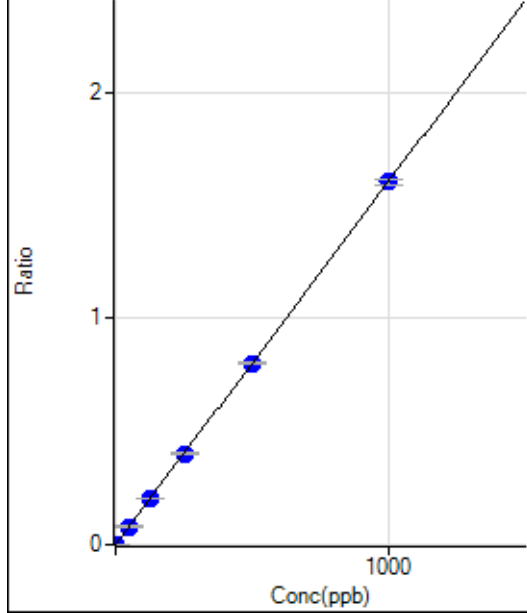


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7032025MS2.b\
Analysis File: P7032025MS2.batch.bin
DA Date-Time: 2025-03-20 18:54:17
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-03-20 15:48:24
2	006CALS.d	S02	2025-03-20 15:55:04
3	007CALS.d	S03	2025-03-20 15:58:22
4	009CALS.d	S04	2025-03-20 16:04:42
5	010CALS.d	S05	2025-03-20 16:07:45
6	011CALS.d	S06	2025-03-20 16:10:39
7	012CALS.d	S07	2025-03-20 16:13:29
8	014CALS.d	S08	2025-03-20 16:19:30

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	73.98	0.0001	P	25.6
2	☐	1.000	1.079	955.30	0.0019	P	4.2
3	☐	50.000	49.835	42075.86	0.0801	P	2.2
4	☐	125.000	125.746	102744.92	0.2018	P	0.5
5	☐	250.000	251.102	204677.95	0.4028	P	1.8
6	☐	500.000	500.463	403466.02	0.8026	P	1.4
7	☐	1000.000	999.408	808379.35	1.6027	P	1.6
8	☐			115.98	0.0002	P	23.6

$$y = 0.0016 * x + 1.4816E-004$$

R = 1.0000

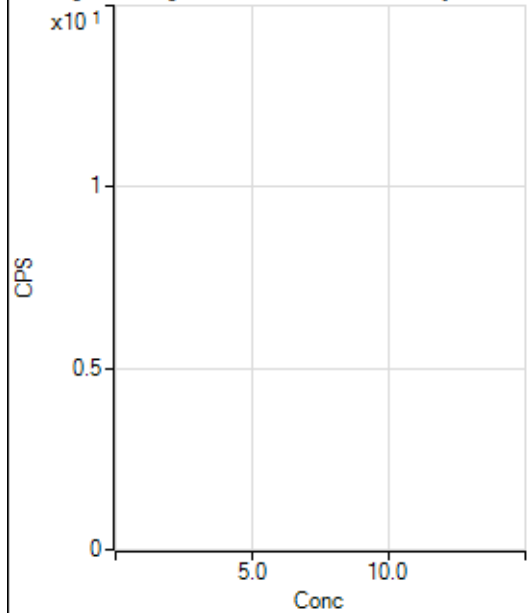
DL = 0.07109

BEC = 0.0924

Weight: <None>

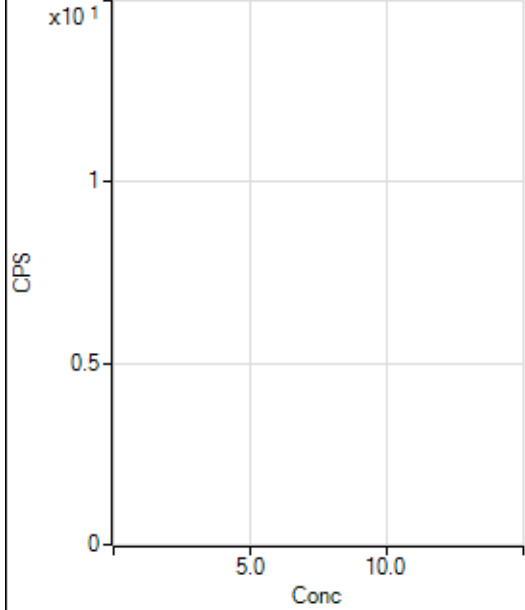
Min Conc: 0

12 C [No Gas] No available calibration points



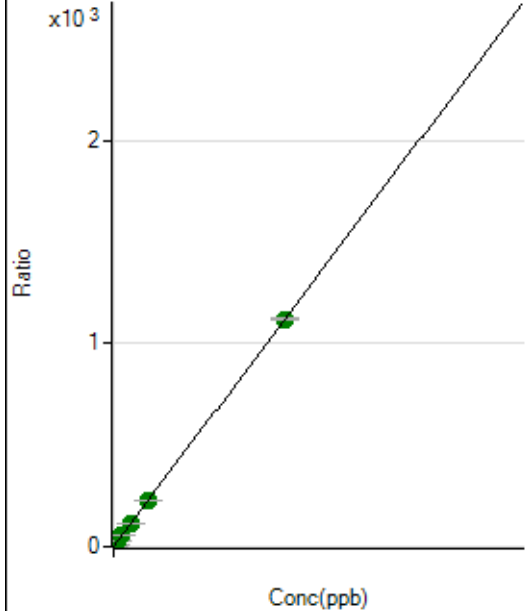
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	17136.30	0.1054	P	0.4
2	☐	500.000	469.785	194382.93	1.1546	P	0.7
3	☐	5000.000	5041.292	1940812.04	11.3640	A	1.8
4	☐	12500.000	12525.198	4593479.24	28.0777	A	2.4
5	☐	25000.000	25105.029	9178554.03	56.1721	A	1.9
6	☐	50000.000	50659.112	18751649.58	113.2416	A	0.8
7	☐	100000.00	100632.22	37736799.72	224.8458	A	1.5
8	☐	500000.00	499801.38	194106014.8	1,116.304	A	0.9

$$y = 0.0022 * x + 0.1054$$

$$R = 1.0000$$

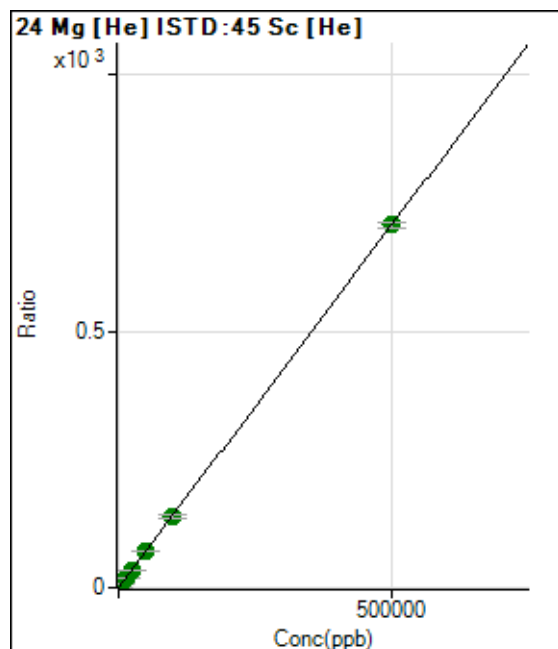
$$DL = 0.6247$$

$$BEC = 47.19$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	884.48	0.0054	P	7.0
2	☐	500.000	474.449	113766.39	0.6758	P	0.6
3	☐	5000.000	5012.684	1210449.40	7.0875	A	0.7
4	☐	12500.000	12639.595	2922507.18	17.8631	A	1.5
5	☐	25000.000	24992.547	5770632.00	35.3158	A	0.8
6	☐	50000.000	49805.190	11653540.38	70.3720	A	1.7
7	☐	100000.00	98178.351	23278482.71	138.7154	A	3.3
8	☐	500000.00	500380.59	122930919.2	706.9613	A	1.8

$$y = 0.0014 * x + 0.0054$$

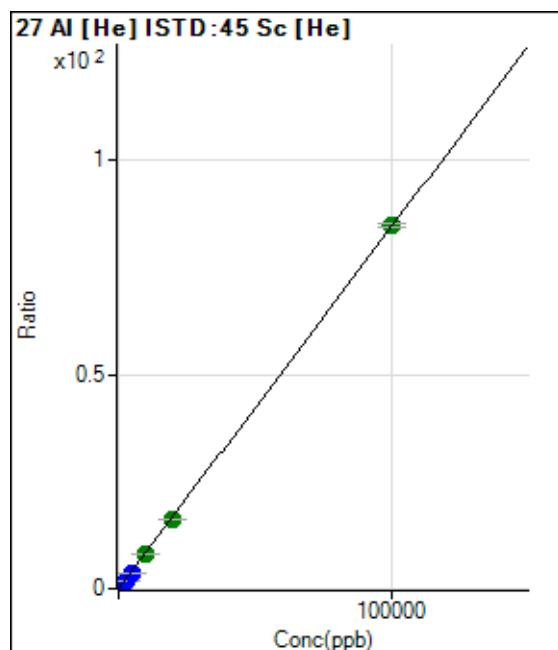
$$R = 1.0000$$

$$DL = 0.804$$

$$BEC = 3.849$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.00	0.0012	P	18.9
2	☐	20.000	17.589	2711.38	0.0161	P	3.4
3	☐	1000.000	861.293	124581.86	0.7294	P	0.7
4	☐	2500.000	2187.140	302743.25	1.8504	P	0.6
5	☐	5000.000	4309.221	595537.17	3.6446	P	0.6
6	☐	10000.000	9686.071	1356338.19	8.1907	A	1.0
7	☐	20000.000	19187.777	2722969.01	16.2243	A	1.6
8	☐	100000.00	100237.58	14736241.72	84.7512	A	0.9

$$y = 8.4549E-004 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 0.8264$$

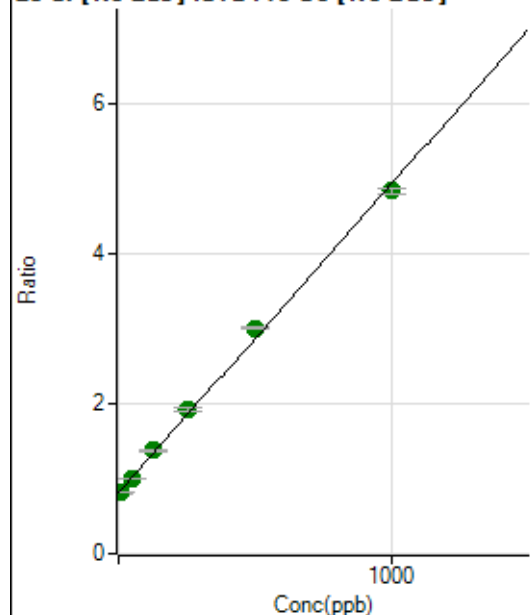
$$BEC = 1.456$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1600225.66	0.8140	A	1.5
2	☐	10.000	-0.433	1615265.50	0.8123	A	0.7
3	☐	50.000	43.902	2039924.83	0.9951	A	1.1
4	☐	125.000	136.255	2639247.11	1.3761	A	0.5
5	☐	250.000	269.895	3663749.15	1.9273	A	1.7
6	☐	500.000	533.804	5768942.90	3.0159	A	1.2
7	☐	1000.000	977.127	9297514.37	4.8445	A	1.6
8	☐			1570157.30	0.7598	A	3.3

$$y = 0.0041 * x + 0.8140$$

R = 0.9986

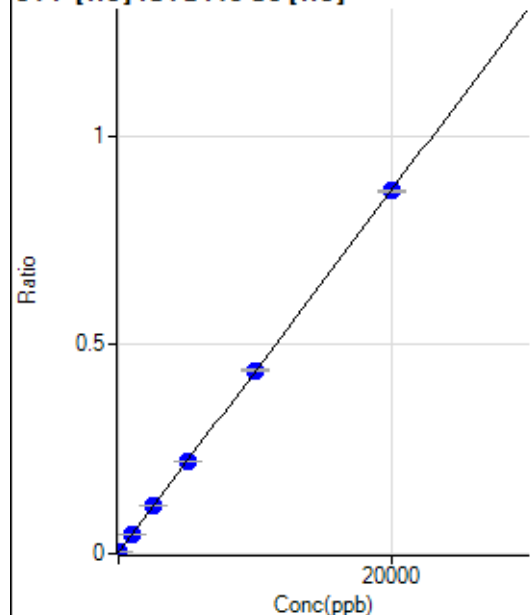
DL = 8.759

BEC = 197.4

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-14.681	457.79	0.0028	P	6.8
2	☐	0.000	14.681	688.91	0.0041	P	8.2
3	☐	1000.000	1012.321	8087.77	0.0474	P	3.1
4	☐	2500.000	2607.928	19070.87	0.1166	P	1.3
5	☐	5000.000	5013.863	36097.08	0.2209	P	1.1
6	☐	10000.000	10048.229	72738.71	0.4393	P	1.1
7	☐	20000.000	19958.313	145872.25	0.8691	P	0.3
8	☐			420.01	0.0024	P	11.6

$$y = 4.3371E-005 * x + 0.0035$$

R = 1.0000

DL = 18.18

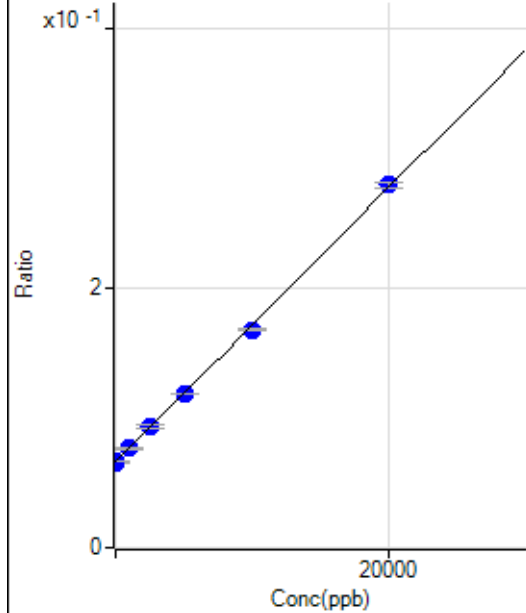
BEC = 79.63

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-93.882	127974.51	0.0651	P	1.8
2	☐	0.000	93.882	133414.87	0.0671	P	0.3
3	☐	1000.000	1020.214	157576.90	0.0769	P	1.8
4	☐	2500.000	2574.306	178931.63	0.0933	P	1.7
5	☐	5000.000	4942.255	224943.84	0.1183	P	0.8
6	☐	10000.000	9627.883	321037.68	0.1678	P	0.5
7	☐	20000.000	20190.196	536288.92	0.2794	P	1.3
8	☐			142271.37	0.0689	P	4.5

$$y = 1.0566E-005 * x + 0.0661$$

R = 0.9997

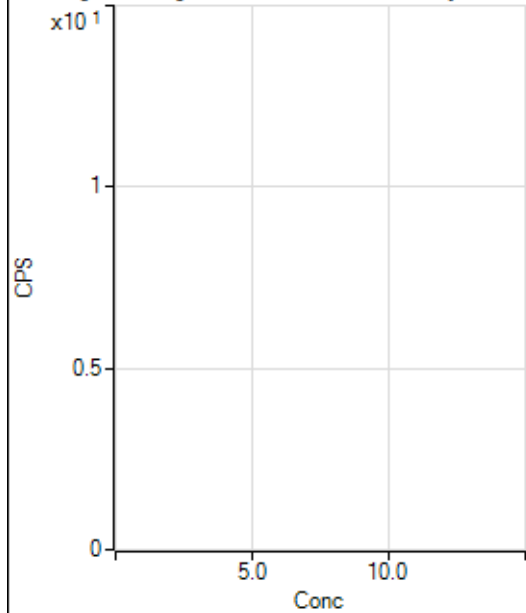
DL = 191.7

BEC = 6255

Weight: <None>

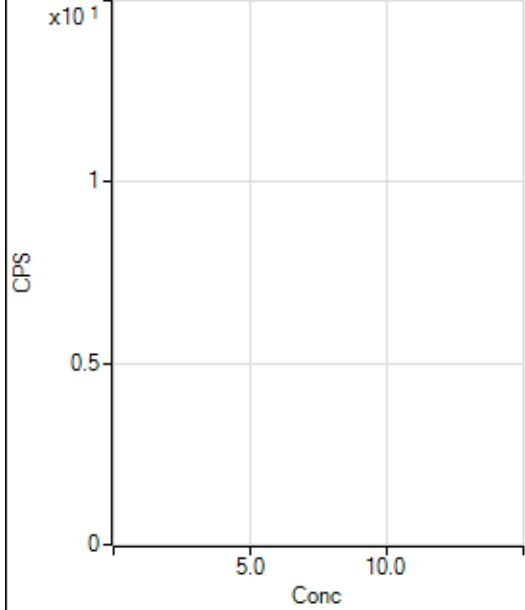
Min Conc: 0

35 Cl [No Gas] No available calibration points



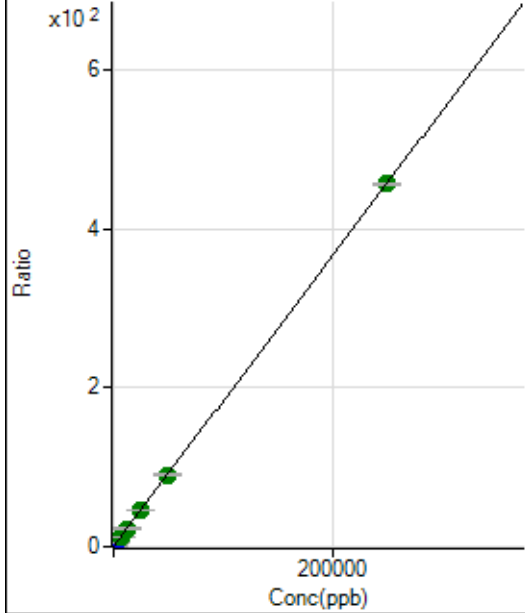
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	54102.35	0.3328	P	1.2
2	☐	500.000	496.686	208367.77	1.2377	P	0.2
3	☐	2500.000	2342.929	785849.22	4.6014	P	0.4
4	☐	6250.000	6402.166	1962738.24	11.9969	A	1.0
5	☐	12500.000	12356.226	3732833.73	22.8447	A	1.1
6	☐	25000.000	24955.773	7584288.15	45.7999	A	0.3
7	☐	50000.000	49536.167	15203848.52	90.5831	A	0.7
8	☐	250000.00	250102.15	79287183.26	455.9958	A	0.7

$$y = 0.0018 * x + 0.3328$$

$$R = 1.0000$$

$$DL = 6.413$$

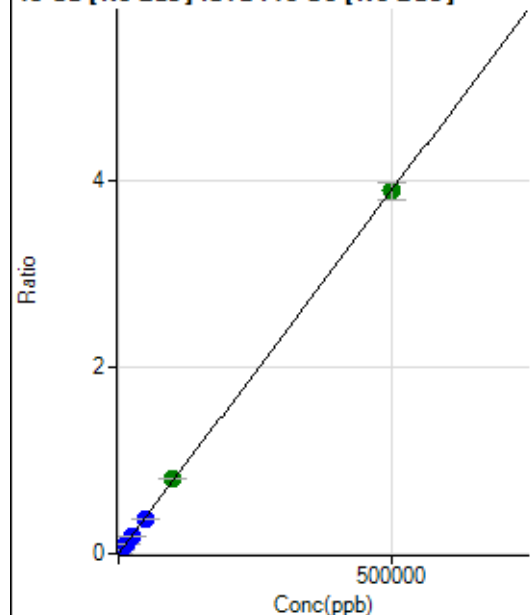
$$BEC = 182.6$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	448.90	0.0002	P	14.2
2	☐	500.000	514.398	8429.08	0.0042	P	2.3
3	☐	5000.000	4785.406	76942.76	0.0375	P	0.9
4	☐	12500.000	12188.790	182682.92	0.0952	P	0.5
5	☐	25000.000	24027.421	356547.64	0.1875	P	0.3
6	☐	50000.000	47573.641	709879.42	0.3711	P	0.7
7	☐	100000.00	103130.95	1543424.51	0.8042	A	1.6
8	☐	500000.00	499674.98	8046481.27	3.8956	A	5.0

$$y = 7.7958E-006 * x + 2.2806E-004$$

R = 1.0000

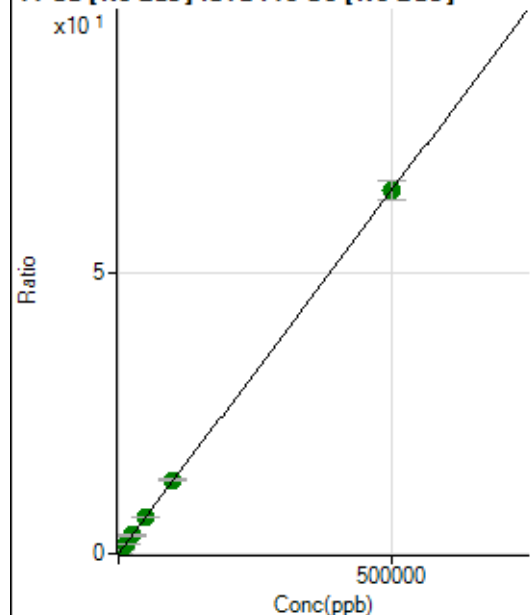
DL = 12.43

BEC = 29.25

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	9703.28	0.0049	P	2.9
2	☐	500.000	513.785	141685.91	0.0712	P	0.7
3	☐	5000.000	5000.585	1333054.83	0.6503	A	2.0
4	☐	12500.000	12962.204	3218222.42	1.6779	A	1.5
5	☐	25000.000	25157.745	6182449.42	3.2519	A	0.4
6	☐	50000.000	50192.866	12401447.04	6.4831	A	0.7
7	☐	100000.00	101722.74	25208119.62	13.1338	A	0.7
8	☐	500000.00	499616.70	133191324.6	64.4881	A	5.2

$$y = 1.2907E-004 * x + 0.0049$$

R = 1.0000

DL = 3.271

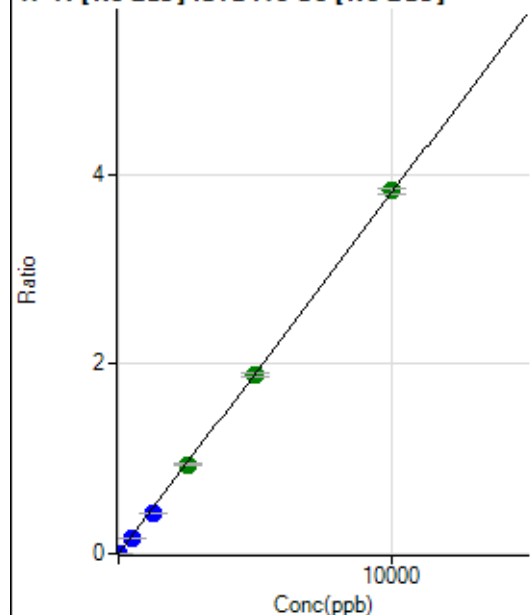
BEC = 38.23

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	26.0
2	☐	5.000	4.920	3778.29	0.0019	P	2.2
3	☐	500.000	441.973	344917.97	0.1683	P	1.4
4	☐	1250.000	1117.627	815986.86	0.4254	P	0.5
5	☐	2500.000	2475.285	1791542.84	0.9422	A	1.1
6	☐	5000.000	4936.274	3594199.56	1.8790	A	2.1
7	☐	10000.000	10057.490	7347576.63	3.8284	A	1.4
8	☐			497.79	0.0002	P	22.2

$$y = 3.8065E-004 * x + 2.7059E-005$$

$$R = 0.9999$$

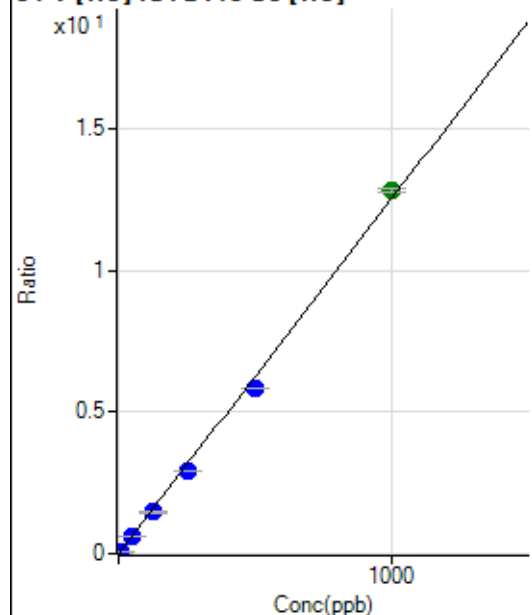
$$DL = 0.0555$$

$$BEC = 0.07109$$

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	27.78	0.0002	P	17.2
2	☐	5.000	5.101	10798.38	0.0641	P	1.8
3	☐	50.000	46.701	100037.92	0.5857	P	0.8
4	☐	125.000	116.994	240034.26	1.4671	P	1.2
5	☐	250.000	231.754	474857.07	2.9061	P	0.8
6	☐	500.000	466.538	968735.48	5.8500	P	0.7
7	☐	1000.000	1022.458	2151797.59	12.8206	A	1.2
8	☐			562.24	0.0032	P	4.9

$$y = 0.0125 * x + 1.7060E-004$$

$$R = 0.9990$$

$$DL = 0.00701$$

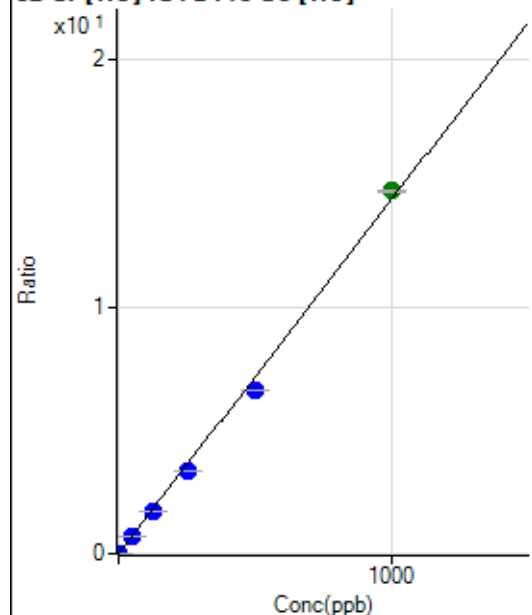
$$BEC = 0.01361$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	521.12	0.0032	P	16.0
2	☐	2.000	1.978	5320.98	0.0316	P	2.3
3	☐	50.000	46.434	114377.85	0.6697	P	0.4
4	☐	125.000	117.596	276688.10	1.6912	P	0.3
5	☐	250.000	231.595	543715.48	3.3275	P	0.5
6	☐	500.000	462.275	1099311.11	6.6387	P	0.6
7	☐	1000.000	1024.568	2469110.40	14.7097	A	0.3
8	☐			13737.46	0.0790	P	3.8

$$y = 0.0144 * x + 0.0032$$

$$R = 0.9988$$

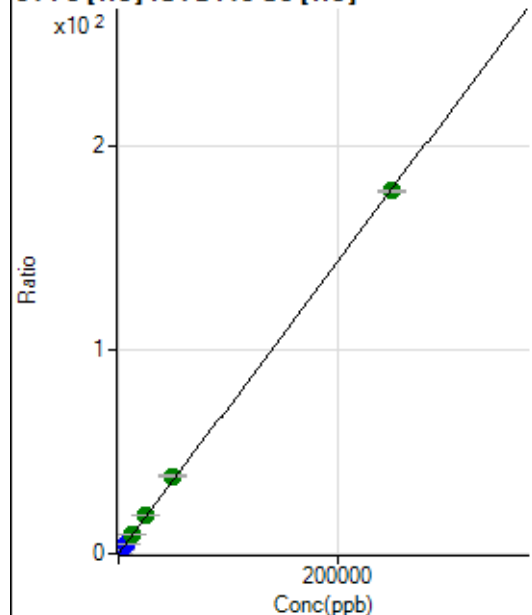
$$DL = 0.1076$$

$$BEC = 0.2235$$

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	2956.99	0.0182	P	2.5
2	☐	50.000	53.248	9468.60	0.0562	P	1.2
3	☐	2500.000	2537.163	312781.24	1.8314	P	0.5
4	☐	6250.000	6377.347	748654.54	4.5759	P	0.2
5	☐	12500.000	13217.657	1546507.77	9.4645	A	1.9
6	☐	25000.000	26843.020	3179704.57	19.2022	A	0.7
7	☐	50000.000	53410.498	6410813.79	38.1894	A	1.4
8	☐	250000.00	249094.16	30957609.26	178.0397	A	0.4

$$y = 7.1468E-004 * x + 0.0182$$

$$R = 0.9999$$

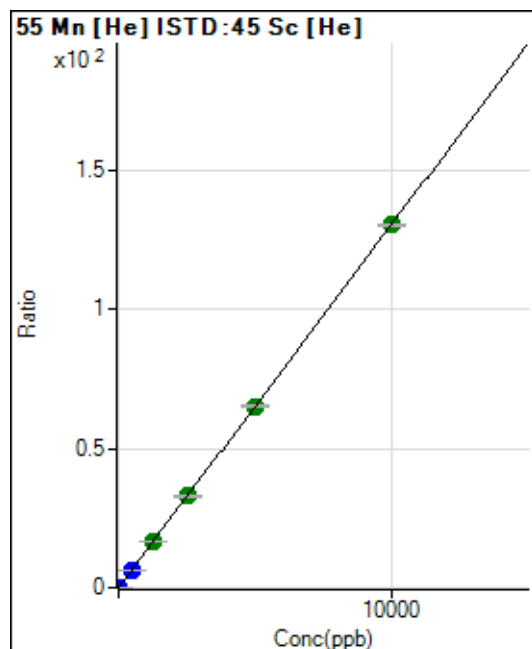
$$DL = 1.877$$

$$BEC = 25.44$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	777.81	0.0048	P	10.1
2	☐	1.000	0.898	2781.40	0.0165	P	1.5
3	☐	500.000	457.022	1020293.89	5.9741	P	0.1
4	☐	1250.000	1250.778	2673579.44	16.3415	A	0.2
5	☐	2500.000	2530.122	5400606.20	33.0513	A	1.3
6	☐	5000.000	5004.107	10823927.48	65.3646	A	0.4
7	☐	10000.000	9992.467	21908116.06	130.5187	A	0.4
8	☐			11441.10	0.0658	P	2.4

$$y = 0.0131 * x + 0.0048$$

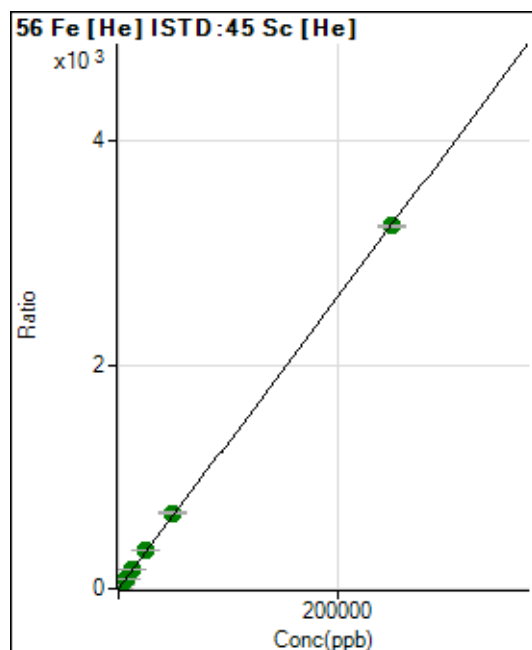
$$R = 1.0000$$

$$DL = 0.1107$$

$$BEC = 0.3665$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23982.53	0.1475	P	2.9
2	☐	50.000	54.226	143561.24	0.8528	P	1.3
3	☐	2500.000	2673.542	5963612.34	34.9182	A	0.5
4	☐	6250.000	6711.794	14305942.01	87.4376	A	1.6
5	☐	12500.000	13328.661	28348916.25	173.4932	A	0.6
6	☐	25000.000	26279.399	56619600.82	341.9237	A	0.7
7	☐	50000.000	52044.367	113626518.3	677.0095	A	1.3
8	☐	250000.00	249408.47	564031929.3	3.243824	A	0.3

$$y = 0.0130 * x + 0.1475$$

$$R = 1.0000$$

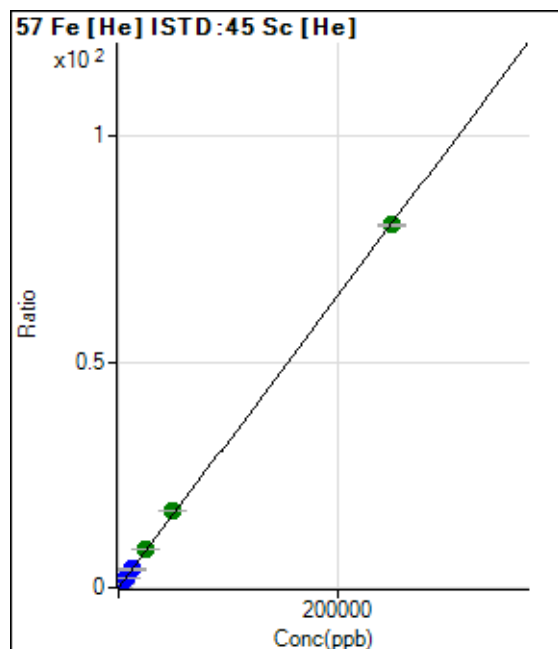
$$DL = 0.9882$$

$$BEC = 11.34$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1410.08	0.0087	P	4.9
2	☐	50.000	57.269	4568.52	0.0271	P	2.5
3	☐	2500.000	2530.936	140802.71	0.8245	P	1.0
4	☐	6250.000	6380.218	337881.11	2.0652	P	0.7
5	☐	12500.000	12537.353	661732.38	4.0497	P	0.6
6	☐	25000.000	26457.105	1413663.76	8.5364	A	1.7
7	☐	50000.000	52604.718	2847252.84	16.9644	A	1.5
8	☐	250000.00	249327.91	13975289.65	80.3728	A	0.3

$$y = 3.2232E-004 * x + 0.0087$$

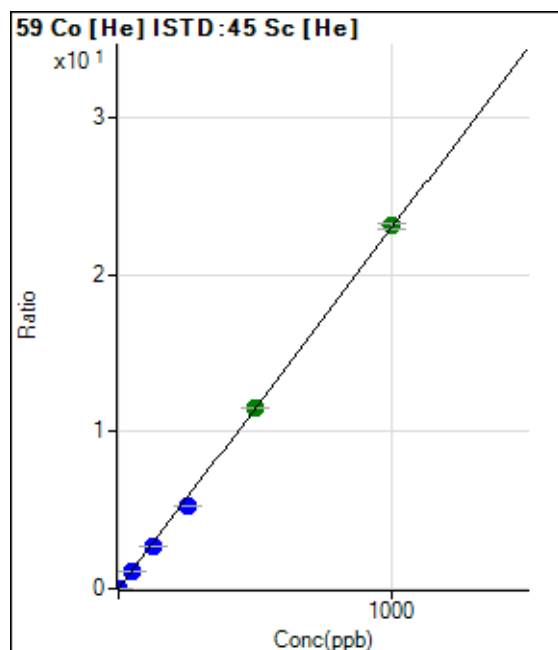
R = 0.9999

DL = 3.967

BEC = 26.91

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.34	0.0016	P	11.0
2	☐	1.000	1.071	4408.47	0.0262	P	1.1
3	☐	50.000	46.687	183594.78	1.0750	P	1.0
4	☐	125.000	116.187	437330.59	2.6730	P	0.7
5	☐	250.000	229.168	861249.04	5.2708	P	0.5
6	☐	500.000	501.019	1907937.21	11.5214	A	0.9
7	☐	1000.000	1005.966	3882299.46	23.1316	A	1.7
8	☐			9887.78	0.0569	P	1.6

$$y = 0.0230 * x + 0.0016$$

R = 0.9998

DL = 0.02236

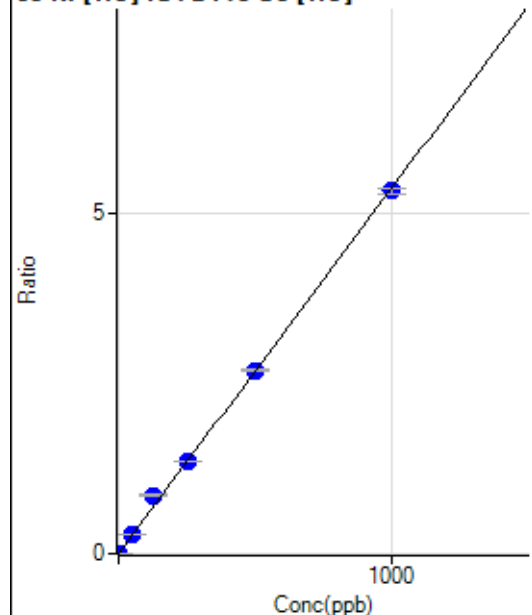
BEC = 0.0677

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	345.56	0.0021	P	5.9
2	☐	1.000	1.126	1375.63	0.0082	P	3.4
3	☐	50.000	51.284	47401.30	0.2776	P	0.6
4	☐	125.000	159.448	140450.77	0.8584	P	1.0
5	☐	250.000	254.359	223559.34	1.3682	P	0.3
6	☐	500.000	502.458	447198.04	2.7006	P	0.6
7	☐	1000.000	993.311	895705.26	5.3367	P	1.3
8	☐			3952.79	0.0227	P	3.8

$$y = 0.0054 * x + 0.0021$$

$$R = 0.9994$$

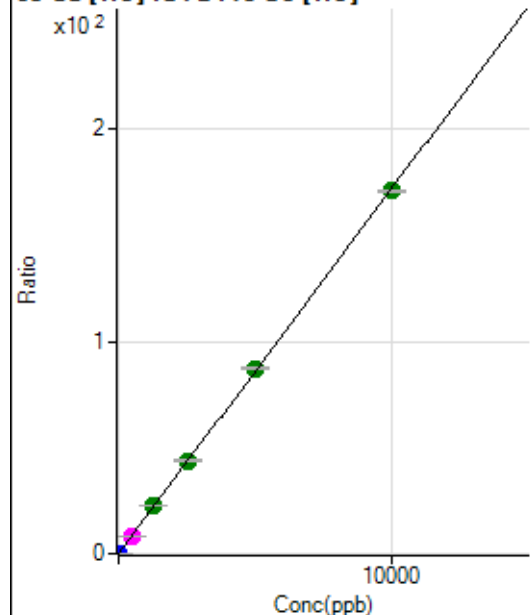
$$DL = 0.06953$$

$$BEC = 0.3959$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3355.96	0.0206	P	4.1
2	☐	2.000	1.949	9116.19	0.0541	P	1.0
3	☐	500.000	485.933	1430103.16	8.3728	M	4.6
4	☐	1250.000	1301.782	3664017.38	22.3954	A	0.6
5	☐	2500.000	2550.491	7166444.69	43.8580	A	0.8
6	☐	5000.000	5075.270	14448968.26	87.2535	A	1.3
7	☐	10000.000	9943.973	28691223.18	170.9359	A	0.4
8	☐			13374.95	0.0769	P	1.0

$$y = 0.0172 * x + 0.0206$$

$$R = 0.9999$$

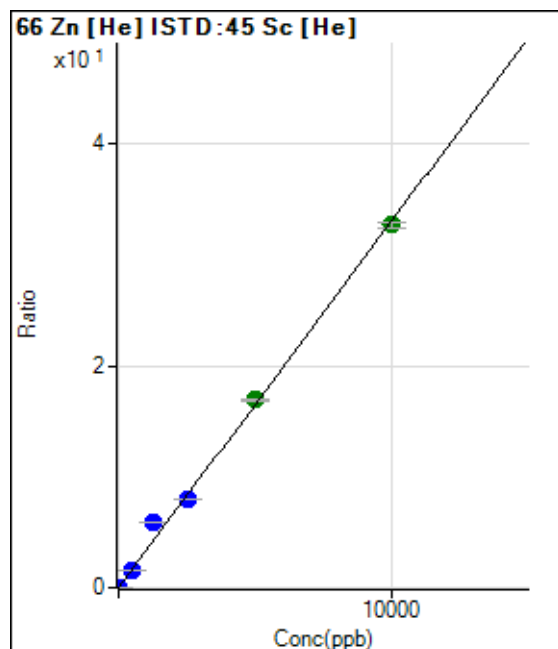
$$DL = 0.1486$$

$$BEC = 1.201$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	363.34	0.0022	P	23.3
2	☐	5.000	4.757	3022.56	0.0180	P	4.9
3	☐	500.000	486.735	275045.52	1.6105	P	0.8
4	☐	1250.000	1762.438	953111.52	5.8256	P	0.3
5	☐	2500.000	2408.005	1300444.24	7.9586	P	0.1
6	☐	5000.000	5117.654	2800621.94	16.9117	A	1.5
7	☐	10000.000	9900.781	5490920.40	32.7158	A	1.3
8	☐			10218.03	0.0588	P	0.9

$$y = 0.0033 * x + 0.0022$$

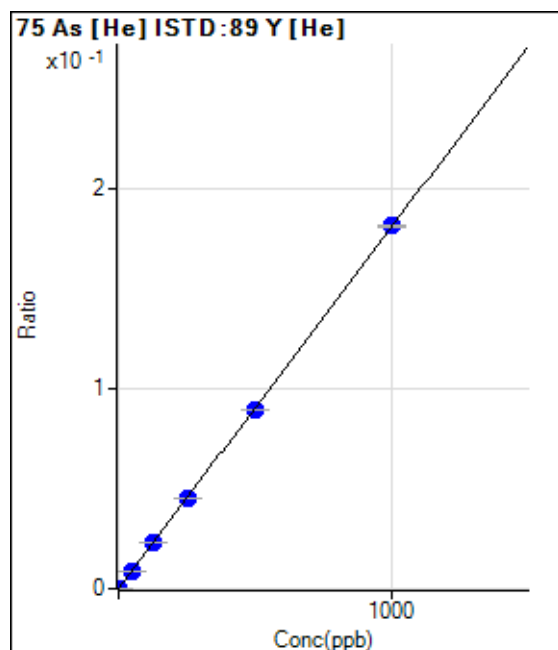
R = 0.9984

DL = 0.4745

BEC = 0.6775

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0000	P	46.2
2	☐	1.000	1.068	370.01	0.0002	P	20.8
3	☐	50.000	50.208	16495.93	0.0091	P	0.7
4	☐	125.000	126.155	39203.92	0.0228	P	1.2
5	☐	250.000	249.384	78128.85	0.0450	P	1.1
6	☐	500.000	493.271	155568.84	0.0891	P	0.1
7	☐	1000.000	1003.364	316435.63	0.1811	P	0.8
8	☐			181.11	0.0001	P	19.5

$$y = 1.8053E-004 * x + 1.0903E-005$$

R = 1.0000

DL = 0.08373

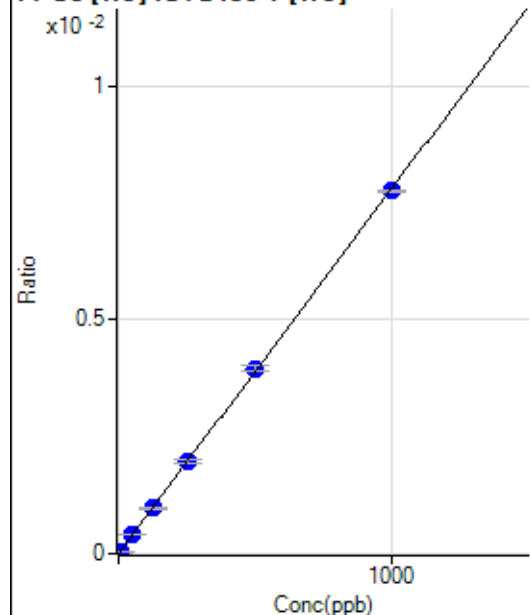
BEC = 0.0604

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	101.
2	☐	5.000	5.412	80.00	0.0000	P	24.7
3	☐	50.000	52.345	744.47	0.0004	P	8.3
4	☐	125.000	124.323	1669.00	0.0010	P	1.2
5	☐	250.000	252.859	3419.32	0.0020	P	2.5
6	☐	500.000	508.599	6921.68	0.0040	P	2.4
7	☐	1000.000	994.951	13537.40	0.0077	P	0.5
8	☐			4.44	0.0000	P	44.6

$$y = 7.7869E-006 * x + 1.9422E-006$$

$$R = 0.9999$$

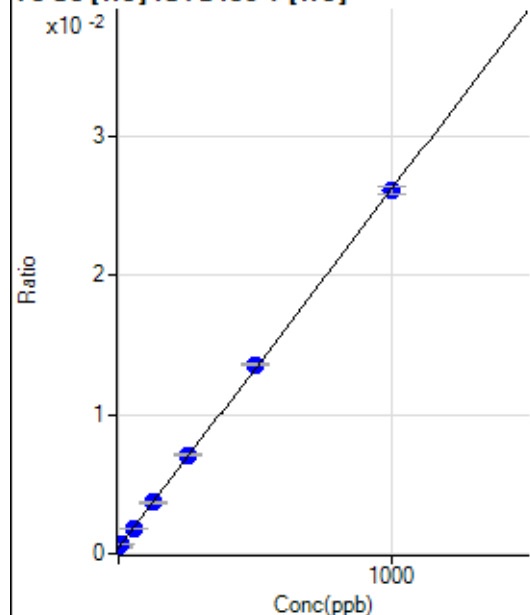
$$DL = 0.7582$$

$$BEC = 0.2494$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	865.59	0.0005	P	6.5
2	☐	5.000	5.811	1173.39	0.0006	P	5.3
3	☐	50.000	49.391	3214.83	0.0018	P	2.6
4	☐	125.000	123.722	6335.87	0.0037	P	1.1
5	☐	250.000	256.180	12300.75	0.0071	P	3.0
6	☐	500.000	507.916	23705.78	0.0136	P	1.0
7	☐	1000.000	994.683	45586.72	0.0261	P	2.3
8	☐			850.03	0.0005	P	13.7

$$y = 2.5739E-005 * x + 4.9740E-004$$

$$R = 0.9999$$

$$DL = 3.789$$

$$BEC = 19.33$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

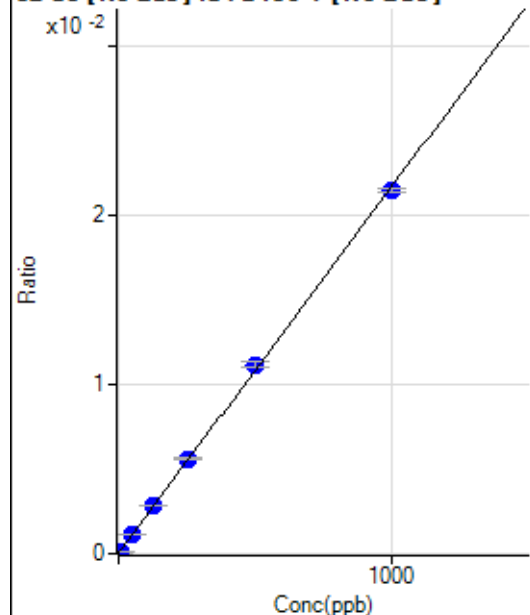
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28064.48		P	0.8
2	☐			29752.36		P	1.7
3	☐			30140.89		P	1.0
4	☐			26511.67		P	1.5
5	☐			26048.72		P	1.0
6	☐			26333.64		P	0.2
7	☐			27044.91		P	1.3
8	☐			29134.38		P	0.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			226.67		P	14.0
2	☐			215.56		P	17.1
3	☐			194.45		P	10.3
4	☐			180.00		P	16.1
5	☐			214.45		P	12.9
6	☐			190.00		P	15.6
7	☐			207.78		P	11.3
8	☐			218.89		P	14.1

