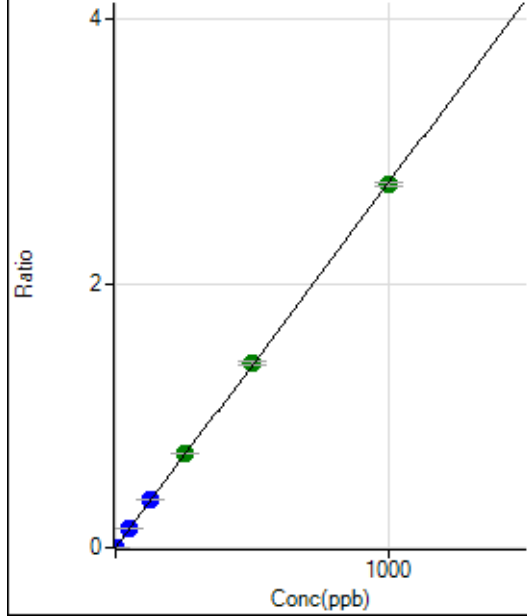


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8040225 MS.b\
Analysis File: P8040225 MS.batch.bin
DA Date-Time: 2025-04-04 00:11:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-04-02 10:16:39
2	005CALS.d	S02	2025-04-02 10:20:01
3	007CALB.d	S03	2025-04-02 10:26:48
4	008CALS.d	S04	2025-04-02 10:29:50
5	009CALS.d	S05	2025-04-02 10:32:41
6	010CALS.d	S06	2025-04-02 10:35:28
7	011CALS.d	S07	2025-04-02 10:38:13
8	012CALS.d	S08	2025-04-02 10:41:04

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	821.17	0.0003	P	4.3
2	☐	1.000	1.133	9594.01	0.0034	P	2.4
3	☐	50.000	53.316	410417.68	0.1476	P	0.4
4	☐	125.000	130.321	978125.54	0.3604	P	0.9
5	☐	250.000	259.354	1918818.40	0.7170	A	0.4
6	☐	500.000	504.404	3625296.01	1.3942	A	1.8
7	☐	1000.000	994.629	7015265.03	2.7489	A	1.1
8	☐			930.75	0.0004	P	5.7

$$y = 0.0028 * x + 2.9862E-004$$

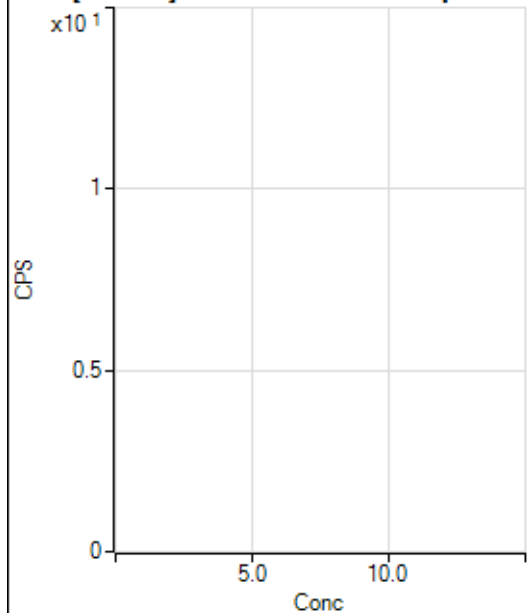
$$R = 0.9999$$

$$DL = 0.0139$$

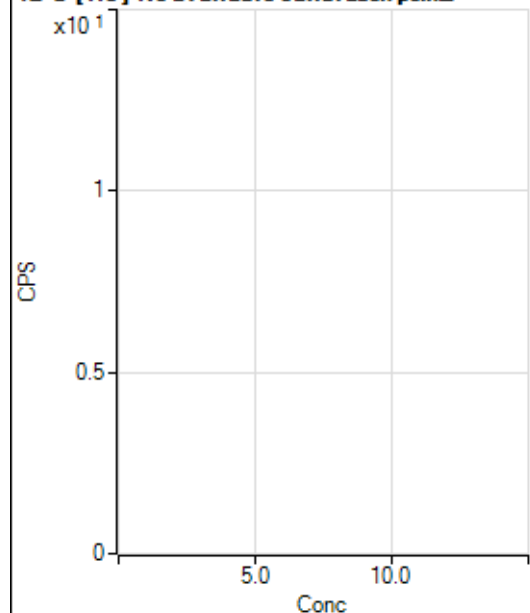
$$BEC = 0.1081$$

Weight: <None>

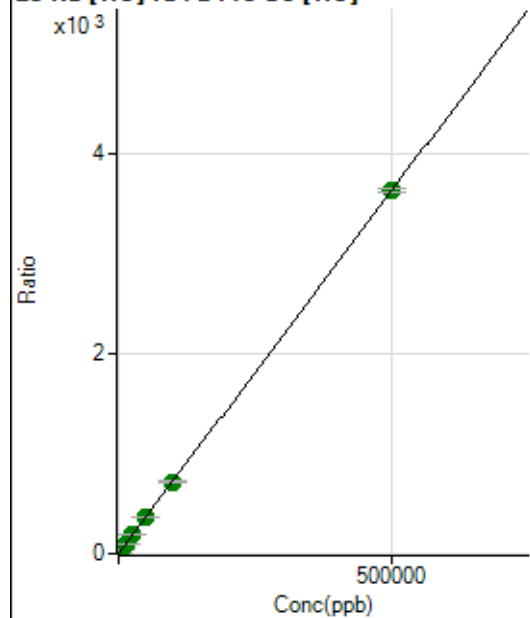
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3869946.23		A	4.5
2	☐			4097424.45		A	4.1
3	☐			4598820.87		A	2.1
4	☐			5047720.41		A	1.0
5	☐			5187230.27		A	1.6
6	☐			5364917.97		A	0.3
7	☐			6116800.60		A	2.6
8	☐			4967463.61		A	0.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			25793.78		P	1.7
2	☐			27365.54		P	1.2
3	☐			30875.77		P	0.8
4	☐			34541.72		P	0.7
5	☐			36342.65		P	0.5
6	☐			39220.01		P	0.3
7	☐			47775.23		P	1.3
8	☐			49963.44		P	0.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	52865.31	0.4049	P	1.6
2	☐	500.000	569.740	592219.51	4.5358	P	0.4
3	☐	5000.000	5364.054	5058176.38	39.2968	A	1.1
4	☐	12500.000	13357.684	12404691.48	97.2542	A	0.7
5	☐	25000.000	26127.829	24413044.36	189.8436	A	0.7
6	☐	50000.000	50977.375	47739207.62	370.0141	A	0.5
7	☐	100000.00	99282.594	96158043.01	720.2488	A	0.9
8	☐	500000.00	499964.20	441778975.64	3,625.3724	A	1.2

$$y = 0.0073 * x + 0.4049$$

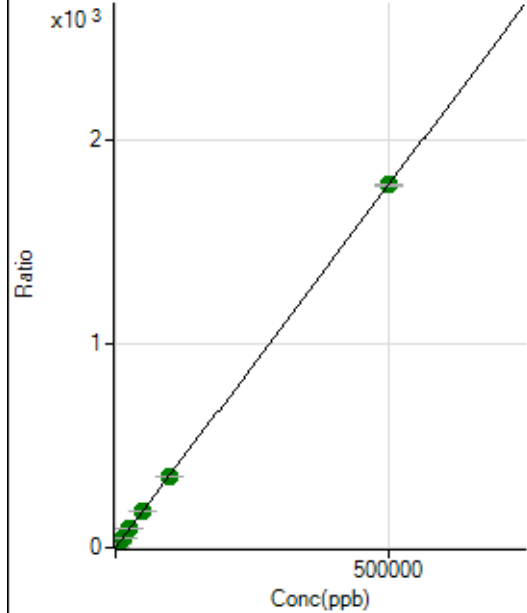
$$R = 1.0000$$

$$DL = 2.672$$

$$BEC = 55.85$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	311.11	0.0024	P	14.3
2	☐	500.000	568.995	264098.88	2.0227	P	2.0
3	☐	5000.000	5425.215	2479848.44	19.2660	A	1.3
4	☐	12500.000	13370.336	6055870.19	47.4772	A	0.8
5	☐	25000.000	26062.075	11900344.54	92.5424	A	1.1
6	☐	50000.000	50676.226	23216144.66	179.9413	A	0.7
7	☐	100000.00	98305.037	46601473.20	349.0595	A	1.1
8	☐	500000.00	500192.18	216440654.55	1,776.0626	A	0.5

$$y = 0.0036 * x + 0.0024$$

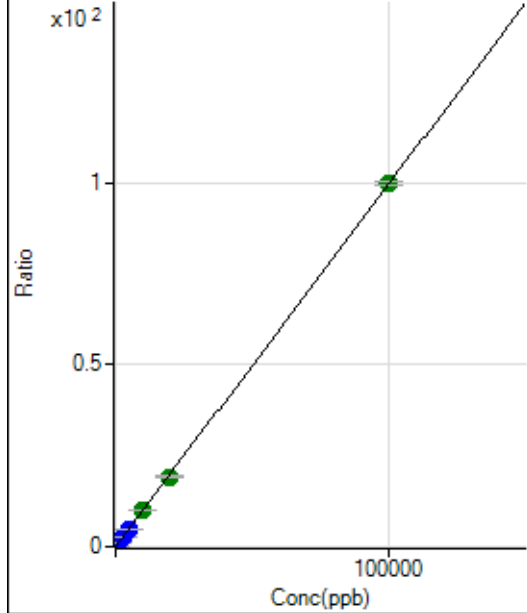
$$R = 1.0000$$

$$DL = 0.288$$

$$BEC = 0.6713$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	270.00	0.0021	P	17.6
2	☐	20.000	20.597	2947.00	0.0226	P	5.5
3	☐	1000.000	1021.493	131169.34	1.0190	P	0.5
4	☐	2500.000	2518.018	320008.75	2.5089	P	0.2
5	☐	5000.000	4974.773	637139.14	4.9547	P	1.2
6	☐	10000.000	9942.908	1277395.07	9.9007	A	1.7
7	☐	20000.000	19256.058	2559604.76	19.1724	A	1.5
8	☐	100000.00	100155.09	12151517.18	99.7114	A	1.1

$$y = 9.9555E-004 * x + 0.0021$$

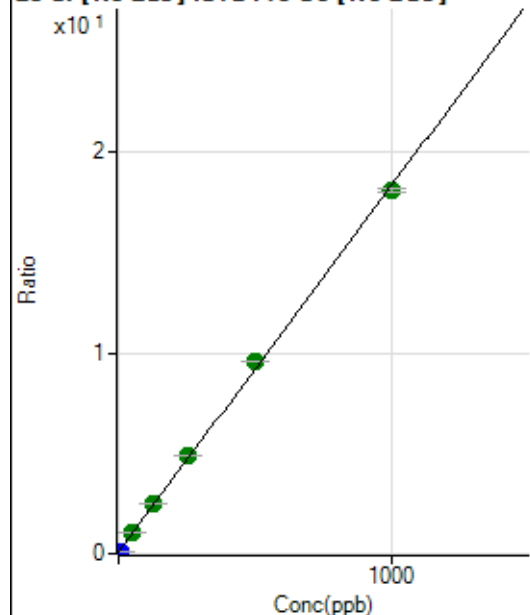
$$R = 1.0000$$

$$DL = 1.097$$

$$BEC = 2.076$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	507303.50	0.0865	P	1.8
2	☐	10.000	1.428	660296.43	0.1126	P	1.8
3	☐	50.000	53.867	6334532.20	1.0692	A	2.4
4	☐	125.000	129.872	14050944.93	2.4557	A	0.5
5	☐	250.000	262.911	28157820.41	4.8827	A	1.8
6	☐	500.000	521.009	55517633.62	9.5910	A	0.6
7	☐	1000.000	985.551	103329177.35	18.0655	A	1.2
8	☐			941451.54	0.1842	P	5.1

