	1020	6.89	cps
Molybdenum	95-1	1390	1203	1133	1242	10.68	cps
Molybdenum	96-1	1623	1387	1227	1412	14.13	cps
Molybdenum	97-1	910	680	713	768	16.19	cps
Molybdenum	98-1	2180	1920	1707	1936	12.25	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	867	963	990	940	6.90	cps
Phosphorus	31-2	207	223	170	200	13.64	cps
Potassium	39-2	44428	43753	44217	44133	0.78	cps
Rhodium	103-1	10598794	10554703	10614181	10589226	0.29	cps
Rhodium	103-2	6603394	6582375	6618606	6601458	0.28	cps
Scandium	45-1	5498323	5529952	5583654	5537310	0.78	cps
Scandium	45-2	496550	494094	500086	496910	0.61	cps
Selenium	82-1	543	574	554	557	2.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	363	400	390	384	4.93	cps
Silicon	28-1	710873	713917	708410	711067	0.39	cps
Silver	107-1	440	427	390	419	6.18	cps
Silver	109-1	410	330	343	361	11.87	cps
Sodium	23-2	31422	31886	31028	31445	1.37	cps
Strontium	86-1	327	400	350	359	10.44	cps
Strontium	88-1	693	570	473	579	19.05	cps
Sulfur	34-1	140229	139449	140465	140048	0.38	cps
Terbium	159-1	15838549	15935909	15929599	15901352	0.34	cps
Terbium	159-2	11005312	10945958	10934485	10961919	0.35	cps
Thallium	203-1	860	910	810	860	5.81	cps
Thallium	205-1	1990	2000	1823	1938	5.12	cps
Tin	118-1	1627	1443	1480	1517	6.40	cps
Titanium	47-1	290	300	190	260	23.40	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BL Instrumnet Name : P7
Client Sample ID : PBS079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:15:39 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	627	520	393	513	22.76	cps
Vanadium	51-2	53	27	47	42	32.86	cps
Yttrium	89-1	17337421	17074291	17096787	17169500	0.85	cps
Yttrium	89-2	4938854	4847237	4911401	4899164	0.96	cps
Zinc	66-2	427	370	407	401	7.17	cps
Zirconium	90-1	1217	1097	1143	1152	5.25	cps
Zirconium	91-1	297	220	170	229	27.87	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BS Instrumnet Name : P7
Client Sample ID : LCS079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:18:57 DataFile Name : 023PB166079BSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7945	7982	8276	8068	2.24	cps
Antimony	121-1	45910	45712	45957	45860	0.28	cps
Arsenic	75-2	1233	1250	1300	1261	2.75	cps
Barium	135-1	58587	57984	58576	58382	0.59	cps
Barium	137-1	100764	100511	101740	101005	0.64	cps
Beryllium	9-1	2624	2534	2567	2575	1.77	cps
Bismuth	209-1	10045182	9891881	10017710	9984925	0.82	cps
Bismuth	209-2	8325965	8249273	8288816	8288018	0.46	cps
Bromine	81-1	15422	15198	15565	15395	1.20	cps
Bromine	81-2	143	143	137	141	2.73	cps
Cadmium	108-1	493	407	427	442	10.26	cps
Cadmium	106-1	17043	16543	16550	16712	1.72	cps
Cadmium	111-1	17490	17117	17337	17315	1.08	cps
Calcium	43-1	26837	26113	26877	26609	1.62	cps
Calcium	44-1	444482	445710	444931	445041	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18635	18552	18785	18657	0.63	cps
Cobalt	59-2	13630	13500	13743	13624	0.89	cps
Copper	63-2	22557	22260	22283	22367	0.74	cps
Dysprosium	156-1	23	7	13	14	58.06	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	80	60	57	66	19.25	cps
Erbium	164-2	53	53	53	53	0.00	cps
Gadolinium	160-1	67	87	90	81	15.56	cps
Gadolinium	160-2	583	713	687	661	10.39	cps
Holmium	165-1	15863828	15677259	15706539	15749209	0.64	cps
Holmium	165-2	11548003	11449047	11294770	11430607	1.12	cps
