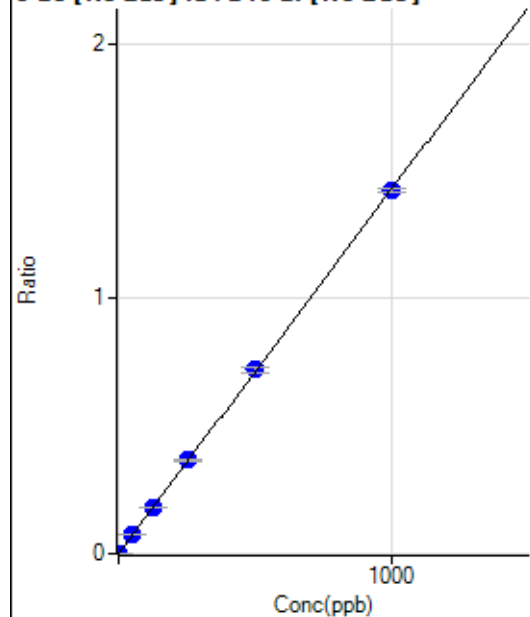


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102924 MS.b\
 Analysis File: P7102924 MS.batch.bin
 DA Date-Time: 2024-10-29 19:23:15
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-29 18:13:02
2	006CALS.d	S02	2024-10-29 18:19:37
3	007CALS.d	S03	2024-10-29 18:22:54
4	008CALS.d	S04	2024-10-29 18:26:02
5	009CALS.d	S05	2024-10-29 18:29:01
6	010CALS.d	S06	2024-10-29 18:31:54
7	011CALS.d	S07	2024-10-29 18:34:39
8	012CALS.d	S08	2024-10-29 18:37:25

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.56	0.0001	P	31.0
2	☐	1.000	0.987	650.02	0.0015	P	6.1
3	☐	50.000	52.334	33089.66	0.0748	P	0.2
4	☐	125.000	127.616	81716.00	0.1822	P	1.7
5	☐	250.000	255.988	165534.70	0.3655	P	1.5
6	☐	500.000	504.297	336224.33	0.7199	P	3.2
7	☐	1000.000	995.910	715232.72	1.4217	P	1.0
8	☐			141.11	0.0003	P	11.1

$$y = 0.0014 * x + 5.8117E-005$$

$$R = 1.0000$$

$$DL = 0.03792$$

$$BEC = 0.04071$$

Weight: <None>

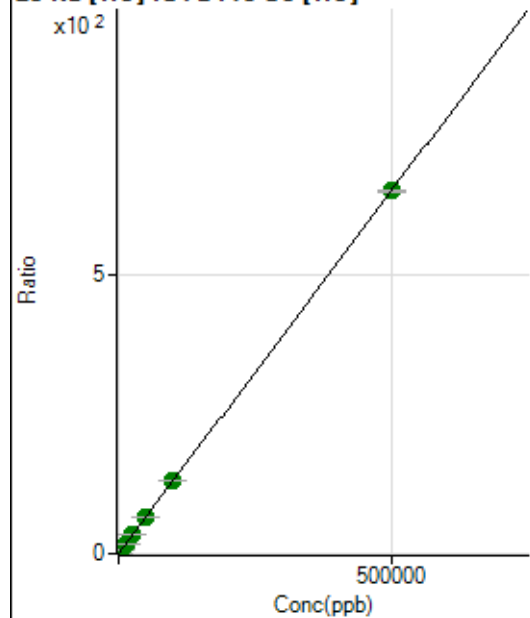
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	34491.98	0.1153	P	0.9
2	☐	500.000	503.526	227210.92	0.7697	P	0.5
3	☐	5000.000	5103.943	2031019.52	6.7484	A	0.3
4	☐	12500.000	12601.614	4951513.05	16.4923	A	0.3
5	☐	25000.000	25429.145	10026143.67	33.1628	A	1.2
6	☐	50000.000	50378.388	20091872.62	65.5866	A	0.6
7	☐	100000.00	100451.77	40563303.84	130.6616	A	0.6
8	☐	500000.00	499846.76	207616468.0	649.7119	A	0.3

$$y = 0.0013 * x + 0.1153$$

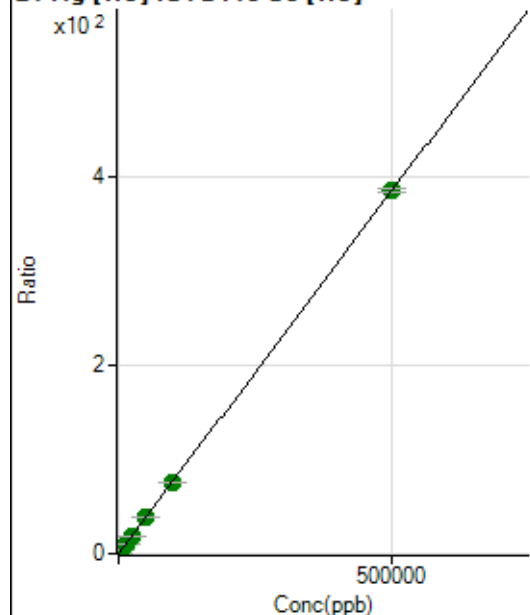
$$R = 1.0000$$

$$DL = 2.322$$

$$BEC = 88.74$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	454.45	0.0015	P	6.5
2	☐	500.000	524.437	119416.87	0.4045	P	0.5
3	☐	5000.000	5025.727	1162785.68	3.8637	A	1.9
4	☐	12500.000	12465.396	2876536.62	9.5810	A	0.6
5	☐	25000.000	24862.137	5776930.40	19.1077	A	1.4
6	☐	50000.000	49524.281	11659452.75	38.0601	A	0.1
7	☐	100000.00	98606.746	23525382.15	75.7792	A	1.1
8	☐	500000.00	500333.69	122862345.9	384.4998	A	0.9

$$y = 7.6848\text{E-}004 * x + 0.0015$$

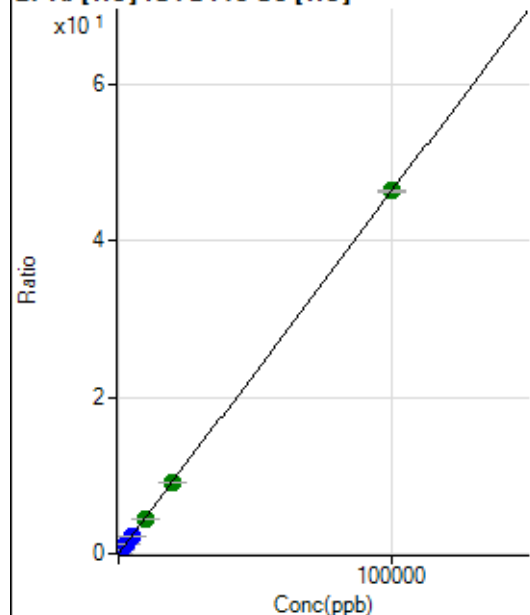
$$R = 1.0000$$

$$DL = 0.3874$$

$$BEC = 1.977$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	277.78	0.0009	P	6.7
2	☐	20.000	18.415	2794.73	0.0095	P	5.3
3	☐	1000.000	1005.733	140614.37	0.4672	P	0.1
4	☐	2500.000	2485.484	346240.68	1.1533	P	1.1
5	☐	5000.000	4959.141	695392.38	2.3001	P	0.9
6	☐	10000.000	9727.514	1381882.56	4.5109	A	0.5
7	☐	20000.000	19502.918	2807300.75	9.0430	A	0.9
8	☐	100000.00	100129.01	14834418.53	46.4235	A	0.3

$$y = 4.6363\text{E-}004 * x + 9.2862\text{E-}004$$

$$R = 1.0000$$

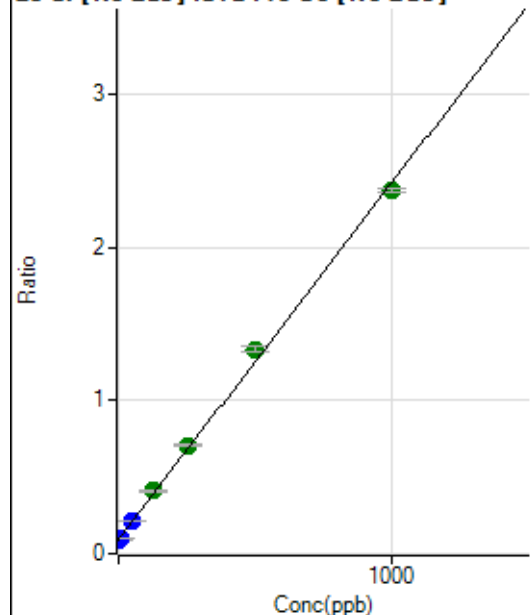
$$DL = 0.4046$$

$$BEC = 2.003$$

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	286763.61	0.0920	P	2.7
2	☐	10.000	1.823	298799.01	0.0963	P	1.2
3	☐	50.000	53.747	678583.93	0.2170	P	1.2
4	☐	125.000	138.404	1306213.58	0.4139	A	3.1
5	☐	250.000	262.992	2244988.77	0.7037	A	2.0
6	☐	500.000	533.583	4116561.54	1.3331	A	2.7
7	☐	1000.000	978.179	7743438.78	2.3672	A	1.1
8	☐			332612.09	0.1000	P	1.8

$$y = 0.0023 * x + 0.0920$$

$$R = 0.9989$$

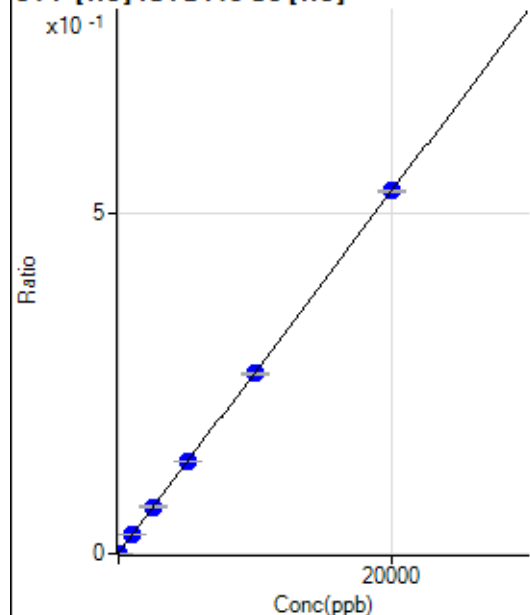
$$DL = 3.168$$

$$BEC = 39.57$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-12.147	164.45	0.0005	P	6.3
2	☐	0.000	12.147	353.34	0.0012	P	17.7
3	☐	1000.000	991.848	8211.17	0.0273	P	1.2
4	☐	2500.000	2566.457	20778.66	0.0692	P	1.3
5	☐	5000.000	5072.934	41100.62	0.1359	P	0.6
6	☐	10000.000	9912.151	81121.27	0.2648	P	1.3
7	☐	20000.000	20017.791	165735.56	0.5339	P	0.9
8	☐			234.45	0.0007	P	11.5

$$y = 2.6626E-005 * x + 8.7318E-004$$

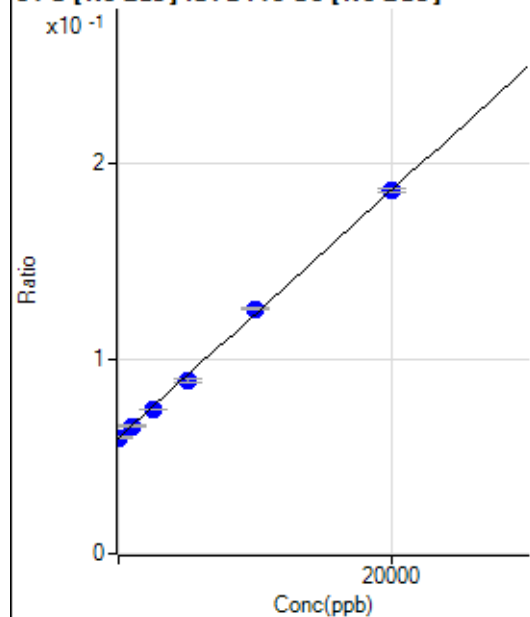
$$R = 1.0000$$

$$DL = 13.86$$

$$BEC = 32.79$$

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	12.578	185959.56	0.0597	P	2.7
2	☐	0.000	-12.578	184736.32	0.0595	P	1.2
3	☐	1000.000	945.092	205111.47	0.0656	P	0.8
4	☐	2500.000	2256.234	233321.42	0.0739	P	0.7
5	☐	5000.000	4599.120	283396.40	0.0888	P	1.6
6	☐	10000.000	10410.001	388415.37	0.1258	P	1.3
7	☐	20000.000	19928.436	609396.78	0.1863	P	1.2
8	☐			192249.53	0.0578	P	1.9

$$y = 6.3576E-006 * x + 0.0596$$

$$R = 0.9994$$

$$DL = 553.2$$

$$BEC = 9374$$

Weight: <None>

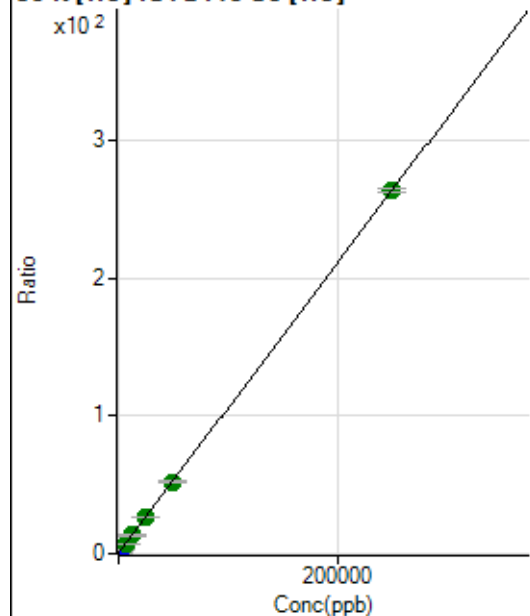
Min Conc: 0

35 Cl [No Gas] No available calibration points

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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86003.34	0.2875	P	0.5
2	☐	500.000	499.635	239840.43	0.8125	P	0.4
3	☐	2500.000	2645.887	923193.41	3.0675	P	0.5
4	☐	6250.000	6235.493	2053276.10	6.8389	A	0.9
5	☐	12500.000	12376.142	4018268.31	13.2907	A	1.5
6	☐	25000.000	24613.464	8010338.91	26.1480	A	0.6
7	☐	50000.000	49342.265	16182884.76	52.1296	A	1.0
8	☐	250000.00	250175.29	84082412.64	263.1372	A	0.9