$$y = 0.0182 * x + 0.0865$$

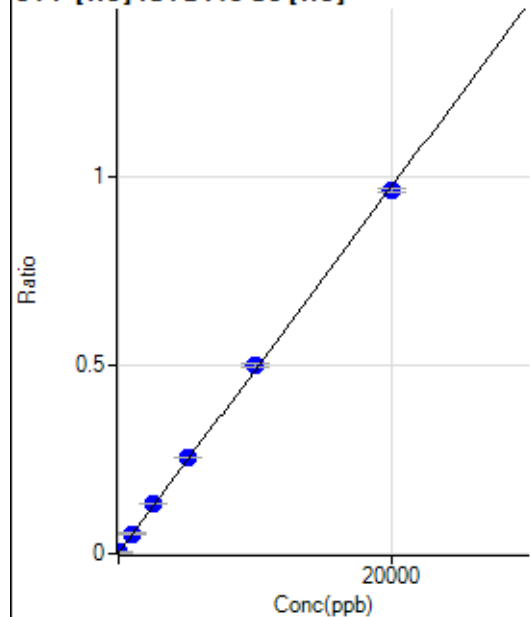
$$R = 0.9995$$

$$DL = 0.2508$$

$$BEC = 4.743$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-17.219	117.78	0.0009	P	22.4
2	☐	0.000	17.219	336.67	0.0026	P	15.0
3	☐	1000.000	1063.524	6888.36	0.0535	P	0.6
4	☐	2500.000	2666.751	16779.80	0.1316	P	0.9
5	☐	5000.000	5237.311	33009.76	0.2567	P	1.1
6	☐	10000.000	10288.854	64840.70	0.5026	P	1.8
7	☐	20000.000	19772.225	128726.45	0.9642	P	1.1
8	☐			154.45	0.0013	P	20.1

$$y = 4.8678E-005 * x + 0.0017$$

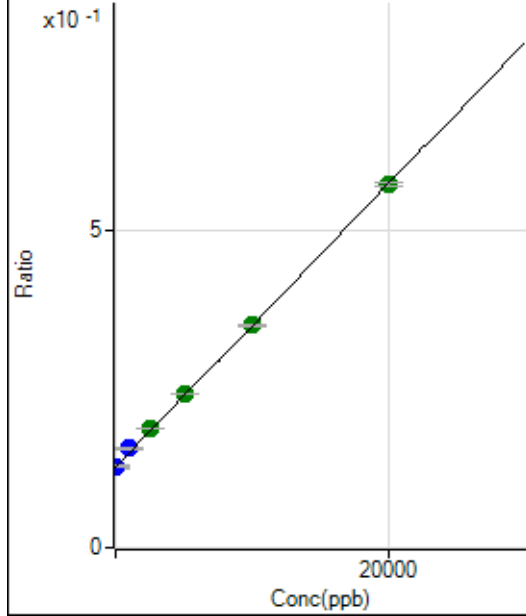
$$R = 0.9997$$

$$DL = 18.14$$

$$BEC = 35.76$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-42.647	739903.64	0.1262	P	0.9
2	☐	0.000	42.647	751317.31	0.1281	P	1.2
3	☐	1000.000	1300.934	925580.86	0.1562	P	1.0
4	☐	2500.000	2719.077	1075069.04	0.1879	A	1.4
5	☐	5000.000	5200.677	1403364.22	0.2433	A	0.5
6	☐	10000.000	9998.542	2029211.04	0.3505	A	0.8
7	☐	20000.000	19908.129	3271503.39	0.5720	A	0.9
8	☐			582434.14	0.1139	P	0.6

$$y = 2.2343\text{E-}005 * x + 0.1271$$

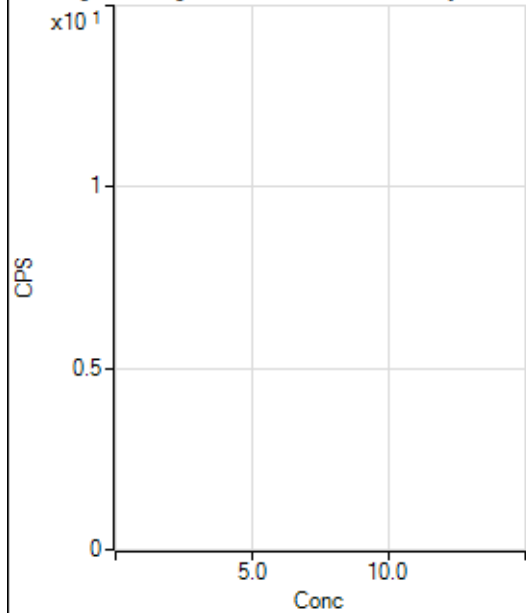
R = 0.9998

DL = 173

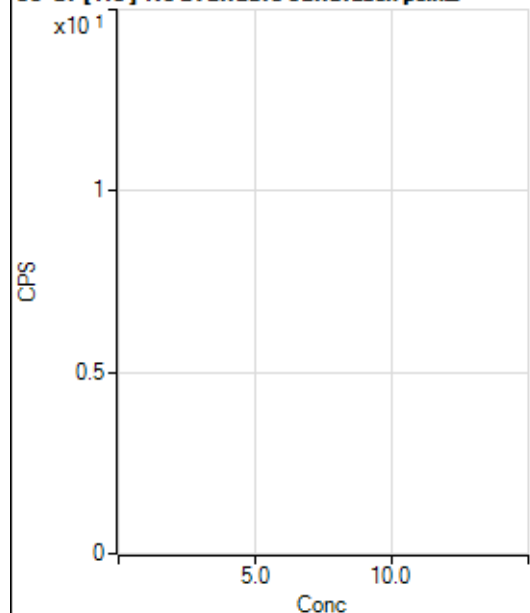
BEC = 5691

Weight: <None>

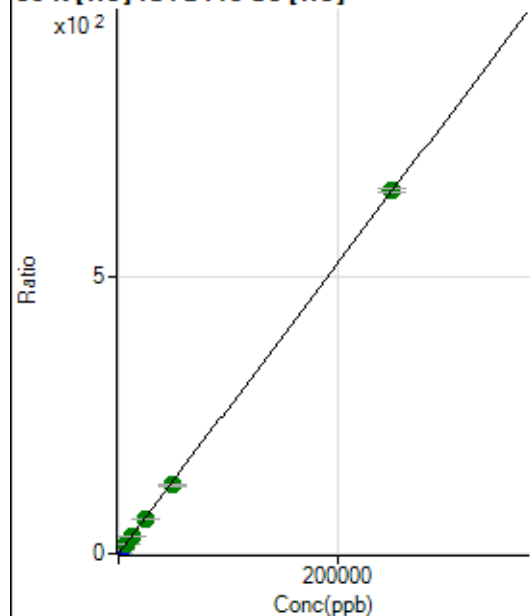
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			161844.48		P	1.0
2	☐			167417.75		P	0.1
3	☐			178028.96		P	0.4
4	☐			204264.26		P	0.5
5	☐			211127.40		P	0.6
6	☐			227731.91		P	0.4
7	☐			287934.02		P	1.6
8	☐			188795.22		P	0.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			771.14		P	8.8
2	☐			762.25		P	1.1
3	☐			838.92		P	7.2
4	☐			921.15		P	4.8
5	☐			953.38		P	5.4
6	☐			1185.62		P	4.7
7	☐			1445.64		P	3.0
8	☐			1126.72		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	17162.51	0.1315	P	2.7
2	☐	500.000	513.639	192541.14	1.4747	P	0.7
3	☐	2500.000	2433.976	836227.44	6.4965	P	0.8
4	☐	6250.000	6290.623	2115115.64	16.5820	A	1.3
5	☐	12500.000	12267.798	4142499.76	32.2129	A	0.2
6	☐	25000.000	24143.566	8163042.79	63.2691	A	0.5
7	☐	50000.000	47176.114	16488483.09	123.5013	A	0.3
8	☐	250000.00	250661.64	79896519.92	655.6344	A	1.2

$$y = 0.0026 * x + 0.1315$$

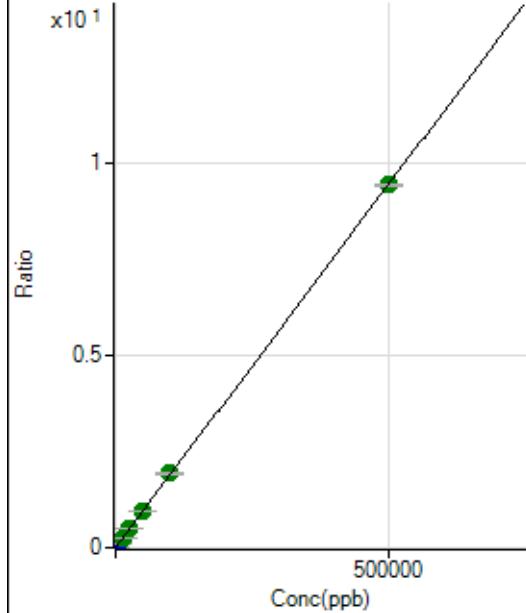
$$R = 0.9999$$

$$DL = 4.13$$

$$BEC = 50.27$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2022.39	0.0003	P	6.0
2	☐	500.000	543.571	62377.76	0.0106	P	2.1
3	☐	5000.000	5120.079	576403.17	0.0973	P	1.3
4	☐	12500.000	13251.652	1437449.94	0.2512	A	0.5
5	☐	25000.000	26049.895	2846133.60	0.4935	A	0.3
6	☐	50000.000	50930.805	5583411.86	0.9646	A	1.0
7	☐	100000.00	102040.01	11051854.97	1.9322	A	0.6
8	☐	500000.00	499426.38	48335521.50	9.4555	A	0.6

$$y = 1.8932\text{E-}005 * x + 3.4494\text{E-}004$$

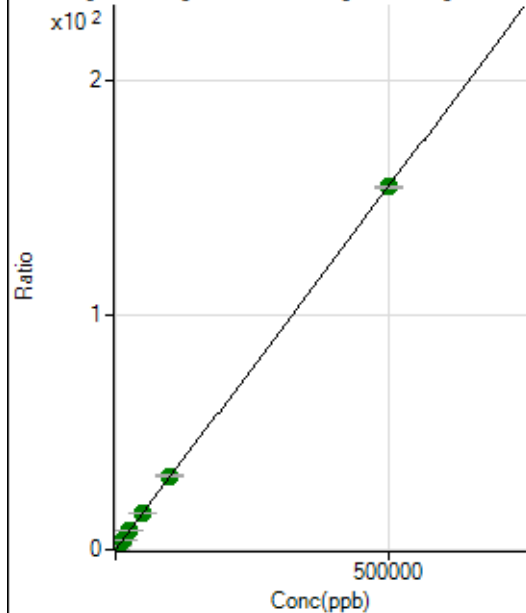
$$R = 1.0000$$

$$DL = 3.266$$

$$BEC = 18.22$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	62782.68	0.0107	P	1.0
2	☐	500.000	541.319	1044663.64	0.1781	P	0.5
3	☐	5000.000	5200.887	9592962.84	1.6191	A	1.6
4	☐	12500.000	12896.722	22881559.38	3.9990	A	0.1
5	☐	25000.000	25979.050	46392274.31	8.0447	A	0.9
6	☐	50000.000	50591.897	90627479.76	15.6561	A	0.5
7	☐	100000.00	101434.00	179478155.10	31.3790	A	1.5
8	☐	500000.00	499593.08	789826077.12	154.5088	A	0.8

$$y = 3.0925\text{E-}004 * x + 0.0107$$

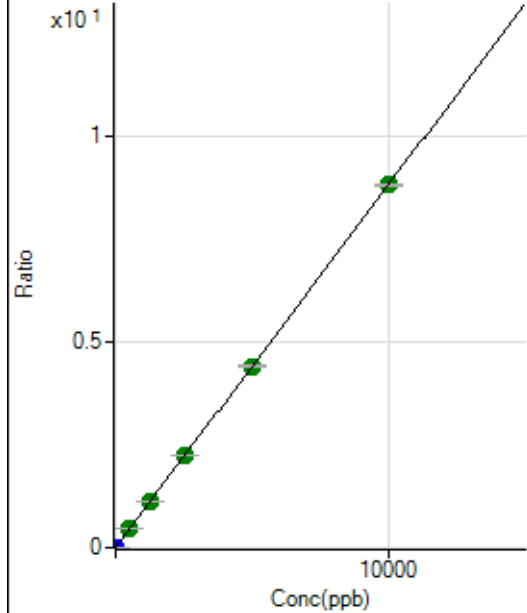
$$R = 1.0000$$

$$DL = 1.064$$

$$BEC = 34.62$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	390.01	0.0001	P	11.4
2	☐	5.000	5.346	28084.18	0.0048	P	0.6
3	☐	500.000	513.811	2689207.61	0.4539	A	1.2
4	☐	1250.000	1252.882	6331462.68	1.1066	A	1.2
5	☐	2500.000	2536.605	12919695.78	2.2404	A	1.2
6	☐	5000.000	4987.447	25497586.56	4.4049	A	1.0
7	☐	10000.000	9996.074	50499662.03	8.8285	A	0.3
8	☐			4302.91	0.0008	P	0.6