Indium	115-1	11636903	11563594	11653356	11617951	0.41	cps
Indium	115-2	4577793	4578670	4561384	4572616	0.21	cps
Iron	56-2	1624053	1623626	1620821	1622833	0.11	cps
Iron	57-2	41524	42156	42433	42037	1.11	cps
Iron	54-2	91083	90698	91137	90972	0.26	cps
Krypton	83-1	167	210	173	183	12.73	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BS Instrumnet Name : P7
Client Sample ID : LCS079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:18:57 DataFile Name : 023PB166079BSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20916	21000	21016	20977	0.26	cps
Lead	207-1	18199	17869	17849	17972	1.10	cps
Lead	208-1	82755	82779	82451	82662	0.22	cps
Lithium	6-1	1662566	1652688	1623482	1646245	1.23	cps
Magnesium	24-2	321448	318784	315514	318582	0.93	cps
Manganese	55-2	6895	7015	6915	6942	0.93	cps
Molybdenum	94-1	45206	44691	45681	45193	1.10	cps
Molybdenum	95-1	53420	54394	54170	53995	0.94	cps
Molybdenum	96-1	59256	60166	60829	60084	1.31	cps
Molybdenum	97-1	34587	34020	33752	34120	1.25	cps
Molybdenum	98-1	86719	86243	87517	86826	0.74	cps
Neodymium	150-1	7	17	20	14	48.02	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	4277	4164	4474	4305	3.64	cps
Phosphorus	31-2	610	743	647	667	10.33	cps
Potassium	39-2	518036	514461	514705	515734	0.39	cps
Rhodium	103-1	10444626	10547194	10543317	10511712	0.55	cps
Rhodium	103-2	6583340	6642133	6636607	6620693	0.49	cps
Scandium	45-1	5650599	5635520	5623229	5636449	0.24	cps
Scandium	45-2	508320	505200	500812	504778	0.75	cps
Selenium	82-1	2346	2291	2248	2295	2.14	cps
Selenium	77-2	243	187	203	211	13.80	cps
Selenium	78-2	1043	1073	1033	1050	1.98	cps
Silicon	28-1	813600	821496	828663	821253	0.92	cps
Silver	107-1	27793	28281	28164	28079	0.91	cps
Silver	109-1	26948	26972	27312	27078	0.75	cps
Sodium	23-2	557434	560699	557902	558678	0.32	cps
Strontium	86-1	7329	6978	6972	7093	2.88	cps
Strontium	88-1	60751	61337	60377	60822	0.80	cps
Sulfur	34-1	144835	147982	147147	146654	1.11	cps
Terbium	159-1	15692821	15661069	15808901	15720931	0.50	cps
Terbium	159-2	11079632	10945639	10880633	10968634	0.93	cps
Thallium	203-1	25347	24566	25080	24998	1.59	cps
Thallium	205-1	58793	59503	59135	59143	0.60	cps
Tin	118-1	95336	94886	95339	95187	0.27	cps
Titanium	47-1	3120	2860	3077	3019	4.61	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BS Instrumnet Name : P7
Client Sample ID : LCS079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:18:57 DataFile Name : 023PB166079BSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	72524	73297	72997	72939	0.53	cps
Vanadium	51-2	36701	35979	36561	36414	1.05	cps
Yttrium	89-1	17216346	17138748	17138765	17164620	0.26	cps
Yttrium	89-2	4927165	4947657	4925225	4933349	0.25	cps
Zinc	66-2	8699	8452	8419	8524	1.80	cps
Zirconium	90-1	36906	37307	37621	37278	0.96	cps
Zirconium	91-1	8096	8239	8743	8359	4.07	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BSD Instrumnet Name : P7
Client Sample ID : LCSD079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:22:11 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4251	4221	4257	4243	0.46	cps
Antimony	121-1	23035	23326	22948	23103	0.86	cps
Arsenic	75-2	640	580	587	602	5.46	cps
Barium	135-1	29507	29220	29223	29317	0.56	cps
Barium	137-1	51098	51192	50586	50959	0.64	cps
Beryllium	9-1	1280	1397	1363	1347	4.46	cps
