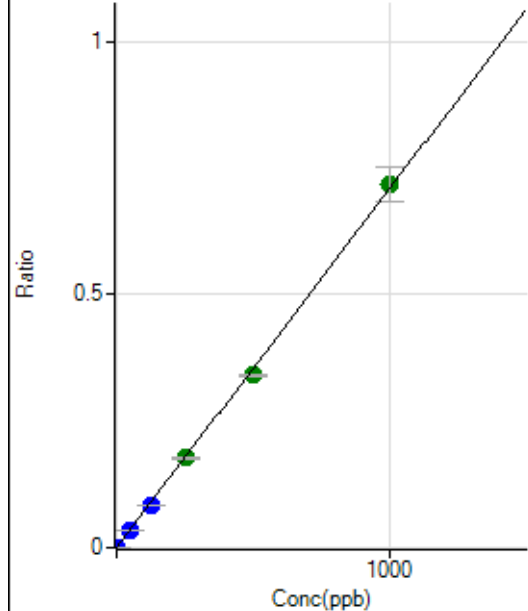


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021225MSA-2.b\
Analysis File: P8021225MSA-2.batch.bin
DA Date-Time: 2025-02-12 16:44:29
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-12 13:30:55
2	005CAL.S.d	S02	2025-02-12 13:34:17
3	006CALB.d	S03	2025-02-12 13:37:40
4	007CAL.S.d	S04	2025-02-12 13:40:47
5	008CAL.S.d	S05	2025-02-12 13:43:47
6	009CAL.S.d	S06	2025-02-12 13:46:37
7	010CAL.S.d	S07	2025-02-12 13:49:25
8	011CAL.S.d	S08	2025-02-12 13:52:10

Calibration for 007CAL.S.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1051.99	0.0001	P	2.0
2	☐	1.000	1.067	7090.00	0.0009	P	3.7
3	☐	50.000	47.513	269252.02	0.0338	P	0.9
4	☐	125.000	119.225	666466.44	0.0847	P	1.8
5	☐	250.000	249.809	1373729.72	0.1773	A	1.6
6	☐	500.000	479.706	2578235.30	0.3403	A	2.0
7	☐	1000.000	1011.041	5057788.26	0.7171	A	9.7
8	☐			2405.32	0.0004	P	7.7

$$y = 7.0918E-004 * x + 1.3040E-004$$

$$R = 0.9997$$

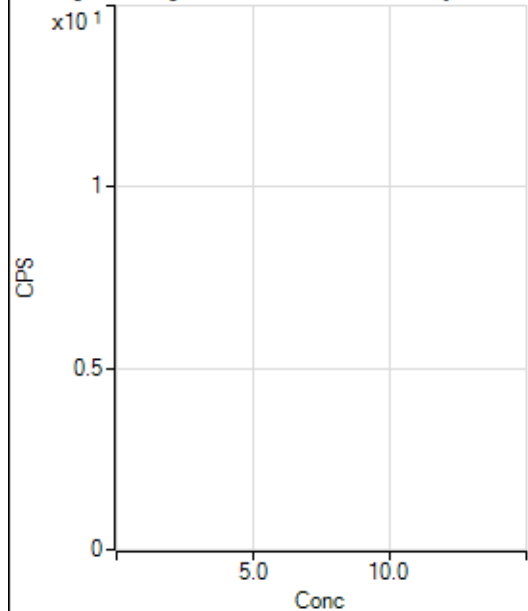
$$DL = 0.01081$$

$$BEC = 0.1839$$

Weight: <None>

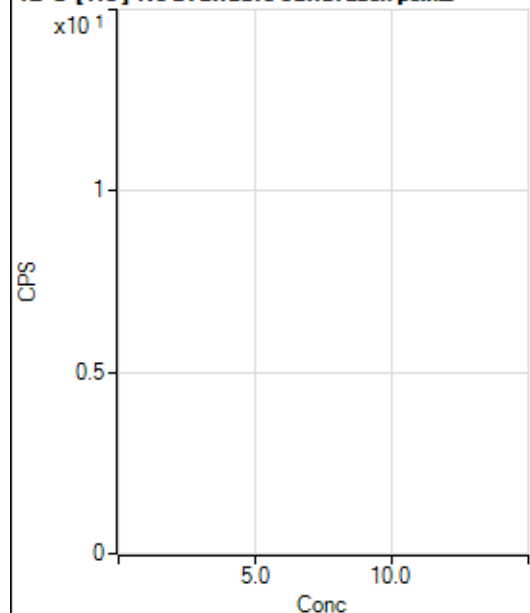
Min Conc: 0

12 C [No Gas] No available calibration points



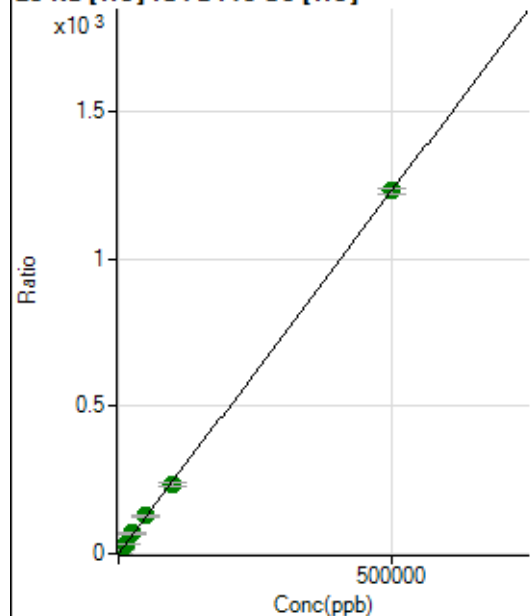
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2482245.12		A	2.1
2	☐			2665918.08		A	0.8
3	☐			2630788.07		A	1.4
4	☐			2987644.61		A	0.3
5	☐			3206166.89		A	1.4
6	☐			3531106.23		A	3.0
7	☐			4425070.18		A	4.5
8	☐			3983160.91		A	3.6

12 C [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			15502.74		P	0.3
2	☐			16744.09		P	1.8
3	☐			17057.76		P	2.6
4	☐			19802.30		P	1.8
5	☐			21422.36		P	2.3
6	☐			24913.37		P	1.3
7	☐			33086.06		P	1.5
8	☐			35955.02		P	0.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	67553.06	0.3960	P	0.9
2	☐	500.000	569.474	299918.61	1.7972	P	0.8
3	☐	5000.000	5209.943	2279491.09	13.2153	A	1.9
4	☐	12500.000	12975.411	5557475.40	32.3226	A	1.9
5	☐	25000.000	27699.506	11216594.42	68.5519	A	6.5
6	☐	50000.000	51771.559	21695174.95	127.7824	A	1.5
7	☐	100000.00	96359.322	42248531.87	237.4928	A	5.6
8	☐	500000.00	500401.95	196398228.1	1,231.659	A	1.6

$$y = 0.0025 * x + 0.3960$$

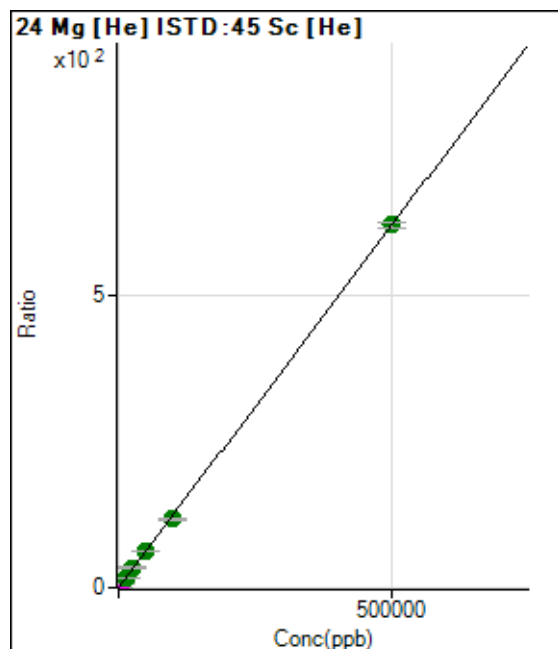
$$R = 0.9999$$

$$DL = 4.364$$

$$BEC = 160.9$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2725.84	0.0160	P	5.2
2	☐	500.000	568.727	120459.27	0.7218	P	0.7
3	☐	5000.000	5176.607	1110929.87	6.4405	M	1.7
4	☐	12500.000	12962.738	2768866.52	16.1036	A	1.9
5	☐	25000.000	27513.986	5587338.39	34.1626	A	7.5
6	☐	50000.000	51047.445	10759501.99	63.3691	A	1.7
7	☐	100000.00	94321.166	20828569.41	117.0746	A	5.3
8	☐	500000.00	500891.92	99126064.08	621.6549	A	1.7

$$y = 0.0012 * x + 0.0160$$

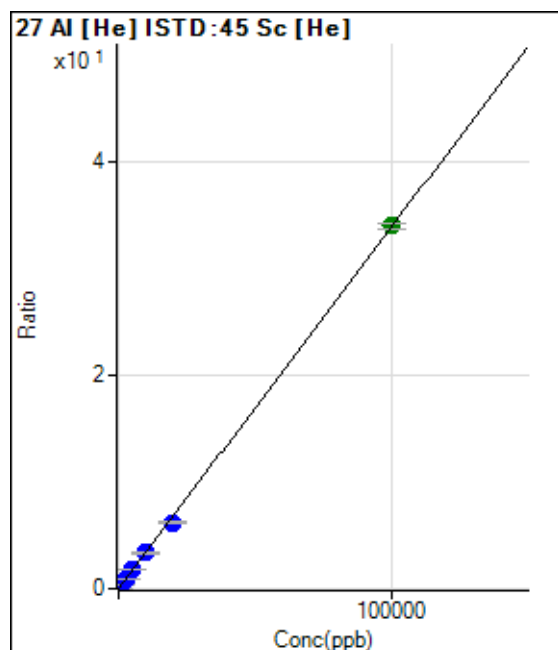
$$R = 0.9999$$

$$DL = 1.993$$

$$BEC = 12.88$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.11	0.0005	P	33.9
2	☐	20.000	21.760	1308.96	0.0078	P	2.0
3	☐	1000.000	991.243	57989.25	0.3362	P	1.0
4	☐	2500.000	2493.481	145283.61	0.8449	P	0.8
5	☐	5000.000	5327.954	295166.21	1.8049	P	7.6
6	☐	10000.000	9908.373	569787.96	3.3561	P	1.7
7	☐	20000.000	18307.738	1103158.31	6.2006	P	5.3
8	☐	100000.00	100331.46	5418256.24	33.9791	A	1.5

$$y = 3.3866E-004 * x + 4.7435E-004$$

$$R = 0.9998$$

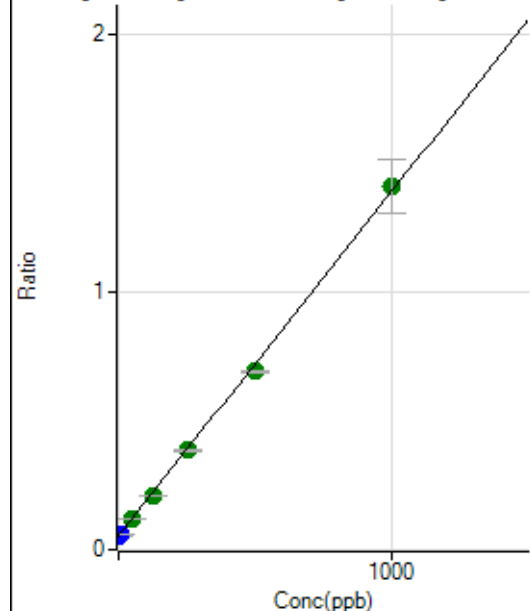
$$DL = 1.424$$

$$BEC = 1.401$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	513786.55	0.0542	P	1.4
2	☐	10.000	6.305	583924.95	0.0626	P	1.9
3	☐	50.000	48.589	1113760.49	0.1190	A	1.9
4	☐	125.000	115.826	1989021.67	0.2087	A	0.5
5	☐	250.000	247.461	3565654.15	0.3842	A	2.0
6	☐	500.000	476.595	6357393.79	0.6898	A	1.7
7	☐	1000.000	1013.592	11823780.38	1.4059	A	15.0
8	☐			666687.71	0.0785	P	1.8

$$y = 0.0013 * x + 0.0542$$

$$R = 0.9996$$

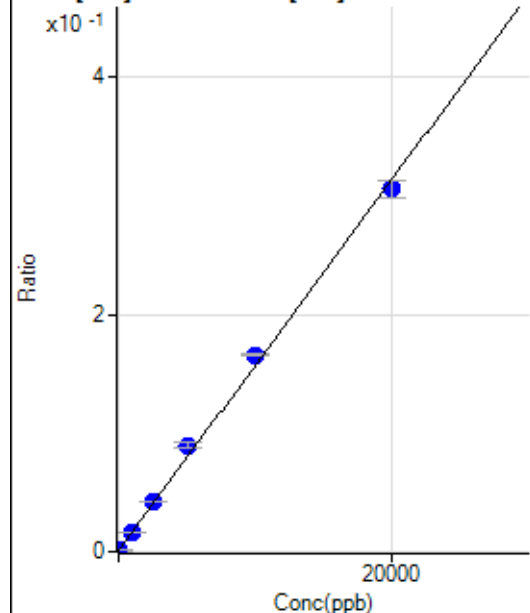
$$DL = 1.67$$

$$BEC = 40.67$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-26.096	68.89	0.0004	P	35.5
2	☐	0.000	26.096	203.34	0.0012	P	11.0
3	☐	1000.000	1003.878	2846.98	0.0165	P	2.8
4	☐	2500.000	2618.901	7177.40	0.0417	P	1.2
5	☐	5000.000	5702.013	14717.54	0.0899	P	6.2
6	☐	10000.000	10565.025	28175.17	0.1659	P	0.5
7	☐	20000.000	19526.928	54448.33	0.3060	P	4.9
8	☐			103.34	0.0006	P	14.5

$$y = 1.5629E-005 * x + 8.1080E-004$$

$$R = 0.9986$$

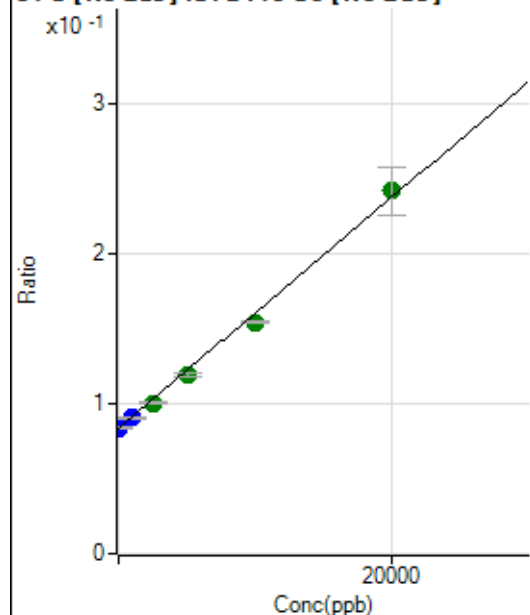
$$DL = 26.6$$

$$BEC = 51.88$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-34.604	789033.72	0.0833	P	1.3
2	☐	0.000	34.604	781322.83	0.0838	P	1.9
3	☐	1000.000	942.166	849562.21	0.0908	P	1.4
4	☐	2500.000	2156.011	954203.86	0.1001	A	0.7
5	☐	5000.000	4601.899	1103502.58	0.1189	A	2.1
6	☐	10000.000	9194.068	1421218.95	0.1542	A	1.6
7	☐	20000.000	20548.381	2033713.53	0.2415	A	13.2
8	☐			725253.80	0.0853	P	0.5

$$y = 7.6846E-006 * x + 0.0835$$

$$R = 0.9985$$

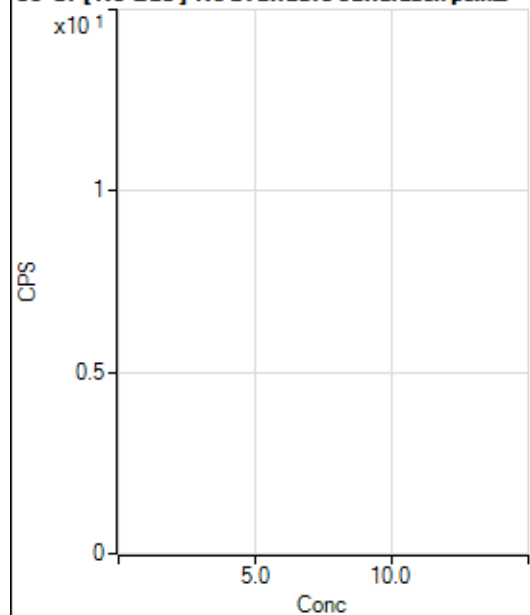
$$DL = 531.5$$

$$BEC = 1.087E+04$$

Weight: <None>

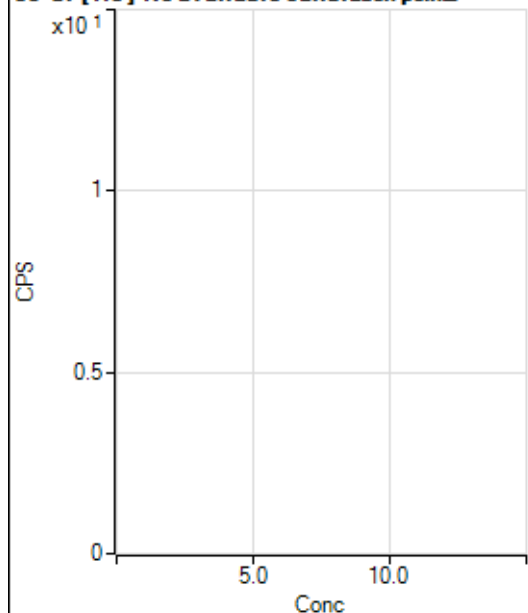
Min Conc: 0

35 Cl [No Gas] No available calibration points



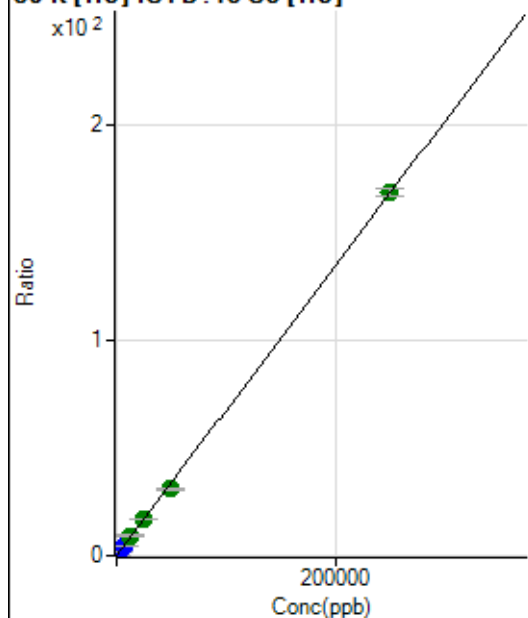
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			153321.99		P	0.3
2	☐			142870.12		P	0.3
3	☐			135818.92		P	0.5
4	☐			138093.44		P	1.1
5	☐			141065.03		P	0.6
6	☐			149636.17		P	0.5
7	☐			170263.62		P	1.9
8	☐			127679.25		P	0.9

35 Cl [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			451.12		P	5.6
2	☐			520.01		P	8.4
3	☐			500.01		P	11.6
4	☐			462.24		P	6.7
5	☐			470.01		P	17.1
6	☐			514.46		P	1.0
7	☐			633.35		P	5.7
8	☐			463.35		P	9.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9375.35	0.0550	P	3.2
2	☐	500.000	528.975	68514.86	0.4106	P	1.1
3	☐	2500.000	2436.600	292033.09	1.6929	P	0.7
4	☐	6250.000	6138.820	719036.40	4.1817	P	0.7
5	☐	12500.000	13618.800	1506872.04	9.2100	A	6.7
6	☐	25000.000	24965.009	2858948.67	16.8374	A	0.8
7	☐	50000.000	45865.703	5495554.15	30.8877	A	5.1
8	☐	250000.00	250777.77	26888799.88	168.6375	A	2.2

$$y = 6.7224\text{E-}004 * x + 0.0550$$

$$R = 0.9998$$

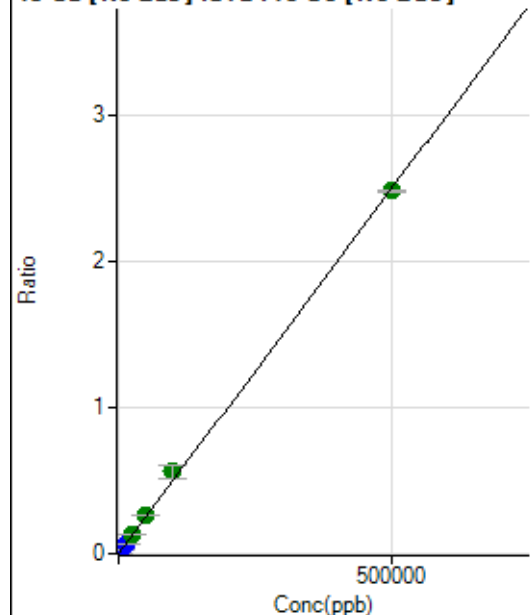
$$DL = 7.903$$

$$BEC = 81.76$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	502.24	0.0001	P	9.0
2	☐	500.000	566.044	26825.09	0.0029	P	3.3
3	☐	5000.000	5166.687	241782.08	0.0258	P	0.7
4	☐	12500.000	12661.848	602737.46	0.0632	P	1.1
5	☐	25000.000	26638.433	1234123.24	0.1330	A	2.0
6	☐	50000.000	52451.615	2413012.53	0.2618	A	1.7
7	☐	100000.00	112819.96	4730705.03	0.5631	A	16.1
8	☐	500000.00	497103.14	21082721.63	2.4807	A	0.9

$$y = 4.9903E-006 * x + 5.2953E-005$$

R = 0.9996

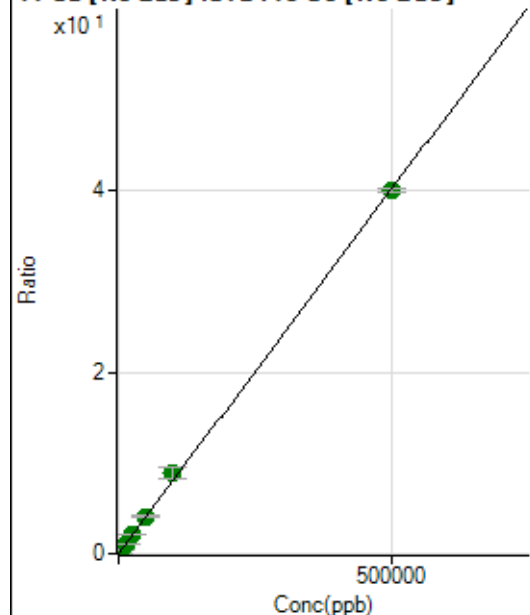
DL = 2.873

BEC = 10.61

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	20725.05	0.0022	P	2.5
2	☐	500.000	554.830	435755.28	0.0467	P	1.4
3	☐	5000.000	5217.146	3940861.26	0.4211	A	1.9
4	☐	12500.000	12564.643	9637649.09	1.0111	A	0.6
5	☐	25000.000	26342.653	19649577.90	2.1175	A	2.6
6	☐	50000.000	51359.385	38035017.49	4.1264	A	1.2
7	☐	100000.00	110315.92	74518331.67	8.8607	A	15.0
8	☐	500000.00	497729.90	339690132.7	39.9707	A	1.0

$$y = 8.0302E-005 * x + 0.0022$$

R = 0.9998

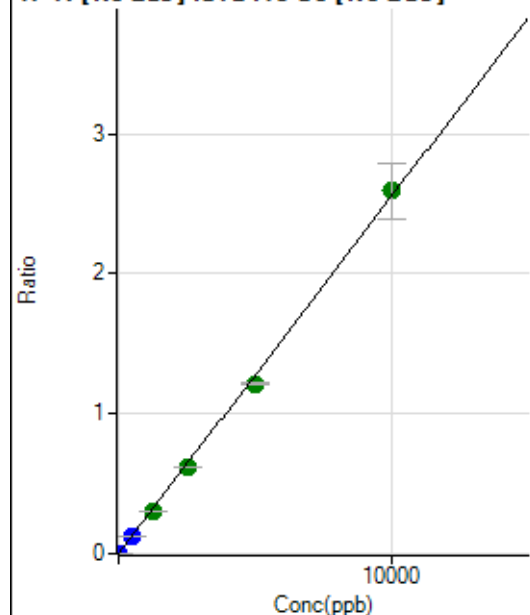
DL = 2.065

BEC = 27.24

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	308.90	0.0000	P	10.4
2	☐	5.000	5.191	12661.24	0.0014	P	2.2
3	☐	500.000	469.232	1121575.47	0.1199	P	0.9
4	☐	1250.000	1165.121	2836024.64	0.2975	A	0.6
5	☐	2500.000	2422.521	5741062.76	0.6186	A	1.8
6	☐	5000.000	4757.691	11199184.56	1.2149	A	1.0
7	☐	10000.000	10152.672	21797439.40	2.5925	A	15.3
8	☐			4817.52	0.0006	P	7.6

$$y = 2.5535E-004 * x + 3.2589E-005$$

R = 0.9995

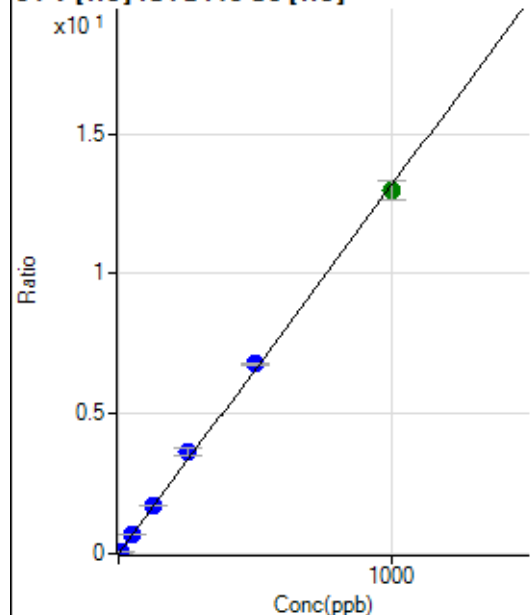
DL = 0.03987

BEC = 0.1276

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	14.44	0.0001	P	14.0
2	☐	5.000	5.754	12649.04	0.0758	P	1.3
3	☐	50.000	51.183	116191.37	0.6735	P	0.7
4	☐	125.000	129.474	292942.76	1.7036	P	0.5
5	☐	250.000	276.013	594134.70	3.6317	P	6.9
6	☐	500.000	515.775	1152272.11	6.7864	P	0.8
7	☐	1000.000	984.987	2305770.07	12.9601	A	5.2
8	☐			578.91	0.0036	P	6.5

$$y = 0.0132 * x + 8.4703E-005$$

R = 0.9994

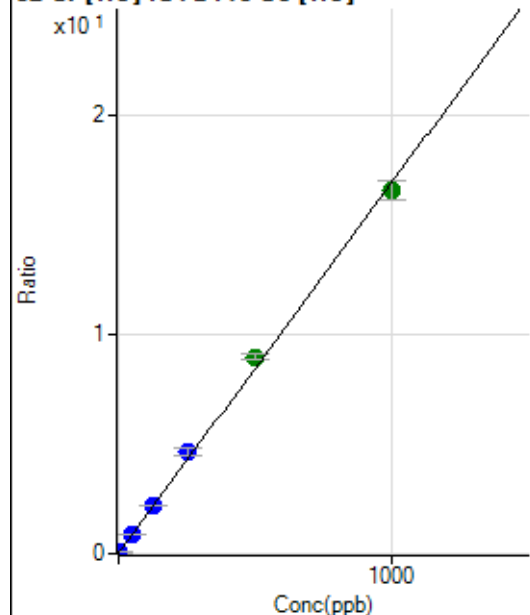
DL = 0.002703

BEC = 0.006438

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2154.63	0.0126	P	2.6
2	☐	2.000	2.355	8752.73	0.0524	P	1.6
3	☐	50.000	50.937	150747.16	0.8739	P	0.8
4	☐	125.000	128.894	376912.70	2.1920	P	1.0
5	☐	250.000	273.427	758479.36	4.6359	P	6.6
6	☐	500.000	529.834	1523032.18	8.9714	A	2.8
7	☐	1000.000	978.692	2946298.15	16.5609	A	5.4
8	☐			9661.13	0.0606	P	0.7

$$y = 0.0169 * x + 0.0126$$

$$R = 0.9990$$

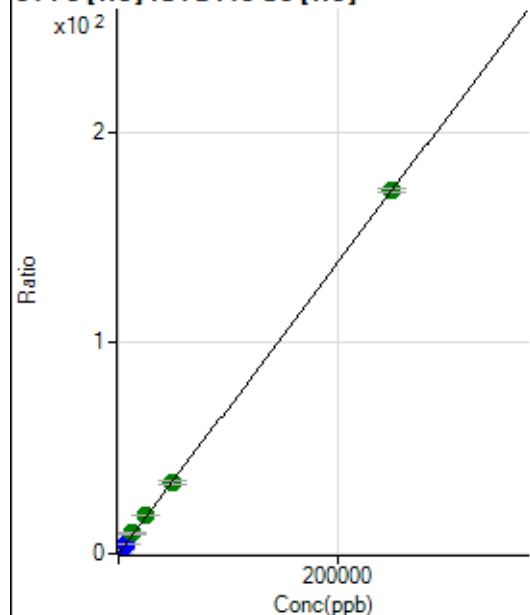
$$DL = 0.05882$$

$$BEC = 0.7468$$

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	702.25	0.0041	P	3.0
2	☐	50.000	60.479	7626.55	0.0457	P	0.5
3	☐	2500.000	2620.404	311507.61	1.8058	P	0.4
4	☐	6250.000	6516.190	771070.92	4.4844	P	0.9
5	☐	12500.000	14150.566	1593357.88	9.7334	A	5.4
6	☐	25000.000	26194.725	3058617.66	18.0145	A	1.5
7	☐	50000.000	48469.080	5929510.54	33.3294	A	5.3
8	☐	250000.00	250096.32	27421401.26	171.9598	A	1.1

$$y = 6.8756E-004 * x + 0.0041$$

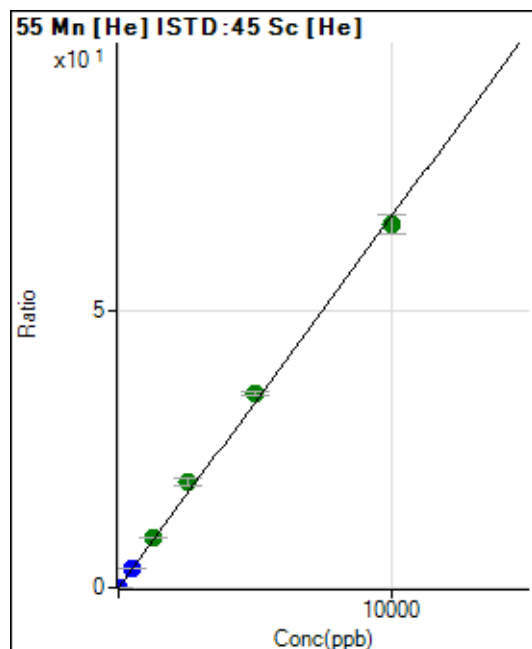
$$R = 0.9999$$

$$DL = 0.5474$$

$$BEC = 5.987$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	320.01	0.0019	P	17.8
2	☐	1.000	1.184	1634.55	0.0098	P	2.7
3	☐	500.000	523.342	603867.32	3.5008	P	1.7
4	☐	1250.000	1353.568	1556384.91	9.0515	A	1.8
5	☐	2500.000	2850.206	3116515.86	19.0577	A	7.8
6	☐	5000.000	5248.163	5957527.69	35.0899	A	1.6
7	☐	10000.000	9774.254	11625996.08	65.3503	A	5.4
8	☐			5423.30	0.0340	P	2.2

$$y = 0.0067 * x + 0.0019$$

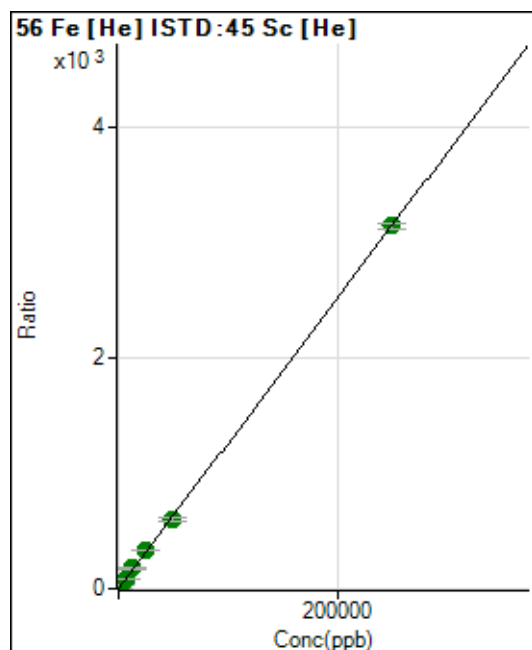
$$R = 0.9988$$

$$DL = 0.1503$$

$$BEC = 0.2808$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10640.71	0.0624	P	2.7
2	☐	50.000	58.227	132455.74	0.7937	P	1.0
3	☐	2500.000	2622.656	5693112.35	33.0029	A	0.9
4	☐	6250.000	6570.693	14201901.59	82.5902	A	1.1
5	☐	12500.000	13976.677	28729256.24	175.6093	A	6.8
6	☐	25000.000	26070.660	55610396.39	327.5096	A	1.1
7	☐	50000.000	48234.359	107785165.0	605.8854	A	5.5
8	☐	250000.00	250162.98	501034903.6	3142.106	A	1.5

$$y = 0.0126 * x + 0.0624$$

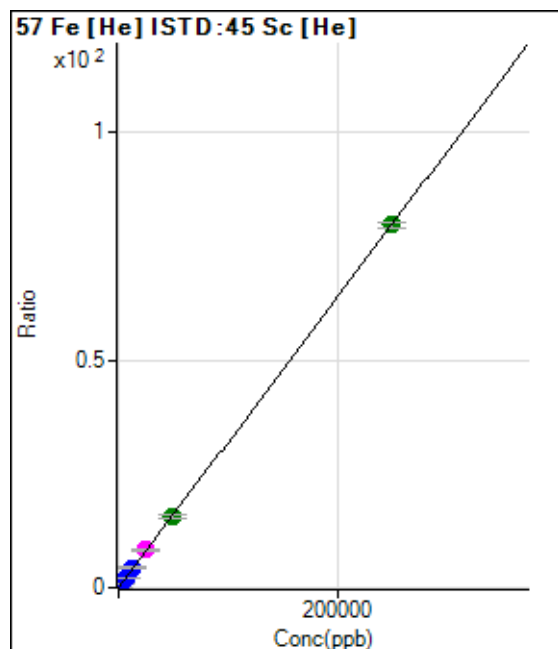
$$R = 0.9999$$

$$DL = 0.4077$$

$$BEC = 4.966$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	296.67	0.0017	P	6.5
2	☐	50.000	55.222	3227.07	0.0193	P	2.4
3	☐	2500.000	2578.393	142046.08	0.8235	P	0.8
4	☐	6250.000	6462.325	354434.36	2.0612	P	0.9
5	☐	12500.000	13701.567	714502.55	4.3683	P	7.3
6	☐	25000.000	25919.432	1402991.79	8.2621	M	1.2
7	☐	50000.000	48790.680	2766476.45	15.5509	A	5.6
8	☐	250000.00	250083.74	12708563.14	79.7014	A	1.9

$$y = 3.1869E-004 * x + 0.0017$$

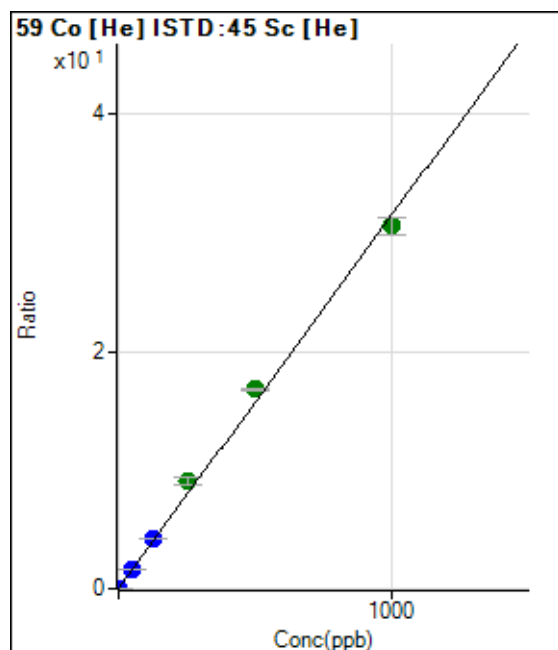
R = 1.0000

DL = 1.071

BEC = 5.454

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	541.13	0.0032	P	7.7
2	☐	1.000	1.229	6987.35	0.0419	P	3.2
3	☐	50.000	53.382	290483.52	1.6839	P	0.9
4	☐	125.000	131.721	713684.34	4.1505	P	0.4
5	☐	250.000	288.453	1486470.20	9.0853	A	6.6
6	☐	500.000	534.528	2858166.94	16.8331	A	0.9
7	☐	1000.000	972.113	5446352.28	30.6107	A	5.1
8	☐			11522.54	0.0723	P	1.0

$$y = 0.0315 * x + 0.0032$$

R = 0.9982

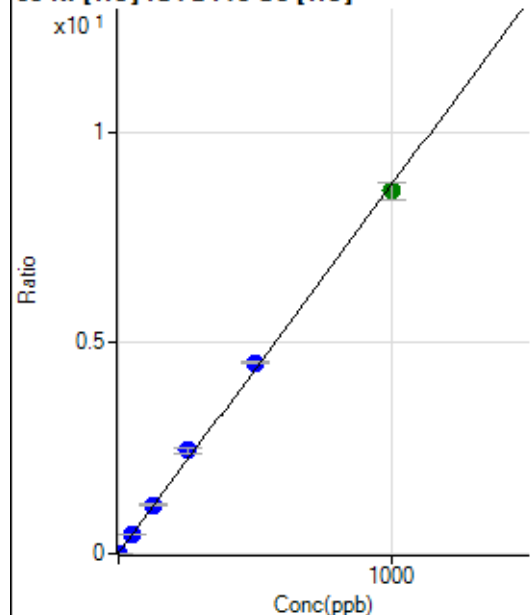
DL = 0.02317

BEC = 0.1007

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1762.35	0.0103	P	6.4
2	☐	1.000	1.131	3372.65	0.0202	P	1.5
3	☐	50.000	52.744	81329.48	0.4715	P	1.4
4	☐	125.000	131.757	199860.99	1.1623	P	0.9
5	☐	250.000	278.471	399976.93	2.4451	P	7.1
6	☐	500.000	516.175	768045.97	4.5235	P	0.8
7	☐	1000.000	983.812	1532496.18	8.6123	A	4.7
8	☐			6079.13	0.0381	P	2.4

$$y = 0.0087 * x + 0.0103$$

$$R = 0.9993$$

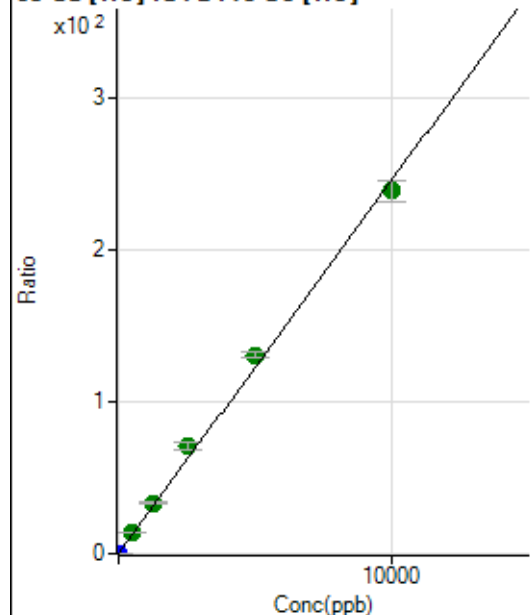
$$DL = 0.2283$$

$$BEC = 1.181$$

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	2135.74	0.0125	P	3.2
2	☐	2.000	2.327	11627.07	0.0697	P	1.6
3	☐	500.000	550.980	2336595.78	13.5453	A	0.5
4	☐	1250.000	1361.423	5751679.15	33.4508	A	1.1
5	☐	2500.000	2879.213	11571406.77	70.7296	A	6.8
6	☐	5000.000	5329.021	22222527.72	130.9000	A	2.3
7	☐	10000.000	9724.209	42484296.59	238.8514	A	6.0
8	☐			9821.25	0.0616	P	2.9