$$y = 8.8319\text{E-}004 * x + 6.6511\text{E-}005$$

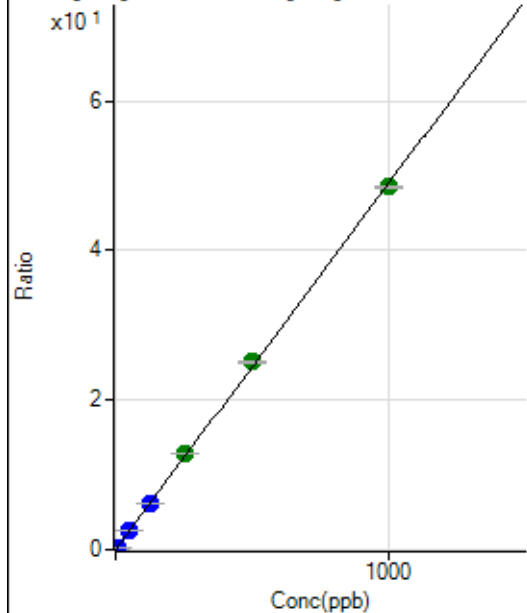
$$R = 1.0000$$

$$DL = 0.02568$$

$$BEC = 0.07531$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	188.89	0.0014	P	14.9
2	☐	5.000	5.438	34957.10	0.2677	P	1.3
3	☐	50.000	50.712	319834.77	2.4848	P	1.1
4	☐	125.000	126.164	788204.53	6.1796	P	0.3
5	☐	250.000	261.150	1644694.38	12.7898	A	0.8
6	☐	500.000	512.115	3235748.18	25.0794	A	1.0
7	☐	1000.000	990.972	6478865.74	48.5286	A	0.8
8	☐			1610.10	0.0132	P	3.4

$$y = 0.0490 * x + 0.0014$$

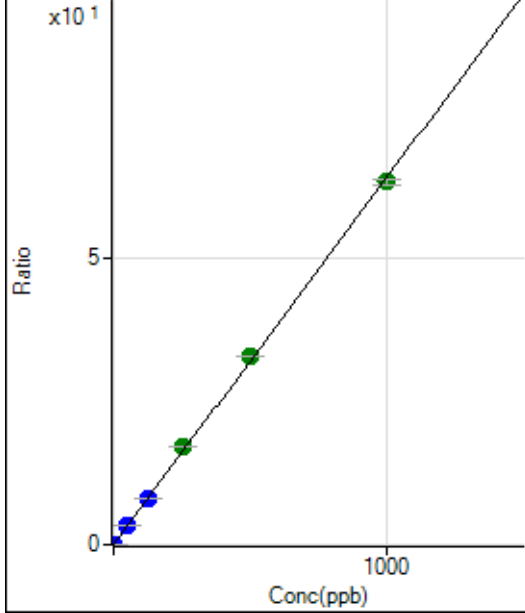
$$R = 0.9998$$

$$DL = 0.01319$$

$$BEC = 0.02956$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1572.33	0.0120	P	1.2
2	☐	2.000	2.239	20274.46	0.1553	P	1.5
3	☐	50.000	51.383	424686.52	3.2994	P	1.3
4	☐	125.000	126.219	1031498.70	8.0872	P	0.5
5	☐	250.000	266.236	2191908.87	17.0451	A	0.7
6	☐	500.000	513.673	4241708.93	32.8754	A	0.6
7	☐	1000.000	988.882	8447891.89	63.2779	A	1.5
8	☐			47879.84	0.3929	P	1.4

$$y = 0.0640 * x + 0.0120$$

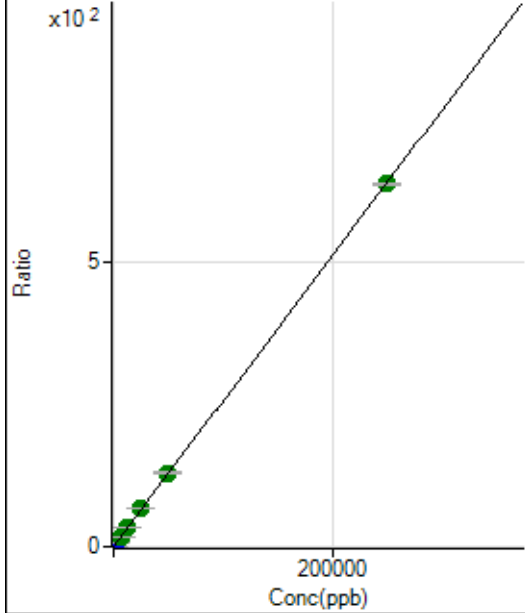
$$R = 0.9997$$

$$DL = 0.006825$$

$$BEC = 0.1882$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	788.92	0.0060	P	6.0
2	☐	50.000	57.984	20073.07	0.1537	P	1.6
3	☐	2500.000	2668.668	875766.07	6.8036	P	0.7
4	☐	6250.000	6926.020	2251011.13	17.6479	A	0.6
5	☐	12500.000	13583.702	4450116.26	34.6063	A	1.2
6	☐	25000.000	26220.212	8617665.57	66.7938	A	0.7
7	☐	50000.000	50638.047	17221248.21	128.9906	A	1.3
8	☐	250000.00	249677.59	77500322.18	635.9814	A	0.8

$$y = 0.0025 * x + 0.0060$$

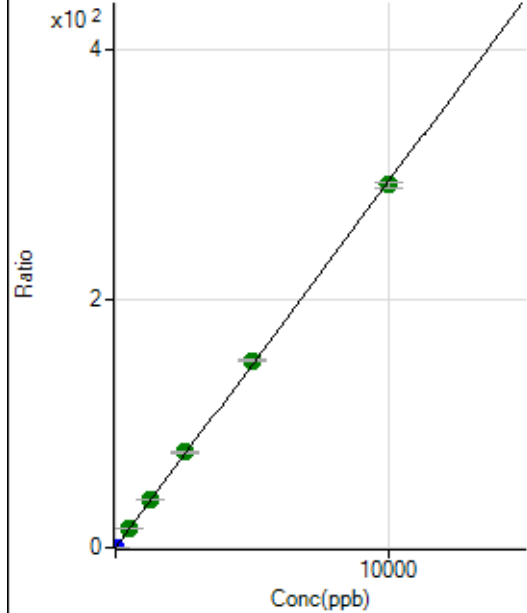
$$R = 1.0000$$

$$DL = 0.43$$

$$BEC = 2.372$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6124.71	0.0469	P	5.1
2	☐	1.000	1.063	10207.23	0.0782	P	2.0
3	☐	500.000	542.291	2059360.25	15.9989	A	1.1
4	☐	1250.000	1318.054	4951583.88	38.8187	A	1.6
5	☐	2500.000	2605.287	9861169.30	76.6839	A	0.7
6	☐	5000.000	5102.651	19372427.91	150.1463	A	1.2
7	☐	10000.000	9911.731	38930991.37	291.6100	A	1.8
8	☐			19673.68	0.1614	P	2.4

$$y = 0.0294 * x + 0.0469$$

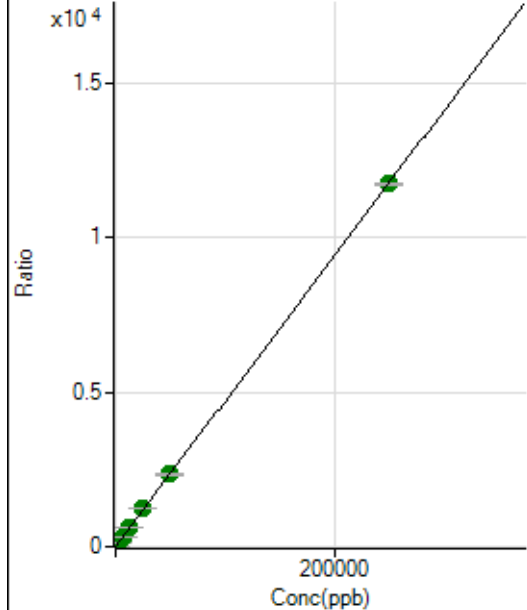
$$R = 0.9999$$

$$DL = 0.2418$$

$$BEC = 1.595$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10430.58	0.0799	P	2.3
2	☐	50.000	55.782	352334.14	2.6985	P	0.8
3	☐	2500.000	2729.882	16506153.78	128.2316	A	0.5
4	☐	6250.000	6738.138	40356978.84	316.3954	A	0.7
5	☐	12500.000	13200.289	79698590.48	619.7549	A	0.6
6	☐	25000.000	25918.470	156994257.66	1,216.7978	A	0.3
7	☐	50000.000	49871.498	312568428.67	2,341.2500	A	1.6
8	☐	250000.00	249884.33	1429505240.9	11,730.662	A	0.7

$$y = 0.0469 * x + 0.0799$$

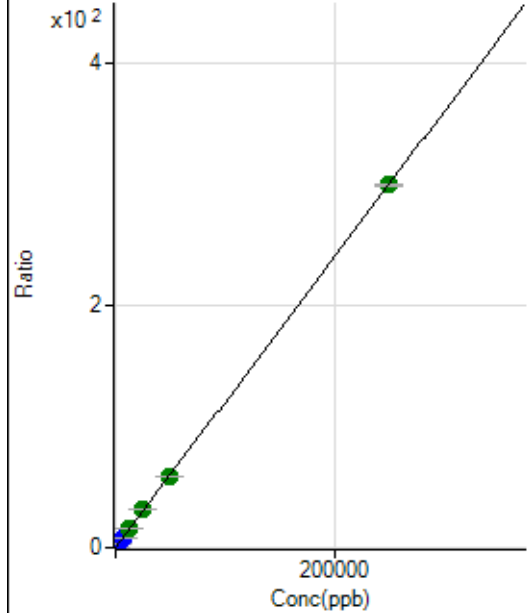
$$R = 1.0000$$

$$DL = 0.1198$$

$$BEC = 1.702$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	248.89	0.0019	P	7.9
2	☐	50.000	53.917	8672.71	0.0664	P	0.9
3	☐	2500.000	2576.355	397074.73	3.0848	P	0.9
4	☐	6250.000	6376.989	973557.91	7.6327	P	0.8
5	☐	12500.000	13158.153	2025005.75	15.7471	A	1.4
6	☐	25000.000	26047.093	4021535.29	31.1701	A	0.8
7	☐	50000.000	49034.690	7833825.23	58.6773	A	1.1
8	☐	250000.00	250051.50	36462796.40	299.2162	A	0.7

$$y = 0.0012 * x + 0.0019$$

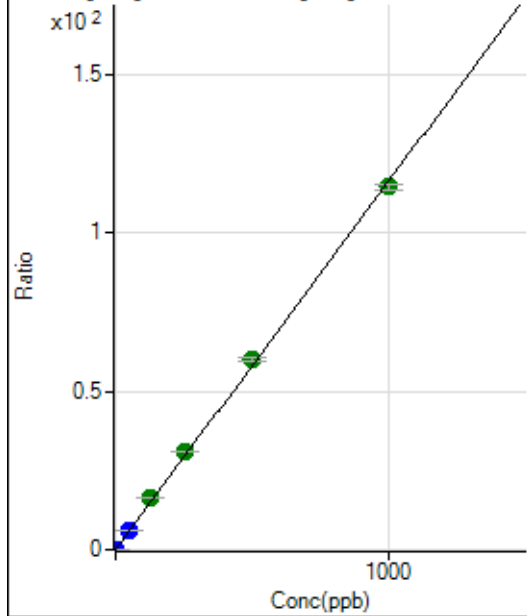
$$R = 1.0000$$

$$DL = 0.3781$$

$$BEC = 1.593$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	910.04	0.0070	P	4.1
2	☐	1.000	1.209	19284.27	0.1477	P	4.6
3	☐	50.000	52.980	794486.11	6.1722	P	0.6
4	☐	125.000	138.856	2061852.35	16.1653	A	0.5
5	☐	250.000	267.000	3996414.35	31.0772	A	1.2
6	☐	500.000	516.925	7761665.23	60.1603	A	1.5
7	☐	1000.000	985.406	15309973.66	114.6762	A	1.5
8	☐			30059.56	0.2467	P	1.5