Bismuth	209-1	10043684	10077378	9980249	10033770	0.49	cps
Bismuth	209-2	8247400	8185484	8106482	8179789	0.86	cps
Bromine	81-1	15652	16039	16049	15913	1.42	cps
Bromine	81-2	120	77	100	99	21.93	cps
Cadmium	108-1	280	290	230	267	12.06	cps
Cadmium	106-1	17084	16837	16052	16657	3.23	cps
Cadmium	111-1	14786	14550	14053	14463	2.59	cps
Calcium	43-1	13740	13700	13626	13689	0.42	cps
Calcium	44-1	230528	231415	231699	231214	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11128	10707	11047	10961	2.04	cps
Cobalt	59-2	6938	7042	7098	7026	1.16	cps
Copper	63-2	12919	12695	12665	12760	1.09	cps
Dysprosium	156-1	13	20	10	14	35.26	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	103	77	80	87	16.77	cps
Erbium	164-2	80	67	67	71	10.82	cps
Gadolinium	160-1	93	110	90	98	10.96	cps
Gadolinium	160-2	553	550	670	591	11.56	cps
Holmium	165-1	15844174	15943969	15982000	15923381	0.45	cps
Holmium	165-2	11511822	11319666	11485877	11439121	0.91	cps
Indium	115-1	11673860	11537340	11496860	11569353	0.80	cps
Indium	115-2	4591751	4519278	4613267	4574766	1.08	cps
Iron	56-2	838186	833108	837582	836292	0.33	cps
Iron	57-2	21686	21789	22891	22122	3.02	cps
Iron	54-2	47250	47254	47087	47197	0.20	cps
Krypton	83-1	160	217	163	180	17.67	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BSD Instrumnet Name : P7
Client Sample ID : LCSD079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:22:11 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10858	10901	11178	10979	1.58	cps
Lead	207-1	9163	9360	9287	9270	1.07	cps
Lead	208-1	41945	43007	42967	42640	1.41	cps
Lithium	6-1	1656331	1635139	1648767	1646745	0.65	cps
Magnesium	24-2	162642	161040	163960	162547	0.90	cps
Manganese	55-2	3634	3667	3654	3652	0.46	cps
Molybdenum	94-1	22274	22638	22588	22500	0.88	cps
Molybdenum	95-1	27312	27416	27736	27488	0.80	cps
Molybdenum	96-1	30549	30017	30969	30512	1.56	cps
Molybdenum	97-1	17110	17674	17170	17318	1.79	cps
Molybdenum	98-1	44819	44715	44357	44630	0.54	cps
Neodymium	150-1	13	10	10	11	17.30	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	2724	2857	2674	2751	3.45	cps
Phosphorus	31-2	480	380	387	416	13.45	cps
Potassium	39-2	284245	286263	286753	285754	0.47	cps
Rhodium	103-1	10596724	10525807	10589127	10570552	0.37	cps
Rhodium	103-2	6668942	6719805	6648678	6679142	0.55	cps
Scandium	45-1	5635548	5621590	5700082	5652407	0.74	cps
Scandium	45-2	511340	507569	509791	509566	0.37	cps
Selenium	82-1	1450	1343	1454	1416	4.46	cps
Selenium	77-2	100	117	80	99	18.57	cps
Selenium	78-2	690	740	753	728	4.59	cps
Silicon	28-1	794528	801523	796139	797397	0.46	cps
Silver	107-1	14537	13983	14314	14278	1.95	cps
Silver	109-1	13683	13947	13263	13631	2.53	cps
Sodium	23-2	293438	296499	298435	296124	0.85	cps
Strontium	86-1	3644	3714	3711	3689	1.07	cps
Strontium	88-1	30796	30532	30589	30639	0.45	cps
Sulfur	34-1	152034	151522	153388	152315	0.63	cps
Terbium	159-1	15781035	15795907	15813369	15796771	0.10	cps
Terbium	159-2	11060573	10708110	10895542	10888075	1.62	cps
Thallium	203-1	12759	13190	12789	12913	1.86	cps
Thallium	205-1	30340	30070	30571	30327	0.83	cps
Tin	118-1	48582	49501	48053	48712	1.50	cps
Titanium	47-1	1560	1600	1670	1610	3.46	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : PB166079BSD Instrumnet Name : P7