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	95.15	0.0000	P	41.5
2	☐	5.000	5.221	752.84	0.0001	P	5.8
3	☐	50.000	52.629	6802.29	0.0012	P	1.6
4	☐	125.000	130.461	16174.43	0.0028	P	1.7
5	☐	250.000	258.618	31474.90	0.0056	P	0.7
6	☐	500.000	515.718	62340.99	0.0112	P	2.6
7	☐	1000.000	989.171	123848.14	0.0214	P	1.1
8	☐			367.37	0.0001	P	16.3

$$y = 2.1633E-005 * x + 1.6613E-005$$

R = 0.9998

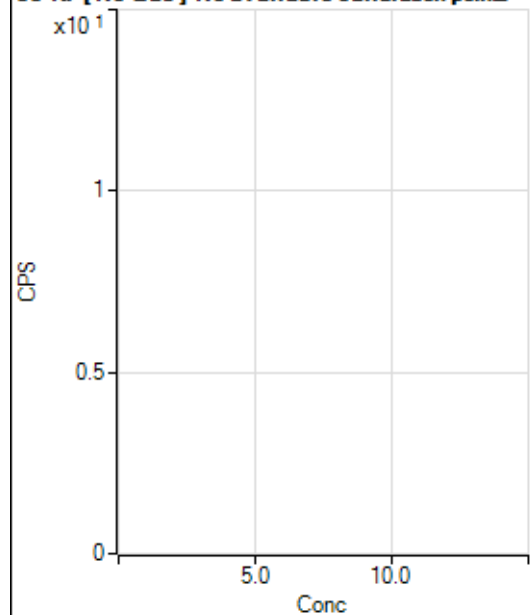
DL = 0.955

BEC = 0.768

Weight: <None>

Min Conc: 0

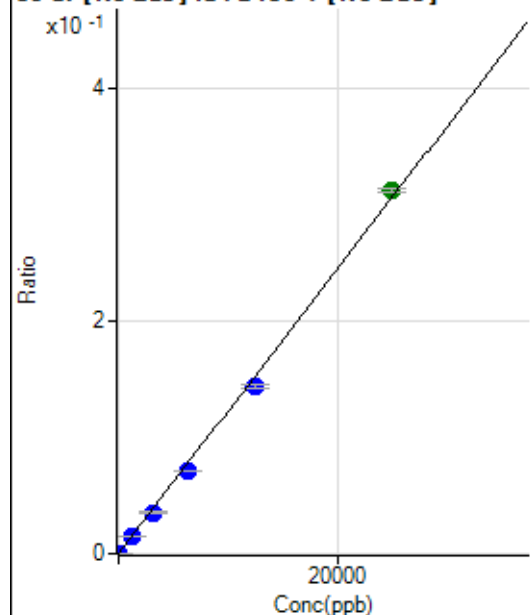
83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			392.23		P	11.0
2	☐			382.23		P	14.4
3	☐			361.12		P	13.4
4	☐			344.45		P	5.6
5	☐			356.68		P	4.3
6	☐			346.68		P	12.7
7	☐			388.90		P	5.2
8	☐			417.79		P	9.2

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	618.91	0.0001	P	3.8
2	☐	1.000	25.278	2423.56	0.0004	P	1.9
3	☐	1250.000	1172.773	85157.70	0.0145	P	0.3
4	☐	3125.000	2890.529	202174.83	0.0355	P	1.5
5	☐	6250.000	5842.166	401656.52	0.0716	P	1.1
6	☐	12500.000	11734.303	801968.08	0.1437	P	1.9
7	☐	25000.000	25517.976	1806897.27	0.3124	A	0.9
8	☐			6142.44	0.0010	P	4.9

$$y = 1.2239E-005 * x + 1.0757E-004$$

$$R = 0.9992$$

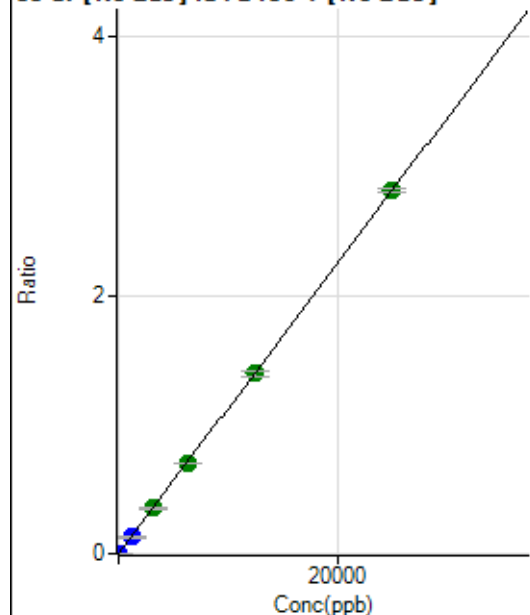
$$DL = 1.012$$

$$BEC = 8.789$$

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	126.67	0.0000	P	21.9
2	☐	1.000	25.104	16502.67	0.0028	P	0.3
3	☐	1250.000	1130.643	747186.33	0.1269	P	1.0
4	☐	3125.000	3121.081	1995294.54	0.3502	A	2.3
5	☐	6250.000	6241.369	3927994.84	0.7003	A	1.9
6	☐	12500.000	12450.964	7794760.79	1.3970	A	3.0
7	☐	25000.000	25033.133	16244580.17	2.8088	A	1.1
8	☐			50984.75	0.0085	P	5.6

$$y = 1.1220E-004 * x + 2.1937E-005$$

$$R = 1.0000$$

$$DL = 0.1283$$

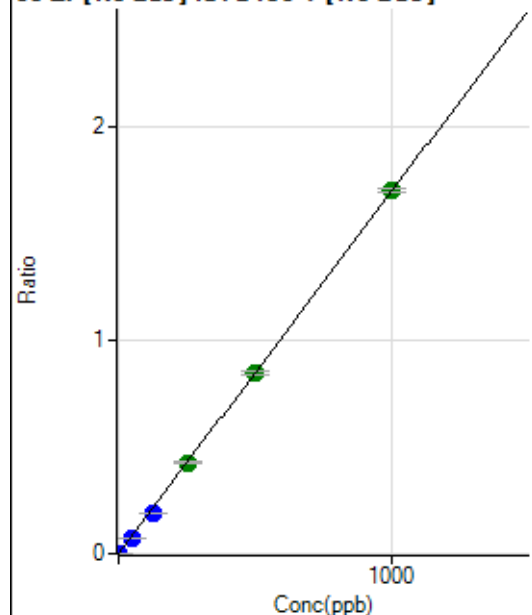
$$BEC = 0.1955$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.56	0.0001	P	9.9
2	☐	1.000	0.944	9638.81	0.0017	P	2.4
3	☐	50.000	44.849	449135.51	0.0763	P	0.8
4	☐	125.000	111.008	1075162.38	0.1887	P	1.2
5	☐	250.000	250.008	2383248.91	0.4249	A	2.2
6	☐	500.000	500.310	4744400.21	0.8503	A	2.4
7	☐	1000.000	1001.850	9846181.94	1.7026	A	1.2
8	☐			4549.64	0.0008	P	7.2

$$y = 0.0017 * x + 5.3158E-005$$

$$R = 0.9999$$

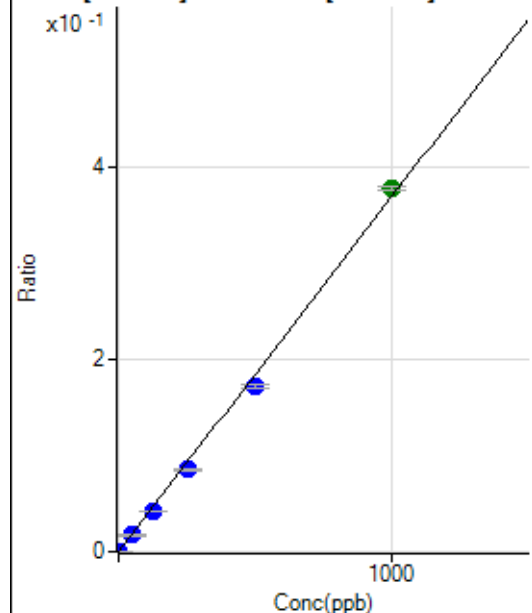
$$DL = 0.00927$$

$$BEC = 0.03128$$

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	56.67	0.0000	P	21.2
2	☐	1.000	0.981	2161.29	0.0004	P	8.5
3	☐	50.000	46.162	100371.25	0.0170	P	1.0
4	☐	125.000	113.811	239356.39	0.0420	P	1.0
5	☐	250.000	230.990	478141.27	0.0852	P	1.6
6	☐	500.000	467.071	961804.86	0.1724	P	1.8
7	☐	1000.000	1022.807	2182763.20	0.3774	A	1.0
8	☐			972.26	0.0002	P	2.7

$$y = 3.6901E-004 * x + 9.8552E-006$$

$$R = 0.9990$$

$$DL = 0.01695$$

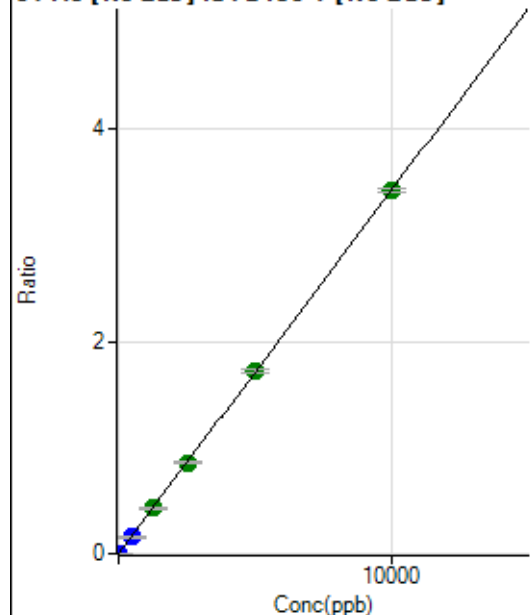
$$BEC = 0.02671$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	131.12	0.0000	P	6.8
2	☐	5.000	5.685	11438.97	0.0020	P	1.0
3	☐	500.000	451.116	908923.45	0.1543	P	1.1
4	☐	1250.000	1246.126	2428929.56	0.4263	A	2.2
5	☐	2500.000	2508.793	4813898.54	0.8583	A	1.9
6	☐	5000.000	5037.245	9616141.73	1.7232	A	1.8
7	☐	10000.000	9982.107	19748671.65	3.4149	A	1.1
8	☐			4354.02	0.0007	P	5.4

$$y = 3.4210E-004 * x + 2.2791E-005$$

$$R = 1.0000$$

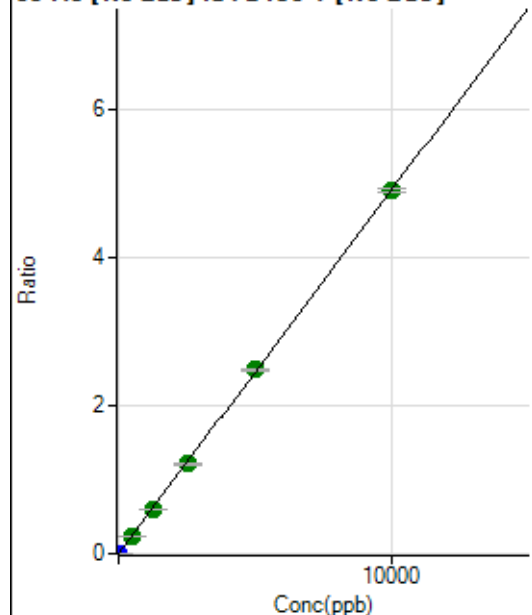
$$DL = 0.01356$$

$$BEC = 0.06662$$

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	67.78	0.0000	P	19.2
2	☐	5.000	4.834	13852.22	0.0024	P	0.5
3	☐	500.000	492.790	1423266.02	0.2417	A	0.8
4	☐	1250.000	1227.464	3430219.36	0.6020	A	0.5
5	☐	2500.000	2474.054	6805663.37	1.2133	A	1.5
6	☐	5000.000	5059.840	13847506.46	2.4815	A	1.5
7	☐	10000.000	9979.744	28304697.91	4.8943	A	1.1
8	☐			3741.63	0.0006	P	8.2

$$y = 4.9042E-004 * x + 1.1780E-005$$

$$R = 1.0000$$

$$DL = 0.0138$$

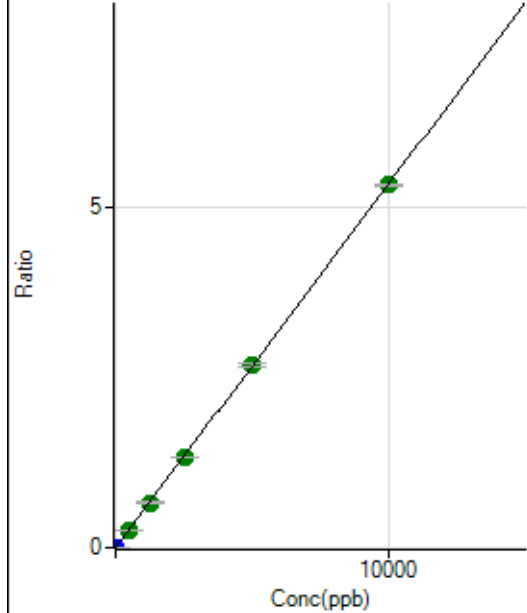
$$BEC = 0.02402$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	168.89	0.0000	P	10.4
2	☐	5.000	4.901	15422.69	0.0027	P	3.2
3	☐	500.000	493.055	1554107.95	0.2639	A	1.5
4	☐	1250.000	1238.326	3776428.52	0.6628	A	1.0
5	☐	2500.000	2498.105	7499479.75	1.3370	A	0.8
6	☐	5000.000	5042.056	15057189.08	2.6985	A	2.3
7	☐	10000.000	9981.252	30894122.60	5.3419	A	0.7
8	☐			15975.51	0.0026	P	4.7

$$y = 5.3519E-004 * x + 2.9390E-005$$

$$R = 1.0000$$

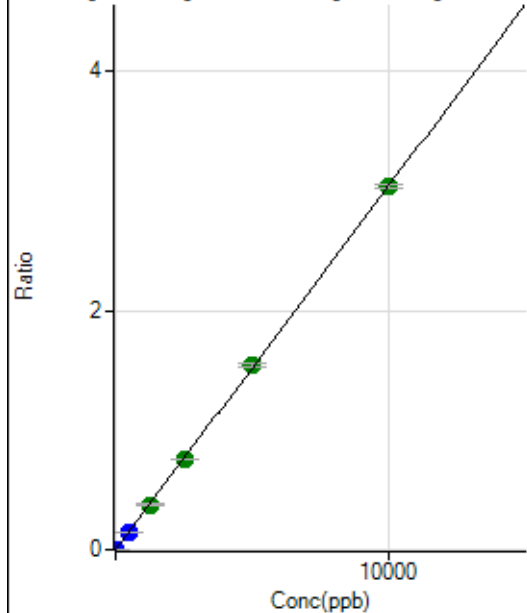
$$DL = 0.01715$$

$$BEC = 0.05491$$

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	42.22	0.0000	P	29.9
2	☐	5.000	4.819	8554.79	0.0015	P	1.4
3	☐	500.000	452.539	809876.52	0.1375	P	0.9
4	☐	1250.000	1240.941	2148997.19	0.3771	A	0.7
5	☐	2500.000	2478.919	4225493.62	0.7533	A	0.9
6	☐	5000.000	5061.476	8582463.76	1.5381	A	2.3
7	☐	10000.000	9978.038	17535877.24	3.0322	A	1.0
8	☐			2297.98	0.0004	P	9.5

$$y = 3.0389E-004 * x + 7.2943E-006$$

$$R = 1.0000$$

$$DL = 0.02153$$

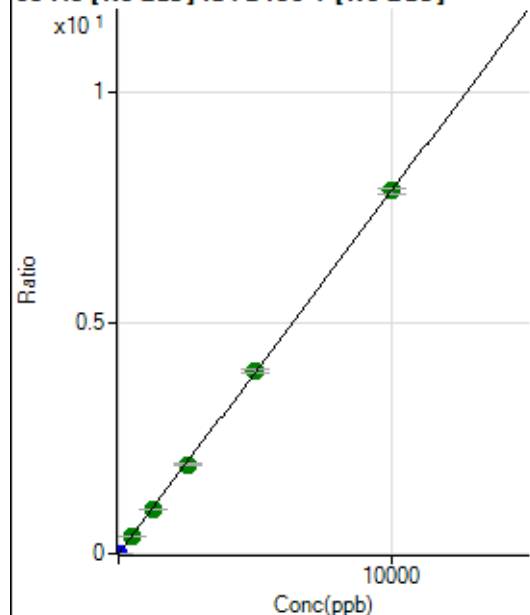
$$BEC = 0.024$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0000	P	21.8
2	☐	5.000	4.828	22168.04	0.0038	P	2.5
3	☐	500.000	498.070	2305772.35	0.3916	A	0.8
4	☐	1250.000	1219.876	5464189.92	0.9590	A	0.8
5	☐	2500.000	2461.704	10854229.70	1.9352	A	1.6
6	☐	5000.000	5025.423	22043061.06	3.9505	A	2.4
7	☐	10000.000	10000.725	45465512.66	7.8616	A	1.8
8	☐			4908.65	0.0008	P	4.1

$$y = 7.8610E-004 * x + 1.8484E-005$$

$$R = 1.0000$$

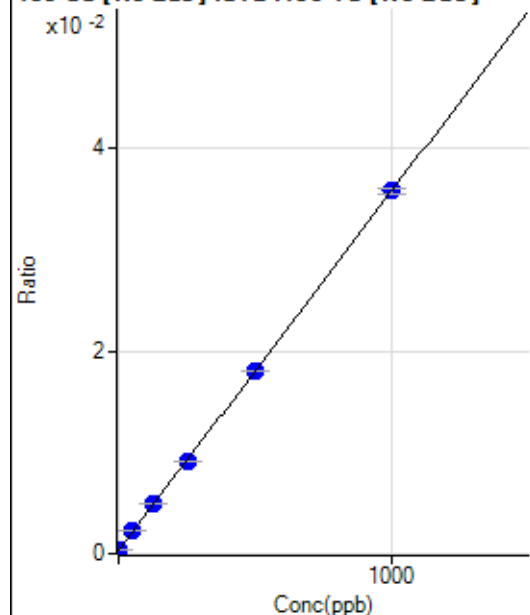
$$DL = 0.01535$$

$$BEC = 0.02351$$

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	1301.18	0.0003	P	4.6
2	☐	1.000	1.257	1480.09	0.0004	P	1.9
3	☐	50.000	52.557	8768.30	0.0022	P	1.0
4	☐	125.000	127.582	18988.08	0.0049	P	0.1
5	☐	250.000	247.130	35909.96	0.0091	P	0.4
6	☐	500.000	498.885	70995.83	0.0180	P	0.7
7	☐	1000.000	1000.824	141688.25	0.0358	P	1.6
8	☐			1487.87	0.0004	P	6.5

$$y = 3.5404E-005 * x + 3.3854E-004$$

$$R = 1.0000$$

$$DL = 1.324$$

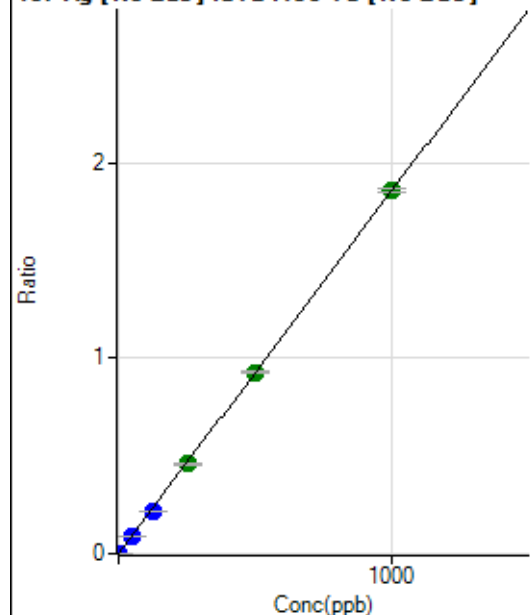
$$BEC = 9.562$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.67	0.0000	P	28.2
2	☐	1.000	1.028	7415.29	0.0019	P	1.7
3	☐	50.000	47.679	352657.06	0.0885	P	0.4
4	☐	125.000	116.876	847633.23	0.2168	P	2.3
5	☐	250.000	248.764	1823133.43	0.4614	A	1.7
6	☐	500.000	501.267	3667207.58	0.9298	A	1.4
7	☐	1000.000	1000.807	7353141.00	1.8564	A	1.2
8	☐			413.35	0.0001	P	17.2

$$y = 0.0019 * x + 1.2195E-005$$

$$R = 1.0000$$

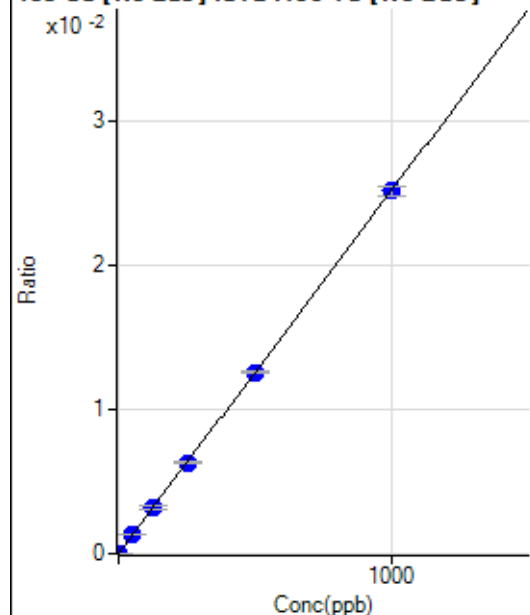
$$DL = 0.005557$$

$$BEC = 0.006575$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	49.7
2	☐	1.000	1.144	118.89	0.0000	P	6.9
3	☐	50.000	52.766	5298.81	0.0013	P	3.5
4	☐	125.000	127.651	12555.55	0.0032	P	6.4
5	☐	250.000	250.843	24932.66	0.0063	P	1.2
6	☐	500.000	499.951	49594.57	0.0126	P	1.0
7	☐	1000.000	999.344	99544.34	0.0251	P	2.5
8	☐			34.45	0.0000	P	9.8

$$y = 2.5147E-005 * x + 2.0250E-006$$

$$R = 1.0000$$

$$DL = 0.12$$

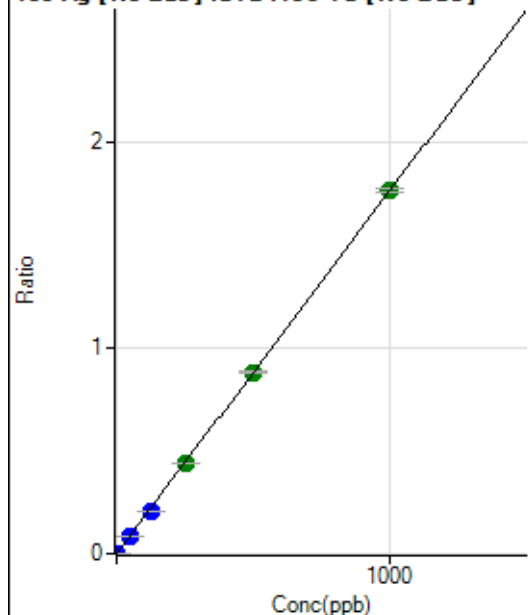
$$BEC = 0.08052$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0000	P	43.2
2	☐	1.000	1.028	7026.21	0.0018	P	2.4
3	☐	50.000	47.455	334000.01	0.0838	P	0.8
4	☐	125.000	115.928	800133.12	0.2046	P	1.9
5	☐	250.000	250.253	1745619.83	0.4418	A	1.0
6	☐	500.000	500.698	3485851.58	0.8838	A	1.1
7	☐	1000.000	1000.849	6998579.20	1.7667	A	1.0
8	☐			364.45	0.0001	P	11.6

$$y = 0.0018 * x + 4.6250E-006$$

$$R = 1.0000$$

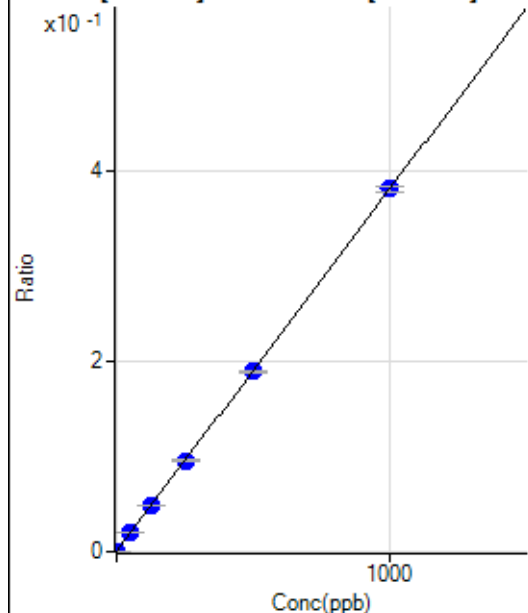
$$DL = 0.003396$$

$$BEC = 0.00262$$

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	1234.23	0.0003	P	4.0
2	☐	1.000	1.197	3000.91	0.0008	P	1.5
3	☐	50.000	51.044	78745.62	0.0198	P	0.6
4	☐	125.000	127.060	190389.21	0.0487	P	0.2
5	☐	250.000	249.656	376720.27	0.0953	P	1.8
6	☐	500.000	496.895	747225.96	0.1895	P	0.5
7	☐	1000.000	1001.328	1510981.07	0.3815	P	1.3
8	☐			1627.14	0.0004	P	4.8

$$y = 3.8064E-004 * x + 3.2108E-004$$

$$R = 1.0000$$

$$DL = 0.1002$$

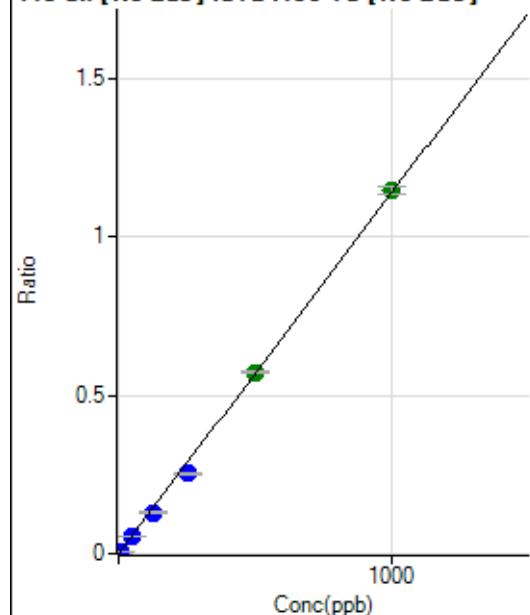
$$BEC = 0.8435$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	795.59	0.0002	P	10.3
2	☐	5.000	5.135	23386.81	0.0061	P	1.2
3	☐	50.000	45.944	209391.41	0.0525	P	0.5
4	☐	125.000	113.947	508090.20	0.1299	P	1.5
5	☐	250.000	222.935	1003690.30	0.2540	P	1.6
6	☐	500.000	503.719	2262778.63	0.5737	A	1.1
7	☐	1000.000	1006.490	4539642.89	1.1462	A	2.3
8	☐			1893.48	0.0005	P	5.3

$$y = 0.0011 * x + 2.0670E-004$$

R = 0.9996

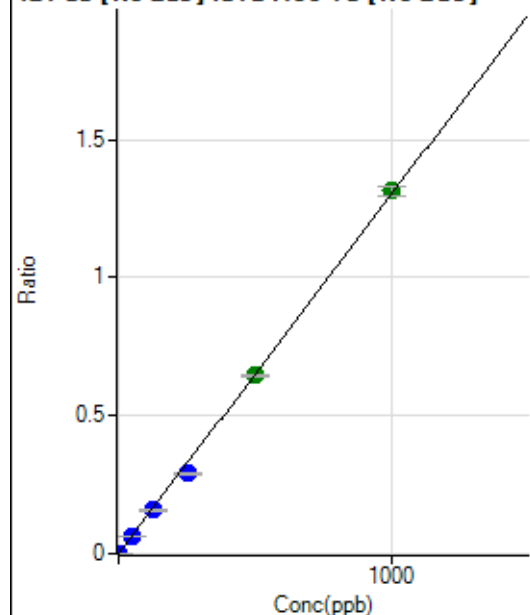
DL = 0.05587

BEC = 0.1815

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	2.4
2	☐	2.000	1.988	10029.12	0.0026	P	0.7
3	☐	50.000	46.260	240066.91	0.0602	P	0.4
4	☐	125.000	120.543	613399.86	0.1569	P	1.9
5	☐	250.000	223.377	1148608.75	0.2907	P	1.5
6	☐	500.000	496.165	2546726.84	0.6457	A	0.5
7	☐	1000.000	1009.318	5202835.62	1.3135	A	2.3
8	☐			1616.78	0.0004	P	10.8

$$y = 0.0013 * x + 8.6750E-006$$

R = 0.9996

DL = 0.0004785

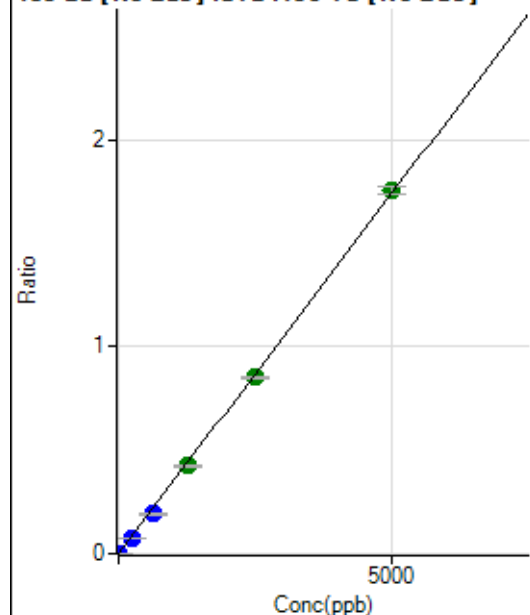
BEC = 0.006666

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0000	P	32.1
2	☐	10.000	9.673	13032.74	0.0034	P	2.7
3	☐	250.000	223.804	310049.93	0.0778	P	0.6
4	☐	625.000	550.642	748057.84	0.1913	P	1.5
5	☐	1250.000	1217.193	1670701.54	0.4229	A	2.0
6	☐	2500.000	2455.176	3364110.23	0.8529	A	1.2
7	☐	5000.000	5041.219	6936852.67	1.7513	A	2.2
8	☐			3065.91	0.0008	P	4.2

$$y = 3.4740E-004 * x + 1.3576E-005$$

R = 0.9998

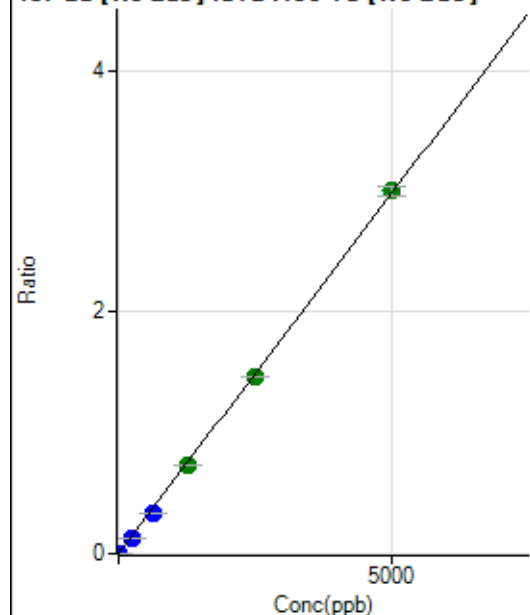
DL = 0.0376

BEC = 0.03908

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.89	0.0000	P	15.1
2	☐	10.000	9.821	22734.91	0.0059	P	0.2
3	☐	250.000	224.583	534344.89	0.1340	P	0.4
4	☐	625.000	554.273	1293100.85	0.3307	P	1.9
5	☐	1250.000	1222.940	2883070.27	0.7297	A	1.0
6	☐	2500.000	2460.724	5790473.80	1.4682	A	0.1
7	☐	5000.000	5036.515	11901524.27	3.0050	A	2.5
8	☐			5362.17	0.0013	P	6.9

$$y = 5.9663E-004 * x + 2.5788E-005$$

R = 0.9999

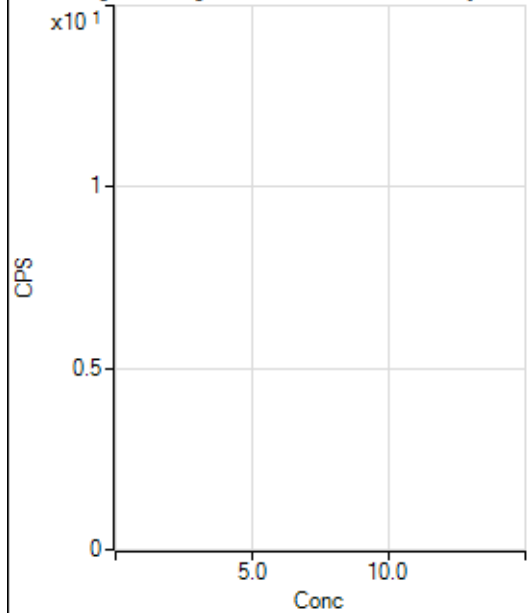
DL = 0.01964

BEC = 0.04322

Weight: <None>

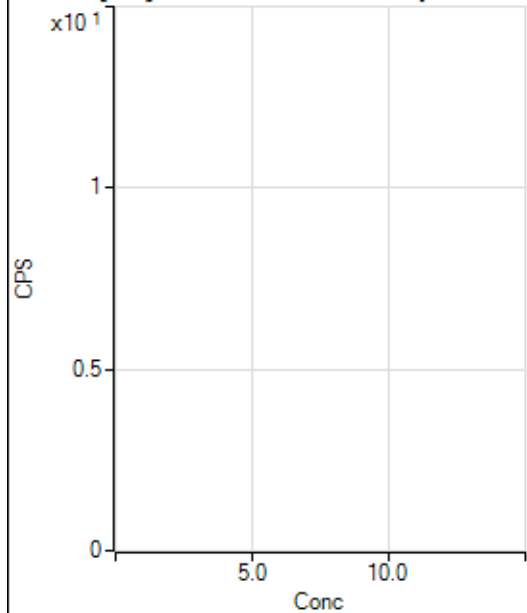
Min Conc: 0

150 Nd [No Gas] No available calibration points

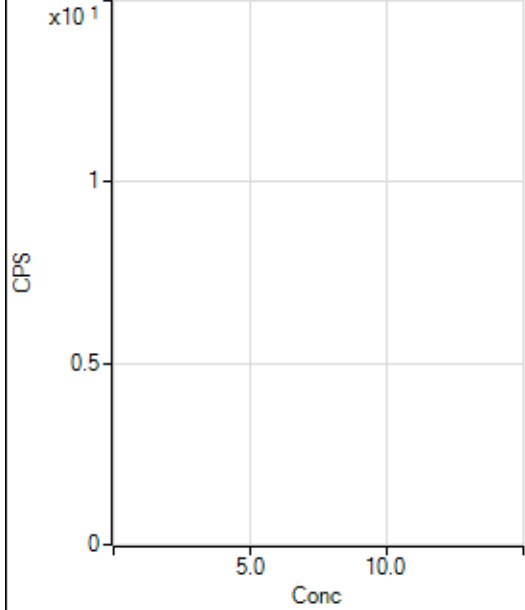


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐			10.00		P	88.2
3	☐			23.33		P	14.3
4	☐			43.33		P	20.4
5	☐			62.22		P	16.4
6	☐			133.34		P	17.5
7	☐			273.34		P	16.8
8	☐			95.55		P	7.3

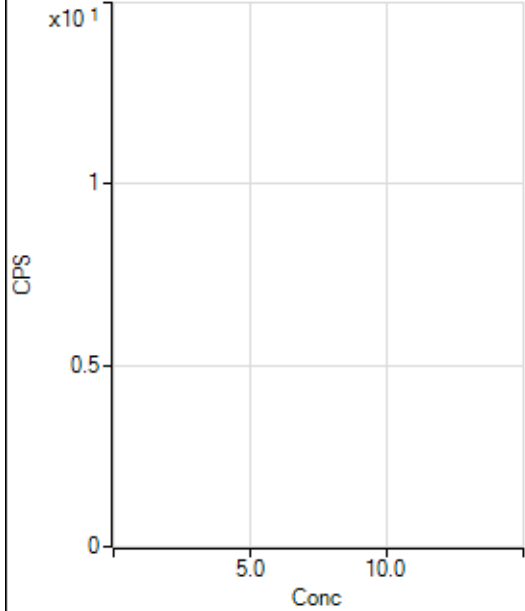
150 Nd [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	86.6
3	☐			11.11		P	69.3
4	☐			12.22		P	15.7
5	☐			18.89		P	27.0
6	☐			48.89		P	31.5
7	☐			77.78		P	6.5
8	☐			70.00		P	37.2

156 Dy [No Gas] No available calibration points

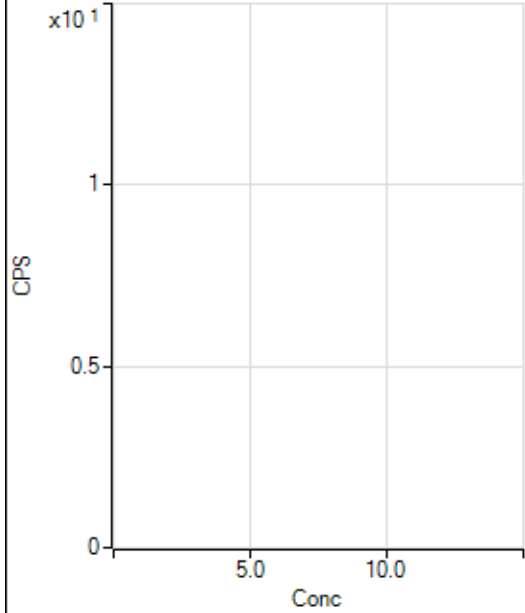
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			3.33		P	0.0
3	☐			11.11		P	86.6
4	☐			24.44		P	34.3
5	☐			26.67		P	33.1
6	☐			50.00		P	17.6
7	☐			84.44		P	11.4
8	☐			181.12		P	8.7

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			5.55		P	124.
3	☐			7.78		P	24.7
4	☐			50.00		P	24.0
5	☐			72.22		P	38.4
6	☐			180.00		P	8.1
7	☐			364.45		P	8.7
8	☐			188.89		P	15.2