$$y = 0.1164 * x + 0.0070$$

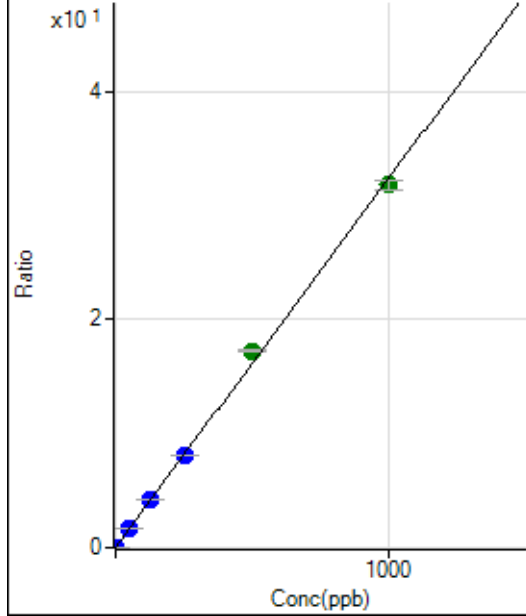
$$R = 0.9996$$

$$DL = 0.007409$$

$$BEC = 0.0599$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	968.93	0.0074	P	5.7
2	☐	1.000	1.156	5852.37	0.0448	P	5.5
3	☐	50.000	52.746	220624.30	1.7140	P	0.7
4	☐	125.000	129.284	534463.46	4.1903	P	0.6
5	☐	250.000	249.147	1037536.48	8.0684	P	1.1
6	☐	500.000	532.691	2224575.85	17.2422	A	0.7
7	☐	1000.000	983.195	4247795.11	31.8179	A	2.5
8	☐			13483.16	0.1106	P	1.0

$$y = 0.0324 * x + 0.0074$$

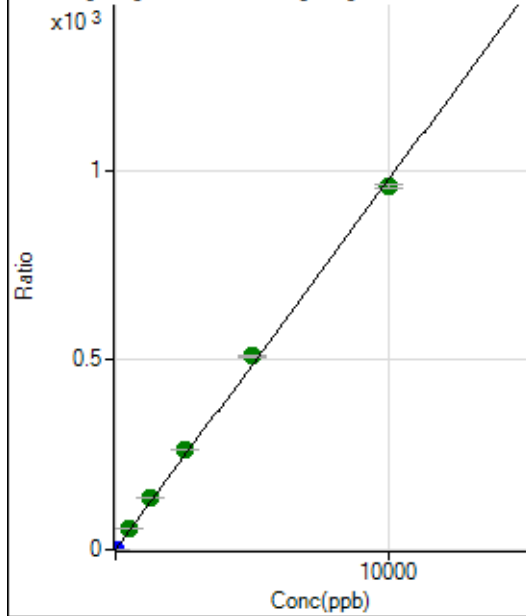
$$R = 0.9992$$

$$DL = 0.0395$$

$$BEC = 0.2293$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2564.70	0.0196	P	2.4
2	☐	2.000	2.152	29963.89	0.2295	P	1.3
3	☐	500.000	569.243	7147209.76	55.5254	A	0.9
4	☐	1250.000	1387.914	17264084.19	135.3524	A	0.7
5	☐	2500.000	2700.352	33862423.66	263.3256	A	0.9
6	☐	5000.000	5234.591	65855817.91	510.4342	A	0.8
7	☐	10000.000	9811.915	127734123.65	956.7600	A	0.9
8	☐			24736.03	0.2030	P	2.4

$$y = 0.0975 * x + 0.0196$$

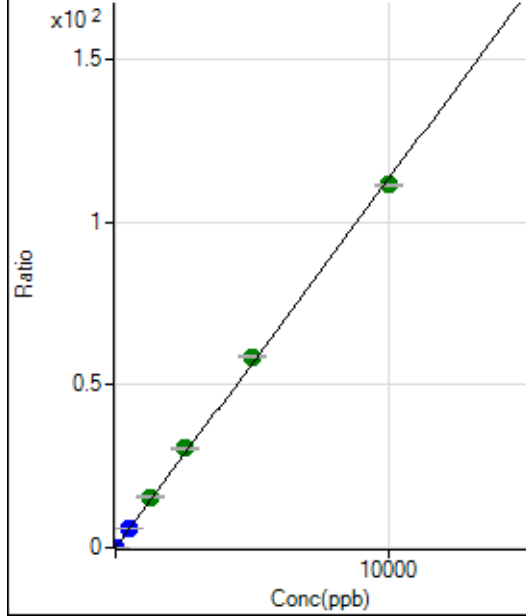
$$R = 0.9993$$

$$DL = 0.01479$$

$$BEC = 0.2015$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2019.05	0.0155	P	1.3
2	☐	2.000	5.104	9556.65	0.0732	P	0.9
3	☐	500.000	530.560	774385.82	6.0159	P	0.6
4	☐	1250.000	1379.641	1992192.33	15.6186	A	2.0
5	☐	2500.000	2691.236	3916038.90	30.4522	A	0.8
6	☐	5000.000	5181.065	7561918.15	58.6111	A	0.9
7	☐	10000.000	9843.925	14865515.20	111.3461	A	0.4
8	☐			27730.52	0.2276	P	0.8

$$y = 0.0113 * x + 0.0155$$

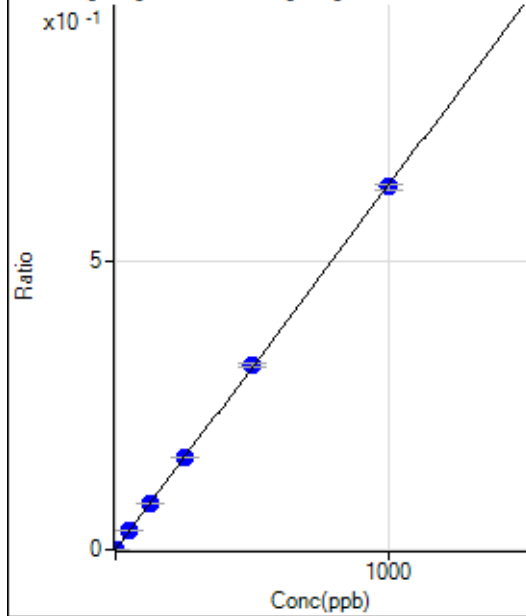
$$R = 0.9995$$

$$DL = 0.05288$$

$$BEC = 1.367$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	31.11	0.0000	P	32.3
2	☐	1.000	1.200	1005.60	0.0008	P	9.5
3	☐	50.000	51.850	41049.59	0.0327	P	1.9
4	☐	125.000	127.945	100817.07	0.0808	P	0.6
5	☐	250.000	254.251	199381.39	0.1604	P	0.4
6	☐	500.000	506.508	395720.89	0.3196	P	1.2
7	☐	1000.000	995.222	784046.82	0.6280	P	1.3
8	☐			447.79	0.0004	P	9.5

$$y = 6.3096E-004 * x + 2.4503E-005$$

$$R = 1.0000$$

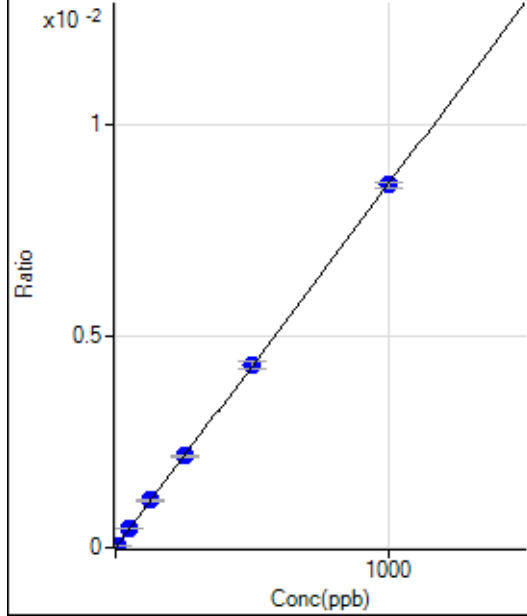
$$DL = 0.03767$$

$$BEC = 0.03883$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.717	74.44	0.0001	P	10.6
3	☐	50.000	53.032	572.24	0.0005	P	9.1
4	☐	125.000	129.982	1396.75	0.0011	P	3.7
5	☐	250.000	252.077	2695.84	0.0022	P	1.1
6	☐	500.000	501.853	5348.85	0.0043	P	4.8
7	☐	1000.000	997.771	10723.06	0.0086	P	1.5
8	☐			7.78	0.0000	P	65.5

$$y = 8.6062\text{E-}006 * x + 0.0000\text{E}+000$$

$$R = 1.0000$$

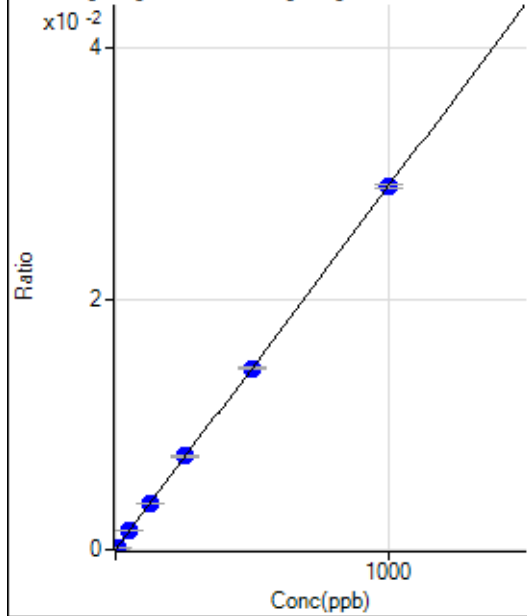
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0000	P	40.1
2	☐	5.000	6.124	245.56	0.0002	P	16.1
3	☐	50.000	51.993	1905.71	0.0015	P	5.6
4	☐	125.000	127.931	4643.03	0.0037	P	1.8
5	☐	250.000	257.178	9274.26	0.0075	P	1.7
6	☐	500.000	499.558	17935.95	0.0145	P	1.8
7	☐	1000.000	997.955	36115.21	0.0289	P	1.1
8	☐			47.78	0.0000	P	30.9