Client Sample ID : LCSD079 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:22:11 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35815	36012	36193	36007	0.52	cps
Vanadium	51-2	18421	18745	18662	18609	0.90	cps
Yttrium	89-1	17435380	17244711	17286282	17322125	0.58	cps
Yttrium	89-2	5000818	4977033	4980277	4986043	0.26	cps
Zinc	66-2	4421	4634	4567	4541	2.40	cps
Zirconium	90-1	19466	19326	18996	19263	1.25	cps
Zirconium	91-1	4321	4207	4314	4281	1.49	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : P4317-08 Instrumnet Name : P7
Client Sample ID : MYDB99 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:34:18 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7628313	7584749	7507195	7573419	0.81	cps
Antimony	121-1	10050	9904	9653	9869	2.03	cps
Arsenic	75-2	68661	67583	68430	68225	0.83	cps
Barium	135-1	853218	862703	860506	858809	0.58	cps
Barium	137-1	1476494	1478338	1487591	1480808	0.40	cps
Beryllium	9-1	1483	1533	1497	1505	1.72	cps
Bismuth	209-1	9940373	9828363	9831797	9866844	0.65	cps
Bismuth	209-2	8185526	8059156	8155557	8133413	0.81	cps
Bromine	81-1	18332	18669	18438	18479	0.93	cps
Bromine	81-2	1070	923	977	990	7.50	cps
Cadmium	108-1	413	423	427	421	1.65	cps
Cadmium	106-1	17915	18041	17584	17847	1.32	cps
Cadmium	111-1	14728	14753	14317	14599	1.68	cps
Calcium	43-1	958893	955394	949105	954464	0.52	cps
Calcium	44-1	15147182	15262338	15114560	15174693	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	545320	545241	541846	544136	0.36	cps
Cobalt	59-2	372548	370779	367661	370329	0.67	cps
Copper	63-2	1108775	1107621	1094605	1103667	0.71	cps
Dysprosium	156-1	78172	76969	76423	77188	1.16	cps
Dysprosium	156-2	69538	68690	69819	69349	0.85	cps
Erbium	164-1	66531	67449	67187	67055	0.71	cps
Erbium	164-2	48400	49032	48276	48570	0.84	cps
Gadolinium	160-1	72255	73595	71113	72321	1.72	cps
Gadolinium	160-2	55011	54958	54345	54771	0.68	cps
Holmium	165-1	15996659	16131606	16009107	16045791	0.46	cps
Holmium	165-2	11657386	11511897	11642574	11603953	0.69	cps
Indium	115-1	11619985	11654957	11487450	11587464	0.76	cps
Indium	115-2	4629586	4522748	4543675	4565336	1.24	cps
Iron	56-2	380808541	375146128	373772688	376575785	0.99	cps
Iron	57-2	9358140	9309164	9202654	9289986	0.86	cps
Iron	54-2	20500703	20326378	20290643	20372575	0.55	cps
Krypton	83-1	280	210	250	247	14.24	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : P4317-08 Instrumnet Name : P7
Client Sample ID : MYDB99 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:34:18 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1876941	1857395	1877042	1870459	0.60	cps
Lead	207-1	1502459	1512625	1500212	1505099	0.44	cps
Lead	208-1	7188092	7240794	7220287	7216391	0.37	cps
Lithium	6-1	1653042	1652967	1632664	1646224	0.71	cps
Magnesium	24-2	7842532	7882104	7747316	7823984	0.89	cps
Manganese	55-2	6841190	6735157	6706199	6760849	1.05	cps
Molybdenum	94-1	70298	69651	69085	69678	0.87	cps
Molybdenum	95-1	7916	8102	8016	8011	1.17	cps
Molybdenum	96-1	24831	24634	23956	24474	1.87	cps
Molybdenum	97-1	4908	4844	4874	4875	0.65	cps
Molybdenum	98-1	12345	12072	12068	12162	1.31	cps
Neodymium	150-1	125741	125617	125327	125562	0.17	cps
Neodymium	150-2	78594	80116	78373	79028	1.20	cps
Nickel	60-2	161176	160893	159091	160386	0.71	cps