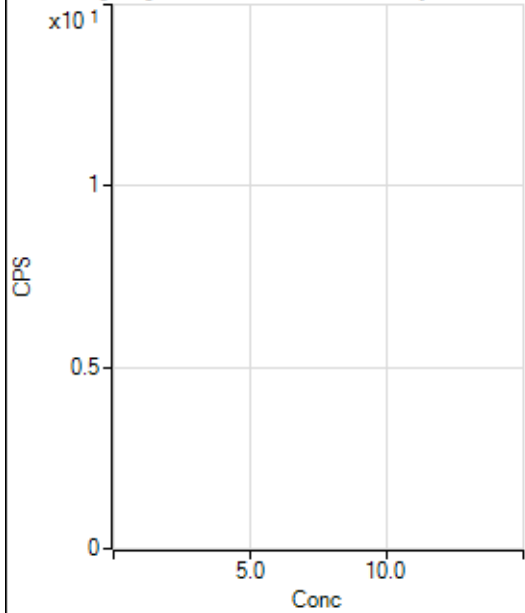
Calibration for 034SMPL.d

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

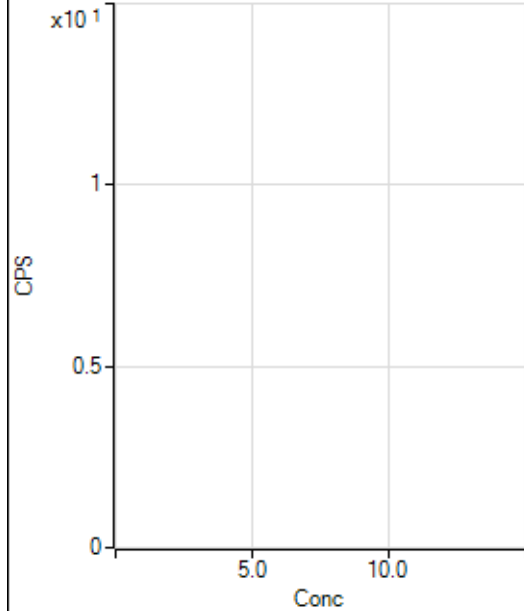


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	58.1
2	☐			18.89		P	53.9
3	☐			16.67		P	40.0
4	☐			22.22		P	31.2
5	☐			23.33		P	14.3
6	☐			26.67		P	25.0
7	☐			61.11		P	13.7
8	☐			140.00		P	10.9

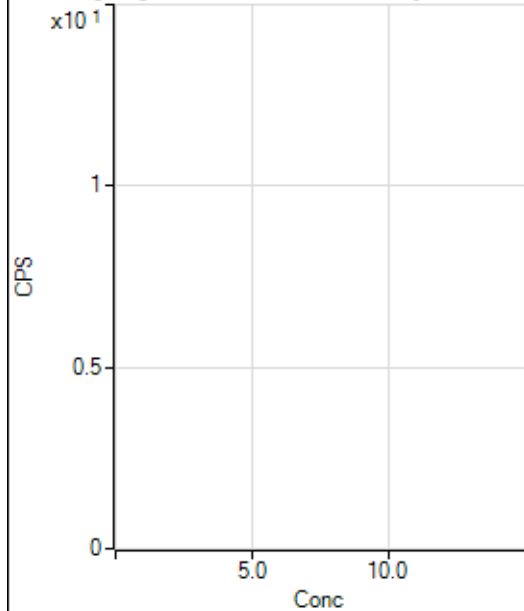
160 Gd [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			144.45		P	7.0
2	☐			153.33		P	21.0
3	☐			173.34		P	13.9
4	☐			140.00		P	18.6
5	☐			155.56		P	25.7
6	☐			175.56		P	14.0
7	☐			181.11		P	8.3
8	☐			275.56		P	19.3

164 Er [No Gas] No available calibration points

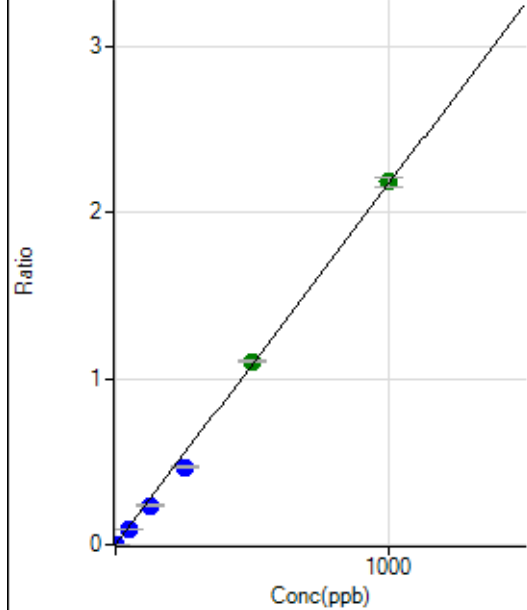
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	20.0
2	☐			23.33		P	14.3
3	☐			37.78		P	18.4
4	☐			38.89		P	52.4
5	☐			30.00		P	57.7
6	☐			61.11		P	20.6
7	☐			80.00		P	29.2
8	☐			204.45		P	9.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	53.3
2	☐			16.67		P	80.0
3	☐			25.55		P	52.7
4	☐			34.45		P	39.1
5	☐			22.22		P	48.2
6	☐			41.11		P	18.7
7	☐			74.44		P	2.6
8	☐			172.22		P	6.2

Calibration for 034SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	321.12	0.0001	P	3.9
2	☐	1.000	0.916	4835.35	0.0021	P	2.4
3	☐	50.000	42.715	218725.31	0.0929	P	1.5
4	☐	125.000	108.750	534483.24	0.2362	P	1.1
5	☐	250.000	215.592	1080357.47	0.4682	P	1.4
6	☐	500.000	509.020	2556061.31	1.1052	A	1.2
7	☐	1000.000	1006.487	5066957.77	2.1851	A	3.0
8	☐			500.01	0.0002	P	3.2

$$y = 0.0022 * x + 1.4159E-004$$

$$R = 0.9993$$

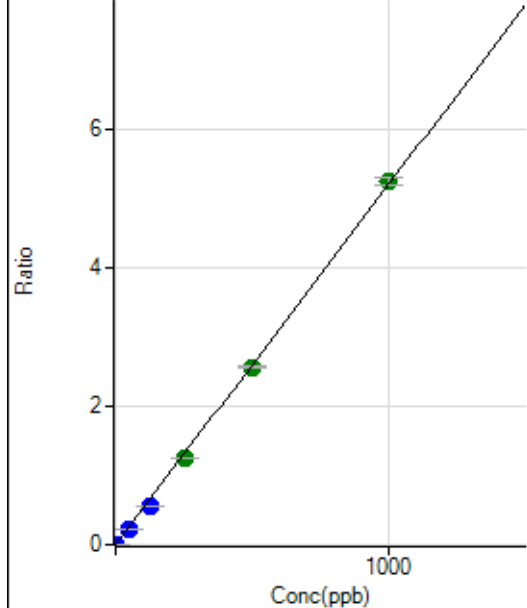
$$DL = 0.00758$$

$$BEC = 0.06522$$

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	771.14	0.0003	P	9.4
2	☐	1.000	0.918	11625.03	0.0051	P	1.8
3	☐	50.000	42.427	521340.16	0.2214	P	1.3
4	☐	125.000	107.862	1272081.09	0.5622	P	1.2
5	☐	250.000	240.895	2896895.96	1.2552	A	0.9
6	☐	500.000	493.323	5944689.01	2.5702	A	0.4
7	☐	1000.000	1008.136	12179492.87	5.2520	A	2.2
8	☐			1184.51	0.0006	P	9.9

$$y = 0.0052 * x + 3.3966E-004$$

$$R = 0.9998$$

$$DL = 0.0184$$

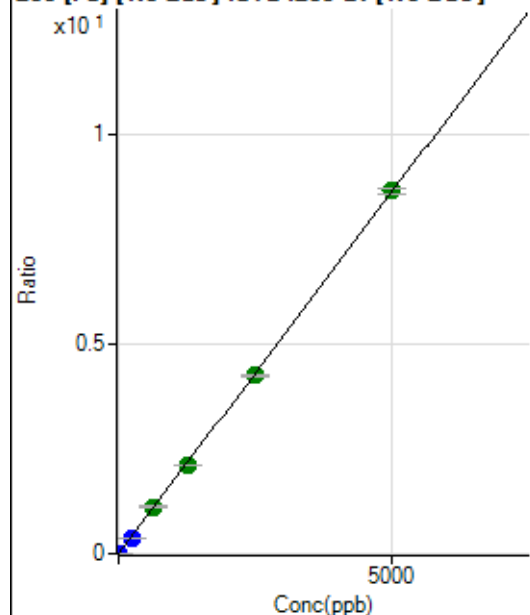
$$BEC = 0.0652$$

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	895.60	0.0004	P	6.7
2	☐	1.000	0.928	4533.03	0.0020	P	4.5
3	☐	250.000	213.315	867697.19	0.3684	P	1.6
4	☐	625.000	650.887	2541742.67	1.1234	A	0.9
5	☐	1250.000	1227.261	4887169.44	2.1178	A	1.4
6	☐	2500.000	2466.462	9843725.27	4.2558	A	1.6
7	☐	5000.000	5021.052	20091854.56	8.6632	A	1.5
8	☐			8546.08	0.0040	P	4.8

$$y = 0.0017 * x + 3.9517E-004$$

R = 0.9999

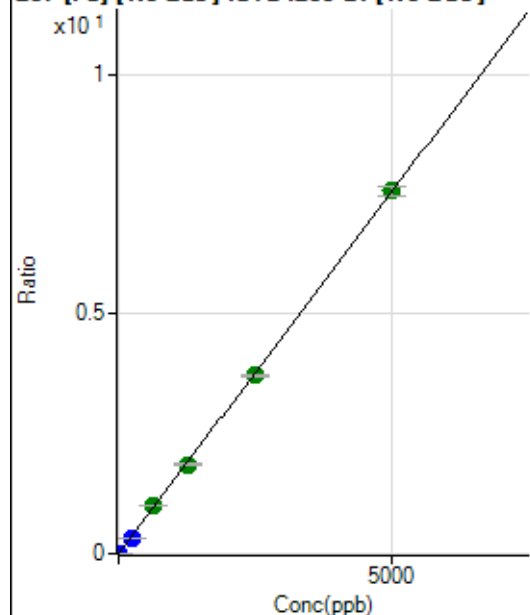
DL = 0.04618

BEC = 0.229

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	706.69	0.0003	P	4.5
2	☐	1.000	0.943	3933.95	0.0017	P	3.7
3	☐	250.000	211.147	750439.26	0.3186	P	1.5
4	☐	625.000	664.997	2269055.28	1.0029	A	1.0
5	☐	1250.000	1232.641	4288652.92	1.8586	A	2.4
6	☐	2500.000	2468.303	8607395.50	3.7215	A	1.2
7	☐	5000.000	5017.132	17539419.32	7.5641	A	3.0
8	☐			7474.36	0.0035	P	4.9

$$y = 0.0015 * x + 3.1154E-004$$

R = 0.9999

DL = 0.02777

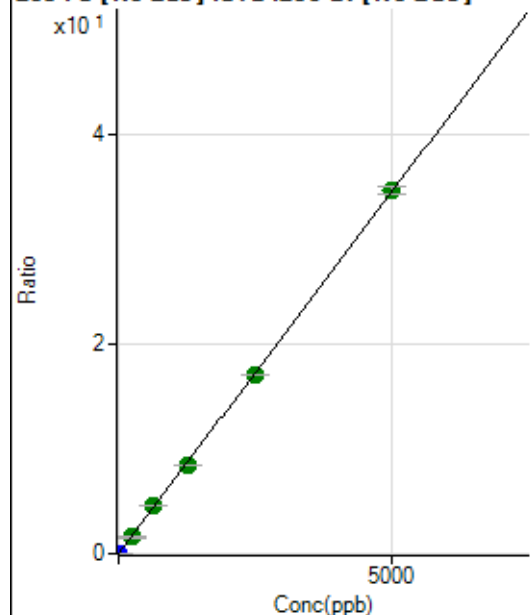
BEC = 0.2066

Weight: <None>

Min Conc: 0

Calibration for 034SMPL.d

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3407.98	0.0015	P	5.6
2	☐	1.000	0.932	18022.65	0.0079	P	2.1
3	☐	250.000	226.791	3689343.85	1.5664	A	1.1
4	☐	625.000	658.805	10289209.67	4.5475	A	0.8
5	☐	1250.000	1223.380	19483332.14	8.4432	A	1.5
6	☐	2500.000	2471.825	39453353.10	17.0579	A	0.7
7	☐	5000.000	5017.677	80295384.64	34.6250	A	2.2
8	☐			34199.39	0.0159	P	5.1

$$y = 0.0069 * x + 0.0015$$

$$R = 0.9999$$

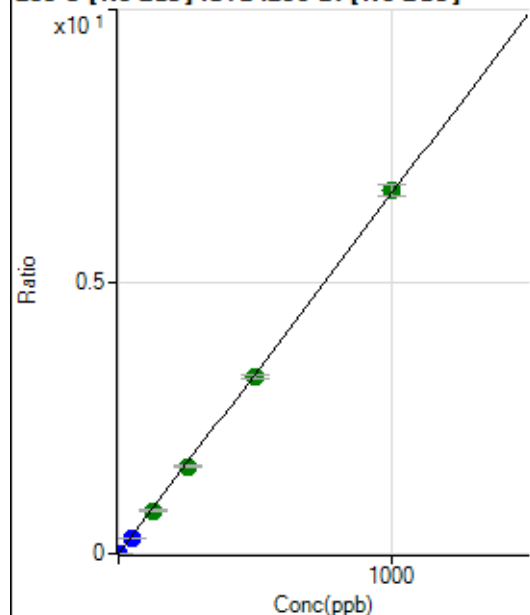
$$DL = 0.03656$$

$$BEC = 0.2179$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	293.34	0.0001	P	11.4
2	☐	1.000	0.913	14025.28	0.0062	P	1.6
3	☐	50.000	41.042	640342.03	0.2719	P	1.5
4	☐	125.000	120.009	1798411.38	0.7948	A	0.7
5	☐	250.000	241.551	3691025.78	1.5996	A	2.1
6	☐	500.000	490.157	7506878.92	3.2457	A	1.9
7	☐	1000.000	1008.106	15478322.69	6.6753	A	3.1
8	☐			812.26	0.0004	P	6.6

$$y = 0.0066 * x + 1.2910E-004$$

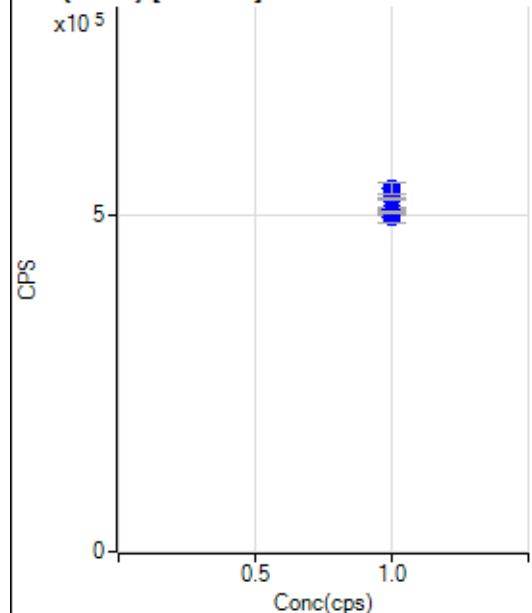
$$R = 0.9999$$

$$DL = 0.00667$$

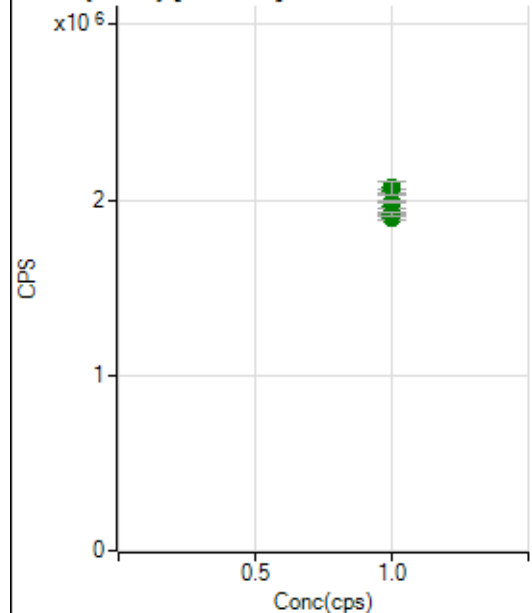
$$BEC = 0.0195$$

Weight: <None>

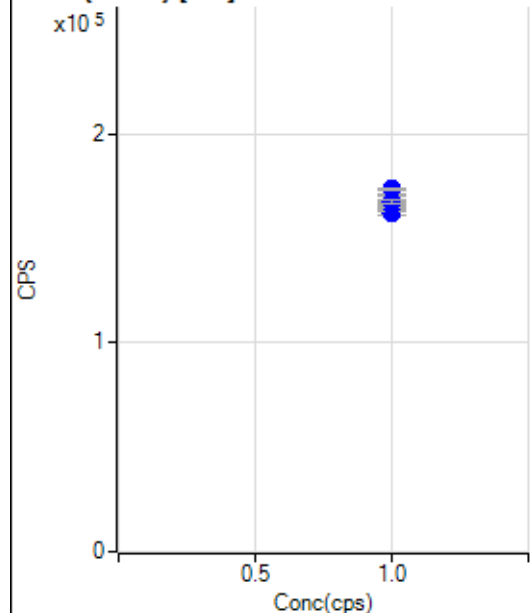
Min Conc: 0

6 Li (ISTD) [No Gas]

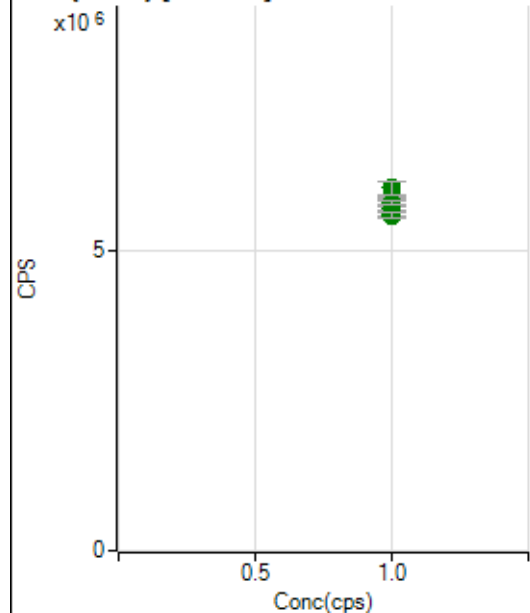
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		496878.98		P	2.9
2	☐	1.000		508640.72		P	1.2
3	☐	1.000		525604.17		P	0.6
4	☐	1.000		509191.55		P	0.1
5	☐	1.000		508213.22		P	1.0
6	☐	1.000		502694.76		P	0.7
7	☐	1.000		504420.70		P	0.6
8	☐	1.000		539325.61		P	3.3

45 Sc (ISTD) [No Gas]

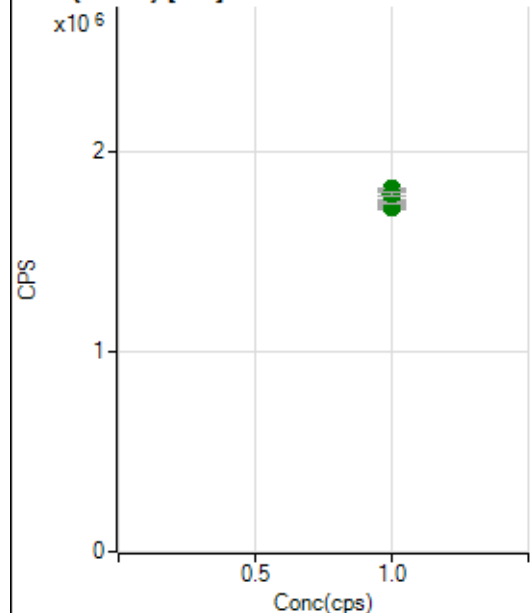
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1966094.12		A	1.7
2	☐	1.000		1988656.64		A	0.6
3	☐	1.000		2050117.37		A	1.5
4	☐	1.000		1917945.39		A	0.3
5	☐	1.000		1901213.95		A	1.2
6	☐	1.000		1912943.65		A	0.6
7	☐	1.000		1919343.41		A	0.9
8	☐	1.000		2067877.76		A	3.5

45 Sc (ISTD) [He]

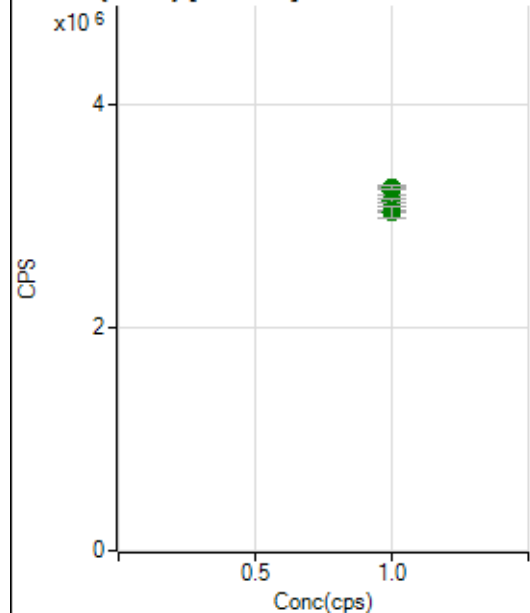
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		162605.36		P	1.3
2	☐	1.000		168355.88		P	0.8
3	☐	1.000		170787.03		P	0.4
4	☐	1.000		163607.33		P	0.3
5	☐	1.000		163400.81		P	0.0
6	☐	1.000		165594.54		P	0.5
7	☐	1.000		167851.85		P	1.1
8	☐	1.000		173879.71		P	0.4

89 Y (ISTD) [No Gas]

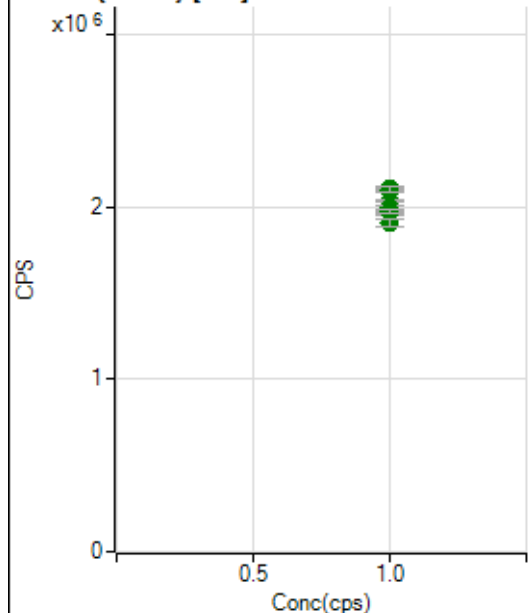
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5758795.47		A	3.6
2	☐	1.000		5813754.98		A	1.4
3	☐	1.000		5888918.11		A	0.3
4	☐	1.000		5698418.46		A	1.3
5	☐	1.000		5609507.35		A	1.0
6	☐	1.000		5581168.87		A	1.6
7	☐	1.000		5783661.58		A	1.3
8	☐	1.000		6037755.40		A	4.1

89 Y (ISTD) [He]

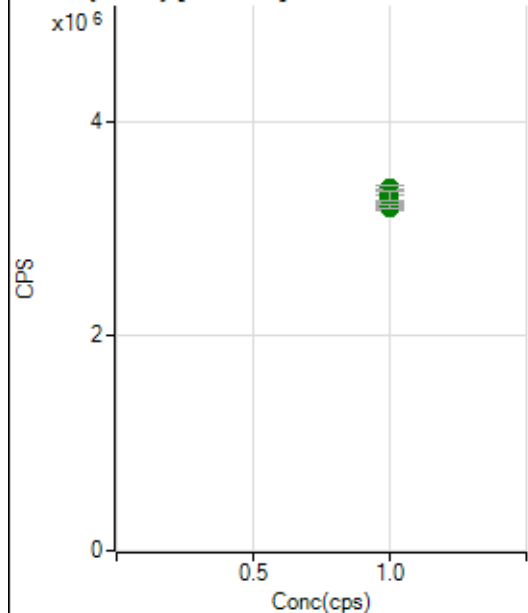
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1742014.23		A	2.4
2	☐	1.000		1813368.37		A	1.3
3	☐	1.000		1817766.97		A	0.3
4	☐	1.000		1720715.10		A	1.2
5	☐	1.000		1735122.27		A	1.4
6	☐	1.000		1746766.21		A	1.0
7	☐	1.000		1746909.77		A	0.9
8	☐	1.000		1792746.07		A	1.3

103 Rh (ISTD) [No Gas]

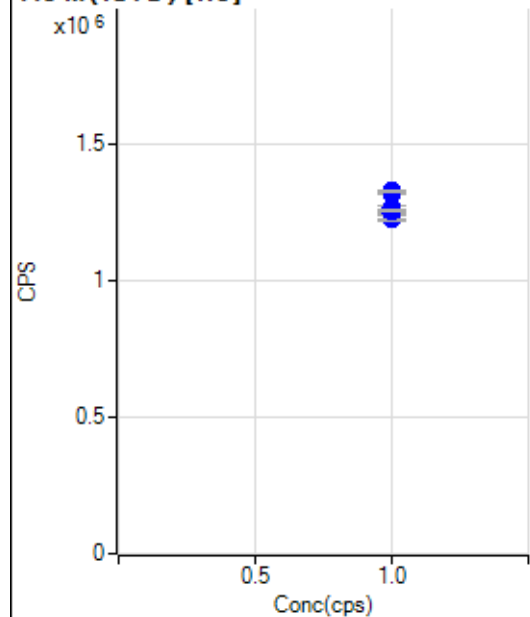
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3135958.15		A	3.8
2	☐	1.000		3221180.06		A	2.1
3	☐	1.000		3250673.28		A	1.1
4	☐	1.000		3135115.99		A	1.1
5	☐	1.000		3046396.80		A	0.5
6	☐	1.000		3057988.22		A	1.7
7	☐	1.000		3045776.80		A	0.1
8	☐	1.000		3028442.46		A	3.4

103 Rh (ISTD) [He]

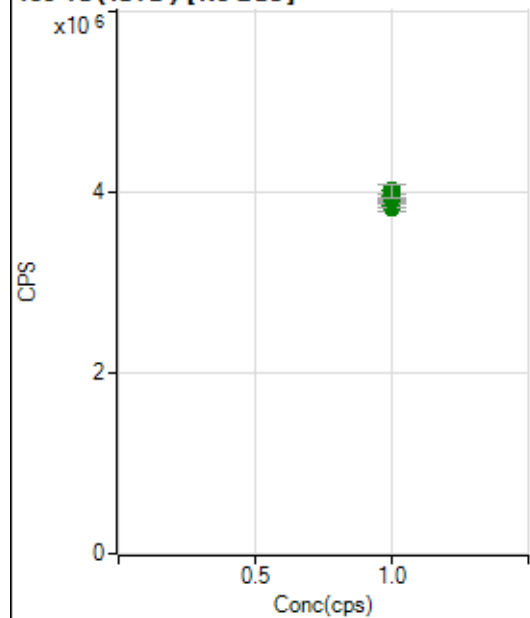
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2034031.00		A	0.6
2	☐	1.000		2107195.94		A	0.5
3	☐	1.000		2103220.12		A	1.3
4	☐	1.000		1987702.63		A	1.8
5	☐	1.000		1994214.27		A	1.6
6	☐	1.000		1972822.14		A	1.3
7	☐	1.000		1974383.44		A	1.1
8	☐	1.000		1906060.79		A	2.4

115 In (ISTD) [No Gas]

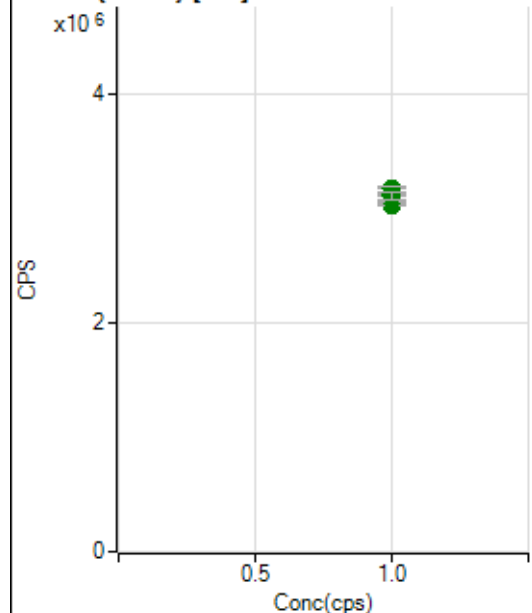
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3279327.24		A	2.4
2	☐	1.000		3329077.51		A	1.0
3	☐	1.000		3383309.79		A	1.0
4	☐	1.000		3296297.22		A	1.6
5	☐	1.000		3217850.71		A	0.7
6	☐	1.000		3189092.53		A	0.9
7	☐	1.000		3205511.18		A	1.1
8	☐	1.000		3308729.05		A	3.0

115 In (ISTD) [He]

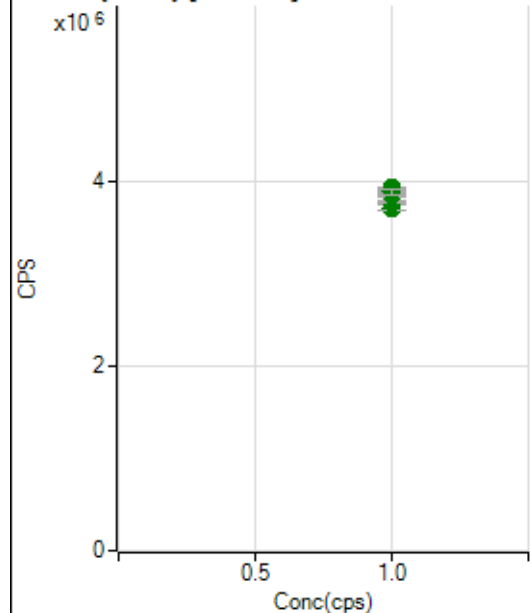
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1262693.07		P	1.4
2	☐	1.000		1315665.66		P	0.5
3	☐	1.000		1325801.53		P	0.6
4	☐	1.000		1257789.88		P	0.6
5	☐	1.000		1249582.02		P	0.4
6	☐	1.000		1246277.39		P	1.0
7	☐	1.000		1220467.97		P	0.4
8	☐	1.000		1251549.20		P	0.5

159 Tb (ISTD) [No Gas]

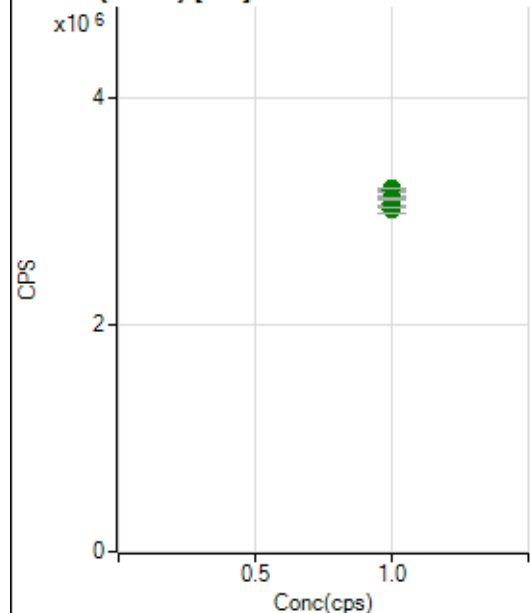
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3843539.18		A	2.4
2	☐	1.000		3863248.72		A	1.5
3	☐	1.000		3987064.32		A	0.3
4	☐	1.000		3910717.03		A	1.6
5	☐	1.000		3951475.64		A	1.2
6	☐	1.000		3943989.91		A	0.3
7	☐	1.000		3961458.80		A	1.4
8	☐	1.000		4019924.04		A	4.0

159 Tb (ISTD) [He]

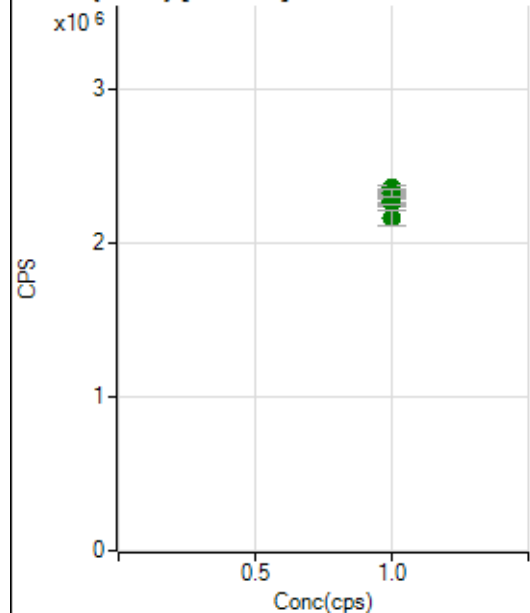
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3035101.76		A	0.5
2	☐	1.000		3135170.65		A	0.6
3	☐	1.000		3152407.94		A	1.5
4	☐	1.000		3072405.34		A	2.2
5	☐	1.000		3070321.10		A	0.4
6	☐	1.000		3122802.84		A	0.9
7	☐	1.000		3173050.13		A	1.6
8	☐	1.000		3110917.00		A	2.3

165 Ho (ISTD) [No Gas]

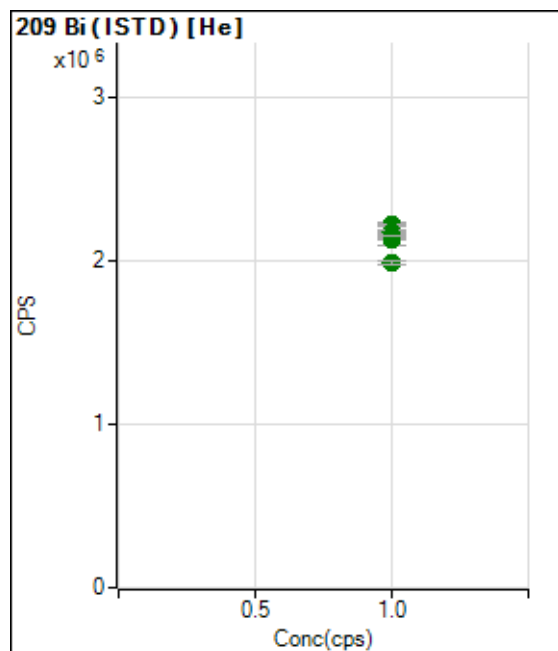
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3706838.45		A	1.7
2	☐	1.000		3754426.05		A	1.1
3	☐	1.000		3874694.49		A	0.6
4	☐	1.000		3761536.58		A	0.9
5	☐	1.000		3777962.55		A	0.8
6	☐	1.000		3841937.93		A	1.3
7	☐	1.000		3920388.48		A	0.6
8	☐	1.000		3879078.94		A	1.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3026340.16		A	2.0
2	☐	1.000		3171956.10		A	0.1
3	☐	1.000		3204331.34		A	0.2
4	☐	1.000		3117931.55		A	0.4
5	☐	1.000		3075090.58		A	2.4
6	☐	1.000		3129445.54		A	1.0
7	☐	1.000		3193662.49		A	0.6
8	☐	1.000		3118338.15		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2269781.93		A	3.4
2	☐	1.000		2270838.28		A	1.4
3	☐	1.000		2355482.59		A	1.4
4	☐	1.000		2262830.49		A	1.6
5	☐	1.000		2307868.32		A	1.3
6	☐	1.000		2312909.83		A	0.5
7	☐	1.000		2319677.95		A	2.0
8	☐	1.000		2159210.49		A	5.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2122693.63		A	3.1
2	☐	1.000		2215551.51		A	1.1
3	☐	1.000		2212486.06		A	0.7
4	☐	1.000		2162017.38		A	1.5
5	☐	1.000		2129424.74		A	0.8
6	☐	1.000		2174209.01		A	0.9
7	☐	1.000		2149525.35		A	0.3
8	☐	1.000		1984140.79		A	0.9

US EPA Tune Check Report

Reviewed By: Moh
On: 3/26/2025 2:17
PM
Inst Id : P7
LB : LB135118

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7032025MS2.b
Acq. Date-Time 2025-03-20 15:16:08
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		4262	42618.08			0.833	5.000
24		130086	1300864.20			0.865	5.000
25		14739	147388.13			0.567	5.000
26		16308	163077.42			0.742	5.000
59		53858	538582.49			0.198	5.000
113		7131	71311.48			0.780	5.000
115		93238	932382.60			1.358	5.000
206		16730	167295.57			1.943	5.000
207		14709	147089.39			1.971	5.000
208		34627	346268.64			1.557	5.000
220		0	3.30			34.881	

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	4272	4245	4234	4238	4319
24	129018	128832	130427	130711	131445
25	14669	14629	14787	14811	14798
26	16150	16208	16404	16416	16362
59	53766	53824	53766	53927	54009
113	7127	7158	7210	7089	7071
115	94309	92917	94777	92392	91796
206	17113	16881	16874	16372	16408
207	15000	14875	14869	14462	14338
208	35217	34710	35064	34104	34041

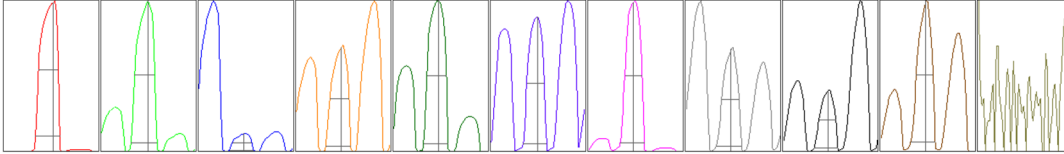
US EPA Tune Check Report

Reviewed By: Moh
On: 3/26/2025 2:17
PM
Inst Id : P7
LB : LB135118

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	6992.55	9.10	8.90 - 9.10	
24	219102.29	24.00	23.90 - 24.10	
25	24790.79	24.95	24.90 - 25.10	
26	27728.06	25.95	25.90 - 26.10	
59	90002.90	58.95	58.90 - 59.10	
113	13443.32	113.00	112.90 - 113.10	
115	172632.14	114.95	114.90 - 115.10	
206	31497.85	205.95	205.90 - 206.10	
207	27458.39	206.95	206.90 - 207.10	
208	67397.29	207.95	207.90 - 208.10	
220	0.00	219.55	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.765	0.900	
24	0.64	0.822	0.900	
25	0.63	0.747	0.900	
26	0.62	0.786	0.900	
59	0.63	0.776	0.900	
113	0.55	0.744	0.900	
115	0.54	0.766	0.900	
206	0.55	0.804	0.900	
207	0.54	0.740	0.900	
208	0.53	0.775	0.900	
220	0.40	0.400		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

Reviewed By: Moh
On: 3/26/2025 2:17
PM
Inst Id : P7
LB : LB135118

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.5 V	Deflect	16.0 V
Extract 2	-110.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-50 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	138	Axis Gain	0.9975	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	0.4 mm
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EM

Discriminator	4.7 mV	Analog HV	2340 V	Pulse HV	1120 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		18581	185806.17			0.437	
89		100023	1000233.29			0.531	
205		20145	201447.82			1.159	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	18681	18615	18545	18598	18464
89	99512	100374	100645	99438	100148
205	20542	20106	20102	20046	19928

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.6 V	Deflect	3.4 V
-----------	-------	------------	-------	---------	-------

US EPA Tune Check Report

Reviewed By: Moh
On: 3/26/2025 2:17
PM
Inst Id : P7
LB : LB135118

Extract 2	-125.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-60 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	138	Axis Gain	0.9975	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.12		
Hardware Settings					
Torch					
Torch H	-0.3 mm	Torch V	0.4 mm		
EM					
Discriminator	4.7 mV	Analog HV	2340 V	Pulse HV	1120 V