$$y = 2.8969\text{E-}005 * x + 1.3139\text{E-}005$$

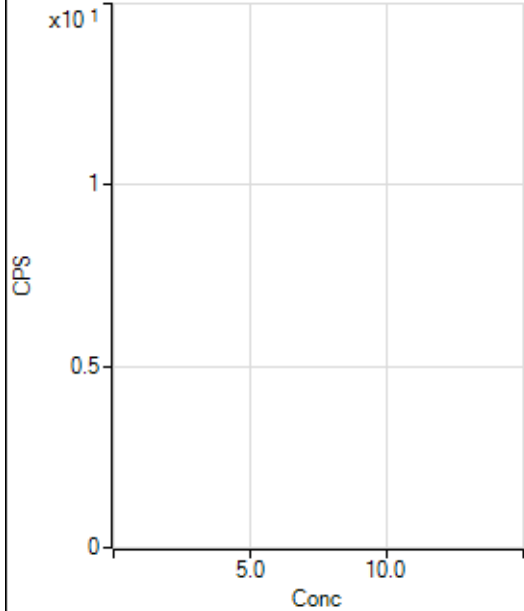
$$R = 1.0000$$

$$DL = 0.5459$$

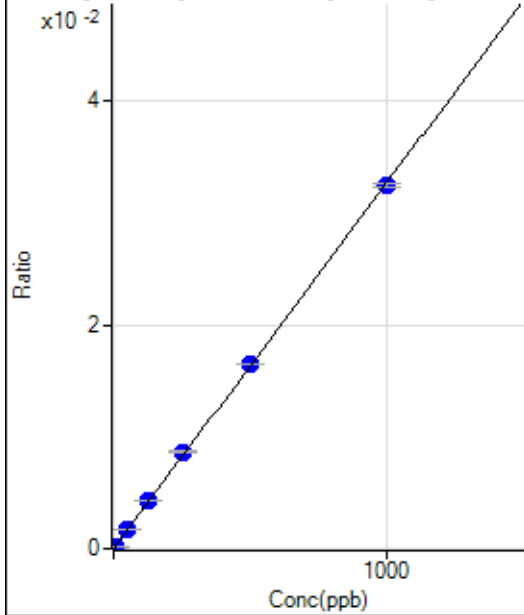
$$BEC = 0.4535$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			17919.34		P	1.6
2	☐			18134.07		P	1.1
3	☐			18461.14		P	0.5
4	☐			18060.59		P	1.9
5	☐			18216.42		P	1.9
6	☐			18220.86		P	1.8
7	☐			18201.94		P	0.7
8	☐			18258.63		P	3.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-6.67	0.0000	P	-661.
2	☐	5.000	5.518	2958.22	0.0002	P	4.1
3	☐	50.000	53.363	28866.17	0.0017	P	0.2
4	☐	125.000	129.933	69078.80	0.0042	P	1.3
5	☐	250.000	264.186	140365.91	0.0086	P	2.1
6	☐	500.000	506.382	270233.33	0.0165	P	0.3
7	☐	1000.000	992.475	521508.49	0.0324	P	1.0
8	☐			243.35	0.0000	P	36.3

$$y = 3.2646E-005 * x - 3.9898E-007$$

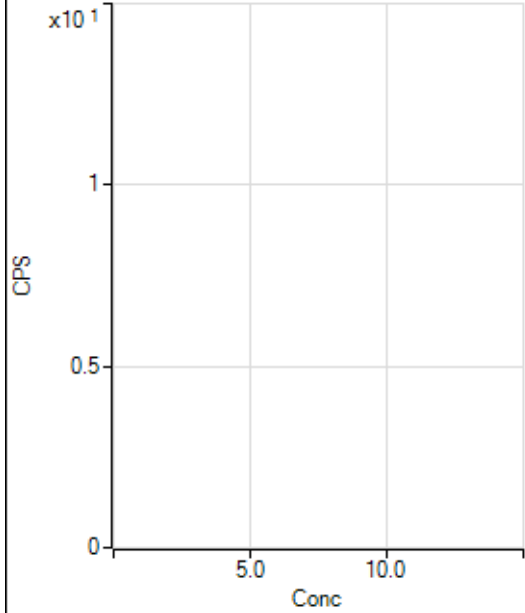
$$R = 0.9999$$

$$DL = 0.2424$$

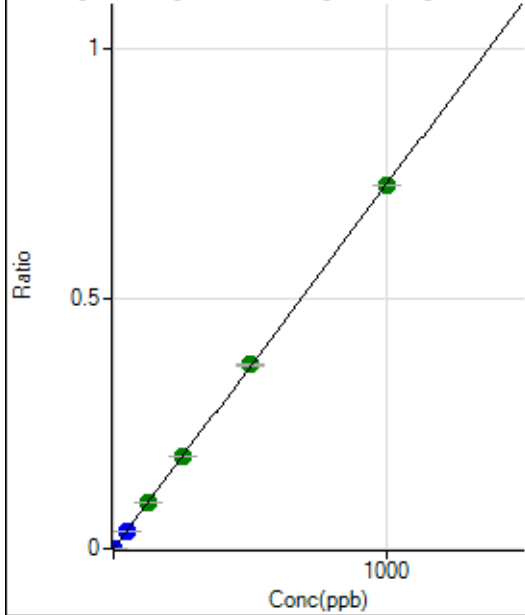
$$BEC = -0.01222$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			451.12		P	7.4
2	☐			436.68		P	16.6
3	☐			430.01		P	6.6
4	☐			438.90		P	5.1
5	☐			383.34		P	10.9
6	☐			412.23		P	4.0
7	☐			447.79		P	6.8
8	☐			494.46		P	14.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	701.13	0.0000	P	1.4
2	☐	1.000	1.051	13294.19	0.0008	P	0.3
3	☐	50.000	47.871	578296.71	0.0349	P	1.6
4	☐	125.000	128.425	1523522.55	0.0935	A	0.8
5	☐	250.000	254.273	3013939.19	0.1852	A	0.6
6	☐	500.000	504.944	6010362.76	0.3677	A	0.7
7	☐	1000.000	996.138	11674814.97	0.7253	A	0.0
8	☐			33124.80	0.0023	P	1.7

$$y = 7.2806E-004 * x + 4.2768E-005$$

$$R = 1.0000$$

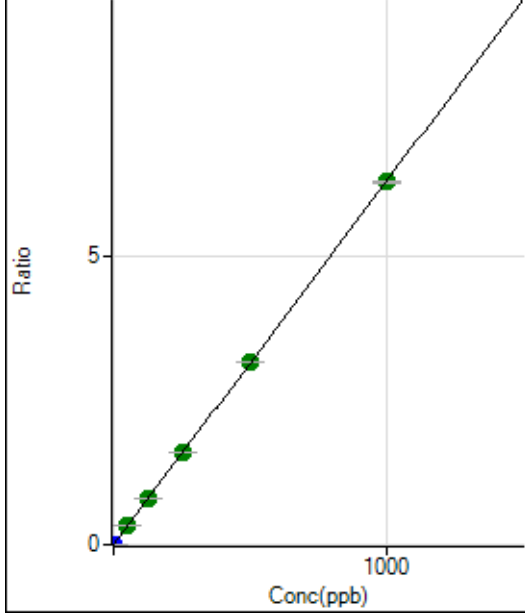
$$DL = 0.002415$$

$$BEC = 0.05874$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	666.69	0.0000	P	12.1
2	☐	1.000	1.055	110232.89	0.0067	P	1.1
3	☐	50.000	51.021	5336522.80	0.3220	A	1.2
4	☐	125.000	126.624	13014471.47	0.7991	A	0.6
5	☐	250.000	253.138	26000440.44	1.5974	A	0.5
6	☐	500.000	501.615	51744952.01	3.1654	A	0.7
7	☐	1000.000	998.154	101390956.27	6.2987	A	0.2
8	☐			285095.23	0.0197	P	0.5

$$y = 0.0063 * x + 4.0736E-005$$

$$R = 1.0000$$

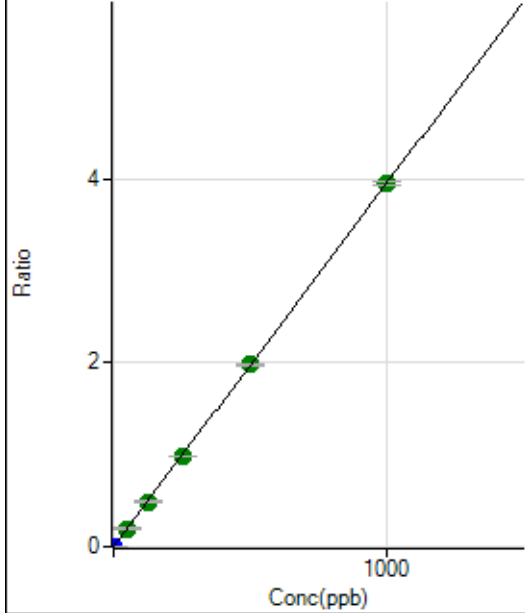
$$DL = 0.002344$$

$$BEC = 0.006455$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	957.82	0.0001	P	5.2
2	☐	1.000	1.007	66510.98	0.0040	P	0.2
3	☐	50.000	50.241	3292496.24	0.1987	A	2.1
4	☐	125.000	124.085	7990468.29	0.4906	A	0.8
5	☐	250.000	250.434	16115530.59	0.9901	A	0.7
6	☐	500.000	501.302	32398015.07	1.9819	A	0.5
7	☐	1000.000	999.343	63596120.16	3.9508	A	1.1
8	☐			26238.07	0.0018	P	1.6

$$y = 0.0040 * x + 5.8470E-005$$

$$R = 1.0000$$

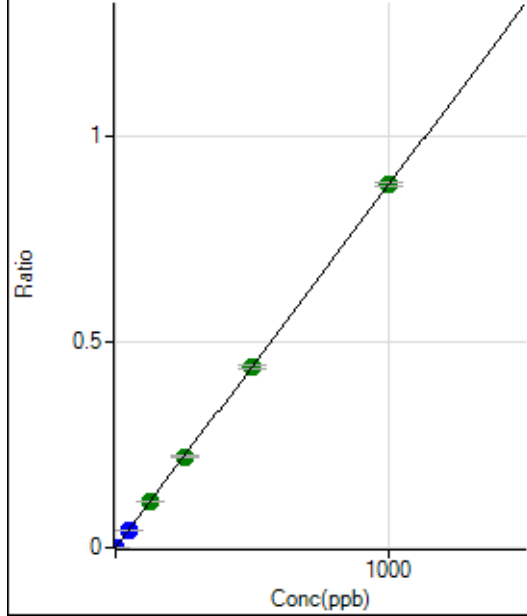
$$DL = 0.00232$$

$$BEC = 0.01479$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	170.00	0.0000	P	8.4
2	☐	1.000	1.014	14891.38	0.0009	P	0.8
3	☐	50.000	47.559	695519.26	0.0420	P	1.2
4	☐	125.000	125.789	1807617.42	0.1110	A	1.5
5	☐	250.000	251.332	3609266.58	0.2217	A	0.8
6	☐	500.000	498.595	7190936.56	0.4399	A	1.6
7	☐	1000.000	1000.393	14206652.57	0.8826	A	0.9
8	☐			5843.50	0.0004	P	0.9

$$y = 8.8225\text{E-}004 * x + 1.0364\text{E-}005$$

$$R = 1.0000$$

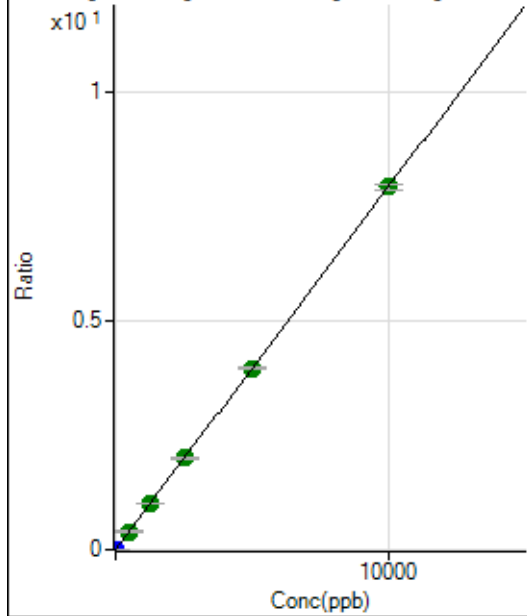
$$DL = 0.002955$$

$$BEC = 0.01175$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	665.58	0.0000	P	3.3
2	☐	5.000	6.033	79462.95	0.0048	P	0.5
3	☐	500.000	502.169	6604981.57	0.3985	A	0.9
4	☐	1250.000	1251.144	16171295.04	0.9929	A	0.7
5	☐	2500.000	2518.077	32525457.85	1.9983	A	0.5
6	☐	5000.000	5001.254	64879052.92	3.9689	A	1.1
7	☐	10000.000	9994.602	127663584.77	7.9315	A	1.4
8	☐			22054.38	0.0015	P	2.6