$$y = 0.0011 * x + 0.2875$$

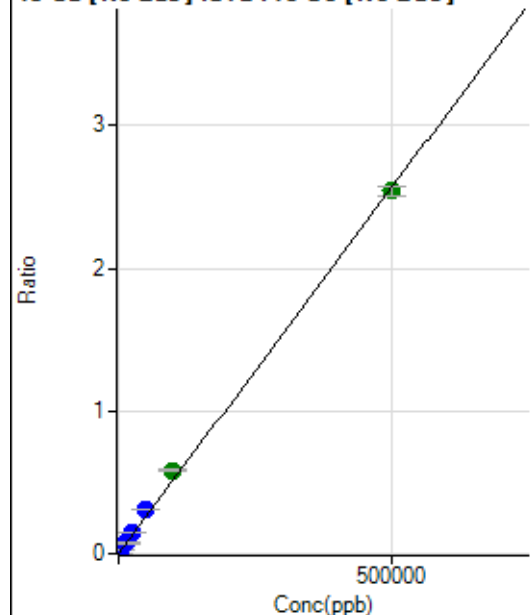
$$R = 1.0000$$

$$DL = 3.852$$

$$BEC = 273.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.01	0.0001	P	16.3
2	☐	500.000	499.599	8224.53	0.0026	P	1.6
3	☐	5000.000	5862.937	94209.48	0.0301	P	1.4
4	☐	12500.000	14520.165	235063.32	0.0745	P	1.9
5	☐	25000.000	28911.659	472922.17	0.1482	P	1.0
6	☐	50000.000	60000.302	949634.85	0.3075	P	2.2
7	☐	100000.00	114230.24	1914957.07	0.5854	A	0.9
8	☐	500000.00	495899.20	8454427.44	2.5411	A	2.6

$$y = 5.1240\text{E-}006 * x + 8.9803\text{E-}005$$

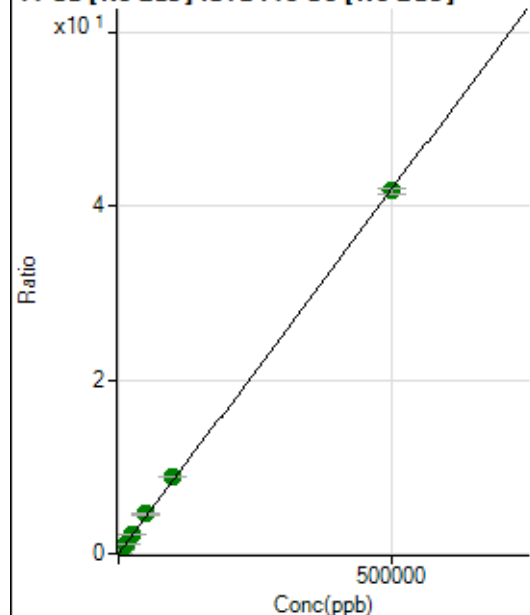
$$R = 0.9994$$

$$DL = 8.584$$

$$BEC = 17.53$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15435.94	0.0050	P	4.7
2	☐	500.000	499.045	145019.08	0.0467	P	1.2
3	☐	5000.000	5394.517	1426983.99	0.4564	A	1.0
4	☐	12500.000	13293.194	3526254.32	1.1174	A	1.6
5	☐	25000.000	26458.150	7081199.69	2.2192	A	1.6
6	☐	50000.000	54679.876	14145563.95	4.5811	A	2.9
7	☐	100000.00	106268.72	29108952.06	8.8985	A	0.7
8	☐	500000.00	498181.58	138735350.1	41.6972	A	1.3

$$y = 8.3689\text{E-}005 * x + 0.0050$$

$$R = 0.9999$$

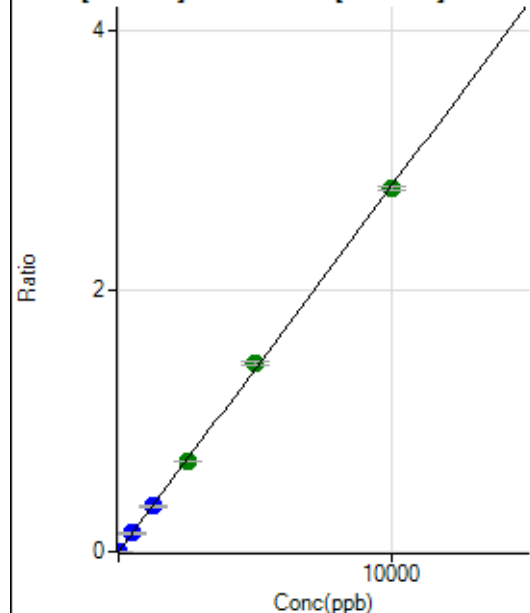
$$DL = 8.364$$

$$BEC = 59.21$$

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	140.00	0.0000	P	9.2
2	☐	5.000	4.284	3863.86	0.0012	P	1.8
3	☐	500.000	501.824	439603.25	0.1406	P	1.0
4	☐	1250.000	1236.391	1092963.46	0.3464	P	1.2
5	☐	2500.000	2473.513	2210642.47	0.6929	A	1.0
6	☐	5000.000	5163.654	4466244.69	1.4464	A	2.5
7	☐	10000.000	9926.405	9095241.81	2.7804	A	1.0
8	☐			1398.97	0.0004	P	5.3

$$y = 2.8010E-004 * x + 4.4867E-005$$

$$R = 0.9998$$

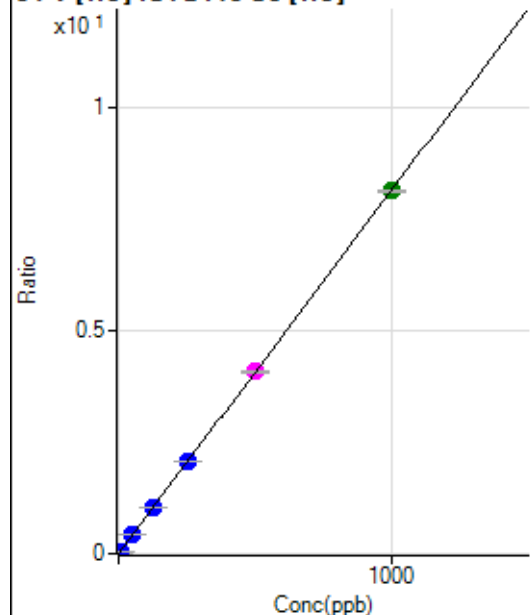
$$DL = 0.04433$$

$$BEC = 0.1602$$

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	21.11	0.0001	P	9.5
2	☐	5.000	4.940	11881.44	0.0403	P	0.8
3	☐	50.000	50.644	123993.64	0.4120	P	0.8
4	☐	125.000	127.715	311891.15	1.0388	P	0.7
5	☐	250.000	253.314	622927.74	2.0604	P	0.3
6	☐	500.000	500.451	1246972.03	4.0705	M	1.1
7	☐	1000.000	998.575	2521404.01	8.1220	A	0.8
8	☐			601.13	0.0019	P	11.2

$$y = 0.0081 * x + 7.0596E-005$$

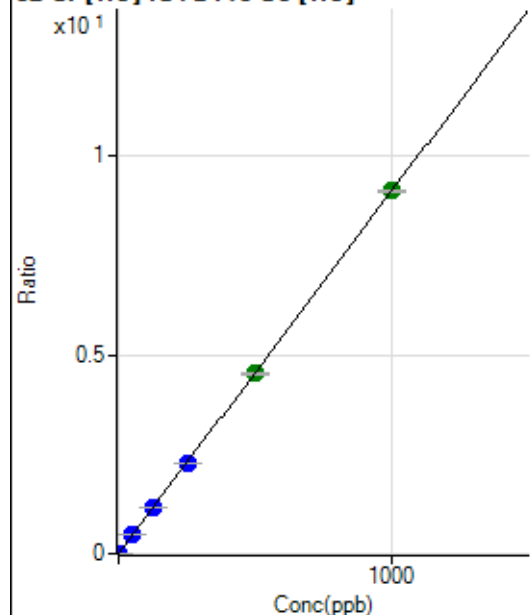
$$R = 1.0000$$

$$DL = 0.002475$$

$$BEC = 0.00868$$

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	750.03	0.0025	P	6.3
2	☐	2.000	1.985	6073.49	0.0206	P	2.6
3	☐	50.000	50.995	140451.60	0.4667	P	1.2
4	☐	125.000	127.339	348750.74	1.1616	P	1.0
5	☐	250.000	251.356	692479.26	2.2905	P	0.2
6	☐	500.000	496.309	1384701.96	4.5201	A	0.6
7	☐	1000.000	1001.165	2829917.32	9.1156	A	0.2
8	☐			9703.20	0.0304	P	1.2

$$y = 0.0091 * x + 0.0025$$

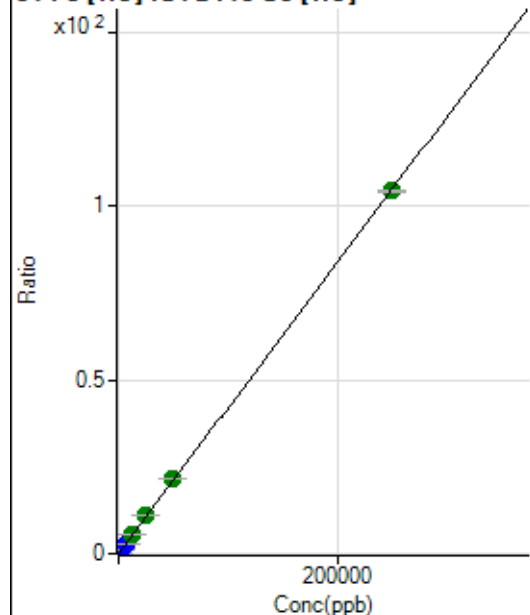
$$R = 1.0000$$

$$DL = 0.05169$$

$$BEC = 0.2755$$

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	1614.55	0.0054	P	3.3
2	☐	50.000	52.755	8117.81	0.0275	P	1.4
3	☐	2500.000	2747.824	348097.99	1.1566	P	0.6
4	☐	6250.000	6778.153	854199.07	2.8451	P	0.3
5	☐	12500.000	13284.910	1684294.68	5.5712	A	1.2
6	☐	25000.000	26315.299	3379075.99	11.0303	A	0.1
7	☐	50000.000	51810.740	6740317.33	21.7118	A	0.5
8	☐	250000.00	249451.39	33396759.50	104.5145	A	0.8

$$y = 4.1896E-004 * x + 0.0054$$

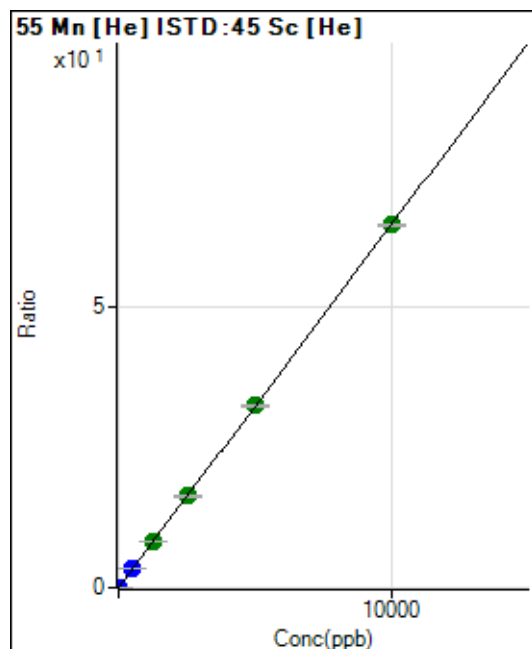
$$R = 1.0000$$

$$DL = 1.258$$

$$BEC = 12.89$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	492.23	0.0016	P	8.8
2	☐	1.000	0.967	2337.98	0.0079	P	1.4
3	☐	500.000	506.115	988930.84	3.2859	P	0.1
4	☐	1250.000	1283.363	2500732.38	8.3295	A	1.7
5	☐	2500.000	2520.249	4944803.36	16.3558	A	0.6
6	☐	5000.000	5007.178	9954114.92	32.4937	A	0.9
7	☐	10000.000	9986.873	20118995.53	64.8074	A	0.6
8	☐			11090.89	0.0347	P	1.7