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:48:24 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	-0.30	0.07	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.03	0.00	0.03	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.03	-0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	-0.05	0.03	0.00	N/A	ppb
Cadmium	106-1	0.28	-0.51	0.23	0.00	N/A	ppb
Cadmium	111-1	0.03	-0.04	0.01	0.00	N/A	ppb
Calcium	43-1	1.73	3.00	-4.73	0.00	N/A	ppb
Calcium	44-1	0.84	-1.23	0.39	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	0.04	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	-0.04	-0.02	0.06	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	-0.19	-0.19	0.38	0.00	N/A	ppb
Iron	57-2	-1.53	0.73	0.80	0.00	N/A	ppb
Iron	54-2	0.71	-0.23	-0.48	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:48:24 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.02	0.01	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.31	-0.16	-0.15	0.00	N/A	ppb
Manganese	55-2	-0.03	-0.01	0.04	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Phosphorus	31-2	-14.25	-19.28	-10.52	-14.68		ppb
Potassium	39-2	-1.36	-1.10	2.46	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.08	-0.27	0.35	0.00	N/A	ppb
Selenium	77-2	-0.01	-0.25	0.26	0.00	N/A	ppb
Selenium	78-2	-0.71	-0.75	1.46	0.00	N/A	ppb
Silicon	28-1	-2.60	-0.56	3.16	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	-0.12	-0.12	0.24	0.00	N/A	ppb
Strontium	86-1	-0.32	-0.03	0.35	0.00	N/A	ppb
Strontium	88-1	0.01	0.04	-0.05	0.00	N/A	ppb
Sulfur	34-1	-199.35	-100.00	17.70	-93.88		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	0.01	-0.01	0.00	N/A	ppb
Tin	118-1	0.01	0.01	-0.02	0.00	N/A	ppb
Titanium	47-1	0.01	0.01	-0.02	0.00	N/A	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:48:24 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	0.04	-0.17	0.14	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:55:04 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.27	17.52	16.98	17.59	3.68	ppb
Antimony	121-1	2.00	1.98	1.98	1.99	0.66	ppb
Arsenic	75-2	1.33	0.98	0.89	1.07	21.92	ppb
Barium	135-1	9.98	9.54	9.50	9.67	2.74	ppb
Barium	137-1	9.83	9.80	9.82	9.82	0.16	ppb
Beryllium	9-1	1.04	1.14	1.06	1.08	4.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.24	1.10	1.09	1.14	7.36	ppb
Cadmium	106-1	1.06	1.46	1.25	1.26	16.05	ppb
Cadmium	111-1	1.16	1.22	1.21	1.20	2.56	ppb
Calcium	43-1	506.85	529.13	507.21	514.40	2.48	ppb
Calcium	44-1	509.65	514.04	517.67	513.78	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	2.04	1.94	1.98	2.52	ppb
Cobalt	59-2	1.08	1.08	1.06	1.07	1.21	ppb
Copper	63-2	1.95	1.98	1.92	1.95	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	54.30	53.37	55.01	54.23	1.52	ppb
Iron	57-2	59.01	57.92	54.88	57.27	3.74	ppb
Iron	54-2	53.53	54.04	52.17	53.25	1.82	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:55:04 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.91	0.99	0.89	0.93	5.59	ppb
Lead	207-1	0.95	0.98	0.90	0.94	4.51	ppb
Lead	208-1	0.94	0.95	0.91	0.93	2.59	ppb
Lithium	6-1				102		%
Magnesium	24-2	475.77	471.15	476.43	474.45	0.61	ppb
Manganese	55-2	0.88	0.91	0.91	0.90	2.05	ppb
Molybdenum	94-1	5.64	5.66	5.75	5.68	1.05	ppb
Molybdenum	95-1	4.82	4.86	4.82	4.83	0.51	ppb
Molybdenum	96-1	4.73	4.93	5.04	4.90	3.24	ppb
Molybdenum	97-1	4.87	4.74	4.85	4.82	1.41	ppb
Molybdenum	98-1	4.97	4.77	4.74	4.83	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.10	1.19	1.13	4.62	ppb
Phosphorus	31-2	23.30	12.37	8.37	14.68	52.62	ppb
Potassium	39-2	496.30	495.91	497.85	496.69	0.21	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	5.61	4.94	5.10	5.22	6.71	ppb
Selenium	77-2	4.44	7.02	4.78	5.41	25.89	ppb
Selenium	78-2	7.32	4.86	5.25	5.81	22.76	ppb
Silicon	28-1	-0.33	-1.80	0.83	-0.43		ppb
Silver	107-1	1.02	1.05	1.02	1.03	1.69	ppb
Silver	109-1	1.01	1.02	1.06	1.03	2.38	ppb
Sodium	23-2	473.95	468.86	466.54	469.79	0.81	ppb
Strontium	86-1	25.96	24.67	25.20	25.28	2.58	ppb
Strontium	88-1	25.19	25.02	25.10	25.10	0.35	ppb
Sulfur	34-1	101.13	108.31	72.20	93.88	20.36	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.93	0.89	0.93	0.92	2.56	ppb
Thallium	205-1	0.91	0.94	0.90	0.92	1.91	ppb
Tin	118-1	5.18	5.16	5.06	5.14	1.22	ppb
Titanium	47-1	4.89	4.83	5.04	4.92	2.28	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:55:04 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.91	0.90	0.91	1.59	ppb
Vanadium	51-2	5.12	5.19	5.00	5.10	1.80	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	4.70	4.52	5.05	4.76	5.64	ppb
Zirconium	90-1	0.92	0.97	0.94	0.94	2.51	ppb
Zirconium	91-1	1.08	0.96	0.91	0.98	8.74	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:58:22 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	853.97	865.95	863.96	861.29	0.75	ppb
Antimony	121-1	46.15	46.49	46.13	46.26	0.44	ppb
Arsenic	75-2	49.81	50.25	50.55	50.21	0.74	ppb
Barium	135-1	222.64	225.27	223.50	223.80	0.60	ppb
Barium	137-1	223.54	225.53	224.68	224.58	0.44	ppb
Beryllium	9-1	48.57	50.59	50.35	49.84	2.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	50.73	54.39	53.18	52.77	3.53	ppb
Cadmium	106-1	53.06	52.76	51.86	52.56	1.19	ppb
Cadmium	111-1	51.36	51.01	50.77	51.04	0.58	ppb
Calcium	43-1	4805.31	4735.81	4815.10	4785.41	0.90	ppb
Calcium	44-1	4966.27	4923.08	5112.41	5000.59	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.41	46.25	46.64	46.43	0.42	ppb
Cobalt	59-2	47.11	46.15	46.79	46.69	1.04	ppb
Copper	63-2	474.72	512.00	471.08	485.93	4.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	2677.06	2685.40	2658.16	2673.54	0.52	ppb
Iron	57-2	2558.43	2510.69	2523.69	2530.94	0.98	ppb
Iron	54-2	2543.22	2521.68	2546.58	2537.16	0.53	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:58:22 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	210.93	217.25	211.77	213.31	1.61	ppb
Lead	207-1	208.69	214.75	209.99	211.15	1.51	ppb
Lead	208-1	224.99	229.69	225.69	226.79	1.12	ppb
Lithium	6-1				106		%
Magnesium	24-2	5049.97	5004.83	4983.25	5012.68	0.68	ppb
Manganese	55-2	456.80	457.53	456.74	457.02	0.10	ppb
Molybdenum	94-1	448.87	456.67	447.81	451.12	1.07	ppb
Molybdenum	95-1	488.61	493.64	496.13	492.79	0.78	ppb
Molybdenum	96-1	495.12	499.24	484.81	493.06	1.51	ppb
Molybdenum	97-1	448.99	456.96	451.67	452.54	0.90	ppb
Molybdenum	98-1	496.71	502.65	494.84	498.07	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.65	51.02	51.19	51.28	0.63	ppb
Phosphorus	31-2	1043.89	975.95	1017.13	1012.32	3.38	ppb
Potassium	39-2	2352.83	2342.98	2332.98	2342.93	0.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	52.88	53.35	51.66	52.63	1.65	ppb
Selenium	77-2	54.21	55.46	47.36	52.34	8.33	ppb
Selenium	78-2	47.44	50.88	49.85	49.39	3.58	ppb
Silicon	28-1	44.41	41.07	46.23	43.90	5.96	ppb
Silver	107-1	47.79	47.77	47.48	47.68	0.37	ppb
Silver	109-1	47.87	47.39	47.10	47.45	0.82	ppb
Sodium	23-2	5121.50	5058.00	4944.37	5041.29	1.78	ppb
Strontium	86-1	1168.67	1173.60	1176.05	1172.77	0.32	ppb
Strontium	88-1	1124.90	1144.06	1122.97	1130.64	1.03	ppb
Sulfur	34-1	1057.53	877.02	1126.09	1020.21	12.61	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	42.41	43.44	42.30	42.71	1.47	ppb
Thallium	205-1	42.46	42.95	41.87	42.43	1.27	ppb
Tin	118-1	45.72	45.93	46.18	45.94	0.50	ppb
Titanium	47-1	447.23	435.33	443.36	441.97	1.37	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:58:22 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	40.87	41.73	40.52	41.04	1.52	ppb
Vanadium	51-2	46.30	46.81	47.00	46.70	0.78	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	491.09	485.76	483.35	486.73	0.81	ppb
Zirconium	90-1	44.46	45.11	44.98	44.85	0.76	ppb
Zirconium	91-1	46.62	46.18	45.68	46.16	1.02	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:04:42 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2175.25	2200.83	2185.34	2187.14	0.59	ppb
Antimony	121-1	119.20	123.23	119.20	120.54	1.93	ppb
Arsenic	75-2	125.56	124.98	127.92	126.15	1.24	ppb
Barium	135-1	551.06	558.54	542.33	550.64	1.47	ppb
Barium	137-1	549.46	566.46	546.90	554.27	1.92	ppb
Beryllium	9-1	125.33	125.41	126.49	125.75	0.51	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	129.34	134.79	118.82	127.65	6.36	ppb
Cadmium	106-1	127.77	127.57	127.40	127.58	0.15	ppb
Cadmium	111-1	126.81	127.32	127.05	127.06	0.20	ppb
Calcium	43-1	12224.38	12225.17	12116.82	12188.79	0.51	ppb
Calcium	44-1	12814.23	13179.98	12892.40	12962.20	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117.97	117.38	117.44	117.60	0.27	ppb
Cobalt	59-2	117.06	115.56	115.94	116.19	0.67	ppb
Copper	63-2	1292.64	1308.58	1304.13	1301.78	0.63	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				103		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	6834.41	6670.00	6630.97	6711.79	1.61	ppb
Iron	57-2	6424.00	6381.72	6334.94	6380.22	0.70	ppb
Iron	54-2	6376.46	6389.50	6366.08	6377.35	0.18	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:04:42 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	657.16	645.32	650.18	650.89	0.91	ppb
Lead	207-1	672.15	659.98	662.86	665.00	0.96	ppb
Lead	208-1	664.66	653.66	658.09	658.80	0.84	ppb
Lithium	6-1				102		%
Magnesium	24-2	12493.77	12858.92	12566.09	12639.59	1.53	ppb
Manganese	55-2	1250.22	1248.88	1253.23	1250.78	0.18	ppb
Molybdenum	94-1	1217.95	1272.04	1248.39	1246.13	2.18	ppb
Molybdenum	95-1	1220.17	1233.09	1229.14	1227.46	0.54	ppb
Molybdenum	96-1	1224.12	1249.60	1241.26	1238.33	1.05	ppb
Molybdenum	97-1	1244.34	1247.25	1231.23	1240.94	0.69	ppb
Molybdenum	98-1	1208.87	1223.08	1227.69	1219.88	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	160.72	160.07	157.55	159.45	1.05	ppb
Phosphorus	31-2	2642.14	2571.66	2609.99	2607.93	1.35	ppb
Potassium	39-2	6331.33	6412.31	6462.86	6402.17	1.04	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	127.87	132.19	131.33	130.46	1.75	ppb
Selenium	77-2	123.59	123.29	126.10	124.32	1.24	ppb
Selenium	78-2	123.90	125.19	122.07	123.72	1.27	ppb
Silicon	28-1	134.74	136.25	137.77	136.25	1.11	ppb
Silver	107-1	115.55	120.01	115.07	116.88	2.33	ppb
Silver	109-1	114.78	118.44	114.56	115.93	1.88	ppb
Sodium	23-2	12181.52	12646.09	12747.98	12525.20	2.41	ppb
Strontium	86-1	2841.14	2922.06	2908.39	2890.53	1.50	ppb
Strontium	88-1	3042.92	3186.39	3133.93	3121.08	2.33	ppb
Sulfur	34-1	2741.98	2467.10	2513.84	2574.31	5.71	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	109.76	107.48	109.01	108.75	1.07	ppb
Thallium	205-1	109.35	107.36	106.87	107.86	1.22	ppb
Tin	118-1	112.94	115.93	112.97	113.95	1.51	ppb
Titanium	47-1	1117.87	1123.34	1111.67	1117.63	0.52	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:04:42 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	119.76	119.37	120.90	120.01	0.66	ppb
Vanadium	51-2	116.46	118.55	115.96	116.99	1.17	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	1768.19	1757.70	1761.42	1762.44	0.30	ppb
Zirconium	90-1	109.44	111.94	111.65	111.01	1.23	ppb
Zirconium	91-1	112.79	115.00	113.65	113.81	0.98	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:07:45 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4337.32	4308.71	4281.63	4309.22	0.65	ppb
Antimony	121-1	220.14	226.75	223.23	223.38	1.48	ppb
Arsenic	75-2	252.20	249.20	246.75	249.38	1.09	ppb
Barium	135-1	1190.99	1240.50	1220.09	1217.19	2.04	ppb
Barium	137-1	1209.30	1232.58	1226.95	1222.94	0.99	ppb
Beryllium	9-1	246.56	251.09	255.66	251.10	1.81	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	247.52	251.56	253.45	250.84	1.21	ppb
Cadmium	106-1	247.59	247.95	245.86	247.13	0.45	ppb
Cadmium	111-1	245.34	254.18	249.45	249.66	1.77	ppb
Calcium	43-1	24030.31	23948.82	24103.13	24027.42	0.32	ppb
Calcium	44-1	25162.71	25063.60	25246.92	25157.74	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	232.81	230.48	231.50	231.60	0.51	ppb
Cobalt	59-2	229.09	228.14	230.27	229.17	0.47	ppb
Copper	63-2	2533.18	2573.77	2544.52	2550.49	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	13428.35	13277.39	13280.24	13328.66	0.65	ppb
Iron	57-2	12614.43	12533.96	12463.67	12537.35	0.60	ppb
Iron	54-2	13508.66	13018.42	13125.89	13217.66	1.95	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:07:45 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1245.71	1225.37	1210.70	1227.26	1.43	ppb
Lead	207-1	1253.68	1245.00	1199.24	1232.64	2.37	ppb
Lead	208-1	1229.21	1238.22	1202.71	1223.38	1.51	ppb
Lithium	6-1				102		%
Magnesium	24-2	25217.10	24897.60	24862.94	24992.55	0.78	ppb
Manganese	55-2	2568.73	2515.29	2506.35	2530.12	1.33	ppb
Molybdenum	94-1	2460.87	2511.43	2554.08	2508.79	1.86	ppb
Molybdenum	95-1	2458.60	2447.34	2516.22	2474.05	1.49	ppb
Molybdenum	96-1	2477.16	2498.19	2518.96	2498.10	0.84	ppb
Molybdenum	97-1	2453.44	2483.45	2499.87	2478.92	0.95	ppb
Molybdenum	98-1	2420.55	2468.50	2496.07	2461.70	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.14	253.44	254.50	254.36	0.34	ppb
Phosphorus	31-2	5029.59	4952.44	5059.56	5013.86	1.10	ppb
Potassium	39-2	12512.18	12262.27	12294.23	12356.23	1.10	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	256.59	259.48	259.78	258.62	0.68	ppb
Selenium	77-2	259.84	247.31	251.43	252.86	2.53	ppb
Selenium	78-2	265.25	253.76	249.53	256.18	3.17	ppb
Silicon	28-1	262.93	267.94	278.81	269.89	3.01	ppb
Silver	107-1	243.82	251.88	250.59	248.76	1.74	ppb
Silver	109-1	252.63	250.45	247.68	250.25	0.99	ppb
Sodium	23-2	25645.52	24846.05	24823.52	25105.03	1.87	ppb
Strontium	86-1	5768.14	5865.27	5893.09	5842.17	1.12	ppb
Strontium	88-1	6112.00	6277.35	6334.76	6241.37	1.85	ppb
Sulfur	34-1	5021.67	4845.45	4959.64	4942.26	1.81	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	215.52	218.57	212.69	215.59	1.37	ppb
Thallium	205-1	238.53	242.66	241.50	240.89	0.88	ppb
Tin	118-1	219.12	225.99	223.70	222.94	1.57	ppb
Titanium	47-1	2497.97	2483.47	2444.41	2475.28	1.12	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:07:45 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	240.05	247.18	237.42	241.55	2.09	ppb
Vanadium	51-2	233.56	230.04	231.66	231.75	0.76	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	2411.76	2405.35	2406.91	2408.00	0.14	ppb
Zirconium	90-1	243.87	252.23	253.92	250.01	2.15	ppb
Zirconium	91-1	227.00	231.68	234.29	230.99	1.60	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:10:39 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9738.76	9748.75	9570.70	9686.07	1.03	ppb
Antimony	121-1	496.93	498.42	493.14	496.16	0.55	ppb
Arsenic	75-2	492.89	493.61	493.31	493.27	0.07	ppb
Barium	135-1	2438.23	2488.99	2438.31	2455.18	1.19	ppb
Barium	137-1	2458.01	2464.27	2459.89	2460.72	0.13	ppb
Beryllium	9-1	493.63	507.39	500.36	500.46	1.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	497.71	505.53	496.61	499.95	0.97	ppb
Cadmium	106-1	499.95	501.96	494.75	498.89	0.75	ppb
Cadmium	111-1	497.02	499.22	494.45	496.89	0.48	ppb
Calcium	43-1	47309.73	47486.37	47924.82	47573.64	0.67	ppb
Calcium	44-1	50151.28	49857.62	50569.70	50192.87	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	461.82	465.36	459.65	462.28	0.62	ppb
Cobalt	59-2	506.20	498.14	498.72	501.02	0.90	ppb
Copper	63-2	5135.73	5087.02	5003.06	5075.27	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	26060.36	26343.18	26434.66	26279.40	0.74	ppb
Iron	57-2	26909.79	26025.94	26435.58	26457.11	1.67	ppb
Iron	54-2	26659.76	27052.47	26816.83	26843.02	0.74	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:10:39 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2470.97	2424.07	2504.34	2466.46	1.63	ppb
Lead	207-1	2437.69	2472.47	2494.75	2468.30	1.17	ppb
Lead	208-1	2455.36	2469.37	2490.74	2471.83	0.72	ppb
Lithium	6-1				101		%
Magnesium	24-2	50597.61	49890.22	48927.74	49805.19	1.68	ppb
Manganese	55-2	5002.18	5027.46	4982.68	5004.11	0.45	ppb
Molybdenum	94-1	4931.72	5092.73	5087.28	5037.25	1.81	ppb
Molybdenum	95-1	4971.71	5101.15	5106.66	5059.84	1.51	ppb
Molybdenum	96-1	4915.63	5066.33	5144.21	5042.06	2.30	ppb
Molybdenum	97-1	4933.97	5084.78	5165.68	5061.48	2.32	ppb
Molybdenum	98-1	4894.06	5058.13	5124.08	5025.42	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.51	505.65	499.21	502.46	0.64	ppb
Phosphorus	31-2	9985.00	9987.15	10172.54	10048.23	1.07	ppb
Potassium	39-2	25017.38	24864.55	24985.39	24955.77	0.32	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	82-1	502.52	515.13	529.51	515.72	2.62	ppb
Selenium	77-2	508.09	521.16	496.54	508.60	2.42	ppb
Selenium	78-2	513.69	505.85	504.21	507.92	1.00	ppb
Silicon	28-1	527.97	529.42	544.02	533.80	1.66	ppb
Silver	107-1	494.08	508.28	501.44	501.27	1.42	ppb
Silver	109-1	505.06	502.19	494.84	500.70	1.05	ppb
Sodium	23-2	50188.53	51021.13	50767.68	50659.11	0.84	ppb
Strontium	86-1	11478.53	11822.59	11901.79	11734.30	1.92	ppb
Strontium	88-1	12112.70	12389.94	12850.24	12450.96	2.99	ppb
Sulfur	34-1	9579.00	9577.62	9727.03	9627.88	0.89	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	506.19	515.83	505.04	509.02	1.16	ppb
Thallium	205-1	494.68	491.12	494.17	493.32	0.39	ppb
Tin	118-1	498.31	503.52	509.33	503.72	1.09	ppb
Titanium	47-1	4971.00	4819.66	5018.16	4936.27	2.10	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:10:39 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	479.61	492.82	498.04	490.16	1.94	ppb
Vanadium	51-2	469.08	467.47	463.07	466.54	0.67	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	5191.81	5041.73	5119.42	5117.65	1.47	ppb
Zirconium	90-1	486.58	506.07	508.28	500.31	2.39	ppb
Zirconium	91-1	457.36	470.46	473.39	467.07	1.83	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:13:29 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18967.34	19063.78	19532.21	19187.78	1.57	ppb
Antimony	121-1	983.89	1030.16	1013.90	1009.32	2.33	ppb
Arsenic	75-2	996.18	1012.45	1001.46	1003.36	0.83	ppb
Barium	135-1	4933.63	5150.93	5039.10	5041.22	2.16	ppb
Barium	137-1	4937.47	5179.89	4992.18	5036.52	2.52	ppb
Beryllium	9-1	980.39	1008.20	1009.63	999.41	1.65	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	976.62	1025.32	996.09	999.34	2.45	ppb
Cadmium	106-1	987.55	1018.45	996.48	1000.82	1.59	ppb
Cadmium	111-1	993.23	1016.17	994.58	1001.33	1.29	ppb
Calcium	43-1	101246.45	103655.85	104490.57	103130.95	1.63	ppb
Calcium	44-1	101800.57	100980.26	102387.40	101722.74	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1026.31	1026.42	1020.97	1024.57	0.30	ppb
Cobalt	59-2	987.43	1010.31	1020.16	1005.97	1.67	ppb
Copper	63-2	9949.83	9897.55	9984.54	9943.97	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	51570.93	51746.74	52815.44	52044.37	1.29	ppb
Iron	57-2	51710.28	52843.55	53260.33	52604.72	1.52	ppb
Iron	54-2	53799.73	53898.53	52533.23	53410.50	1.43	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:13:29 DataFile Name : 012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4935.82	5082.39	5044.95	5021.05	1.52	ppb
Lead	207-1	4845.75	5106.54	5099.10	5017.13	2.96	ppb
Lead	208-1	4891.17	5106.27	5055.59	5017.68	2.24	ppb
Lithium	6-1				102		%
Magnesium	24-2	97470.42	95306.23	101758.41	98178.35	3.34	ppb
Manganese	55-2	10037.60	9965.50	9974.30	9992.47	0.39	ppb
Molybdenum	94-1	9941.98	10110.82	9893.52	9982.11	1.14	ppb
Molybdenum	95-1	9924.00	10104.33	9910.90	9979.74	1.08	ppb
Molybdenum	96-1	9998.04	10039.87	9905.85	9981.25	0.69	ppb
Molybdenum	97-1	10011.40	10053.38	9869.34	9978.04	0.97	ppb
Molybdenum	98-1	9824.38	10180.41	9997.39	10000.72	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	980.43	994.23	1005.27	993.31	1.25	ppb
Phosphorus	31-2	19889.36	19962.95	20022.62	19958.31	0.33	ppb
Potassium	39-2	49442.52	49260.27	49905.71	49536.17	0.67	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	82-1	981.47	1001.78	984.27	989.17	1.11	ppb
Selenium	77-2	988.67	998.10	998.09	994.95	0.55	ppb
Selenium	78-2	970.63	1016.10	997.32	994.68	2.30	ppb
Silicon	28-1	955.30	989.56	986.52	977.13	1.94	ppb
Silver	107-1	992.14	1014.87	995.41	1000.81	1.23	ppb
Silver	109-1	988.95	1006.26	1007.33	1000.85	1.03	ppb
Sodium	23-2	99900.08	99669.21	102327.38	100632.22	1.46	ppb
Strontium	86-1	25780.34	25360.06	25413.53	25517.98	0.90	ppb
Strontium	88-1	24749.45	25289.51	25060.44	25033.13	1.08	ppb
Sulfur	34-1	19796.18	20321.79	20452.62	20190.20	1.72	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	976.80	1036.97	1005.69	1006.49	2.99	ppb
Thallium	205-1	984.83	1029.99	1009.58	1008.14	2.24	ppb
Tin	118-1	986.72	1031.84	1000.90	1006.49	2.29	ppb
Titanium	47-1	9991.97	9958.65	10221.84	10057.49	1.42	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:13:29 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	972.32	1028.85	1023.15	1008.11	3.09	ppb
Vanadium	51-2	1009.34	1024.56	1033.48	1022.46	1.19	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	9768.91	9903.59	10029.85	9900.78	1.32	ppb
Zirconium	90-1	1001.27	1013.70	990.58	1001.85	1.16	ppb
Zirconium	91-1	1026.63	1030.43	1011.36	1022.81	0.99	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:19:30 DataFile Name : 014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100387.02	99265.08	101060.66	100237.59	0.90	ppb
Antimony	121-1	0.27	0.30	0.34	0.30	11.05	ppb
Arsenic	75-2	0.59	0.53	0.38	0.50	21.87	ppb
Barium	135-1	2.06	2.24	2.18	2.16	4.24	ppb
Barium	137-1	2.03	2.33	2.23	2.20	7.04	ppb
Beryllium	9-1	0.03	0.02	0.08	0.04	75.46	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.27	0.22	0.29	0.26	12.79	ppb
Cadmium	106-1	1.23	1.33	0.10	0.89	77.18	ppb
Cadmium	111-1	0.23	0.26	0.16	0.22	23.06	ppb
Calcium	43-1	471040.25	513177.10	514807.61	499674.99	4.97	ppb
Calcium	44-1	470939.48	505511.97	522398.66	499616.70	5.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.08	5.27	5.49	5.28	3.94	ppb
Cobalt	59-2	2.38	2.38	2.45	2.41	1.69	ppb
Copper	63-2	3.31	3.29	3.23	3.27	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	248491.42	249759.66	249974.33	249408.47	0.32	ppb
Iron	57-2	249210.60	250206.21	248566.93	249327.91	0.33	ppb
Iron	54-2	250332.75	248189.14	248760.58	249094.16	0.45	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:19:30 DataFile Name : 014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.95	2.17	2.08	2.07	5.30	ppb
Lead	207-1	1.98	2.20	2.10	2.09	5.37	ppb
Lead	208-1	1.95	2.17	2.12	2.08	5.61	ppb
Lithium	6-1				109		%
Magnesium	24-2	510623.83	497575.17	492942.78	500380.59	1.83	ppb
Manganese	55-2	4.63	4.58	4.81	4.67	2.60	ppb
Molybdenum	94-1	1.91	2.09	2.13	2.04	5.58	ppb
Molybdenum	95-1	1.12	1.28	1.32	1.24	8.36	ppb
Molybdenum	96-1	4.63	5.06	5.00	4.90	4.79	ppb
Molybdenum	97-1	1.10	1.29	1.31	1.23	9.64	ppb
Molybdenum	98-1	0.96	1.04	1.03	1.01	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.82	4.01	3.69	3.84	4.21	ppb
Phosphorus	31-2	-23.20	-17.88	-30.77	-23.95		ppb
Potassium	39-2	250302.39	248195.73	251808.34	250102.15	0.73	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	2.06	2.49	1.58	2.04	22.38	ppb
Selenium	77-2	-0.01	-0.01	0.23	0.07	203.83	ppb
Selenium	78-2	-3.37	-0.95	1.67	-0.88		ppb
Silicon	28-1	-18.77	-13.95	-6.69	-13.14		ppb
Silver	107-1	0.04	0.06	0.05	0.05	19.54	ppb
Silver	109-1	0.04	0.05	0.05	0.05	12.18	ppb
Sodium	23-2	504621.64	498387.18	496395.31	499801.38	0.86	ppb
Strontium	86-1	70.05	75.21	78.06	74.44	5.46	ppb
Strontium	88-1	70.31	77.89	77.33	75.18	5.61	ppb
Sulfur	34-1	-60.39	344.56	504.17	262.78	110.75	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.04	0.04	8.33	ppb
Thallium	205-1	0.03	0.05	0.04	0.04	25.84	ppb
Tin	118-1	0.21	0.23	0.25	0.23	9.43	ppb
Titanium	47-1	0.45	0.52	0.72	0.56	24.95	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:19:30 DataFile Name : 014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.03	0.04	10.08	ppb
Vanadium	51-2	0.23	0.25	0.25	0.24	5.16	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	17.02	17.29	17.02	17.11	0.91	ppb
Zirconium	90-1	0.38	0.43	0.43	0.41	7.77	ppb
Zirconium	91-1	0.40	0.41	0.42	0.41	2.91	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:16:14 DataFile Name : 018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.69	495.37	497.54	495.53	0.39	ppb
Antimony	121-1	189.44	193.66	200.05	194.38	2.75	ppb
Arsenic	75-2	217.77	217.02	215.49	216.76	0.53	ppb
Barium	135-1	94.04	95.89	98.63	96.19	2.40	ppb
Barium	137-1	94.40	97.12	99.37	96.96	2.57	ppb
Beryllium	9-1	99.68	101.00	99.93	100.21	0.70	ppb
Bismuth	209-1				104		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	100.97	100.31	104.40	101.89	2.16	ppb
Cadmium	106-1	94.62	100.95	98.12	97.90	3.24	ppb
Cadmium	111-1	101.93	104.62	106.89	104.48	2.38	ppb
Calcium	43-1	1935.96	1934.18	1953.37	1941.17	0.55	ppb
Calcium	44-1	1921.46	1934.15	1978.59	1944.74	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.99	99.67	99.88	100.18	0.71	ppb
Cobalt	59-2	99.73	100.02	99.45	99.73	0.29	ppb
Copper	63-2	92.77	92.88	92.12	92.59	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				110		%
Iron	56-2	2252.43	2248.99	2227.98	2243.13	0.59	ppb
Iron	57-2	2088.26	2123.89	2142.48	2118.21	1.30	ppb
Iron	54-2	2144.21	2158.92	2167.68	2156.94	0.55	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:16:14 DataFile Name : 018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	191.36	187.09	192.49	190.31	1.49	ppb
Lead	207-1	179.19	177.19	184.09	180.15	1.97	ppb
Lead	208-1	199.17	195.21	186.82	193.73	3.25	ppb
Lithium	6-1				107		%
Magnesium	24-2	1141.11	1144.43	1149.71	1145.08	0.38	ppb
Manganese	55-2	96.39	96.81	97.47	96.89	0.56	ppb
Molybdenum	94-1	0.09	0.08	0.07	0.08	11.23	ppb
Molybdenum	95-1	0.06	0.06	0.06	0.06	2.22	ppb
Molybdenum	96-1	0.12	0.11	0.09	0.11	15.05	ppb
Molybdenum	97-1	0.06	0.06	0.07	0.07	9.39	ppb
Molybdenum	98-1	0.07	0.06	0.05	0.06	15.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.63	110.48	110.37	110.16	0.42	ppb
Phosphorus	31-2	-16.92	-17.08	-28.64	-20.88		ppb
Potassium	39-2	1915.99	1926.53	1928.54	1923.69	0.35	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	198.76	192.34	199.35	196.81	1.98	ppb
Selenium	77-2	223.77	234.36	216.89	225.01	3.91	ppb
Selenium	78-2	223.77	221.99	223.22	222.99	0.41	ppb
Silicon	28-1	-10.01	-14.50	-8.46	-10.99		ppb
Silver	107-1	48.53	49.45	51.37	49.78	2.91	ppb
Silver	109-1	48.64	48.86	51.18	49.56	2.84	ppb
Sodium	23-2	1813.54	1825.30	1808.32	1815.72	0.48	ppb
Strontium	86-1	4.50	5.89	7.06	5.82	22.07	ppb
Strontium	88-1	5.95	5.91	6.33	6.07	3.76	ppb
Sulfur	34-1	-261.08	-244.17	-63.98	-189.74		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	184.81	180.45	187.69	184.32	1.98	ppb
Thallium	205-1	211.90	208.89	211.38	210.72	0.76	ppb
Tin	118-1	0.07	0.05	0.06	0.06	16.21	ppb
Titanium	47-1	0.03	0.03	0.06	0.04	38.34	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:16:14 DataFile Name : 018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	12.19	ppb
Vanadium	51-2	97.29	97.14	98.34	97.59	0.67	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	181.97	179.21	180.95	180.71	0.77	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	18.02	ppb
Zirconium	91-1	0.04	0.06	0.04	0.05	28.61	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:19:39 DataFile Name : 019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.42	18.98	19.41	18.93	2.62	ppb
Antimony	121-1	2.11	2.17	2.15	2.14	1.45	ppb
Arsenic	75-2	1.09	1.30	1.02	1.14	13.13	ppb
Barium	135-1	9.74	9.94	9.75	9.81	1.17	ppb
Barium	137-1	9.84	9.98	9.93	9.92	0.72	ppb
Beryllium	9-1	1.11	1.22	1.12	1.15	5.56	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.11	1.12	1.07	1.10	2.43	ppb
Cadmium	106-1	1.42	0.04	1.46	0.97	82.84	ppb
Cadmium	111-1	1.26	1.12	1.20	1.19	5.81	ppb
Calcium	43-1	527.96	544.28	539.31	537.19	1.56	ppb
Calcium	44-1	527.70	545.52	518.48	530.57	2.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	2.13	1.98	2.04	3.91	ppb
Cobalt	59-2	1.06	1.09	1.08	1.08	1.69	ppb
Copper	63-2	1.80	1.88	1.88	1.85	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	56.66	57.89	56.17	56.91	1.56	ppb
Iron	57-2	52.89	61.40	59.30	57.86	7.66	ppb
Iron	54-2	60.37	59.46	56.95	58.93	3.01	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:19:39 DataFile Name : 019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	1.18	1.01	1.05	10.85	ppb
Lead	207-1	0.91	1.16	0.96	1.01	12.98	ppb
Lead	208-1	0.96	1.18	0.98	1.04	11.52	ppb
Lithium	6-1				105		%
Magnesium	24-2	467.96	483.31	479.87	477.05	1.69	ppb
Manganese	55-2	1.03	1.01	0.88	0.97	8.64	ppb
Molybdenum	94-1	5.54	6.01	5.73	5.76	4.06	ppb
Molybdenum	95-1	4.95	5.04	4.96	4.98	1.00	ppb
Molybdenum	96-1	5.00	5.11	5.04	5.05	1.08	ppb
Molybdenum	97-1	4.98	5.06	4.78	4.94	2.93	ppb
Molybdenum	98-1	4.95	5.05	4.94	4.98	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.08	1.12	1.10	1.70	ppb
Phosphorus	31-2	-3.19	11.42	-0.92	2.44	322.66	ppb
Potassium	39-2	490.45	510.71	498.91	500.02	2.04	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	4.98	5.06	5.52	5.19	5.61	ppb
Selenium	77-2	5.63	4.98	4.79	5.13	8.62	ppb
Selenium	78-2	4.01	4.97	4.63	4.54	10.75	ppb
Silicon	28-1	-2.58	0.16	-8.96	-3.79		ppb
Silver	107-1	1.02	1.08	1.08	1.06	3.16	ppb
Silver	109-1	1.04	1.09	1.00	1.05	4.28	ppb
Sodium	23-2	468.37	473.24	474.51	472.04	0.69	ppb
Strontium	86-1	24.26	25.55	27.58	25.80	6.48	ppb
Strontium	88-1	25.21	25.38	24.71	25.10	1.40	ppb
Sulfur	34-1	219.86	59.60	-43.54	78.64	168.78	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	1.00	0.96	0.96	0.97	2.54	ppb
Thallium	205-1	0.91	0.95	0.91	0.92	2.43	ppb
Tin	118-1	5.11	5.31	5.11	5.17	2.24	ppb
Titanium	47-1	5.03	5.45	4.94	5.14	5.23	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:19:39 DataFile Name : 019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.96	0.90	0.92	3.23	ppb
Vanadium	51-2	5.13	5.39	5.21	5.24	2.58	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	4.60	5.13	4.74	4.82	5.71	ppb
Zirconium	90-1	0.98	0.95	0.96	0.96	1.97	ppb
Zirconium	91-1	1.00	1.03	1.03	1.02	1.52	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:27:55 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.25	0.88	0.88	1.00	21.33	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	17.84	ppb
Arsenic	75-2	0.03	-0.05	-0.02	-0.01		ppb
Barium	135-1	0.04	0.08	0.06	0.06	35.85	ppb
Barium	137-1	0.05	0.07	0.04	0.05	32.45	ppb
Beryllium	9-1	0.01	0.00	-0.04	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	-0.05	-0.05	-0.03		ppb
Cadmium	106-1	-0.47	-0.41	-0.67	-0.52		ppb
Cadmium	111-1	-0.03	-0.02	-0.02	-0.03		ppb
Calcium	43-1	4.42	4.63	8.41	5.82	38.54	ppb
Calcium	44-1	5.98	5.64	4.82	5.48	10.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.01	0.01	179.78	ppb
Cobalt	59-2	0.01	0.02	0.01	0.02	39.20	ppb
Copper	63-2	-0.10	-0.04	-0.03	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	2.48	2.92	3.04	2.81	10.49	ppb
Iron	57-2	0.66	3.50	3.98	2.71	66.09	ppb
Iron	54-2	3.46	2.60	3.38	3.15	15.00	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:27:55 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.04	0.02	0.04	51.14	ppb
Lead	207-1	0.07	0.06	0.06	0.06	8.98	ppb
Lead	208-1	0.07	0.06	0.05	0.06	13.84	ppb
Lithium	6-1				105		%
Magnesium	24-2	6.31	5.88	5.56	5.92	6.42	ppb
Manganese	55-2	0.06	0.09	0.08	0.08	17.34	ppb
Molybdenum	94-1	0.05	0.08	0.08	0.07	25.84	ppb
Molybdenum	95-1	0.06	0.08	0.05	0.06	25.18	ppb
Molybdenum	96-1	0.06	0.08	0.07	0.07	15.14	ppb
Molybdenum	97-1	0.05	0.10	0.11	0.09	39.83	ppb
Molybdenum	98-1	0.06	0.09	0.08	0.08	15.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.03	-0.08	-0.07		ppb
Phosphorus	31-2	-31.40	-33.29	-36.81	-33.83		ppb
Potassium	39-2	1.41	-2.62	2.22	0.33	775.55	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	0.33	0.21	-0.06	0.16	124.51	ppb
Selenium	77-2	-0.02	-0.25	-0.25	-0.17		ppb
Selenium	78-2	1.45	-0.45	0.35	0.45	212.25	ppb
Silicon	28-1	-0.89	-11.23	-5.42	-5.85		ppb
Silver	107-1	0.01	0.01	0.00	0.01	43.56	ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.04	ppb
Sodium	23-2	4.21	3.95	4.64	4.27	8.17	ppb
Strontium	86-1	-0.45	0.33	0.61	0.17	332.32	ppb
Strontium	88-1	0.19	0.12	0.35	0.22	52.30	ppb
Sulfur	34-1	-109.68	-324.82	-97.01	-177.17		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.00	0.00	494.53	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	57.27	ppb
Tin	118-1	0.01	0.01	0.05	0.02	102.89	ppb
Titanium	47-1	0.06	0.05	0.09	0.07	33.16	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:27:55 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	7.16	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	21.77	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	-0.02	0.19	0.05	0.07	137.63	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	4.56	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	66.79	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:40:52 DataFile Name : 024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91959.78	95062.43	93311.88	93444.70	1.66	ppb
Antimony	121-1	2.55	2.65	2.60	2.60	1.99	ppb
Arsenic	75-2	0.36	0.38	0.47	0.40	14.81	ppb
Barium	135-1	12.15	12.46	12.18	12.26	1.40	ppb
Barium	137-1	12.12	12.48	12.36	12.32	1.50	ppb
Beryllium	9-1	0.30	0.25	0.30	0.28	9.78	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.96	6.94	6.77	6.89	1.53	ppb
Cadmium	106-1	-1.69	-0.46	-1.34	-1.16		ppb
Cadmium	111-1	0.14	0.22	0.13	0.16	29.35	ppb
Calcium	43-1	106270.12	106810.39	105016.55	106032.36	0.87	ppb
Calcium	44-1	104249.52	105967.61	103204.19	104473.77	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.28	19.75	19.46	19.50	1.22	ppb
Cobalt	59-2	1.20	1.21	1.25	1.22	1.90	ppb
Copper	63-2	11.92	12.14	11.88	11.98	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	108392.14	109336.14	109323.77	109017.35	0.50	ppb
Iron	57-2	107332.38	110228.17	109167.50	108909.35	1.35	ppb
Iron	54-2	108534.30	110038.07	110876.08	109816.15	1.08	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:40:52 DataFile Name : 024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.14	5.11	5.01	5.09	1.29	ppb
Lead	207-1	4.55	4.68	4.56	4.60	1.54	ppb
Lead	208-1	4.79	4.83	4.74	4.79	0.88	ppb
Lithium	6-1				105		%
Magnesium	24-2	94922.12	97729.74	96819.44	96490.43	1.48	ppb
Manganese	55-2	6.90	7.26	7.24	7.14	2.83	ppb
Molybdenum	94-1	1675.49	1640.60	1727.08	1681.06	2.59	ppb
Molybdenum	95-1	2065.63	2030.34	2101.05	2065.67	1.71	ppb
Molybdenum	96-1	2005.07	1993.96	2042.29	2013.77	1.26	ppb
Molybdenum	97-1	2044.02	2006.62	2067.64	2039.42	1.51	ppb
Molybdenum	98-1	2089.58	2021.22	2063.31	2058.04	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.24	6.67	6.79	6.57	4.45	ppb
Phosphorus	31-2	102942.46	106331.57	104337.36	104537.13	1.63	ppb
Potassium	39-2	100198.01	102719.75	101906.87	101608.21	1.27	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	5.20	4.79	4.78	4.92	4.89	ppb
Selenium	77-2	0.21	-0.01	-0.02	0.06	218.14	ppb
Selenium	78-2	-2.90	-4.55	-2.79	-3.41		ppb
Silicon	28-1	-28.40	-26.48	-27.33	-27.40		ppb
Silver	107-1	0.03	0.04	0.03	0.03	14.15	ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.09	ppb
Sodium	23-2	104175.39	106305.43	105214.02	105231.61	1.01	ppb
Strontium	86-1	852.30	840.28	857.14	849.91	1.02	ppb
Strontium	88-1	824.93	816.15	823.59	821.56	0.58	ppb
Sulfur	34-1	121900.95	125062.12	121517.21	122826.76	1.58	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.17	0.19	0.19	0.18	5.70	ppb
Thallium	205-1	0.17	0.17	0.18	0.17	3.15	ppb
Tin	118-1	0.67	0.68	0.62	0.66	4.54	ppb
Titanium	47-1	2058.08	2070.39	2030.98	2053.15	0.98	ppb