$$y = 7.9357\text{E-}004 * x + 4.0598\text{E-}005$$

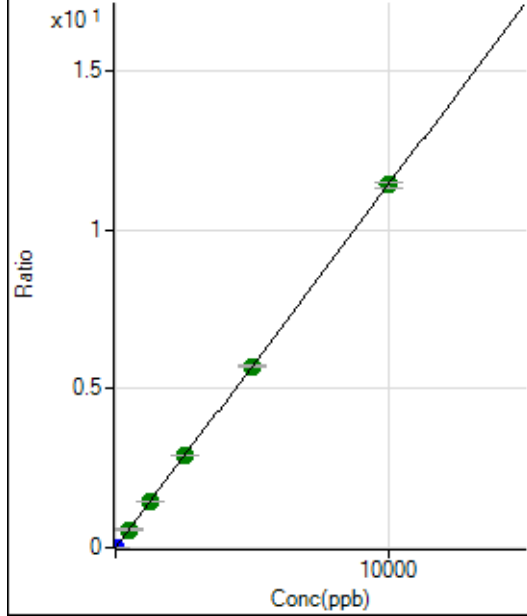
$$R = 1.0000$$

$$DL = 0.005035$$

$$BEC = 0.05116$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	665.58	0.0000	P	8.1
2	☐	5.000	5.082	96262.46	0.0058	P	1.5
3	☐	500.000	500.989	9489133.26	0.5726	A	1.5
4	☐	1250.000	1257.234	23402334.65	1.4369	A	0.7
5	☐	2500.000	2532.420	47108863.19	2.8943	A	0.3
6	☐	5000.000	4992.058	93264410.83	5.7053	A	0.9
7	☐	10000.000	9994.912	183861006.15	11.4229	A	1.5
8	☐			22401.46	0.0016	P	1.5

$$y = 0.0011 * x + 4.0596E-005$$

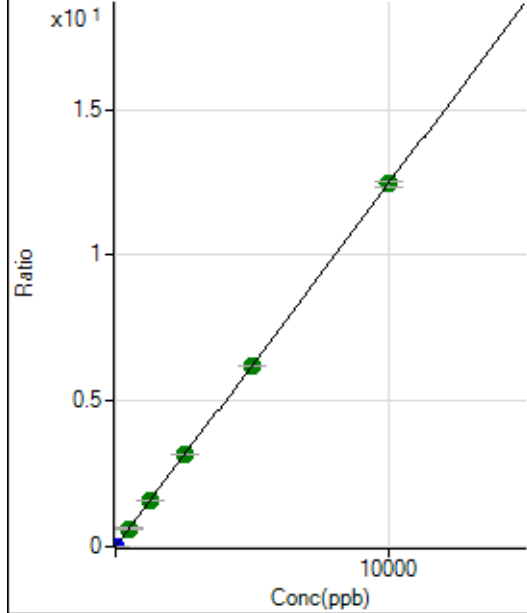
$$R = 1.0000$$

$$DL = 0.008656$$

$$BEC = 0.03552$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	695.58	0.0000	P	8.0
2	☐	5.000	5.144	106052.09	0.0064	P	1.2
3	☐	500.000	502.424	10361814.29	0.6252	A	1.3
4	☐	1250.000	1265.124	25640544.06	1.5743	A	0.3
5	☐	2500.000	2531.870	51281237.57	3.1506	A	0.3
6	☐	5000.000	4985.575	101415474.04	6.2039	A	0.5
7	☐	10000.000	9997.233	200239374.79	12.4403	A	1.3
8	☐			32944.62	0.0023	P	2.2

$$y = 0.0012 * x + 4.2479E-005$$

$$R = 1.0000$$

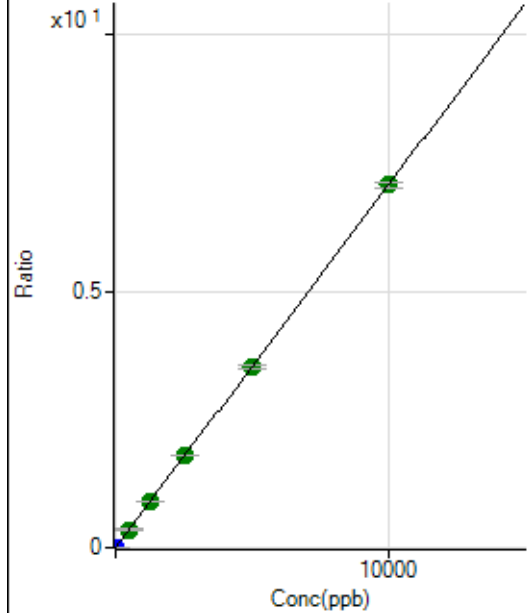
$$DL = 0.00822$$

$$BEC = 0.03414$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	430.01	0.0000	P	3.9
2	☐	5.000	5.092	59724.39	0.0036	P	1.3
3	☐	500.000	502.543	5893208.87	0.3556	A	1.9
4	☐	1250.000	1255.438	14468163.67	0.8883	A	0.4
5	☐	2500.000	2528.786	29123760.96	1.7893	A	0.8
6	☐	5000.000	4982.662	57633098.03	3.5256	A	1.1
7	☐	10000.000	10000.666	113896921.64	7.0762	A	1.4
8	☐			12991.73	0.0009	P	4.0

$$y = 7.0757\text{E-}004 * x + 2.6244\text{E-}005$$

$$R = 1.0000$$

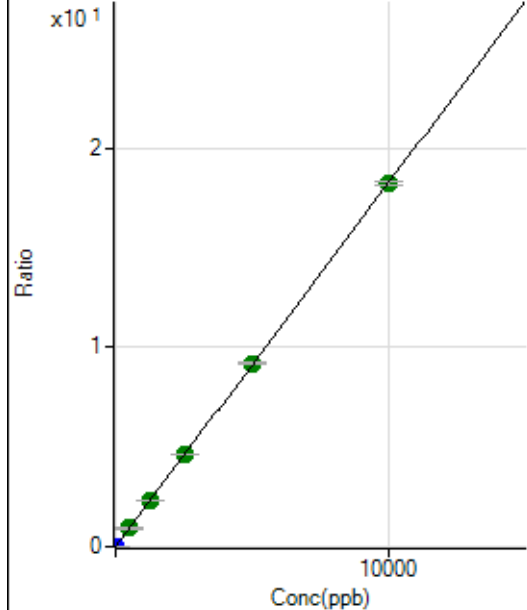
$$DL = 0.004322$$

$$BEC = 0.03709$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	992.27	0.0001	P	6.5
2	☐	5.000	5.115	154830.53	0.0094	P	1.5
3	☐	500.000	505.056	15296290.88	0.9229	A	1.4
4	☐	1250.000	1264.627	37636845.27	2.3109	A	0.3
5	☐	2500.000	2536.947	75454710.54	4.6358	A	0.8
6	☐	5000.000	5029.063	150221934.43	9.1896	A	0.8
7	☐	10000.000	9974.151	293368988.96	18.2256	A	1.0
8	☐			31622.71	0.0022	P	2.3

$$y = 0.0018 * x + 6.0520\text{E-}005$$

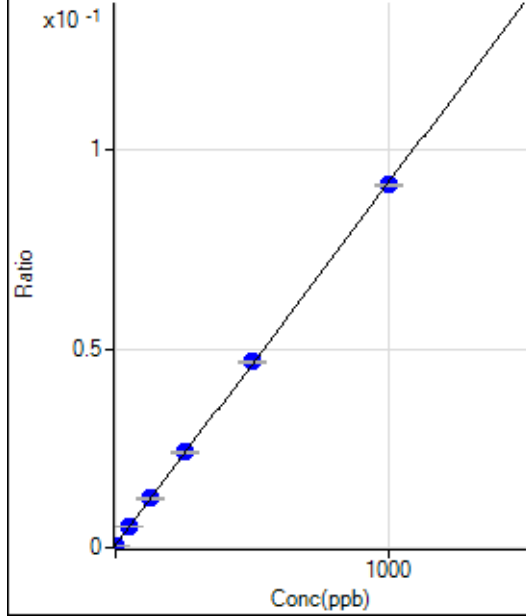
$$R = 1.0000$$

$$DL = 0.006428$$

$$BEC = 0.03312$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6300.40	0.0006	P	1.6
2	☐	1.000	1.091	7466.54	0.0007	P	1.2
3	☐	50.000	53.447	59295.67	0.0055	P	1.9
4	☐	125.000	129.299	134275.68	0.0124	P	1.4
5	☐	250.000	257.179	261506.81	0.0240	P	1.0
6	☐	500.000	506.548	506766.99	0.0468	P	0.5
7	☐	1000.000	994.221	976400.65	0.0913	P	0.4
8	☐			5814.61	0.0006	P	1.3

$$y = 9.1224\text{E-}005 * x + 5.8387\text{E-}004$$

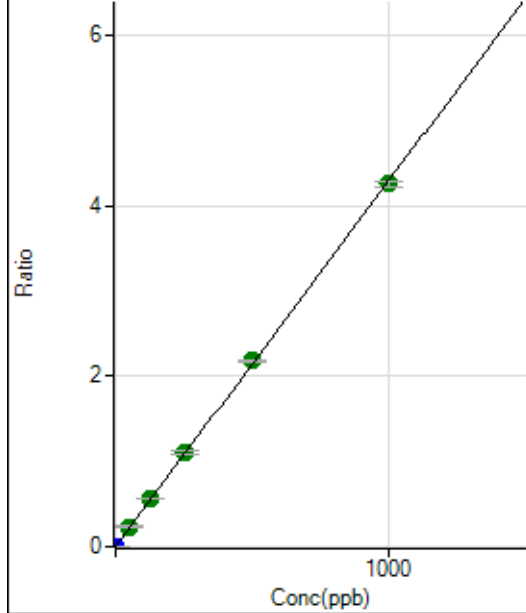
$$R = 0.9999$$

$$DL = 0.3132$$

$$BEC = 6.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	125.56	0.0000	P	35.3
2	☐	1.000	1.002	47034.42	0.0043	P	1.8
3	☐	50.000	55.071	2562788.29	0.2360	A	1.9
4	☐	125.000	132.900	6176586.02	0.5694	A	0.6
5	☐	250.000	259.628	12093819.68	1.1124	A	3.8
6	☐	500.000	507.733	23559937.98	2.1754	A	0.3
7	☐	1000.000	992.486	45486198.77	4.2523	A	1.4
8	☐			3860.58	0.0004	P	11.6

$$y = 0.0043 * x + 1.1646\text{E-}005$$

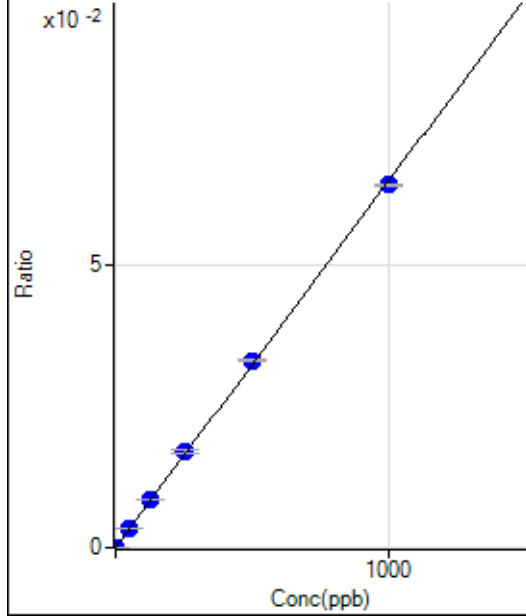
$$R = 0.9999$$

$$DL = 0.002878$$

$$BEC = 0.002718$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.00	0.0000	P	22.6
2	☐	1.000	1.143	838.92	0.0001	P	3.5
3	☐	50.000	53.842	37884.22	0.0035	P	0.3
4	☐	125.000	132.449	93016.49	0.0086	P	0.4
5	☐	250.000	262.514	184742.24	0.0170	P	4.2
6	☐	500.000	511.449	358526.09	0.0331	P	0.4
7	☐	1000.000	990.024	685439.05	0.0641	P	0.8
8	☐			288.89	0.0000	P	15.8