$$y = 0.0065 * x + 0.0016$$

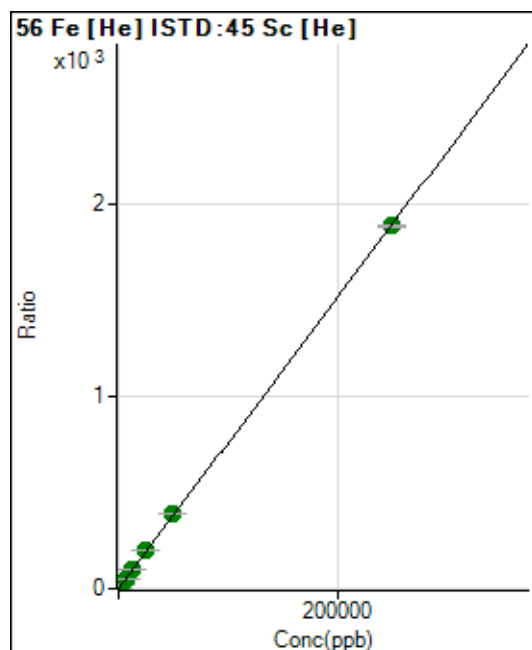
$$R = 1.0000$$

$$DL = 0.06733$$

$$BEC = 0.2537$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12038.24	0.0402	P	1.1
2	☐	50.000	51.804	127463.73	0.4318	P	0.6
3	☐	2500.000	2627.944	5990032.83	19.9030	A	0.7
4	☐	6250.000	6574.925	14931834.92	49.7355	A	1.3
5	☐	12500.000	13036.167	29801055.67	98.5716	A	0.3
6	☐	25000.000	25864.325	59899950.22	195.5307	A	0.4
7	☐	50000.000	51614.944	121119899.3	390.1616	A	1.0
8	☐	250000.00	249554.36	602742484.3	1.886247	A	0.3

$$y = 0.0076 * x + 0.0402$$

$$R = 1.0000$$

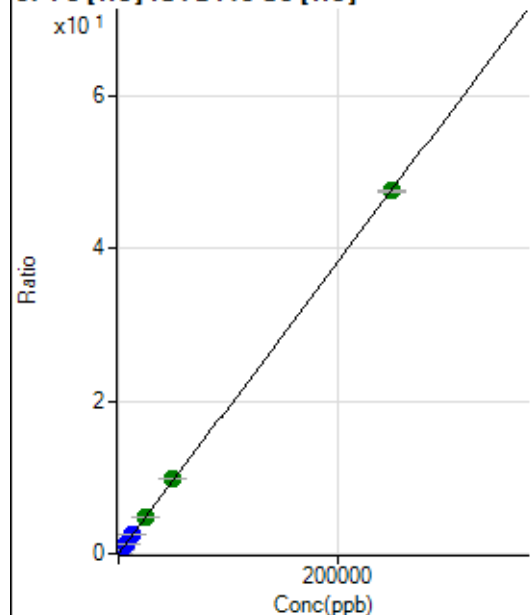
$$DL = 0.1813$$

$$BEC = 5.325$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2859.19	0.0096	P	3.6
2	☐	50.000	55.762	5955.68	0.0202	P	4.3
3	☐	2500.000	2668.412	155788.94	0.5176	P	0.7
4	☐	6250.000	6750.172	388741.17	1.2948	P	0.5
5	☐	12500.000	13216.222	763674.66	2.5260	P	0.5
6	☐	25000.000	25560.070	1493784.98	4.8763	A	1.2
7	☐	50000.000	51493.203	3046661.34	9.8140	A	0.9
8	☐	250000.00	249595.35	15189073.11	47.5333	A	0.4

$$y = 1.9040\text{E-}004 * x + 0.0096$$

$$R = 1.0000$$

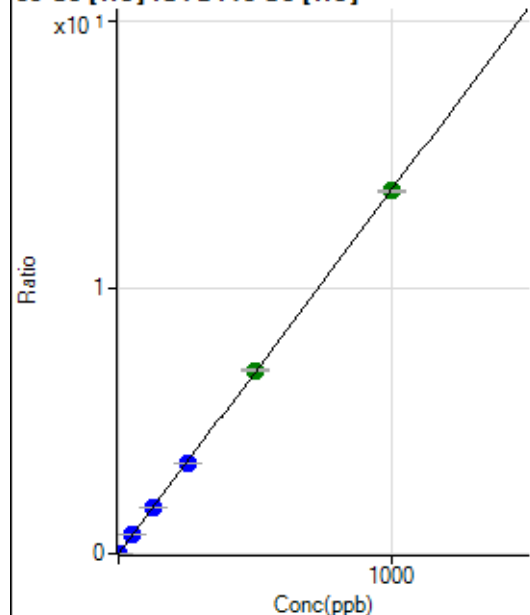
$$DL = 5.348$$

$$BEC = 50.21$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	143.34	0.0005	P	17.1
2	☐	1.000	1.003	4183.96	0.0142	P	2.7
3	☐	50.000	50.593	208106.81	0.6915	P	0.3
4	☐	125.000	125.012	512760.79	1.7079	P	0.4
5	☐	250.000	249.803	1031622.63	3.4122	P	0.4
6	☐	500.000	504.196	2109727.66	6.8867	A	0.5
7	☐	1000.000	997.920	4231314.73	13.6299	A	0.7
8	☐			11490.04	0.0360	P	1.1

$$y = 0.0137 * x + 4.7942\text{E-}004$$

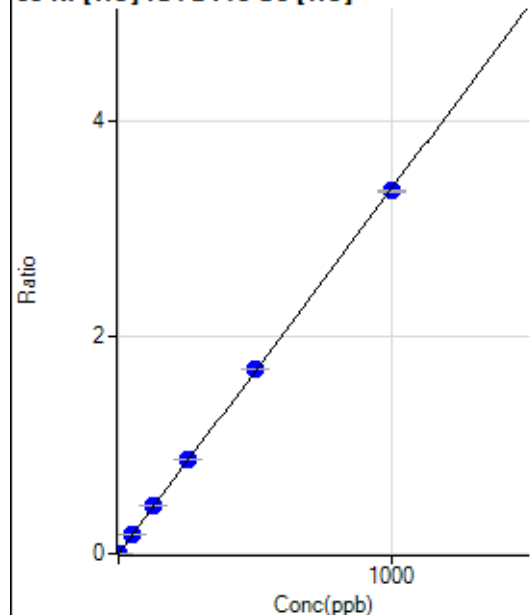
$$R = 1.0000$$

$$DL = 0.01805$$

$$BEC = 0.0351$$

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	148.89	0.0005	P	8.4
2	☐	1.000	1.121	1262.29	0.0043	P	5.9
3	☐	50.000	52.013	52913.06	0.1758	P	1.0
4	☐	125.000	130.830	132538.03	0.4415	P	1.3
5	☐	250.000	257.963	263011.46	0.8700	P	1.2
6	☐	500.000	505.552	522146.33	1.7045	P	0.4
7	☐	1000.000	994.404	1040649.55	3.3522	P	0.8
8	☐			5233.19	0.0164	P	2.5

$$y = 0.0034 * x + 4.9779E-004$$

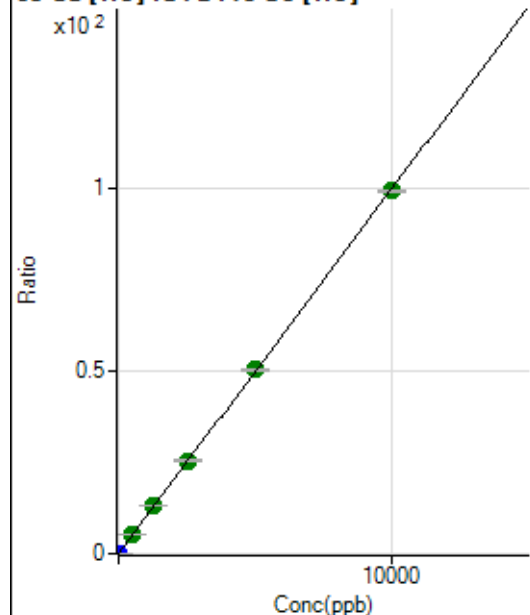
$$R = 0.9999$$

$$DL = 0.0372$$

$$BEC = 0.1477$$

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	1424.53	0.0048	P	2.8
2	☐	2.000	1.856	6861.64	0.0232	P	3.8
3	☐	500.000	515.795	1547223.54	5.1410	A	1.1
4	☐	1250.000	1314.812	3932300.56	13.0977	A	0.4
5	☐	2500.000	2546.942	7669115.44	25.3672	A	1.3
6	☐	5000.000	5049.993	15406457.41	50.2926	A	0.7
7	☐	10000.000	9954.377	30774286.21	99.1304	A	0.6
8	☐			8402.43	0.0263	P	1.8

$$y = 0.0100 * x + 0.0048$$

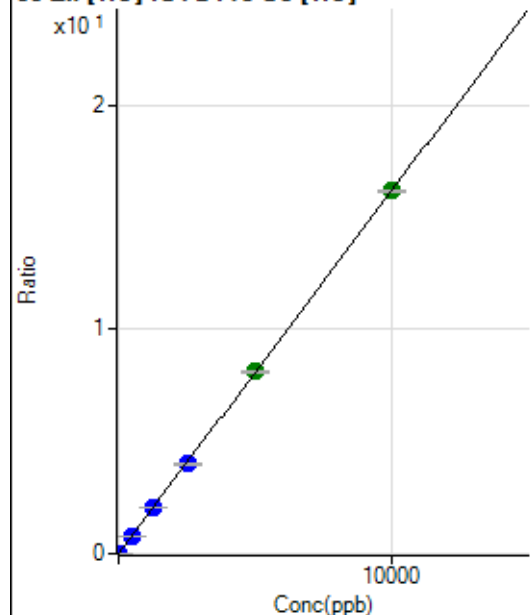
$$R = 1.0000$$

$$DL = 0.04087$$

$$BEC = 0.4783$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	507.79	0.0017	P	2.2
2	☐	2.000	4.491	2644.71	0.0090	P	5.1
3	☐	500.000	499.819	243702.87	0.8097	P	0.2
4	☐	1250.000	1250.408	607431.66	2.0232	P	0.8
5	☐	2500.000	2465.631	1205636.14	3.9878	P	0.5
6	☐	5000.000	5015.903	2484630.33	8.1108	A	0.8
7	☐	10000.000	10000.598	5019794.54	16.1695	A	0.3
8	☐			5176.50	0.0162	P	4.8

$$y = 0.0016 * x + 0.0017$$

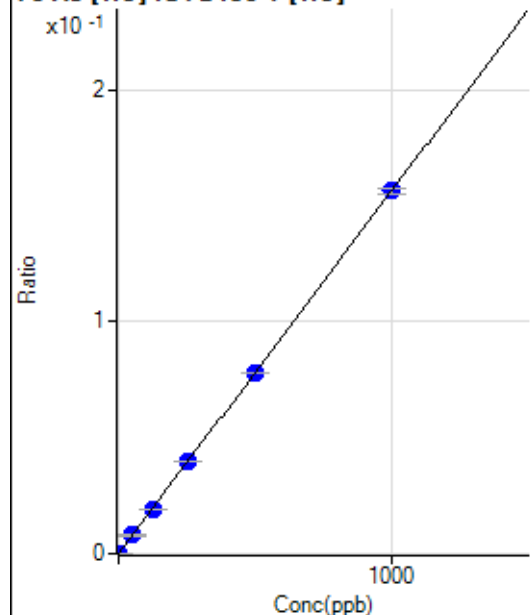
$$R = 1.0000$$

$$DL = 0.06822$$

$$BEC = 1.05$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	1.000	0.966	352.23	0.0002	P	17.2
3	☐	50.000	50.607	18638.45	0.0079	P	2.0
4	☐	125.000	123.209	46061.20	0.0192	P	0.5
5	☐	250.000	253.312	93042.46	0.0396	P	0.8
6	☐	500.000	497.812	188212.95	0.0778	P	0.5
7	☐	1000.000	1000.459	381206.05	0.1563	P	1.6
8	☐			256.67	0.0001	P	11.4

$$y = 1.5622E-004 * x + 4.6543E-007$$

$$R = 1.0000$$

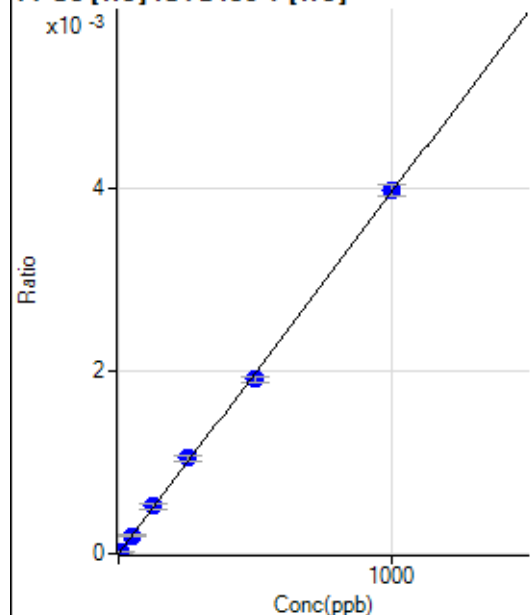
$$DL = 0.01548$$

$$BEC = 0.002979$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	4.003	38.89	0.0000	P	16.9
3	☐	50.000	50.175	468.90	0.0002	P	6.8
4	☐	125.000	130.950	1237.84	0.0005	P	12.2
5	☐	250.000	264.822	2459.12	0.0010	P	6.2
6	☐	500.000	482.960	4614.09	0.0019	P	3.8
7	☐	1000.000	1004.067	9665.46	0.0040	P	3.1
8	☐			3.33	0.0000	P	100.