LB Number : LB135118 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired : 2025-03-20 17:40:52 DataFile Name : 024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	2.15	ppb
Vanadium	51-2	0.22	0.22	0.25	0.23	8.00	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	17.95	17.31	17.95	17.74	2.08	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	6.51	ppb
Zirconium	91-1	0.05	0.02	0.04	0.04	33.23	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:43:59 DataFile Name : 025ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93263.16	93447.07	91748.24	92819.49	1.00	ppb
Antimony	121-1	20.05	20.76	20.14	20.32	1.89	ppb
Arsenic	75-2	20.44	20.87	20.88	20.73	1.22	ppb
Barium	135-1	20.13	21.47	20.14	20.58	3.75	ppb
Barium	137-1	20.66	20.55	20.16	20.45	1.29	ppb
Beryllium	9-1	18.99	19.41	19.84	19.41	2.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	23.55	26.14	24.46	24.72	5.32	ppb
Cadmium	106-1	17.63	20.03	16.90	18.18	8.99	ppb
Cadmium	111-1	19.12	20.20	19.22	19.52	3.07	ppb
Calcium	43-1	102608.08	105463.39	106194.36	104755.28	1.81	ppb
Calcium	44-1	102520.27	105605.94	104334.67	104153.62	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.65	38.65	38.72	38.67	0.10	ppb
Cobalt	59-2	20.44	20.60	20.58	20.54	0.45	ppb
Copper	63-2	28.67	29.19	28.50	28.79	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	111661.29	112266.04	109771.84	111233.06	1.17	ppb
Iron	57-2	108121.84	111431.66	110760.22	110104.58	1.59	ppb
Iron	54-2	108375.49	110105.52	109237.44	109239.48	0.79	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:43:59 DataFile Name : 025ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.65	23.39	23.61	23.22	2.15	ppb
Lead	207-1	21.68	22.72	22.14	22.18	2.35	ppb
Lead	208-1	22.03	22.72	22.68	22.48	1.72	ppb
Lithium	6-1				101		%
Magnesium	24-2	95847.83	97932.01	96647.23	96809.02	1.09	ppb
Manganese	55-2	26.08	25.74	25.69	25.84	0.82	ppb
Molybdenum	94-1	1665.74	1699.08	1698.80	1687.87	1.14	ppb
Molybdenum	95-1	2038.74	2025.96	2064.92	2043.20	0.97	ppb
Molybdenum	96-1	2015.06	2012.22	2073.19	2033.49	1.69	ppb
Molybdenum	97-1	2078.56	2026.97	2062.55	2056.02	1.28	ppb
Molybdenum	98-1	2035.53	1998.56	2089.68	2041.25	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.18	26.73	26.22	26.38	1.17	ppb
Phosphorus	31-2	103869.77	102592.41	103381.64	103281.28	0.62	ppb
Potassium	39-2	102730.03	103103.95	101949.87	102594.62	0.57	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	24.55	22.89	23.30	23.58	3.68	ppb
Selenium	77-2	17.13	21.53	24.26	20.97	17.16	ppb
Selenium	78-2	14.84	17.99	19.92	17.58	14.56	ppb
Silicon	28-1	-9.47	12.57	2.59	1.90	581.88	ppb
Silver	107-1	18.02	19.23	18.90	18.72	3.34	ppb
Silver	109-1	18.16	18.88	18.60	18.55	1.98	ppb
Sodium	23-2	105957.75	106174.76	103915.20	105349.24	1.18	ppb
Strontium	86-1	847.51	845.94	846.07	846.51	0.10	ppb
Strontium	88-1	828.60	818.75	827.31	824.89	0.65	ppb
Sulfur	34-1	119860.98	119144.20	123391.02	120798.73	1.88	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	18.35	19.44	18.86	18.88	2.87	ppb
Thallium	205-1	18.33	18.93	18.70	18.65	1.63	ppb
Tin	118-1	0.72	0.71	0.66	0.70	4.38	ppb
Titanium	47-1	2046.90	2051.92	2050.59	2049.80	0.13	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:43:59 DataFile Name : 025ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.04	0.03	0.03	19.41	ppb
Vanadium	51-2	19.69	19.76	19.34	19.60	1.16	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	27.72	28.63	28.49	28.28	1.74	ppb
Zirconium	90-1	0.09	0.09	0.08	0.09	4.35	ppb
Zirconium	91-1	0.10	0.11	0.13	0.11	12.56	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:49:55 DataFile Name : 027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49139.41	49666.73	49740.39	49515.51	0.66	ppb
Antimony	121-1	510.80	507.08	523.45	513.78	1.67	ppb
Arsenic	75-2	499.87	489.20	502.97	497.35	1.45	ppb
Barium	135-1	2651.92	2597.43	2655.20	2634.85	1.23	ppb
Barium	137-1	2567.38	2565.85	2622.34	2585.19	1.24	ppb
Beryllium	9-1	516.58	515.11	517.96	516.55	0.28	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	492.84	489.26	505.52	495.87	1.72	ppb
Cadmium	106-1	504.19	494.05	501.04	499.76	1.04	ppb
Cadmium	111-1	500.83	495.08	501.20	499.04	0.69	ppb
Calcium	43-1	257363.65	257236.72	262152.44	258917.60	1.08	ppb
Calcium	44-1	257652.32	255874.79	259829.45	257785.52	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.68	509.74	523.78	517.40	1.37	ppb
Cobalt	59-2	515.11	508.35	513.46	512.31	0.69	ppb
Copper	63-2	5102.39	4910.25	5029.88	5014.17	1.94	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				110		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	132284.13	131565.37	133826.36	132558.62	0.87	ppb
Iron	57-2	131852.60	132119.97	133949.65	132640.74	0.86	ppb
Iron	54-2	131127.31	131412.77	129995.17	130845.09	0.57	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:49:55 DataFile Name : 027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2583.69	2587.16	2610.72	2593.86	0.57	ppb
Lead	207-1	2588.32	2606.87	2655.18	2616.79	1.32	ppb
Lead	208-1	2587.07	2599.73	2619.29	2602.03	0.62	ppb
Lithium	6-1				104		%
Magnesium	24-2	254375.42	251359.98	255080.98	253605.46	0.78	ppb
Manganese	55-2	5097.09	5041.86	5140.58	5093.18	0.97	ppb
Molybdenum	94-1	5238.95	5249.15	5269.77	5252.63	0.30	ppb
Molybdenum	95-1	5194.26	5177.28	5145.66	5172.40	0.48	ppb
Molybdenum	96-1	5219.10	5180.78	5199.47	5199.78	0.37	ppb
Molybdenum	97-1	5141.28	5155.72	5226.82	5174.61	0.88	ppb
Molybdenum	98-1	5071.31	5117.73	5104.16	5097.73	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.93	490.34	496.54	494.94	0.82	ppb
Phosphorus	31-2	10346.82	10119.62	10346.17	10270.87	1.28	ppb
Potassium	39-2	127447.60	125568.77	126673.82	126563.40	0.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				111		%
Selenium	82-1	490.72	493.80	488.34	490.95	0.56	ppb
Selenium	77-2	476.52	472.99	482.70	477.40	1.03	ppb
Selenium	78-2	494.48	473.81	483.51	483.94	2.14	ppb
Silicon	28-1	424.07	419.18	430.71	424.65	1.36	ppb
Silver	107-1	486.01	480.52	501.70	489.41	2.25	ppb
Silver	109-1	498.07	490.92	497.94	495.64	0.83	ppb
Sodium	23-2	249991.69	249303.41	250107.57	249800.89	0.17	ppb
Strontium	86-1	11977.03	12140.06	12108.45	12075.18	0.72	ppb
Strontium	88-1	13001.01	13041.03	12883.48	12975.17	0.63	ppb
Sulfur	34-1	10041.99	9647.06	10024.73	9904.59	2.25	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	526.04	531.24	528.06	528.45	0.50	ppb
Thallium	205-1	522.45	512.15	514.33	516.31	1.05	ppb
Tin	118-1	520.28	518.88	530.31	523.15	1.19	ppb
Titanium	47-1	5085.89	5011.10	5122.93	5073.31	1.12	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:49:55 DataFile Name : 027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	538.80	525.06	537.98	533.95	1.44	ppb
Vanadium	51-2	477.59	477.91	477.52	477.67	0.04	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	4931.55	4790.07	4860.27	4860.63	1.46	ppb
Zirconium	90-1	515.53	524.00	524.12	521.22	0.95	ppb
Zirconium	91-1	480.10	484.95	481.50	482.18	0.52	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:56:04 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.68	4.12	4.71	4.50	7.40	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	11.41	ppb
Arsenic	75-2	0.03	-0.03	-0.05	-0.02		ppb
Barium	135-1	0.14	0.09	0.07	0.10	38.12	ppb
Barium	137-1	0.12	0.09	0.10	0.10	17.19	ppb
Beryllium	9-1	0.04	0.07	0.04	0.05	38.05	ppb
Bismuth	209-1				110		%
Bismuth	209-2				113		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.07	-0.02	0.02	205.53	ppb
Cadmium	106-1	-0.82	-0.68	-0.81	-0.77		ppb
Cadmium	111-1	-0.05	-0.02	-0.04	-0.04		ppb
Calcium	43-1	11.34	11.17	15.17	12.56	18.03	ppb
Calcium	44-1	15.48	11.52	11.66	12.89	17.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.03	0.05	0.04	34.02	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	25.87	ppb
Copper	63-2	0.71	0.72	0.68	0.70	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				113		%
Indium	115-1				112		%
Indium	115-2				110		%
Iron	56-2	8.74	8.30	8.13	8.39	3.72	ppb
Iron	57-2	4.70	5.50	3.38	4.53	23.63	ppb
Iron	54-2	9.15	6.82	7.00	7.66	17.00	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:56:04 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.11	0.09	0.09	14.52	ppb
Lead	207-1	0.16	0.12	0.12	0.13	18.51	ppb
Lead	208-1	0.12	0.11	0.11	0.11	4.86	ppb
Lithium	6-1				108		%
Magnesium	24-2	14.19	14.82	13.45	14.16	4.85	ppb
Manganese	55-2	0.20	0.22	0.24	0.22	10.07	ppb
Molybdenum	94-1	0.30	0.23	0.24	0.26	14.26	ppb
Molybdenum	95-1	0.30	0.27	0.24	0.27	10.54	ppb
Molybdenum	96-1	0.27	0.24	0.23	0.24	8.22	ppb
Molybdenum	97-1	0.35	0.24	0.25	0.28	22.69	ppb
Molybdenum	98-1	0.30	0.26	0.25	0.27	11.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.00	-0.01	-0.02		ppb
Phosphorus	31-2	-28.87	-30.19	-29.99	-29.68		ppb
Potassium	39-2	7.31	5.80	5.26	6.12	17.41	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	82-1	0.12	0.39	0.13	0.21	71.46	ppb
Selenium	77-2	-0.25	-0.03	-0.02	-0.10		ppb
Selenium	78-2	0.34	-2.54	-1.49	-1.23		ppb
Silicon	28-1	-22.61	-28.56	-21.71	-24.29		ppb
Silver	107-1	0.03	0.03	0.02	0.03	24.50	ppb
Silver	109-1	0.03	0.03	0.02	0.03	18.10	ppb
Sodium	23-2	24.68	24.86	23.91	24.49	2.07	ppb
Strontium	86-1	0.43	0.08	-0.49	0.00	15613.80	ppb
Strontium	88-1	0.57	0.53	0.59	0.56	5.87	ppb
Sulfur	34-1	-829.34	-853.74	-676.09	-786.39		ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	0.13	0.11	0.10	0.11	13.16	ppb
Thallium	205-1	0.11	0.09	0.09	0.10	9.99	ppb
Tin	118-1	0.04	0.05	0.04	0.04	6.40	ppb
Titanium	47-1	0.26	0.26	0.18	0.23	19.02	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:56:04 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.02	0.02	0.03	39.18	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	13.16	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	0.29	0.13	0.11	0.18	54.58	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	16.07	ppb
Zirconium	91-1	0.05	0.03	0.02	0.03	51.53	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:59:22 DataFile Name : 030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.90	24.51	22.68	23.03	5.82	ppb
Antimony	121-1	1.93	2.11	2.05	2.03	4.47	ppb
Arsenic	75-2	1.24	1.14	1.30	1.23	6.78	ppb
Barium	135-1	9.38	9.80	9.83	9.67	2.60	ppb
Barium	137-1	9.42	10.03	10.01	9.82	3.56	ppb
Beryllium	9-1	1.09	1.03	1.10	1.08	3.58	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.46	1.01	1.11	1.19	19.80	ppb
Cadmium	106-1	1.13	1.89	0.67	1.23	50.13	ppb
Cadmium	111-1	1.07	1.24	1.05	1.12	9.42	ppb
Calcium	43-1	523.69	530.16	520.01	524.62	0.98	ppb
Calcium	44-1	528.19	522.36	537.85	529.47	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	2.09	2.05	2.07	0.98	ppb
Cobalt	59-2	1.11	1.08	1.05	1.08	2.56	ppb
Copper	63-2	2.46	2.57	2.56	2.53	2.47	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				112		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	56-2	60.54	63.41	63.04	62.33	2.50	ppb
Iron	57-2	60.48	65.03	67.51	64.34	5.54	ppb
Iron	54-2	61.14	67.26	64.97	64.46	4.79	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:59:22 DataFile Name : 030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.97	0.99	0.98	0.98	1.08	ppb
Lead	207-1	0.98	0.96	1.03	0.99	3.21	ppb
Lead	208-1	0.99	1.00	0.99	0.99	0.42	ppb
Lithium	6-1				109		%
Magnesium	24-2	488.60	496.25	494.62	493.16	0.82	ppb
Manganese	55-2	1.16	1.20	1.20	1.19	1.84	ppb
Molybdenum	94-1	5.61	5.96	5.98	5.85	3.59	ppb
Molybdenum	95-1	4.92	5.08	5.03	5.01	1.61	ppb
Molybdenum	96-1	4.98	5.14	5.09	5.07	1.63	ppb
Molybdenum	97-1	5.04	4.91	5.05	5.00	1.59	ppb
Molybdenum	98-1	4.90	4.99	5.14	5.01	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.20	1.19	1.17	3.77	ppb
Phosphorus	31-2	-3.61	7.38	7.26	3.67	171.77	ppb
Potassium	39-2	504.26	512.73	513.46	510.15	1.00	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	5.35	4.62	5.48	5.15	9.06	ppb
Selenium	77-2	8.00	5.57	4.86	6.14	26.79	ppb
Selenium	78-2	5.23	2.07	2.26	3.18	55.63	ppb
Silicon	28-1	-27.94	-26.04	-20.36	-24.78		ppb
Silver	107-1	1.00	1.05	0.99	1.01	3.49	ppb
Silver	109-1	0.98	1.04	1.00	1.01	2.86	ppb
Sodium	23-2	496.59	496.79	503.47	498.95	0.78	ppb
Strontium	86-1	23.89	26.17	26.82	25.63	6.01	ppb
Strontium	88-1	24.38	25.81	25.68	25.29	3.13	ppb
Sulfur	34-1	-730.86	-725.69	-520.78	-659.11		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	1.02	1.00	0.96	0.99	3.19	ppb
Thallium	205-1	0.96	1.02	0.97	0.99	3.31	ppb
Tin	118-1	5.00	5.21	5.02	5.08	2.26	ppb
Titanium	47-1	5.00	4.89	4.91	4.93	1.18	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:59:22 DataFile Name : 030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.94	0.90	0.92	2.30	ppb
Vanadium	51-2	4.96	4.97	5.08	5.00	1.26	ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	5.09	4.92	5.05	5.02	1.78	ppb
Zirconium	90-1	0.95	1.01	0.96	0.97	3.72	ppb
Zirconium	91-1	0.98	1.02	0.96	0.99	3.48	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : PB167152BL Instrumnet Name : P7
Client Sample ID : PB167152BL Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:02:42 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.88	3.72	4.27	3.95	7.16	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	19.81	ppb
Arsenic	75-2	-0.02	0.01	0.00	0.00		ppb
Barium	135-1	0.07	0.11	0.07	0.08	24.84	ppb
Barium	137-1	0.08	0.07	0.09	0.08	11.57	ppb
Beryllium	9-1	0.04	0.01	0.03	0.03	42.52	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.08	-0.05	0.03	264.02	ppb
Cadmium	106-1	-0.17	-0.86	-0.80	-0.61		ppb
Cadmium	111-1	0.00	-0.03	-0.03	-0.02		ppb
Calcium	43-1	8.75	9.05	6.38	8.06	18.16	ppb
Calcium	44-1	9.62	12.87	10.41	10.97	15.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.02	-0.02	0.02	202.00	ppb
Cobalt	59-2	0.01	0.00	0.02	0.01	76.88	ppb
Copper	63-2	0.42	0.43	0.40	0.42	4.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	6.28	6.06	6.03	6.12	2.22	ppb
Iron	57-2	2.84	5.13	4.89	4.29	29.38	ppb
Iron	54-2	4.63	7.82	5.58	6.01	27.33	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : PB167152BL Instrumnet Name : P7
Client Sample ID : PB167152BL Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:02:42 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.06	0.06	0.05	10.90	ppb
Lead	207-1	0.05	0.07	0.08	0.06	25.61	ppb
Lead	208-1	0.05	0.07	0.07	0.06	20.38	ppb
Lithium	6-1				107		%
Magnesium	24-2	11.68	12.33	11.81	11.94	2.87	ppb
Manganese	55-2	0.17	0.10	0.20	0.15	32.40	ppb
Molybdenum	94-1	0.19	0.19	0.22	0.20	6.31	ppb
Molybdenum	95-1	0.15	0.19	0.17	0.17	11.79	ppb
Molybdenum	96-1	0.15	0.19	0.18	0.17	11.71	ppb
Molybdenum	97-1	0.21	0.21	0.13	0.18	24.31	ppb
Molybdenum	98-1	0.16	0.19	0.18	0.18	8.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.03	-0.05	-0.05		ppb
Phosphorus	31-2	-37.69	-30.52	-34.12	-34.11		ppb
Potassium	39-2	4.92	6.92	5.06	5.63	19.86	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	-0.12	0.55	0.70	0.38	116.01	ppb
Selenium	77-2	-0.25	-0.25	0.46	-0.01		ppb
Selenium	78-2	-2.19	-0.71	-2.10	-1.67		ppb
Silicon	28-1	-27.27	-22.50	-22.94	-24.24		ppb
Silver	107-1	0.01	0.02	0.02	0.01	21.20	ppb
Silver	109-1	0.02	0.02	0.01	0.02	18.14	ppb
Sodium	23-2	19.52	19.54	19.90	19.66	1.10	ppb
Strontium	86-1	-0.84	0.09	-1.35	-0.70		ppb
Strontium	88-1	0.41	0.26	0.43	0.37	25.35	ppb
Sulfur	34-1	-705.62	-643.32	-601.30	-650.08		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.09	0.09	0.09	4.55	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	3.94	ppb
Tin	118-1	0.04	0.03	0.01	0.03	50.71	ppb
Titanium	47-1	0.17	0.16	0.17	0.16	5.15	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : PB167152BL Instrumnet Name : P7
Client Sample ID : PB167152BL Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:02:42 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	12.11	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	16.73	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	0.19	0.41	0.15	0.25	56.39	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	15.74	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	24.21	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : PB167152BS Instrumnet Name : P7
Client Sample ID : PB167152BS Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:08:57 DataFile Name : 033LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9399.06	9506.87	9761.44	9555.79	1.95	ppb
Antimony	121-1	504.76	524.72	510.05	513.18	2.01	ppb
Arsenic	75-2	493.16	505.59	505.28	501.34	1.41	ppb
Barium	135-1	2516.30	2525.72	2494.36	2512.12	0.64	ppb
Barium	137-1	2452.04	2522.45	2524.41	2499.63	1.65	ppb
Beryllium	9-1	486.70	494.66	496.17	492.51	1.03	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	501.99	511.40	510.10	507.83	1.00	ppb
Cadmium	106-1	494.65	502.38	507.12	501.39	1.26	ppb
Cadmium	111-1	502.98	512.54	502.72	506.08	1.11	ppb
Calcium	43-1	48380.03	47926.15	47696.70	48000.96	0.72	ppb
Calcium	44-1	50867.90	50834.85	50142.87	50615.21	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.30	498.31	503.84	504.48	1.29	ppb
Cobalt	59-2	506.92	500.79	518.74	508.82	1.79	ppb
Copper	63-2	5079.65	5141.27	5087.10	5102.67	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	26850.17	26516.17	26843.71	26736.68	0.71	ppb
Iron	57-2	26936.39	26428.23	26841.63	26735.42	1.01	ppb
Iron	54-2	26949.08	26878.60	26588.70	26805.46	0.71	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : PB167152BS Instrumnet Name : P7
Client Sample ID : PB167152BS Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:08:57 DataFile Name : 033LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2435.03	2521.08	2527.64	2494.58	2.07	ppb
Lead	207-1	2459.56	2490.41	2565.00	2504.99	2.16	ppb
Lead	208-1	2452.08	2487.15	2544.97	2494.73	1.88	ppb
Lithium	6-1				107		%
Magnesium	24-2	49840.33	49604.70	50509.09	49984.71	0.94	ppb
Manganese	55-2	4987.57	5112.78	5070.59	5056.98	1.26	ppb
Molybdenum	94-1	4938.40	4951.15	5069.61	4986.39	1.45	ppb
Molybdenum	95-1	4974.95	5016.04	5007.65	4999.55	0.43	ppb
Molybdenum	96-1	4958.19	4967.20	5024.31	4983.24	0.72	ppb
Molybdenum	97-1	4990.90	4997.62	4998.19	4995.57	0.08	ppb
Molybdenum	98-1	4985.63	4901.12	4963.24	4950.00	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.21	500.84	502.13	503.39	0.67	ppb
Phosphorus	31-2	10016.73	9943.99	10116.12	10025.61	0.86	ppb
Potassium	39-2	25610.96	24628.09	25186.61	25141.89	1.96	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	82-1	504.36	505.69	509.26	506.44	0.50	ppb
Selenium	77-2	483.99	502.81	521.73	502.84	3.75	ppb
Selenium	78-2	489.83	498.79	506.97	498.53	1.72	ppb
Silicon	28-1	526.13	546.67	533.33	535.38	1.95	ppb
Silver	107-1	512.93	502.21	510.35	508.50	1.10	ppb
Silver	109-1	514.24	513.38	519.92	515.85	0.69	ppb
Sodium	23-2	50155.93	50687.44	50201.14	50348.17	0.59	ppb
Strontium	86-1	11642.71	11677.75	11649.42	11656.63	0.16	ppb
Strontium	88-1	12478.89	12446.22	12489.80	12471.64	0.18	ppb
Sulfur	34-1	9092.69	8986.77	8744.16	8941.20	2.00	ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	475.73	503.93	502.37	494.01	3.21	ppb
Thallium	205-1	479.60	498.68	502.53	493.60	2.49	ppb
Tin	118-1	503.52	517.69	504.09	508.43	1.58	ppb
Titanium	47-1	4883.54	4952.89	4914.61	4917.01	0.71	ppb

LB Number : LB135118 Operator : Jaswal
 Lab Sample ID : PB167152BS Instrumnet Name : P7
 Client Sample ID : PB167152BS Dilution Factor : 1
 Date & Time Acquired : 2025-03-20 18:08:57 DataFile Name : 033LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	477.88	486.89	496.23	487.00	1.88	ppb
Vanadium	51-2	468.76	466.39	466.59	467.25	0.28	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	5108.90	5136.31	5005.20	5083.47	1.36	ppb
Zirconium	90-1	500.11	499.58	511.05	503.58	1.29	ppb
Zirconium	91-1	462.87	460.41	461.94	461.74	0.27	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-01DLX5 Instrumnet Name : P7
Client Sample ID : 437DL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:12:43 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	669.32	654.25	661.65	661.74	1.14	ppb
Antimony	121-1	0.24	0.27	0.26	0.26	6.15	ppb
Arsenic	75-2	0.38	0.42	0.35	0.38	9.31	ppb
Barium	135-1	42.07	43.52	42.49	42.69	1.74	ppb
Barium	137-1	42.26	43.60	42.25	42.71	1.81	ppb
Beryllium	9-1	0.04	0.09	0.08	0.07	34.04	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.24	0.21	0.11	0.18	36.52	ppb
Cadmium	106-1	-0.21	-0.98	-0.71	-0.64		ppb
Cadmium	111-1	0.06	0.00	0.05	0.04	85.36	ppb
Calcium	43-1	16483.80	16670.02	16633.33	16595.71	0.59	ppb
Calcium	44-1	17140.72	17359.35	17623.15	17374.41	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.16	4.43	4.17	4.26	3.61	ppb
Cobalt	59-2	0.91	0.91	0.93	0.91	1.20	ppb
Copper	63-2	8.40	8.68	8.61	8.56	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	52594.59	52586.56	51370.06	52183.74	1.35	ppb
Iron	57-2	52574.66	51771.52	51005.25	51783.81	1.52	ppb
Iron	54-2	52466.39	53193.66	52250.93	52636.99	0.94	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-01DLX5 Instrumnet Name : P7
Client Sample ID : 437DL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:12:43 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.35	1.33	1.22	1.30	5.46	ppb
Lead	207-1	1.27	1.29	1.30	1.29	0.95	ppb
Lead	208-1	1.29	1.29	1.28	1.29	0.60	ppb
Lithium	6-1				105		%
Magnesium	24-2	814.95	791.01	808.43	804.80	1.54	ppb
Manganese	55-2	228.21	227.37	229.17	228.25	0.39	ppb
Molybdenum	94-1	3.10	3.22	2.99	3.10	3.77	ppb
Molybdenum	95-1	2.31	2.41	2.41	2.38	2.53	ppb
Molybdenum	96-1	3.27	3.29	3.22	3.26	1.17	ppb
Molybdenum	97-1	2.33	2.41	2.44	2.39	2.32	ppb
Molybdenum	98-1	2.37	2.33	2.37	2.35	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.16	3.07	2.95	3.06	3.48	ppb
Phosphorus	31-2	-17.32	-4.06	-14.30	-11.89		ppb
Potassium	39-2	2943.03	2938.48	2940.75	2940.75	0.08	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	22.18	21.86	22.03	22.02	0.74	ppb
Selenium	77-2	0.43	-0.25	-0.02	0.05	652.21	ppb
Selenium	78-2	-4.64	-2.10	-2.49	-3.08		ppb
Silicon	28-1	428.86	435.82	446.37	437.02	2.02	ppb
Silver	107-1	0.06	0.07	0.07	0.06	9.59	ppb
Silver	109-1	0.06	0.06	0.06	0.06	3.48	ppb
Sodium	23-2	805061.18	797377.95	794093.00	798844.04	0.70	ppb
Strontium	86-1	3963.95	4022.72	4005.88	3997.52	0.76	ppb
Strontium	88-1	4276.16	4316.46	4317.19	4303.27	0.55	ppb
Sulfur	34-1	863.25	1103.97	1285.34	1084.19	19.53	ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.14	0.14	0.17	0.15	11.20	ppb
Thallium	205-1	0.13	0.12	0.14	0.13	6.99	ppb
Tin	118-1	2.47	2.44	2.09	2.33	8.99	ppb
Titanium	47-1	33.63	35.20	34.99	34.61	2.47	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-01DLX5 Instrumnet Name : P7
Client Sample ID : 437DL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:12:43 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	1.70	ppb
Vanadium	51-2	1.86	1.81	1.90	1.85	2.43	ppb
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	211.30	210.88	210.85	211.01	0.12	ppb
Zirconium	90-1	0.61	0.59	0.64	0.61	4.24	ppb
Zirconium	91-1	0.58	0.61	0.65	0.61	5.95	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-02DLX5 Instrumnet Name : P7
Client Sample ID : FERNOT-WATERDL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:15:59 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82.34	84.53	79.65	82.18	2.97	ppb
Antimony	121-1	0.25	0.30	0.24	0.26	11.03	ppb
Arsenic	75-2	0.13	0.06	-0.02	0.06	136.92	ppb
Barium	135-1	11.45	12.06	11.93	11.81	2.72	ppb
Barium	137-1	11.78	12.11	12.34	12.08	2.33	ppb
Beryllium	9-1	0.05	0.02	0.03	0.03	37.52	ppb
Bismuth	209-1				111		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.16	0.27	0.19	41.03	ppb
Cadmium	106-1	0.13	-0.02	-0.02	0.03	311.70	ppb
Cadmium	111-1	0.17	0.16	0.17	0.17	4.75	ppb
Calcium	43-1	3827.94	4034.30	4067.62	3976.62	3.27	ppb
Calcium	44-1	3964.74	4171.58	4311.21	4149.18	4.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.20	0.18	0.20	8.21	ppb
Cobalt	59-2	0.34	0.33	0.32	0.33	3.52	ppb
Copper	63-2	4.02	4.22	4.00	4.08	3.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				115		%
Indium	115-1				115		%
Indium	115-2				112		%
Iron	56-2	762.96	766.82	763.61	764.46	0.27	ppb
Iron	57-2	729.57	733.40	734.26	732.41	0.34	ppb
Iron	54-2	704.35	724.75	705.01	711.37	1.63	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-02DLX5 Instrumnet Name : P7
Client Sample ID : FERNOT-WATERDL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:15:59 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.17	1.19	1.28	1.21	4.62	ppb
Lead	207-1	1.22	1.19	1.31	1.24	4.96	ppb
Lead	208-1	1.18	1.23	1.27	1.23	3.69	ppb
Lithium	6-1				113		%
Magnesium	24-2	169.91	166.54	169.08	168.51	1.04	ppb
Manganese	55-2	66.59	67.49	66.69	66.92	0.74	ppb
Molybdenum	94-1	0.23	0.26	0.38	0.29	27.02	ppb
Molybdenum	95-1	0.23	0.25	0.38	0.29	28.12	ppb
Molybdenum	96-1	0.24	0.26	0.35	0.28	20.57	ppb
Molybdenum	97-1	0.28	0.26	0.40	0.32	22.75	ppb
Molybdenum	98-1	0.26	0.27	0.32	0.29	10.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.18	1.21	1.19	1.58	ppb
Phosphorus	31-2	-24.39	-24.00	-29.99	-26.13		ppb
Potassium	39-2	1349.16	1369.93	1365.14	1361.41	0.80	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	82-1	3.16	3.38	3.54	3.36	5.67	ppb
Selenium	77-2	-0.25	-0.25	-0.03	-0.18		ppb
Selenium	78-2	-2.87	-0.31	-2.85	-2.01		ppb
Silicon	28-1	47.43	53.01	58.48	52.97	10.43	ppb
Silver	107-1	0.02	0.03	0.02	0.02	16.63	ppb
Silver	109-1	0.02	0.03	0.03	0.02	1.64	ppb
Sodium	23-2	145953.87	149400.95	150875.85	148743.56	1.70	ppb
Strontium	86-1	601.84	631.08	657.30	630.07	4.40	ppb
Strontium	88-1	576.92	622.79	630.22	609.98	4.73	ppb
Sulfur	34-1	28.94	127.99	216.49	124.47	75.38	ppb
Terbium	159-1				116		%
Terbium	159-2				113		%
Thallium	203-1	0.07	0.10	0.10	0.09	20.87	ppb
Thallium	205-1	0.07	0.09	0.08	0.08	12.16	ppb
Tin	118-1	0.27	0.29	0.27	0.28	3.49	ppb
Titanium	47-1	0.55	0.47	0.54	0.52	8.63	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-02DLX5 Instrumnet Name : P7
Client Sample ID : FERNOT-WATERDL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:15:59 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.03	0.03	19.36	ppb
Vanadium	51-2	0.14	0.10	0.13	0.12	19.44	ppb
Yttrium	89-1				113		%
Yttrium	89-2				114		%
Zinc	66-2	108.78	109.04	108.01	108.61	0.49	ppb
Zirconium	90-1	0.02	0.03	0.05	0.03	37.94	ppb
Zirconium	91-1	0.03	0.03	0.05	0.04	37.11	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1577-03DLX5 Instrumnet Name : P7
Client Sample ID : MOO-25-0072DL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:22:38 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	210.13	213.40	215.07	212.86	1.18	ppb
Antimony	121-1	34.68	35.32	35.22	35.07	0.98	ppb
Arsenic	75-2	59.55	62.14	61.39	61.03	2.19	ppb
Barium	135-1	56.39	56.89	56.32	56.53	0.56	ppb
Barium	137-1	55.03	55.55	56.46	55.68	1.30	ppb
Beryllium	9-1	0.06	0.08	0.00	0.05	83.74	ppb
Bismuth	209-1				49		%
Bismuth	209-2				49		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	295.26	296.92	304.64	298.94	1.67	ppb
Cadmium	106-1	-0.91	-1.44	-0.17	-0.84		ppb
Cadmium	111-1	9.24	9.71	9.59	9.51	2.58	ppb
Calcium	43-1	1177.61	1136.01	1137.18	1150.27	2.06	ppb
Calcium	44-1	1734.82	1800.15	1824.87	1786.61	2.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.02	6.08	6.28	6.12	2.19	ppb
Cobalt	59-2	0.03	0.03	0.04	0.03	26.30	ppb
Copper	63-2	63.53	63.19	64.11	63.61	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				59		%
Holmium	165-2				59		%
Indium	115-1				57		%
Indium	115-2				57		%
Iron	56-2	184.19	185.57	186.54	185.43	0.64	ppb
Iron	57-2	194.03	192.29	205.32	197.21	3.59	ppb
Iron	54-2	193.61	202.19	194.84	196.88	2.36	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1577-03DLX5 Instrumnet Name : P7
Client Sample ID : MOO-25-0072DL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:22:38 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.45	4.31	4.57	4.45	2.93	ppb
Lead	207-1	4.32	4.16	4.36	4.28	2.47	ppb
Lead	208-1	4.31	4.32	4.44	4.36	1.63	ppb
Lithium	6-1				64		%
Magnesium	24-2	523.41	530.99	533.83	529.41	1.02	ppb
Manganese	55-2	42.67	42.80	42.47	42.65	0.38	ppb
Molybdenum	94-1	73064.82	73835.50	74354.58	73751.63	0.88	ppb
Molybdenum	95-1	90450.50	90919.73	91113.85	90828.03	0.38	ppb
Molybdenum	96-1	89373.77	90935.14	89266.75	89858.56	1.04	ppb
Molybdenum	97-1	90111.86	92015.11	90736.17	90954.38	1.07	ppb
Molybdenum	98-1	90752.55	91349.38	90121.02	90740.98	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.49	1.55	1.39	1.48	5.60	ppb
Phosphorus	31-2	4783.42	4864.24	4884.45	4844.04	1.10	ppb
Potassium	39-2	1344142.91	1347187.04	1355470.55	1348933.50	0.43	ppb
Rhodium	103-1				55		%
Rhodium	103-2				50		%
Scandium	45-1				52		%
Scandium	45-2				60		%
Selenium	82-1	145.69	180.47	190.83	172.33	13.72	ppb
Selenium	77-2	228.93	240.09	232.61	233.88	2.43	ppb
Selenium	78-2	247.11	245.96	243.52	245.53	0.75	ppb
Silicon	28-1	6145.74	6611.82	7076.22	6611.26	7.04	ppb
Silver	107-1	0.12	0.14	0.12	0.13	7.97	ppb
Silver	109-1	0.16	0.16	0.17	0.16	1.07	ppb
Sodium	23-2	965126.22	1003084.05	971619.53	979943.27	2.07	ppb
Strontium	86-1	330.60	332.90	338.42	333.97	1.20	ppb
Strontium	88-1	310.31	320.76	317.69	316.26	1.70	ppb
Sulfur	34-1	10475.21	10783.00	10718.66	10658.96	1.52	ppb
Terbium	159-1				58		%
Terbium	159-2				58		%
Thallium	203-1	0.62	0.56	0.56	0.58	5.35	ppb
Thallium	205-1	0.58	0.57	0.53	0.56	4.85	ppb
Tin	118-1	3.79	3.76	3.86	3.81	1.31	ppb
Titanium	47-1	8.84	9.43	8.78	9.02	3.96	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1577-03DLX5 Instrumnet Name : P7
Client Sample ID : MOO-25-0072DL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:22:38 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.03	0.04	0.04	16.11	ppb
Vanadium	51-2	1.22	1.20	1.31	1.24	4.63	ppb
Yttrium	89-1				58		%
Yttrium	89-2				53		%
Zinc	66-2	343.52	343.71	347.54	344.93	0.66	ppb
Zirconium	90-1	0.94	0.94	0.96	0.95	1.11	ppb
Zirconium	91-1	0.92	0.88	1.00	0.93	6.80	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1577-03DL2X50 Instrumnet Name : P7
Client Sample ID : MOO-25-0072DL2 Dilution Factor : 50
Date & Time Acquired : 2025-03-20 18:29:58 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.19	11.97	12.01	11.72	3.98	ppb
Antimony	121-1	2.00	1.99	2.02	2.00	0.81	ppb
Arsenic	75-2	2.49	2.43	2.31	2.41	3.89	ppb
Barium	135-1	3.23	3.28	3.35	3.28	1.79	ppb
Barium	137-1	3.30	3.32	3.42	3.34	1.93	ppb
Beryllium	9-1	-0.01	0.04	0.00	0.01	248.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	16.62	17.64	16.51	16.92	3.68	ppb
Cadmium	106-1	-2.01	-1.46	-2.73	-2.07		ppb
Cadmium	111-1	0.37	0.44	0.37	0.39	11.04	ppb
Calcium	43-1	62.60	53.73	63.26	59.87	8.89	ppb
Calcium	44-1	98.74	103.81	103.53	102.02	2.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.47	0.43	0.44	0.45	4.70	ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.03		ppb
Copper	63-2	4.25	3.88	4.15	4.09	4.62	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				99		%
Iron	56-2	10.94	11.25	11.03	11.07	1.40	ppb
Iron	57-2	12.14	11.47	6.16	9.92	33.03	ppb
Iron	54-2	13.18	11.42	12.68	12.42	7.29	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1577-03DL2X50 Instrumnet Name : P7
Client Sample ID : MOO-25-0072DL2 Dilution Factor : 50
Date & Time Acquired : 2025-03-20 18:29:58 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.19	0.18	0.25	0.21	17.96	ppb
Lead	207-1	0.21	0.23	0.24	0.22	5.72	ppb
Lead	208-1	0.21	0.21	0.24	0.22	7.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	32.06	32.28	31.60	31.98	1.08	ppb
Manganese	55-2	2.00	2.04	1.92	1.99	3.17	ppb
Molybdenum	94-1	4369.69	4382.74	4416.29	4389.57	0.55	ppb
Molybdenum	95-1	5252.13	5355.50	5467.94	5358.52	2.01	ppb
Molybdenum	96-1	5149.05	5335.45	5356.97	5280.49	2.17	ppb
Molybdenum	97-1	5307.19	5436.82	5388.26	5377.43	1.22	ppb
Molybdenum	98-1	5311.98	5380.39	5448.85	5380.41	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.27	0.14	0.22	31.81	ppb
Phosphorus	31-2	255.22	225.22	206.81	229.08	10.67	ppb
Potassium	39-2	81031.74	81143.97	80996.01	81057.24	0.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	11.70	12.08	13.43	12.40	7.33	ppb
Selenium	77-2	15.61	14.99	16.43	15.68	4.60	ppb
Selenium	78-2	14.79	12.81	16.97	14.86	14.00	ppb
Silicon	28-1	316.17	332.28	325.92	324.79	2.50	ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.56	ppb
Silver	109-1	0.02	0.01	0.02	0.01	31.18	ppb
Sodium	23-2	59681.83	59101.09	60179.09	59654.00	0.90	ppb
Strontium	86-1	20.65	20.97	19.26	20.29	4.47	ppb
Strontium	88-1	18.63	19.02	19.67	19.11	2.76	ppb
Sulfur	34-1	-1105.39	-1043.40	-1126.70	-1091.83		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.08	0.07	0.07	9.77	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	5.87	ppb
Tin	118-1	0.12	0.09	0.13	0.11	17.12	ppb
Titanium	47-1	0.51	0.45	0.45	0.47	7.70	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1577-03DL2X50 Instrumnet Name : P7
Client Sample ID : MOO-25-0072DL2 Dilution Factor : 50
Date & Time Acquired : 2025-03-20 18:29:58 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	20.29	ppb
Vanadium	51-2	0.09	0.08	0.10	0.09	12.04	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	21.26	22.26	22.01	21.85	2.38	ppb
Zirconium	90-1	0.05	0.06	0.06	0.06	4.50	ppb
Zirconium	91-1	0.06	0.06	0.06	0.06	4.03	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-01DL2X50 Instrumnet Name : P7
Client Sample ID : 437DL2 Dilution Factor : 50
Date & Time Acquired : 2025-03-20 18:33:10 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107.72	104.69	105.88	106.10	1.44	ppb
Antimony	121-1	5.72	5.63	5.65	5.67	0.78	ppb
Arsenic	75-2	0.76	0.80	0.70	0.75	6.72	ppb
Barium	135-1	5.70	5.29	5.11	5.37	5.62	ppb
Barium	137-1	5.36	5.22	5.30	5.29	1.35	ppb
Beryllium	9-1	0.27	0.26	0.29	0.28	4.53	ppb
Bismuth	209-1				110		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.90	0.81	0.88	0.87	5.62	ppb
Cadmium	106-1	0.18	0.07	0.21	0.15	50.21	ppb
Cadmium	111-1	0.33	0.34	0.34	0.34	1.57	ppb
Calcium	43-1	1904.98	1781.74	1866.98	1851.23	3.41	ppb
Calcium	44-1	1904.56	1783.81	1826.44	1838.27	3.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.75	1.79	1.78	1.77	1.07	ppb
Cobalt	59-2	0.37	0.36	0.38	0.37	3.25	ppb
Copper	63-2	3.40	3.38	3.29	3.35	1.69	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				113		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				112		%
Iron	56-2	5433.65	5554.66	5518.96	5502.42	1.13	ppb
Iron	57-2	5153.41	5160.51	5190.61	5168.18	0.38	ppb
Iron	54-2	5127.19	5186.36	5182.28	5165.28	0.64	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-01DL2X50 Instrumnet Name : P7
Client Sample ID : 437DL2 Dilution Factor : 50
Date & Time Acquired : 2025-03-20 18:33:10 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	56.42	54.76	53.93	55.04	2.30	ppb
Lead	207-1	54.81	52.87	52.07	53.25	2.65	ppb
Lead	208-1	55.20	53.22	53.24	53.89	2.11	ppb
Lithium	6-1				112		%
Magnesium	24-2	101.90	102.65	106.58	103.71	2.42	ppb
Manganese	55-2	26.32	26.40	26.57	26.43	0.49	ppb
Molybdenum	94-1	2.90	2.82	2.53	2.75	7.11	ppb
Molybdenum	95-1	3.33	3.14	2.67	3.05	11.17	ppb
Molybdenum	96-1	3.19	3.03	2.62	2.95	9.85	ppb
Molybdenum	97-1	3.31	2.99	2.70	3.00	10.30	ppb
Molybdenum	98-1	3.27	3.09	2.63	3.00	11.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.17	45.34	44.98	45.16	0.40	ppb
Phosphorus	31-2	36.09	45.03	44.92	42.02	12.21	ppb
Potassium	39-2	436.12	450.75	451.27	446.05	1.93	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				110		%
Scandium	45-2				113		%
Selenium	82-1	7.36	7.57	7.37	7.44	1.60	ppb
Selenium	77-2	5.39	5.55	5.02	5.32	5.16	ppb
Selenium	78-2	3.56	4.57	2.71	3.62	25.73	ppb
Silicon	28-1	67.06	51.46	55.64	58.05	13.91	ppb
Silver	107-1	0.12	0.12	0.11	0.11	5.34	ppb
Silver	109-1	0.13	0.10	0.11	0.11	14.14	ppb
Sodium	23-2	82170.12	84989.50	80657.26	82605.63	2.66	ppb
Strontium	86-1	422.01	408.19	409.73	413.31	1.83	ppb
Strontium	88-1	402.38	393.33	392.71	396.14	1.37	ppb
Sulfur	34-1	-1252.28	-1509.82	-1315.67	-1359.26		ppb
Terbium	159-1				111		%
Terbium	159-2				113		%
Thallium	203-1	0.17	0.16	0.14	0.16	8.59	ppb
Thallium	205-1	0.16	0.15	0.16	0.16	4.37	ppb
Tin	118-1	1.53	1.48	1.47	1.49	2.04	ppb
Titanium	47-1	5.13	4.42	4.65	4.73	7.65	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-01DL2X50 Instrumnet Name : P7
Client Sample ID : 437DL2 Dilution Factor : 50
Date & Time Acquired : 2025-03-20 18:33:10 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.09	0.09	0.09	8.85	ppb
Vanadium	51-2	0.46	0.52	0.44	0.47	8.72	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	875.44	870.61	880.89	875.65	0.59	ppb
Zirconium	90-1	0.11	0.12	0.12	0.12	3.50	ppb
Zirconium	91-1	0.14	0.12	0.11	0.12	11.45	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:36:28 DataFile Name : 040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50341.22	49810.97	49744.81	49965.67	0.65	ppb
Antimony	121-1	488.46	510.89	519.00	506.12	3.13	ppb
Arsenic	75-2	486.13	499.40	522.78	502.77	3.69	ppb
Barium	135-1	2423.33	2538.33	2596.92	2519.52	3.51	ppb
Barium	137-1	2436.51	2520.56	2595.75	2517.61	3.16	ppb
Beryllium	9-1	479.02	513.28	514.63	502.31	4.02	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	469.30	500.80	503.46	491.19	3.87	ppb
Cadmium	106-1	468.59	492.73	509.18	490.16	4.17	ppb
Cadmium	111-1	467.61	492.53	501.88	487.34	3.63	ppb
Calcium	43-1	245880.15	256797.39	259667.28	254114.94	2.86	ppb
Calcium	44-1	240052.58	255858.16	257318.44	251076.39	3.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	519.03	506.31	517.17	514.17	1.34	ppb
Cobalt	59-2	508.74	504.24	522.12	511.70	1.82	ppb
Copper	63-2	4977.38	4988.55	5031.83	4999.25	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	130931.39	130507.40	132188.67	131209.16	0.67	ppb
Iron	57-2	131324.28	134900.04	134954.25	133726.19	1.56	ppb
Iron	54-2	130496.97	134413.39	132658.83	132523.06	1.48	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:36:28 DataFile Name : 040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2443.87	2561.78	2560.62	2522.09	2.69	ppb
Lead	207-1	2427.59	2580.36	2556.98	2521.64	3.26	ppb
Lead	208-1	2432.41	2566.25	2587.39	2528.68	3.32	ppb
Lithium	6-1				111		%
Magnesium	24-2	248561.28	256476.77	249641.03	251559.69	1.71	ppb
Manganese	55-2	5047.38	5097.93	5092.95	5079.42	0.55	ppb
Molybdenum	94-1	4846.47	5203.87	5259.00	5103.11	4.39	ppb
Molybdenum	95-1	4836.85	5079.62	5209.12	5041.86	3.75	ppb
Molybdenum	96-1	4826.83	5060.86	5233.16	5040.28	4.05	ppb
Molybdenum	97-1	4777.26	5145.46	5251.11	5057.94	4.92	ppb
Molybdenum	98-1	4767.64	5080.86	5173.20	5007.24	4.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.51	489.99	505.62	496.04	1.69	ppb
Phosphorus	31-2	10368.55	10312.79	10289.53	10323.62	0.39	ppb
Potassium	39-2	127245.78	126994.87	125259.56	126500.07	0.86	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	82-1	473.64	496.39	503.00	491.01	3.14	ppb
Selenium	77-2	483.20	496.88	523.22	501.10	4.06	ppb
Selenium	78-2	474.78	491.08	516.40	494.09	4.24	ppb
Silicon	28-1	413.69	464.96	487.42	455.36	8.30	ppb
Silver	107-1	458.96	482.61	487.28	476.28	3.19	ppb
Silver	109-1	460.96	491.13	486.27	479.45	3.38	ppb
Sodium	23-2	253289.26	250448.31	257117.20	253618.26	1.32	ppb
Strontium	86-1	11127.25	11866.84	12138.38	11710.82	4.47	ppb
Strontium	88-1	12094.25	12545.16	13167.15	12602.18	4.27	ppb
Sulfur	34-1	9236.62	9874.43	10186.69	9765.91	4.96	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	488.92	512.84	524.44	508.73	3.56	ppb
Thallium	205-1	486.93	509.50	528.86	508.43	4.13	ppb
Tin	118-1	483.16	524.73	524.97	510.95	4.71	ppb
Titanium	47-1	4714.72	4970.08	5000.05	4894.95	3.20	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:36:28 DataFile Name : 040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	489.53	510.41	521.49	507.14	3.20	ppb
Vanadium	51-2	471.91	478.19	482.19	477.43	1.08	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	4786.73	4906.67	4814.04	4835.81	1.30	ppb
Zirconium	90-1	481.36	519.27	532.31	510.98	5.18	ppb
Zirconium	91-1	445.73	474.98	484.88	468.53	4.34	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:45:21 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.79	1.00	0.26	0.68	55.72	ppb
Antimony	121-1	0.04	0.02	0.04	0.03	23.80	ppb
Arsenic	75-2	0.05	0.00	0.09	0.05	95.22	ppb
Barium	135-1	-0.01	-0.01	0.01	0.00		ppb
Barium	137-1	0.03	0.00	0.00	0.01	139.11	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	47.33	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	-0.01	0.05	0.04	121.03	ppb
Cadmium	106-1	-0.89	-1.08	-1.45	-1.14		ppb
Cadmium	111-1	-0.06	-0.07	-0.11	-0.08		ppb
Calcium	43-1	-3.54	-2.63	-0.74	-2.30		ppb
Calcium	44-1	1.45	1.85	2.05	1.78	16.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.00	0.03	0.02	76.44	ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.03		ppb
Copper	63-2	0.18	0.19	0.14	0.17	15.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	0.29	0.43	0.24	0.32	31.97	ppb
Iron	57-2	-3.29	0.29	1.78	-0.41		ppb
Iron	54-2	0.15	0.21	0.76	0.37	90.16	ppb
Krypton	83-1						cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:45:21 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	-0.03	-0.03	-0.02		ppb
Lead	207-1	-0.01	-0.02	-0.02	-0.02		ppb
Lead	208-1	-0.02	-0.03	-0.02	-0.02		ppb
Lithium	6-1				107		%
Magnesium	24-2	2.02	1.73	2.33	2.03	14.64	ppb
Manganese	55-2	0.02	0.02	0.00	0.01	61.08	ppb
Molybdenum	94-1	0.80	0.97	0.60	0.79	23.49	ppb
Molybdenum	95-1	0.94	1.18	0.65	0.92	28.82	ppb
Molybdenum	96-1	0.94	1.13	0.64	0.91	27.16	ppb
Molybdenum	97-1	0.91	1.19	0.68	0.93	27.55	ppb
Molybdenum	98-1	0.91	1.16	0.62	0.90	30.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.02	0.01	354.52	ppb
Phosphorus	31-2	-31.84	-28.65	-22.99	-27.83		ppb
Potassium	39-2	20.78	30.22	22.06	24.35	21.04	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	1.62	2.01	1.59	1.74	13.29	ppb
Selenium	77-2	1.61	1.40	1.60	1.54	7.69	ppb
Selenium	78-2	-0.40	0.79	-0.10	0.10	614.50	ppb
Silicon	28-1	-5.24	-3.42	-2.61	-3.76		ppb
Silver	107-1	0.01	0.00	0.00	0.00	126.50	ppb
Silver	109-1	0.00	0.01	0.00	0.00	92.19	ppb
Sodium	23-2	36.04	45.79	41.56	41.13	11.89	ppb
Strontium	86-1	0.58	-0.75	-0.40	-0.19		ppb
Strontium	88-1	0.15	0.12	0.08	0.12	29.34	ppb
Sulfur	34-1	-647.09	-604.65	-539.30	-597.01		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.02	0.02	0.02	9.64	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	25.08	ppb
Tin	118-1	0.02	0.00	0.03	0.02	104.80	ppb
Titanium	47-1	0.02	0.08	0.08	0.06	55.45	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:45:21 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	53.65	ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	111.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	0.04	-0.12	0.03	-0.02		ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	77.51	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	105.88	ppb