$$y = 0.0246 * x + 0.0125$$

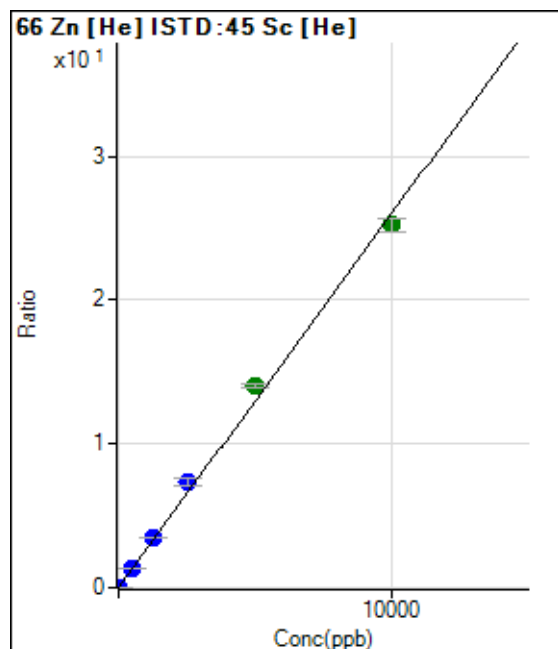
$$R = 0.9983$$

$$DL = 0.04942$$

$$BEC = 0.5096$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	165.56	0.0010	P	8.3
2	☐	2.000	5.990	2759.19	0.0165	P	0.3
3	☐	500.000	534.477	239686.82	1.3895	P	1.0
4	☐	1250.000	1333.483	595836.95	3.4652	P	0.9
5	☐	2500.000	2831.956	1203957.99	7.3582	P	6.5
6	☐	5000.000	5396.355	2380329.37	14.0203	A	1.7
7	☐	10000.000	9706.674	4488406.22	25.2181	A	4.0
8	☐			2426.90	0.0152	P	1.9

$$y = 0.0026 * x + 9.7074E-004$$

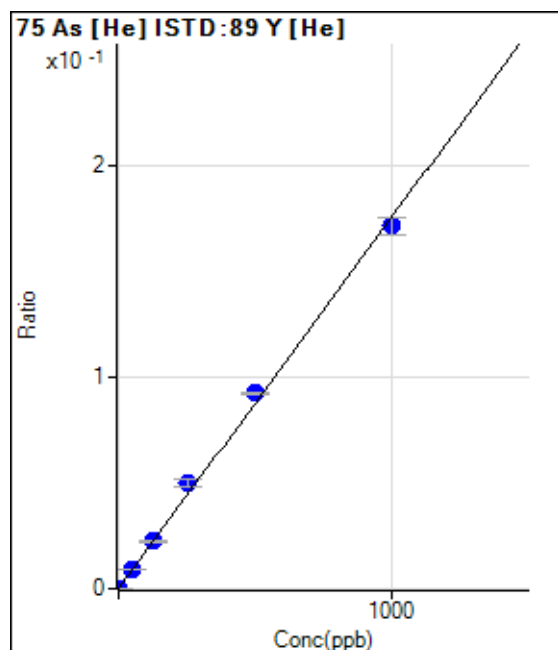
$$R = 0.9981$$

$$DL = 0.09354$$

$$BEC = 0.3737$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	40.2
2	☐	1.000	1.178	317.78	0.0002	P	8.7
3	☐	50.000	51.815	13662.29	0.0091	P	2.2
4	☐	125.000	127.766	34317.31	0.0225	P	1.5
5	☐	250.000	286.040	71146.25	0.0503	P	7.5
6	☐	500.000	526.176	136946.12	0.0925	P	1.2
7	☐	1000.000	977.465	265783.55	0.1718	P	4.7
8	☐			140.00	0.0001	P	29.5

$$y = 1.7571E-004 * x + 1.1280E-005$$

$$R = 0.9987$$

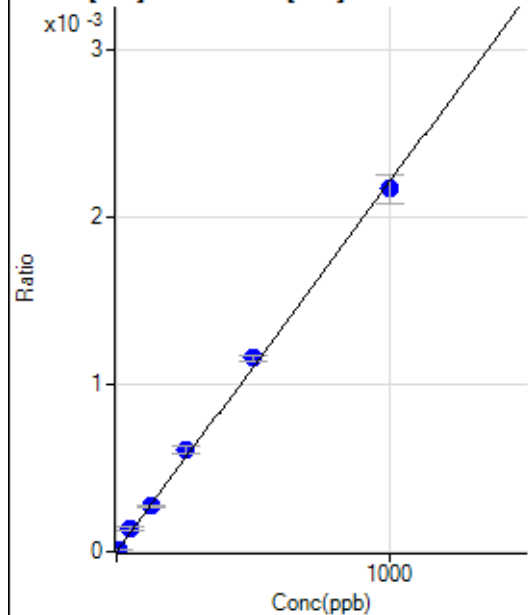
$$DL = 0.07733$$

$$BEC = 0.0642$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.846	15.56	0.0000	P	13.8
3	☐	50.000	63.733	211.11	0.0001	P	18.9
4	☐	125.000	124.200	418.90	0.0003	P	5.2
5	☐	250.000	274.967	860.04	0.0006	P	6.3
6	☐	500.000	523.348	1711.23	0.0012	P	2.2
7	☐	1000.000	981.499	3349.32	0.0022	P	8.1
8	☐			2.22	0.0000	P	86.6

$$y = 2.2076E-006 * x + 0.0000E+000$$

$$R = 0.9992$$

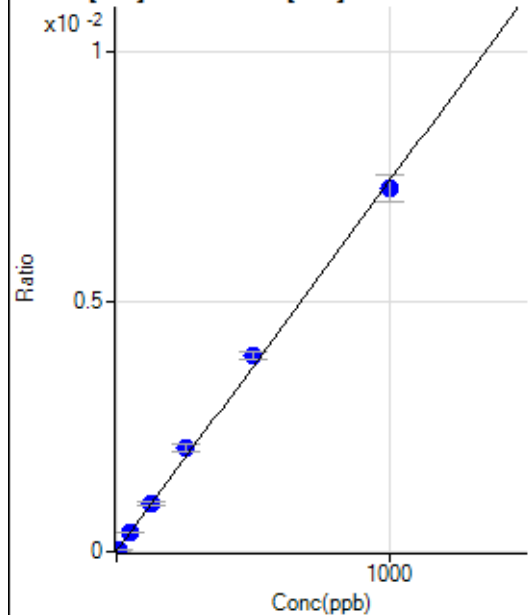
$$DL = 0$$

$$BEC = 0$$

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	7.78	0.0000	P	89.5
2	☐	5.000	5.362	65.55	0.0000	P	21.5
3	☐	50.000	51.057	575.58	0.0004	P	0.8
4	☐	125.000	128.989	1470.09	0.0010	P	6.0
5	☐	250.000	278.623	2932.56	0.0021	P	7.1
6	☐	500.000	526.610	5793.47	0.0039	P	4.0
7	☐	1000.000	978.986	11234.57	0.0073	P	7.4
8	☐			18.89	0.0000	P	27.8

$$y = 7.4165E-006 * x + 5.2963E-006$$

$$R = 0.9990$$

$$DL = 1.918$$

$$BEC = 0.7141$$

Weight: <None>

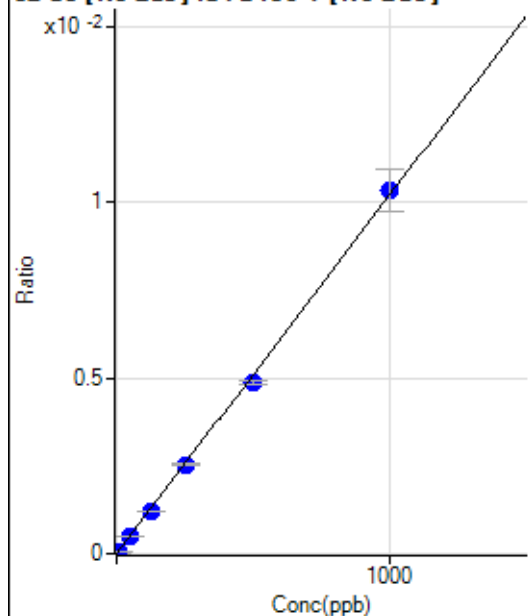
Min Conc: 0

81 Br [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3482.69		P	1.7
2	☐			3503.81		P	1.0
3	☐			3510.47		P	6.4
4	☐			3480.47		P	5.6
5	☐			3510.47		P	0.4
6	☐			3657.19		P	2.2
7	☐			3772.76		P	4.2
8	☐			3997.28		P	2.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-21.11	0.0000	P	-244.
2	☐	5.000	5.504	1282.32	0.0001	P	4.5
3	☐	50.000	48.143	11369.38	0.0005	P	0.9
4	☐	125.000	118.653	28460.53	0.0012	P	2.2
5	☐	250.000	248.172	57768.31	0.0025	P	2.4
6	☐	500.000	478.465	110636.15	0.0049	P	1.9
7	☐	1000.000	1012.108	216248.04	0.0103	P	11.8
8	☐			-5.55	0.0000	P	-941.

$$y = 1.0211\text{E-}005 * x - 9.2147\text{E-}007$$

$$R = 0.9996$$

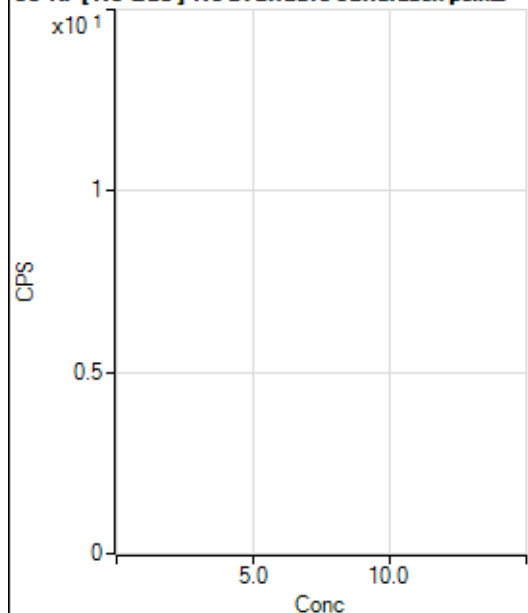
$$DL = 0.661$$

$$BEC = -0.09024$$

Weight: <None>

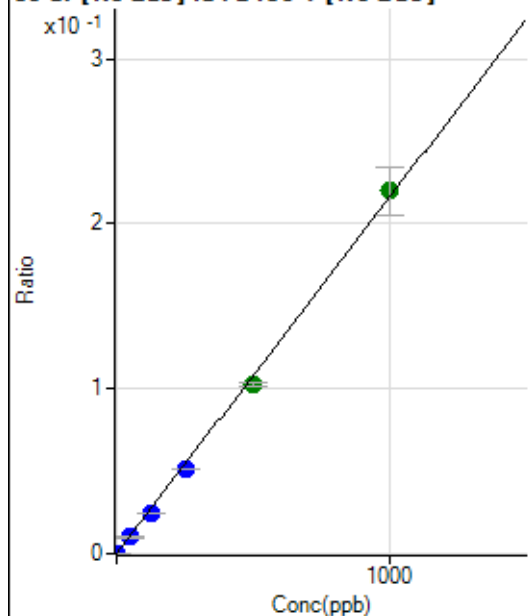
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			284.45		P	10.6
2	☐			270.00		P	5.7
3	☐			305.56		P	2.7
4	☐			261.12		P	10.7
5	☐			280.01		P	8.6
6	☐			278.90		P	13.4
7	☐			277.78		P	9.8
8	☐			363.34		P	11.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	706.69	0.0000	P	6.5
2	☐	1.000	1.001	5724.56	0.0002	P	4.5
3	☐	50.000	45.788	229882.38	0.0099	P	1.2
4	☐	125.000	113.039	574856.99	0.0245	P	1.2
5	☐	250.000	236.700	1166951.02	0.0512	P	1.0
6	☐	500.000	474.038	2320334.89	0.1024	A	2.1
7	☐	1000.000	1018.012	4597534.06	0.2200	A	13.5
8	☐			13766.84	0.0007	P	1.5

$$y = 2.1605E-004 * x + 3.0642E-005$$

$$R = 0.9994$$

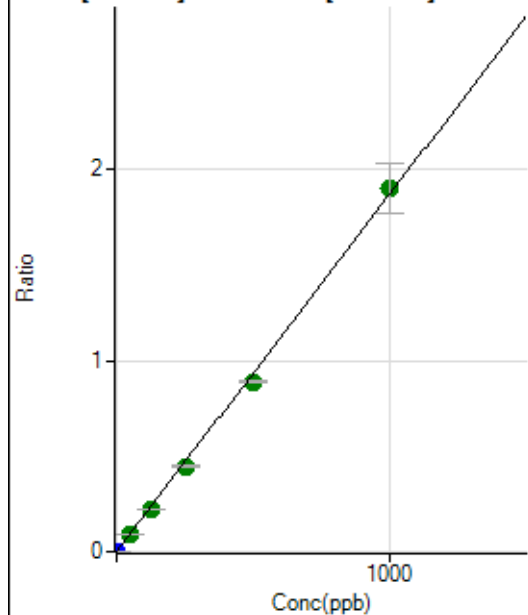
$$DL = 0.02771$$

$$BEC = 0.1418$$

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	2369.12	0.0001	P	4.8
2	☐	1.000	0.994	45480.45	0.0020	P	1.6
3	☐	50.000	47.589	2064294.09	0.0891	A	0.4
4	☐	125.000	116.086	5106016.52	0.2172	A	0.5
5	☐	250.000	239.185	10202893.81	0.4474	A	1.0
6	☐	500.000	476.261	20175464.84	0.8907	A	0.7
7	☐	1000.000	1015.808	39694754.96	1.8997	A	13.9
8	☐			116285.77	0.0055	P	1.2

$$y = 0.0019 * x + 1.0273E-004$$

$$R = 0.9995$$

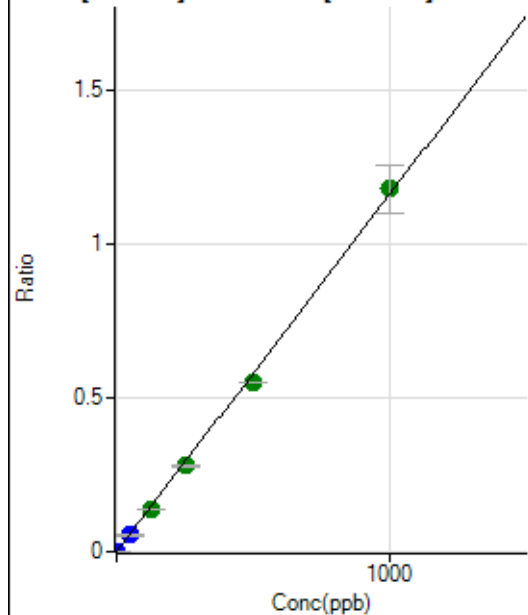
$$DL = 0.00795$$

$$BEC = 0.05494$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	750.03	0.0000	P	3.8
2	☐	1.000	0.969	26832.54	0.0012	P	2.5
3	☐	50.000	45.856	1234226.39	0.0533	P	0.8
4	☐	125.000	116.769	3188118.84	0.1356	A	0.8
5	☐	250.000	240.587	6371408.03	0.2794	A	0.8
6	☐	500.000	475.198	12498538.15	0.5518	A	0.4
7	☐	1000.000	1015.990	24656225.47	1.1797	A	13.4
8	☐			39422.28	0.0019	P	2.1

$$y = 0.0012 * x + 3.2530E-005$$

$$R = 0.9995$$

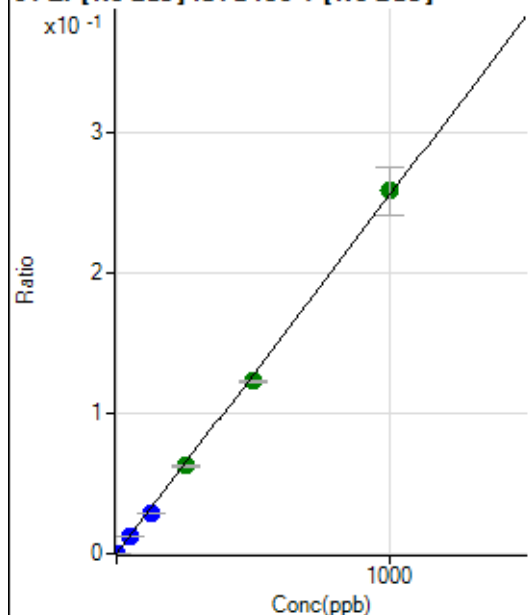
$$DL = 0.00316$$

$$BEC = 0.02802$$

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	165.56	0.0000	P	7.6
2	☐	1.000	0.953	5810.16	0.0003	P	1.8
3	☐	50.000	45.793	271179.04	0.0117	P	0.6
4	☐	125.000	113.854	683887.09	0.0291	P	1.7
5	☐	250.000	244.443	1424274.32	0.0624	A	0.4
6	☐	500.000	481.297	2785039.54	0.1230	A	0.7
7	☐	1000.000	1012.344	5405172.28	0.2586	A	13.4
8	☐			9058.56	0.0004	P	2.2

$$y = 2.5545E-004 * x + 7.1818E-006$$

$$R = 0.9997$$

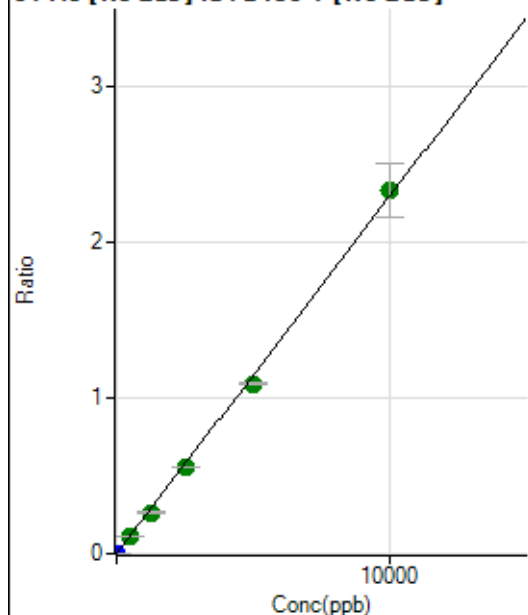
$$DL = 0.006381$$

$$BEC = 0.02811$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	501.13	0.0000	P	5.1
2	☐	5.000	5.867	31640.40	0.0014	P	2.5
3	☐	500.000	473.315	2509962.29	0.1083	A	1.5
4	☐	1250.000	1149.098	6182797.55	0.2630	A	2.3
5	☐	2500.000	2426.915	12667428.42	0.5555	A	1.5
6	☐	5000.000	4746.947	24609032.97	1.0864	A	1.0
7	☐	10000.000	10158.745	48545223.16	2.3250	A	14.8
8	☐			34796.88	0.0016	P	1.9

$$y = 2.2887E-004 * x + 2.1737E-005$$

$$R = 0.9995$$

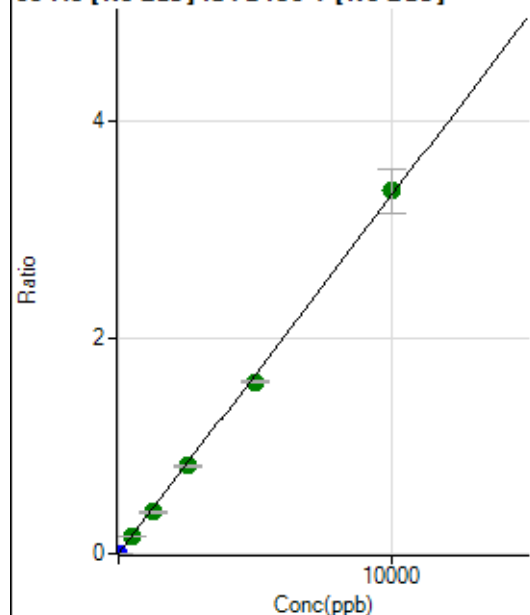
$$DL = 0.01455$$

$$BEC = 0.09498$$

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	487.79	0.0000	P	8.1
2	☐	5.000	4.977	38719.42	0.0017	P	0.8
3	☐	500.000	476.826	3659632.65	0.1580	A	0.3
4	☐	1250.000	1159.377	9028010.01	0.3840	A	1.0
5	☐	2500.000	2455.229	18545895.84	0.8132	A	1.2
6	☐	5000.000	4793.503	35964888.91	1.5877	A	1.1
7	☐	10000.000	10126.928	70172380.07	3.3542	A	12.1
8	☐			35595.51	0.0017	P	1.3

$$y = 3.3121E-004 * x + 2.1161E-005$$

$$R = 0.9997$$

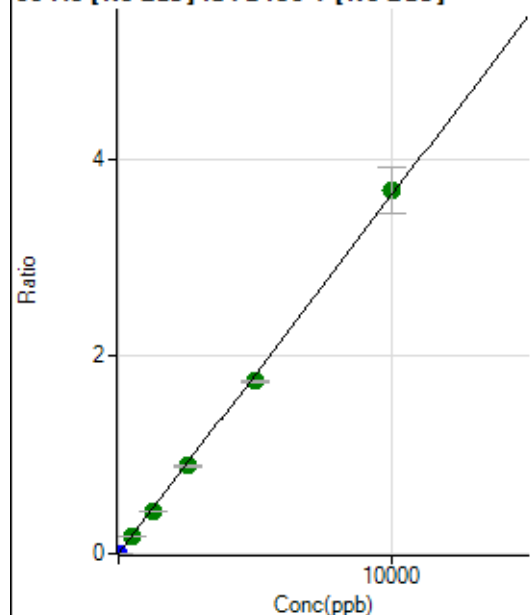
$$DL = 0.01557$$

$$BEC = 0.06389$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	658.91	0.0000	P	4.6
2	☐	5.000	5.025	42994.19	0.0019	P	2.4
3	☐	500.000	474.321	3992596.54	0.1723	A	0.9
4	☐	1250.000	1159.475	9903454.99	0.4212	A	0.4
5	☐	2500.000	2442.013	20231734.14	0.8872	A	1.7
6	☐	5000.000	4810.535	39584709.96	1.7476	A	0.6
7	☐	10000.000	10121.829	76898929.97	3.6770	A	12.6
8	☐			40858.75	0.0019	P	1.3

$$y = 3.6328E-004 * x + 2.8577E-005$$

$$R = 0.9997$$

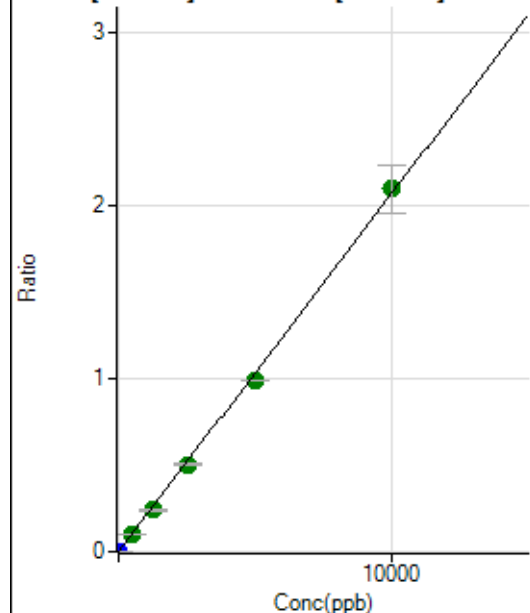
$$DL = 0.01077$$

$$BEC = 0.07867$$

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	384.46	0.0000	P	9.2
2	☐	5.000	4.941	24054.27	0.0010	P	1.2
3	☐	500.000	470.860	2253717.26	0.0973	A	0.7
4	☐	1250.000	1159.473	5630831.51	0.2395	A	0.9
5	☐	2500.000	2438.833	11488930.66	0.5038	A	0.9
6	☐	5000.000	4782.404	22376743.55	0.9879	A	0.2
7	☐	10000.000	10136.863	43767007.68	2.0939	A	13.3
8	☐			21722.64	0.0010	P	1.3

$$y = 2.0656E-004 * x + 1.6670E-005$$

$$R = 0.9996$$

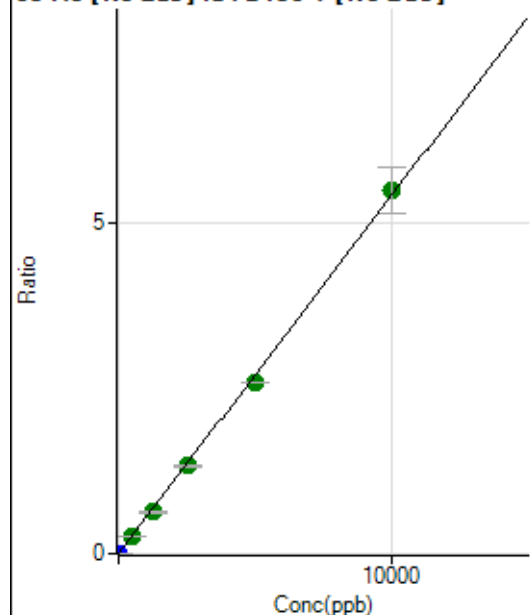
$$DL = 0.02229$$

$$BEC = 0.0807$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	863.37	0.0000	P	3.7
2	☐	5.000	4.963	63060.20	0.0027	P	1.8
3	☐	500.000	469.980	5885463.66	0.2540	A	0.8
4	☐	1250.000	1162.424	14770104.22	0.6283	A	1.9
5	☐	2500.000	2450.725	30207717.33	1.3246	A	0.9
6	☐	5000.000	4786.957	58604015.24	2.5872	A	0.6
7	☐	10000.000	10131.288	114503108.2	5.4756	A	12.7
8	☐			55995.81	0.0027	P	1.3

$$y = 5.4046E-004 * x + 3.7441E-005$$

$$R = 0.9996$$

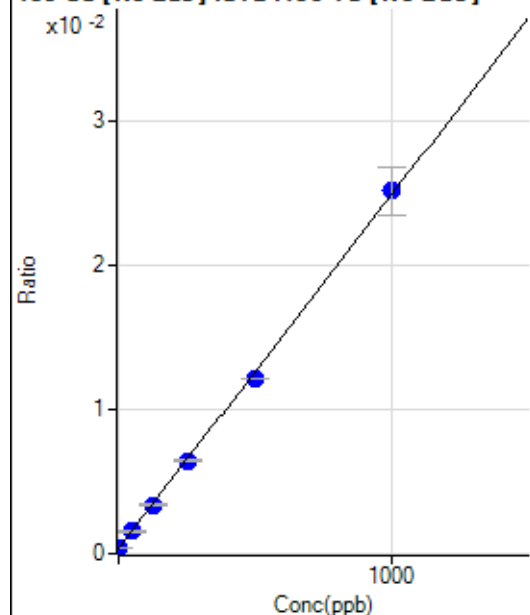
$$DL = 0.007765$$

$$BEC = 0.06927$$

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	6577.18	0.0004	P	1.8
2	☐	1.000	1.031	6926.25	0.0004	P	1.6
3	☐	50.000	47.631	27007.59	0.0016	P	2.3
4	☐	125.000	121.352	57841.71	0.0034	P	3.3
5	☐	250.000	247.776	111146.46	0.0065	P	2.3
6	☐	500.000	480.016	207488.85	0.0122	P	0.6
7	☐	1000.000	1011.123	395713.00	0.0252	P	13.1
8	☐			6154.76	0.0004	P	0.8

$$y = 2.4519E-005 * x + 3.8276E-004$$

$$R = 0.9997$$

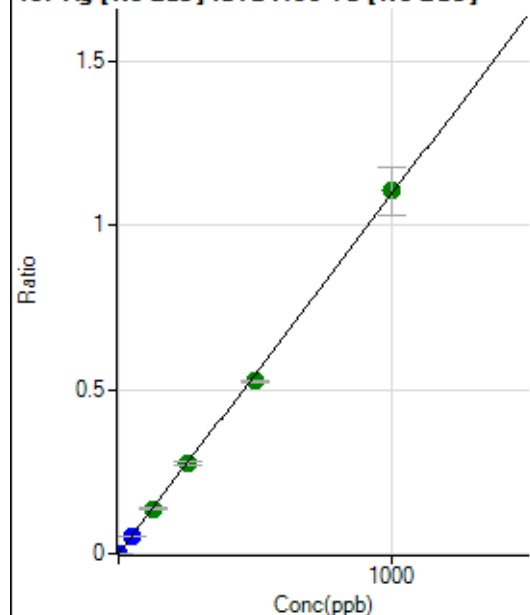
$$DL = 0.865$$

$$BEC = 15.61$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0000	P	12.4
2	☐	1.000	0.996	18631.58	0.0011	P	5.2
3	☐	50.000	47.766	909967.18	0.0522	P	1.7
4	☐	125.000	125.232	2359073.61	0.1370	A	2.6
5	☐	250.000	250.482	4713563.16	0.2739	A	3.3
6	☐	500.000	480.641	8973924.24	0.5256	A	0.8
7	☐	1000.000	1009.642	17350451.68	1.1040	A	13.4
8	☐			2984.80	0.0002	P	5.8

$$y = 0.0011 * x + 9.6972E-006$$

$$R = 0.9997$$

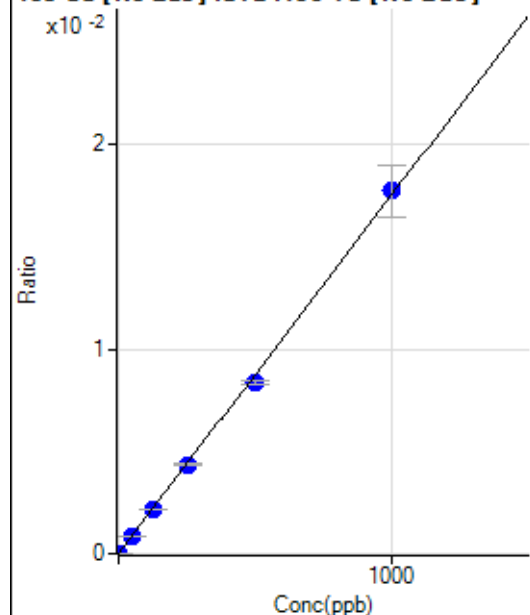
$$DL = 0.003293$$

$$BEC = 0.008868$$

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	53.33	0.0000	P	1.3
2	☐	1.000	1.022	356.68	0.0000	P	2.4
3	☐	50.000	48.663	14907.05	0.0009	P	2.1
4	☐	125.000	122.605	37061.93	0.0022	P	3.0
5	☐	250.000	247.644	74746.76	0.0043	P	2.0
6	☐	500.000	477.966	143054.60	0.0084	P	1.7
7	☐	1000.000	1011.972	278565.51	0.0177	P	14.2
8	☐			238.89	0.0000	P	13.1

$$y = 1.7524\text{E-}005 * x + 3.1034\text{E-}006$$

$$R = 0.9996$$

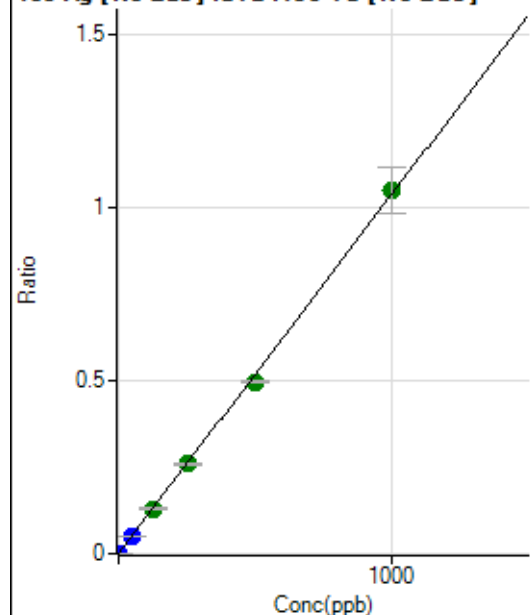
$$DL = 0.006766$$

$$BEC = 0.1771$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0000	P	13.2
2	☐	1.000	1.018	17985.13	0.0011	P	1.3
3	☐	50.000	48.015	867554.66	0.0498	P	2.2
4	☐	125.000	125.109	2235121.37	0.1298	A	3.8
5	☐	250.000	250.925	4479849.79	0.2603	A	2.1
6	☐	500.000	478.954	8482645.43	0.4968	A	1.5
7	☐	1000.000	1010.378	16482051.42	1.0481	A	12.6
8	☐			2774.76	0.0002	P	6.6

$$y = 0.0010 * x + 3.2309\text{E-}006$$

$$R = 0.9997$$

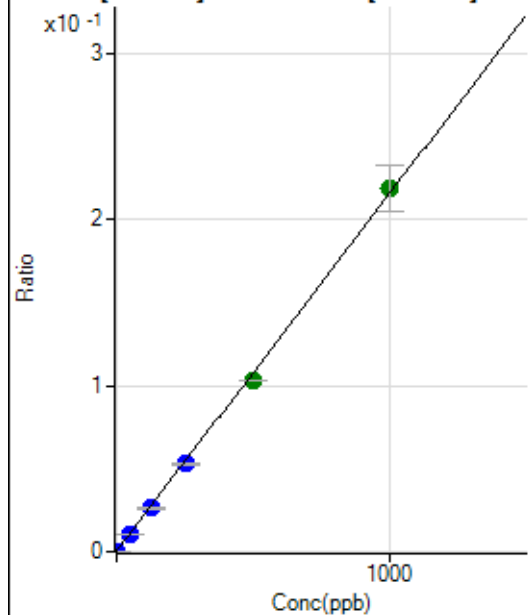
$$DL = 0.001238$$

$$BEC = 0.003115$$

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	4637.81	0.0003	P	2.3
2	☐	1.000	1.080	8528.19	0.0005	P	1.5
3	☐	50.000	47.408	182524.49	0.0105	P	1.0
4	☐	125.000	119.897	449319.16	0.0261	P	3.6
5	☐	250.000	243.816	908234.54	0.0528	P	2.3
6	☐	500.000	477.686	1760824.89	0.1031	A	0.4
7	☐	1000.000	1013.470	3436130.79	0.2185	A	12.6
8	☐			4817.80	0.0003	P	1.8

$$y = 2.1534\text{E-}004 * x + 2.6990\text{E-}004$$

$$R = 0.9996$$

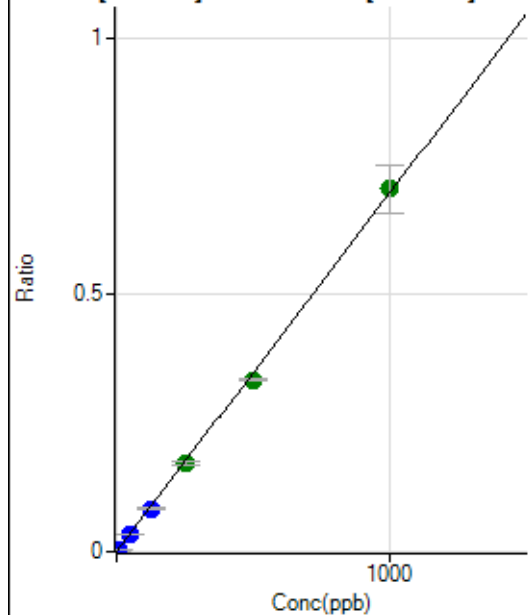
$$DL = 0.08518$$

$$BEC = 1.253$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1580.11	0.0001	P	4.7
2	☐	5.000	5.135	62367.89	0.0037	P	2.4
3	☐	50.000	47.068	573632.99	0.0329	P	1.5
4	☐	125.000	118.842	1429754.15	0.0830	P	3.3
5	☐	250.000	246.433	2960657.42	0.1720	A	2.6
6	☐	500.000	478.852	5706184.22	0.3342	A	1.2
7	☐	1000.000	1012.381	11104881.64	0.7064	A	13.1
8	☐			3367.11	0.0002	P	3.4

$$y = 6.9771\text{E-}004 * x + 9.1964\text{E-}005$$

$$R = 0.9997$$

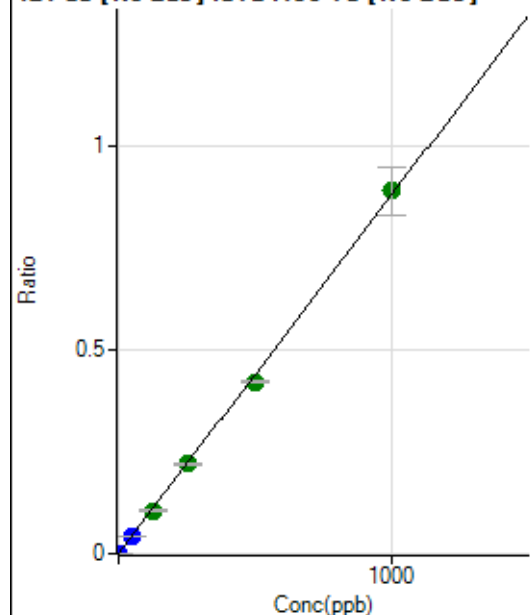
$$DL = 0.01848$$

$$BEC = 0.1318$$

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	66.67	0.0000	P	40.6
2	☐	2.000	2.081	31174.42	0.0018	P	4.0
3	☐	50.000	46.631	715865.76	0.0411	P	1.7
4	☐	125.000	119.591	1815450.67	0.1054	A	2.6
5	☐	250.000	249.544	3784910.22	0.2199	A	2.3
6	☐	500.000	479.171	7209818.29	0.4223	A	0.6
7	☐	1000.000	1011.373	14008858.68	0.8913	A	13.2
8	☐			10514.13	0.0007	P	2.0

$$y = 8.8123E-004 * x + 3.8927E-006$$

$$R = 0.9997$$

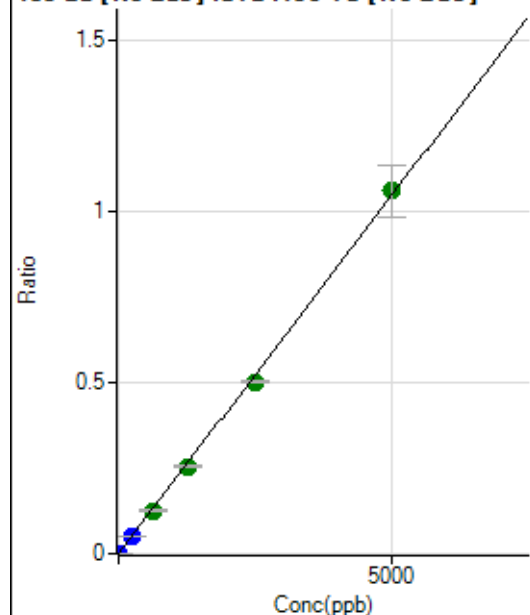
$$DL = 0.005374$$

$$BEC = 0.004417$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.79	0.0000	P	4.3
2	☐	10.000	10.048	36171.58	0.0021	P	2.8
3	☐	250.000	231.406	844024.97	0.0485	P	1.0
4	☐	625.000	599.719	2161937.75	0.1255	A	3.5
5	☐	1250.000	1216.619	4382442.16	0.2546	A	1.8
6	☐	2500.000	2392.048	8546881.33	0.5006	A	1.0
7	☐	5000.000	5066.411	16648381.42	1.0602	A	14.4
8	☐			6340.42	0.0004	P	2.9

$$y = 2.0925E-004 * x + 2.8976E-005$$

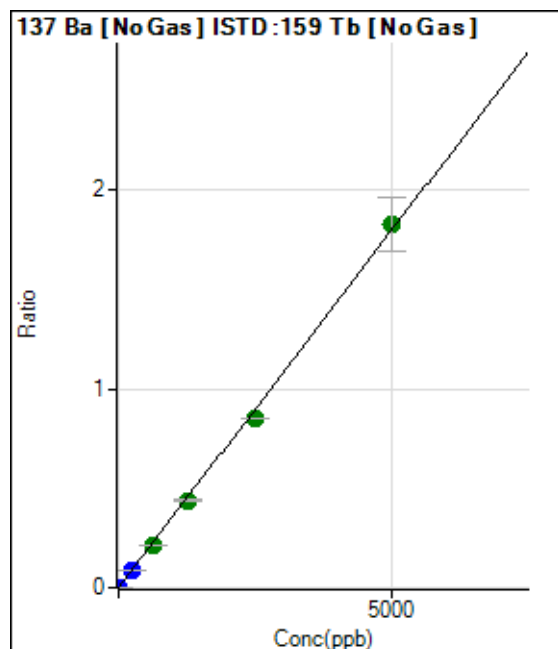
$$R = 0.9996$$

$$DL = 0.01803$$

$$BEC = 0.1385$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	764.48	0.0000	P	6.4
2	☐	10.000	10.175	62747.14	0.0037	P	1.8
3	☐	250.000	233.275	1459240.38	0.0838	P	1.6
4	☐	625.000	595.207	3681607.83	0.2137	A	1.9
5	☐	1250.000	1217.661	7522475.58	0.4371	A	2.7
6	☐	2500.000	2367.858	14511692.56	0.8500	A	0.5
7	☐	5000.000	5078.716	28612529.85	1.8230	A	14.9
8	☐			11334.85	0.0007	P	1.3

$$y = 3.5894E-004 * x + 4.4506E-005$$

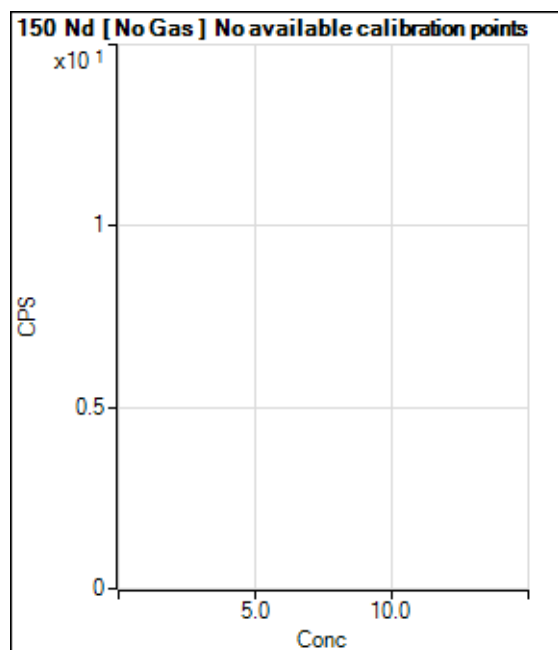
$$R = 0.9995$$

$$DL = 0.02374$$

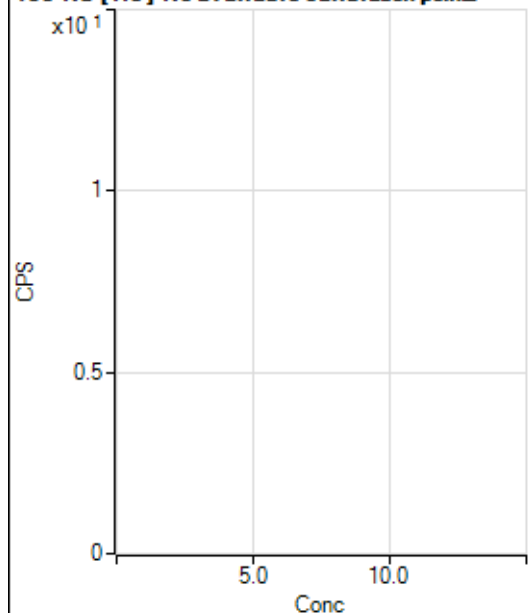
$$BEC = 0.124$$

Weight: <None>

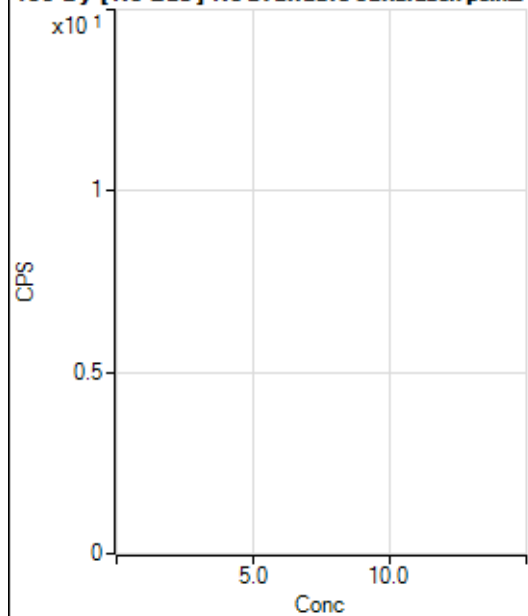
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.34		P	43.3
2	☐			21.11		P	59.8
3	☐			77.78		P	21.6
4	☐			140.00		P	8.6
5	☐			294.45		P	6.5
6	☐			618.91		P	2.8
7	☐			1097.84		P	5.3
8	☐			304.45		P	9.9