$$y = 3.9461\text{E-}006 * x + 9.3420\text{E-}007$$

$$R = 0.9997$$

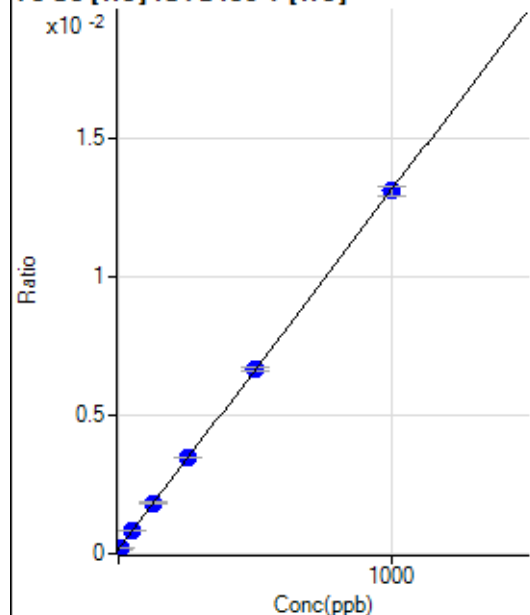
$$DL = 0.6151$$

$$BEC = 0.2367$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	376.68	0.0002	P	5.9
2	☐	5.000	5.652	538.90	0.0002	P	5.6
3	☐	50.000	52.252	1971.26	0.0008	P	1.2
4	☐	125.000	128.067	4352.90	0.0018	P	3.3
5	☐	250.000	254.587	8132.30	0.0035	P	0.5
6	☐	500.000	501.214	16108.86	0.0067	P	1.7
7	☐	1000.000	997.747	31930.01	0.0131	P	2.3
8	☐			347.79	0.0001	P	13.3

$$y = 1.2962\text{E-}005 * x + 1.5883\text{E-}004$$

$$R = 1.0000$$

$$DL = 2.182$$

$$BEC = 12.25$$

Weight: <None>

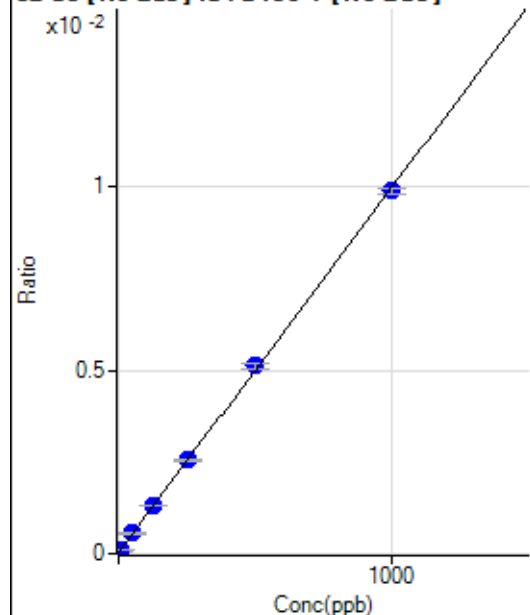
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6332.53		P	0.9
2	☐			6394.77		P	1.9
3	☐			6266.94		P	2.7
4	☐			6323.64		P	1.8
5	☐			6233.60		P	1.4
6	☐			6394.79		P	3.1
7	☐			6538.18		P	1.5
8	☐			7167.36		P	3.3

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	32.7
2	☐			83.33		P	10.6
3	☐			71.11		P	35.5
4	☐			64.45		P	6.0
5	☐			64.44		P	29.9
6	☐			80.00		P	16.7
7	☐			63.33		P	19.0
8	☐			78.89		P	20.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.65	0.0000	P	12.3
2	☐	5.000	5.135	754.48	0.0001	P	4.0
3	☐	50.000	52.189	4883.86	0.0006	P	2.3
4	☐	125.000	128.151	11726.38	0.0013	P	0.8
5	☐	250.000	254.067	23106.09	0.0026	P	2.0
6	☐	500.000	512.502	45863.49	0.0051	P	3.1
7	☐	1000.000	992.228	93644.50	0.0099	P	1.9
8	☐			448.58	0.0000	P	15.4

$$y = 9.9436E-006 * x + 3.4445E-005$$

$$R = 0.9999$$

$$DL = 1.275$$

$$BEC = 3.464$$

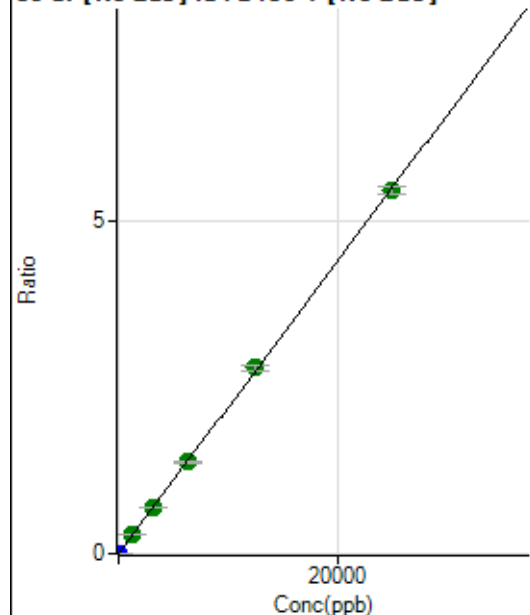
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			210.00		P	13.0
2	☐			223.33		P	9.3
3	☐			235.56		P	13.2
4	☐			256.67		P	4.7
5	☐			226.67		P	2.9
6	☐			246.67		P	11.8
7	☐			255.56		P	5.3
8	☐			266.67		P	13.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	516.68	0.0001	P	13.5
2	☐	1.000	0.921	2293.54	0.0003	P	2.3
3	☐	1250.000	1270.174	2453802.24	0.2780	A	0.6
4	☐	3125.000	3130.427	6138950.95	0.6852	A	0.2
5	☐	6250.000	6292.449	12426718.56	1.3772	A	1.3
6	☐	12500.000	12756.127	24958817.40	2.7918	A	2.8
7	☐	25000.000	24859.637	51460270.90	5.4408	A	2.0
8	☐			8724.88	0.0009	P	3.3

$$y = 2.1886\text{E-}004 * x + 5.8266\text{E-}005$$

$$R = 0.9999$$

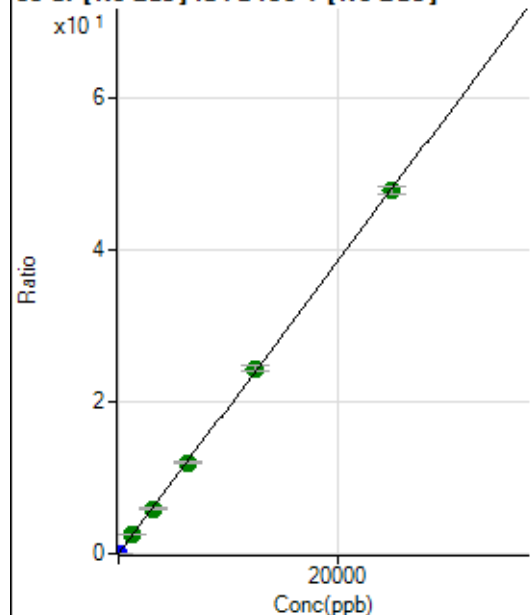
$$DL = 0.1076$$

$$BEC = 0.2662$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1405.64	0.0002	P	4.8
2	☐	1.000	0.935	17253.54	0.0020	P	3.0
3	☐	1250.000	1264.899	21450332.04	2.4305	A	0.8
4	☐	3125.000	3099.844	53367499.20	5.9562	A	0.5
5	☐	6250.000	6242.156	108225237.2	11.9938	A	1.7
6	☐	12500.000	12729.349	218646752.3	24.4583	A	3.5
7	☐	25000.000	24889.686	452330668.8	47.8231	A	2.1
8	☐			73686.83	0.0079	P	2.2

$$y = 0.0019 * x + 1.5831\text{E-}004$$

$$R = 0.9999$$

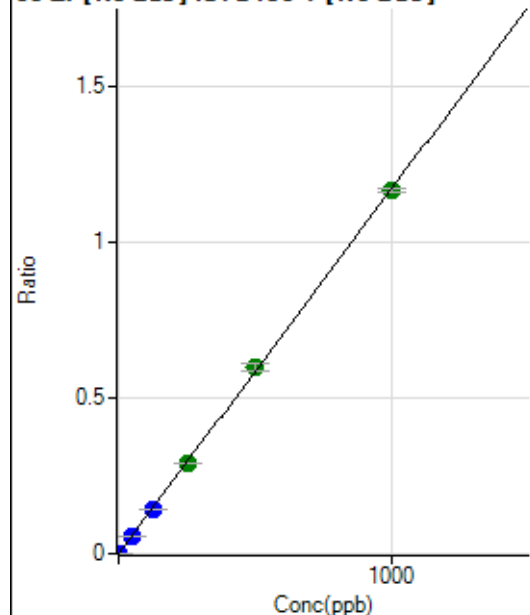
$$DL = 0.0118$$

$$BEC = 0.0824$$

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	445.56	0.0001	P	2.1
2	☐	1.000	0.926	9995.70	0.0011	P	1.8
3	☐	50.000	49.615	512221.53	0.0580	P	1.5
4	☐	125.000	122.112	1279390.73	0.1428	P	0.7
5	☐	250.000	247.943	2615544.49	0.2899	A	1.3
6	☐	500.000	511.992	5350351.90	0.5985	A	3.3
7	☐	1000.000	994.899	11001365.25	1.1630	A	1.1
8	☐			6255.84	0.0007	P	1.7

$$y = 0.0012 * x + 5.0204E-005$$

$$R = 0.9999$$

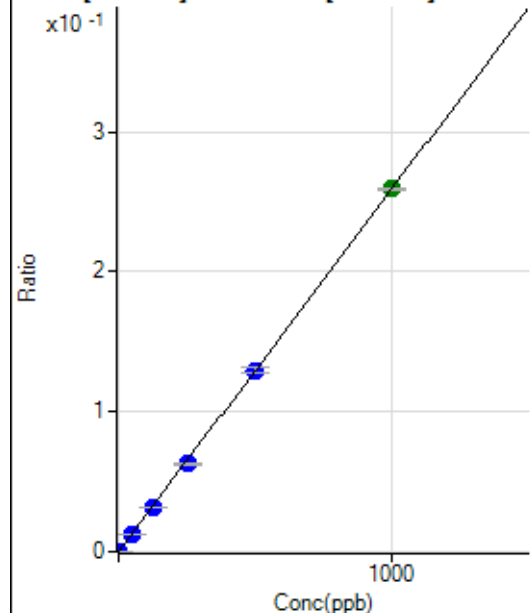
$$DL = 0.002666$$

$$BEC = 0.04295$$

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	72.22	0.0000	P	4.8
2	☐	1.000	0.922	2177.96	0.0002	P	2.1
3	☐	50.000	49.234	112558.31	0.0128	P	1.2
4	☐	125.000	121.965	283000.71	0.0316	P	0.6
5	☐	250.000	243.186	568175.33	0.0630	P	1.9
6	☐	500.000	501.512	1160798.51	0.1298	P	2.9
7	☐	1000.000	1001.365	2452750.64	0.2593	A	0.4
8	☐			1411.20	0.0002	P	4.1

$$y = 2.5890E-004 * x + 8.1354E-006$$

$$R = 1.0000$$

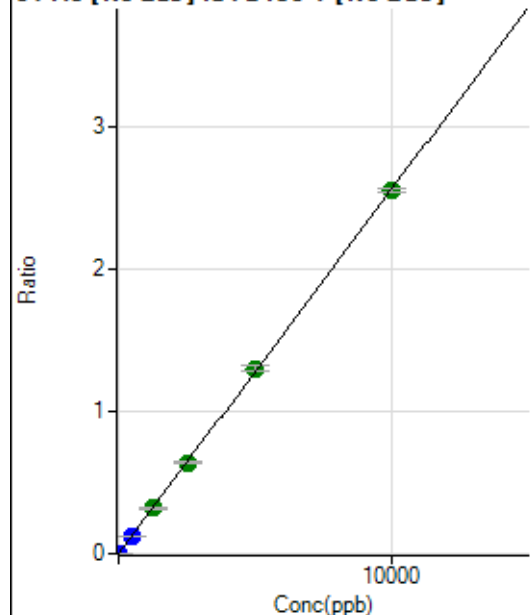
$$DL = 0.004502$$

$$BEC = 0.03142$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	250.00	0.0000	P	5.1
2	☐	5.000	5.032	11613.59	0.0013	P	2.9
3	☐	500.000	493.050	1113754.18	0.1262	P	0.9
4	☐	1250.000	1242.514	2849218.12	0.3180	A	0.7
5	☐	2500.000	2487.498	5743762.62	0.6366	A	2.4
6	☐	5000.000	5088.515	11640763.99	1.3022	A	3.1
7	☐	10000.000	9960.151	24111178.53	2.5488	A	1.0
8	☐			5810.10	0.0006	P	5.2

$$y = 2.5590\text{E-}004 * x + 2.8174\text{E-}005$$

$$R = 0.9999$$

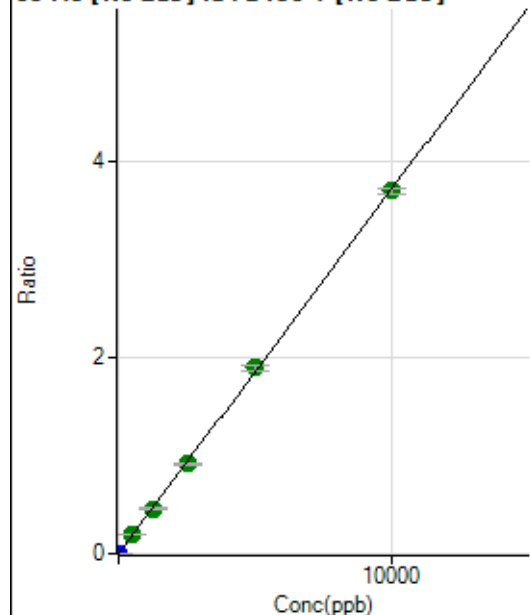
$$DL = 0.01675$$

$$BEC = 0.1101$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	168.89	0.0000	P	19.0
2	☐	5.000	4.176	13854.45	0.0016	P	4.6
3	☐	500.000	505.048	1655775.86	0.1876	A	0.6
4	☐	1250.000	1239.882	4126985.56	0.4606	A	0.9
5	☐	2500.000	2470.721	8281823.07	0.9178	A	1.8
6	☐	5000.000	5098.559	16930459.89	1.8939	A	3.2
7	☐	10000.000	9959.053	34992744.48	3.6994	A	1.5
8	☐			5217.64	0.0006	P	3.9