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:48:24 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	160	207	200	18.56	cps
Antimony	121-1	33	33	33	33	0.00	cps
Arsenic	75-2	10	20	27	19	44.42	cps
Barium	135-1	67	33	57	52	32.76	cps
Barium	137-1	90	93	113	99	12.77	cps
Beryllium	9-1	99	62	62	74	28.83	cps
Bismuth	209-1	2358862	2220464	2230020	2269782	3.41	cps
Bismuth	209-2	2195271	2108676	2064134	2122694	3.14	cps
Bromine	81-1	27820	28170	28204	28064	0.76	cps
Bromine	81-2	190	247	243	227	14.03	cps
Cadmium	108-1	10	3	10	8	49.52	cps
Cadmium	106-1	1370	1233	1300	1301	5.25	cps
Cadmium	111-1	1302	1181	1220	1234	5.04	cps
Calcium	43-1	483	493	370	449	15.26	cps
Calcium	44-1	10094	9370	9647	9703	3.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	450	510	603	521	14.83	cps
Cobalt	59-2	280	260	220	253	12.06	cps
Copper	63-2	3267	3340	3460	3356	2.91	cps
Dysprosium	156-1	13	0	7	7	99.98	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	20	17	13	17	20.01	cps
Erbium	164-2	23	10	10	14	53.28	cps
Gadolinium	160-1	13	23	7	14	58.06	cps
Gadolinium	160-2	133	153	147	144	7.05	cps
Holmium	165-1	3773521	3650260	3696735	3706838	1.68	cps
Holmium	165-2	3083383	3034067	2961570	3026340	2.02	cps
Indium	115-1	3360067	3201526	3276388	3279327	2.42	cps
Indium	115-2	1274841	1270615	1242623	1262693	1.39	cps
Iron	56-2	23705	23826	24417	23983	1.59	cps
Iron	57-2	1337	1463	1430	1410	4.66	cps
Iron	54-2	3054	2960	2857	2957	3.33	cps
Krypton	83-1	380	440	357	392	10.96	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:48:24 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	860	907	920	896	3.52	cps
Lead	207-1	710	680	730	707	3.56	cps
Lead	208-1	3320	3414	3490	3408	2.50	cps
Lithium	6-1	513515	486329	490793	496879	2.93	cps
Magnesium	24-2	960	857	837	884	7.48	cps
Manganese	55-2	720	760	853	778	8.80	cps
Molybdenum	94-1	133	123	137	131	5.29	cps
Molybdenum	95-1	73	53	77	68	18.63	cps
Molybdenum	96-1	163	160	183	169	7.47	cps
Molybdenum	97-1	50	50	27	42	31.90	cps
Molybdenum	98-1	130	80	110	107	23.59	cps
Neodymium	150-1	0	10	0	3	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	333	340	363	346	4.56	cps
Phosphorus	31-2	463	430	480	458	5.56	cps
Potassium	39-2	53965	54337	54005	54102	0.38	cps
Rhodium	103-1	3272388	3064638	3070849	3135958	3.77	cps
Rhodium	103-2	2026518	2047140	2028435	2034031	0.56	cps
Scandium	45-1	2001339	1961904	1935039	1966094	1.70	cps
Scandium	45-2	163394	164285	160137	162605	1.34	cps
Selenium	82-1	89	61	135	95	38.94	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	843	847	907	866	4.12	cps
Silicon	28-1	1607721	1592536	1600420	1600226	0.47	cps
Silver	107-1	37	43	60	47	25.75	cps
Silver	109-1	13	27	13	18	43.33	cps
Sodium	23-2	17176	17270	16963	17136	0.92	cps
Strontium	86-1	620	613	623	619	0.82	cps
Strontium	88-1	137	150	93	127	23.39	cps
Sulfur	34-1	128064	127600	128259	127975	0.26	cps
Terbium	159-1	3932955	3848083	3749579	3843539	2.39	cps
Terbium	159-2	3047319	3038813	3019173	3035102	0.48	cps
Thallium	203-1	320	317	327	321	1.59	cps
Thallium	205-1	817	817	680	771	10.23	cps
Tin	118-1	857	847	683	796	12.23	cps
Titanium	47-1	63	60	37	53	27.24	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:48:24 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	323	307	250	293	13.10	cps
Vanadium	51-2	27	33	23	28	18.33	cps
Yttrium	89-1	5983095	5720828	5572464	5758795	3.61	cps
Yttrium	89-2	1760421	1770628	1694994	1742014	2.36	cps
Zinc	66-2	387	273	430	363	22.27	cps
Zirconium	90-1	300	287	330	306	7.26	cps
Zirconium	91-1	50	70	50	57	20.38	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:55:04 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2827	2707	2600	2711	4.18	cps
Antimony	121-1	9970	10174	9944	10029	1.26	cps
Arsenic	75-2	460	343	307	370	21.64	cps
Barium	135-1	13266	13079	12752	13033	2.00	cps
Barium	137-1	22464	23079	22661	22735	1.38	cps
Beryllium	9-1	914	1008	944	955	5.00	cps
Bismuth	209-1	2235885	2280865	2295765	2270838	1.37	cps
Bismuth	209-2	2213620	2241239	2191796	2215552	1.12	cps
Bromine	81-1	29329	30295	29633	29752	1.66	cps
Bromine	81-2	177	220	250	216	17.10	cps
Cadmium	108-1	127	117	113	119	5.84	cps
Cadmium	106-1	1433	1533	1473	1480	3.40	cps
Cadmium	111-1	2911	3089	3003	3001	2.96	cps
Calcium	43-1	8276	8713	8299	8429	2.92	cps
Calcium	44-1	140020	142664	142374	141686	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5308	5471	5184	5321	2.70	cps
Cobalt	59-2	4464	4451	4311	4408	1.93	cps
Copper	63-2	9166	9233	8949	9116	1.63	cps
Dysprosium	156-1	3	3	3	3	0.00	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	23	20	27	23	14.29	cps
Erbium	164-2	30	17	3	17	80.01	cps
Gadolinium	160-1	30	17	10	19	53.91	cps
Gadolinium	160-2	190	130	140	153	20.96	cps
Holmium	165-1	3714521	3797521	3751236	3754426	1.11	cps
Holmium	165-2	3174256	3174790	3166822	3171956	0.14	cps
Indium	115-1	3361476	3298052	3327705	3329078	0.95	cps
Indium	115-2	1323095	1314026	1309876	1315666	0.51	cps
Iron	56-2	144705	142024	143955	143561	0.96	cps
Iron	57-2	4694	4614	4397	4569	3.36	cps
Iron	54-2	9566	9586	9253	9469	1.98	cps
Krypton	83-1	327	383	437	382	14.39	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:55:04 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4387	4784	4427	4533	4.82	cps
Lead	207-1	3887	4091	3824	3934	3.54	cps
Lead	208-1	17875	18402	17791	18023	1.84	cps
Lithium	6-1	501376	511745	512801	508641	1.24	cps
Magnesium	24-2	114860	113250	113190	113766	0.83	cps
Manganese	55-2	2754	2814	2777	2781	1.09	cps
Molybdenum	94-1	11201	11551	11565	11439	1.80	cps
Molybdenum	95-1	13623	14127	13807	13852	1.84	cps
Molybdenum	96-1	14687	15735	15845	15423	4.14	cps
Molybdenum	97-1	8529	8536	8599	8555	0.45	cps
Molybdenum	98-1	22507	22230	21766	22168	1.69	cps
Neodymium	150-1	13	17	0	10	88.20	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1353	1357	1417	1376	2.59	cps
Phosphorus	31-2	757	673	637	689	8.93	cps
Potassium	39-2	209671	208623	206810	208368	0.69	cps
Rhodium	103-1	3164100	3293968	3205471	3221180	2.06	cps
Rhodium	103-2	2119224	2099565	2102798	2107196	0.50	cps
Scandium	45-1	1980108	2001480	1984382	1988657	0.57	cps
Scandium	45-2	169504	168753	166811	168356	0.83	cps
Selenium	82-1	792	728	738	753	4.57	cps
Selenium	77-2	67	103	70	80	25.34	cps
Selenium	78-2	1253	1137	1130	1173	5.91	cps
Silicon	28-1	1609214	1614439	1622144	1615265	0.40	cps
Silver	107-1	7245	7685	7315	7415	3.19	cps
Silver	109-1	6822	7065	7192	7026	2.68	cps
Sodium	23-2	197279	194485	191385	194383	1.52	cps
Strontium	86-1	2440	2414	2417	2424	0.60	cps
Strontium	88-1	16342	16676	16489	16503	1.01	cps
Sulfur	34-1	132992	134580	132673	133415	0.77	cps
Terbium	159-1	3811956	3928674	3849116	3863249	1.54	cps
Terbium	159-2	3157259	3124437	3123817	3135171	0.61	cps
Thallium	203-1	4841	4724	4941	4835	2.24	cps
Thallium	205-1	11368	11912	11595	11625	2.35	cps
Tin	118-1	23269	23903	22988	23387	2.00	cps
Titanium	47-1	3741	3731	3864	3778	1.97	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:55:04 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14041	14058	13977	14025	0.30	cps
Vanadium	51-2	10901	11001	10494	10798	2.49	cps
Yttrium	89-1	5737179	5894820	5809266	5813755	1.36	cps
Yttrium	89-2	1827536	1826166	1786403	1813368	1.29	cps
Zinc	66-2	3010	2900	3157	3023	4.26	cps
Zirconium	90-1	9280	10010	9627	9639	3.79	cps
Zirconium	91-1	2334	2147	2003	2161	7.66	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:58:22 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123129	125730	124886	124582	1.07	cps
Antimony	121-1	238884	240990	240327	240067	0.45	cps
Arsenic	75-2	16419	16473	16596	16496	0.55	cps
Barium	135-1	307633	311705	310812	310050	0.69	cps
Barium	137-1	530476	535930	536630	534345	0.63	cps
Beryllium	9-1	41288	42627	42312	42076	1.66	cps
Bismuth	209-1	2367697	2318022	2380728	2355483	1.40	cps
Bismuth	209-2	2212568	2229030	2195860	2212486	0.75	cps
Bromine	81-1	29994	30488	29940	30141	1.00	cps
Bromine	81-2	213	197	173	194	10.33	cps
Cadmium	108-1	5081	5454	5361	5299	3.67	cps
Cadmium	106-1	8816	8786	8703	8768	0.67	cps
Cadmium	111-1	79013	78592	78632	78746	0.29	cps
Calcium	43-1	76904	77400	76525	76943	0.57	cps
Calcium	44-1	1317954	1334181	1347030	1333055	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113964	114363	114807	114378	0.37	cps
Cobalt	59-2	184679	182202	183903	183595	0.69	cps
Copper	63-2	1392594	1512215	1385500	1430103	4.98	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	43	40	30	38	18.36	cps
Erbium	164-2	23	40	13	26	52.73	cps
Gadolinium	160-1	23	10	17	17	39.99	cps
Gadolinium	160-2	167	153	200	173	13.87	cps
Holmium	165-1	3895257	3876270	3852556	3874694	0.55	cps
Holmium	165-2	3198848	3203385	3210762	3204331	0.19	cps
Indium	115-1	3377125	3419071	3353734	3383310	0.98	cps
Indium	115-2	1334783	1324072	1318549	1325802	0.62	cps
Iron	56-2	5952368	6012753	5925717	5963612	0.75	cps
Iron	57-2	141865	140224	140319	140803	0.65	cps
Iron	54-2	312525	312080	313738	312781	0.27	cps
Krypton	83-1	410	313	360	361	13.39	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:58:22 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	862566	869748	870778	867697	0.52	cps
Lead	207-1	745669	751209	754440	750439	0.59	cps
Lead	208-1	3679477	3677440	3711114	3689344	0.51	cps
Lithium	6-1	529149	524563	523100	525604	0.60	cps
Magnesium	24-2	1215570	1213172	1202606	1210449	0.57	cps
Manganese	55-2	1016540	1025307	1019035	1020294	0.44	cps
Molybdenum	94-1	906346	916925	903499	908923	0.78	cps
Molybdenum	95-1	1414200	1420739	1434859	1423266	0.74	cps
Molybdenum	96-1	1563968	1568142	1530214	1554108	1.34	cps
Molybdenum	97-1	805253	814940	809437	809877	0.60	cps
Molybdenum	98-1	2304441	2318903	2293973	2305772	0.54	cps
Neodymium	150-1	20	23	27	23	14.29	cps
Neodymium	150-2	20	7	7	11	69.25	cps
Nickel	60-2	47582	47338	47284	47401	0.33	cps
Phosphorus	31-2	8296	7849	8119	8088	2.78	cps
Potassium	39-2	786419	788863	782266	785849	0.42	cps
Rhodium	103-1	3212753	3255422	3283845	3250673	1.10	cps
Rhodium	103-2	2135735	2089175	2084751	2103220	1.34	cps
Scandium	45-1	2040466	2083573	2026312	2050117	1.45	cps
Scandium	45-2	170243	171438	170680	170787	0.35	cps
Selenium	82-1	6849	6870	6688	6802	1.46	cps
Selenium	77-2	773	787	673	744	8.32	cps
Selenium	78-2	3134	3277	3234	3215	2.29	cps
Silicon	28-1	2034810	2049088	2035876	2039925	0.39	cps
Silver	107-1	352584	352884	352504	352657	0.06	cps
Silver	109-1	336076	333121	332803	334000	0.54	cps
Sodium	23-2	1965138	1954626	1902672	1940812	1.72	cps
Strontium	86-1	85044	84920	85510	85158	0.37	cps
Strontium	88-1	744996	753424	743140	747186	0.73	cps
Sulfur	34-1	157667	157023	158041	157577	0.33	cps
Terbium	159-1	3976649	3982189	4002355	3987064	0.34	cps
Terbium	159-2	3198718	3105829	3152677	3152408	1.47	cps
Thallium	203-1	218315	218907	218954	218725	0.16	cps
Thallium	205-1	524524	519412	520085	521340	0.53	cps
Tin	118-1	207832	209069	211273	209391	0.83	cps
Titanium	47-1	347414	345317	342023	344918	0.79	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 15:58:22 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	641075	640880	639071	640342	0.17	cps
Vanadium	51-2	98855	100650	100610	100038	1.02	cps
Yttrium	89-1	5901487	5868345	5896922	5888918	0.31	cps
Yttrium	89-2	1823594	1813472	1816235	1817767	0.29	cps
Zinc	66-2	276622	275546	272968	275046	0.68	cps
Zirconium	90-1	446232	450141	451033	449136	0.57	cps
Zirconium	91-1	101591	100055	99468	100371	1.09	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:04:42 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	302178	304506	301546	302743	0.52	cps
Antimony	121-1	613124	615465	611610	613400	0.32	cps
Arsenic	75-2	39278	39111	39222	39204	0.22	cps
Barium	135-1	756659	744696	742819	748058	1.00	cps
Barium	137-1	1295719	1297095	1286489	1293101	0.45	cps
Beryllium	9-1	102510	102409	103316	102745	0.48	cps
Bismuth	209-1	2225395	2298332	2264765	2262830	1.61	cps
Bismuth	209-2	2182413	2124368	2179271	2162017	1.51	cps
Bromine	81-1	26951	26434	26150	26512	1.53	cps
Bromine	81-2	167	213	160	180	16.15	cps
Cadmium	108-1	12862	13016	11788	12556	5.33	cps
Cadmium	106-1	19216	18632	19116	18988	1.65	cps
Cadmium	111-1	192029	187214	191925	190389	1.44	cps
Calcium	43-1	182562	183758	181729	182683	0.56	cps
Calcium	44-1	3170152	3281525	3202990	3218222	1.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	278548	276056	275460	276688	0.59	cps
Cobalt	59-2	442176	434789	435027	437331	0.96	cps
Copper	63-2	3651356	3681552	3659144	3664017	0.43	cps
Dysprosium	156-1	33	23	17	24	34.31	cps
Dysprosium	156-2	47	63	40	50	24.03	cps
Erbium	164-1	57	17	43	39	52.37	cps
Erbium	164-2	37	47	20	34	39.11	cps
Gadolinium	160-1	30	20	17	22	31.22	cps
Gadolinium	160-2	170	123	127	140	18.60	cps
Holmium	165-1	3748548	3801563	3734499	3761537	0.94	cps
Holmium	165-2	3106411	3113941	3133442	3117932	0.45	cps
Indium	115-1	3318092	3236471	3334328	3296297	1.59	cps
Indium	115-2	1265934	1252420	1255016	1257790	0.57	cps
Iron	56-2	14618454	14210294	14089078	14305942	1.94	cps
Iron	57-2	341402	337807	334434	337881	1.03	cps
Iron	54-2	751228	749747	744989	748655	0.44	cps
Krypton	83-1	333	333	367	344	5.59	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:04:42 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2524022	2559787	2541418	2541743	0.70	cps
Lead	207-1	2255743	2287510	2263913	2269055	0.73	cps
Lead	208-1	10209861	10370057	10287712	10289210	0.78	cps
Lithium	6-1	509692	508870	509013	509192	0.09	cps
Magnesium	24-2	2899166	2971935	2896420	2922507	1.47	cps
Manganese	55-2	2681963	2668374	2670401	2673579	0.27	cps
Molybdenum	94-1	2410337	2461888	2414564	2428930	1.18	cps
Molybdenum	95-1	3461584	3421117	3407956	3430219	0.81	cps
Molybdenum	96-1	3789925	3783508	3755853	3776429	0.48	cps
Molybdenum	97-1	2187438	2144228	2115326	2148997	1.69	cps
Molybdenum	98-1	5497189	5439194	5456187	5464190	0.55	cps
Neodymium	150-1	33	50	47	43	20.36	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	142075	140935	138342	140451	1.36	cps
Phosphorus	31-2	19382	18805	19025	19071	1.53	cps
Potassium	39-2	1948616	1964947	1974652	1962738	0.67	cps
Rhodium	103-1	3163837	3145853	3095657	3135116	1.13	cps
Rhodium	103-2	2027076	1981028	1955004	1987703	1.84	cps
Scandium	45-1	1911103	1923506	1919227	1917945	0.33	cps
Scandium	45-2	164193	163536	163093	163607	0.34	cps
Selenium	82-1	16097	16271	16156	16174	0.55	cps
Selenium	77-2	1670	1667	1670	1669	0.12	cps
Selenium	78-2	6385	6445	6178	6336	2.21	cps
Silicon	28-1	2617858	2646869	2653015	2639247	0.71	cps
Silver	107-1	847115	854315	841470	847633	0.76	cps
Silver	109-1	800779	802375	797245	800133	0.33	cps
Sodium	23-2	4484135	4635868	4660435	4593479	2.08	cps
Strontium	86-1	201764	202918	201842	202175	0.32	cps
Strontium	88-1	1975139	2022662	1988082	1995295	1.23	cps
Sulfur	34-1	181686	177278	177831	178932	1.34	cps
Terbium	159-1	3952164	3837624	3942363	3910717	1.62	cps
Terbium	159-2	3003550	3137993	3075673	3072405	2.19	cps
Thallium	203-1	530573	536609	536268	534483	0.63	cps
Thallium	205-1	1268455	1286168	1261621	1272081	1.00	cps
Tin	118-1	509035	507351	507885	508090	0.17	cps
Titanium	47-1	813248	822534	812179	815987	0.70	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:04:42 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1765043	1816880	1813311	1798411	1.61	cps
Vanadium	51-2	239803	243126	237174	240034	1.24	cps
Yttrium	89-1	5784651	5657120	5653485	5698418	1.31	cps
Yttrium	89-2	1731946	1732655	1697544	1720715	1.17	cps
Zinc	66-2	959638	950132	949564	953112	0.59	cps
Zirconium	90-1	1076091	1076454	1072942	1075162	0.18	cps
Zirconium	91-1	240805	240125	237139	239356	0.81	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:07:45 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	599381	595629	591602	595537	0.65	cps
Antimony	121-1	1144438	1151625	1149764	1148609	0.32	cps
Arsenic	75-2	77960	78054	78372	78129	0.28	cps
Barium	135-1	1652775	1681803	1677527	1670702	0.94	cps
Barium	137-1	2882131	2869896	2897184	2883070	0.47	cps
Beryllium	9-1	203142	204442	206450	204678	0.81	cps
Bismuth	209-1	2297632	2285093	2340881	2307868	1.27	cps
Bismuth	209-2	2126085	2114044	2148145	2129425	0.81	cps
Bromine	81-1	25749	26187	26210	26049	1.00	cps
Bromine	81-2	223	183	237	214	12.94	cps
Cadmium	108-1	24871	24694	25232	24933	1.10	cps
Cadmium	106-1	36366	35577	35787	35910	1.14	cps
Cadmium	111-1	374305	378812	377044	376720	0.60	cps
Calcium	43-1	358958	358049	352636	356548	0.96	cps
Calcium	44-1	6224743	6205575	6117030	6182449	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	546532	541239	543375	543715	0.49	cps
Cobalt	59-2	860902	857622	865223	861249	0.44	cps
Copper	63-2	7117373	7233783	7148178	7166445	0.84	cps
Dysprosium	156-1	23	20	37	27	33.08	cps
Dysprosium	156-2	63	103	50	72	38.43	cps
Erbium	164-1	20	50	20	30	57.74	cps
Erbium	164-2	10	27	30	22	48.22	cps
Gadolinium	160-1	20	27	23	23	14.29	cps
Gadolinium	160-2	197	117	153	156	25.74	cps
Holmium	165-1	3792755	3745155	3795977	3777963	0.75	cps
Holmium	165-2	3157748	3011859	3055665	3075091	2.43	cps
Indium	115-1	3197193	3213864	3242496	3217851	0.71	cps
Indium	115-2	1253851	1243842	1251053	1249582	0.41	cps
Iron	56-2	28558975	28247651	28240122	28348916	0.64	cps
Iron	57-2	665750	661733	657714	661732	0.61	cps
Iron	54-2	1580393	1523658	1535473	1546508	1.94	cps
Krypton	83-1	360	370	340	357	4.28	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:07:45 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4939037	4831876	4890595	4887169	1.10	cps
Lead	207-1	4343320	4289695	4232944	4288653	1.29	cps
Lead	208-1	19491855	19527427	19430715	19483332	0.25	cps
Lithium	6-1	513632	507599	503408	508213	1.01	cps
Magnesium	24-2	5822107	5750275	5739514	5770632	0.78	cps
Manganese	55-2	5482650	5370411	5348758	5400606	1.33	cps
Molybdenum	94-1	4765514	4827170	4849011	4813899	0.90	cps
Molybdenum	95-1	6825304	6743420	6848267	6805663	0.81	cps
Molybdenum	96-1	7504732	7512035	7481673	7499480	0.21	cps
Molybdenum	97-1	4220395	4240171	4215915	4225494	0.31	cps
Molybdenum	98-1	10770992	10902480	10889217	10854230	0.67	cps
Neodymium	150-1	73	60	53	62	16.37	cps
Neodymium	150-2	13	23	20	19	26.96	cps
Nickel	60-2	224227	222815	223636	223559	0.32	cps
Phosphorus	31-2	36206	35672	36413	36097	1.06	cps
Potassium	39-2	3779025	3705871	3713605	3732834	1.08	cps
Rhodium	103-1	3054970	3030320	3053900	3046397	0.46	cps
Rhodium	103-2	1977708	1974670	2030265	1994214	1.57	cps
Scandium	45-1	1913794	1915433	1874415	1901214	1.22	cps
Scandium	45-2	163391	163445	163367	163401	0.02	cps
Selenium	82-1	31514	31631	31280	31475	0.57	cps
Selenium	77-2	3467	3344	3447	3419	1.94	cps
Selenium	78-2	12539	12192	12172	12301	1.68	cps
Silicon	28-1	3633503	3676232	3681512	3663749	0.72	cps
Silver	107-1	1806586	1823268	1839547	1823133	0.90	cps
Silver	109-1	1781340	1725241	1730278	1745620	1.78	cps
Sodium	23-2	9375204	9086523	9073935	9178554	1.86	cps
Strontium	86-1	400212	403908	400850	401657	0.49	cps
Strontium	88-1	3882037	3957340	3944608	3927995	1.03	cps
Sulfur	34-1	228041	224670	222120	224944	1.32	cps
Terbium	159-1	3994469	3902386	3957572	3951476	1.17	cps
Terbium	159-2	3079822	3058097	3073044	3070321	0.36	cps
Thallium	203-1	1075326	1084586	1081160	1080357	0.43	cps
Thallium	205-1	2855705	2889275	2945707	2896896	1.57	cps
Tin	118-1	997385	1004892	1008793	1003690	0.58	cps
Titanium	47-1	1819766	1810753	1744109	1791543	2.31	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:07:45 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3652409	3740319	3680349	3691026	1.22	cps
Vanadium	51-2	478529	471471	474571	474857	0.74	cps
Yttrium	89-1	5660576	5618387	5549560	5609507	1.00	cps
Yttrium	89-2	1711886	1734557	1758924	1735122	1.36	cps
Zinc	66-2	1302388	1299365	1299580	1300444	0.13	cps
Zirconium	90-1	2346173	2408561	2395013	2383249	1.38	cps
Zirconium	91-1	474212	480375	479837	478141	0.71	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:10:39 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1371014	1358219	1339782	1356338	1.16	cps
Antimony	121-1	2543682	2567662	2528836	2546727	0.77	cps
Arsenic	75-2	157113	155375	154219	155569	0.94	cps
Barium	135-1	3331664	3422849	3337818	3364110	1.51	cps
Barium	137-1	5768241	5820052	5783128	5790474	0.46	cps
Beryllium	9-1	398399	406073	405925	403466	1.09	cps
Bismuth	209-1	2321021	2298571	2319137	2312910	0.54	cps
Bismuth	209-2	2165614	2160093	2196920	2174209	0.91	cps
Bromine	81-1	26273	26330	26397	26334	0.23	cps
Bromine	81-2	200	213	157	190	15.59	cps
Cadmium	108-1	49237	50331	49216	49595	1.29	cps
Cadmium	106-1	70949	71686	70353	70996	0.94	cps
Cadmium	111-1	745360	753457	742861	747226	0.74	cps
Calcium	43-1	708578	711170	709890	709879	0.18	cps
Calcium	44-1	12437424	12363750	12403167	12401447	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1104128	1101060	1092745	1099311	0.54	cps
Cobalt	59-2	1937919	1887326	1898567	1907937	1.39	cps
Copper	63-2	14699043	14408986	14238876	14448968	1.61	cps
Dysprosium	156-1	60	47	43	50	17.64	cps
Dysprosium	156-2	197	173	170	180	8.07	cps
Erbium	164-1	67	70	47	61	20.65	cps
Erbium	164-2	37	50	37	41	18.72	cps
Gadolinium	160-1	33	27	20	27	24.99	cps
Gadolinium	160-2	157	167	203	176	14.00	cps
Holmium	165-1	3849868	3887327	3788619	3841938	1.30	cps
Holmium	165-2	3162552	3097394	3128391	3129446	1.04	cps
Indium	115-1	3206440	3205610	3155228	3189093	0.92	cps
Indium	115-2	1260149	1238510	1240173	1246277	0.97	cps
Iron	56-2	56449479	56471381	56937942	56619601	0.49	cps
Iron	57-2	1445439	1383545	1412008	1413664	2.19	cps
Iron	54-2	3174999	3188386	3175729	3179705	0.24	cps
Krypton	83-1	313	330	397	347	12.72	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:10:39 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9895788	9614099	10021289	9843725	2.12	cps
Lead	207-1	8530530	8568561	8723096	8607396	1.18	cps
Lead	208-1	39327977	39169817	39862265	39453353	0.92	cps
Lithium	6-1	503227	499014	505843	502695	0.69	cps
Magnesium	24-2	11901976	11614154	11444491	11653540	1.98	cps
Manganese	55-2	10877746	10819599	10774437	10823927	0.48	cps
Molybdenum	94-1	9567480	9716975	9563970	9616142	0.91	cps
Molybdenum	95-1	13826801	13952921	13762797	13847506	0.70	cps
Molybdenum	96-1	14918951	15122854	15129763	15057189	0.80	cps
Molybdenum	97-1	8502663	8618122	8626607	8582464	0.81	cps
Molybdenum	98-1	21816875	22176615	22135694	22043061	0.89	cps
Neodymium	150-1	133	110	157	133	17.50	cps
Neodymium	150-2	67	40	40	49	31.50	cps
Nickel	60-2	449646	447770	444179	447198	0.62	cps
Phosphorus	31-2	72672	71935	73610	72739	1.15	cps
Potassium	39-2	7643486	7518517	7590861	7584288	0.83	cps
Rhodium	103-1	3057093	3109185	3007687	3057988	1.66	cps
Rhodium	103-2	1998838	1972178	1947451	1972822	1.30	cps
Scandium	45-1	1920030	1919890	1898911	1912944	0.64	cps
Scandium	45-2	166481	164758	165545	165595	0.52	cps
Selenium	82-1	61740	62244	63039	62341	1.05	cps
Selenium	77-2	6988	7078	6698	6922	2.87	cps
Selenium	78-2	24220	23565	23332	23706	1.94	cps
Silicon	28-1	5744399	5755504	5806926	5768943	0.58	cps
Silver	107-1	3604630	3732002	3664990	3667208	1.74	cps
Silver	109-1	3506598	3509075	3441882	3485852	1.09	cps
Sodium	23-2	18677588	18790676	18786685	18751650	0.34	cps
Strontium	86-1	797251	807595	801058	801968	0.65	cps
Strontium	88-1	7707156	7753606	7923520	7794761	1.46	cps
Sulfur	34-1	321243	321191	320679	321038	0.10	cps
Terbium	159-1	3933199	3958436	3940335	3943990	0.33	cps
Terbium	159-2	3095783	3120343	3152283	3122803	0.91	cps
Thallium	203-1	2550888	2574285	2543011	2556061	0.64	cps
Thallium	205-1	5981835	5881398	5970834	5944689	0.93	cps
Tin	118-1	2232345	2270156	2285835	2262779	1.22	cps
Titanium	47-1	3633114	3522250	3627235	3594200	1.74	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:10:39 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7371265	7501054	7648318	7506879	1.85	cps
Vanadium	51-2	979219	965751	961236	968735	0.97	cps
Yttrium	89-1	5670797	5577322	5495388	5581169	1.57	cps
Yttrium	89-2	1765441	1743368	1731489	1746766	0.99	cps
Zinc	66-2	2856260	2745001	2800605	2800622	1.99	cps
Zirconium	90-1	4689373	4796792	4747036	4744400	1.13	cps
Zirconium	91-1	957109	968299	960007	961805	0.60	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:13:29 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2712324	2719433	2737150	2722969	0.47	cps
Antimony	121-1	5097183	5227026	5284298	5202836	1.84	cps
Arsenic	75-2	317082	316706	315520	316436	0.26	cps
Barium	135-1	6822943	6976792	7010823	6936853	1.44	cps
Barium	137-1	11726904	12049360	11928308	11901524	1.37	cps
Beryllium	9-1	798338	814099	812701	808379	1.08	cps
Bismuth	209-1	2371969	2287261	2299804	2319678	1.97	cps
Bismuth	209-2	2148111	2156850	2143615	2149525	0.31	cps
Bromine	81-1	26678	27075	27382	27045	1.31	cps
Bromine	81-2	183	210	230	208	11.27	cps
Cadmium	108-1	97774	100535	100324	99544	1.54	cps
Cadmium	106-1	140526	141899	142640	141688	0.76	cps
Cadmium	111-1	1506259	1509288	1517396	1510981	0.38	cps
Calcium	43-1	1529765	1547536	1552972	1543425	0.79	cps
Calcium	44-1	25467210	24961690	25195459	25208120	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2491930	2486088	2429313	2469110	1.40	cps
Cobalt	59-2	3839909	3919276	3887713	3882299	1.03	cps
Copper	63-2	28925548	28703059	28445063	28691223	0.84	cps
Dysprosium	156-1	73	90	90	84	11.40	cps
Dysprosium	156-2	333	363	397	364	8.69	cps
Erbium	164-1	90	53	97	80	29.17	cps
Erbium	164-2	73	73	77	74	2.59	cps
Gadolinium	160-1	70	53	60	61	13.73	cps
Gadolinium	160-2	180	197	167	181	8.30	cps
Holmium	165-1	3936662	3933212	3891292	3920388	0.64	cps
Holmium	165-2	3189697	3175934	3215356	3193662	0.63	cps
Indium	115-1	3194424	3176993	3245117	3205511	1.10	cps
Indium	115-2	1225568	1220982	1214854	1220468	0.44	cps
Iron	56-2	113453965	113561642	113863948	113626518	0.19	cps
Iron	57-2	2820245	2874956	2846558	2847253	0.96	cps
Iron	54-2	6505596	6501564	6225281	6410814	2.51	cps
Krypton	83-1	370	410	387	389	5.17	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:13:29 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20200060	20057033	20018471	20091855	0.48	cps
Lead	207-1	17328889	17609309	17680060	17539419	1.06	cps
Lead	208-1	80058950	80594782	80232421	80295385	0.34	cps
Lithium	6-1	507786	503527	501949	504421	0.60	cps
Magnesium	24-2	23290277	22717354	23827817	23278483	2.39	cps
Manganese	55-2	22172906	21959681	21591761	21908116	1.34	cps
Molybdenum	94-1	19657116	19761442	19827457	19748672	0.43	cps
Molybdenum	95-1	28128893	28311217	28473984	28304698	0.61	cps
Molybdenum	96-1	30925920	30698776	31057672	30894123	0.59	cps
Molybdenum	97-1	17583423	17454441	17569768	17535877	0.40	cps
Molybdenum	98-1	44635298	45721884	46039356	45465513	1.62	cps
Neodymium	150-1	323	263	233	273	16.77	cps
Neodymium	150-2	73	77	83	78	6.55	cps
Nickel	60-2	890844	901159	895113	895705	0.58	cps
Phosphorus	31-2	146471	146651	144495	145872	0.82	cps
Potassium	39-2	15290481	15196988	15124077	15203849	0.55	cps
Rhodium	103-1	3042233	3044970	3050128	3045777	0.13	cps
Rhodium	103-2	1958140	1965794	1999215	1974383	1.11	cps
Scandium	45-1	1937576	1914537	1905918	1919343	0.85	cps
Scandium	45-2	169119	168705	165732	167852	1.10	cps
Selenium	82-1	122806	123906	124832	123848	0.82	cps
Selenium	77-2	13576	13470	13566	13537	0.44	cps
Selenium	78-2	44921	46175	45664	45587	1.38	cps
Silicon	28-1	9212198	9373249	9307096	9297514	0.87	cps
Silver	107-1	7325798	7339359	7394266	7353141	0.49	cps
Silver	109-1	6949274	6925343	7121120	6998579	1.53	cps
Sodium	23-2	37749202	37569698	37891499	37736800	0.43	cps
Strontium	86-1	1824166	1773838	1822688	1806897	1.59	cps
Strontium	88-1	16049666	16211612	16472463	16244580	1.31	cps
Sulfur	34-1	533357	537648	537862	536289	0.47	cps
Terbium	159-1	3980780	3898819	4004777	3961459	1.40	cps
Terbium	159-2	3227466	3124174	3167511	3173050	1.63	cps
Thallium	203-1	5030191	5149320	5021362	5066958	1.41	cps
Thallium	205-1	12169574	12273029	12095876	12179493	0.73	cps
Tin	118-1	4473043	4581233	4564653	4539643	1.28	cps
Titanium	47-1	7369428	7257515	7415786	7347577	1.11	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:13:29 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15271554	15582344	15581070	15478323	1.16	cps
Vanadium	51-2	2140379	2167338	2147675	2151798	0.65	cps
Yttrium	89-1	5779565	5713215	5858205	5783662	1.25	cps
Yttrium	89-2	1763012	1732631	1745086	1746910	0.87	cps
Zinc	66-2	5459173	5520867	5492721	5490920	0.56	cps
Zirconium	90-1	9834455	9842250	9861840	9846182	0.14	cps
Zirconium	91-1	2189545	2172414	2186331	2182763	0.42	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:19:30 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14798095	14624642	14785988	14736242	0.66	cps
Antimony	121-1	1510	1583	1757	1617	7.84	cps
Arsenic	75-2	213	190	140	181	20.69	cps
Barium	135-1	3067	3100	3030	3066	1.14	cps
Barium	137-1	5198	5548	5341	5362	3.28	cps
Beryllium	9-1	108	95	145	116	22.05	cps
Bismuth	209-1	2282863	2093077	2101692	2159210	4.96	cps
Bismuth	209-2	1979835	2003475	1969112	1984141	0.89	cps
Bromine	81-1	29129	29129	29146	29134	0.03	cps
Bromine	81-2	253	210	193	219	14.15	cps
Cadmium	108-1	37	30	37	34	11.18	cps
Cadmium	106-1	1607	1510	1347	1488	8.83	cps
Cadmium	111-1	1724	1648	1509	1627	6.69	cps
Calcium	43-1	7892238	8176338	8070868	8046481	1.78	cps
Calcium	44-1	130636381	133345911	135591681	133191325	1.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13266	13746	14200	13737	3.40	cps
Cobalt	59-2	9827	9810	10027	9888	1.22	cps
Copper	63-2	13520	13439	13166	13375	1.39	cps
Dysprosium	156-1	163	193	187	181	8.70	cps
Dysprosium	156-2	183	163	220	189	15.21	cps
Erbium	164-1	203	187	223	204	8.98	cps
Erbium	164-2	180	160	177	172	6.22	cps
Gadolinium	160-1	127	137	157	140	10.91	cps
Gadolinium	160-2	240	337	250	276	19.29	cps
Holmium	165-1	3955172	3834275	3847790	3879079	1.71	cps
Holmium	165-2	3140000	3128276	3086738	3118338	0.90	cps
Indium	115-1	3419513	3277662	3229013	3308729	2.99	cps
Indium	115-2	1258182	1249009	1247457	1251549	0.46	cps
Iron	56-2	563469645	566033018	562593125	564031929	0.32	cps
Iron	57-2	14006106	14054301	13865462	13975290	0.70	cps
Iron	54-2	31194898	30910747	30767183	30957609	0.70	cps
Krypton	83-1	380	417	457	418	9.18	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:19:30 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8593	8666	8379	8546	1.74	cps
Lead	207-1	7516	7599	7309	7474	2.00	cps
Lead	208-1	34157	34554	33887	34199	0.98	cps
Lithium	6-1	559671	530234	528072	539326	3.27	cps
Magnesium	24-2	125779275	122497505	120515978	122930919	2.16	cps
Manganese	55-2	11381	11248	11695	11441	2.01	cps
Molybdenum	94-1	4284	4361	4417	4354	1.54	cps
Molybdenum	95-1	3560	3784	3881	3742	4.39	cps
Molybdenum	96-1	15835	16179	15912	15976	1.13	cps
Molybdenum	97-1	2150	2354	2390	2298	5.63	cps
Molybdenum	98-1	4904	4964	4858	4909	1.09	cps
Neodymium	150-1	93	103	90	96	7.26	cps
Neodymium	150-2	87	40	83	70	37.19	cps
Nickel	60-2	3944	4121	3794	3953	4.14	cps
Phosphorus	31-2	427	467	367	420	11.98	cps
Potassium	39-2	79564819	78852147	79444584	79287183	0.48	cps
Rhodium	103-1	3146994	2986843	2951490	3028442	3.44	cps
Rhodium	103-2	1942980	1920406	1854796	1906061	2.40	cps
Scandium	45-1	2149089	2043648	2010897	2067878	3.49	cps
Scandium	45-2	174346	174250	173043	173880	0.42	cps
Selenium	82-1	387	417	298	367	16.79	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	747	847	957	850	12.36	cps
Silicon	28-1	1583026	1546004	1581442	1570157	1.33	cps
Silver	107-1	380	483	377	413	14.67	cps
Silver	109-1	333	390	370	364	7.89	cps
Sodium	23-2	196500377	193965877	191851790	194106015	1.20	cps
Strontium	86-1	6098	6078	6251	6142	1.54	cps
Strontium	88-1	50001	51794	51159	50985	1.78	cps
Sulfur	34-1	140674	142516	143624	142271	1.05	cps
Terbium	159-1	4206461	3915793	3937518	4019924	4.03	cps
Terbium	159-2	3191958	3071542	3069251	3110917	2.26	cps
Thallium	203-1	510	490	500	500	2.00	cps
Thallium	205-1	1120	1250	1183	1185	5.49	cps
Tin	118-1	1877	1850	1953	1893	2.83	cps
Titanium	47-1	427	460	607	498	19.24	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 16:19:30 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	840	847	750	812	6.65	cps
Vanadium	51-2	533	587	567	562	4.79	cps
Yttrium	89-1	6320122	5912002	5881142	6037755	4.06	cps
Yttrium	89-2	1817983	1789980	1770275	1792746	1.34	cps
Zinc	66-2	10194	10344	10117	10218	1.13	cps
Zirconium	90-1	4374	4644	4631	4550	3.35	cps
Zirconium	91-1	997	943	977	972	2.77	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:16:14 DataFile Name : 018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75425	75357	75672	75485	0.22	cps
Antimony	121-1	1033063	1049329	1051085	1044492	0.95	cps
Arsenic	75-2	75303	73873	74499	74558	0.96	cps
Barium	135-1	136951	138745	138388	138028	0.69	cps
Barium	137-1	236096	241369	239445	238970	1.12	cps
Beryllium	9-1	85067	86069	84765	85301	0.80	cps
Bismuth	209-1	2320107	2421747	2336080	2359311	2.32	cps
Bismuth	209-2	2318851	2300051	2339352	2319418	0.85	cps
Bromine	81-1	30769	30335	29897	30334	1.44	cps
Bromine	81-2	253	223	253	243	7.12	cps
Cadmium	108-1	10647	10511	10607	10588	0.66	cps
Cadmium	106-1	15455	16289	15392	15712	3.19	cps
Cadmium	111-1	163911	167130	165549	165530	0.97	cps
Calcium	43-1	33547	33587	32829	33321	1.28	cps
Calcium	44-1	553839	558596	552883	555106	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	261754	257228	257731	258904	0.96	cps
Cobalt	59-2	413425	412838	410403	412222	0.39	cps
Copper	63-2	291005	290086	287701	289597	0.59	cps
Dysprosium	156-1	7	10	13	10	33.30	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	27	10	13	17	52.93	cps
Erbium	164-2	37	37	23	32	23.90	cps
Gadolinium	160-1	37	30	3	23	75.61	cps
Gadolinium	160-2	160	177	167	168	5.00	cps
Holmium	165-1	3996520	3997416	4006757	4000231	0.14	cps
Holmium	165-2	3316428	3344089	3395883	3352133	1.20	cps
Indium	115-1	3479837	3593073	3567082	3546664	1.67	cps
Indium	115-2	1395071	1383284	1381462	1386605	0.53	cps
Iron	56-2	5304337	5273654	5223650	5267214	0.77	cps