Phosphorus	31-2	21388	20714	21138	21080	1.62	cps
Potassium	39-2	3391378	3368055	3394442	3384625	0.43	cps
Rhodium	103-1	10556353	10458259	10339462	10451358	1.04	cps
Rhodium	103-2	6542548	6514213	6511756	6522839	0.26	cps
Scandium	45-1	6101527	6145405	6053585	6100173	0.75	cps
Scandium	45-2	540693	541223	538123	540013	0.31	cps
Selenium	82-1	679	778	722	726	6.80	cps
Selenium	77-2	203	147	167	172	16.69	cps
Selenium	78-2	567	523	530	540	4.32	cps
Silicon	28-1	1803071	1769076	1740266	1770804	1.78	cps
Silver	107-1	4474	4391	4451	4439	0.97	cps
Silver	109-1	4147	4024	4191	4121	2.10	cps
Sodium	23-2	234366	233947	234498	234270	0.12	cps
Strontium	86-1	404954	400772	404027	403251	0.54	cps
Strontium	88-1	3621521	3615029	3558196	3598249	0.97	cps
Sulfur	34-1	167554	162184	161615	163784	2.00	cps
Terbium	159-1	16033154	16240077	15929806	16067679	0.98	cps
Terbium	159-2	11135362	11078599	11036576	11083512	0.45	cps
Thallium	203-1	3721	3821	3974	3838	3.33	cps
Thallium	205-1	9290	9570	8920	9260	3.52	cps
Tin	118-1	55399	56296	56578	56091	1.10	cps
Titanium	47-1	984438	988097	969952	980829	0.98	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : P4317-08 Instrumnet Name : P7
Client Sample ID : MYDB99 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:34:18 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36477	37005	37202	36895	1.02	cps
Vanadium	51-2	883992	888037	874865	882298	0.76	cps
Yttrium	89-1	18673191	18456146	18466889	18532075	0.66	cps
Yttrium	89-2	5293634	5314827	5241957	5283473	0.71	cps
Zinc	66-2	261481	259758	258699	259979	0.54	cps
Zirconium	90-1	175353	173256	173670	174093	0.64	cps
Zirconium	91-1	38778	39904	39086	39256	1.48	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:37:22 DataFile Name : 026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9492413	9467274	9527779	9495822	0.32	cps
Antimony	121-1	5169792	5180248	5191687	5180576	0.21	cps
Arsenic	75-2	251903	253326	251469	252233	0.39	cps
Barium	135-1	7029598	7065564	7044135	7046432	0.26	cps
Barium	137-1	12096307	12239377	12098223	12144636	0.68	cps
Beryllium	9-1	561605	569894	568375	566625	0.78	cps
Bismuth	209-1	9031555	8981543	9011242	9008113	0.28	cps
Bismuth	209-2	7315106	7319164	7294981	7309750	0.18	cps
Bromine	81-1	13843	13616	13777	13745	0.85	cps
Bromine	81-2	93	87	103	94	8.88	cps
Cadmium	108-1	94784	94455	95612	94950	0.63	cps
Cadmium	106-1	146830	148652	150723	148735	1.31	cps
Cadmium	111-1	1275947	1288234	1289378	1284519	0.58	cps
Calcium	43-1	5950814	6035401	5949315	5978510	0.82	cps
Calcium	44-1	97775525	98813212	99113502	98567413	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1867816	1877574	1872409	1872600	0.26	cps
Cobalt	59-2	2869416	2894972	2906837	2890409	0.66	cps
Copper	63-2	20453040	20424396	20573161	20483532	0.39	cps
Dysprosium	156-1	387	410	470	422	10.18	cps
Dysprosium	156-2	557	647	697	633	11.20	cps
Erbium	164-1	393	337	360	363	7.84	cps
Erbium	164-2	283	280	200	254	18.54	cps
Gadolinium	160-1	310	337	403	350	13.73	cps
Gadolinium	160-2	703	713	817	744	8.43	cps
Holmium	165-1	15320628	15303852	15235301	15286594	0.30	cps
Holmium	165-2	10987074	10988638	11161196	11045636	0.91	cps
Indium	115-1	10412448	10531059	10467696	10470401	0.57	cps
Indium	115-2	4043557	4108430	4069038	4073675	0.80	cps
Iron	56-2	439089793	439951473	437965140	439002136	0.23	cps