150 Nd [He] No available calibration points

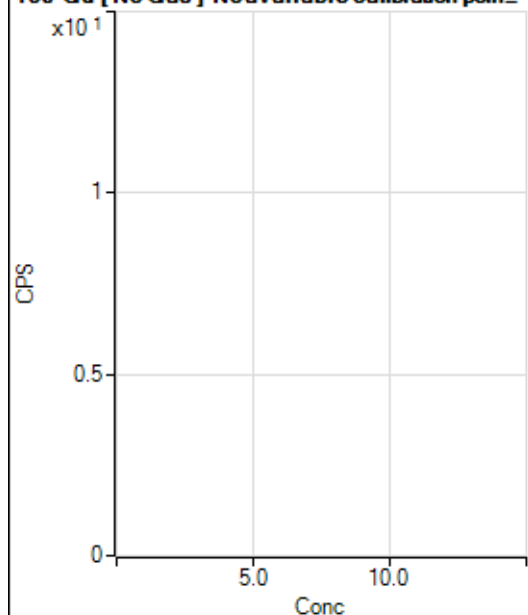
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.6
2	☐			3.33		P	100.1
3	☐			3.33		P	100.1
4	☐			3.33		P	0.0
5	☐			13.33		P	66.2
6	☐			27.78		P	13.9
7	☐			44.44		P	11.5
8	☐			56.67		P	11.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			293.34		P	11.4
2	☐			241.11		P	13.9
3	☐			290.00		P	13.9
4	☐			280.00		P	19.2
5	☐			273.34		P	16.8
6	☐			325.56		P	2.1
7	☐			436.68		P	18.0
8	☐			641.13		P	19.3

156 Dy [He] No available calibration points

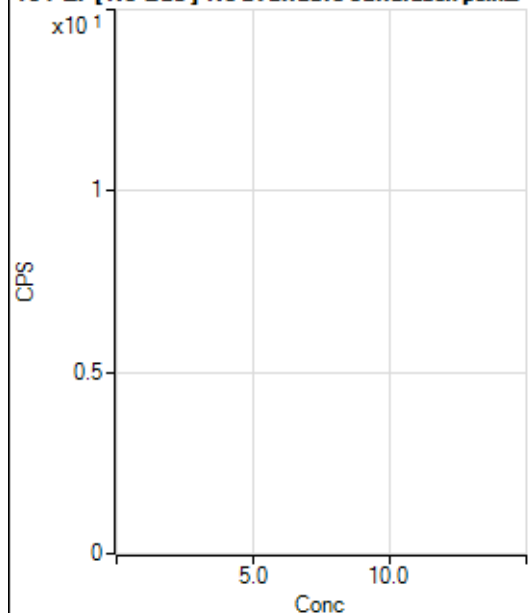
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			7.78		P	49.5
3	☐			7.78		P	24.7
4	☐			10.00		P	100.0
5	☐			13.33		P	50.0
6	☐			24.44		P	39.4
7	☐			48.89		P	30.7
8	☐			163.34		P	25.6

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			68.89		P	10.1
2	☐			90.00		P	7.4
3	☐			80.00		P	36.1
4	☐			88.89		P	14.2
5	☐			106.67		P	6.3
6	☐			145.56		P	10.8
7	☐			201.11		P	9.1
8	☐			508.90		P	1.4

160 Gd [He] No available calibration points

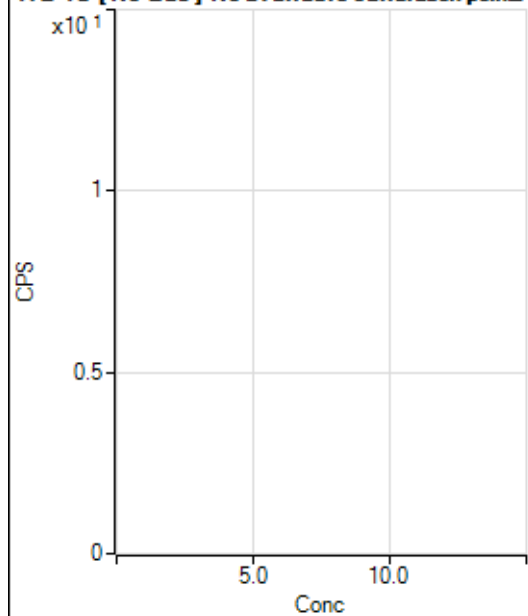
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	16.7
2	☐			10.00		P	33.3
3	☐			21.11		P	32.9
4	☐			28.89		P	17.6
5	☐			25.56		P	7.5
6	☐			42.22		P	9.1
7	☐			58.89		P	23.6
8	☐			186.67		P	7.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			98.89		P	25.3
2	☐			75.55		P	14.2
3	☐			100.00		P	10.0
4	☐			93.34		P	12.9
5	☐			128.89		P	12.2
6	☐			151.11		P	16.3
7	☐			221.12		P	7.7
8	☐			552.24		P	13.1

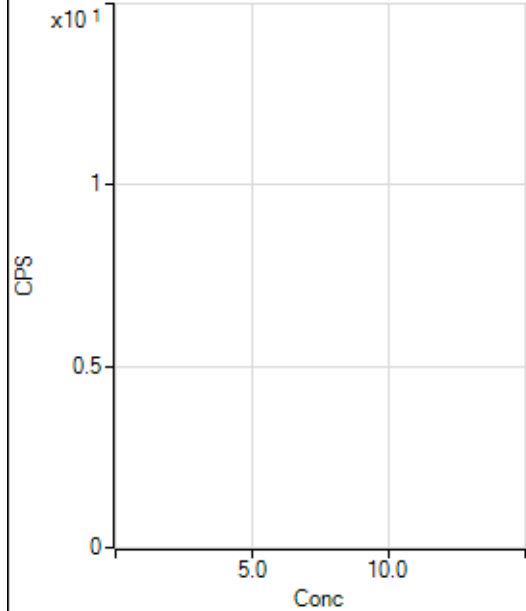
164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	50.6
2	☐			21.11		P	36.5
3	☐			23.33		P	74.2
4	☐			25.55		P	15.1
5	☐			40.00		P	43.3
6	☐			50.00		P	20.0
7	☐			77.78		P	13.8
8	☐			183.34		P	26.8

172 Yb [No Gas] No available calibration points

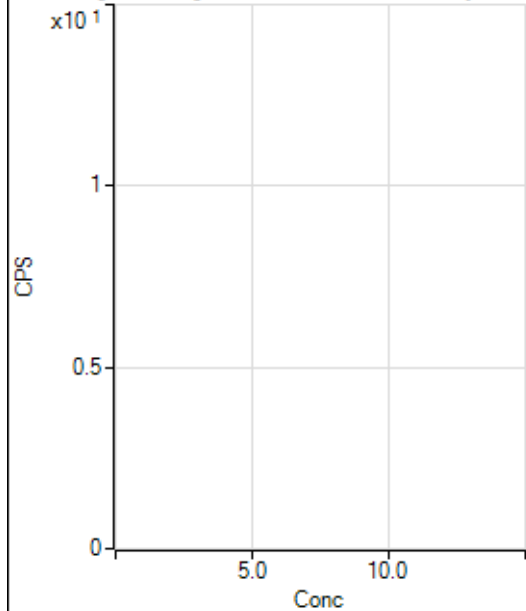
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105.56		P	17.4
2	☐			95.55		P	7.3
3	☐			103.34		P	16.8
4	☐			117.78		P	17.3
5	☐			131.11		P	16.5
6	☐			157.78		P	8.5
7	☐			241.12		P	11.3
8	☐			673.36		P	1.7

172 Yb [He] No available calibration points



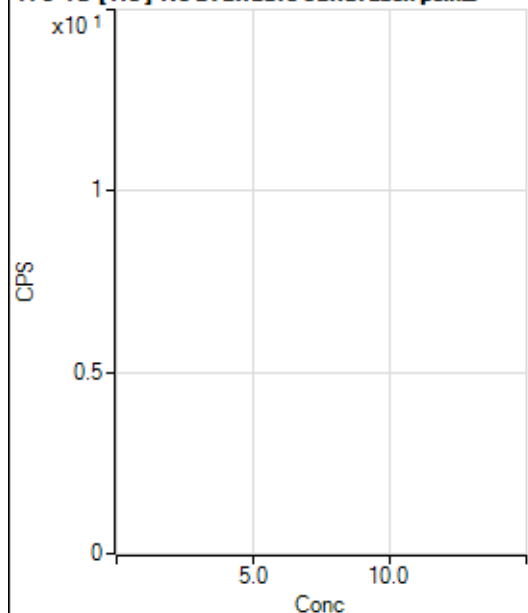
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	6.7
2	☐			26.67		P	43.3
3	☐			36.67		P	18.2
4	☐			44.44		P	21.7
5	☐			38.89		P	27.5
6	☐			67.78		P	7.5
7	☐			103.34		P	14.1
8	☐			284.45		P	9.8

176 Yb [No Gas] No available calibration points



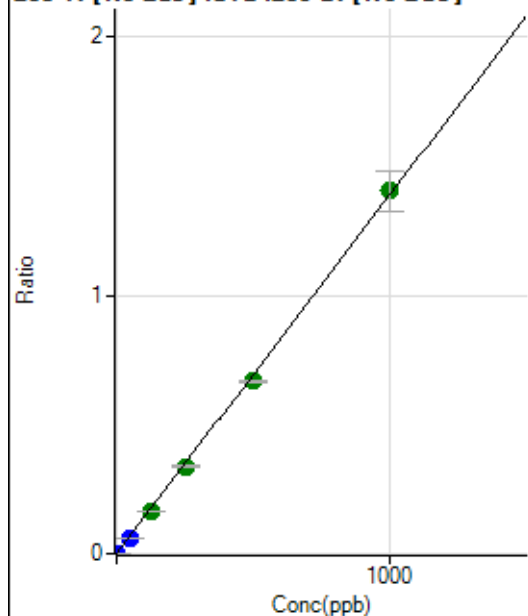
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1592.34		P	5.0
2	☐			1627.90		P	8.4
3	☐			4885.39		P	2.8
4	☐			9863.78		P	2.2
5	☐			18577.61		P	1.6
6	☐			34333.45		P	1.3
7	☐			66367.89		P	0.4
8	☐			1963.50		P	3.1

176 Yb [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			294.45		P	4.3
2	☐			268.90		P	3.8
3	☐			1291.18		P	4.7
4	☐			2902.57		P	5.9
5	☐			5769.09		P	2.3
6	☐			10845.69		P	0.4
7	☐			20909.93		P	0.8
8	☐			403.34		P	2.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	490.01	0.0000	P	3.9
2	☐	1.000	0.985	15524.92	0.0014	P	1.6
3	☐	50.000	45.136	703638.48	0.0627	P	0.4
4	☐	125.000	117.047	1800007.59	0.1625	A	0.3
5	☐	250.000	242.460	3636911.16	0.3366	A	1.7
6	☐	500.000	481.776	7041877.33	0.6689	A	0.8
7	☐	1000.000	1012.234	13565214.10	1.4053	A	11.3
8	☐			1373.42	0.0002	P	5.2

$$y = 0.0014 * x + 4.4065E-005$$

$$R = 0.9997$$

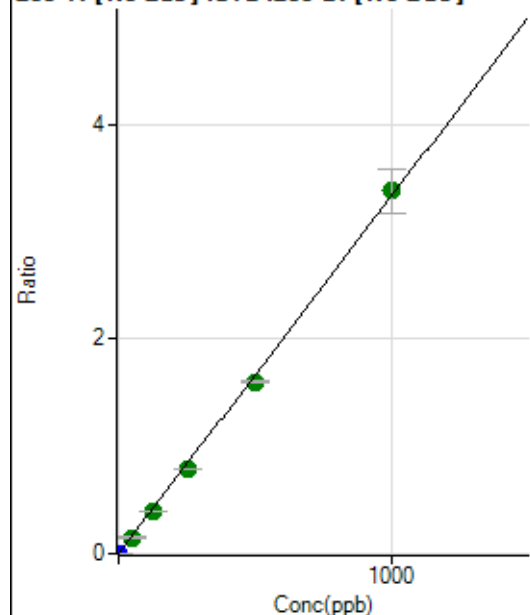
$$DL = 0.003733$$

$$BEC = 0.03174$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1178.95	0.0001	P	4.1
2	☐	1.000	0.980	37101.85	0.0034	P	1.1
3	☐	50.000	45.640	1708752.72	0.1523	A	0.6
4	☐	125.000	117.041	4322237.43	0.3903	A	2.2
5	☐	250.000	237.157	8544196.68	0.7908	A	0.7
6	☐	500.000	479.717	16840142.11	1.5996	A	1.3
7	☐	1000.000	1014.565	32641966.46	3.3829	A	12.0
8	☐			3261.56	0.0004	P	7.6

$$y = 0.0033 * x + 1.0600E-004$$

$$R = 0.9996$$

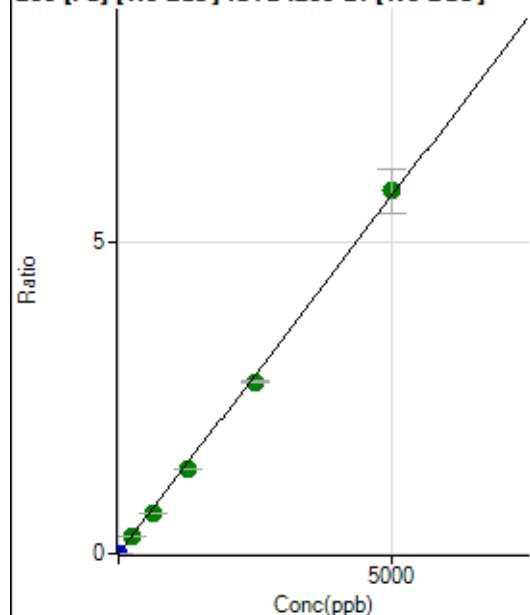
$$DL = 0.00395$$

$$BEC = 0.03179$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1215.62	0.0001	P	6.1
2	☐	1.000	0.963	13351.40	0.0012	P	0.9
3	☐	250.000	234.725	3019714.44	0.2691	A	1.5
4	☐	625.000	573.348	7277684.20	0.6572	A	1.5
5	☐	1250.000	1185.419	14679267.42	1.3587	A	0.7
6	☐	2500.000	2401.329	28974948.46	2.7522	A	1.1
7	☐	5000.000	5072.701	56105316.94	5.8138	A	11.9
8	☐			10773.48	0.0012	P	5.3

$$y = 0.0011 * x + 1.0932E-004$$

$$R = 0.9996$$

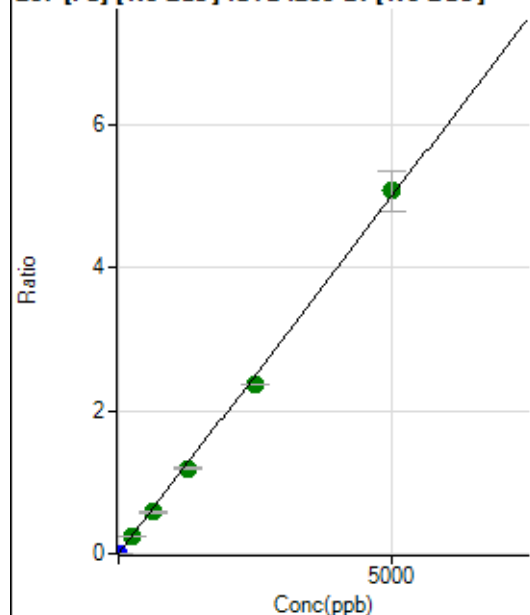
$$DL = 0.01754$$

$$BEC = 0.09539$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1080.06	0.0001	P	9.0
2	☐	1.000	0.960	11608.62	0.0011	P	0.8
3	☐	250.000	230.606	2583561.82	0.2303	A	1.5
4	☐	625.000	579.099	6401518.93	0.5781	A	0.8
5	☐	1250.000	1195.976	12897417.31	1.1938	A	0.7
6	☐	2500.000	2378.512	24993906.85	2.3740	A	0.3
7	☐	5000.000	5080.958	48954045.94	5.0712	A	11.4
8	☐			9215.60	0.0010	P	4.9

$$y = 9.9806E-004 * x + 9.7095E-005$$

$$R = 0.9995$$

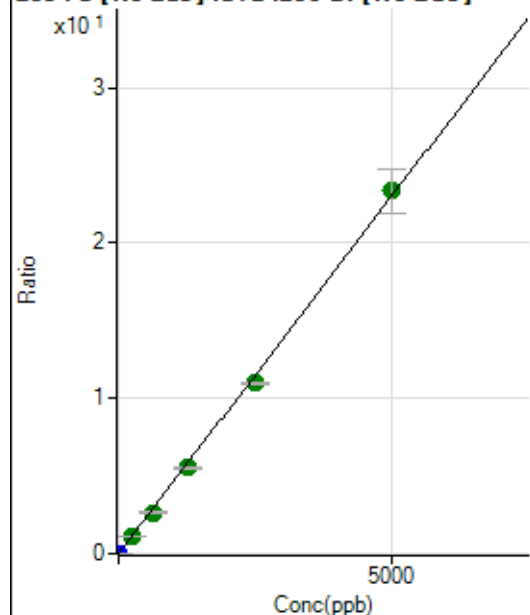
$$DL = 0.02638$$

$$BEC = 0.09728$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5026.00	0.0005	P	1.9
2	☐	1.000	0.959	53492.59	0.0049	P	0.8
3	☐	250.000	230.309	11887692.96	1.0595	A	1.2
4	☐	625.000	578.512	29462660.25	2.6606	A	1.0
5	☐	1250.000	1202.637	59749900.91	5.5304	A	0.9
6	☐	2500.000	2382.490	115340365.5	10.9556	A	0.6
7	☐	5000.000	5077.391	225271316.6	23.3472	A	12.0
8	☐			42676.96	0.0047	P	5.4

$$y = 0.0046 * x + 4.5194E-004$$

$$R = 0.9995$$

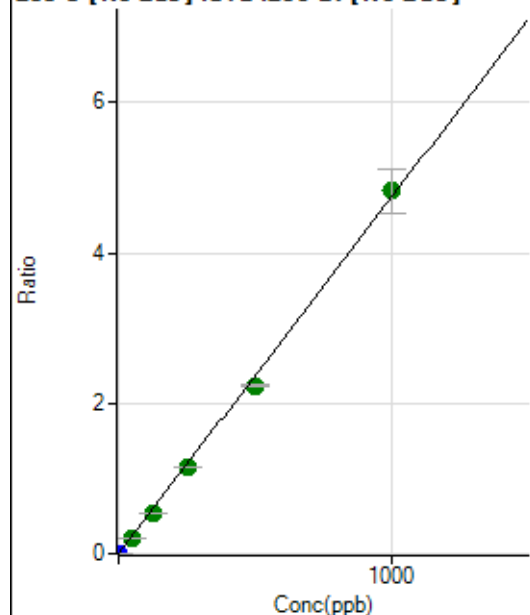
$$DL = 0.005703$$

$$BEC = 0.09829$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	425.57	0.0000	P	7.7
2	☐	1.000	0.938	49336.41	0.0045	P	1.6
3	☐	50.000	45.347	2412296.23	0.2150	A	1.8
4	☐	125.000	114.447	6007435.74	0.5425	A	1.8
5	☐	250.000	241.627	12374318.15	1.1454	A	0.7
6	☐	500.000	471.558	23532798.82	2.2352	A	0.7
7	☐	1000.000	1017.866	46537394.30	4.8247	A	12.4
8	☐			2202.48	0.0002	P	17.3

$$y = 0.0047 * x + 3.8260E-005$$

$$R = 0.9994$$

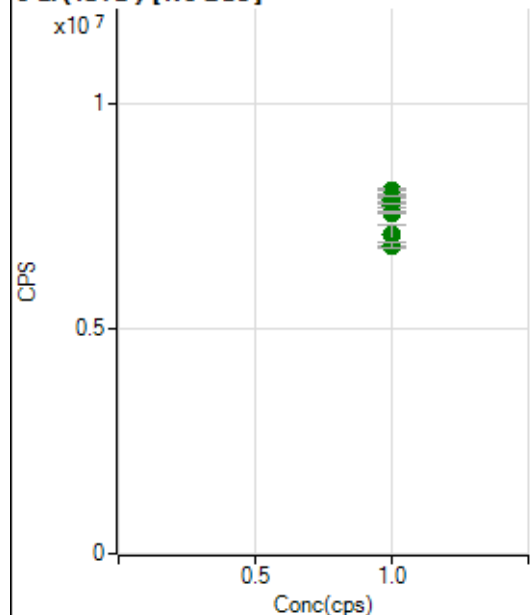
$$DL = 0.001865$$

$$BEC = 0.008072$$

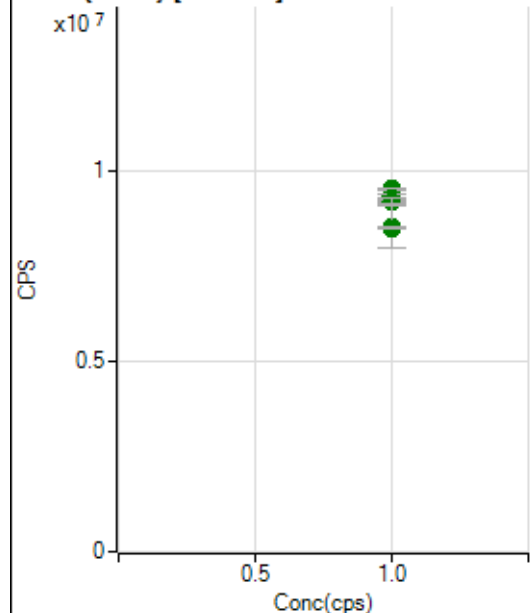
Weight: <None>

Min Conc: 0

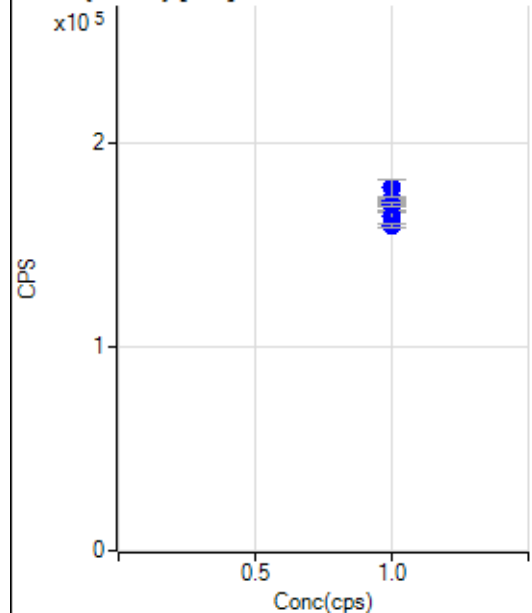
6 Li (ISTD) [No Gas]



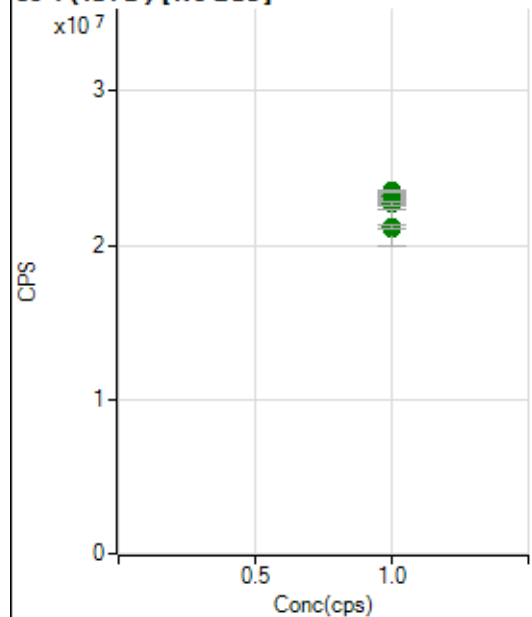
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8068135.09		A	1.6
2	☐	1.000		7996189.34		A	1.9
3	☐	1.000		7960061.72		A	0.4
4	☐	1.000		7871627.78		A	1.6
5	☐	1.000		7749319.94		A	1.2
6	☐	1.000		7576392.34		A	0.7
7	☐	1.000		7084173.29		A	7.0
8	☐	1.000		6862584.06		A	1.7

45 Sc (ISTD) [No Gas]

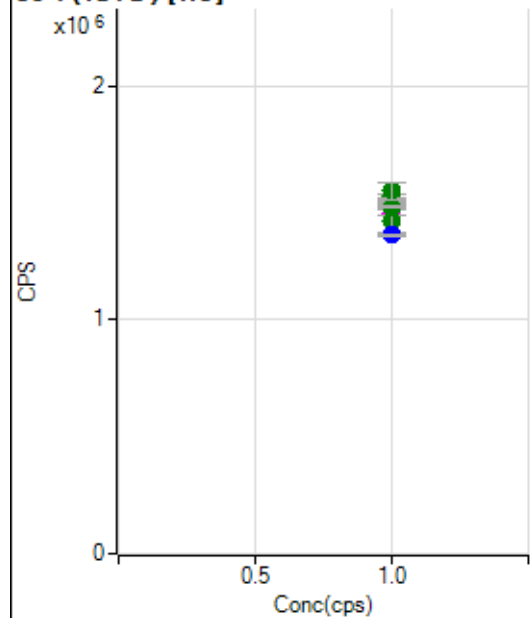
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9475628.68		A	1.6
2	☐	1.000		9324203.47		A	1.7
3	☐	1.000		9358616.39		A	1.1
4	☐	1.000		9531234.16		A	0.5
5	☐	1.000		9282548.40		A	2.0
6	☐	1.000		9218058.96		A	1.4
7	☐	1.000		8519738.35		A	12.9
8	☐	1.000		8498597.44		A	0.5

45 Sc (ISTD) [He]

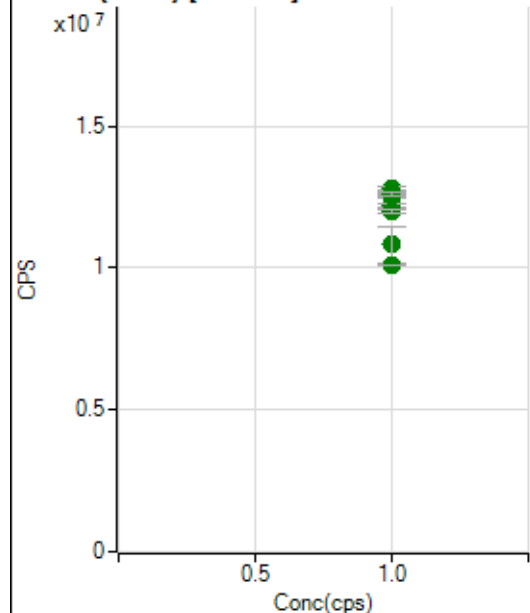
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		170617.17		P	1.0
2	☐	1.000		166884.92		P	0.3
3	☐	1.000		172507.76		P	0.8
4	☐	1.000		171955.39		P	0.9
5	☐	1.000		164080.01		P	6.5
6	☐	1.000		169802.50		P	1.4
7	☐	1.000		178212.80		P	4.8
8	☐	1.000		159480.53		P	1.4

89 Y (ISTD) [No Gas]

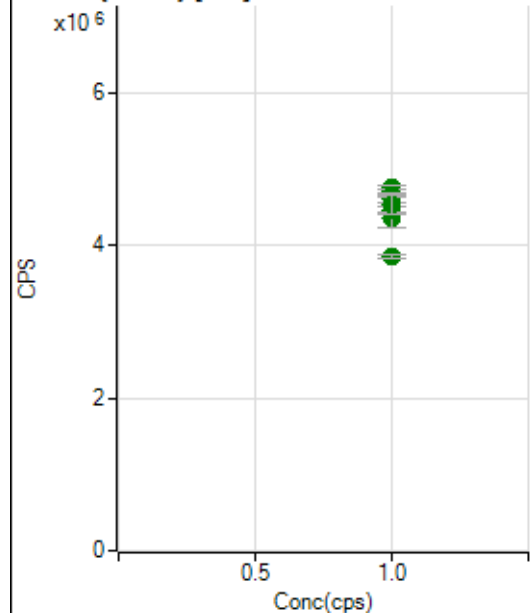
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23058398.55		A	0.6
2	☐	1.000		23191767.71		A	1.4
3	☐	1.000		23168856.60		A	1.5
4	☐	1.000		23510334.93		A	0.7
5	☐	1.000		22806556.33		A	0.6
6	☐	1.000		22651559.66		A	1.0
7	☐	1.000		21107755.10		A	11.0
8	☐	1.000		21130643.85		A	1.3

89 Y (ISTD) [He]

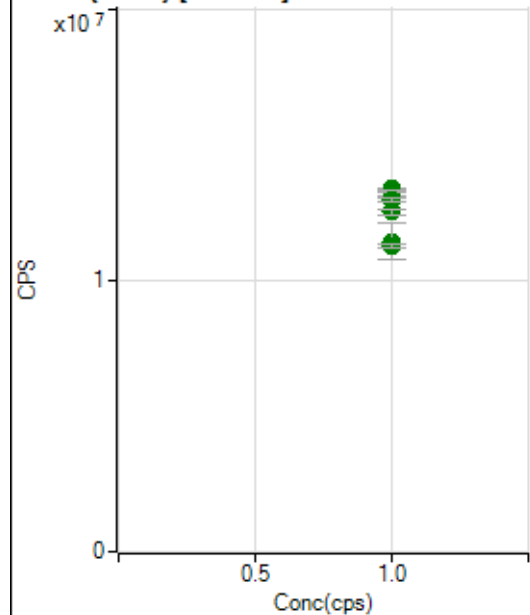
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1479770.27		A	1.4
2	☐	1.000		1456323.07		M	1.6
3	☐	1.000		1499016.85		A	1.0
4	☐	1.000		1527904.34		A	0.6
5	☐	1.000		1419823.33		A	6.6
6	☐	1.000		1481121.49		A	0.6
7	☐	1.000		1549730.91		A	4.7
8	☐	1.000		1360387.57		P	1.0

103 Rh (ISTD) [No Gas]

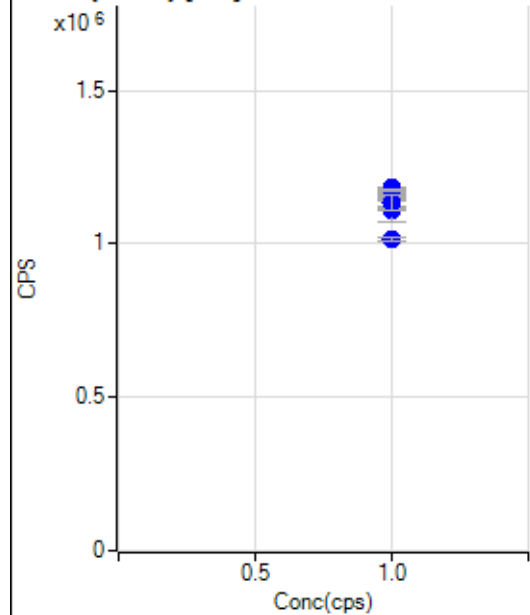
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12782320.09		A	0.9
2	☐	1.000		12561536.48		A	2.0
3	☐	1.000		12649932.31		A	0.4
4	☐	1.000		12608836.48		A	1.1
5	☐	1.000		12201865.37		A	1.1
6	☐	1.000		11977403.29		A	0.8
7	☐	1.000		10811859.21		A	12.1
8	☐	1.000		10089469.99		A	0.2

103 Rh (ISTD) [He]

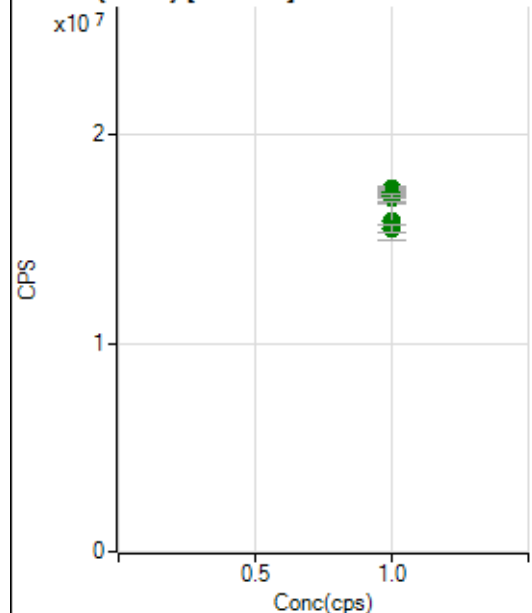
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4704888.12		A	1.5
2	☐	1.000		4603634.48		A	2.0
3	☐	1.000		4755815.48		A	1.2
4	☐	1.000		4652052.99		A	1.1
5	☐	1.000		4370036.22		A	6.7
6	☐	1.000		4470309.76		A	1.4
7	☐	1.000		4532467.99		A	5.4
8	☐	1.000		3854420.98		A	0.9

115 In (ISTD) [No Gas]

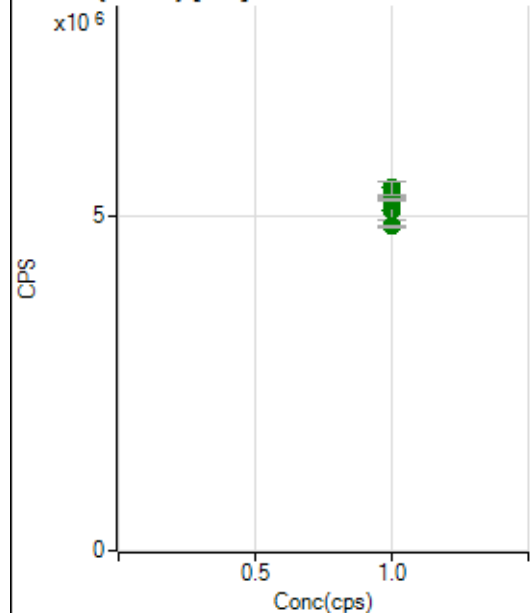
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13212693.86		A	1.8
2	☐	1.000		13057363.74		A	2.6
3	☐	1.000		13364918.64		A	0.6
4	☐	1.000		13274282.88		A	0.5
5	☐	1.000		12963308.84		A	1.1
6	☐	1.000		12509024.83		A	1.6
7	☐	1.000		11429489.40		A	11.9
8	☐	1.000		11256718.27		A	1.3