$$y = 6.4723\text{E-}005 * x + 2.7814\text{E-}006$$

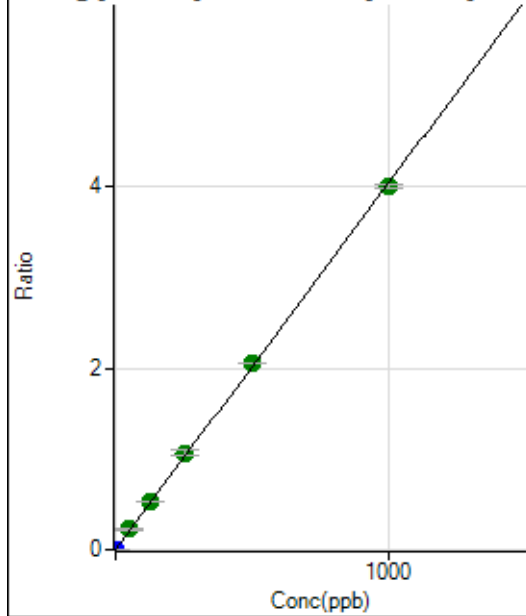
$$R = 0.9998$$

$$DL = 0.02911$$

$$BEC = 0.04297$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	64.44	0.0000	P	28.0
2	☐	1.000	1.017	44919.70	0.0041	P	1.7
3	☐	50.000	55.203	2421444.10	0.2230	A	2.2
4	☐	125.000	132.921	5822887.62	0.5368	A	1.2
5	☐	250.000	264.698	11621071.91	1.0690	A	4.6
6	☐	500.000	510.042	22308702.72	2.0599	A	0.6
7	☐	1000.000	990.054	42769803.25	3.9985	A	1.0
8	☐			3572.73	0.0004	P	13.3

$$y = 0.0040 * x + 5.9672\text{E-}006$$

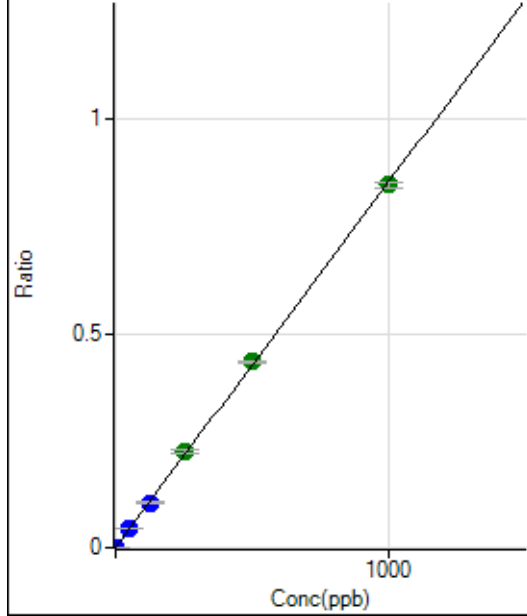
$$R = 0.9998$$

$$DL = 0.001239$$

$$BEC = 0.001478$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4620.40	0.0004	P	1.7
2	☐	1.000	1.095	14882.14	0.0014	P	3.0
3	☐	50.000	50.400	471477.69	0.0434	P	0.5
4	☐	125.000	123.109	1143347.01	0.1054	P	1.0
5	☐	250.000	262.332	2436922.44	0.2241	A	3.1
6	☐	500.000	509.204	4707235.06	0.4346	A	0.8
7	☐	1000.000	992.531	9057680.41	0.8468	A	1.7
8	☐			5165.85	0.0006	P	1.4

$$y = 8.5274\text{E-}004 * x + 4.2819\text{E-}004$$

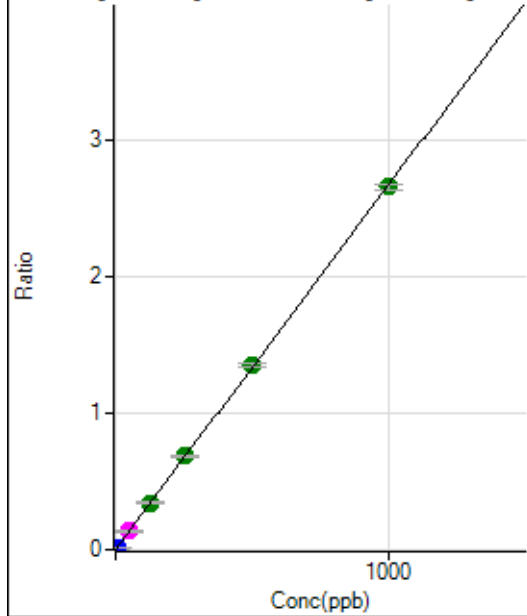
$$R = 0.9998$$

$$DL = 0.02596$$

$$BEC = 0.5021$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5709.25	0.0005	P	13.1
2	☐	5.000	5.272	159903.99	0.0146	P	1.3
3	☐	50.000	50.028	1459655.20	0.1344	M	2.7
4	☐	125.000	128.711	3741146.16	0.3449	A	1.4
5	☐	250.000	256.175	7458256.70	0.6860	A	3.1
6	☐	500.000	506.099	14670940.76	1.3547	A	1.2
7	☐	1000.000	994.940	28479880.13	2.6626	A	1.8
8	☐			9093.09	0.0010	P	1.8

$$y = 0.0027 * x + 5.2881\text{E-}004$$

$$R = 0.9999$$

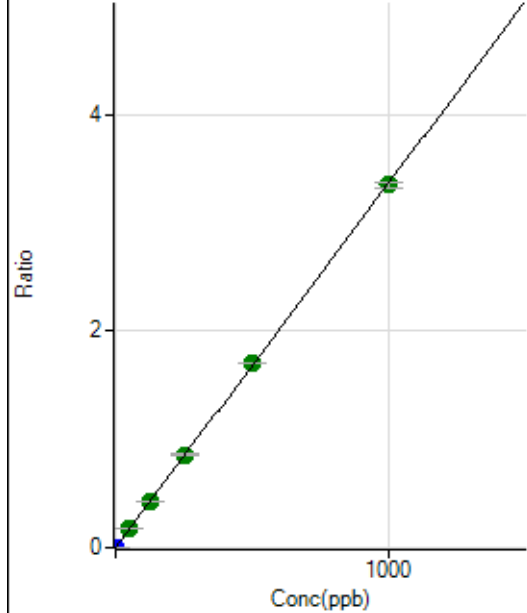
$$DL = 0.07796$$

$$BEC = 0.1976$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	121.11	0.0000	P	14.7
2	☐	2.000	2.076	76498.95	0.0070	P	1.5
3	☐	50.000	52.406	1916833.72	0.1765	A	1.7
4	☐	125.000	128.594	4697266.25	0.4330	A	0.5
5	☐	250.000	254.323	9312552.15	0.8564	A	2.5
6	☐	500.000	505.404	18432195.84	1.7019	A	0.4
7	☐	1000.000	995.648	35862917.24	3.3528	A	1.3
8	☐			14501.12	0.0015	P	4.9

$$y = 0.0034 * x + 1.1219E-005$$

$$R = 1.0000$$

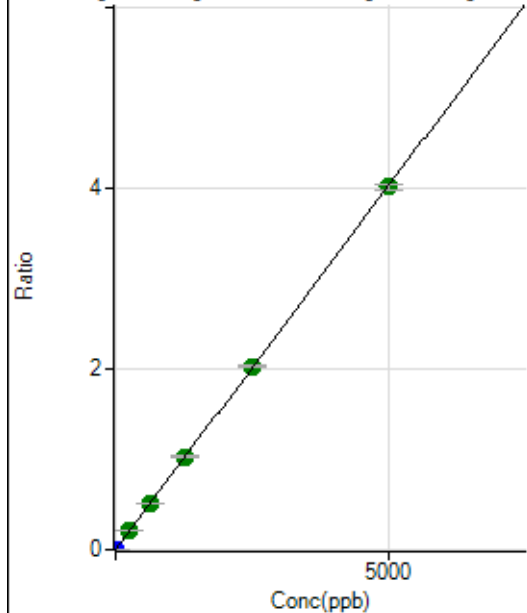
$$DL = 0.001465$$

$$BEC = 0.003332$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	604.46	0.0001	P	10.5
2	☐	10.000	10.154	89867.62	0.0082	P	0.5
3	☐	250.000	261.013	2281189.95	0.2100	A	1.7
4	☐	625.000	628.615	5485716.44	0.5058	A	1.4
5	☐	1250.000	1273.307	11138887.89	1.0244	A	2.5
6	☐	2500.000	2516.055	21920409.39	2.0241	A	1.2
7	☐	5000.000	4985.143	42897039.92	4.0104	A	1.6
8	☐			14554.58	0.0016	P	0.1

$$y = 8.0446E-004 * x + 5.6045E-005$$

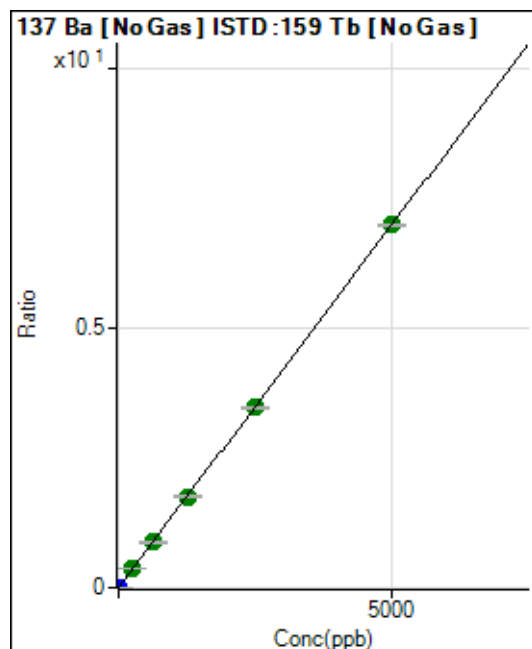
$$R = 1.0000$$

$$DL = 0.02202$$

$$BEC = 0.06967$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	971.16	0.0001	P	4.6
2	☐	10.000	10.146	155510.16	0.0142	P	1.5
3	☐	250.000	257.320	3896879.39	0.3588	A	1.9
4	☐	625.000	626.513	9473964.65	0.8734	A	1.3
5	☐	1250.000	1258.235	19077288.88	1.7541	A	1.0
6	☐	2500.000	2486.980	37545064.72	3.4669	A	1.5
7	☐	5000.000	5003.896	74614497.78	6.9755	A	0.5
8	☐			26009.49	0.0028	P	0.3