$$y = 3.7146\text{E-}004 * x + 1.9018\text{E-}005$$

$$R = 0.9999$$

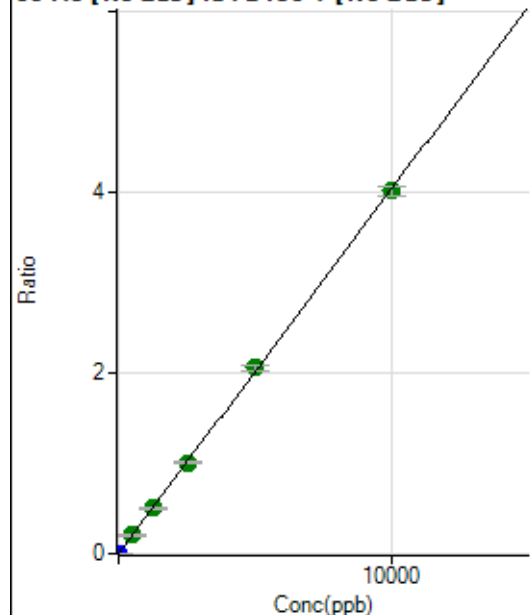
$$DL = 0.02914$$

$$BEC = 0.0512$$

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	193.34	0.0000	P	10.3
2	☐	5.000	4.292	15486.09	0.0018	P	2.1
3	☐	500.000	503.321	1793702.25	0.2033	A	1.1
4	☐	1250.000	1242.669	4496089.20	0.5018	A	0.8
5	☐	2500.000	2486.252	9058417.23	1.0039	A	2.4
6	☐	5000.000	5111.444	18450211.39	2.0639	A	3.2
7	☐	10000.000	9948.466	37992858.60	4.0170	A	2.4
8	☐			11125.45	0.0012	P	2.7

$$y = 4.0378E-004 * x + 2.1782E-005$$

$$R = 0.9999$$

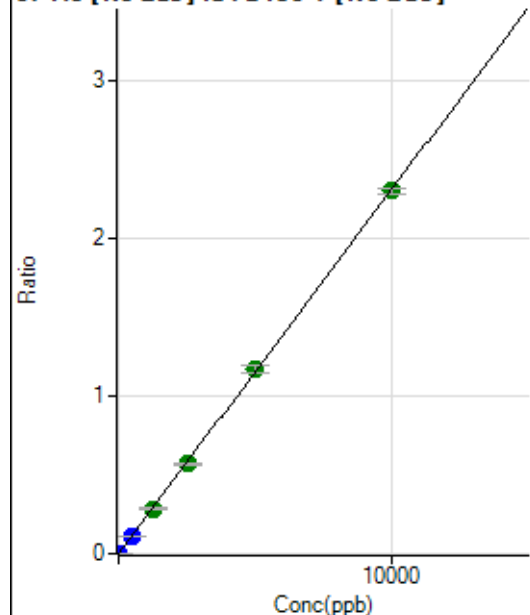
$$DL = 0.01666$$

$$BEC = 0.05395$$

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	116.67	0.0000	P	17.1
2	☐	5.000	4.242	8740.47	0.0010	P	2.6
3	☐	500.000	489.522	995297.45	0.1128	P	2.3
4	☐	1250.000	1238.459	2556519.11	0.2853	A	1.0
5	☐	2500.000	2463.995	5121917.08	0.5677	A	2.2
6	☐	5000.000	5086.819	10475850.68	1.1719	A	3.8
7	☐	10000.000	9967.559	21720252.87	2.2963	A	1.9
8	☐			3234.84	0.0003	P	0.9

$$y = 2.3038E-004 * x + 1.3146E-005$$

$$R = 0.9999$$

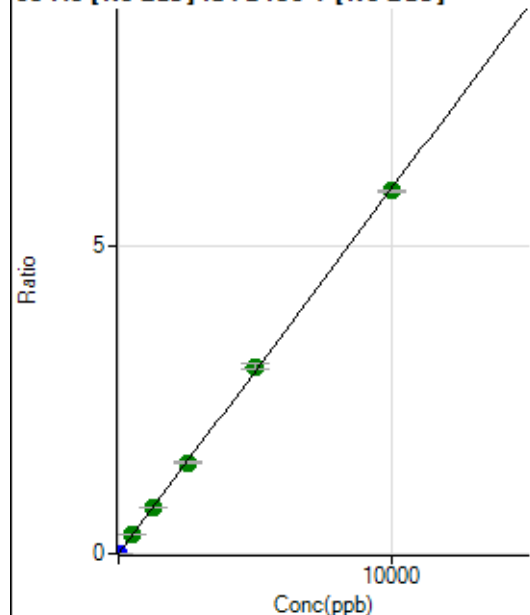
$$DL = 0.02929$$

$$BEC = 0.05706$$

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	233.34	0.0000	P	3.8
2	☐	5.000	4.216	22279.30	0.0025	P	2.7
3	☐	500.000	505.241	2642033.87	0.2994	A	1.4
4	☐	1250.000	1240.850	6587891.99	0.7353	A	0.4
5	☐	2500.000	2489.101	13308411.88	1.4749	A	1.3
6	☐	5000.000	5130.216	27174259.59	3.0398	A	3.6
7	☐	10000.000	9938.499	55708803.06	5.8889	A	0.8
8	☐			7907.75	0.0008	P	2.0

$$y = 5.9253\text{E-}004 * x + 2.6279\text{E-}005$$

$$R = 0.9999$$

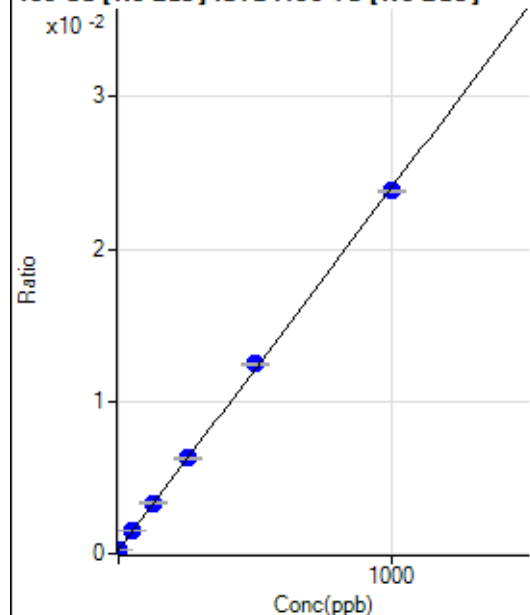
$$DL = 0.005039$$

$$BEC = 0.04435$$

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	1345.63	0.0002	P	6.0
2	☐	1.000	0.814	1456.76	0.0003	P	4.8
3	☐	50.000	52.614	8491.44	0.0015	P	2.0
4	☐	125.000	130.657	19213.94	0.0033	P	0.5
5	☐	250.000	252.946	36737.63	0.0063	P	1.4
6	☐	500.000	513.252	73214.60	0.0124	P	1.9
7	☐	1000.000	991.800	148258.99	0.0238	P	0.8
8	☐			1563.43	0.0003	P	5.3

$$y = 2.3788\text{E-}005 * x + 2.3715\text{E-}004$$

$$R = 0.9999$$

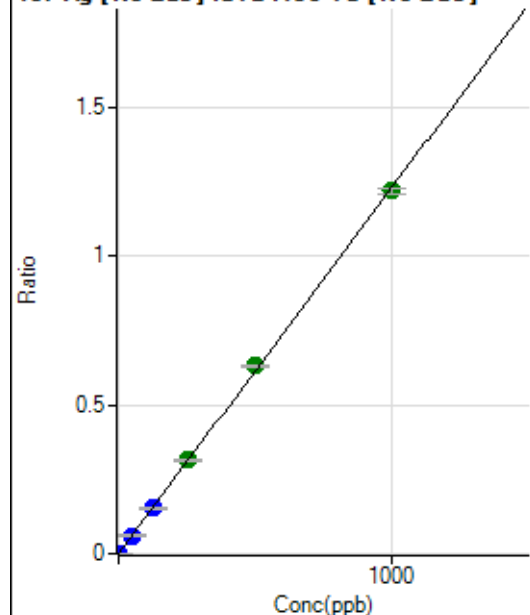
$$DL = 1.788$$

$$BEC = 9.97$$

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	70.00	0.0000	P	4.8
2	☐	1.000	0.871	6156.92	0.0011	P	0.7
3	☐	50.000	49.936	350398.34	0.0614	P	2.0
4	☐	125.000	123.800	874799.30	0.1523	P	0.4
5	☐	250.000	255.588	1846962.18	0.3144	A	2.3
6	☐	500.000	512.980	3712189.11	0.6311	A	1.7
7	☐	1000.000	992.267	7594096.97	1.2207	A	1.5
8	☐			962.26	0.0002	P	9.8

$$y = 0.0012 * x + 1.2335E-005$$

$$R = 0.9998$$

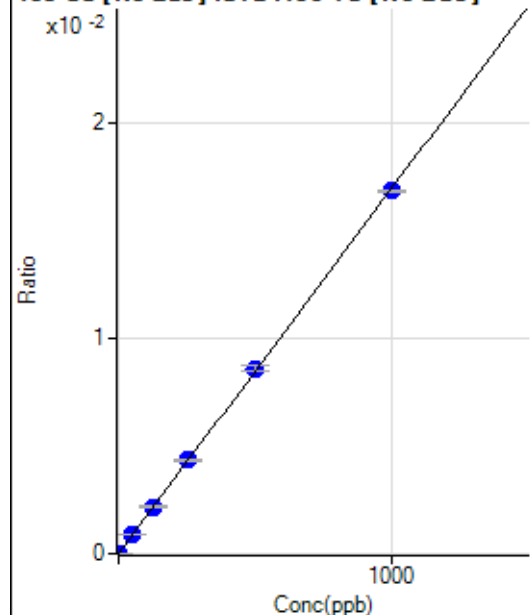
$$DL = 0.001431$$

$$BEC = 0.01003$$

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	6.67	0.0000	P	132.
2	☐	1.000	0.920	95.56	0.0000	P	16.3
3	☐	50.000	51.721	5010.92	0.0009	P	3.1
4	☐	125.000	128.892	12565.53	0.0022	P	2.0
5	☐	250.000	255.535	25467.95	0.0043	P	1.4
6	☐	500.000	508.123	50702.72	0.0086	P	2.3
7	☐	1000.000	993.982	104910.63	0.0169	P	0.6
8	☐			62.22	0.0000	P	30.5

$$y = 1.6962E-005 * x + 1.1801E-006$$

$$R = 0.9999$$

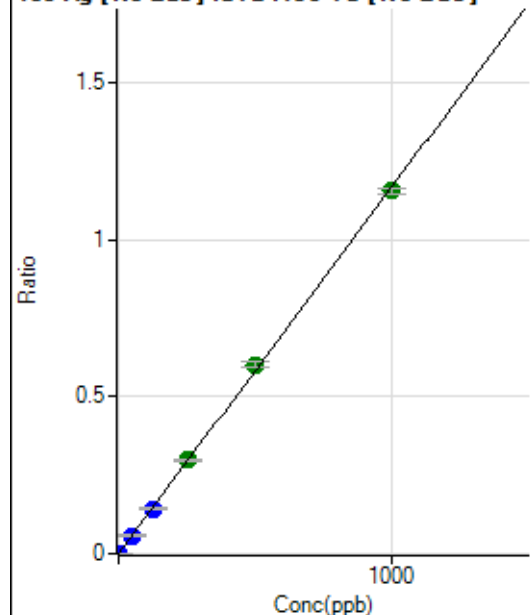
$$DL = 0.2768$$

$$BEC = 0.06957$$

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	40.00	0.0000	P	55.0
2	☐	1.000	0.899	5993.51	0.0011	P	1.7
3	☐	50.000	49.778	330754.15	0.0580	P	2.4
4	☐	125.000	123.033	823320.53	0.1433	P	0.6
5	☐	250.000	257.020	1759018.97	0.2994	A	2.0
6	☐	500.000	516.031	3536191.06	0.6012	A	2.6
7	☐	1000.000	990.487	7180724.20	1.1540	A	1.6
8	☐			808.92	0.0001	P	14.0

$$y = 0.0012 * x + 7.0594E-006$$

$$R = 0.9998$$

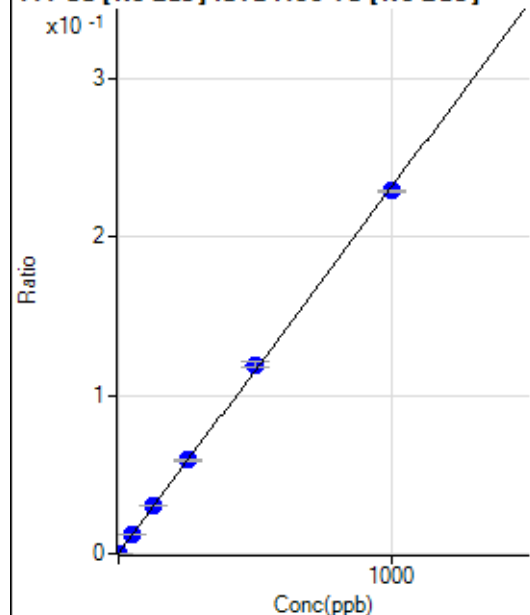
$$DL = 0.01$$

$$BEC = 0.006059$$

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	941.72	0.0002	P	5.3
2	☐	1.000	1.029	2294.03	0.0004	P	2.9
3	☐	50.000	52.712	70383.88	0.0123	P	1.6
4	☐	125.000	129.918	173328.89	0.0302	P	0.8
5	☐	250.000	255.545	347723.48	0.0592	P	2.0
6	☐	500.000	516.058	702129.34	0.1194	P	2.9
7	☐	1000.000	989.834	1423581.78	0.2288	P	0.4
8	☐			1287.52	0.0002	P	3.1