115 In (ISTD) [He]

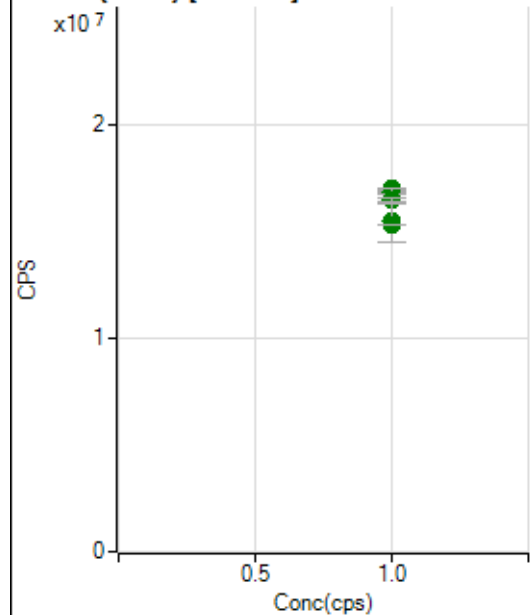
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1162723.01		P	1.0
2	☐	1.000		1151089.32		P	0.4
3	☐	1.000		1182332.40		P	0.3
4	☐	1.000		1175940.61		P	0.5
5	☐	1.000		1106871.18		P	6.6
6	☐	1.000		1116930.51		P	0.7
7	☐	1.000		1134549.26		P	4.4
8	☐	1.000		1013586.67		P	1.2

159 Tb (ISTD) [No Gas]

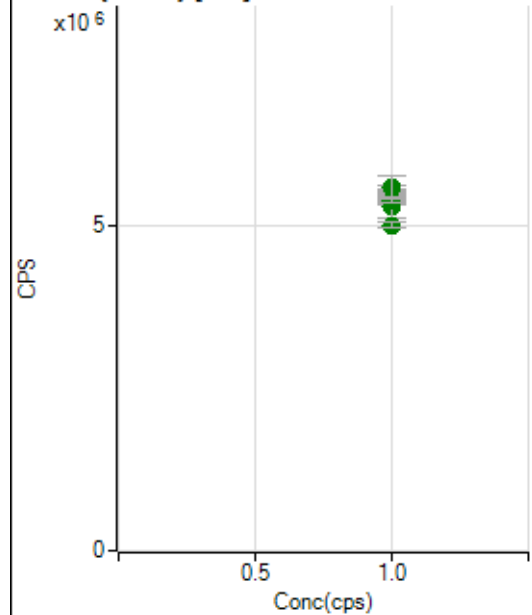
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17186030.44		A	1.3
2	☐	1.000		16978903.50		A	2.9
3	☐	1.000		17421142.24		A	1.7
4	☐	1.000		17233090.30		A	2.4
5	☐	1.000		17215332.52		A	1.8
6	☐	1.000		17073693.91		A	0.7
7	☐	1.000		15883526.98		A	11.9
8	☐	1.000		15507671.30		A	1.9

159 Tb (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5289169.61		A	0.8
2	☐	1.000		5233614.78		A	0.7
3	☐	1.000		5270020.65		A	0.6
4	☐	1.000		5290982.25		A	0.7
5	☐	1.000		5069037.11		A	5.9
6	☐	1.000		5229326.48		A	0.6
7	☐	1.000		5410218.32		A	4.0
8	☐	1.000		4834974.96		A	1.0

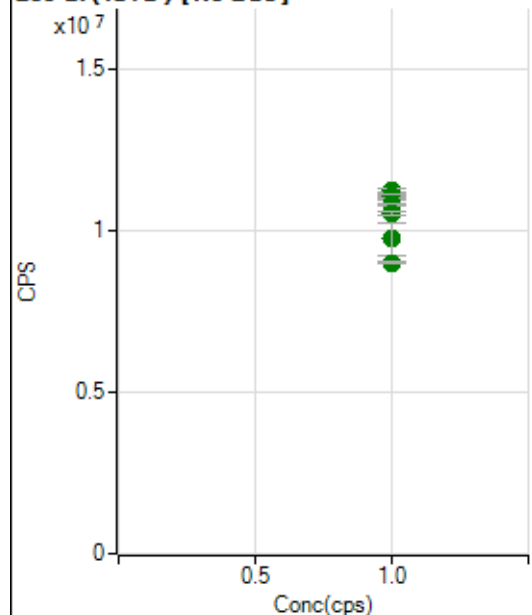
165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16707541.97		A	1.2
2	☐	1.000		16577442.67		A	1.8
3	☐	1.000		16991175.58		A	0.6
4	☐	1.000		16968499.47		A	0.9
5	☐	1.000		16860305.03		A	1.5
6	☐	1.000		16446976.42		A	1.3
7	☐	1.000		15452593.52		A	12.2
8	☐	1.000		15300546.72		A	0.3

165 Ho (ISTD) [He]

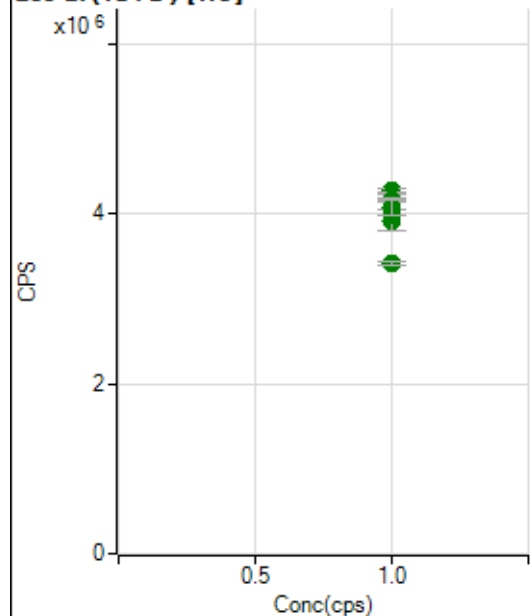
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5421287.83		A	1.2
2	☐	1.000		5376568.01		A	1.8
3	☐	1.000		5591004.92		A	1.1
4	☐	1.000		5509994.64		A	1.1
5	☐	1.000		5317883.67		A	6.9
6	☐	1.000		5409730.82		A	1.3
7	☐	1.000		5593917.42		A	6.3
8	☐	1.000		5014598.43		A	1.9

209 Bi (ISTD) [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11121104.97		A	0.4
2	☐	1.000		11003452.75		A	0.8
3	☐	1.000		11221479.42		A	1.0
4	☐	1.000		11074504.00		A	1.1
5	☐	1.000		10804286.51		A	0.7
6	☐	1.000		10528303.80		A	0.7
7	☐	1.000		9729228.95		A	10.5
8	☐	1.000		9003517.92		A	0.8

209 Bi (ISTD) [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4264118.37		A	1.0
2	☐	1.000		4175410.63		A	0.7
3	☐	1.000		4230536.85		A	0.5
4	☐	1.000		4154641.43		A	1.2
5	☐	1.000		3918098.14		A	6.3
6	☐	1.000		3983710.84		A	0.2
7	☐	1.000		4067287.16		A	4.1
8	☐	1.000		3408381.44		A	1.4

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8021225MSA-2.b
Acq. Date-Time 2025-02-12 13:01:38
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		32308	323078.19			0.942	5.000
24		288170	2881704.78			1.361	5.000
25		38031	380307.73			1.193	5.000
26		42922	429221.99			1.140	5.000
59		168972	1689717.04			1.104	5.000
113		18490	184895.11			0.895	5.000
115		246354	2463544.77			0.838	5.000
206		56346	563456.03			0.230	5.000
207		48530	485299.33			0.410	5.000
208		123373	1233729.52			1.180	5.000
220		1	5.30			37.499	

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

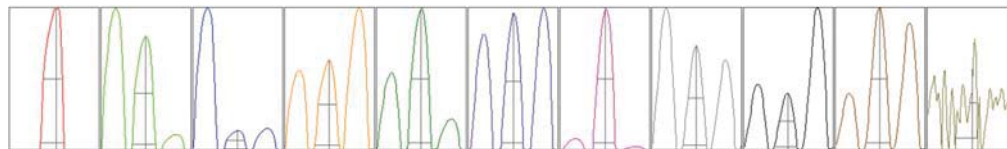
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	32680	32489	32375	32034	31961
24	292379	290196	290218	283241	284819
25	38551	38416	38010	37664	37512
26	43559	43234	42876	42620	42321
59	169913	171066	169780	166495	167604
113	18747	18501	18499	18397	18303
115	248633	246478	245226	247927	243509
206	56494	56241	56471	56308	56215
207	48824	48566	48514	48271	48474
208	123858	124029	124784	120964	123229

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	54784.04	9.10	8.90 - 9.10	
24	506259.45	24.00	23.90 - 24.10	
25	67625.41	25.00	24.90 - 25.10	
26	76960.69	26.00	25.90 - 26.10	
59	304876.09	59.00	58.90 - 59.10	
113	37242.16	113.05	112.90 - 113.10	
115	491633.37	115.05	114.90 - 115.10	
206	112775.04	206.00	205.90 - 206.10	
207	96873.54	207.00	206.90 - 207.10	
208	242522.55	208.00	207.90 - 208.10	
220	0.90	220.05	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.784	0.900	
24	0.61	0.781	0.900	
25	0.60	0.742	0.900	
26	0.60	0.817	0.900	
59	0.58	0.781	0.900	
113	0.52	0.728	0.900	
115	0.52	0.730	0.900	
206	0.50	0.783	0.900	
207	0.50	0.771	0.900	
208	0.51	0.810	0.900	
220	0.25	0.728		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.72 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.0 V	Deflect	14.4 V
Extract 2	-220.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	150 V		

QP Parameters

Mass Gain	103	Axis Gain	0.9962	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.04		

Hardware Settings

Torch

Torch H	-0.1 mm	Torch V	1.1 mm
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EM

Discriminator	4.1 mV	Analog HV	2177 V	Pulse HV	1090 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		30187	301872.16			0.591	
89		28371	283709.05			0.866	
205		31798	317980.41			0.220	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	30347	30340	30128	30206	29915
89	28582	28651	28236	28329	28057
205	31857	31777	31886	31736	31734

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.72 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	-6.0 V	Omega Lens	9.0 V	Deflect	3.2 V
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US EPA Tune Check Report

Extract 2	-220.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	103	Axis Gain	0.9962	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.04		
Hardware Settings					
Torch					
Torch H	-0.1 mm	Torch V	1.1 mm		
EM					
Discriminator	4.1 mV	Analog HV	2177 V	Pulse HV	1090 V