Iron	57-2	10945716	11071823	10913529	10977023	0.76	cps
Iron	54-2	23492630	23752635	23594145	23613137	0.55	cps
Krypton	83-1	187	183	177	182	2.79	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:37:22 DataFile Name : 026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23061101	23653075	23623161	23445779	1.42	cps
Lead	207-1	19889341	20367070	20473543	20243318	1.54	cps
Lead	208-1	91572283	93426804	93100455	92699847	1.07	cps
Lithium	6-1	1598015	1591790	1573276	1587693	0.81	cps
Magnesium	24-2	76320622	76756282	76995267	76690724	0.45	cps
Manganese	55-2	14843139	14857100	14808935	14836391	0.17	cps
Molybdenum	94-1	17656511	17672346	17729969	17686276	0.22	cps
Molybdenum	95-1	25475303	25490595	25465503	25477134	0.05	cps
Molybdenum	96-1	27967754	27844630	27763589	27858658	0.37	cps
Molybdenum	97-1	15810812	15714506	15854862	15793393	0.45	cps
Molybdenum	98-1	41381336	40940908	41408385	41243543	0.64	cps
Neodymium	150-1	530	570	553	551	3.65	cps
Neodymium	150-2	143	173	220	179	21.59	cps
Nickel	60-2	712486	709226	705609	709107	0.49	cps
Phosphorus	31-2	89768	88960	91069	89932	1.18	cps
Potassium	39-2	52721134	52642401	53549713	52971083	0.95	cps
Rhodium	103-1	9150296	9117838	9115364	9127833	0.21	cps
Rhodium	103-2	5669947	5666649	5682352	5672983	0.15	cps
Scandium	45-1	5261220	5302785	5272305	5278770	0.41	cps
Scandium	45-2	466528	470425	470850	469268	0.51	cps
Selenium	82-1	72969	72542	72466	72659	0.37	cps
Selenium	77-2	8076	7685	8142	7968	3.10	cps
Selenium	78-2	27095	26941	26748	26928	0.65	cps
Silicon	28-1	29132327	29339091	29155737	29209052	0.39	cps
Silver	107-1	6182527	6221607	6137846	6180660	0.68	cps
Silver	109-1	5953572	5929474	5890371	5924472	0.54	cps
Sodium	23-2	130446808	131263918	130978345	130896357	0.32	cps
Strontium	86-1	1597391	1581046	1590277	1589571	0.52	cps
Strontium	88-1	14026332	14228622	14057718	14104224	0.77	cps
Sulfur	34-1	462203	458662	459909	460258	0.39	cps
Terbium	159-1	15312193	15256425	15205445	15258021	0.35	cps
Terbium	159-2	10438904	10442340	10615990	10499078	0.96	cps
Thallium	203-1	5764015	5792251	5835021	5797095	0.62	cps
Thallium	205-1	13690530	13796751	13882373	13789885	0.70	cps
Tin	118-1	4275835	4304375	4359009	4313073	0.98	cps
Titanium	47-1	5696060	5612384	5729114	5679186	1.06	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:37:22 DataFile Name : 026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18821436	18913910	18972461	18902602	0.40	cps
Vanadium	51-2	1666646	1688550	1689027	1681408	0.76	cps
Yttrium	89-1	16247388	16257120	16098013	16200840	0.55	cps
Yttrium	89-2	4609505	4552154	4633403	4598354	0.91	cps
Zinc	66-2	3422357	3403226	3365739	3397107	0.85	cps
Zirconium	90-1	8651983	8736629	8649942	8679518	0.57	cps
Zirconium	91-1	1965741	1962082	1965065	1964296	0.10	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:40:05 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1190	990	903	1028	14.31	cps
Antimony	121-1	2434	1990	1980	2135	12.13	cps
Arsenic	75-2	43	17	13	24	67.26	cps
Barium	135-1	1360	1137	893	1130	20.66	cps
Barium	137-1	2510	1923	1663	2032	21.34	cps
Beryllium	9-1	170	183	157	170	7.84	cps
Bismuth	209-1	9963911	9943640	9911361	9939638	0.27	cps
Bismuth	209-2	8189335	8241635	8054806	8161925	1.18	cps