$$y = 2.3099E-004 * x + 1.6596E-004$$

$$R = 0.9998$$

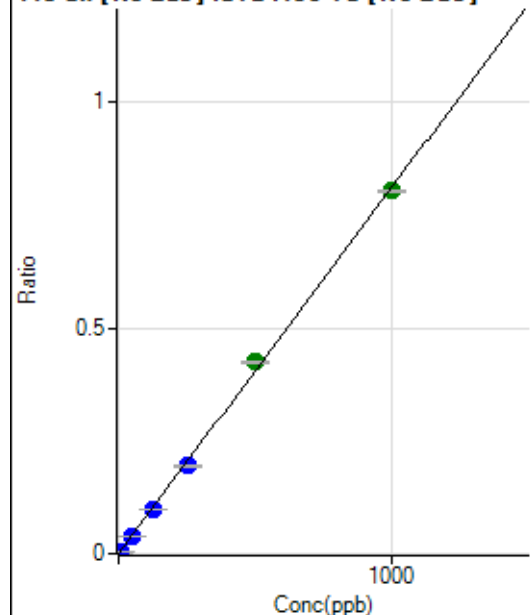
$$DL = 0.1145$$

$$BEC = 0.7185$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1097.83	0.0002	P	7.5
2	☐	5.000	4.388	21304.75	0.0037	P	1.2
3	☐	50.000	48.856	226892.78	0.0398	P	2.2
4	☐	125.000	120.390	561498.02	0.0978	P	0.7
5	☐	250.000	238.968	1138734.41	0.1939	P	2.1
6	☐	500.000	523.543	2497140.17	0.4245	A	1.2
7	☐	1000.000	991.623	5001237.43	0.8038	A	0.3
8	☐			3537.16	0.0006	P	1.7

$$y = 8.1041\text{E-}004 * x + 1.9346\text{E-}004$$

$$R = 0.9995$$

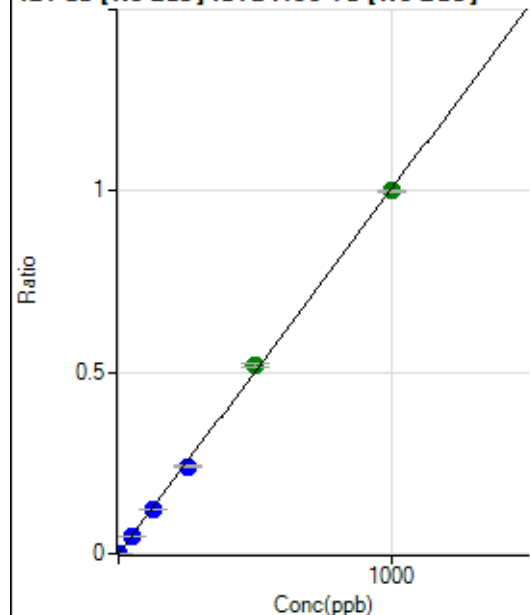
$$DL = 0.0537$$

$$BEC = 0.2387$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0000	P	11.3
2	☐	2.000	1.893	10870.85	0.0019	P	2.5
3	☐	50.000	48.452	277898.84	0.0487	P	2.4
4	☐	125.000	121.161	699854.63	0.1218	P	0.7
5	☐	250.000	238.630	1409590.02	0.2400	P	2.3
6	☐	500.000	517.069	3058612.11	0.5199	A	2.4
7	☐	1000.000	994.865	6223927.48	1.0004	A	0.7
8	☐			4873.10	0.0008	P	4.8

$$y = 0.0010 * x + 9.9816\text{E-}006$$

$$R = 0.9997$$

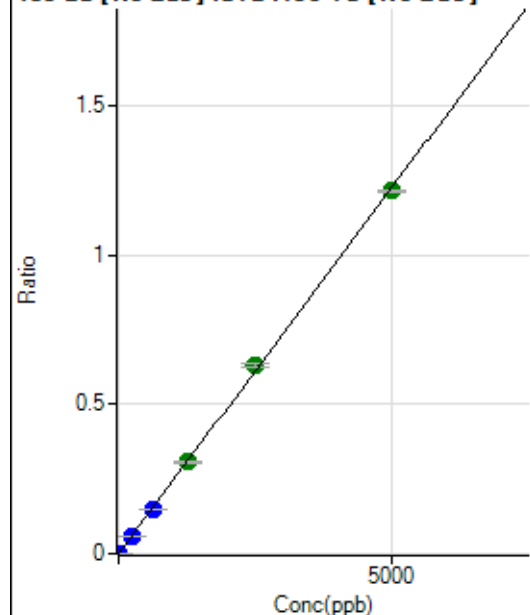
$$DL = 0.003375$$

$$BEC = 0.009927$$

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	72.22	0.0000	P	7.5
2	☐	10.000	8.912	12480.00	0.0022	P	2.2
3	☐	250.000	237.915	332611.28	0.0583	P	2.0
4	☐	625.000	593.027	834870.94	0.1454	P	0.2
5	☐	1250.000	1258.272	1811575.73	0.3084	A	1.8
6	☐	2500.000	2581.318	3721542.86	0.6327	A	2.4
7	☐	5000.000	4961.876	7566735.79	1.2161	A	0.4
8	☐			3062.58	0.0005	P	0.2

$$y = 2.4509\text{E-}004 * x + 1.2729\text{E-}005$$

$$R = 0.9998$$

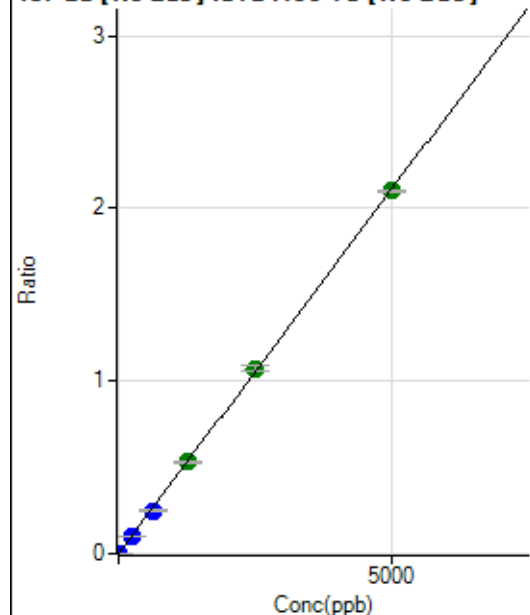
$$DL = 0.01162$$

$$BEC = 0.05194$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	116.67	0.0000	P	24.5
2	☐	10.000	8.818	21249.28	0.0037	P	1.7
3	☐	250.000	238.765	574542.57	0.1007	P	1.7
4	☐	625.000	591.805	1434140.55	0.2497	P	1.0
5	☐	1250.000	1262.631	3128970.34	0.5327	A	2.0
6	☐	2500.000	2542.951	6309635.04	1.0728	A	3.2
7	☐	5000.000	4980.080	13072058.14	2.1009	A	0.7
8	☐			5466.66	0.0009	P	3.4

$$y = 4.2186\text{E-}004 * x + 2.0539\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.03575$$

$$BEC = 0.04869$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			8.89		P	57.3
3	☐			21.11		P	50.8
4	☐			42.22		P	32.9
5	☐			42.22		P	31.9
6	☐			93.33		P	15.6
7	☐			257.78		P	6.4
8	☐			112.22		P	26.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	173.
3	☐			5.56		P	91.6
4	☐			11.11		P	34.6
5	☐			15.56		P	32.7
6	☐			33.33		P	55.7
7	☐			42.22		P	25.4
8	☐			70.00		P	33.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			360.01		P	10.5
2	☐			347.79		P	15.2
3	☐			368.90		P	8.4
4	☐			317.78		P	10.0
5	☐			386.68		P	9.7
6	☐			363.34		P	12.9
7	☐			481.12		P	6.2
8	☐			544.46		P	7.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			124.45		P	19.7
2	☐			86.67		P	32.9
3	☐			106.67		P	3.1
4	☐			108.89		P	15.1
5	☐			163.34		P	7.4
6	☐			252.23		P	12.2
7	☐			435.57		P	8.8
8	☐			247.78		P	8.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.44		P	34.3
2	☐			16.67		P	52.9
3	☐			26.67		P	21.7
4	☐			32.22		P	31.6
5	☐			37.78		P	44.4
6	☐			68.89		P	43.4
7	☐			83.33		P	26.2
8	☐			200.00		P	8.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			151.11		P	5.5
2	☐			116.67		P	7.6
3	☐			143.34		P	17.6
4	☐			120.00		P	20.0
5	☐			168.89		P	16.0
6	☐			158.89		P	10.3
7	☐			217.78		P	21.1
8	☐			240.01		P	9.1

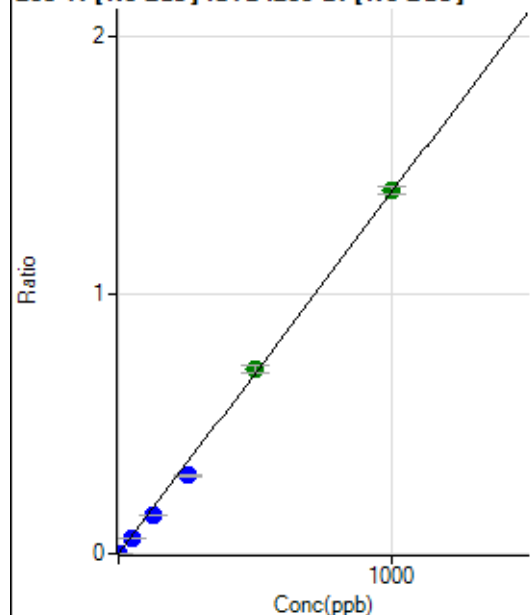
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	14.4
2	☐			43.33		P	23.1
3	☐			52.22		P	19.5
4	☐			46.67		P	32.7
5	☐			52.22		P	24.2
6	☐			73.33		P	22.7
7	☐			95.56		P	5.3
8	☐			230.00		P	5.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	15.8
2	☐			22.22		P	8.7
3	☐			18.89		P	10.2
4	☐			25.55		P	15.1
5	☐			36.67		P	27.3
6	☐			53.33		P	16.5
7	☐			68.89		P	34.0
8	☐			165.56		P	22.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	114.45	0.0000	P	3.0
2	☐	1.000	0.854	3979.51	0.0012	P	1.9
3	☐	50.000	43.542	200078.37	0.0607	P	1.3
4	☐	125.000	107.018	503388.14	0.1492	P	0.4
5	☐	250.000	215.657	1016023.89	0.3007	P	2.1
6	☐	500.000	513.558	2415231.54	0.7160	A	4.1
7	☐	1000.000	1004.378	4964210.10	1.4002	A	2.0
8	☐			728.92	0.0002	P	14.2

$$y = 0.0014 * x + 3.5098E-005$$

$$R = 0.9992$$

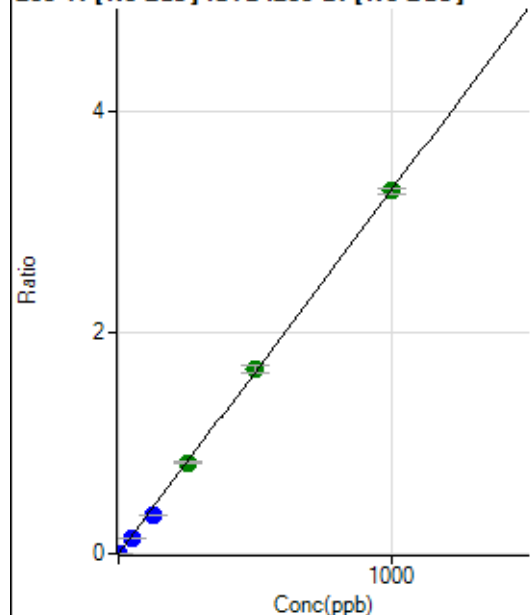
$$DL = 0.002287$$

$$BEC = 0.02518$$

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	198.89	0.0001	P	1.0
2	☐	1.000	0.830	9058.65	0.0028	P	4.1
3	☐	50.000	43.579	472229.23	0.1434	P	1.2
4	☐	125.000	106.937	1186314.77	0.3517	P	0.4
5	☐	250.000	250.325	2781747.42	0.8232	A	0.8
6	☐	500.000	508.915	5644829.91	1.6734	A	4.3
7	☐	1000.000	998.040	11635438.16	3.2817	A	1.8
8	☐			1572.33	0.0005	P	9.1

$$y = 0.0033 * x + 6.1000E-005$$

$$R = 0.9998$$

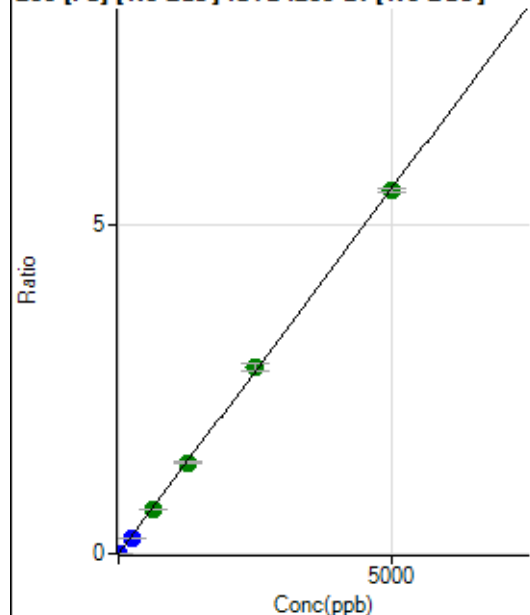
$$DL = 0.0005485$$

$$BEC = 0.01855$$

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	286.67	0.0001	P	10.2
2	☐	1.000	0.808	3199.30	0.0010	P	1.5
3	☐	250.000	219.500	803690.26	0.2440	P	1.5
4	☐	625.000	616.453	2310742.81	0.6850	A	0.8
5	☐	1250.000	1248.333	4687129.44	1.3871	A	1.0
6	☐	2500.000	2561.797	9601259.65	2.8465	A	4.6
7	☐	5000.000	4972.112	19589362.77	5.5245	A	1.0
8	☐			4208.48	0.0013	P	4.4