Iron	57-2	122831	124366	125418	124205	1.05	cps
Iron	54-2	279364	280058	281127	280183	0.32	cps
Krypton	83-1	333	370	383	362	7.15	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:16:14 DataFile Name : 018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	766894	782681	776724	775433	1.03	cps
Lead	207-1	627476	647672	649051	641399	1.88	cps
Lead	208-1	3192028	3265782	3015011	3157607	4.08	cps
Lithium	6-1	531706	530938	528510	530385	0.31	cps
Magnesium	24-2	291443	291038	292323	291602	0.23	cps
Manganese	55-2	227693	227699	229201	228197	0.38	cps
Molybdenum	94-1	323	320	287	310	6.54	cps
Molybdenum	95-1	260	257	260	259	0.74	cps
Molybdenum	96-1	570	560	470	533	10.33	cps
Molybdenum	97-1	160	163	180	168	6.39	cps
Molybdenum	98-1	453	413	363	410	11.00	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	106458	106827	106696	106661	0.18	cps
Phosphorus	31-2	490	487	397	458	11.57	cps
Potassium	39-2	688865	689368	689896	689376	0.07	cps
Rhodium	103-1	3395028	3467155	3462330	3441504	1.17	cps
Rhodium	103-2	2247743	2178352	2200143	2208746	1.61	cps
Scandium	45-1	2189701	2194298	2124004	2169334	1.81	cps
Scandium	45-2	180165	179396	179363	179641	0.25	cps
Selenium	82-1	26546	26043	26559	26383	1.12	cps
Selenium	77-2	3340	3444	3237	3340	3.09	cps
Selenium	78-2	11982	11708	11952	11880	1.26	cps
Silicon	28-1	1692067	1654994	1654901	1667321	1.29	cps
Silver	107-1	377233	381941	384713	381296	0.99	cps
Silver	109-1	359810	359103	364745	361219	0.85	cps
Sodium	23-2	748684	750199	743259	747380	0.49	cps
Strontium	86-1	1000	1120	1190	1103	8.71	cps
Strontium	88-1	4244	4274	4491	4336	3.10	cps
Sulfur	34-1	138689	139372	138951	139004	0.25	cps
Terbium	159-1	4190087	4163462	4037149	4130233	1.98	cps
Terbium	159-2	3369288	3280286	3301072	3316882	1.40	cps
Thallium	203-1	931181	949050	952198	944143	1.20	cps
Thallium	205-1	2561770	2636086	2573085	2590314	1.55	cps
Tin	118-1	1203	1107	1097	1136	5.19	cps
Titanium	47-1	87	83	103	91	11.76	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:16:14 DataFile Name : 018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	430	457	467	451	4.20	cps
Vanadium	51-2	219820	218540	221199	219853	0.60	cps
Yttrium	89-1	6150158	6234357	6135046	6173187	0.87	cps
Yttrium	89-2	1914924	1885027	1914473	1904808	0.90	cps
Zinc	66-2	108729	106631	107641	107667	0.97	cps
Zirconium	90-1	443	493	447	461	6.06	cps
Zirconium	91-1	147	203	150	167	19.08	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:19:39 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2990	3034	3100	3041	1.82	cps
Antimony	121-1	10994	11271	11305	11190	1.52	cps
Arsenic	75-2	393	463	363	407	12.62	cps
Barium	135-1	13567	13803	13720	13697	0.88	cps
Barium	137-1	23553	23797	24000	23783	0.94	cps
Beryllium	9-1	1000	1093	1020	1038	4.70	cps
Bismuth	209-1	2326248	2301266	2379778	2335764	1.72	cps
Bismuth	209-2	2274004	2220973	2254364	2249780	1.19	cps
Bromine	81-1	30345	30699	29750	30265	1.58	cps
Bromine	81-2	223	173	197	198	12.65	cps
Cadmium	108-1	120	120	117	119	1.62	cps
Cadmium	106-1	1553	1353	1573	1493	8.15	cps
Cadmium	111-1	3192	2972	3141	3102	3.71	cps
Calcium	43-1	8929	9276	9463	9223	2.94	cps
Calcium	44-1	150145	156312	153401	153286	2.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5718	5941	5564	5741	3.30	cps
Cobalt	59-2	4601	4681	4651	4644	0.87	cps
Copper	63-2	9170	9286	9296	9251	0.76	cps
Dysprosium	156-1	0	13	3	6	124.93	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	27	13	20	20	33.35	cps
Erbium	164-2	27	37	17	27	37.50	cps
Gadolinium	160-1	17	20	20	19	10.18	cps
Gadolinium	160-2	150	183	157	163	10.80	cps
Holmium	165-1	3957212	3911880	3923775	3930956	0.60	cps
Holmium	165-2	3280895	3181043	3215547	3225828	1.57	cps
Indium	115-1	3463337	3448225	3604871	3505477	2.46	cps
Indium	115-2	1372102	1354750	1360051	1362301	0.65	cps
Iron	56-2	157398	158102	154347	156615	1.27	cps
Iron	57-2	4577	4998	4884	4820	4.51	cps
Iron	54-2	10914	10654	10350	10639	2.65	cps
Krypton	83-1	367	417	357	380	8.46	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:19:39 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4778	5591	5094	5154	7.96	cps
Lead	207-1	3911	4731	4191	4277	9.75	cps
Lead	208-1	18942	22168	19672	20261	8.35	cps
Lithium	6-1	520098	518263	525578	521313	0.73	cps
Magnesium	24-2	118626	120848	120129	119868	0.95	cps
Manganese	55-2	3254	3150	2854	3086	6.73	cps
Molybdenum	94-1	11635	12689	12155	12160	4.34	cps
Molybdenum	95-1	14791	15165	14968	14974	1.25	cps
Molybdenum	96-1	16406	16873	16706	16662	1.42	cps
Molybdenum	97-1	9233	9433	8943	9203	2.68	cps
Molybdenum	98-1	23733	24357	23916	24002	1.34	cps
Neodymium	150-1	3	0	0	1	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1427	1393	1430	1417	1.43	cps
Phosphorus	31-2	590	693	600	628	9.08	cps
Potassium	39-2	218232	221800	218263	219432	0.93	cps
Rhodium	103-1	3373974	3346147	3358078	3359400	0.42	cps
Rhodium	103-2	2180719	2154956	2156806	2164160	0.66	cps
Scandium	45-1	2055574	2074675	2134949	2088399	1.98	cps
Scandium	45-2	177959	175582	175775	176439	0.75	cps
Selenium	82-1	754	770	833	786	5.32	cps
Selenium	77-2	87	77	73	79	8.80	cps
Selenium	78-2	1137	1177	1153	1156	1.74	cps
Silicon	28-1	1651488	1690230	1659074	1666931	1.23	cps
Silver	107-1	7625	7999	8156	7927	3.44	cps
Silver	109-1	7345	7702	7172	7406	3.65	cps
Sodium	23-2	204903	204074	204798	204592	0.22	cps
Strontium	86-1	2454	2567	2727	2582	5.32	cps
Strontium	88-1	17294	17531	17120	17315	1.19	cps
Sulfur	34-1	140640	138433	140129	139734	0.83	cps
Terbium	159-1	3994863	3980104	4032718	4002562	0.68	cps
Terbium	159-2	3220406	3191452	3241004	3217620	0.77	cps
Thallium	203-1	5381	5121	5274	5259	2.49	cps
Thallium	205-1	11792	12159	12129	12027	1.69	cps
Tin	118-1	24053	24875	24281	24403	1.74	cps
Titanium	47-1	3994	4357	4074	4142	4.61	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:19:39 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14415	14878	14468	14587	1.74	cps
Vanadium	51-2	11471	11898	11504	11625	2.04	cps
Yttrium	89-1	6065893	6108098	6126911	6100301	0.51	cps
Yttrium	89-2	1892880	1882001	1870450	1881777	0.60	cps
Zinc	66-2	3104	3370	3147	3207	4.46	cps
Zirconium	90-1	10454	10147	10280	10294	1.49	cps
Zirconium	91-1	2304	2377	2390	2357	1.98	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:27:55 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	397	343	343	361	8.53	cps
Antimony	121-1	107	110	87	101	12.48	cps
Arsenic	75-2	30	3	13	16	86.63	cps
Barium	135-1	110	167	130	136	21.20	cps
Barium	137-1	217	280	200	232	18.18	cps
Beryllium	9-1	86	80	40	68	36.90	cps
Bismuth	209-1	2312496	2344842	2343323	2333554	0.78	cps
Bismuth	209-2	2275610	2249135	2248094	2257613	0.69	cps
Bromine	81-1	29683	28905	29596	29395	1.45	cps
Bromine	81-2	243	337	213	264	24.32	cps
Cadmium	108-1	10	3	3	6	69.34	cps
Cadmium	106-1	1300	1293	1243	1279	2.42	cps
Cadmium	111-1	1247	1253	1231	1244	0.90	cps
Calcium	43-1	547	563	613	574	6.04	cps
Calcium	44-1	11882	12078	11608	11856	1.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	540	590	593	574	5.20	cps
Cobalt	59-2	323	370	323	339	7.95	cps
Copper	63-2	3274	3470	3514	3419	3.74	cps
Dysprosium	156-1	10	0	13	8	89.21	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	23	23	17	21	18.21	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	7	23	7	12	78.69	cps
Gadolinium	160-2	223	167	173	188	16.49	cps
Holmium	165-1	3897068	3838678	3789133	3841627	1.41	cps
Holmium	165-2	3273022	3206683	3223572	3234426	1.07	cps
Indium	115-1	3531849	3498253	3443855	3491319	1.27	cps
Indium	115-2	1345828	1344493	1353056	1347792	0.34	cps
Iron	56-2	31219	32301	32562	32028	2.22	cps
Iron	57-2	1543	1707	1733	1661	6.19	cps
Iron	54-2	3587	3490	3587	3555	1.57	cps
Krypton	83-1	327	393	407	376	11.41	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:27:55 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1140	1097	997	1078	6.82	cps
Lead	207-1	957	950	930	946	1.47	cps
Lead	208-1	4527	4547	4337	4470	2.59	cps
Lithium	6-1	527139	519947	515687	520924	1.11	cps
Magnesium	24-2	2494	2394	2314	2400	3.76	cps
Manganese	55-2	973	1033	1023	1010	3.18	cps
Molybdenum	94-1	233	290	293	272	12.39	cps
Molybdenum	95-1	260	300	210	257	17.57	cps
Molybdenum	96-1	377	440	407	408	7.77	cps
Molybdenum	97-1	130	223	247	200	30.87	cps
Molybdenum	98-1	410	510	493	471	11.37	cps
Neodymium	150-1	0	3	7	3	100.05	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	267	343	297	302	12.78	cps
Phosphorus	31-2	363	350	323	346	5.89	cps
Potassium	39-2	58241	57113	58643	57999	1.37	cps
Rhodium	103-1	3342972	3399396	3345059	3362476	0.95	cps
Rhodium	103-2	2148029	2138806	2123559	2136798	0.58	cps
Scandium	45-1	2082158	2132847	2089137	2101381	1.31	cps
Scandium	45-2	173687	174135	174121	173981	0.15	cps
Selenium	82-1	144	125	92	121	21.62	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	980	900	957	946	4.35	cps
Silicon	28-1	1687338	1637426	1653955	1659573	1.53	cps
Silver	107-1	113	113	73	100	23.10	cps
Silver	109-1	63	73	80	72	11.62	cps
Sodium	23-2	19940	19890	20157	19995	0.71	cps
Strontium	86-1	617	663	693	658	5.87	cps
Strontium	88-1	263	213	370	282	28.35	cps
Sulfur	34-1	135208	133651	135941	134934	0.87	cps
Terbium	159-1	4037562	3991708	3949535	3992935	1.10	cps
Terbium	159-2	3227259	3156320	3258241	3213940	1.63	cps
Thallium	203-1	313	333	357	334	6.49	cps
Thallium	205-1	833	840	910	861	4.93	cps
Tin	118-1	897	850	1040	929	10.66	cps
Titanium	47-1	107	97	130	111	15.39	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:27:55 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	463	493	473	477	3.20	cps
Vanadium	51-2	53	60	67	60	11.12	cps
Yttrium	89-1	6040005	5944703	6025138	6003282	0.85	cps
Yttrium	89-2	1832596	1853052	1888795	1858148	1.53	cps
Zinc	66-2	380	497	420	432	13.72	cps
Zirconium	90-1	417	410	423	417	1.60	cps
Zirconium	91-1	77	70	100	82	19.16	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:40:52 DataFile Name : 024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13515306	13670552	13497671	13561176	0.70	cps
Antimony	121-1	13980	14184	14471	14212	1.73	cps
Arsenic	75-2	140	143	180	154	14.37	cps
Barium	135-1	17781	17781	18072	17878	0.94	cps
Barium	137-1	30473	30599	31508	30860	1.83	cps
Beryllium	9-1	332	282	329	314	8.97	cps
Bismuth	209-1	2425847	2313809	2468729	2402795	3.33	cps
Bismuth	209-2	2229215	2252981	2178871	2220356	1.70	cps
Bromine	81-1	29506	31293	28424	29741	4.87	cps
Bromine	81-2	317	260	290	289	9.81	cps
Cadmium	108-1	743	723	733	733	1.36	cps
Cadmium	106-1	1170	1320	1240	1243	6.04	cps
Cadmium	111-1	1578	1658	1579	1605	2.86	cps
Calcium	43-1	1727737	1718088	1706617	1717481	0.62	cps
Calcium	44-1	28062666	28222238	27769245	28018050	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48665	48762	48327	48585	0.47	cps
Cobalt	59-2	5084	4994	5171	5083	1.74	cps
Copper	63-2	39198	39011	38456	38888	0.99	cps
Dysprosium	156-1	27	30	23	27	12.51	cps
Dysprosium	156-2	50	27	30	36	35.49	cps
Erbium	164-1	53	57	43	51	13.58	cps
Erbium	164-2	57	33	40	43	27.74	cps
Gadolinium	160-1	47	27	23	32	39.17	cps
Gadolinium	160-2	163	133	153	150	10.18	cps
Holmium	165-1	4182822	3922632	4129865	4078440	3.37	cps
Holmium	165-2	3323596	3339532	3221590	3294906	1.94	cps
Indium	115-1	3373254	3415682	3368755	3385897	0.76	cps
Indium	115-2	1311543	1297680	1298001	1302408	0.61	cps
Iron	56-2	245065216	241878143	243271990	243405116	0.66	cps
Iron	57-2	6015099	6044371	6021401	6026957	0.26	cps
Iron	54-2	13486203	13378692	13559773	13474889	0.68	cps
Krypton	83-1	307	363	370	347	10.04	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:40:52 DataFile Name : 024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22472	21317	22335	22041	2.86	cps
Lead	207-1	17401	17037	17735	17391	2.01	cps
Lead	208-1	83834	80516	84472	82941	2.56	cps
Lithium	6-1	531840	510712	520223	520925	2.03	cps
Magnesium	24-2	23312503	23485355	23403333	23400397	0.37	cps
Manganese	55-2	16503	16943	17003	16816	1.63	cps
Molybdenum	94-1	3339841	3476065	3416499	3410802	2.00	cps
Molybdenum	95-1	5902612	6166836	5958191	6009213	2.32	cps
Molybdenum	96-1	6252726	6609309	6320392	6394142	2.96	cps
Molybdenum	97-1	3619256	3776598	3633256	3676370	2.37	cps
Molybdenum	98-1	9571046	9840433	9378884	9596787	2.42	cps
Neodymium	150-1	27	27	47	33	34.64	cps
Neodymium	150-2	13	3	30	16	86.63	cps
Nickel	60-2	6191	6455	6605	6417	3.26	cps
Phosphorus	31-2	776686	784967	774783	778812	0.70	cps
Potassium	39-2	31789848	31886973	31820983	31832601	0.16	cps
Rhodium	103-1	3151731	3256773	3132642	3180382	2.10	cps
Rhodium	103-2	2074854	2053195	2033471	2053840	1.01	cps
Scandium	45-1	2084905	2062777	2083994	2077225	0.60	cps
Scandium	45-2	173825	170083	171083	171664	1.13	cps
Selenium	82-1	753	745	694	730	4.34	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	783	680	797	753	8.48	cps
Silicon	28-1	1452944	1453895	1461549	1456129	0.32	cps
Silver	107-1	263	323	320	302	11.16	cps
Silver	109-1	313	300	347	320	7.51	cps
Sodium	23-2	40459254	40397419	40217809	40358161	0.31	cps
Strontium	86-1	61404	64356	61280	62347	2.79	cps
Strontium	88-1	539437	567273	534470	547060	3.23	cps
Sulfur	34-1	2823277	2862213	2813593	2833028	0.91	cps
Terbium	159-1	4199776	4095132	4258041	4184317	1.97	cps
Terbium	159-2	3220124	3196991	3253847	3223654	0.89	cps
Thallium	203-1	1233	1267	1350	1283	4.68	cps
Thallium	205-1	3000	2817	3144	2987	5.48	cps
Tin	118-1	4077	4017	3907	4001	2.16	cps
Titanium	47-1	1633366	1625695	1611156	1623406	0.69	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:40:52 DataFile Name : 024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	900	840	920	887	4.70	cps
Vanadium	51-2	507	490	563	520	7.39	cps
Yttrium	89-1	5826628	6193244	5782352	5934075	3.80	cps
Yttrium	89-2	1852485	1788726	1871714	1837641	2.36	cps
Zinc	66-2	10701	10110	10530	10447	2.91	cps
Zirconium	90-1	573	640	603	606	5.51	cps
Zirconium	91-1	157	113	143	138	16.11	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:43:59 DataFile Name : 025ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13653979	13637337	13470135	13587150	0.75	cps
Antimony	121-1	107035	112150	109651	109612	2.33	cps
Arsenic	75-2	6928	6835	6998	6921	1.18	cps
Barium	135-1	28729	31011	29310	29683	3.99	cps
Barium	137-1	50640	50995	50395	50677	0.59	cps
Beryllium	9-1	16097	15263	15849	15736	2.72	cps
Bismuth	209-1	2463685	2290388	2309790	2354621	4.03	cps
Bismuth	209-2	2282985	2250786	2228418	2254063	1.22	cps
Bromine	81-1	29439	30037	31046	30174	2.69	cps
Bromine	81-2	277	317	250	281	11.94	cps
Cadmium	108-1	2437	2737	2580	2585	5.81	cps
Cadmium	106-1	3947	4347	3917	4071	5.90	cps
Cadmium	111-1	31158	33250	31936	32115	3.29	cps
Calcium	43-1	1673128	1645382	1683556	1667355	1.18	cps
Calcium	44-1	27678595	27279650	27386900	27448382	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96617	96318	97053	96663	0.38	cps
Cobalt	59-2	81631	82039	82455	82042	0.50	cps
Copper	63-2	88912	90149	88644	89235	0.90	cps
Dysprosium	156-1	43	27	30	33	26.45	cps
Dysprosium	156-2	33	17	17	22	43.28	cps
Erbium	164-1	73	63	63	67	8.66	cps
Erbium	164-2	40	30	50	40	25.00	cps
Gadolinium	160-1	47	63	43	51	20.96	cps
Gadolinium	160-2	153	203	177	178	14.07	cps
Holmium	165-1	4106418	3955287	3935308	3999004	2.34	cps
Holmium	165-2	3368909	3335510	3276034	3326818	1.41	cps
Indium	115-1	3343610	3512730	3434451	3430264	2.47	cps
Indium	115-2	1316851	1320524	1318118	1318497	0.14	cps
Iron	56-2	251481716	252038416	247925076	250481736	0.89	cps
Iron	57-2	6035953	6200870	6200671	6145831	1.55	cps
Iron	54-2	13414519	13585209	13559377	13519702	0.68	cps
Krypton	83-1	283	350	403	346	17.40	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:43:59 DataFile Name : 025ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	97268	93347	94989	95201	2.07	cps
Lead	207-1	81301	79169	77801	79424	2.22	cps
Lead	208-1	378226	362498	364890	368538	2.30	cps
Lithium	6-1	526179	487967	495824	503323	4.01	cps
Magnesium	24-2	23449025	23882601	23711378	23681002	0.92	cps
Manganese	55-2	59808	58845	59099	59251	0.84	cps
Molybdenum	94-1	3344216	3589337	3556020	3496525	3.80	cps
Molybdenum	95-1	5867538	6135351	6196321	6066403	2.88	cps
Molybdenum	96-1	6328943	6650142	6789168	6589418	3.58	cps
Molybdenum	97-1	3706814	3803629	3835107	3781850	1.77	cps
Molybdenum	98-1	9390305	9701352	10051215	9714291	3.40	cps
Neodymium	150-1	40	57	43	47	18.90	cps
Neodymium	150-2	33	50	37	40	22.05	cps
Nickel	60-2	24714	25148	24817	24893	0.91	cps
Phosphorus	31-2	780653	768605	779182	776147	0.85	cps
Potassium	39-2	32465979	32480180	32310872	32419010	0.29	cps
Rhodium	103-1	3156942	3294355	3296442	3249246	2.46	cps
Rhodium	103-2	2080779	2039892	2102531	2074400	1.53	cps
Scandium	45-1	2091043	2000709	2033039	2041597	2.24	cps
Scandium	45-2	173154	172603	173643	173134	0.30	cps
Selenium	82-1	3215	3160	3186	3187	0.86	cps
Selenium	77-2	253	307	353	304	16.44	cps
Selenium	78-2	1647	1737	1870	1751	6.42	cps
Silicon	28-1	1620531	1732406	1676672	1676536	3.34	cps
Silver	107-1	137110	148107	146605	143941	4.14	cps
Silver	109-1	131426	138356	137331	135704	2.76	cps
Sodium	23-2	40992400	40945514	40316099	40751338	0.93	cps
Strontium	86-1	61501	64594	64015	63370	2.60	cps
Strontium	88-1	545717	567404	568105	560409	2.27	cps
Sulfur	34-1	2786516	2650984	2785052	2740851	2.84	cps
Terbium	159-1	4100202	4150262	4181525	4143996	0.99	cps
Terbium	159-2	3314422	3307944	3271028	3297798	0.71	cps
Thallium	203-1	98516	96979	94904	96800	1.87	cps
Thallium	205-1	236065	226649	225814	229509	2.48	cps
Tin	118-1	4214	4204	4021	4146	2.63	cps
Titanium	47-1	1629276	1562719	1586941	1592979	2.11	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:43:59 DataFile Name : 025ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	877	907	713	832	12.50	cps
Vanadium	51-2	42787	42804	42135	42575	0.90	cps
Yttrium	89-1	5868410	6174953	6118662	6054009	2.70	cps
Yttrium	89-2	1872464	1808488	1851647	1844200	1.77	cps
Zinc	66-2	16246	16716	16733	16565	1.67	cps
Zirconium	90-1	1190	1270	1183	1215	3.97	cps
Zirconium	91-1	270	307	343	307	11.96	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:49:55 DataFile Name : 027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7463372	7607491	7529556	7533473	0.96	cps
Antimony	121-1	2766100	2784480	2827469	2792683	1.13	cps
Arsenic	75-2	168754	168380	168913	168683	0.16	cps
Barium	135-1	3833524	3807471	3828641	3823212	0.36	cps
Barium	137-1	6373852	6459473	6493965	6442430	0.96	cps
Beryllium	9-1	425420	424857	428044	426107	0.40	cps
Bismuth	209-1	2315134	2353704	2301328	2323389	1.17	cps
Bismuth	209-2	2219559	2132227	2151510	2167766	2.12	cps
Bromine	81-1	30381	29627	30148	30052	1.29	cps
Bromine	81-2	140	183	173	166	13.71	cps
Cadmium	108-1	51578	51923	52772	52091	1.18	cps
Cadmium	106-1	75683	75230	75030	75314	0.44	cps
Cadmium	111-1	794566	796495	793157	794739	0.21	cps
Calcium	43-1	4160113	4224168	4246105	4210128	1.06	cps
Calcium	44-1	68953392	69566437	69676962	69398931	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1337939	1326065	1346607	1336870	0.77	cps
Cobalt	59-2	2127810	2117706	2113954	2119823	0.34	cps
Copper	63-2	15757237	15292714	15481764	15510572	1.51	cps
Dysprosium	156-1	103	103	90	99	7.79	cps
Dysprosium	156-2	290	260	263	271	6.07	cps
Erbium	164-1	160	153	150	154	3.30	cps
Erbium	164-2	123	107	117	116	7.26	cps
Gadolinium	160-1	137	87	127	117	22.68	cps
Gadolinium	160-2	200	230	187	206	10.80	cps
Holmium	165-1	4130742	4163740	4126282	4140255	0.49	cps
Holmium	165-2	3355183	3333642	3328057	3338961	0.43	cps
Indium	115-1	3416618	3465702	3377113	3419811	1.30	cps
Indium	115-2	1312895	1308557	1299447	1306966	0.53	cps
Iron	56-2	309068395	309998462	311632875	310233244	0.42	cps
Iron	57-2	7635749	7716176	7731403	7694443	0.67	cps
Iron	54-2	16837185	17017064	16636404	16830218	1.13	cps
Krypton	83-1	390	370	510	423	17.89	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:49:55 DataFile Name : 027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10320920	10506979	10366688	10398196	0.93	cps
Lead	207-1	9034620	9250965	9212724	9166103	1.26	cps
Lead	208-1	41332251	42226507	41597462	41718740	1.10	cps
Lithium	6-1	513491	514282	515288	514354	0.18	cps
Magnesium	24-2	64558994	64335211	64523046	64472417	0.19	cps
Manganese	55-2	11959712	11930554	12021698	11970655	0.39	cps
Molybdenum	94-1	10946712	10993855	11000417	10980328	0.27	cps
Molybdenum	95-1	15558945	15544604	15398388	15500645	0.57	cps
Molybdenum	96-1	17060635	16975243	16979970	17005283	0.28	cps
Molybdenum	97-1	9542692	9592026	9692041	9608919	0.79	cps
Molybdenum	98-1	24349172	24629898	24483110	24487393	0.57	cps
Neodymium	150-1	207	180	187	191	7.26	cps
Neodymium	150-2	87	90	90	89	2.16	cps
Nickel	60-2	480746	477442	477810	478666	0.38	cps
Phosphorus	31-2	81231	80136	80956	80774	0.71	cps
Potassium	39-2	41769879	41504327	41378751	41550986	0.48	cps
Rhodium	103-1	3122870	3145924	3085078	3117957	0.99	cps
Rhodium	103-2	2063706	2069934	2062980	2065540	0.19	cps
Scandium	45-1	2073231	2106192	2077435	2085619	0.86	cps
Scandium	45-2	179632	181157	179035	179941	0.61	cps
Selenium	82-1	64939	65499	64563	65000	0.73	cps
Selenium	77-2	6942	7025	6995	6987	0.60	cps
Selenium	78-2	24727	24197	24073	24332	1.43	cps
Silicon	28-1	5314242	5356237	5381942	5350807	0.64	cps
Silver	107-1	3751109	3760782	3862506	3791466	1.63	cps
Silver	109-1	3658356	3656453	3648211	3654340	0.15	cps
Sodium	23-2	100307812	100880802	100020995	100403203	0.44	cps
Strontium	86-1	895953	910278	904897	903710	0.80	cps
Strontium	88-1	8909857	8958319	8820731	8896302	0.78	cps
Sulfur	34-1	357017	353904	357363	356095	0.53	cps
Terbium	159-1	4161002	4219417	4150562	4176994	0.89	cps
Terbium	159-2	3334607	3271310	3253979	3286632	1.29	cps
Thallium	203-1	2644146	2714799	2638482	2665809	1.60	cps
Thallium	205-1	6301588	6280339	6166658	6249528	1.16	cps
Tin	118-1	2465713	2493602	2506934	2488749	0.85	cps
Titanium	47-1	4013667	4017520	4051099	4027429	0.51	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:49:55 DataFile Name : 027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8259989	8183407	8198148	8213848	0.49	cps
Vanadium	51-2	1075745	1085605	1072004	1077785	0.65	cps
Yttrium	89-1	6107805	6122183	6101871	6110620	0.17	cps
Yttrium	89-2	1869792	1906358	1860021	1878724	1.30	cps
Zinc	66-2	2927415	2867580	2875528	2890175	1.12	cps
Zirconium	90-1	5351241	5451990	5435116	5412782	1.00	cps
Zirconium	91-1	1082114	1095616	1084211	1087314	0.67	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:56:04 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	927	850	937	904	5.24	cps
Antimony	121-1	377	307	330	338	10.55	cps
Arsenic	75-2	30	10	3	14	96.09	cps
Barium	135-1	270	193	157	207	27.98	cps
Barium	137-1	420	333	350	368	12.50	cps
Beryllium	9-1	112	141	110	121	14.25	cps
Bismuth	209-1	2485359	2525777	2463662	2491599	1.27	cps
Bismuth	209-2	2430666	2419121	2367050	2405612	1.41	cps
Bromine	81-1	30188	29964	30211	30121	0.45	cps
Bromine	81-2	243	210	143	199	25.60	cps
Cadmium	108-1	10	17	7	11	45.82	cps
Cadmium	106-1	1327	1340	1313	1327	1.01	cps
Cadmium	111-1	1303	1340	1293	1312	1.88	cps
Calcium	43-1	670	677	717	688	3.67	cps
Calcium	44-1	14681	13790	13326	13932	4.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	650	660	713	674	5.05	cps
Cobalt	59-2	327	333	357	339	4.65	cps
Copper	63-2	5855	5941	5798	5865	1.23	cps
Dysprosium	156-1	0	7	0	2	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	7	20	30	19	61.96	cps
Erbium	164-2	17	30	30	26	30.11	cps
Gadolinium	160-1	20	17	3	13	66.16	cps
Gadolinium	160-2	157	150	200	169	16.07	cps
Holmium	165-1	4107867	4138329	4110650	4118949	0.41	cps
Holmium	165-2	3414183	3443521	3372016	3409907	1.05	cps
Indium	115-1	3637962	3699339	3712289	3683197	1.08	cps
Indium	115-2	1392023	1381973	1383581	1385859	0.39	cps
Iron	56-2	46656	46058	45495	46070	1.26	cps
Iron	57-2	1820	1883	1753	1819	3.57	cps
Iron	54-2	4417	4157	4164	4246	3.49	cps
Krypton	83-1	363	390	397	383	4.60	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:56:04 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1357	1480	1340	1392	5.49	cps
Lead	207-1	1387	1237	1223	1282	7.07	cps
Lead	208-1	5777	5744	5544	5688	2.22	cps
Lithium	6-1	531779	541950	532344	535358	1.07	cps
Magnesium	24-2	4554	4757	4391	4567	4.02	cps
Manganese	55-2	1313	1390	1423	1376	4.10	cps
Molybdenum	94-1	787	643	653	694	11.52	cps
Molybdenum	95-1	997	923	813	911	10.13	cps
Molybdenum	96-1	1083	983	947	1004	7.04	cps
Molybdenum	97-1	720	503	513	579	21.13	cps
Molybdenum	98-1	1623	1397	1327	1449	10.70	cps
Neodymium	150-1	3	0	3	2	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	333	387	377	366	7.76	cps
Phosphorus	31-2	393	387	387	389	0.99	cps
Potassium	39-2	61828	61908	61487	61741	0.36	cps
Rhodium	103-1	3448856	3379377	3471085	3433106	1.39	cps
Rhodium	103-2	2279780	2186247	2220647	2228891	2.12	cps
Scandium	45-1	2117431	2147351	2069349	2111377	1.86	cps
Scandium	45-2	178653	180323	179611	179529	0.47	cps
Selenium	82-1	121	159	122	134	15.89	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	960	833	860	884	7.55	cps
Silicon	28-1	1526187	1495085	1499197	1506823	1.12	cps
Silver	107-1	257	317	213	262	19.79	cps
Silver	109-1	253	247	183	228	16.96	cps
Sodium	23-2	28677	29017	28520	28738	0.89	cps
Strontium	86-1	713	687	637	679	5.73	cps
Strontium	88-1	547	513	553	538	3.98	cps
Sulfur	34-1	121397	122559	121992	121983	0.48	cps
Terbium	159-1	4287465	4262510	4241105	4263693	0.54	cps
Terbium	159-2	3358942	3370885	3377118	3368982	0.27	cps
Thallium	203-1	1037	970	870	959	8.75	cps
Thallium	205-1	2240	2027	2054	2107	5.52	cps
Tin	118-1	1083	1103	1090	1092	0.93	cps
Titanium	47-1	270	267	200	246	16.08	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:56:04 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	927	733	590	750	22.53	cps
Vanadium	51-2	90	87	77	84	8.22	cps
Yttrium	89-1	6325779	6329480	6269570	6308276	0.53	cps
Yttrium	89-2	1896960	1928978	1873475	1899804	1.47	cps
Zinc	66-2	570	480	470	507	10.87	cps
Zirconium	90-1	590	523	537	550	6.41	cps
Zirconium	91-1	173	127	100	133	27.84	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:59:22 DataFile Name : 030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3534	3917	3610	3687	5.50	cps
Antimony	121-1	11104	11415	11358	11292	1.46	cps
Arsenic	75-2	450	413	473	446	6.79	cps
Barium	135-1	14384	14144	14541	14356	1.39	cps
Barium	137-1	24812	24865	25460	25045	1.44	cps
Beryllium	9-1	1027	972	1036	1012	3.42	cps
Bismuth	209-1	2552667	2508816	2536826	2532770	0.88	cps
Bismuth	209-2	2376910	2345593	2366430	2362977	0.67	cps
Bromine	81-1	30836	30448	29967	30417	1.43	cps
Bromine	81-2	160	213	220	198	16.63	cps
Cadmium	108-1	170	113	127	137	21.68	cps
Cadmium	106-1	1663	1677	1537	1626	4.75	cps
Cadmium	111-1	3198	3283	3059	3180	3.55	cps
Calcium	43-1	9113	9363	8933	9136	2.37	cps
Calcium	44-1	154549	155337	155107	154998	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5895	5935	5781	5870	1.36	cps
Cobalt	59-2	4841	4724	4561	4709	2.99	cps
Copper	63-2	11248	11551	11441	11413	1.35	cps
Dysprosium	156-1	10	3	7	7	50.03	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	23	50	33	36	37.90	cps
Erbium	164-2	23	23	23	23	0.00	cps
Gadolinium	160-1	23	7	13	14	58.06	cps
Gadolinium	160-2	157	147	173	159	8.48	cps
Holmium	165-1	4147937	4026372	4145345	4106551	1.69	cps
Holmium	165-2	3484869	3367574	3331088	3394510	2.37	cps
Indium	115-1	3544860	3550022	3686374	3593752	2.23	cps
Indium	115-2	1387405	1379879	1382434	1383239	0.28	cps
Iron	56-2	167308	173465	171146	170640	1.82	cps
Iron	57-2	5041	5288	5384	5238	3.38	cps
Iron	54-2	11074	11821	11431	11442	3.27	cps
Krypton	83-1	337	447	367	383	14.83	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:59:22 DataFile Name : 030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5298	5298	5298	5298	0.00	cps
Lead	207-1	4581	4431	4718	4576	3.13	cps
Lead	208-1	21347	20997	21097	21147	0.85	cps
Lithium	6-1	539920	538672	539775	539456	0.13	cps
Magnesium	24-2	124510	126070	124597	125059	0.70	cps
Manganese	55-2	3577	3660	3617	3618	1.15	cps
Molybdenum	94-1	12409	12692	12799	12633	1.60	cps
Molybdenum	95-1	15498	15398	15331	15409	0.54	cps
Molybdenum	96-1	17214	17103	17037	17118	0.52	cps
Molybdenum	97-1	9843	9226	9540	9537	3.24	cps
Molybdenum	98-1	24754	24277	25138	24723	1.75	cps
Neodymium	150-1	3	7	10	7	50.03	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1453	1527	1503	1495	2.51	cps
Phosphorus	31-2	590	673	667	643	7.20	cps
Potassium	39-2	223964	226051	224374	224796	0.49	cps
Rhodium	103-1	3450382	3390150	3416818	3419117	0.88	cps
Rhodium	103-2	2217944	2199704	2233619	2217089	0.77	cps
Scandium	45-1	2114040	2146917	2086124	2115694	1.44	cps
Scandium	45-2	178960	178429	176918	178102	0.59	cps
Selenium	82-1	846	717	837	800	9.00	cps
Selenium	77-2	123	87	77	96	25.71	cps
Selenium	78-2	1213	1053	1070	1112	7.91	cps
Silicon	28-1	1477292	1517107	1522989	1505796	1.65	cps
Silver	107-1	8202	8139	7826	8056	2.51	cps
Silver	109-1	7635	7595	7499	7576	0.93	cps
Sodium	23-2	217333	216768	217571	217224	0.19	cps
Strontium	86-1	2557	2634	2697	2629	2.67	cps
Strontium	88-1	17627	17961	17964	17851	1.08	cps
Sulfur	34-1	123403	125439	126404	125082	1.22	cps
Terbium	159-1	4396146	4137193	4242888	4258743	3.06	cps
Terbium	159-2	3328787	3338419	3370040	3345748	0.65	cps
Thallium	203-1	6011	5808	5635	5818	3.24	cps
Thallium	205-1	13644	14211	13714	13856	2.23	cps
Tin	118-1	25930	25389	25139	25486	1.59	cps
Titanium	47-1	4081	4054	3957	4031	1.61	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-03-20 17:59:22 DataFile Name : 030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15666	15956	15482	15702	1.52	cps
Vanadium	51-2	11168	11154	11291	11204	0.67	cps
Yttrium	89-1	6393139	6155505	6187913	6245519	2.06	cps
Yttrium	89-2	1920164	1913203	1926087	1919818	0.34	cps
Zinc	66-2	3410	3300	3350	3354	1.64	cps
Zirconium	90-1	10617	10944	10437	10666	2.41	cps
Zirconium	91-1	2384	2387	2244	2338	3.50	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : PB167152BL Instrumnet Name : P7
Client Sample ID : PB167152BL Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:02:42 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	793	767	850	803	5.30	cps
Antimony	121-1	150	203	197	183	15.85	cps
Arsenic	75-2	13	23	20	19	26.96	cps
Barium	135-1	160	213	163	179	16.70	cps
Barium	137-1	310	280	327	306	7.74	cps
Beryllium	9-1	110	91	100	100	9.72	cps
Bismuth	209-1	2445181	2458329	2423436	2442315	0.72	cps
Bismuth	209-2	2376888	2289592	2322308	2329596	1.89	cps
Bromine	81-1	29112	28935	29035	29028	0.31	cps
Bromine	81-2	193	187	213	198	7.02	cps
Cadmium	108-1	13	17	3	11	62.48	cps
Cadmium	106-1	1393	1287	1303	1328	4.32	cps
Cadmium	111-1	1346	1301	1295	1314	2.13	cps
Calcium	43-1	623	623	580	609	4.11	cps
Calcium	44-1	12996	13770	13109	13292	3.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	677	610	520	602	13.06	cps
Cobalt	59-2	313	280	337	310	9.19	cps
Copper	63-2	4901	4924	4834	4886	0.96	cps
Dysprosium	156-1	7	20	10	12	56.76	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	37	17	20	24	43.83	cps
Erbium	164-2	20	27	20	22	17.33	cps
Gadolinium	160-1	13	23	20	19	26.96	cps
Gadolinium	160-2	140	157	160	152	7.04	cps
Holmium	165-1	4072886	3967773	4054891	4031850	1.39	cps
Holmium	165-2	3283030	3287529	3293724	3288094	0.16	cps
Indium	115-1	3586254	3606592	3546622	3579823	0.85	cps
Indium	115-2	1367477	1353994	1348961	1356811	0.71	cps
Iron	56-2	40321	39669	39692	39894	0.93	cps
Iron	57-2	1687	1810	1800	1766	3.88	cps
Iron	54-2	3781	4167	3894	3947	5.04	cps
Krypton	83-1	443	333	337	371	16.86	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : PB167152BL Instrumnet Name : P7
Client Sample ID : PB167152BL Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:02:42 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1167	1210	1203	1193	1.96	cps
Lead	207-1	930	1023	1037	997	5.83	cps
Lead	208-1	4514	4967	4784	4755	4.80	cps
Lithium	6-1	535470	529578	530792	531947	0.58	cps
Magnesium	24-2	3861	4007	3887	3918	1.99	cps
Manganese	55-2	1223	1067	1293	1195	9.72	cps
Molybdenum	94-1	543	540	597	560	5.68	cps
Molybdenum	95-1	517	633	587	579	10.14	cps
Molybdenum	96-1	673	800	773	749	8.92	cps
Molybdenum	97-1	430	433	293	386	20.72	cps
Molybdenum	98-1	873	997	1000	957	7.55	cps
Neodymium	150-1	0	0	3	1	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	307	340	327	324	5.17	cps
Phosphorus	31-2	320	373	347	347	7.69	cps
Potassium	39-2	60114	60536	60068	60240	0.43	cps
Rhodium	103-1	3397028	3331392	3327093	3351838	1.17	cps
Rhodium	103-2	2237058	2161148	2153695	2183967	2.11	cps
Scandium	45-1	2103908	2087638	2088044	2093196	0.44	cps
Scandium	45-2	175922	175279	175646	175616	0.18	cps
Selenium	82-1	85	173	196	152	38.48	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	840	893	803	846	5.35	cps
Silicon	28-1	1476039	1505688	1502136	1494621	1.08	cps
Silver	107-1	133	173	173	160	14.43	cps
Silver	109-1	150	133	110	131	15.32	cps
Sodium	23-2	26209	26122	26319	26217	0.38	cps
Strontium	86-1	593	660	563	606	8.17	cps
Strontium	88-1	413	310	433	386	17.17	cps
Sulfur	34-1	123373	123793	124744	123970	0.57	cps
Terbium	159-1	4189430	4178709	4201053	4189731	0.27	cps
Terbium	159-2	3344390	3335659	3183171	3287740	2.76	cps
Thallium	203-1	840	807	797	814	2.79	cps
Thallium	205-1	1853	1903	1920	1892	1.83	cps
Tin	118-1	1033	1010	920	988	6.06	cps
Titanium	47-1	190	180	193	188	3.70	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : PB167152BL Instrumnet Name : P7
Client Sample ID : PB167152BL Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:02:42 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	610	687	617	638	6.66	cps
Vanadium	51-2	67	80	70	72	9.61	cps
Yttrium	89-1	6099687	6076375	6184506	6120189	0.93	cps
Yttrium	89-2	1904595	1865047	1812434	1860692	2.48	cps
Zinc	66-2	503	630	480	538	15.01	cps
Zirconium	90-1	483	457	447	462	4.10	cps