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:30:55 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	-0.36	0.54	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	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Cadmium	106-1	-0.30	0.04	0.27	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.00	0.03	0.00	N/A	ppb
Calcium	43-1	1.10	-0.68	-0.42	0.00	N/A	ppb
Calcium	44-1	-0.60	-0.15	0.75	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	-0.02	0.01	0.01	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	54-2	-0.02	0.19	-0.17	0.00	N/A	ppb
Iron	56-2	-0.12	0.15	-0.03	0.00	N/A	ppb
Iron	57-2	0.09	-0.39	0.31	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:30:55 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.19	0.74	-0.55	0.00	N/A	ppb
Manganese	55-2	0.04	0.01	-0.06	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	0.00	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	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.02	0.09	0.00	N/A	ppb
Phosphorus	31-2	-25.51	-35.52	-17.26	-26.10		ppb
Potassium	39-2	0.33	2.46	-2.78	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.06	-0.18	0.25	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.71	0.52	0.19	0.00	N/A	ppb
Silicon	28-1	-0.60	0.50	0.09	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	0.80	0.88	-1.68	0.00	N/A	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-181.03	111.32	-34.10	-34.60		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.00	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:30:55 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.01	0.04	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:34:17 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.19	21.28	21.82	21.76	2.10	ppb
Antimony	121-1	2.06	2.17	2.01	2.08	3.99	ppb
Arsenic	75-2	1.15	1.30	1.08	1.18	9.15	ppb
Barium	135-1	9.92	10.38	9.84	10.05	2.86	ppb
Barium	137-1	10.10	10.38	10.04	10.18	1.79	ppb
Beryllium	9-1	1.07	1.11	1.02	1.07	4.38	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	1.03	1.05	0.99	1.02	2.87	ppb
Cadmium	106-1	1.14	1.22	0.73	1.03	25.64	ppb
Cadmium	111-1	1.10	1.10	1.04	1.08	3.21	ppb
Calcium	43-1	545.77	584.14	568.21	566.04	3.41	ppb
Calcium	44-1	551.55	564.12	548.83	554.83	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.30	2.40	2.36	2.35	2.12	ppb
Cobalt	59-2	1.25	1.26	1.18	1.23	3.43	ppb
Copper	63-2	2.27	2.34	2.36	2.33	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	60.07	60.70	60.67	60.48	0.59	ppb
Iron	56-2	58.88	57.69	58.10	58.23	1.04	ppb
Iron	57-2	56.24	53.54	55.88	55.22	2.66	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.96	0.95	0.96	0.96	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:34:17 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.96	0.95	0.97	0.96	0.90	ppb
Lead	208-1	0.96	0.97	0.95	0.96	0.85	ppb
Lithium	6-1				99		%
Magnesium	24-2	564.25	572.29	569.64	568.73	0.72	ppb
Manganese	55-2	1.14	1.18	1.22	1.18	3.30	ppb
Molybdenum	94-1	5.81	6.03	5.76	5.87	2.50	ppb
Molybdenum	95-1	4.97	5.02	4.94	4.98	0.81	ppb
Molybdenum	96-1	5.11	5.08	4.88	5.03	2.45	ppb
Molybdenum	97-1	4.98	4.97	4.87	4.94	1.26	ppb
Molybdenum	98-1	4.95	5.06	4.88	4.96	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.16	1.09	1.13	3.11	ppb
Phosphorus	31-2	35.22	24.90	18.17	26.10	32.92	ppb
Potassium	39-2	536.58	525.68	524.66	528.97	1.25	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	5.77	5.29	5.45	5.50	4.42	ppb
Selenium	77-2	4.07	5.20	5.26	4.85	13.79	ppb
Selenium	78-2	5.05	4.24	6.80	5.36	24.35	ppb
Silicon	28-1	6.15	7.27	5.49	6.31	14.30	ppb
Silver	107-1	0.98	1.05	0.96	1.00	5.20	ppb
Silver	109-1	1.00	1.03	1.02	1.02	1.31	ppb
Sodium	23-2	567.69	575.94	564.79	569.47	1.02	ppb
Strontium	86-1	0.99	1.06	0.96	1.00	5.12	ppb
Strontium	88-1	0.99	1.01	0.98	0.99	1.66	ppb
Sulfur	34-1	-48.57	271.51	-119.13	34.60	601.59	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	1.00	0.99	0.97	0.98	1.64	ppb
Thallium	205-1	0.99	0.98	0.97	0.98	1.12	ppb
Tin	118-1	5.10	5.28	5.03	5.14	2.49	ppb
Titanium	47-1	5.06	5.28	5.23	5.19	2.25	ppb
Uranium	238-1	0.96	0.93	0.93	0.94	1.66	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:34:17 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.80	5.67	5.79	5.75	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	5.98	6.01	5.99	5.99	0.27	ppb
Zirconium	90-1	0.97	0.99	0.94	0.97	2.58	ppb
Zirconium	91-1	0.97	0.93	0.95	0.95	1.82	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:37:40 DataFile Name : 006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	980.61	1000.98	992.14	991.24	1.03	ppb
Antimony	121-1	46.51	45.91	47.48	46.63	1.70	ppb
Arsenic	75-2	52.27	52.67	50.51	51.81	2.22	ppb
Barium	135-1	230.69	229.49	234.03	231.41	1.02	ppb
Barium	137-1	233.82	229.20	236.81	233.27	1.64	ppb
Beryllium	9-1	47.06	47.56	47.92	47.51	0.91	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	49.51	47.50	48.98	48.66	2.15	ppb
Cadmium	106-1	49.20	46.34	47.35	47.63	3.04	ppb
Cadmium	111-1	47.70	46.82	47.71	47.41	1.08	ppb
Calcium	43-1	5170.03	5202.57	5127.46	5166.69	0.73	ppb
Calcium	44-1	5215.15	5318.31	5117.98	5217.15	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.60	51.37	50.84	50.94	0.78	ppb
Cobalt	59-2	52.85	53.63	53.67	53.38	0.87	ppb
Copper	63-2	549.25	554.44	549.24	550.98	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	2609.62	2629.83	2621.77	2620.40	0.39	ppb
Iron	56-2	2631.64	2640.48	2595.86	2622.66	0.90	ppb
Iron	57-2	2558.64	2597.75	2578.79	2578.39	0.76	ppb
Krypton	83-1						cps
Lead	206-1	234.10	238.43	231.65	234.73	1.46	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:37:40 DataFile Name : 006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	231.35	233.74	226.73	230.61	1.54	ppb
Lead	208-1	231.75	232.12	227.06	230.31	1.23	ppb
Lithium	6-1				99		%
Magnesium	24-2	5123.96	5275.92	5129.94	5176.61	1.66	ppb
Manganese	55-2	513.71	531.42	524.90	523.34	1.71	ppb
Molybdenum	94-1	478.69	475.71	465.55	473.31	1.46	ppb
Molybdenum	95-1	475.86	476.29	478.33	476.83	0.28	ppb
Molybdenum	96-1	476.78	476.92	469.26	474.32	0.92	ppb
Molybdenum	97-1	473.60	467.00	471.98	470.86	0.73	ppb
Molybdenum	98-1	474.21	468.93	466.80	469.98	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.98	53.47	52.78	52.74	1.42	ppb
Phosphorus	31-2	1030.46	971.84	1009.33	1003.88	2.96	ppb
Potassium	39-2	2421.44	2456.63	2431.73	2436.60	0.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	47.80	48.00	48.63	48.14	0.91	ppb
Selenium	77-2	51.60	63.92	75.69	63.73	18.90	ppb
Selenium	78-2	51.39	50.62	51.16	51.06	0.77	ppb
Silicon	28-1	49.48	49.61	46.68	48.59	3.40	ppb
Silver	107-1	47.85	46.91	48.54	47.77	1.72	ppb
Silver	109-1	48.16	46.89	49.00	48.01	2.21	ppb
Sodium	23-2	5116.80	5322.58	5190.45	5209.94	2.00	ppb
Strontium	86-1	46.21	46.01	45.14	45.79	1.25	ppb
Strontium	88-1	47.40	47.78	47.58	47.59	0.40	ppb
Sulfur	34-1	1100.34	946.94	779.21	942.17	17.05	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	44.97	45.35	45.08	45.14	0.43	ppb
Thallium	205-1	45.52	45.94	45.45	45.64	0.58	ppb
Tin	118-1	47.08	46.34	47.78	47.07	1.53	ppb
Titanium	47-1	472.90	470.00	464.80	469.23	0.88	ppb
Uranium	238-1	44.76	46.25	45.03	45.35	1.76	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:37:40 DataFile Name : 006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	51.01	50.95	51.59	51.18	0.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	529.58	539.73	534.12	534.48	0.95	ppb
Zirconium	90-1	46.28	45.60	45.69	45.86	0.81	ppb
Zirconium	91-1	45.91	45.98	45.49	45.79	0.58	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:40:47 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2473.13	2492.72	2514.60	2493.48	0.83	ppb
Antimony	121-1	116.20	120.09	122.48	119.59	2.65	ppb
Arsenic	75-2	125.67	128.02	129.60	127.77	1.55	ppb
Barium	135-1	576.78	604.34	618.03	599.72	3.50	ppb
Barium	137-1	590.86	586.56	608.20	595.21	1.92	ppb
Beryllium	9-1	117.19	121.44	119.04	119.22	1.79	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	118.90	122.66	126.25	122.60	3.00	ppb
Cadmium	106-1	116.98	121.07	126.00	121.35	3.72	ppb
Cadmium	111-1	116.06	119.03	124.60	119.90	3.61	ppb
Calcium	43-1	12503.90	12768.50	12713.14	12661.85	1.10	ppb
Calcium	44-1	12621.88	12480.48	12591.57	12564.64	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.05	128.27	130.36	128.89	0.99	ppb
Cobalt	59-2	131.69	131.26	132.22	131.72	0.36	ppb
Copper	63-2	1352.22	1353.90	1378.15	1361.42	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	6498.85	6468.14	6581.58	6516.19	0.90	ppb
Iron	56-2	6648.28	6508.90	6554.90	6570.69	1.08	ppb
Iron	57-2	6513.29	6400.68	6473.00	6462.32	0.88	ppb
Krypton	83-1						cps
Lead	206-1	566.18	570.71	583.15	573.35	1.53	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:40:47 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	573.90	580.66	582.74	579.10	0.80	ppb
Lead	208-1	574.01	576.21	585.32	578.51	1.04	ppb
Lithium	6-1				98		%
Magnesium	24-2	13053.91	12689.22	13145.08	12962.74	1.86	ppb
Manganese	55-2	1371.72	1326.33	1362.65	1353.57	1.77	ppb
Molybdenum	94-1	1129.79	1138.32	1179.18	1149.10	2.30	ppb
Molybdenum	95-1	1148.31	1157.72	1172.10	1159.38	1.03	ppb
Molybdenum	96-1	1155.48	1163.79	1159.15	1159.48	0.36	ppb
Molybdenum	97-1	1153.11	1154.22	1171.09	1159.47	0.87	ppb
Molybdenum	98-1	1164.45	1139.22	1183.60	1162.42	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.79	131.32	133.17	131.76	0.95	ppb
Phosphorus	31-2	2604.46	2596.44	2655.81	2618.90	1.23	ppb
Potassium	39-2	6118.06	6107.05	6191.36	6138.82	0.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	116.34	118.10	121.52	118.65	2.22	ppb
Selenium	77-2	131.62	119.83	121.16	124.20	5.20	ppb
Selenium	78-2	128.60	136.99	121.37	128.99	6.06	ppb
Silicon	28-1	114.99	116.51	115.98	115.83	0.67	ppb
Silver	107-1	122.03	125.09	128.58	125.23	2.62	ppb
Silver	109-1	120.33	125.04	129.95	125.11	3.85	ppb
Sodium	23-2	12987.90	12721.09	13217.25	12975.41	1.91	ppb
Strontium	86-1	112.72	111.83	114.57	113.04	1.23	ppb
Strontium	88-1	115.52	116.04	116.70	116.09	0.51	ppb
Sulfur	34-1	2102.42	2266.40	2099.21	2156.01	4.43	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	116.99	117.48	116.67	117.05	0.35	ppb
Thallium	205-1	114.45	116.96	119.71	117.04	2.25	ppb
Tin	118-1	114.45	119.91	122.17	118.84	3.34	ppb
Titanium	47-1	1172.89	1160.59	1161.88	1165.12	0.58	ppb
Uranium	238-1	112.65	114.08	116.61	114.45	1.75	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:40:47 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	129.23	128.99	130.20	129.47	0.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	1324.28	1328.88	1347.28	1333.48	0.91	ppb
Zirconium	90-1	115.68	117.02	117.60	116.77	0.84	ppb
Zirconium	91-1	111.82	113.95	115.80	113.85	1.75	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:43:47 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5271.79	4953.67	5758.40	5327.95	7.61	ppb
Antimony	121-1	242.93	252.51	253.19	249.54	2.30	ppb
Arsenic	75-2	273.89	273.38	310.85	286.04	7.51	ppb
Barium	135-1	1191.98	1225.57	1232.30	1216.62	1.78	ppb
Barium	137-1	1186.08	1252.59	1214.31	1217.66	2.74	ppb
Beryllium	9-1	245.19	251.43	252.81	249.81	1.62	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	243.03	252.73	247.17	247.64	1.96	ppb
Cadmium	106-1	241.65	253.65	248.03	247.78	2.42	ppb
Cadmium	111-1	238.24	249.42	243.79	243.82	2.29	ppb
Calcium	43-1	26019.82	27018.75	26876.73	26638.43	2.03	ppb
Calcium	44-1	25559.32	26710.66	26757.98	26342.65	2.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	269.79	257.39	293.09	273.43	6.63	ppb
Cobalt	59-2	283.89	272.14	309.33	288.45	6.59	ppb
Copper	63-2	2857.58	2696.44	3083.62	2879.21	6.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	14040.52	13452.96	14958.22	14150.57	5.36	ppb
Iron	56-2	13853.92	13094.42	14981.69	13976.68	6.79	ppb
Iron	57-2	13426.16	12869.53	14809.01	13701.57	7.29	ppb
Krypton	83-1						cps
Lead	206-1	1176.90	1184.90	1194.46	1185.42	0.74	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:43:47 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1186.82	1200.49	1200.62	1195.98	0.66	ppb
Lead	208-1	1191.19	1205.63	1211.09	1202.64	0.85	ppb
Lithium	6-1				96		%
Magnesium	24-2	26923.00	25814.65	29804.31	27513.99	7.49	ppb
Manganese	55-2	2780.25	2671.31	3099.05	2850.21	7.80	ppb
Molybdenum	94-1	2396.16	2467.10	2417.49	2426.91	1.50	ppb
Molybdenum	95-1	2428.33	2487.80	2449.55	2455.23	1.23	ppb
Molybdenum	96-1	2409.53	2489.83	2426.68	2442.01	1.73	ppb
Molybdenum	97-1	2412.15	2451.65	2452.70	2438.83	0.95	ppb
Molybdenum	98-1	2426.80	2460.19	2465.19	2450.73	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	272.68	262.23	300.51	278.47	7.10	ppb
Phosphorus	31-2	5548.54	5450.25	6107.25	5702.01	6.21	ppb
Potassium	39-2	13284.16	12916.06	14656.18	13618.80	6.73	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	241.38	252.65	250.49	248.17	2.41	ppb
Selenium	77-2	258.14	273.95	292.82	274.97	6.31	ppb
Selenium	78-2	267.61	266.80	301.46	278.62	7.10	ppb
Silicon	28-1	241.05	252.24	249.09	247.46	2.33	ppb
Silver	107-1	242.69	259.01	249.75	250.48	3.27	ppb
Silver	109-1	245.47	255.99	251.31	250.92	2.10	ppb
Sodium	23-2	27473.28	26025.92	29599.31	27699.51	6.49	ppb
Strontium	86-1	234.11	239.07	236.92	236.70	1.05	ppb
Strontium	88-1	236.66	241.57	239.33	239.18	1.03	ppb
Sulfur	34-1	4245.86	4879.31	4680.53	4601.90	7.04	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	240.10	240.17	247.11	242.46	1.66	ppb
Thallium	205-1	235.61	237.06	238.80	237.16	0.67	ppb
Tin	118-1	239.30	251.51	248.50	246.43	2.58	ppb
Titanium	47-1	2371.91	2452.21	2443.44	2422.52	1.82	ppb
Uranium	238-1	239.98	241.49	243.42	241.63	0.72	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:43:47 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	271.03	260.09	296.92	276.01	6.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	2788.96	2674.49	3032.41	2831.96	6.45	ppb
Zirconium	90-1	240.03	242.77	238.96	240.59	0.82	ppb
Zirconium	91-1	245.60	244.15	243.58	244.44	0.43	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:46:37 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10003.67	10002.79	9718.67	9908.37	1.66	ppb
Antimony	121-1	476.65	482.58	478.28	479.17	0.64	ppb
Arsenic	75-2	520.97	533.52	524.04	526.18	1.24	ppb
Barium	135-1	2364.47	2411.98	2399.70	2392.05	1.03	ppb
Barium	137-1	2378.24	2356.21	2369.12	2367.86	0.47	ppb
Beryllium	9-1	487.22	482.74	469.15	479.71	1.96	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	475.34	471.46	487.10	477.97	1.70	ppb
Cadmium	106-1	482.58	480.62	476.85	480.02	0.61	ppb
Cadmium	111-1	477.38	475.76	479.92	477.69	0.44	ppb
Calcium	43-1	51448.89	53138.33	52767.64	52451.62	1.69	ppb
Calcium	44-1	50639.13	51723.45	51715.58	51359.39	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	545.82	526.46	517.22	529.83	2.75	ppb
Cobalt	59-2	533.54	539.73	530.32	534.53	0.90	ppb
Copper	63-2	5441.73	5350.01	5195.32	5329.02	2.34	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				98		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	54-2	26173.68	26595.78	25814.72	26194.73	1.49	ppb
Iron	56-2	26361.68	25803.39	26046.91	26070.66	1.07	ppb
Iron	57-2	25579.52	26152.45	26026.33	25919.43	1.16	ppb
Krypton	83-1						cps
Lead	206-1	2378.62	2430.44	2394.93	2401.33	1.10	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:46:37 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2371.77	2385.76	2378.00	2378.51	0.29	ppb
Lead	208-1	2370.40	2399.40	2377.67	2382.49	0.63	ppb
Lithium	6-1				94		%
Magnesium	24-2	52008.18	50328.83	50805.33	51047.45	1.70	ppb
Manganese	55-2	5330.62	5250.32	5163.54	5248.16	1.59	ppb
Molybdenum	94-1	4690.94	4768.67	4781.22	4746.95	1.03	ppb
Molybdenum	95-1	4762.16	4766.18	4852.17	4793.50	1.06	ppb
Molybdenum	96-1	4775.06	4830.19	4826.36	4810.53	0.64	ppb
Molybdenum	97-1	4789.54	4773.45	4784.22	4782.40	0.17	ppb
Molybdenum	98-1	4756.01	4797.94	4806.92	4786.96	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.78	518.52	511.23	516.18	0.83	ppb
Phosphorus	31-2	10603.37	10590.08	10501.63	10565.03	0.52	ppb
Potassium	39-2	25173.40	24808.39	24913.24	24965.01	0.75	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	472.44	488.70	474.25	478.46	1.86	ppb
Selenium	77-2	510.18	528.15	531.71	523.35	2.21	ppb
Selenium	78-2	515.98	513.10	550.74	526.61	3.98	ppb
Silicon	28-1	472.23	486.83	470.72	476.59	1.87	ppb
Silver	107-1	476.47	484.06	481.40	480.64	0.80	ppb
Silver	109-1	471.76	479.07	486.03	478.95	1.49	ppb
Sodium	23-2	52608.71	51625.83	51080.13	51771.56	1.50	ppb
Strontium	86-1	463.57	483.64	474.91	474.04	2.12	ppb
Strontium	88-1	473.20	480.15	475.43	476.26	0.74	ppb
Sulfur	34-1	8923.60	9539.84	9118.76	9194.07	3.43	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	478.20	486.08	481.04	481.78	0.83	ppb
Thallium	205-1	476.56	486.89	475.70	479.72	1.30	ppb
Tin	118-1	476.61	485.43	474.51	478.85	1.21	ppb
Titanium	47-1	4714.35	4752.17	4806.56	4757.69	0.97	ppb
Uranium	238-1	472.19	474.63	467.86	471.56	0.73	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:46:37 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	518.47	517.58	511.28	515.78	0.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	5486.66	5397.41	5305.00	5396.36	1.68	ppb
Zirconium	90-1	473.57	475.06	476.96	475.20	0.36	ppb
Zirconium	91-1	477.58	482.67	483.65	481.30	0.68	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:49:25 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17407.06	18192.09	19324.07	18307.74	5.26	ppb
Antimony	121-1	933.88	935.07	1165.16	1011.37	13.17	ppb
Arsenic	75-2	939.97	963.53	1028.89	977.47	4.71	ppb
Barium	135-1	4636.40	4656.18	5906.65	5066.41	14.36	ppb
Barium	137-1	4680.98	4601.74	5953.43	5078.72	14.94	ppb
Beryllium	9-1	951.68	957.49	1123.95	1011.04	9.68	ppb
Bismuth	209-1				87		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	932.79	925.56	1177.57	1011.97	14.18	ppb
Cadmium	106-1	934.55	932.23	1166.58	1011.12	13.32	ppb
Cadmium	111-1	941.63	938.22	1160.56	1013.47	12.57	ppb
Calcium	43-1	100504.85	104306.73	133648.30	112819.96	16.08	ppb
Calcium	44-1	99144.70	102518.81	129284.26	110315.92	14.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	927.09	976.83	1032.16	978.69	5.37	ppb
Cobalt	59-2	932.21	956.96	1027.18	972.11	5.07	ppb
Copper	63-2	9186.58	9645.30	10340.75	9724.21	5.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				103		%
Indium	115-1				87		%
Indium	115-2				98		%
Iron	54-2	46062.83	48142.76	51201.64	48469.08	5.33	ppb
Iron	56-2	45903.27	47686.37	51113.43	48234.36	5.49	ppb
Iron	57-2	46732.31	47777.48	51862.25	48790.68	5.56	ppb
Krypton	83-1						cps
Lead	206-1	4631.31	4826.14	5760.65	5072.70	11.90	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:49:25 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4680.76	4819.94	5742.18	5080.96	11.35	ppb
Lead	208-1	4662.59	4792.29	5777.30	5077.39	12.01	ppb
Lithium	6-1				88		%
Magnesium	24-2	89946.95	93262.61	99753.94	94321.17	5.29	ppb
Manganese	55-2	9338.53	9621.76	10362.47	9774.25	5.41	ppb
Molybdenum	94-1	9103.55	9496.57	11876.11	10158.74	14.77	ppb
Molybdenum	95-1	9200.98	9660.85	11518.96	10126.93	12.12	ppb
Molybdenum	96-1	9173.90	9618.76	11572.83	10121.83	12.61	ppb
Molybdenum	97-1	9241.87	9482.73	11685.99	10136.86	13.29	ppb
Molybdenum	98-1	9220.50	9568.84	11604.53	10131.29	12.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	939.68	979.69	1032.07	983.81	4.71	ppb
Phosphorus	31-2	18662.18	19364.96	20553.65	19526.93	4.90	ppb
Potassium	39-2	43790.41	45416.58	48390.12	45865.70	5.09	ppb
Rhodium	103-1				85		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				104		%
Selenium	82-1	935.41	951.34	1149.57	1012.11	11.79	ppb
Selenium	77-2	927.18	944.62	1072.69	981.50	8.10	ppb
Selenium	78-2	911.92	969.83	1055.22	978.99	7.36	ppb
Silicon	28-1	923.67	920.73	1196.38	1013.59	15.62	ppb
Silver	107-1	939.75	924.15	1165.03	1009.64	13.35	ppb
Silver	109-1	931.75	942.31	1157.07	1010.38	12.58	ppb
Sodium	23-2	91953.12	94779.08	102345.76	96359.32	5.58	ppb
Strontium	86-1	933.67	944.33	1176.04	1018.01	13.45	ppb
Strontium	88-1	937.39	931.37	1178.67	1015.81	13.89	ppb
Sulfur	34-1	17954.70	18344.65	25345.79	20548.38	20.24	ppb
Terbium	159-1				92		%
Terbium	159-2				102		%
Thallium	203-1	938.79	953.71	1144.20	1012.23	11.31	ppb
Thallium	205-1	930.47	959.39	1153.84	1014.57	11.97	ppb
Tin	118-1	933.56	938.46	1165.12	1012.38	13.07	ppb
Titanium	47-1	9063.22	9467.12	11927.68	10152.67	15.27	ppb
Uranium	238-1	940.96	949.55	1163.10	1017.87	12.36	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:49:25 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	939.60	974.72	1040.65	984.99	5.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				105		%
Zinc	66-2	9356.45	9641.69	10121.88	9706.67	3.99	ppb
Zirconium	90-1	920.29	956.05	1171.64	1015.99	13.38	ppb
Zirconium	91-1	915.52	954.44	1167.07	1012.34	13.38	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:52:10 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100462.72	98768.20	101763.48	100331.47	1.50	ppb
Antimony	121-1	0.78	0.75	0.77	0.76	2.02	ppb
Arsenic	75-2	0.60	0.32	0.64	0.52	33.16	ppb
Barium	135-1	1.85	1.75	1.85	1.82	3.11	ppb
Barium	137-1	1.91	1.94	1.89	1.91	1.35	ppb
Beryllium	9-1	0.35	0.31	0.27	0.31	12.25	ppb
Bismuth	209-1				81		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Cadmium	108-1	0.81	0.58	0.71	0.70	16.42	ppb
Cadmium	106-1	0.42	0.64	0.67	0.58	23.27	ppb
Cadmium	111-1	0.17	0.22	0.18	0.19	13.52	ppb
Calcium	43-1	493352.53	501911.97	496044.93	497103.15	0.88	ppb
Calcium	44-1	494638.43	503316.48	495234.79	497729.90	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.82	2.86	2.83	2.84	0.86	ppb
Cobalt	59-2	2.22	2.17	2.20	2.19	1.10	ppb
Copper	63-2	1.96	1.95	2.08	2.00	3.58	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				92		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				87		%
Iron	54-2	250272.75	247201.71	252814.51	250096.32	1.12	ppb
Iron	56-2	250208.55	246288.06	253992.33	250162.98	1.54	ppb
Iron	57-2	250348.02	245099.88	254803.35	250083.75	1.94	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.93	0.90	0.95	5.78	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:52:10 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.98	0.93	0.88	0.93	5.37	ppb
Lead	208-1	0.99	0.92	0.88	0.93	6.00	ppb
Lithium	6-1				85		%
Magnesium	24-2	505851.03	491119.84	505704.89	500891.92	1.69	ppb
Manganese	55-2	4.69	4.91	4.81	4.80	2.35	ppb
Molybdenum	94-1	6.97	7.25	7.08	7.10	1.97	ppb
Molybdenum	95-1	4.95	5.07	5.05	5.02	1.30	ppb
Molybdenum	96-1	5.18	5.24	5.32	5.24	1.28	ppb
Molybdenum	97-1	4.85	4.87	4.97	4.90	1.33	ppb
Molybdenum	98-1	4.78	4.91	4.81	4.83	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.24	3.06	3.24	3.18	3.30	ppb
Phosphorus	31-2	-4.81	-9.77	-16.73	-10.43		ppb
Potassium	39-2	254420.21	244298.82	253614.29	250777.77	2.24	ppb
Rhodium	103-1				79		%
Rhodium	103-2				82		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	82-1	0.29	0.12	-0.22	0.06	415.30	ppb
Selenium	77-2	1.10	0.00	1.12	0.74	86.61	ppb
Selenium	78-2	1.26	0.60	1.62	1.16	44.82	ppb
Silicon	28-1	19.29	18.01	17.19	18.16	5.82	ppb
Silver	107-1	0.18	0.17	0.16	0.17	6.11	ppb
Silver	109-1	0.18	0.16	0.16	0.17	6.70	ppb
Sodium	23-2	499756.57	492767.84	508681.44	500401.95	1.59	ppb
Strontium	86-1	2.82	2.89	2.91	2.87	1.58	ppb
Strontium	88-1	2.86	2.93	2.88	2.89	1.25	ppb
Sulfur	34-1	260.37	264.00	175.17	233.18	21.56	ppb
Terbium	159-1				90		%
Terbium	159-2				91		%
Thallium	203-1	0.08	0.08	0.07	0.08	7.28	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	10.71	ppb
Tin	118-1	0.18	0.19	0.17	0.18	5.81	ppb
Titanium	47-1	1.90	2.18	2.20	2.09	8.07	ppb
Uranium	238-1	0.05	0.05	0.03	0.04	20.55	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:52:10 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.27	0.25	0.29	0.27	6.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	5.36	5.50	5.59	5.48	2.07	ppb
Zirconium	90-1	1.55	1.57	1.62	1.58	2.15	ppb
Zirconium	91-1	1.61	1.69	1.65	1.65	2.26	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICV006 Instrumnet Name : P8
Client Sample ID : ICV006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:00:19 DataFile Name : 020ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	448.73	468.52	456.27	457.84	2.18	ppb
Antimony	121-1	182.79	184.98	185.60	184.45	0.80	ppb
Arsenic	75-2	208.29	211.13	202.72	207.38	2.06	ppb
Barium	135-1	90.41	90.72	91.90	91.01	0.86	ppb
Barium	137-1	90.38	92.18	91.68	91.41	1.02	ppb
Beryllium	9-1	90.79	92.10	93.40	92.10	1.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	121.96	121.88	124.59	122.81	1.25	ppb
Cadmium	106-1	71.34	73.10	72.77	72.40	1.29	ppb
Cadmium	111-1	94.09	93.86	94.66	94.20	0.44	ppb
Calcium	43-1	2082.12	2143.46	2161.68	2129.09	1.96	ppb
Calcium	44-1	2060.98	2041.56	2117.86	2073.46	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.31	101.83	102.53	101.56	1.11	ppb
Cobalt	59-2	104.77	104.78	104.35	104.63	0.23	ppb
Copper	63-2	105.98	107.11	105.97	106.36	0.62	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				98		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	2059.09	2060.56	2052.00	2057.22	0.22	ppb
Iron	56-2	1993.10	2013.11	2028.72	2011.65	0.89	ppb
Iron	57-2	1986.54	2000.04	1959.01	1981.86	1.06	ppb
Krypton	83-1						cps
Lead	206-1	188.28	188.44	189.71	188.81	0.42	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICV006 Instrumnet Name : P8
Client Sample ID : ICV006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:00:19 DataFile Name : 020ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	179.09	181.29	181.64	180.67	0.76	ppb
Lead	208-1	182.63	182.82	184.31	183.25	0.50	ppb
Lithium	6-1				93		%
Magnesium	24-2	1098.61	1101.51	1097.33	1099.15	0.19	ppb
Manganese	55-2	98.39	100.13	98.86	99.12	0.91	ppb
Molybdenum	94-1	3803.91	3723.24	3717.26	3748.14	1.29	ppb
Molybdenum	95-1	4686.53	4562.05	4655.55	4634.71	1.40	ppb
Molybdenum	96-1	4624.17	4515.00	4543.88	4561.02	1.24	ppb
Molybdenum	97-1	4693.17	4567.15	4628.68	4629.67	1.36	ppb
Molybdenum	98-1	4774.94	4589.66	4578.44	4647.68	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.43	104.71	105.75	104.96	0.66	ppb
Phosphorus	31-2	-22.73	-29.37	-13.39	-21.83		ppb
Potassium	39-2	1832.03	1833.07	1824.38	1829.83	0.26	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	190.13	193.30	189.48	190.97	1.07	ppb
Selenium	77-2	169.49	194.33	200.97	188.26	8.82	ppb
Selenium	78-2	203.70	199.30	202.62	201.87	1.14	ppb
Silicon	28-1	2.34	2.99	3.40	2.91	18.46	ppb
Silver	107-1	47.55	47.68	48.37	47.87	0.92	ppb
Silver	109-1	47.84	48.20	48.69	48.24	0.88	ppb
Sodium	23-2	1969.73	1996.21	1979.99	1981.98	0.67	ppb
Strontium	86-1	509.17	486.03	490.87	495.36	2.46	ppb
Strontium	88-1	493.97	492.74	485.83	490.85	0.89	ppb
Sulfur	34-1	68.39	143.39	72.18	94.65	44.64	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	195.02	195.73	196.50	195.75	0.38	ppb
Thallium	205-1	188.84	192.31	190.81	190.66	0.91	ppb
Tin	118-1	0.09	0.10	0.11	0.10	12.54	ppb
Titanium	47-1	0.42	0.44	0.42	0.42	3.07	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.99	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICV006 Instrumnet Name : P8
Client Sample ID : ICV006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:00:19 DataFile Name : 020ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	98.35	98.76	97.80	98.30	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	197.74	202.47	202.81	201.01	1.41	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	13.92	ppb
Zirconium	91-1	0.12	0.14	0.12	0.13	8.62	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICB006 Instrumnet Name : P8
Client Sample ID : ICB006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:03:28 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.64	0.65	0.56	26.77	ppb
Antimony	121-1	0.09	0.08	0.08	0.08	5.56	ppb
Arsenic	75-2	-0.04	-0.06	-0.04	-0.05		ppb
Barium	135-1	0.02	0.04	0.03	0.03	27.80	ppb
Barium	137-1	0.05	0.05	0.05	0.05	3.36	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	0.03	-0.02	0.11	0.04	172.87	ppb
Cadmium	106-1	-0.60	0.03	-0.56	-0.37		ppb
Cadmium	111-1	-0.04	0.02	-0.05	-0.03		ppb
Calcium	43-1	0.99	-0.17	0.38	0.40	144.34	ppb
Calcium	44-1	3.21	3.81	2.77	3.27	16.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.01	0.00	991.43	ppb
Cobalt	59-2	-0.03	-0.04	-0.03	-0.03		ppb
Copper	63-2	0.05	0.04	0.00	0.03	89.86	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				96		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	-0.22	0.14	-0.18	-0.09		ppb
Iron	56-2	0.05	-0.20	0.10	-0.01		ppb
Iron	57-2	-0.81	-1.18	-1.24	-1.07		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.03	0.03	19.07	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICB006 Instrumnet Name : P8
Client Sample ID : ICB006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:03:28 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.02	0.03	0.03	20.24	ppb
Lead	208-1	0.02	0.03	0.03	0.03	3.64	ppb
Lithium	6-1				93		%
Magnesium	24-2	-0.92	0.21	0.19	-0.18		ppb
Manganese	55-2	0.02	-0.02	0.02	0.01	245.91	ppb
Molybdenum	94-1	0.33	0.31	0.30	0.31	4.65	ppb
Molybdenum	95-1	0.40	0.35	0.30	0.35	14.19	ppb
Molybdenum	96-1	0.36	0.35	0.33	0.35	4.15	ppb
Molybdenum	97-1	0.35	0.31	0.28	0.31	10.87	ppb
Molybdenum	98-1	0.38	0.36	0.32	0.35	9.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.42	-0.43	-0.45	-0.43		ppb
Phosphorus	31-2	-17.17	-27.72	-19.63	-21.51		ppb
Potassium	39-2	4.69	5.89	5.93	5.50	12.79	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.30	-0.18	-0.01	0.03	741.01	ppb
Selenium	77-2	1.08	0.00	1.11	0.73	86.63	ppb
Selenium	78-2	-0.07	0.92	-0.71	0.04	1848.18	ppb
Silicon	28-1	0.40	2.25	0.11	0.92	126.40	ppb
Silver	107-1	0.03	0.04	0.05	0.04	23.21	ppb
Silver	109-1	0.03	0.05	0.05	0.05	28.75	ppb
Sodium	23-2	38.16	39.02	40.62	39.26	3.18	ppb
Strontium	86-1	0.01	0.03	0.01	0.02	68.09	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	8.46	ppb
Sulfur	34-1	82.40	517.34	38.66	212.80	124.36	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.02	0.01	0.02	29.44	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	11.02	ppb
Tin	118-1	0.05	0.05	0.04	0.05	11.57	ppb
Titanium	47-1	-0.01	0.02	0.01	0.01	301.52	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICB006 Instrumnet Name : P8
Client Sample ID : ICB006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:03:28 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.01	0.00	110.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	-0.04	0.04	-0.10	-0.04		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.02	0.02	0.00	0.01	65.45	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICSA006 Instrumnet Name : P8
Client Sample ID : ICSA006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:06:53 DataFile Name : 022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94326.11	91573.14	94461.41	93453.55	1.74	ppb
Antimony	121-1	1.09	1.14	1.15	1.13	3.19	ppb
Arsenic	75-2	0.31	0.33	0.40	0.35	14.14	ppb
Barium	135-1	1.23	1.29	1.37	1.30	5.16	ppb
Barium	137-1	1.35	1.35	1.33	1.35	0.95	ppb
Beryllium	9-1	0.22	0.20	0.22	0.21	3.84	ppb
Bismuth	209-1				87		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	17.73	17.13	17.54	17.47	1.76	ppb
Cadmium	106-1	-1.21	-1.76	-0.28	-1.09		ppb
Cadmium	111-1	0.63	0.55	0.66	0.62	9.24	ppb
Calcium	43-1	106866.51	109858.55	107334.67	108019.91	1.49	ppb
Calcium	44-1	105397.60	109006.41	105573.77	106659.26	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.10	20.59	21.34	21.01	1.81	ppb
Cobalt	59-2	1.24	1.22	1.18	1.21	2.53	ppb
Copper	63-2	8.71	8.58	8.56	8.62	0.94	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				95		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	54-2	106283.57	101435.56	106387.52	104702.22	2.70	ppb
Iron	56-2	107747.44	102247.12	105835.06	105276.54	2.65	ppb
Iron	57-2	107635.76	103175.02	107068.96	105959.92	2.29	ppb
Krypton	83-1						cps
Lead	206-1	5.72	4.89	4.68	5.10	10.77	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICSA006 Instrumnet Name : P8
Client Sample ID : ICSA006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:06:53 DataFile Name : 022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.32	4.55	4.22	4.69	11.98	ppb
Lead	208-1	5.41	4.64	4.35	4.80	11.40	ppb
Lithium	6-1				90		%
Magnesium	24-2	99149.91	94073.61	96555.26	96592.93	2.63	ppb
Manganese	55-2	7.87	7.81	8.17	7.95	2.41	ppb
Molybdenum	94-1	1555.33	1517.94	1542.54	1538.60	1.24	ppb
Molybdenum	95-1	1886.35	1855.78	1891.36	1877.83	1.03	ppb
Molybdenum	96-1	1873.43	1847.97	1915.53	1878.98	1.82	ppb
Molybdenum	97-1	1917.53	1886.37	1892.19	1898.69	0.87	ppb
Molybdenum	98-1	1942.11	1860.86	1905.69	1902.89	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.24	5.24	5.22	5.23	0.18	ppb
Phosphorus	31-2	109910.09	104948.15	107949.71	107602.65	2.32	ppb
Potassium	39-2	100427.98	98470.70	100867.32	99922.00	1.28	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	82-1	0.06	-0.16	0.35	0.08	309.46	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.59	0.24	0.91	0.58	56.92	ppb
Silicon	28-1	32.64	34.33	33.41	33.46	2.53	ppb
Silver	107-1	0.06	0.05	0.04	0.05	17.99	ppb
Silver	109-1	0.07	0.05	0.04	0.05	28.51	ppb
Sodium	23-2	105703.29	101723.31	105104.63	104177.07	2.06	ppb
Strontium	86-1	32.14	31.79	32.74	32.23	1.50	ppb
Strontium	88-1	32.35	31.80	32.64	32.26	1.31	ppb
Sulfur	34-1	92659.92	92718.51	91513.12	92297.18	0.74	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.11	0.11	0.09	0.10	12.79	ppb
Thallium	205-1	0.11	0.11	0.10	0.11	4.87	ppb
Tin	118-1	0.20	0.19	0.20	0.20	3.49	ppb
Titanium	47-1	2000.14	2054.62	2015.20	2023.32	1.39	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.79	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICSA006 Instrumnet Name : P8
Client Sample ID : ICSA006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:06:53 DataFile Name : 022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.12	0.13	0.19	0.14	24.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	11.52	11.13	11.91	11.52	3.38	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	12.83	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	8.55	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICSAB006 Instrumnet Name : P8
Client Sample ID : ICSAB006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:29:08 DataFile Name : 027ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90011.65	88331.15	87003.36	88448.72	1.70	ppb
Antimony	121-1	19.98	20.30	20.05	20.11	0.84	ppb
Arsenic	75-2	20.67	20.42	20.40	20.50	0.74	ppb
Barium	135-1	19.88	20.25	20.21	20.11	0.99	ppb
Barium	137-1	20.12	20.56	20.09	20.26	1.30	ppb
Beryllium	9-1	20.37	20.02	19.86	20.09	1.30	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	30.85	30.53	30.80	30.72	0.56	ppb
Cadmium	106-1	12.53	11.86	13.81	12.74	7.78	ppb
Cadmium	111-1	18.61	18.91	18.71	18.74	0.81	ppb
Calcium	43-1	104893.98	105945.03	106375.55	105738.19	0.72	ppb
Calcium	44-1	104985.77	104066.72	105451.21	104834.57	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.81	40.06	38.89	39.92	2.42	ppb
Cobalt	59-2	22.13	21.71	21.53	21.79	1.40	ppb
Copper	63-2	29.11	28.29	28.22	28.54	1.73	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				97		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	54-2	101807.30	100301.46	99235.28	100448.01	1.29	ppb
Iron	56-2	102391.56	100176.42	99462.35	100676.77	1.52	ppb
Iron	57-2	101814.99	101342.69	99397.57	100851.75	1.27	ppb
Krypton	83-1						cps
Lead	206-1	23.32	24.08	24.04	23.81	1.79	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICSAB006 Instrumnet Name : P8
Client Sample ID : ICSAB006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:29:08 DataFile Name : 027ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	22.51	22.89	23.17	22.86	1.45	ppb
Lead	208-1	22.65	23.11	23.11	22.95	1.16	ppb
Lithium	6-1				89		%
Magnesium	24-2	92560.28	91568.99	89337.26	91155.51	1.81	ppb
Manganese	55-2	27.44	27.70	27.27	27.47	0.78	ppb
Molybdenum	94-1	1518.38	1506.06	1546.70	1523.71	1.37	ppb
Molybdenum	95-1	1863.45	1807.57	1884.77	1851.93	2.15	ppb
Molybdenum	96-1	1827.54	1787.34	1848.89	1821.25	1.72	ppb
Molybdenum	97-1	1864.48	1841.56	1851.25	1852.43	0.62	ppb
Molybdenum	98-1	1867.81	1839.30	1891.61	1866.24	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.79	25.33	24.67	24.93	1.42	ppb
Phosphorus	31-2	103352.19	102846.65	102070.51	102756.45	0.63	ppb
Potassium	39-2	96571.12	94120.21	94226.82	94972.71	1.46	ppb
Rhodium	103-1				89		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				100		%
Selenium	82-1	19.49	19.12	19.71	19.44	1.52	ppb
Selenium	77-2	30.34	20.25	23.31	24.63	21.01	ppb
Selenium	78-2	21.40	14.96	19.50	18.62	17.78	ppb
Silicon	28-1	31.39	32.56	32.56	32.17	2.09	ppb
Silver	107-1	17.48	17.74	17.66	17.62	0.77	ppb
Silver	109-1	17.46	18.19	17.85	17.83	2.05	ppb
Sodium	23-2	99788.17	99484.91	98067.35	99113.48	0.93	ppb
Strontium	86-1	31.53	31.18	32.09	31.60	1.46	ppb
Strontium	88-1	31.66	31.55	32.28	31.83	1.24	ppb
Sulfur	34-1	87066.17	87867.19	88113.52	87682.29	0.62	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	19.50	19.93	19.88	19.77	1.19	ppb
Thallium	205-1	19.44	20.04	19.94	19.80	1.62	ppb
Tin	118-1	0.12	0.12	0.10	0.11	9.22	ppb
Titanium	47-1	1972.89	1993.39	1984.35	1983.55	0.52	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.62	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICSAB006 Instrumnet Name : P8
Client Sample ID : ICSAB006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:29:08 DataFile Name : 027ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.42	19.99	20.03	20.15	1.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	31.83	30.85	30.88	31.19	1.79	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	7.85	ppb
Zirconium	91-1	0.03	0.01	0.01	0.02	49.44	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCV025 Instrumnet Name : P8
Client Sample ID : CCV025 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:32:26 DataFile Name : 028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49299.05	47914.83	48137.14	48450.34	1.53	ppb
Antimony	121-1	472.30	474.21	477.75	474.76	0.58	ppb
Arsenic	75-2	524.57	498.68	511.27	511.51	2.53	ppb
Barium	135-1	2446.10	2375.90	2390.01	2404.00	1.54	ppb
Barium	137-1	2376.13	2341.24	2400.17	2372.51	1.25	ppb
Beryllium	9-1	481.86	489.38	488.23	486.49	0.83	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	462.78	457.11	470.77	463.55	1.48	ppb
Cadmium	106-1	459.79	453.43	471.56	461.59	1.99	ppb
Cadmium	111-1	459.24	456.68	463.96	459.96	0.80	ppb
Calcium	43-1	250145.51	257537.61	256578.83	254753.98	1.58	ppb
Calcium	44-1	246811.14	256415.63	252893.89	252040.22	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.12	510.12	509.68	510.64	0.25	ppb
Cobalt	59-2	502.22	514.79	503.14	506.72	1.38	ppb
Copper	63-2	4856.28	4931.97	4982.78	4923.67	1.29	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				93		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				91		%
Iron	54-2	122027.43	120973.06	122255.68	121752.06	0.56	ppb
Iron	56-2	120455.89	121916.78	122440.03	121604.23	0.85	ppb
Iron	57-2	120985.19	122105.82	119969.00	121020.00	0.88	ppb
Krypton	83-1						cps
Lead	206-1	2364.04	2396.31	2406.81	2389.06	0.93	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCV025 Instrumnet Name : P8
Client Sample ID : CCV025 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:32:26 DataFile Name : 028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2383.97	2366.93	2400.66	2383.85	0.71	ppb
Lead	208-1	2387.65	2378.51	2402.35	2389.50	0.50	ppb
Lithium	6-1				85		%
Magnesium	24-2	237091.47	233685.22	238101.77	236292.82	0.98	ppb
Manganese	55-2	5097.41	5129.75	5043.33	5090.16	0.86	ppb
Molybdenum	94-1	4755.45	4807.80	4691.56	4751.60	1.23	ppb
Molybdenum	95-1	4719.44	4830.82	4732.32	4760.86	1.28	ppb
Molybdenum	96-1	4697.40	4830.60	4758.64	4762.21	1.40	ppb
Molybdenum	97-1	4755.78	4806.54	4732.86	4765.06	0.79	ppb
Molybdenum	98-1	4686.67	4729.46	4713.27	4709.80	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.98	480.56	477.47	479.00	0.32	ppb
Phosphorus	31-2	10521.02	10095.80	10200.11	10272.31	2.16	ppb
Potassium	39-2	120365.02	119092.58	118367.18	119274.93	0.85	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				96		%
Selenium	82-1	455.76	466.21	454.49	458.82	1.40	ppb
Selenium	77-2	502.89	484.44	515.30	500.88	3.10	ppb
Selenium	78-2	518.23	485.94	499.81	501.33	3.23	ppb
Silicon	28-1	485.88	489.80	484.76	486.81	0.54	ppb
Silver	107-1	451.62	446.01	466.00	454.54	2.27	ppb
Silver	109-1	458.96	455.52	468.36	460.95	1.44	ppb
Sodium	23-2	246919.52	243081.65	243875.93	244625.70	0.83	ppb
Strontium	86-1	474.85	478.11	470.86	474.61	0.76	ppb
Strontium	88-1	469.66	478.91	478.56	475.71	1.10	ppb
Sulfur	34-1	9225.12	9520.88	9026.84	9257.61	2.69	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	475.29	487.06	494.18	485.51	1.96	ppb
Thallium	205-1	475.64	492.40	484.30	484.11	1.73	ppb
Tin	118-1	471.80	474.31	475.66	473.93	0.41	ppb
Titanium	47-1	4842.23	4789.42	4801.10	4810.92	0.58	ppb
Uranium	238-1	494.79	485.53	495.52	491.95	1.13	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCV025 Instrumnet Name : P8
Client Sample ID : CCV025 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:32:26 DataFile Name : 028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	509.21	508.00	507.64	508.28	0.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	4998.56	4934.95	5005.34	4979.62	0.78	ppb
Zirconium	90-1	478.91	481.06	475.39	478.46	0.60	ppb
Zirconium	91-1	485.43	490.63	474.25	483.44	1.73	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCB025 Instrumnet Name : P8
Client Sample ID : CCB025 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:35:11 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.63	1.51	1.65	1.60	4.63	ppb
Antimony	121-1	0.14	0.12	0.11	0.12	10.96	ppb
Arsenic	75-2	-0.03	-0.03	-0.03	-0.03		ppb
Barium	135-1	0.05	0.05	0.01	0.04	53.41	ppb
Barium	137-1	0.04	0.03	0.02	0.03	32.39	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	10.67	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.04	-0.06	0.01	0.00		ppb
Cadmium	106-1	0.39	-0.71	-0.47	-0.27		ppb
Cadmium	111-1	0.05	-0.04	-0.02	-0.01		ppb
Calcium	43-1	7.82	6.44	3.94	6.07	32.43	ppb
Calcium	44-1	12.08	8.97	8.18	9.74	21.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.06	0.02	-0.02		ppb
Cobalt	59-2	-0.05	-0.05	-0.05	-0.05		ppb
Copper	63-2	0.15	0.20	0.12	0.16	25.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	2.54	3.51	3.00	3.01	16.10	ppb
Iron	56-2	3.33	3.61	3.23	3.39	5.88	ppb
Iron	57-2	2.19	2.45	2.43	2.36	6.08	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.22	0.20	0.22	5.82	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCB025 Instrumnet Name : P8
Client Sample ID : CCB025 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:35:11 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.25	0.22	0.21	0.23	7.90	ppb
Lead	208-1	0.25	0.22	0.20	0.22	9.49	ppb
Lithium	6-1				92		%
Magnesium	24-2	0.96	1.33	1.66	1.32	26.29	ppb
Manganese	55-2	0.10	0.04	0.10	0.08	39.63	ppb
Molybdenum	94-1	0.25	0.19	0.18	0.21	17.67	ppb
Molybdenum	95-1	0.21	0.19	0.13	0.18	23.04	ppb
Molybdenum	96-1	0.23	0.16	0.15	0.18	22.58	ppb
Molybdenum	97-1	0.21	0.16	0.15	0.17	20.87	ppb
Molybdenum	98-1	0.19	0.17	0.16	0.17	10.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.47	-0.40	-0.47	-0.45		ppb
Phosphorus	31-2	-22.24	-17.08	-18.17	-19.16		ppb
Potassium	39-2	34.55	31.39	29.19	31.71	8.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.06	0.28	0.09	0.10	168.62	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.10	0.21	-0.41	-0.10		ppb
Silicon	28-1	1.21	0.37	0.99	0.86	50.59	ppb
Silver	107-1	0.06	0.05	0.06	0.06	5.06	ppb
Silver	109-1	0.05	0.06	0.06	0.06	8.15	ppb
Sodium	23-2	57.65	58.06	53.88	56.53	4.07	ppb
Strontium	86-1	-0.02	-0.02	-0.02	-0.02		ppb
Strontium	88-1	-0.02	-0.02	-0.03	-0.02		ppb
Sulfur	34-1	-260.77	-424.59	-219.59	-301.65		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.06	0.07	0.07	7.97	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	9.33	ppb
Tin	118-1	0.07	0.06	0.05	0.06	14.94	ppb
Titanium	47-1	0.17	0.08	0.09	0.11	45.07	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	126.37	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCB025 Instrumnet Name : P8
Client Sample ID : CCB025 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:35:11 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.00	0.00	275.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.22	0.21	0.02	0.15	73.00	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	39.70	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	21.42	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-04 Instrumnet Name : P8
Client Sample ID : YE8D1 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:38:34 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31772.22	31091.61	31305.70	31389.84	1.11	ppb
Antimony	121-1	1.42	1.46	1.46	1.45	1.45	ppb
Arsenic	75-2	67.23	72.14	67.55	68.97	3.98	ppb
Barium	135-1	83.39	82.04	82.29	82.57	0.87	ppb
Barium	137-1	83.92	82.81	84.23	83.65	0.89	ppb
Beryllium	9-1	0.44	0.42	0.43	0.43	1.80	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	1.01	0.94	1.09	1.01	7.53	ppb
Cadmium	106-1	0.57	0.38	0.61	0.52	23.16	ppb
Cadmium	111-1	0.72	0.69	0.71	0.71	2.44	ppb
Calcium	43-1	4997.44	5174.56	5118.28	5096.76	1.78	ppb
Calcium	44-1	5127.58	5115.22	5054.49	5099.09	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.73	55.79	54.33	55.62	2.18	ppb
Cobalt	59-2	42.31	42.13	41.13	41.86	1.52	ppb
Copper	63-2	139.71	137.46	135.96	137.71	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	96353.47	95371.62	92504.06	94743.05	2.11	ppb
Iron	56-2	97503.17	95726.32	93310.45	95513.31	2.20	ppb
Iron	57-2	96477.39	95629.51	92223.27	94776.72	2.38	ppb
Krypton	83-1						cps
Lead	206-1	27.83	27.72	27.93	27.83	0.38	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-04 Instrumnet Name : P8
Client Sample ID : YE8D1 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:38:34 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	26.47	26.00	26.15	26.20	0.92	ppb
Lead	208-1	26.90	26.68	26.95	26.84	0.53	ppb
Lithium	6-1				96		%
Magnesium	24-2	17135.67	16705.83	16391.23	16744.24	2.23	ppb
Manganese	55-2	922.52	912.78	889.38	908.23	1.88	ppb
Molybdenum	94-1	4.44	4.49	4.45	4.46	0.52	ppb
Molybdenum	95-1	3.20	3.14	3.22	3.18	1.32	ppb
Molybdenum	96-1	3.41	3.44	3.31	3.39	1.99	ppb
Molybdenum	97-1	3.15	3.18	3.21	3.18	0.91	ppb
Molybdenum	98-1	3.16	3.19	3.18	3.18	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	145.84	144.59	143.74	144.72	0.73	ppb
Phosphorus	31-2	1637.09	1734.66	1660.31	1677.35	3.04	ppb
Potassium	39-2	1202.90	1193.59	1169.39	1188.63	1.46	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	3.19	3.34	3.06	3.20	4.42	ppb
Selenium	77-2	21.34	39.01	30.01	30.12	29.34	ppb
Selenium	78-2	11.41	7.33	8.51	9.08	23.15	ppb
Silicon	28-1	6767.23	7061.13	7038.37	6955.58	2.35	ppb
Silver	107-1	0.52	0.49	0.49	0.50	4.26	ppb
Silver	109-1	0.52	0.49	0.51	0.51	2.46	ppb
Sodium	23-2	199.71	195.35	188.83	194.63	2.81	ppb
Strontium	86-1	45.61	46.48	47.22	46.43	1.74	ppb
Strontium	88-1	46.97	47.68	49.57	48.07	2.80	ppb
Sulfur	34-1	-741.03	-539.45	-504.14	-594.87		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.46	0.56	0.70	0.57	20.38	ppb
Thallium	205-1	0.48	0.54	0.71	0.58	20.58	ppb
Tin	118-1	0.19	0.20	0.22	0.20	9.56	ppb
Titanium	47-1	18.74	19.13	19.49	19.12	1.97	ppb
Uranium	238-1	1.26	1.23	1.26	1.25	1.63	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-04 Instrumnet Name : P8
Client Sample ID : YE8D1 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:38:34 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	61.32	60.37	59.22	60.30	1.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	237.61	235.40	232.51	235.18	1.09	ppb
Zirconium	90-1	1.05	1.06	1.09	1.07	1.79	ppb
Zirconium	91-1	1.08	1.10	1.09	1.09	0.89	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-05 Instrumnet Name : P8
Client Sample ID : YE8D3 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:41:50 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4927.56	5512.25	5142.84	5194.22	5.69	ppb
Antimony	121-1	5.74	5.85	5.85	5.81	1.09	ppb
Arsenic	75-2	340.88	386.26	360.61	362.58	6.27	ppb
Barium	135-1	58.17	57.79	58.80	58.26	0.87	ppb
Barium	137-1	57.85	58.51	58.73	58.36	0.79	ppb
Beryllium	9-1	0.49	0.48	0.48	0.48	2.04	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.81	0.76	0.90	0.82	8.31	ppb
Cadmium	106-1	1.19	1.44	1.85	1.49	22.29	ppb
Cadmium	111-1	0.47	0.48	0.48	0.48	1.70	ppb
Calcium	43-1	65946.99	66572.26	65510.28	66009.84	0.81	ppb
Calcium	44-1	64945.35	64260.78	65114.71	64773.61	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.20	7.20	6.69	6.69	7.51	ppb
Cobalt	59-2	41.12	46.29	43.48	43.63	5.93	ppb
Copper	63-2	191.98	217.87	204.42	204.76	6.32	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				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	79819.73	88632.78	82846.51	83766.34	5.35	ppb
Iron	56-2	80595.18	91717.44	84721.56	85678.06	6.56	ppb
Iron	57-2	80754.91	90866.07	83829.90	85150.29	6.09	ppb
Krypton	83-1						cps
Lead	206-1	50.94	50.17	50.52	50.54	0.76	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-05 Instrumnet Name : P8
Client Sample ID : YE8D3 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:41:50 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	47.81	48.11	48.93	48.28	1.20	ppb
Lead	208-1	49.02	48.77	49.21	49.00	0.45	ppb
Lithium	6-1				95		%
Magnesium	24-2	18410.34	20848.74	19704.91	19654.66	6.21	ppb
Manganese	55-2	1128.14	1303.87	1176.99	1203.00	7.54	ppb
Molybdenum	94-1	5.66	5.52	5.59	5.59	1.24	ppb
Molybdenum	95-1	3.14	3.13	3.08	3.12	1.10	ppb
Molybdenum	96-1	3.43	3.39	3.46	3.43	1.02	ppb
Molybdenum	97-1	3.08	3.11	3.09	3.09	0.51	ppb
Molybdenum	98-1	3.15	3.07	3.21	3.14	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	174.95	198.25	185.79	186.33	6.26	ppb
Phosphorus	31-2	1492.32	1699.01	1568.18	1586.50	6.59	ppb
Potassium	39-2	1581.36	1772.71	1664.31	1672.79	5.74	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	5.39	4.98	5.36	5.24	4.37	ppb
Selenium	77-2	27.68	18.57	21.68	22.64	20.45	ppb
Selenium	78-2	8.90	10.04	10.43	9.79	8.12	ppb
Silicon	28-1	4086.70	4159.91	4143.58	4130.06	0.93	ppb
Silver	107-1	2.11	2.12	2.19	2.14	1.87	ppb
Silver	109-1	2.13	2.18	2.19	2.16	1.52	ppb
Sodium	23-2	200.05	244.51	221.45	222.00	10.02	ppb
Strontium	86-1	688.57	693.75	678.53	686.95	1.13	ppb
Strontium	88-1	686.74	678.08	688.72	684.51	0.83	ppb
Sulfur	34-1	29094.61	29767.93	29458.51	29440.35	1.14	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.28	0.34	0.39	0.34	15.74	ppb
Thallium	205-1	0.27	0.32	0.38	0.33	16.95	ppb
Tin	118-1	0.15	0.19	0.19	0.18	12.04	ppb
Titanium	47-1	4.35	4.44	7.21	5.33	30.47	ppb
Uranium	238-1	0.94	0.93	0.95	0.94	0.68	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-05 Instrumnet Name : P8
Client Sample ID : YE8D3 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:41:50 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	6.94	7.70	7.34	7.32	5.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	121.79	139.76	129.61	130.39	6.91	ppb
Zirconium	90-1	1.69	1.67	1.67	1.67	0.75	ppb
Zirconium	91-1	1.85	1.79	1.83	1.82	1.63	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-06 Instrumnet Name : P8
Client Sample ID : YE8E2 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:45:05 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18389.25	17981.25	17201.67	17857.39	3.38	ppb
Antimony	121-1	0.80	0.79	0.80	0.79	0.45	ppb
Arsenic	75-2	10.54	9.85	9.59	9.99	4.91	ppb
Barium	135-1	45.06	46.25	45.77	45.69	1.31	ppb
Barium	137-1	46.33	46.06	45.98	46.12	0.40	ppb
Beryllium	9-1	0.18	0.19	0.20	0.19	5.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.42	0.19	0.37	0.33	36.51	ppb
Cadmium	106-1	-0.05	-0.20	-0.08	-0.11		ppb
Cadmium	111-1	0.17	0.16	0.18	0.17	6.11	ppb
Calcium	43-1	2011.03	2017.48	2048.99	2025.83	1.00	ppb
Calcium	44-1	2084.18	2084.04	2085.82	2084.68	0.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.63	9.31	9.18	9.38	2.48	ppb
Cobalt	59-2	12.26	12.12	11.59	11.99	2.95	ppb
Copper	63-2	75.16	71.70	70.48	72.45	3.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	54-2	36873.87	34709.25	33953.53	35178.88	4.31	ppb
Iron	56-2	36579.31	36074.72	34652.06	35768.69	2.79	ppb
Iron	57-2	37658.56	35865.31	34679.88	36067.91	4.16	ppb
Krypton	83-1						cps
Lead	206-1	19.47	20.09	20.06	19.87	1.77	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-06 Instrumnet Name : P8
Client Sample ID : YE8E2 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:45:05 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	18.49	18.88	18.94	18.77	1.30	ppb
Lead	208-1	18.81	19.29	19.41	19.17	1.67	ppb
Lithium	6-1				97		%
Magnesium	24-2	14721.68	14124.92	13840.21	14228.94	3.16	ppb
Manganese	55-2	156.72	152.21	145.51	151.48	3.72	ppb
Molybdenum	94-1	5.05	4.73	4.66	4.81	4.33	ppb
Molybdenum	95-1	3.53	3.51	3.47	3.50	0.88	ppb
Molybdenum	96-1	3.65	3.69	3.61	3.65	0.96	ppb
Molybdenum	97-1	3.55	3.57	3.59	3.57	0.63	ppb
Molybdenum	98-1	3.49	3.58	3.51	3.53	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.32	34.36	33.57	34.75	4.08	ppb
Phosphorus	31-2	592.09	632.08	589.83	604.67	3.93	ppb
Potassium	39-2	1100.22	1078.91	1029.70	1069.61	3.38	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	0.97	1.03	1.04	1.01	4.16	ppb
Selenium	77-2	26.94	29.19	29.19	28.44	4.56	ppb
Selenium	78-2	8.59	4.56	5.80	6.32	32.65	ppb
Silicon	28-1	6748.03	6725.82	6546.75	6673.53	1.65	ppb
Silver	107-1	0.19	0.20	0.20	0.20	4.47	ppb
Silver	109-1	0.18	0.19	0.20	0.19	4.41	ppb
Sodium	23-2	245.98	231.50	223.10	233.53	4.96	ppb
Strontium	86-1	13.68	13.80	13.45	13.64	1.29	ppb
Strontium	88-1	13.71	13.74	13.66	13.70	0.27	ppb
Sulfur	34-1	841.46	876.37	898.48	872.10	3.30	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	0.21	0.25	0.29	0.25	16.45	ppb
Thallium	205-1	0.20	0.24	0.27	0.24	15.40	ppb
Tin	118-1	0.41	0.42	0.41	0.41	1.99	ppb
Titanium	47-1	10.92	18.43	11.49	13.61	30.71	ppb
Uranium	238-1	0.59	0.62	0.61	0.61	2.26	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-06 Instrumnet Name : P8
Client Sample ID : YE8E2 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:45:05 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	6.57	6.76	6.25	6.53	3.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	161.75	154.82	149.18	155.25	4.06	ppb
Zirconium	90-1	0.96	1.00	1.04	1.00	3.96	ppb
Zirconium	91-1	1.07	1.01	1.06	1.05	3.38	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1255-07A Instrumnet Name : P8
Client Sample ID : MDCZP2A Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:48:23 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75.50	76.29	83.85	78.54	5.87	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	12.86	ppb
Arsenic	75-2	1.42	1.20	1.73	1.45	18.32	ppb
Barium	135-1	76.93	77.21	79.01	77.72	1.45	ppb
Barium	137-1	77.93	79.02	79.33	78.76	0.94	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	-0.05	0.10	0.07	0.04	191.00	ppb
Cadmium	106-1	-0.36	-1.30	-0.60	-0.75		ppb
Cadmium	111-1	-0.02	-0.11	-0.05	-0.06		ppb
Calcium	43-1	13834.35	14125.22	14151.86	14037.15	1.25	ppb
Calcium	44-1	13937.40	14168.25	14160.60	14088.75	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.37	0.38	0.37	1.78	ppb
Cobalt	59-2	0.93	0.94	0.99	0.95	2.92	ppb
Copper	63-2	0.64	0.62	0.67	0.64	3.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	54-2	4843.92	4904.75	4933.61	4894.10	0.94	ppb
Iron	56-2	4846.79	4960.87	5099.01	4968.89	2.54	ppb
Iron	57-2	4799.11	4917.63	5002.56	4906.43	2.08	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.29	0.29	0.30	7.75	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1255-07A Instrumnet Name : P8
Client Sample ID : MDCZP2A Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:48:23 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.32	0.26	0.26	0.28	10.94	ppb
Lead	208-1	0.32	0.27	0.27	0.29	10.21	ppb
Lithium	6-1				89		%
Magnesium	24-2	6786.49	6914.06	6873.72	6858.09	0.95	ppb
Manganese	55-2	1000.99	1023.80	1039.10	1021.30	1.88	ppb
Molybdenum	94-1	0.46	0.46	0.50	0.48	4.70	ppb
Molybdenum	95-1	0.17	0.19	0.17	0.18	7.73	ppb
Molybdenum	96-1	0.20	0.21	0.20	0.20	3.07	ppb
Molybdenum	97-1	0.16	0.17	0.17	0.16	3.01	ppb
Molybdenum	98-1	0.16	0.17	0.16	0.16	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.16	12.54	12.77	12.49	2.49	ppb
Phosphorus	31-2	98.35	76.86	82.62	85.94	12.95	ppb
Potassium	39-2	1710.89	1744.45	1771.99	1742.44	1.76	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	11.94	11.61	11.71	11.75	1.42	ppb
Selenium	77-2	14.99	14.36	15.58	14.98	4.09	ppb
Selenium	78-2	12.03	12.76	15.52	13.44	13.68	ppb
Silicon	28-1	15044.00	15151.44	15340.97	15178.80	0.99	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.22	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.17	ppb
Sodium	23-2	90538.30	93840.82	94147.41	92842.18	2.16	ppb
Strontium	86-1	115.57	117.24	118.07	116.96	1.09	ppb
Strontium	88-1	117.43	119.51	120.55	119.16	1.33	ppb
Sulfur	34-1	8246.20	8286.34	8079.23	8203.92	1.34	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.05	0.04	0.02	0.04	34.64	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	5.95	ppb
Tin	118-1	0.13	0.16	0.15	0.15	8.76	ppb
Titanium	47-1	2.59	2.51	2.53	2.54	1.58	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.37	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1255-07A Instrumnet Name : P8
Client Sample ID : MDCZP2A Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:48:23 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.39	2.47	2.41	2.42	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	1.74	1.85	2.05	1.88	8.58	ppb
Zirconium	90-1	0.19	0.18	0.18	0.18	4.19	ppb
Zirconium	91-1	0.17	0.16	0.16	0.16	3.27	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCV026 Instrumnet Name : P8
Client Sample ID : CCV026 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 16:22:04 DataFile Name : 037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49583.11	48840.45	48924.18	49115.91	0.83	ppb
Antimony	121-1	467.32	472.26	461.87	467.15	1.11	ppb
Arsenic	75-2	523.89	505.83	523.97	517.90	2.02	ppb
Barium	135-1	2375.76	2331.27	2349.62	2352.22	0.95	ppb
Barium	137-1	2357.04	2325.39	2341.35	2341.26	0.68	ppb
Beryllium	9-1	476.58	493.61	475.19	481.79	2.13	ppb
Bismuth	209-1				85		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	502.74	517.66	509.30	509.90	1.47	ppb
Cadmium	106-1	508.38	509.49	508.01	508.63	0.15	ppb
Cadmium	111-1	521.06	513.54	514.60	516.40	0.79	ppb
Calcium	43-1	248585.28	245828.74	251950.32	248788.11	1.23	ppb
Calcium	44-1	246514.91	244327.62	253180.11	248007.54	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	531.09	509.41	513.83	518.11	2.21	ppb
Cobalt	59-2	523.07	512.66	506.61	514.11	1.62	ppb
Copper	63-2	4984.18	4873.18	4832.53	4896.63	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				93		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	54-2	123835.86	120430.29	121504.78	121923.64	1.43	ppb
Iron	56-2	124967.18	122153.89	120956.72	122692.60	1.68	ppb
Iron	57-2	122516.97	122009.31	121997.40	122174.56	0.24	ppb
Krypton	83-1						cps
Lead	206-1	2356.17	2381.62	2371.05	2369.61	0.54	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCV026 Instrumnet Name : P8
Client Sample ID : CCV026 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 16:22:04 DataFile Name : 037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2313.56	2384.07	2329.23	2342.29	1.58	ppb
Lead	208-1	2326.56	2375.59	2331.13	2344.43	1.16	ppb
Lithium	6-1				86		%
Magnesium	24-2	237598.89	237524.32	235978.43	237033.88	0.39	ppb
Manganese	55-2	5186.08	5055.95	5091.95	5111.33	1.31	ppb
Molybdenum	94-1	4581.63	4760.73	4642.69	4661.69	1.95	ppb
Molybdenum	95-1	4674.65	4789.60	4619.63	4694.63	1.85	ppb
Molybdenum	96-1	4706.72	4764.86	4680.89	4717.49	0.91	ppb
Molybdenum	97-1	4681.03	4729.14	4692.41	4700.86	0.53	ppb
Molybdenum	98-1	4614.41	4657.68	4725.90	4666.00	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.43	478.45	478.82	480.90	0.82	ppb
Phosphorus	31-2	10230.76	10223.28	10240.14	10231.39	0.08	ppb
Potassium	39-2	119879.05	118782.62	117999.24	118886.97	0.79	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	82-1	447.82	451.97	452.88	450.89	0.60	ppb
Selenium	77-2	492.18	501.85	477.29	490.44	2.52	ppb
Selenium	78-2	518.36	489.05	523.06	510.16	3.61	ppb
Silicon	28-1	474.24	481.05	475.00	476.76	0.78	ppb
Silver	107-1	453.58	459.90	455.07	456.18	0.72	ppb
Silver	109-1	450.28	456.25	440.88	449.14	1.73	ppb
Sodium	23-2	244622.17	242082.75	240847.68	242517.53	0.79	ppb
Strontium	86-1	471.94	470.49	475.71	472.71	0.57	ppb
Strontium	88-1	468.75	463.58	465.67	466.00	0.56	ppb
Sulfur	34-1	8717.15	8933.32	8988.89	8879.79	1.62	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	485.63	479.22	476.63	480.49	0.96	ppb
Thallium	205-1	484.28	478.05	475.38	479.24	0.95	ppb
Tin	118-1	468.08	464.27	471.33	467.89	0.75	ppb
Titanium	47-1	4655.25	4678.40	4698.27	4677.31	0.46	ppb
Uranium	238-1	484.89	483.03	481.58	483.16	0.34	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCV026 Instrumnet Name : P8
Client Sample ID : CCV026 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 16:22:04 DataFile Name : 037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	520.13	516.80	509.21	515.38	1.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	4969.08	4851.76	4954.98	4925.27	1.30	ppb
Zirconium	90-1	465.23	471.54	468.71	468.49	0.67	ppb
Zirconium	91-1	474.17	482.46	473.68	476.77	1.03	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCB026 Instrumnet Name : P8
Client Sample ID : CCB026 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 16:33:05 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.49	-0.32	-0.08	-0.30		ppb
Antimony	121-1	0.02	0.03	0.03	0.03	13.42	ppb
Arsenic	75-2	-0.01	-0.05	-0.03	-0.03		ppb
Barium	135-1	0.02	0.01	0.01	0.01	51.18	ppb
Barium	137-1	0.01	0.02	0.02	0.02	36.63	ppb
Beryllium	9-1	-0.01	0.00	0.00	-0.01		ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.09	0.17	0.10	0.12	40.00	ppb
Cadmium	106-1	-0.73	-0.98	-0.29	-0.67		ppb
Cadmium	111-1	-0.05	-0.08	-0.03	-0.05		ppb
Calcium	43-1	-1.68	0.44	-0.74	-0.66		ppb
Calcium	44-1	2.12	2.10	2.19	2.14	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	-0.05	-0.04	-0.04	-0.04		ppb
Copper	63-2	0.05	0.03	0.05	0.04	29.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	1.88	1.33	0.98	1.40	32.40	ppb
Iron	56-2	1.29	0.69	0.97	0.99	30.13	ppb
Iron	57-2	-0.63	0.99	1.58	0.64	177.57	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.08	0.08	6.78	ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCB026 Instrumnet Name : P8
Client Sample ID : CCB026 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 16:33:05 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.09	0.09	0.09	2.05	ppb
Lead	208-1	0.09	0.09	0.08	0.09	5.06	ppb
Lithium	6-1				92		%
Magnesium	24-2	-0.92	-1.56	-0.96	-1.15		ppb
Manganese	55-2	0.19	0.16	0.13	0.16	19.82	ppb
Molybdenum	94-1	0.04	0.03	0.04	0.04	25.30	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	9.52	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	16.15	ppb
Molybdenum	97-1	0.00	0.03	0.02	0.01	95.62	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	26.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.41	-0.57	-0.53	-0.51		ppb
Phosphorus	31-2	-23.04	-16.27	-19.47	-19.59		ppb
Potassium	39-2	20.11	11.09	16.01	15.73	28.71	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	0.03	0.25	0.29	0.19	73.00	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.22	-0.42	0.19	0.00		ppb
Silicon	28-1	1.13	0.95	1.02	1.03	8.64	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.95	ppb
Silver	109-1	0.01	0.01	0.00	0.01	36.25	ppb
Sodium	23-2	28.14	16.62	20.59	21.78	26.88	ppb
Strontium	86-1	-0.01	0.01	0.00	0.00	1029.08	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-298.26	-386.74	-242.54	-309.18		ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.02	0.02	0.02	18.96	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.13	ppb
Tin	118-1	-0.02	-0.02	-0.03	-0.02		ppb
Titanium	47-1	0.01	0.00	0.02	0.01	54.61	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCB026 Instrumnet Name : P8
Client Sample ID : CCB026 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 16:33:05 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	0.16	0.08	0.07	0.11	47.78	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	58.68	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00		ppb