$$y = 0.0011 * x + 8.7862E-005$$

$$R = 0.9999$$

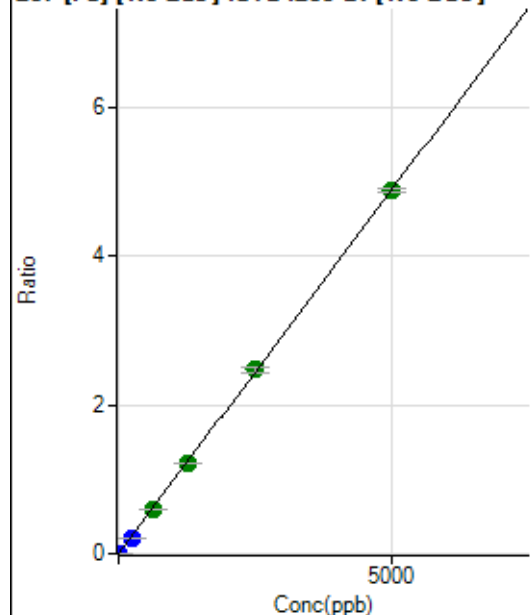
$$DL = 0.02421$$

$$BEC = 0.07908$$

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	252.23	0.0001	P	13.0
2	☐	1.000	0.794	2771.42	0.0009	P	4.4
3	☐	250.000	216.315	696639.68	0.2115	P	1.5
4	☐	625.000	614.516	2025990.70	0.6006	A	0.5
5	☐	1250.000	1245.035	4111437.23	1.2168	A	1.5
6	☐	2500.000	2527.831	8334502.65	2.4703	A	3.4
7	☐	5000.000	4990.321	17292062.10	4.8767	A	1.2
8	☐			3592.73	0.0011	P	2.4

$$y = 9.7722E-004 * x + 7.7405E-005$$

$$R = 1.0000$$

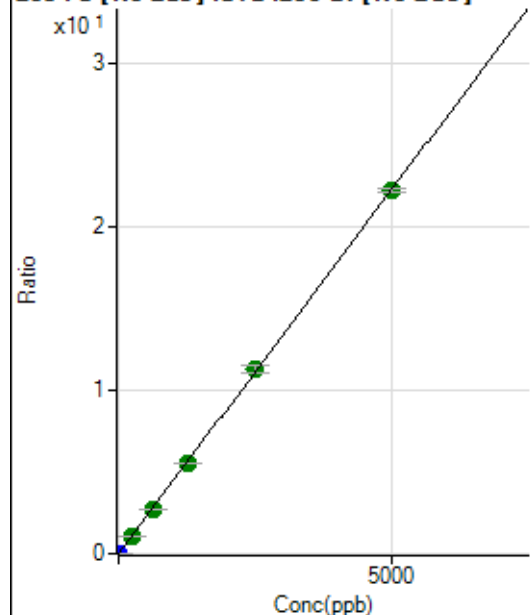
$$DL = 0.03086$$

$$BEC = 0.07921$$

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	1126.70	0.0003	P	2.3
2	☐	1.000	0.805	12746.92	0.0039	P	3.4
3	☐	250.000	234.754	3438946.66	1.0438	A	0.8
4	☐	625.000	616.988	9251956.95	2.7429	A	1.1
5	☐	1250.000	1243.047	18671842.92	5.5257	A	1.5
6	☐	2500.000	2535.831	38027087.42	11.2721	A	3.9
7	☐	5000.000	4985.587	78579922.30	22.1612	A	1.1
8	☐			16728.66	0.0050	P	2.3

$$y = 0.0044 * x + 3.4552E-004$$

$$R = 1.0000$$

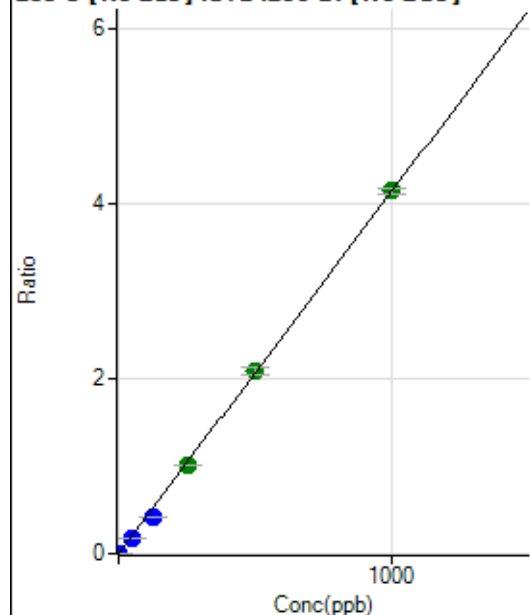
$$DL = 0.00544$$

$$BEC = 0.07773$$

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	116.67	0.0000	P	4.9
2	☐	1.000	0.785	10662.16	0.0033	P	3.3
3	☐	50.000	42.023	572874.82	0.1739	P	1.5
4	☐	125.000	103.057	1438514.94	0.4264	P	0.5
5	☐	250.000	244.130	3413259.95	1.0101	A	1.5
6	☐	500.000	504.173	7037455.17	2.0859	A	3.4
7	☐	1000.000	1002.523	14706818.95	4.1478	A	1.4
8	☐			838.92	0.0003	P	8.3

$$y = 0.0041 * x + 3.5772E-005$$

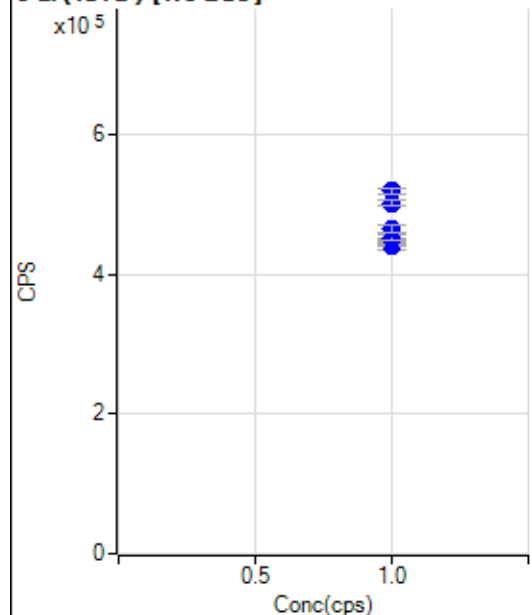
$$R = 0.9998$$

$$DL = 0.001266$$

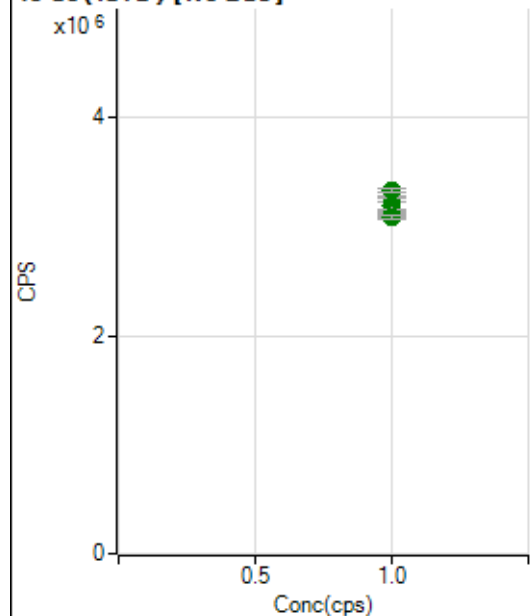
$$BEC = 0.008646$$

Weight: <None>

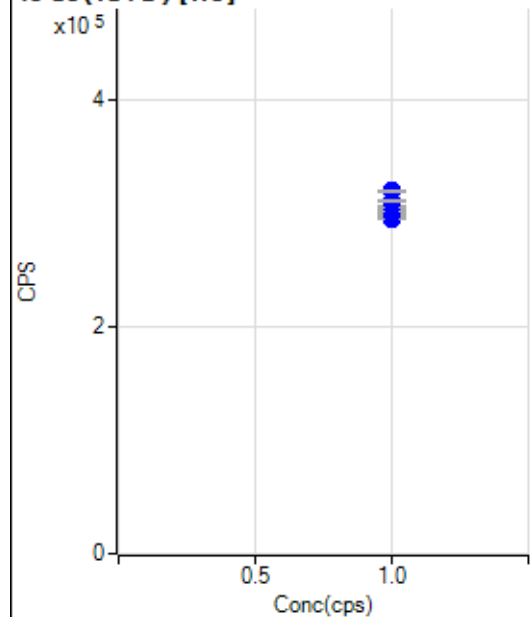
Min Conc: 0

6 Li (ISTD) [No Gas]

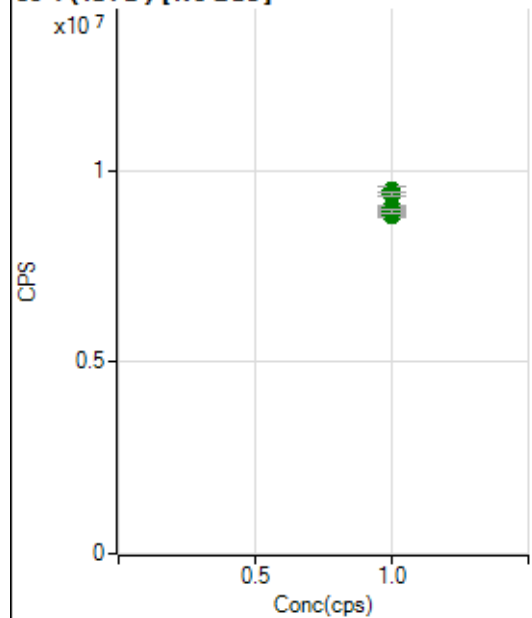
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		440872.75		P	1.9
2	☐	1.000		443208.35		P	1.0
3	☐	1.000		442587.81		P	0.5
4	☐	1.000		448487.68		P	1.7
5	☐	1.000		452975.84		P	1.8
6	☐	1.000		467226.34		P	2.3
7	☐	1.000		503148.23		P	2.0
8	☐	1.000		520261.91		P	1.6

45 Sc (ISTD) [No Gas]

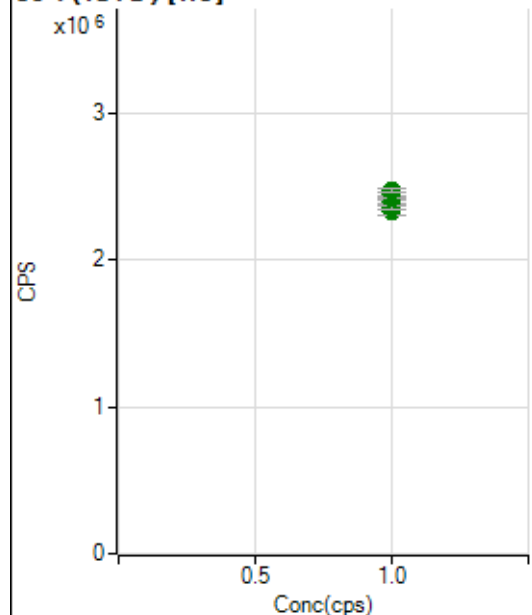
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3117703.88		A	2.8
2	☐	1.000		3104114.95		A	0.9
3	☐	1.000		3126523.36		A	0.5
4	☐	1.000		3155560.33		A	0.5
5	☐	1.000		3190656.06		A	1.8
6	☐	1.000		3088297.84		A	0.8
7	☐	1.000		3271236.58		A	0.3
8	☐	1.000		3327124.47		A	1.0

45 Sc (ISTD) [He]

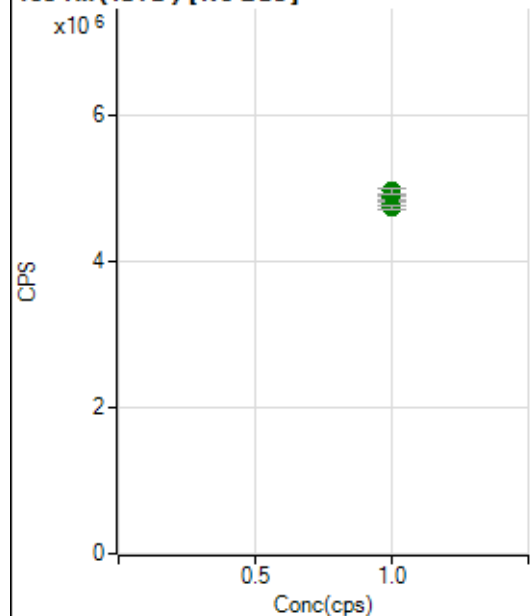
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		299097.54		P	0.4
2	☐	1.000		295194.43		P	0.4
3	☐	1.000		300963.69		P	0.4
4	☐	1.000		300231.54		P	0.3
5	☐	1.000		302329.59		P	0.3
6	☐	1.000		306343.66		P	0.5
7	☐	1.000		310451.31		P	0.8
8	☐	1.000		319548.87		P	0.6