Zirconium	91-1	87	90	103	93	9.45	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : PB167152BS Instrumnet Name : P7
Client Sample ID : PB167152BS Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:08:57 DataFile Name : 033LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1418398	1446558	1472714	1445890	1.88	cps
Antimony	121-1	2772493	2847052	2804098	2807881	1.33	cps
Arsenic	75-2	171162	170545	170849	170852	0.18	cps
Barium	135-1	3689514	3658284	3660679	3669492	0.47	cps
Barium	137-1	6174604	6274633	6362613	6270617	1.50	cps
Beryllium	9-1	416365	416617	422957	418647	0.89	cps
Bismuth	209-1	2508574	2437481	2413440	2453165	2.02	cps
Bismuth	209-2	2313941	2331122	2302768	2315944	0.62	cps
Bromine	81-1	28748	28591	28447	28596	0.53	cps
Bromine	81-2	217	203	217	212	3.63	cps
Cadmium	108-1	53288	53625	54198	53704	0.86	cps
Cadmium	106-1	75341	75565	77275	76060	1.39	cps
Cadmium	111-1	809393	814720	809704	811272	0.37	cps
Calcium	43-1	776222	776394	787816	780144	0.85	cps
Calcium	44-1	13513754	13635826	13713835	13621138	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1310300	1287618	1290873	1296264	0.95	cps
Cobalt	59-2	2080317	2072212	2128287	2093605	1.45	cps
Copper	63-2	15584566	15904331	15603575	15697491	1.14	cps
Dysprosium	156-1	50	90	80	73	28.39	cps
Dysprosium	156-2	163	173	183	173	5.77	cps
Erbium	164-1	70	50	57	59	17.29	cps
Erbium	164-2	33	43	60	46	29.58	cps
Gadolinium	160-1	43	30	27	33	26.45	cps
Gadolinium	160-2	127	190	180	166	20.56	cps
Holmium	165-1	4139740	4086287	4029480	4085169	1.35	cps
Holmium	165-2	3342087	3299138	3354974	3332066	0.88	cps
Indium	115-1	3452265	3490487	3474605	3472452	0.55	cps
Indium	115-2	1346058	1338095	1340636	1341596	0.30	cps
Iron	56-2	62343931	62079134	62313652	62245572	0.23	cps
Iron	57-2	1550963	1534348	1545133	1543481	0.55	cps
Iron	54-2	3440329	3459786	3393533	3431216	0.99	cps
Krypton	83-1	380	337	353	357	6.13	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : PB167152BS Instrumnet Name : P7
Client Sample ID : PB167152BS Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:08:57 DataFile Name : 033LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10539900	10603048	10525800	10556249	0.39	cps
Lead	207-1	9302574	9152300	9333405	9262760	1.05	cps
Lead	208-1	42449092	41835919	42386195	42223735	0.80	cps
Lithium	6-1	533414	525145	531513	530024	0.82	cps
Magnesium	24-2	12567344	12611627	12732843	12637271	0.68	cps
Manganese	55-2	11626322	12016977	11816921	11820074	1.65	cps
Molybdenum	94-1	10350036	10428179	10662919	10480378	1.55	cps
Molybdenum	95-1	14947254	15145392	15099140	15063929	0.69	cps
Molybdenum	96-1	16256956	16367211	16532497	16385555	0.85	cps
Molybdenum	97-1	9291686	9350294	9338444	9326808	0.33	cps
Molybdenum	98-1	24010435	23720425	23987855	23906238	0.67	cps
Neodymium	150-1	140	170	140	150	11.55	cps
Neodymium	150-2	37	43	37	39	9.89	cps
Nickel	60-2	486495	484378	481508	484127	0.52	cps
Phosphorus	31-2	78146	78226	78896	78422	0.53	cps
Potassium	39-2	8386401	8133710	8246411	8255507	1.53	cps
Rhodium	103-1	3340813	3331357	3322233	3331468	0.28	cps
Rhodium	103-2	2167193	2157000	2170334	2164842	0.32	cps
Scandium	45-1	2056821	2076749	2117431	2083667	1.48	cps
Scandium	45-2	178458	179938	178415	178937	0.48	cps
Selenium	82-1	66944	67453	67835	67411	0.66	cps
Selenium	77-2	7248	7319	7612	7393	2.61	cps
Selenium	78-2	25192	24914	25368	25158	0.91	cps
Silicon	28-1	6138053	6373509	6381802	6297788	2.20	cps
Silver	107-1	4015508	3883769	3998999	3966092	1.81	cps
Silver	109-1	3831181	3778217	3877030	3828810	1.29	cps
Sodium	23-2	20008381	20387841	20021494	20139239	1.07	cps
Strontium	86-1	873606	880575	877226	877136	0.40	cps
Strontium	88-1	8577997	8597926	8616109	8597344	0.22	cps
Sulfur	34-1	333560	334468	335592	334540	0.30	cps
Terbium	159-1	4220525	4169189	4224374	4204696	0.73	cps
Terbium	159-2	3282257	3422146	3335884	3346762	2.11	cps
Thallium	203-1	2591092	2666885	2632444	2630140	1.44	cps
Thallium	205-1	6268227	6332811	6318708	6306582	0.54	cps
Tin	118-1	2420473	2458269	2425403	2434715	0.84	cps
Titanium	47-1	3823476	3915341	3961189	3900002	1.80	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : PB167152BS Instrumnet Name : P7
Client Sample ID : PB167152BS Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:08:57 DataFile Name : 033LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7938200	7858616	7930367	7909061	0.55	cps
Vanadium	51-2	1048961	1052296	1043838	1048365	0.41	cps
Yttrium	89-1	6126341	6156695	6148185	6143740	0.25	cps
Yttrium	89-2	1922288	1868266	1872741	1887765	1.59	cps
Zinc	66-2	3012868	3054140	2951002	3006003	1.73	cps
Zirconium	90-1	5206972	5227173	5339863	5258003	1.36	cps
Zirconium	91-1	1046454	1046056	1048072	1046860	0.10	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-01DLX5 Instrumnet Name : P7
Client Sample ID : 437DL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:12:43 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100034	96985	98930	98650	1.57	cps
Antimony	121-1	1333	1483	1477	1431	5.92	cps
Arsenic	75-2	150	163	140	151	7.75	cps
Barium	135-1	61144	62787	62239	62057	1.35	cps
Barium	137-1	105498	108050	106300	106616	1.22	cps
Beryllium	9-1	113	153	143	136	15.21	cps
Bismuth	209-1	2288175	2293530	2282686	2288130	0.24	cps
Bismuth	209-2	2193430	2132450	2178163	2168015	1.46	cps
Bromine	81-1	32663	34443	34744	33950	3.31	cps
Bromine	81-2	1320	1270	1350	1313	3.08	cps
Cadmium	108-1	33	30	20	28	24.98	cps
Cadmium	106-1	1383	1260	1320	1321	4.67	cps
Cadmium	111-1	1438	1334	1430	1401	4.11	cps
Calcium	43-1	268444	272701	266578	269241	1.17	cps
Calcium	44-1	4623505	4703553	4677955	4668338	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11101	11691	11134	11309	2.93	cps
Cobalt	59-2	3954	3924	4034	3971	1.43	cps
Copper	63-2	29122	29710	29750	29527	1.19	cps
Dysprosium	156-1	353	377	337	356	5.65	cps
Dysprosium	156-2	353	363	423	380	9.96	cps
Erbium	164-1	360	397	477	411	14.51	cps
Erbium	164-2	290	353	277	307	13.36	cps
Gadolinium	160-1	457	327	420	401	16.71	cps
Gadolinium	160-2	507	463	487	486	4.47	cps
Holmium	165-1	4034493	4059027	4034646	4042722	0.35	cps
Holmium	165-2	3362389	3320412	3333604	3338802	0.64	cps
Indium	115-1	3477478	3491641	3418622	3462581	1.12	cps
Indium	115-2	1322162	1320788	1324140	1322363	0.13	cps
Iron	56-2	120676798	119668075	117914355	119419743	1.17	cps
Iron	57-2	2990559	2920728	2902481	2937923	1.58	cps
Iron	54-2	6617031	6653649	6592477	6621052	0.46	cps
Krypton	83-1	427	480	407	438	8.66	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-01DLX5 Instrumnet Name : P7
Client Sample ID : 437DL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:12:43 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6228	6161	5695	6028	4.82	cps
Lead	207-1	5108	5184	5174	5155	0.81	cps
Lead	208-1	23842	23915	23582	23780	0.74	cps
Lithium	6-1	519098	524933	521552	521861	0.56	cps
Magnesium	24-2	204047	196457	202503	201002	2.00	cps
Manganese	55-2	526603	520365	529018	525328	0.85	cps
Molybdenum	94-1	6605	6845	6295	6582	4.19	cps
Molybdenum	95-1	6975	7275	7205	7152	2.20	cps
Molybdenum	96-1	10841	10904	10554	10766	1.73	cps
Molybdenum	97-1	4364	4511	4507	4461	1.88	cps
Molybdenum	98-1	11451	11261	11334	11349	0.85	cps
Neodymium	150-1	483	537	530	517	5.62	cps
Neodymium	150-2	437	360	377	391	10.31	cps
Nickel	60-2	3370	3254	3170	3265	3.08	cps
Phosphorus	31-2	477	573	500	517	9.76	cps
Potassium	39-2	1004460	994764	1004122	1001115	0.55	cps
Rhodium	103-1	3132221	3198524	3163627	3164790	1.05	cps
Rhodium	103-2	2068046	2027453	2050853	2048784	0.99	cps
Scandium	45-1	2085283	2094729	2052210	2077407	1.07	cps
Scandium	45-2	176385	174938	176455	175926	0.49	cps
Selenium	82-1	3027	2980	2973	2993	0.99	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	710	837	823	790	8.81	cps
Silicon	28-1	5386355	5470826	5449162	5435447	0.81	cps
Silver	107-1	497	573	587	552	8.80	cps
Silver	109-1	467	450	440	452	2.98	cps
Sodium	23-2	317147262	311542555	312950415	313880078	0.93	cps
Strontium	86-1	296468	300429	296191	297696	0.80	cps
Strontium	88-1	2925711	2949112	2920192	2931672	0.52	cps
Sulfur	34-1	156849	162887	163514	161083	2.28	cps
Terbium	159-1	4179591	4149510	4212207	4180436	0.75	cps
Terbium	159-2	3343320	3346775	3280473	3323523	1.12	cps
Thallium	203-1	1020	1000	1147	1056	7.54	cps
Thallium	205-1	2330	2244	2450	2341	4.43	cps
Tin	118-1	12626	12362	10901	11963	7.77	cps
Titanium	47-1	26747	28126	27388	27421	2.52	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-01DLX5 Instrumnet Name : P7
Client Sample ID : 437DL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:12:43 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1070	1047	1053	1057	1.14	cps
Vanadium	51-2	4134	3994	4227	4118	2.85	cps
Yttrium	89-1	6097551	6088943	6028219	6071571	0.62	cps
Yttrium	89-2	1879038	1887494	1900292	1888941	0.57	cps
Zinc	66-2	123543	122286	123325	123051	0.55	cps
Zirconium	90-1	6595	6448	6898	6647	3.45	cps
Zirconium	91-1	1357	1437	1503	1432	5.13	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-02DLX5 Instrumnet Name : P7
Client Sample ID : FERNOT-WATERDL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:15:59 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13209	13359	12635	13068	2.92	cps
Antimony	121-1	1497	1720	1447	1555	9.36	cps
Arsenic	75-2	70	43	13	42	67.15	cps
Barium	135-1	17838	18379	18622	18280	2.20	cps
Barium	137-1	31535	31702	33105	32114	2.69	cps
Beryllium	9-1	128	104	105	112	11.79	cps
Bismuth	209-1	2571323	2514841	2461706	2515956	2.18	cps
Bismuth	209-2	2377258	2346824	2329753	2351278	1.02	cps
Bromine	81-1	37618	40583	41087	39763	4.71	cps
Bromine	81-2	2607	2540	2754	2634	4.14	cps
Cadmium	108-1	23	27	40	30	29.40	cps
Cadmium	106-1	1533	1477	1513	1508	1.91	cps
Cadmium	111-1	1730	1667	1726	1708	2.07	cps
Calcium	43-1	67858	70382	69659	69300	1.88	cps
Calcium	44-1	1165901	1207167	1224353	1199140	2.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1167	1130	1070	1122	4.35	cps
Cobalt	59-2	1767	1697	1647	1703	3.54	cps
Copper	63-2	16723	17133	16479	16778	1.97	cps
Dysprosium	156-1	23	7	10	13	66.12	cps
Dysprosium	156-2	3	0	20	8	137.80	cps
Erbium	164-1	40	57	30	42	31.91	cps
Erbium	164-2	27	27	17	23	24.74	cps
Gadolinium	160-1	10	37	23	23	57.15	cps
Gadolinium	160-2	167	183	143	164	12.22	cps
Holmium	165-1	4350653	4261667	4188694	4267005	1.90	cps
Holmium	165-2	3540628	3468151	3436277	3481685	1.54	cps
Indium	115-1	3854391	3745025	3697438	3765618	2.14	cps
Indium	115-2	1422401	1407642	1404211	1411418	0.68	cps
Iron	56-2	1877446	1859631	1856978	1864685	0.60	cps
Iron	57-2	45459	45031	45204	45231	0.48	cps
Iron	54-2	97238	98517	96186	97313	1.20	cps
Krypton	83-1	360	383	357	367	3.96	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-02DLX5 Instrumnet Name : P7
Client Sample ID : FERNOT-WATERDL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:15:59 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6212	6161	6395	6256	1.96	cps
Lead	207-1	5514	5288	5611	5471	3.03	cps
Lead	208-1	24812	25056	25293	25054	0.96	cps
Lithium	6-1	574048	563251	543804	560368	2.74	cps
Magnesium	24-2	45768	44234	45016	45006	1.70	cps
Manganese	55-2	163033	162865	161362	162420	0.57	cps
Molybdenum	94-1	687	733	970	797	19.07	cps
Molybdenum	95-1	833	877	1247	986	23.05	cps
Molybdenum	96-1	1060	1107	1373	1180	14.33	cps
Molybdenum	97-1	633	570	813	672	18.78	cps
Molybdenum	98-1	1527	1513	1713	1585	7.06	cps
Neodymium	150-1	33	57	63	51	30.82	cps
Neodymium	150-2	30	37	40	36	14.32	cps
Nickel	60-2	1577	1553	1590	1573	1.18	cps
Phosphorus	31-2	447	443	397	429	6.52	cps
Potassium	39-2	520307	519763	519571	519880	0.07	cps
Rhodium	103-1	3672239	3464909	3505210	3547453	3.10	cps
Rhodium	103-2	2291482	2267094	2208880	2255819	1.88	cps
Scandium	45-1	2256674	2221752	2181041	2219822	1.71	cps
Scandium	45-2	186436	183750	184250	184812	0.77	cps
Selenium	82-1	574	583	591	583	1.47	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	857	963	843	888	7.41	cps
Silicon	28-1	2278505	2294411	2301556	2291491	0.51	cps
Silver	107-1	237	283	230	250	11.62	cps
Silver	109-1	213	213	220	216	1.78	cps
Sodium	23-2	60789811	61328497	62102211	61406840	1.07	cps
Strontium	86-1	50480	50868	51714	51020	1.24	cps
Strontium	88-1	437392	454042	448719	446718	1.90	cps
Sulfur	34-1	149846	149853	149146	149615	0.27	cps
Terbium	159-1	4469959	4373144	4480061	4441055	1.33	cps
Terbium	159-2	3387427	3421639	3462854	3423973	1.10	cps
Thallium	203-1	753	917	900	857	10.49	cps
Thallium	205-1	1870	2067	1820	1919	6.80	cps
Tin	118-1	2317	2327	2287	2310	0.90	cps
Titanium	47-1	533	457	510	500	7.86	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-02DLX5 Instrumnet Name : P7
Client Sample ID : FERNOT-WATERDL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:15:59 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	700	720	823	748	8.85	cps
Vanadium	51-2	370	257	337	321	18.14	cps
Yttrium	89-1	6754652	6495548	6343744	6531315	3.18	cps
Yttrium	89-2	2022948	1968140	1988339	1993142	1.39	cps
Zinc	66-2	67425	66611	66166	66734	0.96	cps
Zirconium	90-1	630	643	837	703	16.45	cps
Zirconium	91-1	130	137	180	149	18.23	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1577-03DLX5 Instrumnet Name : P7
Client Sample ID : MOO-25-0072DL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:22:38 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17580	17634	17557	17590	0.22	cps
Antimony	121-1	102217	102922	102062	102400	0.45	cps
Arsenic	75-2	10050	10280	10137	10156	1.14	cps
Barium	135-1	44386	44275	43587	44082	0.98	cps
Barium	137-1	74403	74256	75060	74573	0.57	cps
Beryllium	9-1	76	86	49	70	27.02	cps
Bismuth	209-1	1122004	1114960	1106432	1114465	0.70	cps
Bismuth	209-2	1061594	1040133	1027343	1043023	1.66	cps
Bromine	81-1	940676	1237377	1545126	1241060	24.35	cps
Bromine	81-2	306867	309122	314348	310113	1.24	cps
Cadmium	108-1	16817	16720	17060	16865	1.04	cps
Cadmium	106-1	693	643	740	692	6.98	cps
Cadmium	111-1	8688	8994	8838	8840	1.73	cps
Calcium	43-1	9603	9296	9313	9404	1.83	cps
Calcium	44-1	233575	242811	246271	240885	2.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8806	8783	8946	8845	1.00	cps
Cobalt	59-2	210	210	237	219	7.03	cps
Copper	63-2	109346	107429	107654	108143	0.97	cps
Dysprosium	156-1	50	70	40	53	28.64	cps
Dysprosium	156-2	27	60	43	43	38.46	cps
Erbium	164-1	77	30	50	52	44.83	cps
Erbium	164-2	37	47	53	46	18.41	cps
Gadolinium	160-1	20	57	40	39	47.21	cps
Gadolinium	160-2	97	137	127	120	17.35	cps
Holmium	165-1	2195905	2235962	2137515	2189794	2.26	cps
Holmium	165-2	1796332	1798732	1734009	1776358	2.07	cps
Indium	115-1	1855380	1847290	1872637	1858436	0.70	cps
Indium	115-2	730214	717131	713535	720293	1.22	cps
Iron	56-2	249905	248593	246812	248436	0.62	cps
Iron	57-2	6998	6858	7178	7012	2.29	cps
Iron	54-2	15385	15792	15098	15425	2.26	cps
Krypton	83-1	417	360	357	378	8.93	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1577-03DLX5 Instrumnet Name : P7
Client Sample ID : MOO-25-0072DL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:22:38 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9060	8736	9166	8987	2.49	cps
Lead	207-1	7652	7335	7612	7533	2.29	cps
Lead	208-1	35035	34925	35535	35165	0.92	cps
Lithium	6-1	320226	315582	320248	318685	0.84	cps
Magnesium	24-2	73206	73351	72852	73136	0.35	cps
Manganese	55-2	55234	54726	53662	54541	1.47	cps
Molybdenum	94-1	83866007	83878892	85581535	84442145	1.17	cps
Molybdenum	95-1	148836371	148069658	150340934	149082321	0.78	cps
Molybdenum	96-1	160490378	161614571	160739794	160948248	0.37	cps
Molybdenum	97-1	91880412	92856005	92771845	92502754	0.58	cps
Molybdenum	98-1	239367203	238463136	238356310	238728883	0.23	cps
Neodymium	150-1	43	67	37	49	32.22	cps
Neodymium	150-2	40	37	40	39	4.94	cps
Nickel	60-2	997	1017	920	978	5.22	cps
Phosphorus	31-2	20727	20814	20647	20730	0.40	cps
Potassium	39-2	240694096	238289463	236863803	238615788	0.81	cps
Rhodium	103-1	1725675	1735359	1760318	1740451	1.03	cps
Rhodium	103-2	1028870	1023424	1002263	1018185	1.38	cps
Scandium	45-1	1020692	1023345	1024159	1022732	0.18	cps
Scandium	45-2	98273	97071	95901	97082	1.22	cps
Selenium	82-1	10630	13020	13945	12532	13.65	cps
Selenium	77-2	1667	1713	1657	1679	1.80	cps
Selenium	78-2	6405	6251	6181	6279	1.82	cps
Silicon	28-1	26705610	28742430	30727114	28725051	7.00	cps
Silver	107-1	520	593	530	548	7.26	cps
Silver	109-1	667	650	660	659	1.27	cps
Sodium	23-2	211828277	217467030	208106204	212467170	2.22	cps
Strontium	86-1	13937	13887	14297	14040	1.59	cps
Strontium	88-1	116897	119588	120005	118830	1.42	cps
Sulfur	34-1	180439	184236	183686	182787	1.12	cps
Terbium	159-1	2264217	2238594	2226333	2243048	0.86	cps
Terbium	159-2	1787845	1776191	1694666	1752901	2.90	cps
Thallium	203-1	1663	1520	1513	1566	5.41	cps
Thallium	205-1	3744	3704	3414	3621	4.98	cps
Tin	118-1	10240	10057	10247	10181	1.06	cps
Titanium	47-1	3464	3700	3450	3538	3.98	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1577-03DLX5 Instrumnet Name : P7
Client Sample ID : MOO-25-0072DL Dilution Factor : 5
Date & Time Acquired : 2025-03-20 18:22:38 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	483	397	403	428	11.27	cps
Vanadium	51-2	1520	1473	1587	1527	3.73	cps
Yttrium	89-1	3355278	3320766	3364521	3346855	0.69	cps
Yttrium	89-2	933973	915548	913691	921071	1.22	cps
Zinc	66-2	111765	110458	110341	110855	0.71	cps
Zirconium	90-1	5561	5464	5654	5560	1.71	cps
Zirconium	91-1	1173	1107	1277	1186	7.23	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1577-03DL2X50 Instrumnet Name : P7
Client Sample ID : MOO-25-0072DL2 Dilution Factor : 50
Date & Time Acquired : 2025-03-20 18:29:58 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1747	1863	1870	1827	3.80	cps
Antimony	121-1	10407	10130	10384	10307	1.49	cps
Arsenic	75-2	797	783	747	776	3.34	cps
Barium	135-1	4514	4501	4631	4549	1.57	cps
Barium	137-1	7922	7836	8132	7963	1.92	cps
Beryllium	9-1	65	109	75	83	27.35	cps
Bismuth	209-1	2284783	2254793	2191650	2243742	2.12	cps
Bismuth	209-2	2071946	2072444	2125172	2089854	1.46	cps
Bromine	81-1	114410	130675	140848	128644	10.37	cps
Bromine	81-2	26167	26905	27325	26799	2.19	cps
Cadmium	108-1	1670	1740	1643	1685	2.96	cps
Cadmium	106-1	1063	1120	953	1046	8.11	cps
Cadmium	111-1	1830	1912	1820	1854	2.72	cps
Calcium	43-1	1393	1257	1393	1348	5.85	cps
Calcium	44-1	34399	35612	35348	35120	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1633	1543	1573	1583	2.89	cps
Cobalt	59-2	153	93	123	123	24.33	cps
Copper	63-2	15308	14344	15108	14920	3.41	cps
Dysprosium	156-1	7	13	7	9	43.25	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	33	47	40	40	16.68	cps
Erbium	164-2	17	23	20	20	16.65	cps
Gadolinium	160-1	27	17	17	20	28.86	cps
Gadolinium	160-2	110	140	160	137	18.41	cps
Holmium	165-1	3701939	3717914	3731658	3717171	0.40	cps
Holmium	165-2	3016567	3049985	2989307	3018620	1.01	cps
Indium	115-1	3317442	3289978	3254841	3287420	0.95	cps
Indium	115-2	1240273	1245328	1246770	1244124	0.27	cps
Iron	56-2	47374	48220	47789	47795	0.89	cps
Iron	57-2	2057	2030	1750	1946	8.73	cps
Iron	54-2	4511	4324	4474	4436	2.23	cps
Krypton	83-1	433	460	457	450	3.23	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1577-03DL2X50 Instrumnet Name : P7
Client Sample ID : MOO-25-0072DL2 Dilution Factor : 50
Date & Time Acquired : 2025-03-20 18:29:58 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1670	1610	1830	1703	6.68	cps
Lead	207-1	1437	1480	1460	1459	1.49	cps
Lead	208-1	6797	6661	6947	6802	2.11	cps
Lithium	6-1	502395	497463	497785	499214	0.55	cps
Magnesium	24-2	8292	8379	8226	8299	0.93	cps
Manganese	55-2	5054	5168	4904	5042	2.62	cps
Molybdenum	94-1	8645664	8617815	8552764	8605414	0.55	cps
Molybdenum	95-1	14897019	15096206	15180582	15057936	0.97	cps
Molybdenum	96-1	15938038	16412771	16230319	16193709	1.48	cps
Molybdenum	97-1	9327645	9496328	9269497	9364490	1.26	cps
Molybdenum	98-1	24150634	24310241	24248087	24236321	0.33	cps
Neodymium	150-1	0	10	7	6	91.64	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	563	590	473	542	11.27	cps
Phosphorus	31-2	2374	2170	2040	2195	7.66	cps
Potassium	39-2	24182589	24319840	24288065	24263498	0.30	cps
Rhodium	103-1	3125115	3070270	3113974	3103120	0.93	cps
Rhodium	103-2	2011286	2005882	2026458	2014542	0.53	cps
Scandium	45-1	1945830	1942551	1931928	1940103	0.37	cps
Scandium	45-2	163434	164135	164219	163930	0.26	cps
Selenium	82-1	1561	1597	1739	1632	5.77	cps
Selenium	77-2	213	207	227	216	4.72	cps
Selenium	78-2	1517	1440	1630	1529	6.25	cps
Silicon	28-1	4121614	4243815	4169890	4178440	1.47	cps
Silver	107-1	110	87	110	102	13.18	cps
Silver	109-1	130	80	137	116	26.80	cps
Sodium	23-2	21800821	21681420	22087914	21856718	0.96	cps
Strontium	86-1	2084	2094	1943	2040	4.11	cps
Strontium	88-1	12215	12392	12619	12409	1.63	cps
Sulfur	34-1	105884	106977	104692	105851	1.08	cps
Terbium	159-1	3977344	3905165	3938682	3940397	0.92	cps
Terbium	159-2	2969658	2983834	3048333	3000608	1.40	cps
Thallium	203-1	690	707	620	672	6.84	cps
Thallium	205-1	1710	1587	1580	1626	4.50	cps
Tin	118-1	1343	1207	1383	1311	7.07	cps
Titanium	47-1	433	387	383	401	6.97	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1577-03DL2X50 Instrumnet Name : P7
Client Sample ID : MOO-25-0072DL2 Dilution Factor : 50
Date & Time Acquired : 2025-03-20 18:29:58 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	343	363	343	350	3.30	cps
Vanadium	51-2	207	197	240	214	10.58	cps
Yttrium	89-1	5783526	5747727	5661000	5730751	1.10	cps
Yttrium	89-2	1727321	1741201	1745091	1737871	0.54	cps
Zinc	66-2	11848	12442	12312	12201	2.56	cps
Zirconium	90-1	843	843	870	852	1.81	cps
Zirconium	91-1	190	193	180	188	3.70	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-01DL2X50 Instrumnet Name : P7
Client Sample ID : 437DL2 Dilution Factor : 50
Date & Time Acquired : 2025-03-20 18:33:10 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17043	16489	16576	16703	1.78	cps
Antimony	121-1	31090	31665	31414	31390	0.92	cps
Arsenic	75-2	293	297	267	286	5.76	cps
Barium	135-1	8326	7989	7642	7986	4.28	cps
Barium	137-1	13463	13543	13600	13535	0.51	cps
Beryllium	9-1	322	321	337	327	2.83	cps
Bismuth	209-1	2447031	2535110	2541445	2507862	2.10	cps
Bismuth	209-2	2397147	2357034	2328042	2360741	1.47	cps
Bromine	81-1	54928	53239	51654	53274	3.07	cps
Bromine	81-2	4087	3937	3580	3868	6.73	cps
Cadmium	108-1	103	97	103	101	3.80	cps
Cadmium	106-1	1440	1470	1477	1462	1.34	cps
Cadmium	111-1	1869	1949	1920	1913	2.11	cps
Calcium	43-1	31613	31446	32134	31731	1.13	cps
Calcium	44-1	525690	523788	523150	524209	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5241	5314	5248	5268	0.77	cps
Cobalt	59-2	1870	1800	1890	1853	2.55	cps
Copper	63-2	14587	14454	14097	14379	1.76	cps
Dysprosium	156-1	60	83	40	61	35.49	cps
Dysprosium	156-2	50	47	37	44	15.61	cps
Erbium	164-1	100	47	70	72	37.02	cps
Erbium	164-2	57	50	50	52	7.37	cps
Gadolinium	160-1	60	77	67	68	12.38	cps
Gadolinium	160-2	190	170	130	163	18.70	cps
Holmium	165-1	4198416	4083943	4251202	4177853	2.05	cps
Holmium	165-2	3392051	3336749	3386103	3371635	0.90	cps
Indium	115-1	3669369	3722994	3702659	3698341	0.73	cps
Indium	115-2	1423970	1406386	1394553	1408303	1.05	cps
Iron	56-2	13075056	13299531	13137236	13170608	0.88	cps
Iron	57-2	308296	307191	307174	307554	0.21	cps
Iron	54-2	679920	684327	679807	681351	0.38	cps
Krypton	83-1	413	417	367	399	7.01	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-01DL2X50 Instrumnet Name : P7
Client Sample ID : 437DL2 Dilution Factor : 50
Date & Time Acquired : 2025-03-20 18:33:10 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	239158	240517	237469	239048	0.64	cps
Lead	207-1	202960	202848	200287	202032	0.75	cps
Lead	208-1	935754	934721	937483	935986	0.15	cps
Lithium	6-1	547563	563018	553145	554576	1.41	cps
Magnesium	24-2	27585	27645	28497	27909	1.83	cps
Manganese	55-2	64347	64230	64266	64281	0.09	cps
Molybdenum	94-1	6411	6358	5735	6168	6.10	cps
Molybdenum	95-1	10384	10007	8529	9640	10.17	cps
Molybdenum	96-1	10948	10624	9253	10275	8.76	cps
Molybdenum	97-1	6401	5901	5338	5880	9.05	cps
Molybdenum	98-1	16343	15789	13456	15196	10.08	cps
Neodymium	150-1	70	70	80	73	7.87	cps
Neodymium	150-2	40	33	43	39	13.09	cps
Nickel	60-2	45181	45128	44513	44941	0.83	cps
Phosphorus	31-2	927	993	987	969	3.79	cps
Potassium	39-2	208147	212013	210952	210371	0.95	cps
Rhodium	103-1	3441294	3462488	3385308	3429697	1.16	cps
Rhodium	103-2	2258971	2259445	2262129	2260182	0.08	cps
Scandium	45-1	2096494	2227343	2173768	2165868	3.04	cps
Scandium	45-2	184638	183724	182654	183672	0.54	cps
Selenium	82-1	1110	1163	1136	1136	2.33	cps
Selenium	77-2	87	87	80	84	4.56	cps
Selenium	78-2	1163	1180	1107	1150	3.34	cps
Silicon	28-1	2286531	2285931	2268440	2280301	0.45	cps
Silver	107-1	947	1003	900	950	5.45	cps
Silver	109-1	987	793	820	867	12.09	cps
Sodium	23-2	33902164	34891294	32920795	33904751	2.91	cps
Strontium	86-1	33264	32890	33060	33072	0.57	cps
Strontium	88-1	284980	284567	284549	284699	0.09	cps
Sulfur	34-1	110828	111684	113457	111990	1.20	cps
Terbium	159-1	4174202	4313058	4268970	4252077	1.67	cps
Terbium	159-2	3496090	3428455	3358473	3427672	2.01	cps
Thallium	203-1	1250	1237	1150	1212	4.48	cps
Thallium	205-1	2904	2854	3024	2927	2.99	cps
Tin	118-1	8126	8142	8049	8106	0.61	cps
Titanium	47-1	4147	3804	3907	3953	4.46	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : Q1563-01DL2X50 Instrumnet Name : P7
Client Sample ID : 437DL2 Dilution Factor : 50
Date & Time Acquired : 2025-03-20 18:33:10 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1960	1817	1780	1852	5.14	cps
Vanadium	51-2	1093	1230	1043	1122	8.61	cps
Yttrium	89-1	6309086	6444849	6454549	6402828	1.27	cps
Yttrium	89-2	1975004	1918576	1951030	1948203	1.45	cps
Zinc	66-2	534488	528915	532041	531815	0.53	cps
Zirconium	90-1	1553	1677	1643	1625	3.93	cps
Zirconium	91-1	383	340	330	351	8.07	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:36:28 DataFile Name : 040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7935059	7717266	7591749	7748025	2.24	cps
Antimony	121-1	2808725	2856105	2854575	2839801	0.95	cps
Arsenic	75-2	173586	171944	173173	172901	0.49	cps
Barium	135-1	3719750	3788088	3812869	3773569	1.28	cps
Barium	137-1	6423084	6460137	6545315	6476179	0.97	cps
Beryllium	9-1	437211	448974	445705	443963	1.37	cps
Bismuth	209-1	2452654	2361823	2333865	2382781	2.61	cps
Bismuth	209-2	2183103	2148889	2164672	2165555	0.79	cps
Bromine	81-1	39620	39754	39566	39647	0.24	cps
Bromine	81-2	1843	1697	1680	1740	5.17	cps
Cadmium	108-1	52153	54107	53515	53259	1.88	cps
Cadmium	106-1	74795	76390	77616	76267	1.85	cps
Cadmium	111-1	787849	806709	808706	801088	1.44	cps
Calcium	43-1	4263881	4369676	4307201	4313586	1.23	cps
Calcium	44-1	68921402	72081184	70666414	70556333	2.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1389479	1332267	1340500	1354082	2.28	cps
Cobalt	59-2	2180985	2124749	2167150	2157628	1.36	cps
Copper	63-2	15952578	15715071	15614291	15760647	1.10	cps
Dysprosium	156-1	130	143	93	122	21.19	cps
Dysprosium	156-2	247	300	257	268	10.59	cps
Erbium	164-1	120	120	143	128	10.55	cps
Erbium	164-2	100	120	90	103	14.78	cps
Gadolinium	160-1	100	117	103	107	8.27	cps
Gadolinium	160-2	197	290	203	230	22.64	cps
Holmium	165-1	4314414	4132382	4107409	4184735	2.70	cps
Holmium	165-2	3407092	3331640	3332746	3357159	1.29	cps
Indium	115-1	3537253	3466625	3392739	3465539	2.09	cps
Indium	115-2	1321044	1307587	1297163	1308598	0.91	cps
Iron	56-2	317477215	311039822	310334582	312950540	1.26	cps
Iron	57-2	7892778	7969049	7853017	7904948	0.75	cps
Iron	54-2	17389965	17605578	17115933	17370492	1.41	cps
Krypton	83-1	387	370	440	399	9.17	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:36:28 DataFile Name : 040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10342332	10439779	10311520	10364544	0.65	cps
Lead	207-1	8976987	9188504	8997472	9054321	1.29	cps
Lead	208-1	41170048	41826480	41671898	41556142	0.83	cps
Lithium	6-1	569098	545404	540019	551507	2.81	cps
Magnesium	24-2	65469162	66399241	63662951	65177118	2.13	cps
Manganese	55-2	12290967	12201850	12007614	12166810	1.19	cps
Molybdenum	94-1	10821277	11219942	11087734	11042984	1.84	cps
Molybdenum	95-1	15482174	15700456	15744217	15642283	0.90	cps
Molybdenum	96-1	16860687	17070597	17260943	17064076	1.17	cps
Molybdenum	97-1	9475271	9854799	9834481	9721517	2.20	cps
Molybdenum	98-1	24461400	25172485	25062474	24898786	1.54	cps
Neodymium	150-1	200	183	220	201	9.13	cps
Neodymium	150-2	103	83	100	96	11.21	cps
Nickel	60-2	493497	482583	490514	488865	1.15	cps
Phosphorus	31-2	84479	82592	81174	82748	2.00	cps
Potassium	39-2	43281018	42457404	41251744	42330055	2.41	cps
Rhodium	103-1	3344849	3264949	3164153	3257984	2.78	cps
Rhodium	103-2	2093329	2035276	2051282	2059962	1.46	cps
Scandium	45-1	2224176	2182470	2127493	2178047	2.23	cps
Scandium	45-2	186425	183238	180498	183387	1.62	cps
Selenium	82-1	66982	67781	67163	67308	0.62	cps
Selenium	77-2	7445	7382	7479	7435	0.66	cps
Selenium	78-2	25152	25051	25298	25167	0.49	cps
Silicon	28-1	5605959	5962310	6009266	5859178	3.76	cps
Silver	107-1	3761464	3845390	3819889	3808914	1.13	cps
Silver	109-1	3595228	3724145	3627661	3649011	1.84	cps
Sodium	23-2	105474248	102508682	103663792	103882241	1.44	cps
Strontium	86-1	889531	916007	916206	907248	1.69	cps
Strontium	88-1	8856982	8871442	9105118	8944514	1.56	cps
Sulfur	34-1	364083	371965	369614	368554	1.10	cps
Terbium	159-1	4418360	4295671	4226233	4313421	2.26	cps
Terbium	159-2	3378884	3283233	3260194	3307437	1.90	cps
Thallium	203-1	2603604	2629792	2657431	2630276	1.02	cps
Thallium	205-1	6222042	6269338	6430503	6307294	1.73	cps
Tin	118-1	2431483	2567301	2526947	2508577	2.78	cps
Titanium	47-1	3991650	4128938	4049200	4056596	1.70	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:36:28 DataFile Name : 040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7950494	7982484	8059313	7997430	0.70	cps
Vanadium	51-2	1103150	1098717	1091332	1097733	0.54	cps
Yttrium	89-1	6526766	6302451	6162906	6330708	2.90	cps
Yttrium	89-2	1977693	1906924	1834694	1906437	3.75	cps
Zinc	66-2	2948920	2971131	2871451	2930501	1.79	cps
Zirconium	90-1	5339349	5561868	5575271	5492162	2.41	cps
Zirconium	91-1	1073563	1104690	1102748	1093667	1.59	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:45:21 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	327	353	250	310	17.30	cps
Antimony	121-1	223	163	240	209	19.30	cps
Arsenic	75-2	37	20	50	36	42.27	cps
Barium	135-1	47	43	63	51	20.96	cps
Barium	137-1	167	107	107	127	27.35	cps
Beryllium	9-1	109	89	99	99	10.10	cps
Bismuth	209-1	2380793	2401809	2343787	2375463	1.24	cps
Bismuth	209-2	2233627	2251659	2244005	2243097	0.40	cps
Bromine	81-1	31427	31090	31584	31367	0.81	cps
Bromine	81-2	670	690	687	682	1.57	cps
Cadmium	108-1	17	7	13	12	41.65	cps
Cadmium	106-1	1230	1197	1127	1185	4.45	cps
Cadmium	111-1	1199	1180	1098	1159	4.61	cps
Calcium	43-1	417	427	450	431	3.97	cps
Calcium	44-1	10647	10637	10524	10603	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	637	553	630	607	7.63	cps
Cobalt	59-2	160	113	117	130	20.03	cps
Copper	63-2	4097	4074	3981	4051	1.52	cps
Dysprosium	156-1	0	7	13	7	99.98	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	17	20	33	23	37.78	cps
Erbium	164-2	37	7	23	22	67.63	cps
Gadolinium	160-1	17	13	7	12	41.65	cps
Gadolinium	160-2	163	110	167	147	21.68	cps
Holmium	165-1	3848762	3855320	3776895	3826993	1.14	cps
Holmium	165-2	3186628	3223267	3130678	3180191	1.47	cps
Indium	115-1	3471638	3499294	3439827	3470253	0.86	cps
Indium	115-2	1315664	1312135	1300900	1309566	0.59	cps
Iron	56-2	26043	26096	25952	26030	0.28	cps
Iron	57-2	1310	1493	1593	1466	9.81	cps
Iron	54-2	3147	3124	3227	3166	1.71	cps
Krypton	83-1	370	370	403	381	5.05	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:45:21 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	910	837	813	853	5.91	cps
Lead	207-1	707	680	647	678	4.44	cps
Lead	208-1	3277	3177	3244	3232	1.58	cps
Lithium	6-1	532164	528438	527341	529314	0.48	cps
Magnesium	24-2	1427	1343	1503	1425	5.62	cps
Manganese	55-2	863	850	833	849	1.77	cps
Molybdenum	94-1	1763	2094	1350	1736	21.46	cps
Molybdenum	95-1	2824	3474	1947	2748	27.88	cps
Molybdenum	96-1	3177	3747	2214	3046	25.45	cps
Molybdenum	97-1	1693	2177	1267	1712	26.59	cps
Molybdenum	98-1	4374	5501	3000	4292	29.18	cps
Neodymium	150-1	7	3	3	4	43.40	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	387	343	383	371	6.50	cps
Phosphorus	31-2	357	377	423	386	8.87	cps
Potassium	39-2	63780	66069	64272	64707	1.86	cps
Rhodium	103-1	3279652	3233649	3241649	3251650	0.76	cps
Rhodium	103-2	2127928	2148888	2134647	2137154	0.50	cps
Scandium	45-1	2078500	2056022	2024168	2052897	1.33	cps
Scandium	45-2	172089	170359	172338	171596	0.63	cps
Selenium	82-1	308	354	302	321	8.82	cps
Selenium	77-2	27	23	27	26	7.55	cps
Selenium	78-2	897	940	917	918	2.36	cps
Silicon	28-1	1647035	1644653	1626003	1639230	0.70	cps
Silver	107-1	90	43	67	67	35.00	cps
Silver	109-1	20	60	40	40	50.00	cps
Sodium	23-2	31987	35374	34158	33839	5.07	cps
Strontium	86-1	683	580	607	623	8.61	cps
Strontium	88-1	230	207	183	207	11.29	cps
Sulfur	34-1	123168	122758	122254	122727	0.37	cps
Terbium	159-1	4005566	3985512	3920900	3970659	1.11	cps
Terbium	159-2	3221382	3170083	3148790	3180085	1.17	cps
Thallium	203-1	407	423	413	414	2.02	cps
Thallium	205-1	1097	1083	967	1049	6.82	cps
Tin	118-1	920	813	953	896	8.17	cps
Titanium	47-1	73	117	117	102	24.48	cps

LB Number : LB135118 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-03-20 18:45:21 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	333	343	370	349	5.43	cps
Vanadium	51-2	27	43	47	39	27.55	cps
Yttrium	89-1	5957403	5892553	5912344	5920767	0.56	cps
Yttrium	89-2	1840467	1815325	1852217	1836003	1.03	cps
Zinc	66-2	410	313	403	376	14.38	cps
Zirconium	90-1	340	427	360	376	12.08	cps
Zirconium	91-1	57	80	73	70	17.17	cps