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:30:55 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	60	113	81	34.95	cps
Antimony	121-1	37	87	77	67	39.68	cps
Arsenic	75-2	10	17	23	17	39.99	cps
Barium	135-1	480	507	507	498	3.09	cps
Barium	137-1	720	777	797	764	5.20	cps
Beryllium	9-1	1035	1047	1074	1052	1.88	cps
Bismuth	209-1	11153308	11142930	11067077	11121105	0.42	cps
Bismuth	209-2	4284723	4213920	4293712	4264118	1.02	cps
Bromine	81-1	3547	3434	3467	3483	1.67	cps
Cadmium	108-1	53	53	53	53	0.00	cps
Cadmium	106-1	6545	6538	6648	6577	0.94	cps
Cadmium	111-1	4604	4593	4717	4638	1.47	cps
Calcium	43-1	563	463	480	502	10.67	cps
Calcium	44-1	20628	20334	21212	20725	2.16	cps
Carbon	12-1	2540086	2462464	2444186	2482245	2.05	cps
Carbon	12-2	15558	15475	15475	15503	0.31	cps
Chlorine	35-1	153106	153881	152979	153322	0.32	cps
Chlorine	35-2	480	440	433	451	5.60	cps
Chromium	52-2	2197	2080	2187	2155	3.00	cps
Cobalt	59-2	493	547	583	541	8.36	cps
Copper	63-2	2047	2157	2204	2136	3.77	cps
Dysprosium	156-1	327	293	260	293	11.36	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	73	100	123	99	25.30	cps
Erbium	164-2	13	43	37	31	50.64	cps
Gadolinium	160-1	63	67	77	69	10.08	cps
Gadolinium	160-2	20	17	23	20	16.65	cps
Holmium	165-1	16892629	16732220	16497777	16707542	1.19	cps
Holmium	165-2	5402687	5369069	5492108	5421288	1.17	cps
Indium	115-1	13476802	13140452	13020828	13212694	1.79	cps
Indium	115-2	1163278	1150768	1174123	1162723	1.01	cps
Iron	54-2	697	720	690	702	2.24	cps
Iron	56-2	10347	10888	10687	10641	2.57	cps
Iron	57-2	300	273	317	297	7.37	cps
Krypton	83-1	287	313	253	284	10.57	cps
Lead	206-1	1227	1140	1280	1216	5.81	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:30:55 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1180	1083	977	1080	9.42	cps
Lead	208-1	5090	4924	5064	5026	1.78	cps
Lithium	6-1	8118146	7921507	8164753	8068135	1.60	cps
Magnesium	24-2	2674	2864	2640	2726	4.42	cps
Manganese	55-2	367	333	260	320	17.05	cps
Molybdenum	94-1	483	527	493	501	4.53	cps
Molybdenum	95-1	470	530	463	488	7.53	cps
Molybdenum	96-1	683	667	627	659	4.42	cps
Molybdenum	97-1	427	360	367	384	9.55	cps
Molybdenum	98-1	903	843	843	863	4.01	cps
Neodymium	150-1	17	7	17	13	43.29	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	1663	1713	1910	1762	7.40	cps
Phosphorus	31-2	70	43	93	69	36.32	cps
Potassium	39-2	9373	9593	9160	9375	2.31	cps
Rhodium	103-1	12800128	12656177	12890656	12782320	0.93	cps
Rhodium	103-2	4740635	4622421	4751609	4704888	1.52	cps
Scandium	45-1	9642969	9346865	9437052	9475629	1.60	cps
Scandium	45-2	169861	169459	172532	170617	0.98	cps
Selenium	82-1	-37	-63	37	-21	-245.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	13	10	8	89.21	cps
Silicon	28-1	515250	513157	512953	513787	0.25	cps
Silver	107-1	173	183	143	167	12.49	cps
Silver	109-1	60	47	60	56	13.85	cps
Sodium	23-2	67592	67465	67602	67553	0.11	cps
Strontium	86-1	760	663	697	707	6.95	cps
Strontium	88-1	2507	2267	2334	2369	5.23	cps
Sulfur	34-1	792230	788903	785968	789034	0.40	cps
Terbium	159-1	17439861	17042379	17075851	17186030	1.28	cps
Terbium	159-2	5331719	5243852	5291937	5289170	0.83	cps
Thallium	203-1	470	497	503	490	3.60	cps
Thallium	205-1	1163	1237	1137	1179	4.39	cps
Tin	118-1	1547	1540	1653	1580	4.03	cps
Titanium	47-1	313	273	340	309	10.86	cps
Uranium	238-1	463	417	397	426	8.04	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:30:55 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	17	13	14	13.35	cps
Ytterbium	172-1	97	93	127	106	17.39	cps
Ytterbium	172-2	30	27	30	29	6.65	cps
Ytterbium	176-1	1517	1583	1677	1592	5.05	cps
Ytterbium	176-2	280	303	300	294	4.29	cps
Yttrium	89-1	23138106	22905414	23131675	23058399	0.57	cps
Yttrium	89-2	1498695	1457104	1483511	1479770	1.42	cps
Zinc	66-2	160	180	157	166	7.62	cps
Zirconium	90-1	720	760	770	750	3.53	cps
Zirconium	91-1	153	177	167	166	7.07	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:34:17 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1330	1280	1317	1309	1.98	cps
Antimony	121-1	31102	31526	30895	31174	1.03	cps
Arsenic	75-2	317	347	290	318	8.92	cps
Barium	135-1	35934	36185	36396	36172	0.64	cps
Barium	137-1	62641	62018	63582	62747	1.25	cps
Beryllium	9-1	7026	7266	6978	7090	2.17	cps
Bismuth	209-1	10935933	10970390	11104036	11003453	0.81	cps
Bismuth	209-2	4178775	4204459	4142998	4175411	0.74	cps
Bromine	81-1	3470	3540	3500	3504	1.00	cps
Cadmium	108-1	360	353	357	357	0.94	cps
Cadmium	106-1	7009	6788	6982	6926	1.73	cps
Cadmium	111-1	8645	8335	8605	8528	1.97	cps
Calcium	43-1	26050	27139	27286	26825	2.52	cps
Calcium	44-1	436070	434213	436983	435755	0.32	cps
Carbon	12-1	2639992	2676829	2680934	2665918	0.85	cps
Carbon	12-2	16393	16937	16903	16744	1.82	cps
Chlorine	35-1	143230	142446	142934	142870	0.28	cps
Chlorine	35-2	480	567	513	520	8.41	cps
Chromium	52-2	8586	8876	8796	8753	1.71	cps
Cobalt	59-2	7065	7139	6758	6987	2.89	cps
Copper	63-2	11385	11682	11815	11627	1.89	cps
Dysprosium	156-1	277	237	210	241	13.92	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	83	63	80	76	14.18	cps
Erbium	164-2	17	17	30	21	36.45	cps
Gadolinium	160-1	83	90	97	90	7.41	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	16658811	16254096	16819422	16577443	1.76	cps
Holmium	165-2	5474061	5373114	5282529	5376568	1.78	cps
Indium	115-1	13140513	12687415	13344163	13057364	2.57	cps
Indium	115-2	1147470	1155722	1150075	1151089	0.37	cps
Iron	54-2	7562	7642	7675	7627	0.76	cps
Iron	56-2	133531	131176	132660	132456	0.90	cps
Iron	57-2	3274	3134	3274	3227	2.51	cps
Krypton	83-1	257	287	267	270	5.66	cps
Lead	206-1	13394	13294	13367	13351	0.39	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:34:17 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11539	11478	11809	11609	1.52	cps
Lead	208-1	53257	53694	53527	53493	0.41	cps
Lithium	6-1	7916217	7898334	8174017	7996189	1.93	cps
Magnesium	24-2	119260	121047	121071	120459	0.86	cps
Manganese	55-2	1587	1633	1683	1635	2.96	cps
Molybdenum	94-1	31365	32054	31502	31640	1.15	cps
Molybdenum	95-1	38724	38473	38961	38719	0.63	cps
Molybdenum	96-1	43762	42842	42378	42994	1.64	cps
Molybdenum	97-1	24278	23851	24034	24054	0.89	cps
Molybdenum	98-1	62975	63300	62905	63060	0.33	cps
Neodymium	150-1	30	7	27	21	59.77	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	3380	3410	3327	3373	1.25	cps
Phosphorus	31-2	227	200	183	203	10.75	cps
Potassium	39-2	69211	68063	68270	68515	0.89	cps
Rhodium	103-1	12630126	12282510	12771974	12561536	2.00	cps
Rhodium	103-2	4534627	4709952	4566324	4603634	2.03	cps
Scandium	45-1	9382373	9143853	9446385	9324203	1.71	cps
Scandium	45-2	166506	166679	167470	166885	0.31	cps
Selenium	82-1	1347	1213	1287	1282	5.21	cps
Selenium	77-2	13	17	17	16	12.40	cps
Selenium	78-2	63	53	80	66	20.55	cps
Silicon	28-1	585808	584553	581414	583925	0.39	cps
Silver	107-1	18366	19123	18406	18632	2.29	cps
Silver	109-1	17812	17598	18546	17985	2.76	cps
Sodium	23-2	298511	302203	299041	299919	0.67	cps
Strontium	86-1	5688	5915	5571	5725	3.05	cps
Strontium	88-1	45517	45531	45393	45480	0.17	cps
Sulfur	34-1	780371	783024	780574	781323	0.19	cps
Terbium	159-1	17064428	16446003	17426280	16978903	2.92	cps
Terbium	159-2	5221096	5204180	5275568	5233615	0.71	cps
Thallium	203-1	15670	15493	15413	15525	0.85	cps
Thallium	205-1	37160	37166	36979	37102	0.29	cps
Tin	118-1	62284	62070	62750	62368	0.56	cps
Titanium	47-1	12425	12629	12929	12661	2.00	cps
Uranium	238-1	49931	48967	49111	49336	1.05	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:34:17 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	12729	12446	12772	12649	1.40	cps
Ytterbium	172-1	103	90	93	96	7.26	cps
Ytterbium	172-2	40	20	20	27	43.30	cps
Ytterbium	176-1	1523	1783	1577	1628	8.44	cps
Ytterbium	176-2	280	260	267	269	3.79	cps
Yttrium	89-1	23222216	22847685	23505401	23191768	1.42	cps
Yttrium	89-2	1481856	1450802	1436311	1456323	1.60	cps
Zinc	66-2	2747	2764	2767	2759	0.39	cps
Zirconium	90-1	27040	27006	26452	26833	1.23	cps
Zirconium	91-1	5915	5618	5898	5810	2.87	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:37:40 DataFile Name : 006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57741	57998	58229	57989	0.42	cps
Antimony	121-1	704853	718620	724124	715866	1.39	cps
Arsenic	75-2	13723	13790	13473	13662	1.22	cps
Barium	135-1	830665	853397	848013	844025	1.41	cps
Barium	137-1	1444036	1461932	1471753	1459240	0.96	cps
Beryllium	9-1	266909	270477	270370	269252	0.75	cps
Bismuth	209-1	11183152	11137398	11343888	11221479	0.97	cps
Bismuth	209-2	4224683	4213546	4253382	4230537	0.49	cps
Bromine	81-1	3294	3744	3494	3510	6.42	cps
Cadmium	108-1	14975	14838	14908	14907	0.46	cps
Cadmium	106-1	27327	26980	26716	27008	1.14	cps
Cadmium	111-1	181267	183849	182457	182524	0.71	cps
Calcium	43-1	239592	242894	242861	241782	0.78	cps
Calcium	44-1	3901351	4007780	3913452	3940861	1.48	cps
Carbon	12-1	2646096	2656659	2589609	2630788	1.37	cps
Carbon	12-2	16549	17224	17400	17058	2.63	cps
Chlorine	35-1	135268	136490	135699	135819	0.46	cps
Chlorine	35-2	563	450	487	500	11.57	cps
Chromium	52-2	150722	150569	150950	150747	0.13	cps
Cobalt	59-2	289428	289032	292991	290484	0.75	cps
Copper	63-2	2344349	2328737	2336702	2336596	0.33	cps
Dysprosium	156-1	267	337	267	290	13.94	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	100	90	110	100	10.00	cps
Erbium	164-2	13	43	13	23	74.24	cps
Gadolinium	160-1	97	47	97	80	36.08	cps
Gadolinium	160-2	27	13	23	21	32.88	cps
Holmium	165-1	17017261	17081249	16875016	16991176	0.62	cps
Holmium	165-2	5524304	5647990	5600721	5591005	1.12	cps
Indium	115-1	13464459	13304949	13325348	13364919	0.65	cps
Indium	115-2	1177989	1183689	1185319	1182332	0.33	cps
Iron	54-2	312233	309625	312665	311508	0.53	cps
Iron	56-2	5749512	5676750	5653075	5693112	0.88	cps
Iron	57-2	141874	141740	142524	142046	0.30	cps
Krypton	83-1	307	297	313	306	2.75	cps
Lead	206-1	3001668	3044574	3012901	3019714	0.74	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:37:40 DataFile Name : 006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2583277	2599266	2568143	2583562	0.60	cps
Lead	208-1	11922108	11892258	11848713	11887693	0.31	cps
Lithium	6-1	7966506	7988750	7924929	7960062	0.41	cps
Magnesium	24-2	1106846	1121407	1104537	1110930	0.82	cps
Manganese	55-2	596623	607336	607643	603867	1.04	cps
Molybdenum	94-1	2498618	2529772	2501497	2509962	0.69	cps
Molybdenum	95-1	3594346	3665325	3719227	3659633	1.71	cps
Molybdenum	96-1	3950113	4025567	4002110	3992597	0.97	cps
Molybdenum	97-1	2231040	2241360	2288751	2253717	1.37	cps
Molybdenum	98-1	5844949	5888675	5922768	5885464	0.66	cps
Neodymium	150-1	93	80	60	78	21.57	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	80693	81642	81653	81329	0.68	cps
Phosphorus	31-2	2937	2734	2870	2847	3.64	cps
Potassium	39-2	292157	291537	292405	292033	0.15	cps
Rhodium	103-1	12678874	12686365	12584558	12649932	0.45	cps
Rhodium	103-2	4740775	4706207	4820465	4755815	1.23	cps
Scandium	45-1	9267484	9336577	9471788	9358616	1.11	cps
Scandium	45-2	173619	170849	173055	172508	0.85	cps
Selenium	82-1	11108	11365	11635	11369	2.32	cps
Selenium	77-2	170	210	253	211	19.74	cps
Selenium	78-2	577	567	583	576	1.46	cps
Silicon	28-1	1114029	1123959	1103294	1113760	0.93	cps
Silver	107-1	899918	911195	918788	909967	1.04	cps
Silver	109-1	859083	863886	879695	867555	1.24	cps
Sodium	23-2	2254630	2305169	2278674	2279491	1.11	cps
Strontium	86-1	228359	231653	229635	229882	0.72	cps
Strontium	88-1	2023609	2078307	2090966	2064294	1.73	cps
Sulfur	34-1	852638	847989	848060	849562	0.31	cps
Terbium	159-1	17197067	17760498	17305862	17421142	1.72	cps
Terbium	159-2	5237246	5268889	5303927	5270021	0.63	cps
Thallium	203-1	698736	701726	710454	703638	0.87	cps
Thallium	205-1	1698655	1707273	1720330	1708753	0.64	cps
Tin	118-1	566513	575859	578527	573633	1.10	cps
Titanium	47-1	1119401	1120846	1124479	1121575	0.23	cps
Uranium	238-1	2372879	2442181	2421829	2412296	1.48	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:37:40 DataFile Name : 006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	116540	114541	117494	116191	1.30	cps
Ytterbium	172-1	123	93	93	103	16.76	cps
Ytterbium	172-2	43	37	30	37	18.18	cps
Ytterbium	176-1	4754	5031	4871	4885	2.84	cps
Ytterbium	176-2	1300	1347	1227	1291	4.69	cps
Yttrium	89-1	22802390	23231410	23472770	23168857	1.47	cps
Yttrium	89-2	1492472	1488321	1516258	1499017	1.01	cps
Zinc	66-2	239037	239726	240298	239687	0.26	cps
Zirconium	90-1	1226087	1230718	1245875	1234226	0.84	cps
Zirconium	91-1	267588	273017	272932	271179	1.15	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:40:47 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144698	146149	145004	145284	0.53	cps
Antimony	121-1	1807355	1824447	1814550	1815451	0.47	cps
Arsenic	75-2	33710	34599	34643	34317	1.53	cps
Barium	135-1	2130599	2180608	2174606	2161938	1.26	cps
Barium	137-1	3743747	3630333	3670743	3681608	1.56	cps
Beryllium	9-1	662005	666320	671074	666466	0.68	cps
Bismuth	209-1	11213154	11019037	10991322	11074504	1.09	cps
Bismuth	209-2	4129477	4210609	4123839	4154641	1.17	cps
Bromine	81-1	3264	3534	3644	3480	5.62	cps
Cadmium	108-1	36829	37110	37247	37062	0.57	cps
Cadmium	106-1	57379	57774	58373	57842	0.87	cps
Cadmium	111-1	445845	446526	455587	449319	1.21	cps
Calcium	43-1	596320	604636	607257	602737	0.95	cps
Calcium	44-1	9698936	9522903	9691108	9637649	1.03	cps
Carbon	12-1	2979066	2990224	2993644	2987645	0.26	cps
Carbon	12-2	19640	19563	20204	19802	1.77	cps
Chlorine	35-1	136876	137579	139824	138093	1.12	cps
Chlorine	35-2	427	483	477	462	6.70	cps
Chromium	52-2	376015	377462	377261	376913	0.21	cps
Cobalt	59-2	716472	715616	708965	713684	0.58	cps
Copper	63-2	5736701	5755849	5762487	5751679	0.23	cps
Dysprosium	156-1	337	273	230	280	19.16	cps
Dysprosium	156-2	10	20	0	10	100.00	cps
Erbium	164-1	80	97	103	93	12.88	cps
Erbium	164-2	30	23	23	26	15.07	cps
Gadolinium	160-1	103	80	83	89	14.20	cps
Gadolinium	160-2	33	30	23	29	17.63	cps
Holmium	165-1	17085363	16799825	17020310	16968499	0.88	cps
Holmium	165-2	5521644	5443380	5564960	5509995	1.12	cps
Indium	115-1	13334890	13290033	13197926	13274283	0.53	cps
Indium	115-2	1182525	1173228	1172068	1175941	0.49	cps
Iron	54-2	772230	770193	770789	771071	0.14	cps
Iron	56-2	14428580	14155900	14021225	14201902	1.46	cps
Iron	57-2	358704	353245	351353	354434	1.08	cps
Krypton	83-1	247	243	293	261	10.71	cps
Lead	206-1	7277343	7208548	7347162	7277684	0.95	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:40:47 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6423830	6386969	6393758	6401519	0.31	cps
Lead	208-1	29600950	29200008	29587023	29462660	0.77	cps
Lithium	6-1	7953005	7725128	7936750	7871628	1.62	cps
Magnesium	24-2	2800039	2727587	2778973	2768867	1.35	cps
Manganese	55-2	1583824	1534630	1550701	1556385	1.61	cps
Molybdenum	94-1	6105042	6150495	6292855	6182798	1.58	cps
Molybdenum	95-1	8979682	9052362	9051986	9028010	0.46	cps
Molybdenum	96-1	9910632	9980921	9818812	9903455	0.82	cps
Molybdenum	97-1	5623610	5628453	5640431	5630832	0.15	cps
Molybdenum	98-1	14858859	14535592	14915862	14770104	1.39	cps
Neodymium	150-1	143	127	150	140	8.58	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	199227	200447	199908	199861	0.31	cps
Phosphorus	31-2	7169	7162	7202	7177	0.30	cps
Potassium	39-2	719620	719846	717643	719036	0.17	cps
Rhodium	103-1	12750180	12464746	12611583	12608836	1.13	cps
Rhodium	103-2	4691207	4669731	4595221	4652053	1.08	cps
Scandium	45-1	9548600	9481289	9563813	9531234	0.46	cps
Scandium	45-2	172664	173025	170177	171955	0.90	cps
Selenium	82-1	28025	28446	28910	28461	1.56	cps
Selenium	77-2	443	407	407	419	5.05	cps
Selenium	78-2	1463	1570	1377	1470	6.59	cps
Silicon	28-1	1982025	1987298	1997742	1989022	0.40	cps
Silver	107-1	2355104	2358319	2363797	2359074	0.19	cps
Silver	109-1	2202998	2236145	2266222	2235121	1.41	cps
Sodium	23-2	5586243	5484346	5601838	5557475	1.15	cps
Strontium	86-1	575656	571081	577834	574857	0.60	cps
Strontium	88-1	5102379	5124924	5090747	5106017	0.34	cps
Sulfur	34-1	952031	957268	953312	954204	0.29	cps
Terbium	159-1	17648747	17239316	16811208	17233090	2.43	cps
Terbium	159-2	5323708	5254199	5295040	5290982	0.66	cps
Thallium	203-1	1821692	1797622	1780709	1800008	1.14	cps
Thallium	205-1	4280107	4298413	4388193	4322237	1.34	cps
Tin	118-1	1410886	1443889	1434487	1429754	1.19	cps
Titanium	47-1	2860120	2810171	2837784	2836025	0.88	cps
Uranium	238-1	5987586	5958961	6075760	6007436	1.01	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:40:47 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	293612	293660	291556	292943	0.41	cps
Ytterbium	172-1	100	140	113	118	17.29	cps
Ytterbium	172-2	33	50	50	44	21.66	cps
Ytterbium	176-1	9667	9827	10097	9864	2.21	cps
Ytterbium	176-2	2747	3084	2877	2903	5.85	cps
Yttrium	89-1	23608705	23606435	23315865	23510335	0.72	cps
Yttrium	89-2	1525837	1537351	1520525	1527904	0.56	cps
Zinc	66-2	594196	597508	595807	595837	0.28	cps
Zirconium	90-1	3171716	3208188	3184452	3188119	0.58	cps
Zirconium	91-1	674529	687281	689852	683887	1.20	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:43:47 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	296185	291558	297755	295166	1.09	cps
Antimony	121-1	3755340	3762449	3836942	3784910	1.19	cps
Arsenic	75-2	69832	71768	71838	71146	1.60	cps
Barium	135-1	4375881	4336621	4434824	4382442	1.13	cps
Barium	137-1	7468791	7602650	7495986	7522476	0.94	cps
Beryllium	9-1	1361567	1388512	1371110	1373730	0.99	cps
Bismuth	209-1	10863891	10828339	10720629	10804287	0.69	cps
Bismuth	209-2	4006024	4107262	3641009	3918098	6.26	cps
Bromine	81-1	3500	3504	3527	3510	0.41	cps
Cadmium	108-1	74765	74936	74540	74747	0.27	cps
Cadmium	106-1	110652	111627	111160	111146	0.44	cps
Cadmium	111-1	904633	912685	907386	908235	0.45	cps
Calcium	43-1	1233233	1235481	1233656	1234123	0.10	cps
Calcium	44-1	19506248	19666441	19776044	19649578	0.69	cps
Carbon	12-1	3155561	3217160	3245779	3206167	1.44	cps
Carbon	12-2	21763	21636	20868	21422	2.26	cps
Chlorine	35-1	140144	141201	141850	141065	0.61	cps
Chlorine	35-2	387	547	477	470	17.07	cps
Chromium	52-2	758688	758348	758402	758479	0.02	cps
Cobalt	59-2	1482988	1489272	1487150	1486470	0.22	cps
Copper	63-2	11642536	11508814	11562869	11571407	0.58	cps
Dysprosium	156-1	223	283	313	273	16.77	cps
Dysprosium	156-2	13	20	7	13	49.99	cps
Erbium	164-1	117	123	147	129	12.22	cps
Erbium	164-2	30	60	30	40	43.30	cps
Gadolinium	160-1	107	113	100	107	6.25	cps
Gadolinium	160-2	23	27	27	26	7.55	cps
Holmium	165-1	17136127	16794260	16650528	16860305	1.48	cps
Holmium	165-2	5433608	5614002	4906041	5317884	6.92	cps
Indium	115-1	13122757	12907016	12860154	12963309	1.08	cps
Indium	115-2	1108168	1179112	1033334	1106871	6.59	cps
Iron	54-2	1601765	1607781	1570527	1593358	1.26	cps
Iron	56-2	28869460	28585595	28732713	28729256	0.49	cps
Iron	57-2	709938	712894	720676	714503	0.78	cps
Krypton	83-1	273	260	307	280	8.58	cps
Lead	206-1	14654624	14706049	14677130	14679267	0.18	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:43:47 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12869543	12975224	12847485	12897417	0.53	cps
Lead	208-1	59509739	60033998	59705966	59749901	0.44	cps
Lithium	6-1	7824434	7781427	7642099	7749320	1.23	cps
Magnesium	24-2	5544296	5569084	5648635	5587338	0.98	cps
Manganese	55-2	3083191	3103334	3163022	3116516	1.33	cps
Molybdenum	94-1	12600106	12817714	12584465	12667428	1.03	cps
Molybdenum	95-1	18479268	18705063	18453356	18545896	0.75	cps
Molybdenum	96-1	20111483	20532754	20050966	20231734	1.30	cps
Molybdenum	97-1	11447786	11495843	11523163	11488931	0.33	cps
Molybdenum	98-1	30135246	30183808	30304098	30207717	0.29	cps
Neodymium	150-1	283	317	283	294	6.54	cps
Neodymium	150-2	17	3	20	13	66.16	cps
Nickel	60-2	397134	400151	402646	399977	0.69	cps
Phosphorus	31-2	14517	14941	14694	14718	1.45	cps
Potassium	39-2	1490196	1518102	1512317	1506872	0.98	cps
Rhodium	103-1	12328686	12219024	12057886	12201865	1.12	cps
Rhodium	103-2	4390159	4653891	4066059	4370036	6.74	cps
Scandium	45-1	9493752	9159558	9194335	9282548	1.98	cps
Scandium	45-2	165852	173743	152645	164080	6.50	cps
Selenium	82-1	56608	58542	58155	57768	1.77	cps
Selenium	77-2	827	903	850	860	4.57	cps
Selenium	78-2	2887	2964	2947	2933	1.38	cps
Silicon	28-1	3566587	3577761	3552615	3565654	0.35	cps
Silver	107-1	4655433	4788862	4696394	4713563	1.45	cps
Silver	109-1	4466709	4489871	4482970	4479850	0.27	cps
Sodium	23-2	11277171	11194948	11177664	11216594	0.47	cps
Strontium	86-1	1162791	1173168	1164894	1166951	0.47	cps
Strontium	88-1	10170247	10256739	10181695	10202894	0.46	cps
Sulfur	34-1	1102940	1108702	1098866	1103503	0.45	cps
Terbium	159-1	17541675	16907981	17196342	17215333	1.84	cps
Terbium	159-2	5110638	5345916	4750557	5069037	5.92	cps
Thallium	203-1	3621646	3610817	3678270	3636911	1.00	cps
Thallium	205-1	8535721	8559980	8536888	8544197	0.16	cps
Tin	118-1	2930351	2968525	2983096	2960657	0.92	cps
Titanium	47-1	5750407	5735805	5736977	5741063	0.14	cps
Uranium	238-1	12357900	12394978	12370076	12374318	0.15	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:43:47 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	591452	594597	596356	594135	0.42	cps
Ytterbium	172-1	130	110	153	131	16.54	cps
Ytterbium	172-2	47	43	27	39	27.55	cps
Ytterbium	176-1	18246	18780	18707	18578	1.56	cps
Ytterbium	176-2	5691	5691	5925	5769	2.34	cps
Yttrium	89-1	22975297	22700073	22744299	22806556	0.65	cps
Yttrium	89-2	1450717	1493748	1315005	1419823	6.57	cps
Zinc	66-2	1201840	1207354	1202680	1203958	0.25	cps
Zirconium	90-1	6403688	6399379	6311157	6371408	0.82	cps
Zirconium	91-1	1441592	1415883	1415348	1424274	1.05	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:46:37 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	569289	572604	567470	569788	0.46	cps
Antimony	121-1	7151242	7315350	7162863	7209818	1.27	cps
Arsenic	75-2	135485	138049	137305	136946	0.96	cps
Barium	135-1	8423951	8682528	8534165	8546881	1.52	cps
Barium	137-1	14533890	14548935	14452253	14511693	0.36	cps
Beryllium	9-1	2613242	2578723	2542741	2578235	1.37	cps
Bismuth	209-1	10595544	10457442	10531926	10528304	0.66	cps
Bismuth	209-2	3989723	3985800	3975609	3983711	0.18	cps
Bromine	81-1	3704	3564	3704	3657	2.21	cps
Cadmium	108-1	141871	142174	145118	143055	1.25	cps
Cadmium	106-1	207963	209300	205203	207489	1.01	cps
Cadmium	111-1	1754687	1766924	1760863	1760825	0.35	cps
Calcium	43-1	2390221	2404217	2444600	2413013	1.17	cps
Calcium	44-1	37869571	37669801	38565680	38035017	1.24	cps
Carbon	12-1	3417988	3545852	3629479	3531106	3.02	cps
Carbon	12-2	25038	24547	25155	24913	1.29	cps
Chlorine	35-1	148998	149529	150382	149636	0.47	cps
Chlorine	35-2	520	513	510	514	0.99	cps
Chromium	52-2	1552719	1506582	1509796	1523032	1.69	cps
Cobalt	59-2	2822939	2872609	2878953	2858167	1.07	cps
Copper	63-2	22458066	22210116	21999402	22222528	1.03	cps
Dysprosium	156-1	333	320	323	326	2.13	cps
Dysprosium	156-2	30	13	30	24	39.37	cps
Erbium	164-1	160	123	170	151	16.26	cps
Erbium	164-2	60	50	40	50	20.00	cps
Gadolinium	160-1	140	163	133	146	10.82	cps
Gadolinium	160-2	40	40	47	42	9.12	cps
Holmium	165-1	16437922	16660666	16242341	16446976	1.27	cps
Holmium	165-2	5353756	5389923	5485514	5409731	1.26	cps
Indium	115-1	12745053	12385785	12396237	12509025	1.63	cps
Indium	115-2	1109528	1116384	1124880	1116931	0.69	cps
Iron	54-2	3024250	3091174	3060430	3058618	1.10	cps
Iron	56-2	55640178	54783949	56407062	55610396	1.46	cps
Iron	57-2	1369937	1408893	1430146	1402992	2.18	cps
Krypton	83-1	247	270	320	279	13.43	cps
Lead	206-1	28885635	29130205	28909005	28974948	0.47	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:46:37 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	25082555	24901693	24997473	24993907	0.36	cps
Lead	208-1	115491092	115380082	115149922	115340366	0.15	cps
Lithium	6-1	7560175	7529522	7639480	7576392	0.75	cps
Magnesium	24-2	10847201	10559075	10872231	10759502	1.62	cps
Manganese	55-2	5988204	5932861	5951519	5957528	0.47	cps
Molybdenum	94-1	24418340	24452002	24956756	24609033	1.23	cps
Molybdenum	95-1	35874132	35367838	36652697	35964889	1.80	cps
Molybdenum	96-1	39453839	39312899	39987392	39584710	0.90	cps
Molybdenum	97-1	22501381	22090643	22538207	22376744	1.11	cps
Molybdenum	98-1	58463179	58097294	59251572	58604015	1.01	cps
Neodymium	150-1	633	600	623	619	2.76	cps
Neodymium	150-2	23	30	30	28	13.86	cps
Nickel	60-2	763837	767965	772336	768046	0.55	cps
Phosphorus	31-2	27980	28111	28435	28175	0.83	cps
Potassium	39-2	2852450	2827840	2896556	2858949	1.22	cps
Rhodium	103-1	12089881	11909607	11932722	11977403	0.82	cps
Rhodium	103-2	4542275	4429645	4439009	4470310	1.40	cps
Scandium	45-1	9307792	9064697	9281688	9218059	1.45	cps
Scandium	45-2	168014	169007	172387	169803	1.35	cps
Selenium	82-1	109700	111783	110426	110636	0.96	cps
Selenium	77-2	1667	1717	1750	1711	2.45	cps
Selenium	78-2	5671	5611	6098	5793	4.58	cps
Silicon	28-1	6366202	6376341	6329638	6357394	0.39	cps
Silver	107-1	8870313	9105349	8946111	8973924	1.34	cps
Silver	109-1	8331433	8548483	8568021	8482645	1.55	cps
Sodium	23-2	21815266	21535478	21734781	21695175	0.66	cps
Strontium	86-1	2278594	2341687	2340724	2320335	1.56	cps
Strontium	88-1	20128612	20118732	20279051	20175465	0.45	cps
Sulfur	34-1	1415920	1421867	1425870	1421219	0.35	cps
Terbium	159-1	17024863	17201818	16994401	17073694	0.66	cps
Terbium	159-2	5266663	5219107	5202209	5229326	0.64	cps
Thallium	203-1	7034541	7057253	7033837	7041877	0.19	cps
Thallium	205-1	16837081	16977655	16705690	16840142	0.81	cps
Tin	118-1	5662982	5827693	5627878	5706184	1.87	cps
Titanium	47-1	11205183	11000069	11392302	11199185	1.75	cps
Uranium	238-1	23715150	23526872	23356375	23532799	0.76	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:46:37 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1146166	1150957	1159693	1152272	0.60	cps
Ytterbium	172-1	170	143	160	158	8.54	cps
Ytterbium	172-2	63	73	67	68	7.51	cps
Ytterbium	176-1	34034	34141	34826	34333	1.25	cps
Ytterbium	176-2	10881	10798	10858	10846	0.40	cps
Yttrium	89-1	22744003	22404109	22806567	22651560	0.96	cps
Yttrium	89-2	1479912	1472460	1490993	1481121	0.63	cps
Zinc	66-2	2395008	2369980	2376000	2380329	0.55	cps
Zirconium	90-1	12506434	12358407	12630774	12498538	1.09	cps
Zirconium	91-1	2774823	2762479	2817817	2785040	1.04	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:49:25 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1096275	1107778	1105423	1103158	0.55	cps
Antimony	121-1	13867396	14085970	14073211	14008859	0.88	cps
Arsenic	75-2	265524	266611	265215	265784	0.28	cps
Barium	135-1	16348423	16655708	16941014	16648381	1.78	cps
Barium	137-1	28312388	28235796	29289405	28612530	2.05	cps
Beryllium	9-1	4931285	5045195	5196885	5057788	2.63	cps
Bismuth	209-1	10262132	10370663	8554891	9729229	10.47	cps
Bismuth	209-2	4218809	4092084	3890969	4067287	4.06	cps
Bromine	81-1	3624	3757	3937	3773	4.17	cps
Cadmium	108-1	275497	277317	282883	278566	1.38	cps
Cadmium	106-1	392568	397277	397294	395713	0.69	cps
Cadmium	111-1	3421242	3458162	3428989	3436131	0.57	cps
Calcium	43-1	4645661	4707052	4839402	4730705	2.09	cps
Calcium	44-1	73756717	74457686	75340592	74518332	1.07	cps
Carbon	12-1	4207919	4468380	4598912	4425070	4.50	cps
Carbon	12-2	32536	33538	33184	33086	1.54	cps
Chlorine	35-1	166992	170478	173321	170264	1.86	cps
Chlorine	35-2	673	623	603	633	5.69	cps
Chromium	52-2	2917211	2971837	2949847	2946298	0.93	cps
Cobalt	59-2	5458345	5417743	5462970	5446352	0.46	cps
Copper	63-2	41958406	42594859	42899624	42484297	1.13	cps
Dysprosium	156-1	527	400	383	437	17.95	cps
Dysprosium	156-2	50	63	33	49	30.75	cps
Erbium	164-1	240	207	217	221	7.74	cps
Erbium	164-2	73	70	90	78	13.78	cps
Gadolinium	160-1	183	220	200	201	9.13	cps
Gadolinium	160-2	43	63	70	59	23.57	cps
Holmium	165-1	16764599	16306971	13286210	15452594	12.23	cps
Holmium	165-2	5987387	5483537	5310828	5593917	6.28	cps
Indium	115-1	12241197	12183891	9863380	11429489	11.87	cps
Indium	115-2	1177922	1146061	1079665	1134549	4.42	cps
Iron	54-2	5889881	5951988	5946663	5929511	0.58	cps
Iron	56-2	107218605	107695265	108441625	107785165	0.57	cps
Iron	57-2	2769679	2737864	2791886	2766476	0.98	cps
Krypton	83-1	290	247	297	278	9.77	cps
Lead	206-1	54471129	57362946	56481876	56105317	2.64	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:49:25 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	47942579	49890158	49029401	48954046	1.99	cps
Lead	208-1	220018537	228530422	227264992	225271317	2.04	cps
Lithium	6-1	7305140	7428526	6518854	7084173	6.97	cps
Magnesium	24-2	20760273	20812753	20912683	20828569	0.37	cps
Manganese	55-2	11610018	11566082	11701888	11625996	0.60	cps
Molybdenum	94-1	47323149	48162736	50149784	48545223	2.99	cps
Molybdenum	95-1	69218026	70905839	70393276	70172380	1.23	cps
Molybdenum	96-1	75695796	77431647	77569347	76898930	1.36	cps
Molybdenum	97-1	43359293	43404769	44536961	43767008	1.52	cps
Molybdenum	98-1	113188465	114601008	115719852	114503108	1.11	cps
Neodymium	150-1	1043	1090	1160	1098	5.35	cps
Neodymium	150-2	40	50	43	44	11.46	cps
Nickel	60-2	1529684	1541927	1525877	1532496	0.55	cps
Phosphorus	31-2	54388	54562	54395	54448	0.18	cps
Potassium	39-2	5484070	5499041	5503551	5495554	0.19	cps
Rhodium	103-1	11660253	11463713	9311612	10811859	12.05	cps
Rhodium	103-2	4791550	4505992	4299862	4532468	5.45	cps
Scandium	45-1	9261660	9042045	7255510	8519738	12.92	cps
Scandium	45-2	185947	179791	168900	178213	4.84	cps
Selenium	82-1	216930	215247	216567	216248	0.41	cps
Selenium	77-2	3290	3284	3474	3349	3.22	cps
Selenium	78-2	10881	11335	11488	11235	2.81	cps
Silicon	28-1	11910129	11592323	11968889	11823780	1.71	cps
Silver	107-1	17315681	17274683	17460991	17350452	0.56	cps
Silver	109-1	16286306	16709152	16450696	16482051	1.29	cps
Sodium	23-2	42145206	41999984	42600405	42248532	0.74	cps
Strontium	86-1	4582382	4521681	4688539	4597534	1.84	cps
Strontium	88-1	39817471	38597103	40669691	39694755	2.62	cps
Sulfur	34-1	2051668	2030114	2019358	2033714	0.81	cps
Terbium	159-1	16850338	17094129	13706114	15883527	11.90	cps
Terbium	159-2	5652511	5351610	5226534	5410218	4.05	cps
Thallium	203-1	13374986	13731250	13589406	13565214	1.32	cps
Thallium	205-1	31838124	33174803	32912973	32641966	2.17	cps
Tin	118-1	10977055	11194387	11143203	11104882	1.02	cps
Titanium	47-1	21434635	21858946	22098737	21797439	1.54	cps
Uranium	238-1	45770868	46677189	47164126	46537394	1.52	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:49:25 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2298851	2305810	2312650	2305770	0.30	cps
Ytterbium	172-1	253	260	210	241	11.26	cps
Ytterbium	172-2	113	87	110	103	14.06	cps
Ytterbium	176-1	66644	66054	66406	66368	0.45	cps
Ytterbium	176-2	20873	21084	20773	20910	0.76	cps
Yttrium	89-1	22713165	22159476	18450624	21107755	10.98	cps
Yttrium	89-2	1607574	1574683	1466936	1549731	4.75	cps
Zinc	66-2	4520058	4503637	4441524	4488406	0.92	cps
Zirconium	90-1	24270111	24598554	25100011	24656225	1.70	cps
Zirconium	91-1	5311972	5402840	5500705	5405172	1.75	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:52:10 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5395700	5421753	5437316	5418256	0.39	cps
Antimony	121-1	10854	10297	10391	10514	2.84	cps
Arsenic	75-2	160	93	167	140	28.97	cps
Barium	135-1	6552	6145	6325	6340	3.22	cps
Barium	137-1	11528	11508	10968	11335	2.81	cps
Beryllium	9-1	2572	2391	2252	2405	6.67	cps
Bismuth	209-1	9014600	9071318	8924636	9003518	0.82	cps
Bismuth	209-2	3455071	3408927	3361146	3408381	1.38	cps
Bromine	81-1	3901	3974	4117	3997	2.76	cps
Cadmium	108-1	273	207	237	239	13.98	cps
Cadmium	106-1	6205	6195	6065	6155	1.27	cps
Cadmium	111-1	4849	4928	4676	4818	2.67	cps
Calcium	43-1	20860448	21229953	21157764	21082722	0.93	cps
Calcium	44-1	336563342	342590288	339916768	339690133	0.89	cps
Carbon	12-1	3825912	4018159	4105411	3983161	3.59	cps
Carbon	12-2	35787	36338	35740	35955	0.93	cps
Chlorine	35-1	128972	127496	126571	127679	0.95	cps
Chlorine	35-2	503	420	467	463	9.01	cps
Chromium	52-2	9553	9894	9537	9661	2.09	cps
Cobalt	59-2	11575	11585	11408	11523	0.86	cps
Copper	63-2	9623	9803	10037	9821	2.11	cps
Dysprosium	156-1	507	667	750	641	19.29	cps
Dysprosium	156-2	167	120	203	163	25.57	cps
Erbium	164-1	470	607	580	552	13.12	cps
Erbium	164-2	240	157	153	183	26.78	cps
Gadolinium	160-1	507	503	517	509	1.36	cps
Gadolinium	160-2	203	177	180	187	7.79	cps
Holmium	165-1	15248185	15330006	15323449	15300547	0.30	cps
Holmium	165-2	5123045	4970507	4950243	5014598	1.88	cps
Indium	115-1	11209198	11417311	11143646	11256718	1.27	cps
Indium	115-2	1019797	1021157	999806	1013587	1.18	cps
Iron	54-2	27289845	27549824	27424535	27421401	0.47	cps
Iron	56-2	498388499	501405473	503310739	501034904	0.50	cps
Iron	57-2	12652980	12661106	12811603	12708563	0.70	cps
Krypton	83-1	323	403	363	363	11.01	cps
Lead	206-1	11422	10668	10231	10773	5.59	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:52:10 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9650	9327	8670	9216	5.42	cps
Lead	208-1	45185	42671	40175	42677	5.87	cps
Lithium	6-1	6840653	6759512	6987587	6862584	1.68	cps
Magnesium	24-2	99562509	98796305	99019379	99126064	0.40	cps
Manganese	55-2	5268	5628	5374	5423	3.41	cps
Molybdenum	94-1	34663	35355	34372	34797	1.45	cps
Molybdenum	95-1	35576	35763	35448	35596	0.44	cps
Molybdenum	96-1	40957	40612	41007	40859	0.53	cps
Molybdenum	97-1	21814	21520	21834	21723	0.81	cps
Molybdenum	98-1	56223	56551	55213	55996	1.25	cps
Neodymium	150-1	307	273	333	304	9.87	cps
Neodymium	150-2	50	57	63	57	11.76	cps
Nickel	60-2	6131	6008	6098	6079	1.05	cps
Phosphorus	31-2	117	107	87	103	14.78	cps
Potassium	39-2	27132060	26627966	26906374	26888800	0.94	cps
Rhodium	103-1	10101125	10065151	10102134	10089470	0.21	cps
Rhodium	103-2	3868732	3878849	3815681	3854421	0.88	cps
Scandium	45-1	8472881	8475913	8546999	8498597	0.49	cps
Scandium	45-2	158587	162087	157768	159481	1.44	cps
Selenium	82-1	43	7	-67	-6	-1008.66	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	20	13	23	19	26.96	cps
Silicon	28-1	677442	663155	659466	666688	1.42	cps
Silver	107-1	3200	3010	2744	2985	7.69	cps
Silver	109-1	3034	2704	2587	2775	8.35	cps
Sodium	23-2	195073537	196591117	197530030	196398228	0.63	cps
Strontium	86-1	13727	13780	13794	13767	0.26	cps
Strontium	88-1	116689	117308	114861	116286	1.09	cps
Sulfur	34-1	724840	725336	725585	725254	0.05	cps
Terbium	159-1	15782826	15545689	15194499	15507671	1.91	cps
Terbium	159-2	4866435	4859684	4778806	4834975	1.01	cps
Thallium	203-1	1457	1350	1313	1373	5.42	cps
Thallium	205-1	3537	3224	3024	3262	7.93	cps
Tin	118-1	3394	3500	3207	3367	4.41	cps
Titanium	47-1	4381	5001	5071	4818	7.89	cps
Uranium	238-1	2480	2377	1750	2202	17.94	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 13:52:10 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	577	550	610	579	5.19	cps
Ytterbium	172-1	687	667	667	673	1.71	cps
Ytterbium	172-2	267	270	317	284	9.83	cps
Ytterbium	176-1	2007	1990	1893	1963	3.12	cps
Ytterbium	176-2	393	413	403	403	2.48	cps
Yttrium	89-1	21431333	21033070	20927529	21130644	1.26	cps
Yttrium	89-2	1365720	1370013	1345429	1360388	0.97	cps
Zinc	66-2	2364	2474	2444	2427	2.34	cps
Zirconium	90-1	39345	38938	39984	39422	1.34	cps
Zirconium	91-1	8983	9216	8976	9059	1.51	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICV006 Instrumnet Name : P8
Client Sample ID : ICV006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:00:19 DataFile Name : 020ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24537	25639	24908	25028	2.24	cps
Antimony	121-1	2680843	2726157	2719529	2708843	0.90	cps
Arsenic	75-2	50554	51035	50330	50640	0.71	cps
Barium	135-1	315338	317954	320230	317841	0.77	cps
Barium	137-1	540642	554097	547878	547539	1.23	cps
Beryllium	9-1	488126	490980	492870	490659	0.49	cps
Bismuth	209-1	10745999	10740623	10782840	10756487	0.21	cps
Bismuth	209-2	3912789	3982311	4045920	3980340	1.67	cps
Bromine	81-1	3357	3514	3510	3460	2.59	cps
Cadmium	108-1	35619	35773	36355	35916	1.08	cps
Cadmium	106-1	35482	36375	36034	35963	1.25	cps
Cadmium	111-1	341680	342515	343407	342534	0.25	cps
Calcium	43-1	95903	97854	98699	97485	1.47	cps
Calcium	44-1	1539901	1512284	1568337	1540174	1.82	cps
Carbon	12-1	3520388	3594186	3604007	3572860	1.28	cps
Carbon	12-2	23252	23262	22961	23158	0.74	cps
Chlorine	35-1	89870	90250	89927	90016	0.23	cps
Chlorine	35-2	303	313	293	303	3.30	cps
Chromium	52-2	275049	279418	280622	278363	1.05	cps
Cobalt	59-2	531463	532025	528515	530668	0.36	cps
Copper	63-2	421012	425857	420286	422385	0.72	cps
Dysprosium	156-1	200	237	240	226	9.84	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	87	97	63	82	20.81	cps
Erbium	164-2	37	27	23	29	24.03	cps
Gadolinium	160-1	70	57	73	67	13.22	cps
Gadolinium	160-2	17	3	30	17	80.01	cps
Holmium	165-1	16406130	16470393	16322454	16399659	0.45	cps
Holmium	165-2	5093565	5171515	5174027	5146369	0.89	cps
Indium	115-1	12823097	12872144	12841180	12845474	0.19	cps
Indium	115-2	1094739	1096039	1109480	1100086	0.74	cps
Iron	54-2	228540	228911	227390	228280	0.35	cps
Iron	56-2	4039410	4083543	4104812	4075922	0.82	cps
Iron	57-2	102183	102968	100608	101920	1.18	cps
Krypton	83-1	307	307	243	286	12.80	cps
Lead	206-1	2319952	2320755	2345637	2328781	0.63	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICV006 Instrumnet Name : P8
Client Sample ID : ICV006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:00:19 DataFile Name : 020ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1921844	1944391	1955832	1940689	0.89	cps
Lead	208-1	9028759	9033799	9143322	9068627	0.71	cps
Lithium	6-1	7565736	7502218	7426491	7498148	0.93	cps
Magnesium	24-2	222033	222813	221420	222089	0.31	cps
Manganese	55-2	106181	108152	106514	106949	0.99	cps
Molybdenum	94-1	19156346	19222374	19036923	19138547	0.49	cps
Molybdenum	95-1	34154908	34085124	34503523	34247851	0.65	cps
Molybdenum	96-1	36963158	36999463	36936275	36966299	0.09	cps
Molybdenum	97-1	21330733	21280807	21393758	21335100	0.27	cps
Molybdenum	98-1	56784764	55956198	55369746	56036902	1.27	cps
Neodymium	150-1	43	47	53	48	10.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	148627	149166	150247	149347	0.55	cps
Phosphorus	31-2	73	57	97	76	26.59	cps
Potassium	39-2	207079	207378	205920	206792	0.37	cps
Rhodium	103-1	12101941	12152462	12114489	12122964	0.22	cps
Rhodium	103-2	4460572	4448688	4434668	4447976	0.29	cps
Scandium	45-1	9183178	9103138	9104752	9130356	0.50	cps
Scandium	45-2	160960	161106	160701	160922	0.13	cps
Selenium	82-1	42699	44505	43274	43493	2.12	cps
Selenium	77-2	517	590	627	578	9.69	cps
Selenium	78-2	2094	2040	2130	2088	2.17	cps
Silicon	28-1	526634	529905	535077	530539	0.80	cps
Silver	107-1	865459	872061	879643	872388	0.81	cps
Silver	109-1	825945	836278	839812	834011	0.86	cps
Sodium	23-2	843846	855104	846545	848498	0.69	cps
Strontium	86-1	2421188	2369405	2373706	2388100	1.20	cps
Strontium	88-1	20327578	20787991	20331049	20482206	1.29	cps
Sulfur	34-1	772057	770574	765729	769453	0.43	cps
Terbium	159-1	16642196	16723810	16627381	16664462	0.31	cps
Terbium	159-2	4947642	4966620	5033830	4982697	0.91	cps
Thallium	203-1	2909783	2918911	2941936	2923543	0.57	cps
Thallium	205-1	6767344	6888192	6861189	6838908	0.93	cps
Tin	118-1	2527	2660	2807	2665	5.26	cps
Titanium	47-1	1277	1317	1263	1286	2.16	cps
Uranium	238-1	710	683	740	711	3.99	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICV006 Instrumnet Name : P8
Client Sample ID : ICV006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:00:19 DataFile Name : 020ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	208294	209352	206805	208150	0.61	cps
Ytterbium	172-1	77	103	107	96	17.21	cps
Ytterbium	172-2	20	27	33	27	24.99	cps
Ytterbium	176-1	1570	1450	1507	1509	3.98	cps
Ytterbium	176-2	207	227	247	227	8.82	cps
Yttrium	89-1	22003460	22557659	22375968	22312362	1.27	cps
Yttrium	89-2	1380901	1375322	1412524	1389582	1.44	cps
Zinc	66-2	82844	84899	84828	84190	1.39	cps
Zirconium	90-1	1150	1113	1063	1109	3.92	cps
Zirconium	91-1	853	953	823	877	7.76	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICB006 Instrumnet Name : P8
Client Sample ID : ICB006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:03:28 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97	110	110	106	7.29	cps
Antimony	121-1	1343	1147	1233	1241	7.94	cps
Arsenic	75-2	7	0	7	4	86.60	cps
Barium	135-1	567	590	567	574	2.35	cps
Barium	137-1	1040	977	1023	1013	3.24	cps
Beryllium	9-1	864	865	859	862	0.38	cps
Bismuth	209-1	10762592	10334780	10809166	10635512	2.46	cps
Bismuth	209-2	3938020	3996306	4009848	3981391	0.96	cps
Bromine	81-1	3194	3174	3314	3227	2.35	cps
Cadmium	108-1	60	43	83	62	32.29	cps
Cadmium	106-1	6178	6101	6035	6105	1.18	cps
Cadmium	111-1	4369	4347	4229	4315	1.75	cps
Calcium	43-1	520	453	497	490	6.90	cps
Calcium	44-1	21957	21696	21813	21822	0.60	cps
Carbon	12-1	2647789	2607706	2606070	2620522	0.90	cps
Carbon	12-2	16686	16466	16302	16485	1.17	cps
Chlorine	35-1	88206	88619	89049	88625	0.48	cps
Chlorine	35-2	273	273	273	273	0.00	cps
Chromium	52-2	2047	2010	1980	2012	1.66	cps
Cobalt	59-2	373	327	347	349	6.71	cps
Copper	63-2	2207	2137	1987	2110	5.33	cps
Dysprosium	156-1	203	153	217	191	17.47	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	73	77	60	70	12.60	cps
Erbium	164-2	23	30	23	26	15.07	cps
Gadolinium	160-1	73	73	70	72	2.66	cps
Gadolinium	160-2	10	27	17	18	47.19	cps
Holmium	165-1	16609534	15550417	16133026	16097659	3.30	cps
Holmium	165-2	5202399	5139060	5088522	5143327	1.11	cps
Indium	115-1	12974103	12255778	12653345	12627742	2.85	cps
Indium	115-2	1100040	1093940	1083072	1092351	0.79	cps
Iron	54-2	633	670	633	646	3.28	cps
Iron	56-2	10074	9513	10107	9898	3.37	cps
Iron	57-2	237	217	213	222	5.68	cps
Krypton	83-1	250	280	280	270	6.42	cps
Lead	206-1	1513	1583	1537	1545	2.31	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICB006 Instrumnet Name : P8
Client Sample ID : ICB006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:03:28 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1353	1213	1377	1315	6.72	cps
Lead	208-1	6087	5934	6157	6060	1.89	cps
Lithium	6-1	7582628	7319486	7511524	7471213	1.82	cps
Magnesium	24-2	2370	2580	2574	2508	4.76	cps
Manganese	55-2	327	280	320	309	8.17	cps
Molybdenum	94-1	2147	1980	1954	2027	5.17	cps
Molybdenum	95-1	3424	2927	2627	2993	13.45	cps
Molybdenum	96-1	3577	3337	3260	3392	4.87	cps
Molybdenum	97-1	1970	1743	1617	1777	10.08	cps
Molybdenum	98-1	5394	5031	4531	4985	8.70	cps
Neodymium	150-1	30	20	27	26	19.92	cps
Neodymium	150-2	17	3	7	9	78.08	cps
Nickel	60-2	1070	1050	1020	1047	2.40	cps
Phosphorus	31-2	87	60	80	76	18.37	cps
Potassium	39-2	9286	9363	9356	9335	0.46	cps
Rhodium	103-1	12310143	11749876	12153870	12071296	2.40	cps
Rhodium	103-2	4539720	4409149	4440129	4462999	1.53	cps
Scandium	45-1	8978566	8700047	9051911	8910175	2.08	cps
Scandium	45-2	159794	158918	158718	159143	0.36	cps
Selenium	82-1	47	-60	-23	-12	-443.30	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	7	17	0	8	107.84	cps
Silicon	28-1	491714	497911	492166	493930	0.70	cps