89 Y (ISTD) [No Gas]

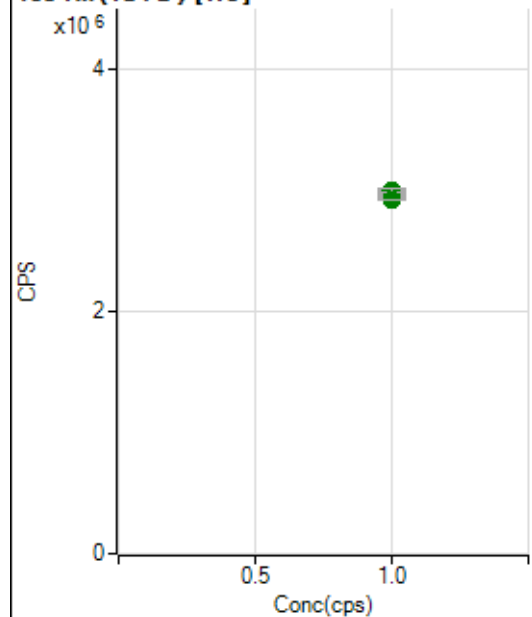
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8876542.16		A	1.2
2	☐	1.000		8825402.79		A	0.8
3	☐	1.000		8825272.37		A	1.0
4	☐	1.000		8959660.63		A	1.1
5	☐	1.000		9023439.31		A	0.8
6	☐	1.000		8941701.19		A	1.3
7	☐	1.000		9461120.90		A	2.3
8	☐	1.000		9376149.44		A	0.6

89 Y (ISTD) [He]

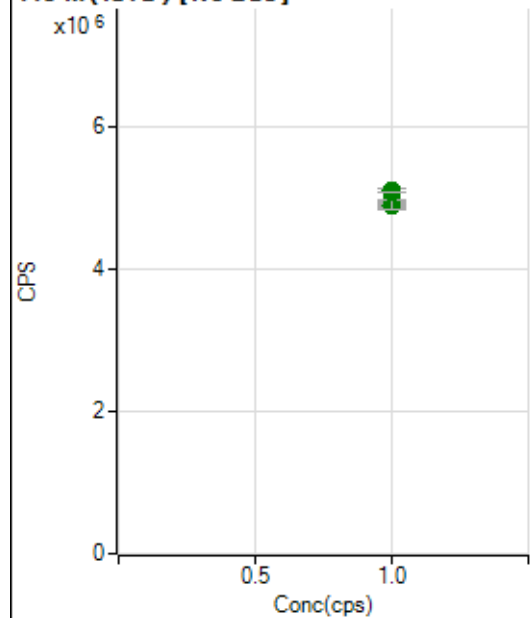
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2371930.09		A	0.5
2	☐	1.000		2322094.88		A	1.6
3	☐	1.000		2357720.17		A	1.0
4	☐	1.000		2393035.77		A	1.0
5	☐	1.000		2351221.13		A	1.2
6	☐	1.000		2420200.31		A	0.5
7	☐	1.000		2439545.38		A	1.8
8	☐	1.000		2466574.08		A	1.1

103 Rh (ISTD) [No Gas]

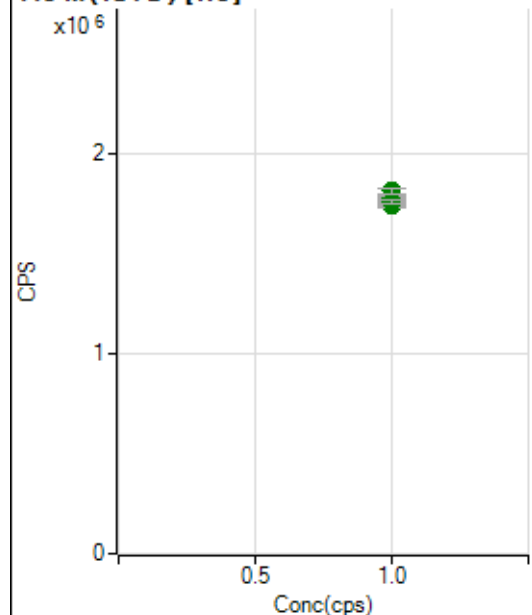
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4880574.48		A	0.9
2	☐	1.000		4794633.16		A	1.1
3	☐	1.000		4799013.58		A	1.2
4	☐	1.000		4821430.28		A	0.4
5	☐	1.000		4893259.48		A	1.2
6	☐	1.000		4769286.53		A	1.8
7	☐	1.000		4973106.77		A	1.7
8	☐	1.000		4743273.16		A	0.7

103 Rh (ISTD) [He]

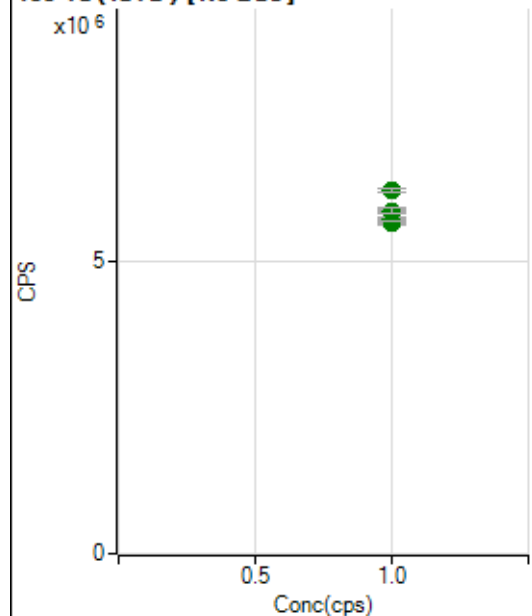
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2963151.59		A	1.3
2	☐	1.000		2946214.82		A	0.3
3	☐	1.000		2962046.24		A	0.3
4	☐	1.000		2972158.01		A	1.8
5	☐	1.000		2969046.76		A	1.8
6	☐	1.000		2998183.15		A	1.7
7	☐	1.000		2997376.03		A	1.2
8	☐	1.000		2922798.15		A	0.4

115 In (ISTD) [No Gas]

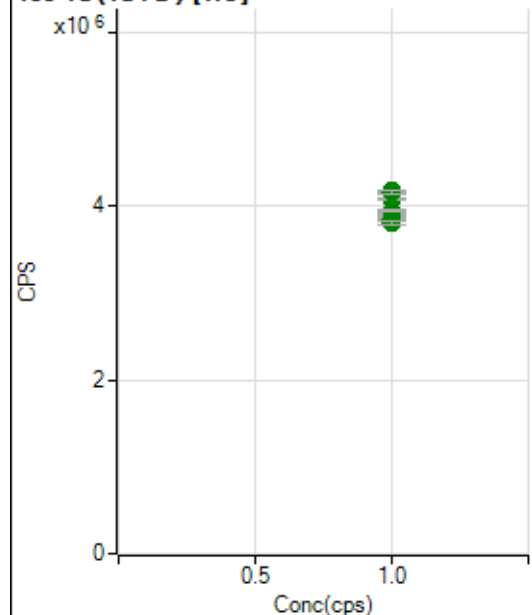
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4905505.72		A	0.8
2	☐	1.000		4960346.92		A	0.9
3	☐	1.000		4907435.04		A	0.3
4	☐	1.000		4971073.04		A	0.5
5	☐	1.000		4955137.51		A	0.4
6	☐	1.000		4913390.06		A	2.9
7	☐	1.000		5109722.54		A	1.0
8	☐	1.000		5084556.62		A	0.2

115 In (ISTD) [He]

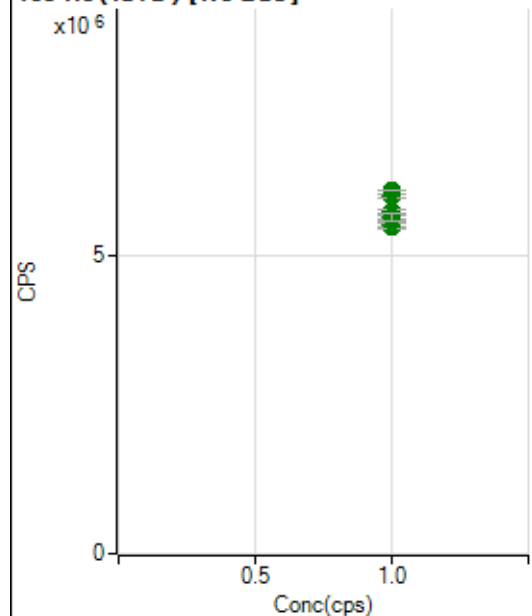
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1779460.61		A	0.6
2	☐	1.000		1748687.00		A	1.9
3	☐	1.000		1739683.46		A	0.5
4	☐	1.000		1769849.15		A	2.7
5	☐	1.000		1779772.34		A	1.0
6	☐	1.000		1794787.44		A	0.5
7	☐	1.000		1761406.39		A	1.3
8	☐	1.000		1817388.52		A	1.5

159 Tb (ISTD) [No Gas]

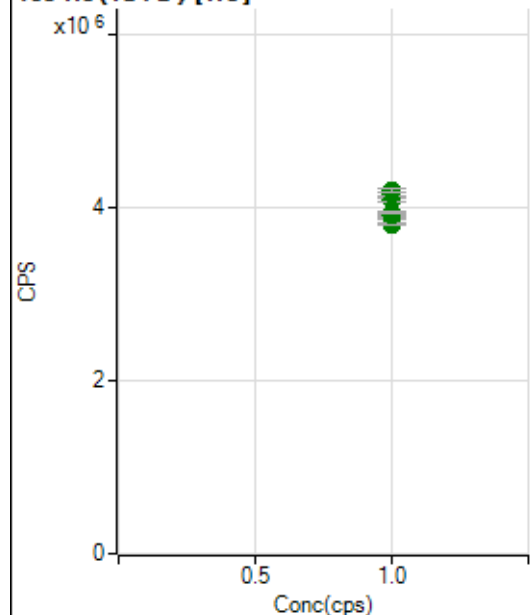
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5675197.90		A	0.5
2	☐	1.000		5682345.68		A	2.0
3	☐	1.000		5703369.78		A	1.0
4	☐	1.000		5743633.87		A	1.1
5	☐	1.000		5874340.61		A	0.5
6	☐	1.000		5882846.51		A	1.4
7	☐	1.000		6221865.33		A	1.2
8	☐	1.000		6223398.86		A	1.2

159 Tb (ISTD) [He]

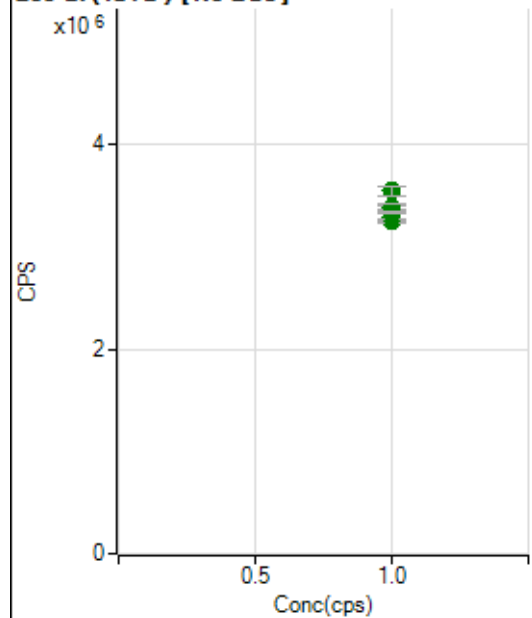
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3836604.21		A	0.2
2	☐	1.000		3847976.85		A	1.5
3	☐	1.000		3903782.06		A	0.3
4	☐	1.000		3800464.77		A	0.9
5	☐	1.000		3944935.01		A	0.7
6	☐	1.000		4073826.54		A	0.8
7	☐	1.000		4171923.89		A	0.7
8	☐	1.000		4164337.99		A	0.9

165 Ho (ISTD) [No Gas]

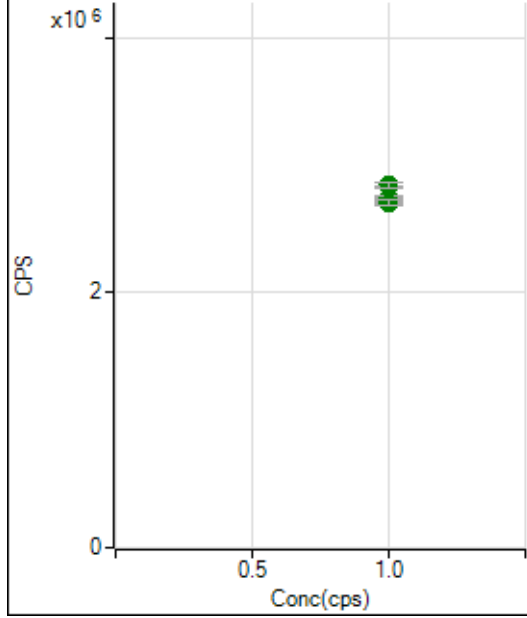
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5492844.50		A	1.4
2	☐	1.000		5460869.43		A	0.7
3	☐	1.000		5493219.43		A	1.3
4	☐	1.000		5581538.18		A	1.0
5	☐	1.000		5721575.13		A	1.8
6	☐	1.000		5631705.75		A	2.4
7	☐	1.000		5988825.54		A	1.3
8	☐	1.000		6075632.13		A	0.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3870271.89		A	0.4
2	☐	1.000		3807065.40		A	0.6
3	☐	1.000		3927263.90		A	0.9
4	☐	1.000		3912909.42		A	1.3
5	☐	1.000		3943696.23		A	0.6
6	☐	1.000		4086223.86		A	0.9
7	☐	1.000		4164712.61		A	1.3
8	☐	1.000		4197202.33		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3260622.90		A	1.0
2	☐	1.000		3247643.18		A	0.6
3	☐	1.000		3294525.64		A	1.5
4	☐	1.000		3373444.81		A	1.6
5	☐	1.000		3379285.99		A	1.1
6	☐	1.000		3375817.38		A	2.7
7	☐	1.000		3546468.80		A	2.5
8	☐	1.000		3333180.47		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2729903.07		A	0.9
2	☐	1.000		2702900.01		A	0.3
3	☐	1.000		2711632.20		A	2.1
4	☐	1.000		2747149.30		A	1.5
5	☐	1.000		2751749.33		A	1.0
6	☐	1.000		2834230.09		A	0.2
7	☐	1.000		2847356.97		A	1.5
8	☐	1.000		2704741.97		A	1.4