Bromine	81-1	13673	13820	14144	13879	1.73	cps
Bromine	81-2	117	73	123	104	26.00	cps
Cadmium	108-1	63	50	40	51	22.90	cps
Cadmium	106-1	15722	15699	15959	15793	0.91	cps
Cadmium	111-1	11264	11171	11383	11273	0.94	cps
Calcium	43-1	1690	1437	1163	1430	18.42	cps
Calcium	44-1	31907	28364	24897	28389	12.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2634	2930	2667	2744	5.92	cps
Cobalt	59-2	470	447	307	408	21.66	cps
Copper	63-2	4164	4261	3921	4115	4.26	cps
Dysprosium	156-1	13	13	3	10	57.75	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	90	97	73	87	13.87	cps
Erbium	164-2	67	53	80	67	20.00	cps
Gadolinium	160-1	57	87	70	71	21.14	cps
Gadolinium	160-2	680	647	590	639	7.12	cps
Holmium	165-1	15579770	15721409	15695806	15665662	0.48	cps
Holmium	165-2	11144782	11262859	11249667	11219103	0.58	cps
Indium	115-1	11288620	11224726	11418164	11310503	0.87	cps
Indium	115-2	4436367	4431498	4406547	4424804	0.36	cps
Iron	56-2	76698	69460	65385	70514	8.13	cps
Iron	57-2	2370	2347	2367	2361	0.53	cps
Iron	54-2	5201	5101	4961	5088	2.37	cps
Krypton	83-1	157	180	147	161	10.62	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:40:05 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5768	4748	4031	4849	18.01	cps
Lead	207-1	4884	4227	3454	4188	17.10	cps
Lead	208-1	22538	18995	15754	19096	17.77	cps
Lithium	6-1	1662524	1640892	1654906	1652774	0.66	cps
Magnesium	24-2	7402	6622	5808	6610	12.06	cps
Manganese	55-2	1823	1650	1690	1721	5.27	cps
Molybdenum	94-1	4194	3684	3047	3642	15.78	cps
Molybdenum	95-1	5668	4884	4081	4878	16.27	cps
Molybdenum	96-1	6395	5234	4194	5274	20.87	cps
Molybdenum	97-1	3544	2884	2480	2969	18.08	cps
Molybdenum	98-1	9497	7715	6421	7878	19.60	cps
Neodymium	150-1	10	3	17	10	66.70	cps
Neodymium	150-2	17	3	3	8	99.04	cps
Nickel	60-2	900	947	970	939	3.80	cps
Phosphorus	31-2	147	200	203	183	17.34	cps
Potassium	39-2	49403	49122	48370	48965	1.09	cps
Rhodium	103-1	10070075	10078444	10225138	10124553	0.86	cps
Rhodium	103-2	6439910	6421365	6372186	6411154	0.55	cps
Scandium	45-1	5356655	5414113	5391382	5387383	0.54	cps
Scandium	45-2	487351	483364	481048	483921	0.66	cps
Selenium	82-1	535	474	536	515	6.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	393	330	323	349	11.07	cps
Silicon	28-1	680156	693299	692628	688695	1.07	cps
Silver	107-1	2184	1773	1483	1813	19.40	cps
Silver	109-1	1980	1583	1367	1643	18.93	cps
Sodium	23-2	47924	46246	45226	46465	2.93	cps
Strontium	86-1	627	670	490	596	15.78	cps
Strontium	88-1	3170	2784	2084	2679	20.56	cps
Sulfur	34-1	134835	137741	138043	136873	1.29	cps
Terbium	159-1	15321525	15431051	15437341	15396639	0.42	cps
Terbium	159-2	10804173	10712710	10717142	10744675	0.48	cps
Thallium	203-1	1947	1443	1440	1610	18.11	cps
Thallium	205-1	4437	3777	3184	3799	16.51	cps
Tin	118-1	2324	2310	2207	2280	2.80	cps
Titanium	47-1	1240	1030	880	1050	17.22	cps

LB Number : LB134279 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-08 12:40:05 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3374	2810	2200	2795	21.00	cps
Vanadium	51-2	140	110	160	137	18.41	cps
Yttrium	89-1	16477361	16655851	16734247	16622486	0.79	cps
Yttrium	89-2	4805226	4783023	4802846	4797032	0.25	cps
Zinc	66-2	727	673	570	657	12.13	cps
Zirconium	90-1	3064	2684	2264	2670	14.99	cps
Zirconium	91-1	607	633	537	592	8.43	cps