Silver	107-1	757	870	1083	903	18.36	cps
Silver	109-1	583	887	980	817	25.40	cps
Sodium	23-2	78275	78181	78707	78388	0.36	cps
Strontium	86-1	750	783	693	742	6.13	cps
Strontium	88-1	3407	3360	3210	3326	3.09	cps
Sulfur	34-1	755822	761455	758953	758743	0.37	cps
Terbium	159-1	16781236	15906090	16353490	16346939	2.68	cps
Terbium	159-2	4882221	4962368	5017990	4954193	1.38	cps
Thallium	203-1	717	777	663	719	7.89	cps
Thallium	205-1	1893	1857	1787	1846	2.94	cps
Tin	118-1	2164	2027	1987	2059	4.50	cps
Titanium	47-1	263	333	313	303	11.89	cps
Uranium	238-1	73	70	60	68	10.24	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICB006 Instrumnet Name : P8
Client Sample ID : ICB006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:03:28 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	20	30	21	39.75	cps
Ytterbium	172-1	50	60	110	73	43.83	cps
Ytterbium	172-2	23	23	30	26	15.07	cps
Ytterbium	176-1	1487	1490	1433	1470	2.16	cps
Ytterbium	176-2	177	247	213	212	16.50	cps
Yttrium	89-1	22308486	21567565	21756903	21877651	1.76	cps
Yttrium	89-2	1401232	1375396	1362186	1379605	1.44	cps
Zinc	66-2	137	170	113	140	20.34	cps
Zirconium	90-1	697	727	657	693	5.07	cps
Zirconium	91-1	247	253	173	224	19.78	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICSA006 Instrumnet Name : P8
Client Sample ID : ICSA006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:06:53 DataFile Name : 022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5078306	5073935	5156414	5102885	0.91	cps
Antimony	121-1	15873	16320	16767	16320	2.74	cps
Arsenic	75-2	90	97	113	100	12.02	cps
Barium	135-1	4741	4851	5164	4919	4.47	cps
Barium	137-1	8773	8623	8579	8658	1.17	cps
Beryllium	9-1	2060	2019	2045	2041	1.02	cps
Bismuth	209-1	9742128	9565621	9807017	9704922	1.29	cps
Bismuth	209-2	3700636	3733810	3762470	3732305	0.83	cps
Bromine	81-1	4484	4814	4958	4752	5.11	cps
Cadmium	108-1	5188	4928	5094	5070	2.60	cps
Cadmium	106-1	5835	5518	6168	5840	5.57	cps
Cadmium	111-1	6718	6314	6763	6598	3.74	cps
Calcium	43-1	4632838	4696059	4667522	4665473	0.68	cps
Calcium	44-1	73536589	74992251	73887261	74138700	1.02	cps
Carbon	12-1	40946971	41255898	42109969	41437613	1.45	cps
Carbon	12-2	267412	263814	268260	266495	0.89	cps
Chlorine	35-1	74237212	79736977	81156882	78377024	4.66	cps
Chlorine	35-2	320952	320724	329079	323585	1.47	cps
Chromium	52-2	58733	59034	60189	59319	1.30	cps
Cobalt	59-2	6712	6818	6502	6677	2.41	cps
Copper	63-2	36006	36530	35922	36153	0.91	cps
Dysprosium	156-1	203	233	187	208	11.38	cps
Dysprosium	156-2	27	30	13	23	37.81	cps
Erbium	164-1	123	143	100	122	17.75	cps
Erbium	164-2	37	50	33	40	22.05	cps
Gadolinium	160-1	173	120	120	138	22.35	cps
Gadolinium	160-2	30	37	33	33	10.01	cps
Holmium	165-1	15987181	15899134	15822107	15902808	0.52	cps
Holmium	165-2	5149737	5261342	5233783	5214954	1.11	cps
Indium	115-1	11938810	12058202	12131376	12042796	0.81	cps
Indium	115-2	1059207	1077761	1069479	1068815	0.87	cps
Iron	54-2	11617468	11411069	11790776	11606438	1.64	cps
Iron	56-2	215143370	210117770	214267997	213176379	1.26	cps
Iron	57-2	5453327	5379849	5500156	5444444	1.11	cps
Krypton	83-1	297	317	253	289	11.21	cps
Lead	206-1	64892	54681	53637	57737	10.77	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICSA006 Instrumnet Name : P8
Client Sample ID : ICSA006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:06:53 DataFile Name : 022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	52637	44346	42262	46415	11.82	cps
Lead	208-1	246617	208300	200551	218489	11.29	cps
Lithium	6-1	7192417	7333686	7207180	7244428	1.07	cps
Magnesium	24-2	19563864	19103931	19317286	19328360	1.19	cps
Manganese	55-2	8663	8853	9106	8874	2.51	cps
Molybdenum	94-1	7748611	7690509	7642791	7693970	0.69	cps
Molybdenum	95-1	13599916	13606263	13561326	13589168	0.18	cps
Molybdenum	96-1	14814503	14860857	15064370	14913244	0.89	cps
Molybdenum	97-1	8621744	8625385	8461207	8569445	1.09	cps
Molybdenum	98-1	22848078	22263300	22296816	22469398	1.46	cps
Neodymium	150-1	70	110	67	82	29.33	cps
Neodymium	150-2	17	17	33	22	43.28	cps
Nickel	60-2	8926	9183	9026	9045	1.43	cps
Phosphorus	31-2	273212	268495	272078	271261	0.91	cps
Potassium	39-2	10740971	10839081	10938156	10839402	0.91	cps
Rhodium	103-1	11091037	11066272	11136500	11097936	0.32	cps
Rhodium	103-2	4118795	4267954	4168100	4184950	1.82	cps
Scandium	45-1	8686335	8565089	8713197	8654874	0.91	cps
Scandium	45-2	158969	163607	161183	161253	1.44	cps
Selenium	82-1	-7	-57	57	-2	-2562.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	10	17	13	25.01	cps
Silicon	28-1	849139	856575	860771	855495	0.69	cps
Silver	107-1	1170	993	857	1007	15.61	cps
Silver	109-1	1193	903	687	928	27.40	cps
Sodium	23-2	41408831	41014775	41748071	41390559	0.89	cps
Strontium	86-1	151831	152693	153809	152778	0.65	cps
Strontium	88-1	1318947	1318716	1323401	1320355	0.20	cps
Sulfur	34-1	6910892	6818285	6855477	6861551	0.68	cps
Terbium	159-1	16528813	16247633	16411006	16395817	0.86	cps
Terbium	159-2	5000654	5073119	5033446	5035740	0.72	cps
Thallium	203-1	1950	1887	1637	1825	9.08	cps
Thallium	205-1	4551	4454	4284	4430	3.05	cps
Tin	118-1	3827	3641	3824	3764	2.84	cps
Titanium	47-1	4436745	4493953	4483972	4471557	0.68	cps
Uranium	238-1	837	867	873	859	2.27	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICSA006 Instrumnet Name : P8
Client Sample ID : ICSA006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:06:53 DataFile Name : 022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	260	293	407	320	24.03	cps
Ytterbium	172-1	127	100	130	119	13.83	cps
Ytterbium	172-2	40	30	23	31	26.97	cps
Ytterbium	176-1	1427	1360	1340	1376	3.30	cps
Ytterbium	176-2	180	210	210	200	8.66	cps
Yttrium	89-1	21766787	22135678	21647513	21849993	1.16	cps
Yttrium	89-2	1373354	1406112	1386307	1388591	1.19	cps
Zinc	66-2	4911	4891	5144	4982	2.83	cps
Zirconium	90-1	1003	1050	953	1002	4.82	cps
Zirconium	91-1	240	260	247	249	4.09	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICSAB006 Instrumnet Name : P8
Client Sample ID : ICSAB006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:29:08 DataFile Name : 027ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5129230	5100971	5047545	5092582	0.81	cps
Antimony	121-1	295310	297610	298610	297177	0.57	cps
Arsenic	75-2	5258	5368	5358	5328	1.14	cps
Barium	135-1	70251	70948	71966	71055	1.21	cps
Barium	137-1	121806	123491	122635	122644	0.69	cps
Beryllium	9-1	103379	103043	102956	103126	0.22	cps
Bismuth	209-1	10049467	9835767	9862895	9916043	1.17	cps
Bismuth	209-2	3747411	3877920	3912651	3845994	2.27	cps
Bromine	81-1	4084	4611	4728	4474	7.66	cps
Cadmium	108-1	9116	8950	9173	9080	1.28	cps
Cadmium	106-1	11568	11205	12192	11655	4.29	cps
Cadmium	111-1	71720	72212	72643	72192	0.64	cps
Calcium	43-1	4671642	4685373	4734975	4697330	0.71	cps
Calcium	44-1	75251699	74070236	75543029	74954988	1.04	cps
Carbon	12-1	41164343	42583356	42807621	42185107	2.11	cps
Carbon	12-2	274502	277238	272079	274606	0.94	cps
Chlorine	35-1	77983907	83646175	86108464	82579515	5.04	cps
Chlorine	35-2	337858	341262	340865	339995	0.55	cps
Chromium	52-2	118230	117642	114816	116896	1.56	cps
Cobalt	59-2	117775	117110	116693	117193	0.47	cps
Copper	63-2	122396	120613	120862	121290	0.80	cps
Dysprosium	156-1	117	97	120	111	11.36	cps
Dysprosium	156-2	20	30	17	22	31.22	cps
Erbium	164-1	163	133	147	148	10.17	cps
Erbium	164-2	47	40	33	40	16.68	cps
Gadolinium	160-1	163	147	153	154	5.43	cps
Gadolinium	160-2	53	47	33	44	22.92	cps
Holmium	165-1	15988981	16187353	16445856	16207397	1.41	cps
Holmium	165-2	5325180	5442973	5514458	5427537	1.76	cps
Indium	115-1	12475686	12212462	12387681	12358610	1.08	cps
Indium	115-2	1096388	1120854	1144920	1120721	2.17	cps
Iron	54-2	11778542	11759953	11688797	11742431	0.40	cps
Iron	56-2	216397577	214555450	214011950	214988326	0.58	cps
Iron	57-2	5459893	5507446	5426742	5464694	0.74	cps
Krypton	83-1	257	327	250	278	15.29	cps
Lead	206-1	269716	272552	272797	271689	0.63	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICSAB006 Instrumnet Name : P8
Client Sample ID : ICSAB006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:29:08 DataFile Name : 027ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	226775	225646	229076	227166	0.77	cps
Lead	208-1	1051024	1049647	1052387	1051019	0.13	cps
Lithium	6-1	7090680	7190716	7241558	7174318	1.07	cps
Magnesium	24-2	19331126	19380586	18995807	19235840	1.09	cps
Manganese	55-2	31187	31899	31558	31548	1.13	cps
Molybdenum	94-1	7742578	7782369	7848122	7791023	0.68	cps
Molybdenum	95-1	13751002	13516864	13839813	13702560	1.22	cps
Molybdenum	96-1	14791737	14659614	14890828	14780726	0.78	cps
Molybdenum	97-1	8580578	8588298	8477703	8548860	0.72	cps
Molybdenum	98-1	22491296	22443810	22665538	22533548	0.52	cps
Neodymium	150-1	77	77	73	76	2.55	cps
Neodymium	150-2	27	3	17	16	75.27	cps
Nickel	60-2	38201	39525	38713	38813	1.72	cps
Phosphorus	31-2	271932	274231	273422	273195	0.43	cps
Potassium	39-2	10932421	10798088	10860334	10863614	0.62	cps
Rhodium	103-1	11425757	11369744	11392789	11396097	0.25	cps
Rhodium	103-2	4295171	4397877	4402848	4365299	1.39	cps
Scandium	45-1	8923788	8861236	8918806	8901277	0.39	cps
Scandium	45-2	168259	170515	171304	170026	0.93	cps
Selenium	82-1	4414	4388	4441	4414	0.60	cps
Selenium	77-2	97	67	77	80	19.09	cps
Selenium	78-2	237	173	223	211	15.81	cps
Silicon	28-1	857488	865253	870889	864543	0.78	cps
Silver	107-1	320549	322825	326453	323276	0.92	cps
Silver	109-1	303728	313884	313039	310217	1.82	cps
Sodium	23-2	41379844	41807525	41403487	41530285	0.58	cps
Strontium	86-1	152435	152768	154386	153196	0.68	cps
Strontium	88-1	1321256	1334140	1340426	1331941	0.73	cps
Sulfur	34-1	6716214	6723681	6784247	6741381	0.55	cps
Terbium	159-1	16766439	16632839	16899931	16766403	0.80	cps
Terbium	159-2	5084780	5171825	5446539	5234381	3.61	cps
Thallium	203-1	272492	272578	272609	272560	0.02	cps
Thallium	205-1	652344	658084	656640	655689	0.46	cps
Tin	118-1	2947	2934	2760	2880	3.62	cps
Titanium	47-1	4495935	4510803	4519514	4508751	0.26	cps
Uranium	238-1	753	767	700	740	4.77	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : ICSAB006 Instrumnet Name : P8
Client Sample ID : ICSAB006 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:29:08 DataFile Name : 027ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	45221	44873	45168	45087	0.42	cps
Ytterbium	172-1	87	130	140	119	23.84	cps
Ytterbium	172-2	47	23	40	37	32.79	cps
Ytterbium	176-1	1470	1400	1467	1446	2.73	cps
Ytterbium	176-2	227	277	237	247	10.73	cps
Yttrium	89-1	22279128	22576721	22169311	22341720	0.94	cps
Yttrium	89-2	1443110	1491386	1489988	1474828	1.86	cps
Zinc	66-2	14077	13830	13910	13939	0.90	cps
Zirconium	90-1	950	980	983	971	1.89	cps
Zirconium	91-1	310	240	220	257	18.41	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCV025 Instrumnet Name : P8
Client Sample ID : CCV025 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:32:26 DataFile Name : 028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2749460	2674553	2676262	2700092	1.58	cps
Antimony	121-1	6649906	6819115	6688077	6719033	1.32	cps
Arsenic	75-2	127605	126199	128220	127342	0.81	cps
Barium	135-1	8178478	8113153	7945106	8078912	1.49	cps
Barium	137-1	13627390	13713557	13686256	13675734	0.32	cps
Beryllium	9-1	2343396	2359234	2366939	2356523	0.51	cps
Bismuth	209-1	9665611	9582507	9485586	9577901	0.94	cps
Bismuth	209-2	3631173	3598373	3627013	3618853	0.49	cps
Bromine	81-1	4027	4061	3734	3941	4.56	cps
Cadmium	108-1	129623	130767	131103	130498	0.59	cps
Cadmium	106-1	186238	187664	189755	187886	0.94	cps
Cadmium	111-1	1584312	1609076	1591377	1594922	0.80	cps
Calcium	43-1	10803270	11149671	11013116	10988686	1.59	cps
Calcium	44-1	171535844	178645557	174684617	174955340	2.04	cps
Carbon	12-1	3818966	3916477	3929304	3888249	1.55	cps
Carbon	12-2	30171	29900	29924	29998	0.50	cps
Chlorine	35-1	4781250	4552269	4266594	4533371	5.69	cps
Chlorine	35-2	14434	13363	13166	13654	5.00	cps
Chromium	52-2	1428040	1423692	1416798	1422843	0.40	cps
Cobalt	59-2	2604483	2671928	2601097	2625836	1.52	cps
Copper	63-2	19643901	19967121	20092468	19901163	1.16	cps
Dysprosium	156-1	427	380	403	403	5.79	cps
Dysprosium	156-2	60	87	70	72	18.66	cps
Erbium	164-1	420	327	387	378	12.52	cps
Erbium	164-2	113	133	107	118	11.79	cps
Gadolinium	160-1	300	270	297	289	5.69	cps
Gadolinium	160-2	137	87	97	107	24.80	cps
Holmium	165-1	15567645	15799719	15457999	15608454	1.12	cps
Holmium	165-2	5063031	5234817	5120644	5139497	1.70	cps
Indium	115-1	11471691	12002670	11912961	11795774	2.41	cps
Indium	115-2	1053256	1056793	1057877	1055976	0.23	cps
Iron	54-2	13817059	13709422	13799595	13775359	0.42	cps
Iron	56-2	249151150	252388903	252462683	251334245	0.75	cps
Iron	57-2	6349663	6413968	6276635	6346756	1.08	cps
Krypton	83-1	287	303	370	320	13.78	cps
Lead	206-1	26188953	26318165	26166153	26224423	0.31	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCV025 Instrumnet Name : P8
Client Sample ID : CCV025 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:32:26 DataFile Name : 028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22998835	22638182	22728476	22788498	0.82	cps
Lead	208-1	106121573	104806489	104786023	105238028	0.73	cps
Lithium	6-1	6854947	6795194	6833475	6827872	0.44	cps
Magnesium	24-2	48457539	47802341	48511773	48257218	0.82	cps
Manganese	55-2	5612446	5652891	5535538	5600291	1.06	cps
Molybdenum	94-1	23631568	23598263	23392738	23540856	0.55	cps
Molybdenum	95-1	33940073	34314387	34147496	34133985	0.55	cps
Molybdenum	96-1	37052079	37634799	37661818	37449566	0.92	cps
Molybdenum	97-1	21329563	21292428	21298359	21306783	0.09	cps
Molybdenum	98-1	54998253	54818729	55497098	55104693	0.64	cps
Neodymium	150-1	597	493	540	543	9.52	cps
Neodymium	150-2	67	37	47	50	30.55	cps
Nickel	60-2	691353	694225	687021	690866	0.52	cps
Phosphorus	31-2	27212	26140	26304	26552	2.18	cps
Potassium	39-2	13333571	13204021	13071388	13202993	0.99	cps
Rhodium	103-1	10757602	10822339	10964413	10848118	0.98	cps
Rhodium	103-2	4057483	4089915	4027588	4058329	0.77	cps
Scandium	45-1	8654027	8675163	8600934	8643375	0.44	cps
Scandium	45-2	164675	164816	164160	164550	0.21	cps
Selenium	82-1	101029	102077	101086	101397	0.58	cps
Selenium	77-2	1537	1540	1623	1567	3.13	cps
Selenium	78-2	5328	5198	5298	5274	1.29	cps
Silicon	28-1	6076563	6136762	6026352	6079892	0.91	cps
Silver	107-1	7890303	7958480	8094888	7981224	1.31	cps
Silver	109-1	7606538	7710547	7717758	7678281	0.81	cps
Sodium	23-2	100114759	98644179	98572175	99110371	0.88	cps
Strontium	86-1	2228173	2215913	2216930	2220339	0.31	cps
Strontium	88-1	19071883	19208656	19499003	19259847	1.13	cps
Sulfur	34-1	1336520	1359501	1315216	1337079	1.66	cps
Terbium	159-1	15977187	16317824	15885510	16060174	1.42	cps
Terbium	159-2	4969759	4985106	4997132	4983999	0.28	cps
Thallium	203-1	6378111	6479788	6507993	6455297	1.06	cps
Thallium	205-1	15329484	15733210	15318045	15460246	1.53	cps
Tin	118-1	5260867	5401620	5273433	5311973	1.47	cps
Titanium	47-1	10700753	10609901	10544764	10618473	0.74	cps
Uranium	238-1	22669046	22053724	22279706	22334159	1.39	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCV025 Instrumnet Name : P8
Client Sample ID : CCV025 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:32:26 DataFile Name : 028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1103325	1101643	1096483	1100484	0.32	cps
Ytterbium	172-1	420	403	383	402	4.56	cps
Ytterbium	172-2	130	163	160	151	12.15	cps
Ytterbium	176-1	33068	32757	33870	33232	1.73	cps
Ytterbium	176-2	10584	10728	10518	10610	1.01	cps
Yttrium	89-1	21712594	21445922	21785849	21648122	0.83	cps
Yttrium	89-2	1384265	1440088	1427126	1417159	2.06	cps
Zinc	66-2	2138604	2113203	2134806	2128871	0.64	cps
Zirconium	90-1	12074012	11979246	12025688	12026315	0.39	cps
Zirconium	91-1	2692566	2687977	2639408	2673317	1.10	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCB025 Instrumnet Name : P8
Client Sample ID : CCB025 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:35:11 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170	163	170	168	2.29	cps
Antimony	121-1	2110	1837	1767	1905	9.53	cps
Arsenic	75-2	10	10	10	10	0.00	cps
Barium	135-1	653	677	540	623	11.73	cps
Barium	137-1	993	963	880	946	6.21	cps
Beryllium	9-1	1116	1101	1084	1100	1.48	cps
Bismuth	209-1	10952682	10912518	10641825	10835675	1.56	cps
Bismuth	209-2	4000209	4156363	3991103	4049225	2.29	cps
Bromine	81-1	3717	3591	3867	3725	3.72	cps
Cadmium	108-1	63	37	57	52	26.57	cps
Cadmium	106-1	6615	6375	6295	6428	2.59	cps
Cadmium	111-1	4720	4547	4490	4585	2.61	cps
Calcium	43-1	840	790	663	764	11.91	cps
Calcium	44-1	28843	26995	25987	27275	5.31	cps
Carbon	12-1	2853044	2873915	2822814	2849924	0.90	cps
Carbon	12-2	18155	17874	17858	17962	0.93	cps
Chlorine	35-1	2443764	2288058	2220436	2317420	4.94	cps
Chlorine	35-2	7505	7052	6882	7146	4.51	cps
Chromium	52-2	2057	1920	2130	2036	5.24	cps
Cobalt	59-2	260	250	273	261	4.48	cps
Copper	63-2	2690	2884	2547	2707	6.24	cps
Dysprosium	156-1	67	40	37	48	34.42	cps
Dysprosium	156-2	17	0	0	6	173.21	cps
Erbium	164-1	60	70	97	76	25.09	cps
Erbium	164-2	20	13	27	20	33.35	cps
Gadolinium	160-1	63	80	107	83	26.23	cps
Gadolinium	160-2	23	10	10	14	53.28	cps
Holmium	165-1	16778245	16598074	16219751	16532024	1.72	cps
Holmium	165-2	5398642	5384973	5342063	5375226	0.55	cps
Indium	115-1	13052627	13049134	13143294	13081685	0.41	cps
Indium	115-2	1137978	1132636	1131327	1133980	0.31	cps
Iron	54-2	970	1080	1017	1022	5.40	cps
Iron	56-2	17257	17828	16923	17336	2.64	cps
Iron	57-2	403	417	413	411	1.69	cps
Krypton	83-1	290	257	267	271	6.31	cps
Lead	206-1	4044	3967	3637	3883	5.57	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCB025 Instrumnet Name : P8
Client Sample ID : CCB025 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:35:11 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3754	3410	3314	3493	6.62	cps
Lead	208-1	17365	16101	14793	16086	7.99	cps
Lithium	6-1	7419146	7381815	7391811	7397591	0.26	cps
Magnesium	24-2	2844	2917	2967	2909	2.13	cps
Manganese	55-2	427	360	413	400	8.82	cps
Molybdenum	94-1	1857	1507	1440	1601	13.98	cps
Molybdenum	95-1	2150	1893	1477	1840	18.47	cps
Molybdenum	96-1	2584	1967	1900	2150	17.52	cps
Molybdenum	97-1	1420	1127	1057	1201	16.05	cps
Molybdenum	98-1	3300	2890	2757	2983	9.49	cps
Neodymium	150-1	47	33	17	32	46.65	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1030	1130	1027	1062	5.53	cps
Phosphorus	31-2	77	90	87	84	8.22	cps
Potassium	39-2	12943	12586	12269	12599	2.68	cps
Rhodium	103-1	12578614	12352582	12744080	12558426	1.56	cps
Rhodium	103-2	4555140	4707537	4569545	4610741	1.82	cps
Scandium	45-1	9133818	9284284	9136583	9184895	0.94	cps
Scandium	45-2	165538	165471	164496	165168	0.35	cps
Selenium	82-1	-37	43	0	2	1801.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	10	3	7	50.03	cps
Silicon	28-1	510037	508093	507592	508574	0.25	cps
Silver	107-1	1213	1160	1213	1196	2.58	cps
Silver	109-1	990	1183	1027	1067	9.63	cps
Sodium	23-2	89026	89157	86940	88374	1.41	cps
Strontium	86-1	637	603	613	618	2.77	cps
Strontium	88-1	1643	1477	1193	1438	15.82	cps
Sulfur	34-1	744804	745385	747920	746036	0.22	cps
Terbium	159-1	16865823	17451230	16959695	17092249	1.84	cps
Terbium	159-2	5049615	5166789	5134653	5117019	1.18	cps
Thallium	203-1	1603	1437	1453	1498	6.13	cps
Thallium	205-1	4071	3591	3601	3754	7.31	cps
Tin	118-1	2397	2314	2204	2305	4.21	cps
Titanium	47-1	703	490	510	568	20.75	cps
Uranium	238-1	717	480	413	537	29.70	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCB025 Instrumnet Name : P8
Client Sample ID : CCB025 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:35:11 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	33	7	19	71.30	cps
Ytterbium	172-1	83	90	103	92	11.05	cps
Ytterbium	172-2	43	23	33	33	30.00	cps
Ytterbium	176-1	1527	1687	1513	1576	6.12	cps
Ytterbium	176-2	187	270	213	223	19.06	cps
Yttrium	89-1	23330454	22752620	22574944	22886006	1.73	cps
Yttrium	89-2	1464848	1452338	1463585	1460257	0.47	cps
Zinc	66-2	257	250	170	226	21.38	cps
Zirconium	90-1	1273	997	1007	1092	14.37	cps
Zirconium	91-1	310	260	260	277	10.43	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-04 Instrumnet Name : P8
Client Sample ID : YE8D1 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:38:34 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1818343	1818021	1841326	1825897	0.73	cps
Antimony	121-1	21233	22098	21994	21775	2.17	cps
Arsenic	75-2	18409	19150	18529	18696	2.13	cps
Barium	135-1	295214	295008	294096	294773	0.20	cps
Barium	137-1	509478	510711	516260	512149	0.71	cps
Beryllium	9-1	3424	3347	3305	3359	1.79	cps
Bismuth	209-1	10648392	10800704	10663540	10704212	0.78	cps
Bismuth	209-2	4014244	4000209	4083687	4032713	1.11	cps
Bromine	81-1	4704	5041	5038	4928	3.93	cps
Cadmium	108-1	350	337	380	356	6.24	cps
Cadmium	106-1	6702	6728	6782	6737	0.60	cps
Cadmium	111-1	7166	7164	7225	7185	0.48	cps
Calcium	43-1	236355	239436	235801	237197	0.83	cps
Calcium	44-1	3914778	3821155	3759521	3831818	2.04	cps
Carbon	12-1	2928485	2953635	2935638	2939253	0.44	cps
Carbon	12-2	19536	19506	19904	19649	1.13	cps
Chlorine	35-1	159511141	170544617	177463544	169173101	5.35	cps
Chlorine	35-2	696412	711830	702614	703618	1.10	cps
Chromium	52-2	164234	165053	161736	163674	1.06	cps
Cobalt	59-2	225661	229572	225455	226896	1.02	cps
Copper	63-2	581980	585077	582111	583056	0.30	cps
Dysprosium	156-1	66531	66106	67667	66768	1.21	cps
Dysprosium	156-2	23170	23200	22679	23017	1.27	cps
Erbium	164-1	68974	68408	70254	69212	1.37	cps
Erbium	164-2	21444	21574	20997	21338	1.42	cps
Gadolinium	160-1	72295	72298	72660	72417	0.29	cps
Gadolinium	160-2	27358	27736	28270	27788	1.65	cps
Holmium	165-1	16572049	16302766	16594015	16489610	0.98	cps
Holmium	165-2	5273552	5382959	5525191	5393901	2.34	cps
Indium	115-1	13022252	12688906	12878956	12863371	1.30	cps
Indium	115-2	1128686	1126992	1159938	1138539	1.63	cps
Iron	54-2	11195511	11321991	11046307	11187936	1.23	cps
Iron	56-2	206952444	207591884	203545604	206029977	1.06	cps
Iron	57-2	5195912	5262052	5104539	5187501	1.52	cps
Krypton	83-1	410	370	420	400	6.61	cps
Lead	206-1	340826	344339	342545	342570	0.51	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-04 Instrumnet Name : P8
Client Sample ID : YE8D1 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:38:34 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	282327	281287	279323	280979	0.54	cps
Lead	208-1	1321861	1330041	1326262	1326055	0.31	cps
Lithium	6-1	7765485	7778735	7632375	7725532	1.05	cps
Magnesium	24-2	3596349	3582318	3535622	3571430	0.89	cps
Manganese	55-2	1042560	1053941	1032983	1043161	1.01	cps
Molybdenum	94-1	24842	25143	24692	24892	0.92	cps
Molybdenum	95-1	25857	25417	25777	25684	0.91	cps
Molybdenum	96-1	30300	30630	29201	30044	2.49	cps
Molybdenum	97-1	15956	16149	16109	16072	0.64	cps
Molybdenum	98-1	41749	42244	41626	41873	0.78	cps
Neodymium	150-1	61410	61711	61942	61688	0.43	cps
Neodymium	150-2	13914	13627	13620	13720	1.22	cps
Nickel	60-2	217217	220055	220059	219110	0.75	cps
Phosphorus	31-2	4461	4821	4647	4643	3.88	cps
Potassium	39-2	145932	148020	146067	146673	0.80	cps
Rhodium	103-1	12266904	12162508	12215479	12214964	0.43	cps
Rhodium	103-2	4598512	4576913	4650618	4608681	0.82	cps
Scandium	45-1	9457360	9253365	9212917	9307881	1.41	cps
Scandium	45-2	168982	172650	173668	171767	1.43	cps
Selenium	82-1	757	797	720	758	5.06	cps
Selenium	77-2	73	130	103	102	27.73	cps
Selenium	78-2	140	90	107	112	22.69	cps
Silicon	28-1	85858599	87633195	86970512	86820769	1.03	cps
Silver	107-1	9847	9363	9210	9473	3.51	cps
Silver	109-1	9153	8853	9020	9009	1.67	cps
Sodium	23-2	149948	151348	149456	150251	0.65	cps
Strontium	86-1	236437	241508	242765	240237	1.39	cps
Strontium	88-1	2103669	2140406	2201867	2148647	2.31	cps
Sulfur	34-1	736283	734735	734024	735014	0.16	cps
Terbium	159-1	16889704	17155653	17050230	17031862	0.79	cps
Terbium	159-2	5093831	5219034	5293598	5202154	1.94	cps
Thallium	203-1	7339	8806	10775	8973	19.21	cps
Thallium	205-1	18153	20703	26360	21739	19.32	cps
Tin	118-1	3764	3927	4241	3977	6.09	cps
Titanium	47-1	45562	45512	46157	45744	0.78	cps
Uranium	238-1	64204	63317	64302	63941	0.85	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-04 Instrumnet Name : P8
Client Sample ID : YE8D1 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:38:34 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	136345	137150	135343	136279	0.66	cps
Ytterbium	172-1	18159	17832	18096	18029	0.96	cps
Ytterbium	172-2	6742	6872	7095	6903	2.59	cps
Ytterbium	176-1	12670	12826	12750	12748	0.62	cps
Ytterbium	176-2	4477	4434	4377	4430	1.13	cps
Yttrium	89-1	23921987	23976936	23725808	23874910	0.55	cps
Yttrium	89-2	1556812	1509469	1559604	1541962	1.83	cps
Zinc	66-2	104475	105754	105072	105100	0.61	cps
Zirconium	90-1	29946	30380	30734	30353	1.30	cps
Zirconium	91-1	6788	6915	6752	6818	1.26	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-05 Instrumnet Name : P8
Client Sample ID : YE8D3 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:41:50 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299757	298233	294757	297582	0.86	cps
Antimony	121-1	86891	87692	86733	87105	0.59	cps
Arsenic	75-2	98031	99334	97118	98161	1.13	cps
Barium	135-1	209484	206073	207418	207658	0.83	cps
Barium	137-1	357229	357778	355258	356755	0.37	cps
Beryllium	9-1	3684	3590	3616	3630	1.33	cps
Bismuth	209-1	10644601	10682224	10478608	10601811	1.02	cps
Bismuth	209-2	4131408	3858820	3981543	3990590	3.42	cps
Bromine	81-1	4677	4934	4978	4863	3.34	cps
Cadmium	108-1	297	280	317	298	6.16	cps
Cadmium	106-1	7072	7105	7199	7125	0.92	cps
Cadmium	111-1	6363	6351	6284	6333	0.67	cps
Calcium	43-1	3145014	3152753	3103137	3133635	0.85	cps
Calcium	44-1	49852394	48984149	49645518	49494020	0.92	cps
Carbon	12-1	2984120	3002143	3007701	2997988	0.41	cps
Carbon	12-2	19450	19657	19830	19645	0.97	cps
Chlorine	35-1	166297664	176613964	180898197	174603275	4.30	cps
Chlorine	35-2	712503	709496	705225	709075	0.52	cps
Chromium	52-2	21082	21466	21263	21270	0.90	cps
Cobalt	59-2	233050	233288	232166	232835	0.25	cps
Copper	63-2	848978	856655	851598	852410	0.46	cps
Dysprosium	156-1	58353	58236	58825	58472	0.53	cps
Dysprosium	156-2	20950	20626	20853	20810	0.80	cps
Erbium	164-1	85774	85274	83923	84990	1.13	cps
Erbium	164-2	26373	26172	25698	26081	1.33	cps
Gadolinium	160-1	65389	66180	65144	65571	0.83	cps
Gadolinium	160-2	25454	25054	25668	25392	1.23	cps
Holmium	165-1	16742339	16890958	16490375	16707891	1.21	cps
Holmium	165-2	5556648	5111685	5286168	5318167	4.22	cps
Indium	115-1	12922883	12968370	12982482	12957912	0.24	cps
Indium	115-2	1171640	1068782	1120336	1120253	4.59	cps
Iron	54-2	9855934	9733750	9638030	9742571	1.12	cps
Iron	56-2	181790397	183997537	180045457	181944464	1.09	cps
Iron	57-2	4621844	4625368	4520349	4589187	1.30	cps
Krypton	83-1	377	523	443	448	16.40	cps
Lead	206-1	622578	615405	607822	615268	1.20	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-05 Instrumnet Name : P8
Client Sample ID : YE8D3 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:41:50 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	508965	513965	512757	511896	0.51	cps
Lead	208-1	2404311	2400237	2375610	2393386	0.65	cps
Lithium	6-1	7665532	7651019	7729771	7682108	0.55	cps
Magnesium	24-2	4105871	4135133	4140243	4127082	0.45	cps
Manganese	55-2	1354776	1392605	1331679	1359687	2.26	cps
Molybdenum	94-1	31863	31218	31282	31455	1.13	cps
Molybdenum	95-1	25684	25741	24996	25473	1.63	cps
Molybdenum	96-1	30831	30647	30908	30795	0.43	cps
Molybdenum	97-1	15786	16006	15729	15840	0.92	cps
Molybdenum	98-1	42127	41231	42589	41982	1.64	cps
Neodymium	150-1	46778	48046	47390	47404	1.34	cps
Neodymium	150-2	10638	10604	10221	10488	2.21	cps
Nickel	60-2	276552	278497	276582	277210	0.40	cps
Phosphorus	31-2	4334	4371	4284	4330	1.01	cps
Potassium	39-2	200767	199109	198590	199489	0.57	cps
Rhodium	103-1	12339861	12171701	12079401	12196988	1.08	cps
Rhodium	103-2	4712473	4265714	4428385	4468857	5.06	cps
Scandium	45-1	9555028	9488587	9490636	9511417	0.40	cps
Scandium	45-2	179575	159716	169190	169493	5.86	cps
Selenium	82-1	1310	1213	1293	1272	4.06	cps
Selenium	77-2	100	60	73	78	26.19	cps
Selenium	78-2	117	117	127	120	4.81	cps
Silicon	28-1	52590356	53150901	52955718	52898991	0.54	cps
Silver	107-1	39814	39640	40372	39942	0.96	cps
Silver	109-1	37949	38424	38266	38213	0.63	cps
Sodium	23-2	159497	159329	159180	159335	0.10	cps
Strontium	86-1	3601847	3643150	3522595	3589197	1.71	cps
Strontium	88-1	31089285	30817277	30943901	30950154	0.44	cps
Sulfur	34-1	2934625	2963315	2941389	2946443	0.51	cps
Terbium	159-1	17168073	16998934	16817192	16994733	1.03	cps
Terbium	159-2	5347413	4913991	5117207	5126204	4.23	cps
Thallium	203-1	4621	5488	6081	5397	13.61	cps
Thallium	205-1	10751	12700	14441	12631	14.62	cps
Tin	118-1	3387	3794	3741	3641	6.07	cps
Titanium	47-1	10934	11064	17785	13261	29.55	cps
Uranium	238-1	47963	47736	47455	47718	0.53	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-05 Instrumnet Name : P8
Client Sample ID : YE8D3 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:41:50 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	16403	16189	16356	16316	0.69	cps
Ytterbium	172-1	28678	28942	28825	28815	0.46	cps
Ytterbium	172-2	10988	10998	10931	10972	0.33	cps
Ytterbium	176-1	19141	19551	19221	19304	1.13	cps
Ytterbium	176-2	7536	7012	7162	7237	3.73	cps
Yttrium	89-1	24206784	24301355	24024140	24177426	0.58	cps
Yttrium	89-2	1636409	1463389	1532480	1544093	5.64	cps
Zinc	66-2	56994	58145	57131	57423	1.10	cps
Zirconium	90-1	48247	47798	47303	47783	0.99	cps
Zirconium	91-1	11595	11285	11418	11433	1.36	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-06 Instrumnet Name : P8
Client Sample ID : YE8E2 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:45:05 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	981916	989460	977890	983089	0.60	cps
Antimony	121-1	12176	11905	11975	12019	1.17	cps
Arsenic	75-2	2610	2524	2457	2530	3.04	cps
Barium	135-1	162978	164990	163235	163734	0.67	cps
Barium	137-1	287350	281748	281193	283430	1.20	cps
Beryllium	9-1	2022	2085	2156	2088	3.21	cps
Bismuth	209-1	10947718	10703938	10624841	10758832	1.56	cps
Bismuth	209-2	3870784	3958224	3908709	3912572	1.12	cps
Bromine	81-1	4831	4831	4838	4833	0.08	cps
Cadmium	108-1	180	110	163	151	24.20	cps
Cadmium	106-1	6575	6422	6472	6489	1.21	cps
Cadmium	111-1	5270	5181	5252	5235	0.89	cps
Calcium	43-1	95209	94044	95494	94916	0.81	cps
Calcium	44-1	1600097	1575392	1576537	1584009	0.88	cps
Carbon	12-1	3477059	3474276	3499195	3483510	0.39	cps
Carbon	12-2	22167	22607	21786	22187	1.85	cps
Chlorine	35-1	171839531	182044197	188176571	180686766	4.57	cps
Chlorine	35-2	715409	721425	720227	719020	0.44	cps
Chromium	52-2	27673	27620	28184	27826	1.12	cps
Cobalt	59-2	61358	62533	61783	61892	0.96	cps
Copper	63-2	293019	288165	292654	291279	0.93	cps
Dysprosium	156-1	60717	59987	59586	60096	0.95	cps
Dysprosium	156-2	17074	16637	16317	16676	2.28	cps
Erbium	164-1	28818	29052	28965	28945	0.41	cps
Erbium	164-2	8663	8683	8836	8727	1.09	cps
Gadolinium	160-1	50288	50003	49793	50028	0.50	cps
Gadolinium	160-2	18950	19297	19097	19115	0.91	cps
Holmium	165-1	16932575	16288201	16086064	16435614	2.69	cps
Holmium	165-2	5187049	5194050	5217250	5199450	0.30	cps
Indium	115-1	13285562	13031402	12936855	13084606	1.38	cps
Indium	115-2	1066601	1097948	1100401	1088317	1.73	cps
Iron	54-2	3997669	3877972	3919097	3931579	1.55	cps
Iron	56-2	72442289	73625366	73062731	73043462	0.81	cps
Iron	57-2	1892371	1857322	1855379	1868357	1.11	cps
Krypton	83-1	363	357	347	356	2.36	cps
Lead	206-1	245441	247571	245492	246168	0.49	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-06 Instrumnet Name : P8
Client Sample ID : YE8E2 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:45:05 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	203112	202711	201899	202574	0.31	cps
Lead	208-1	951677	954436	953203	953105	0.14	cps
Lithium	6-1	7803160	7779142	7872240	7818181	0.62	cps
Magnesium	24-2	2882967	2850698	2885733	2873133	0.68	cps
Manganese	55-2	165490	165641	163608	164913	0.69	cps
Molybdenum	94-1	27682	25998	25751	26477	3.97	cps
Molybdenum	95-1	27988	27825	27714	27842	0.50	cps
Molybdenum	96-1	31810	32157	31770	31912	0.67	cps
Molybdenum	97-1	17608	17741	17955	17768	0.99	cps
Molybdenum	98-1	45257	46364	45795	45805	1.21	cps
Neodymium	150-1	96386	93033	93848	94423	1.85	cps
Neodymium	150-2	20673	20576	20599	20616	0.25	cps
Nickel	60-2	51697	50493	50994	51061	1.18	cps
Phosphorus	31-2	1587	1737	1683	1669	4.56	cps
Potassium	39-2	125268	126767	125410	125815	0.66	cps
Rhodium	103-1	12397733	12317511	12341859	12352368	0.33	cps
Rhodium	103-2	4318520	4426092	4516984	4420532	2.25	cps
Scandium	45-1	9437304	9292185	9291119	9340203	0.90	cps
Scandium	45-2	157655	162471	167848	162658	3.13	cps
Selenium	82-1	210	227	230	222	4.82	cps
Selenium	77-2	83	93	93	90	6.42	cps
Selenium	78-2	97	57	70	74	27.36	cps
Silicon	28-1	85434839	83845920	81617587	83632782	2.29	cps
Silver	107-1	3667	3884	3911	3821	3.49	cps
Silver	109-1	3280	3480	3500	3420	3.56	cps
Sodium	23-2	157846	156880	158601	157775	0.55	cps
Strontium	86-1	70175	70838	69542	70185	0.92	cps
Strontium	88-1	605232	606538	607417	606396	0.18	cps
Sulfur	34-1	849487	838917	840399	842935	0.68	cps
Terbium	159-1	17231754	16996649	16991373	17073259	0.80	cps
Terbium	159-2	4816708	4987953	4992752	4932471	2.03	cps
Thallium	203-1	3617	4204	4714	4178	13.14	cps
Thallium	205-1	8470	9814	10815	9699	12.13	cps
Tin	118-1	6552	6565	6368	6495	1.69	cps
Titanium	47-1	26615	44030	27573	32740	29.90	cps
Uranium	238-1	31128	31776	31205	31370	1.13	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1159-06 Instrumnet Name : P8
Client Sample ID : YE8E2 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:45:05 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13640	14454	13823	13972	3.06	cps
Ytterbium	172-1	5978	6091	5861	5977	1.93	cps
Ytterbium	172-2	2024	2117	2244	2128	5.19	cps
Ytterbium	176-1	5144	5218	5058	5140	1.56	cps
Ytterbium	176-2	1643	1677	1647	1656	1.11	cps
Yttrium	89-1	23507078	23519562	23677502	23568047	0.40	cps
Yttrium	89-2	1400925	1448380	1448282	1432529	1.91	cps
Zinc	66-2	66401	65504	65212	65706	0.94	cps
Zirconium	90-1	27076	28103	29456	28212	4.23	cps
Zirconium	91-1	6612	6218	6592	6474	3.43	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1255-07A Instrumnet Name : P8
Client Sample ID : MDCZP2A Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:48:23 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4104	4097	4441	4214	4.66	cps
Antimony	121-1	523	503	617	548	11.04	cps
Arsenic	75-2	367	303	427	366	16.87	cps
Barium	135-1	261851	263426	267807	264362	1.17	cps
Barium	137-1	454867	462380	461149	459465	0.88	cps
Beryllium	9-1	945	895	930	923	2.78	cps
Bismuth	209-1	10047298	10138083	10178188	10121190	0.66	cps
Bismuth	209-2	3909399	3795999	3769152	3824850	1.95	cps
Bromine	81-1	309978	365929	393719	356542	11.96	cps
Cadmium	108-1	37	80	70	62	36.46	cps
Cadmium	106-1	6071	5711	5951	5911	3.10	cps
Cadmium	111-1	4301	3992	4200	4164	3.79	cps
Calcium	43-1	611871	623628	623157	619552	1.07	cps
Calcium	44-1	9931075	10077503	10045529	10018036	0.77	cps
Carbon	12-1	9173153	10410224	10899297	10160891	8.76	cps
Carbon	12-2	71975	74280	74048	73434	1.73	cps
Chlorine	35-1	13373907	12233772	11355035	12320905	8.22	cps
Chlorine	35-2	37321	35687	34364	35791	4.14	cps
Chromium	52-2	2967	2954	2930	2950	0.63	cps
Cobalt	59-2	5128	5121	5261	5170	1.53	cps
Copper	63-2	4441	4324	4461	4409	1.67	cps
Dysprosium	156-1	7102	7422	7419	7314	2.51	cps
Dysprosium	156-2	2414	2457	2390	2420	1.40	cps
Erbium	164-1	7359	7592	7322	7424	1.97	cps
Erbium	164-2	2304	2377	2324	2335	1.62	cps
Gadolinium	160-1	7419	7352	7139	7303	2.00	cps
Gadolinium	160-2	3010	2957	2867	2945	2.46	cps
Holmium	165-1	15980166	15925728	15952157	15952684	0.17	cps
Holmium	165-2	5241910	5162168	5095245	5166441	1.42	cps
Indium	115-1	12119367	12371823	12250313	12247168	1.03	cps
Indium	115-2	1079634	1061909	1065647	1069063	0.87	cps
Iron	54-2	525487	525821	522409	524572	0.36	cps
Iron	56-2	9603010	9713213	9860698	9725640	1.33	cps
Iron	57-2	241293	244337	245497	243709	0.89	cps
Krypton	83-1	213	250	240	234	8.08	cps
Lead	206-1	4894	4494	4461	4616	5.23	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1255-07A Instrumnet Name : P8
Client Sample ID : MDCZP2A Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:48:23 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4141	3624	3674	3813	7.48	cps
Lead	208-1	19389	17281	17181	17951	6.95	cps
Lithium	6-1	7177508	7280496	7185364	7214456	0.79	cps
Magnesium	24-2	1329786	1338803	1314644	1327745	0.92	cps
Manganese	55-2	1054930	1066268	1068901	1063366	0.70	cps
Molybdenum	94-1	2804	2814	2957	2858	3.00	cps
Molybdenum	95-1	1690	1867	1663	1740	6.35	cps
Molybdenum	96-1	2190	2297	2200	2229	2.64	cps
Molybdenum	97-1	1087	1130	1110	1109	1.96	cps
Molybdenum	98-1	2740	2810	2630	2727	3.33	cps
Neodymium	150-1	9056	9167	9300	9174	1.33	cps
Neodymium	150-2	1977	1940	2094	2004	4.00	cps
Nickel	60-2	18375	18686	18762	18608	1.10	cps
Phosphorus	31-2	370	313	323	336	9.01	cps
Potassium	39-2	189906	191185	191683	190925	0.48	cps
Rhodium	103-1	11787103	11630656	11409925	11609228	1.63	cps
Rhodium	103-2	4314757	4267394	4240720	4274290	0.88	cps
Scandium	45-1	8856099	8840534	8817237	8837957	0.22	cps
Scandium	45-2	157587	155733	153819	155713	1.21	cps
Selenium	82-1	2657	2594	2570	2607	1.72	cps
Selenium	77-2	47	43	47	46	4.23	cps
Selenium	78-2	133	137	163	144	11.38	cps
Silicon	28-1	178147131	179100604	180857157	179368297	0.77	cps
Silver	107-1	273	313	267	284	8.87	cps
Silver	109-1	167	163	203	178	12.48	cps
Sodium	23-2	35168585	36020479	35693713	35627593	1.21	cps
Strontium	86-1	549085	559115	553264	553821	0.91	cps
Strontium	88-1	4825297	4929094	4885673	4880021	1.07	cps
Sulfur	34-1	1301107	1301547	1284084	1295579	0.77	cps
Terbium	159-1	16236590	16275974	16170316	16227627	0.33	cps
Terbium	159-2	5146697	4892184	4953481	4997454	2.66	cps
Thallium	203-1	1093	987	763	948	17.77	cps
Thallium	205-1	2297	2217	2194	2236	2.42	cps
Tin	118-1	3000	3277	3224	3167	4.64	cps
Titanium	47-1	6141	5961	5975	6026	1.67	cps
Uranium	238-1	1463	1500	1557	1507	3.12	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : Q1255-07A Instrumnet Name : P8
Client Sample ID : MDCZP2A Dilution Factor : 1
Date & Time Acquired : 2025-02-12 15:48:23 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4961	5078	4898	4979	1.83	cps
Ytterbium	172-1	8970	9403	8966	9113	2.76	cps
Ytterbium	172-2	3707	3611	3430	3583	3.92	cps
Ytterbium	176-1	7075	7192	7372	7213	2.07	cps
Ytterbium	176-2	2657	2384	2624	2555	5.84	cps
Yttrium	89-1	21963921	22045991	21663286	21891066	0.92	cps
Yttrium	89-2	1410605	1367147	1356706	1378153	2.07	cps
Zinc	66-2	863	900	970	911	5.95	cps
Zirconium	90-1	5565	5231	5178	5325	3.94	cps
Zirconium	91-1	1103	1053	1040	1066	3.13	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCV026 Instrumnet Name : P8
Client Sample ID : CCV026 Dilution Factor : 1
Date & Time Acquired : 2025-02-12 16:22:04 DataFile Name : 037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2746689	2732633	2753132	2744151	0.38	cps
Antimony	121-1	6577990	6679138	6579536	6612221	0.88	cps
Arsenic	75-2	129081	127847	129051	128660	0.55	cps
Barium	135-1	7941144	7829531	7948369	7906348	0.84	cps
Barium	137-1	13514224	13396245	13585950	13498806	0.71	cps
Beryllium	9-1	2348049	2378693	2368494	2365078	0.66	cps
Bismuth	209-1	9482107	9474289	9557217	9504537	0.48	cps
Bismuth	209-2	3564193	3632730	3556368	3584430	1.17	cps
Bromine	81-1	4187	4217	4271	4225	1.00	cps
Cadmium	108-1	140773	145640	144327	143580	1.75	cps
Cadmium	106-1	205216	206631	207544	206464	0.57	cps
Cadmium	111-1	1796493	1779073	1795651	1790406	0.55	cps
Calcium	43-1	10980444	10781018	11030786	10930749	1.21	cps
Calcium	44-1	175232731	172435807	178380611	175349716	1.70	cps
Carbon	12-1	3869151	3917328	4015788	3934089	1.90	cps
Carbon	12-2	30482	30639	30578	30566	0.26	cps
Chlorine	35-1	505206	503656	501732	503531	0.35	cps
Chlorine	35-2	1947	2007	1857	1937	3.90	cps
Chromium	52-2	1470887	1425057	1445696	1447213	1.59	cps
Cobalt	59-2	2694327	2667171	2650884	2670794	0.82	cps
Copper	63-2	20025520	19775555	19723915	19841663	0.81	cps
Dysprosium	156-1	580	617	557	584	5.18	cps
Dysprosium	156-2	60	93	67	73	24.05	cps
Erbium	164-1	347	397	387	377	7.03	cps
Erbium	164-2	90	113	110	104	12.08	cps
Gadolinium	160-1	287	327	310	308	6.53	cps
Gadolinium	160-2	143	100	97	113	22.97	cps
Holmium	165-1	15540444	15183463	15864239	15529382	2.19	cps
Holmium	165-2	5170942	5076958	5135606	5127836	0.93	cps
Indium	115-1	11624126	11671980	11788982	11695029	0.73	cps
Indium	115-2	1042812	1051089	1060474	1051459	0.84	cps
Iron	54-2	13927437	13680025	13881812	13829758	0.95	cps
Iron	56-2	256742130	253474730	252440663	254219174	0.88	cps
Iron	57-2	6386772	6423978	6460460	6423737	0.57	cps
Krypton	83-1	297	293	263	284	6.45	cps
Lead	206-1	25606227	25861440	25972002	25813223	0.73	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	21895887	22544522	22218805	22219738	1.46	cps
Lead	208-1	101443333	103495650	102447708	102462230	1.00	cps
Lithium	6-1	6944549	6792607	7025586	6920914	1.71	cps
Magnesium	24-2	48234384	48701936	48664514	48533611	0.54	cps
Manganese	55-2	5671644	5584688	5656935	5637756	0.83	cps
Molybdenum	94-1	22837760	23576815	23012001	23142192	1.67	cps
Molybdenum	95-1	33721245	34326641	33136954	33728280	1.76	cps
Molybdenum	96-1	37239687	37455557	36827084	37174109	0.86	cps
Molybdenum	97-1	21058773	21137465	20991294	21062511	0.35	cps
Molybdenum	98-1	54316649	54470968	55316204	54701274	0.98	cps
Neodymium	150-1	527	707	720	651	16.58	cps
Neodymium	150-2	50	43	27	40	30.04	cps
Nickel	60-2	695922	692802	697349	695358	0.33	cps
Phosphorus	31-2	26287	26531	26728	26515	0.83	cps
Potassium	39-2	13190391	13200664	13189425	13193493	0.05	cps
Rhodium	103-1	10726737	10743594	11025465	10831932	1.55	cps
Rhodium	103-2	4083054	4047226	4072255	4067512	0.45	cps
Scandium	45-1	8851159	8787848	8772985	8803998	0.47	cps
Scandium	45-2	163567	165204	166158	164976	0.79	cps
Selenium	82-1	99572	99844	100132	99849	0.28	cps
Selenium	77-2	1523	1593	1477	1531	3.84	cps
Selenium	78-2	5398	5224	5444	5356	2.17	cps
Silicon	28-1	6077546	6113948	6032729	6074741	0.67	cps
Silver	107-1	7922381	8071127	8044204	8012571	0.99	cps
Silver	109-1	7460757	7595539	7392875	7483057	1.38	cps
Sodium	23-2	98516302	98470225	98534159	98506895	0.03	cps
Strontium	86-1	2221331	2200156	2226463	2215983	0.63	cps
Strontium	88-1	19093578	18760493	18861302	18905124	0.90	cps
Sulfur	34-1	1332414	1337482	1338966	1336287	0.26	cps
Terbium	159-1	15972836	16048865	16165203	16062301	0.60	cps
Terbium	159-2	4899666	4884848	4958390	4914301	0.79	cps
Thallium	203-1	6393122	6303465	6324320	6340302	0.74	cps
Thallium	205-1	15311800	15102398	15149282	15187827	0.72	cps
Tin	118-1	5217920	5200119	5317410	5245150	1.21	cps
Titanium	47-1	10521884	10498585	10525346	10515272	0.14	cps
Uranium	238-1	21793684	21692233	21816536	21767484	0.30	cps

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Lab Sample ID : CCV026 Instrumnet Name : P8
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1119406	1123375	1113276	1118686	0.45	cps
Ytterbium	172-1	437	367	390	398	8.96	cps
Ytterbium	172-2	137	167	153	152	9.87	cps
Ytterbium	176-1	32570	32286	32627	32494	0.56	cps
Ytterbium	176-2	10404	10301	10274	10326	0.67	cps
Yttrium	89-1	21779286	21638253	21656839	21691460	0.35	cps
Yttrium	89-2	1402097	1438283	1401557	1413979	1.49	cps
Zinc	66-2	2111682	2082469	2139055	2111069	1.34	cps
Zirconium	90-1	11764996	11847381	11786449	11799609	0.36	cps
Zirconium	91-1	2638148	2666892	2620617	2641886	0.88	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	63	77	63	21.06	cps
Antimony	121-1	423	520	460	468	10.43	cps
Arsenic	75-2	13	3	10	9	57.30	cps
Barium	135-1	543	493	520	519	4.82	cps
Barium	137-1	803	860	867	843	4.13	cps
Beryllium	9-1	916	952	959	942	2.43	cps
Bismuth	209-1	10560950	10678707	10592202	10610619	0.57	cps
Bismuth	209-2	4016254	4244630	4147966	4136284	2.77	cps
Bromine	81-1	3711	3641	3851	3734	2.86	cps
Cadmium	108-1	77	100	80	86	14.75	cps
Cadmium	106-1	6071	5851	6265	6063	3.41	cps
Cadmium	111-1	4296	4113	4409	4273	3.51	cps
Calcium	43-1	407	507	447	453	11.10	cps
Calcium	44-1	21503	21653	21423	21526	0.54	cps
Carbon	12-1	2714467	2664382	2646955	2675268	1.31	cps
Carbon	12-2	16499	17330	16179	16670	3.56	cps
Chlorine	35-1	361751	363235	356777	360587	0.94	cps
Chlorine	35-2	1247	1243	1293	1261	2.22	cps
Chromium	52-2	2053	2167	2110	2110	2.69	cps
Cobalt	59-2	273	333	320	309	10.20	cps
Copper	63-2	2237	2300	2370	2302	2.90	cps
Dysprosium	156-1	173	153	117	148	19.45	cps
Dysprosium	156-2	13	0	17	10	88.20	cps
Erbium	164-1	90	100	80	90	11.11	cps
Erbium	164-2	20	13	30	21	39.75	cps
Gadolinium	160-1	60	77	67	68	12.38	cps
Gadolinium	160-2	17	17	23	19	20.36	cps
Holmium	165-1	16178409	16231211	15990634	16133418	0.78	cps
Holmium	165-2	5205650	5535812	5340161	5360541	3.10	cps
Indium	115-1	12799783	12722224	12961015	12827674	0.95	cps
Indium	115-2	1118283	1187331	1161747	1155787	3.02	cps
Iron	54-2	880	873	820	858	3.83	cps
Iron	56-2	12779	12349	12762	12630	1.93	cps
Iron	57-2	250	357	383	330	21.38	cps
Krypton	83-1	267	303	267	279	7.59	cps
Lead	206-1	2210	2260	2110	2194	3.48	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCB026 Instrumnet Name : P8
Client Sample ID : CCB026 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1987	1970	1970	1976	0.49	cps
Lead	208-1	9128	9041	8735	8968	2.31	cps
Lithium	6-1	7530753	7294289	7524482	7449841	1.81	cps
Magnesium	24-2	2414	2440	2530	2461	2.48	cps
Manganese	55-2	517	513	470	500	5.21	cps
Molybdenum	94-1	697	610	707	671	7.92	cps
Molybdenum	95-1	733	677	713	708	4.06	cps
Molybdenum	96-1	857	783	837	826	4.59	cps
Molybdenum	97-1	373	483	443	433	12.85	cps
Molybdenum	98-1	1120	1013	1170	1101	7.27	cps
Neodymium	150-1	37	23	20	27	33.08	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1090	930	970	997	8.35	cps
Phosphorus	31-2	73	97	87	86	13.69	cps
Potassium	39-2	11141	10841	11244	11075	1.89	cps
Rhodium	103-1	12280425	12198309	12225246	12234660	0.34	cps
Rhodium	103-2	4510910	4834117	4736487	4693838	3.53	cps
Scandium	45-1	9119867	9190897	9063855	9124873	0.70	cps
Scandium	45-2	162693	173692	171096	169160	3.40	cps
Selenium	82-1	-13	37	47	23	137.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	3	10	8	49.52	cps
Silicon	28-1	508258	510035	503919	507404	0.62	cps
Silver	107-1	293	263	300	286	6.84	cps
Silver	109-1	223	157	140	173	25.44	cps
Sodium	23-2	75685	75876	76415	75992	0.50	cps
Strontium	86-1	657	717	687	687	4.37	cps
Strontium	88-1	1730	1733	1930	1798	6.37	cps
Sulfur	34-1	741039	740561	740368	740656	0.05	cps
Terbium	159-1	16640527	16315557	16682051	16546045	1.21	cps
Terbium	159-2	5064633	5302832	5243086	5203517	2.38	cps
Thallium	203-1	697	810	737	748	7.69	cps
Thallium	205-1	1833	1737	1813	1795	2.84	cps
Tin	118-1	1323	1320	1220	1288	4.56	cps
Titanium	47-1	327	310	333	323	3.72	cps
Uranium	238-1	77	103	103	94	16.30	cps

LB Number : lb134694 Operator : Jaswal
Lab Sample ID : CCB026 Instrumnet Name : P8
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Date & Time Acquired : 2025-02-12 16:33:05 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	13	7	11	34.61	cps
Ytterbium	172-1	97	90	83	90	7.41	cps
Ytterbium	172-2	37	33	47	39	17.85	cps
Ytterbium	176-1	1393	1363	1407	1388	1.60	cps
Ytterbium	176-2	240	247	303	263	13.22	cps
Yttrium	89-1	22436493	22056304	22414339	22302379	0.96	cps
Yttrium	89-2	1444904	1529092	1490797	1488265	2.83	cps
Zinc	66-2	227	207	197	210	7.27	cps
Zirconium	90-1	843	747	800	797	6.08	cps
Zirconium	91-1	193	137	127	152	23.62	cps