$$y = 0.0014 * x + 8.9988E-005$$

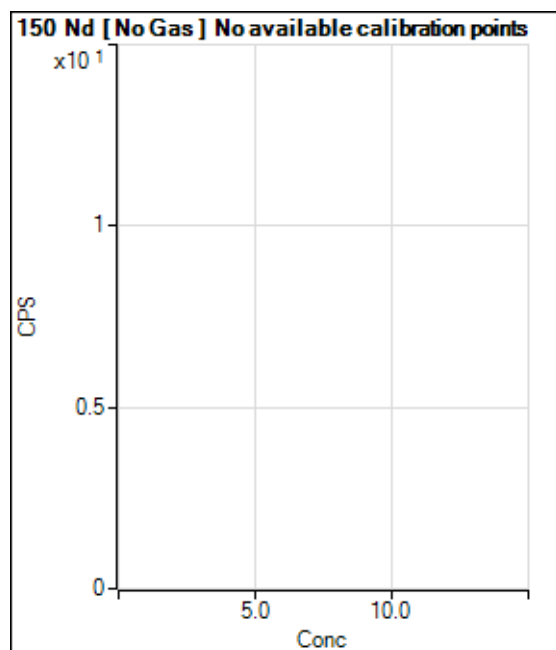
$$R = 1.0000$$

$$DL = 0.008988$$

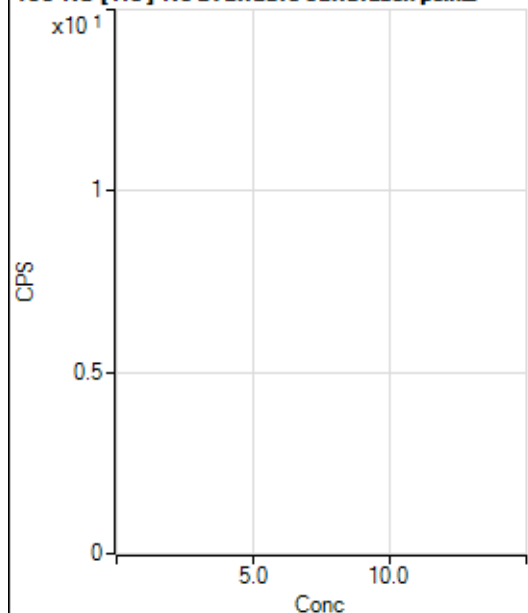
$$BEC = 0.06455$$

Weight: <None>

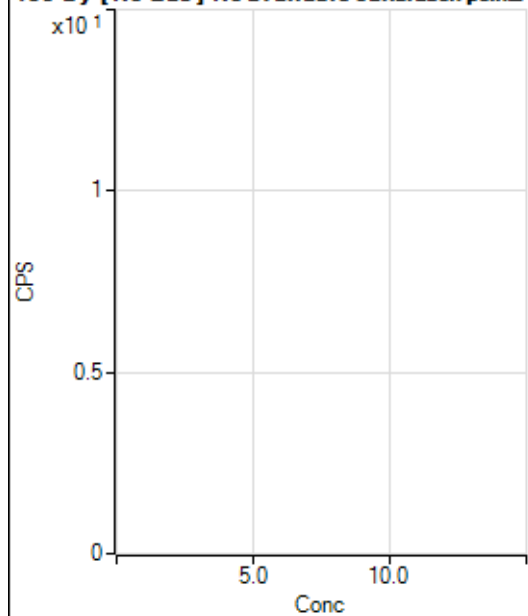
Min Conc: 0



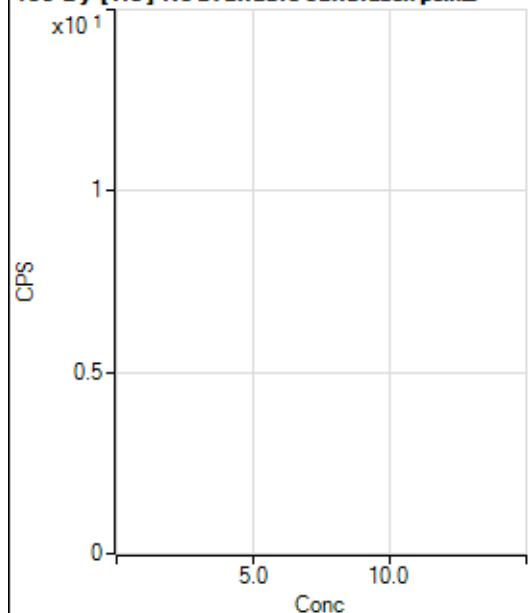
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14.44		P	58.1
2	☐			30.00		P	40.1
3	☐			126.67		P	20.9
4	☐			327.79		P	16.9
5	☐			622.24		P	4.8
6	☐			1215.62		P	4.8
7	☐			2384.68		P	1.0
8	☐			587.80		P	11.2

150 Nd [He] No available calibration points

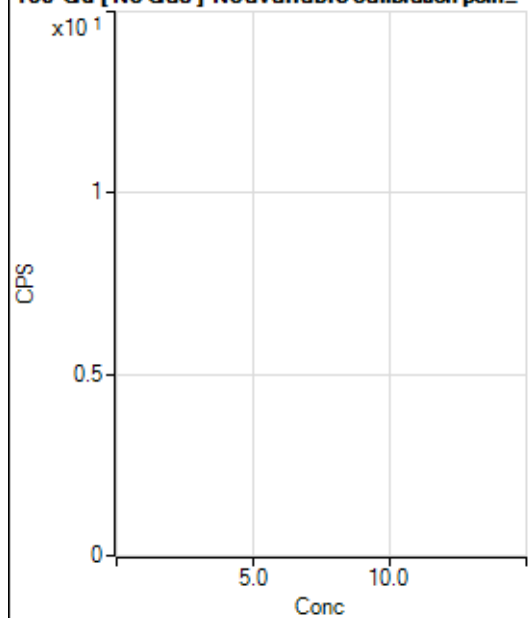
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	100.1
2	☐			1.11		P	173.2
3	☐			4.45		P	86.6
4	☐			20.00		P	16.7
5	☐			40.00		P	25.0
6	☐			62.22		P	12.4
7	☐			134.45		P	14.5
8	☐			163.34		P	8.9

156 Dy [No Gas] No available calibration points

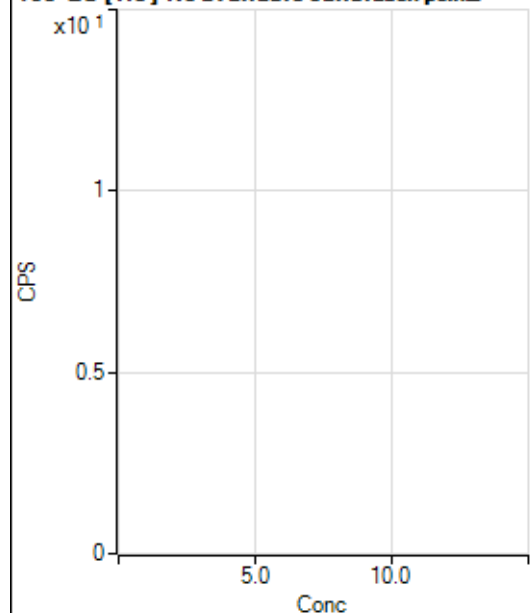
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			55.56		P	18.3
2	☐			63.34		P	18.2
3	☐			113.33		P	15.3
4	☐			167.78		P	24.3
5	☐			258.90		P	4.9
6	☐			412.24		P	4.6
7	☐			846.70		P	12.3
8	☐			1120.06		P	10.2

156 Dy [He] No available calibration points

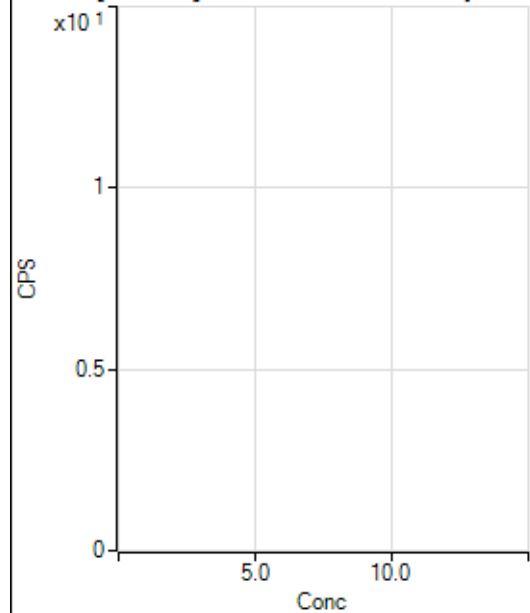
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t.	RSD
1	☐			6.67		P	50.0
2	☐			11.11		P	34.6
3	☐			14.44		P	58.1
4	☐			23.33		P	24.7
5	☐			36.67		P	18.2
6	☐			84.44		P	36.7
7	☐			142.23		P	15.6
8	☐			336.67		P	16.8

160 Gd [No Gas] Noavailable calibration poin_

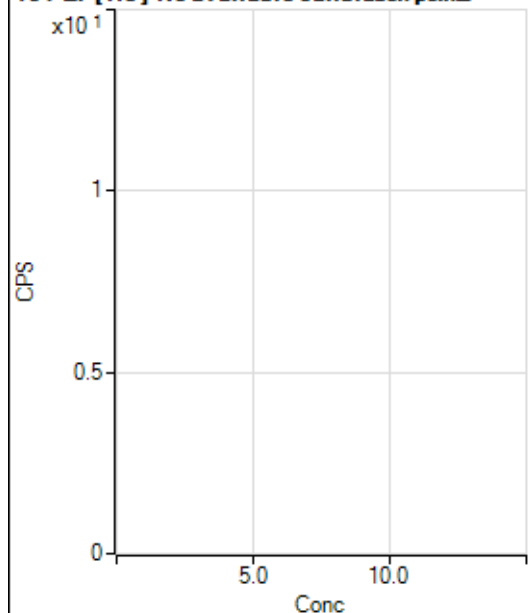
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t.	RSD
1	☐			103.34		P	5.6
2	☐			120.00		P	19.4
3	☐			138.89		P	13.2
4	☐			154.45		P	8.7
5	☐			203.34		P	16.1
6	☐			290.01		P	14.9
7	☐			487.79		P	5.2
8	☐			985.60		P	5.2

160 Gd [He] No available calibration points

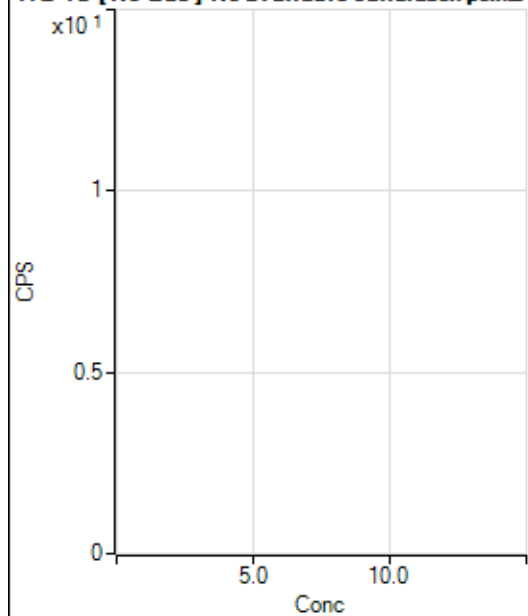
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t.	RSD
1	☐			18.89		P	36.7
2	☐			25.55		P	27.1
3	☐			30.00		P	19.2
4	☐			36.67		P	32.8
5	☐			50.00		P	11.5
6	☐			92.22		P	23.5
7	☐			170.00		P	16.1
8	☐			492.24		P	9.5

164 Er [No Gas] No available calibration points

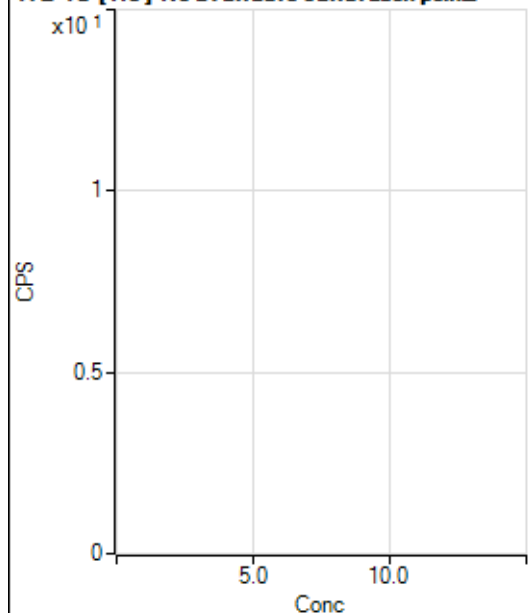
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t.	RSD
1	☐			77.78		P	24.7
2	☐			62.22		P	26.4
3	☐			91.11		P	23.5
4	☐			146.67		P	8.2
5	☐			181.11		P	18.9
6	☐			323.34		P	6.3
7	☐			553.35		P	4.5
8	☐			1230.07		P	3.2

164 Er [He] No available calibration points

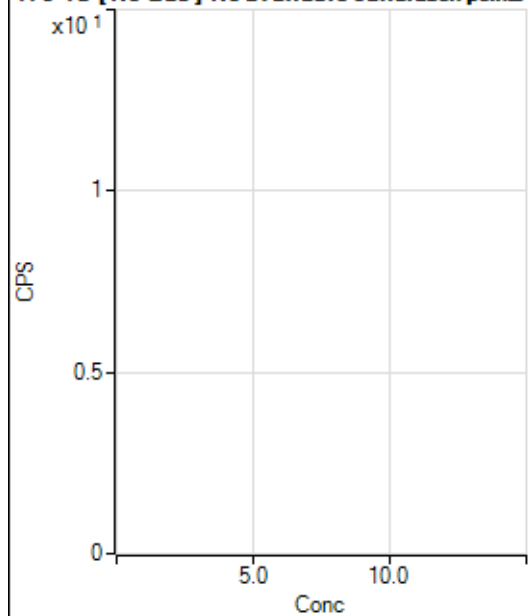
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27.78		P	55.4
2	☐			26.67		P	25.0
3	☐			34.44		P	22.3
4	☐			66.67		P	36.1
5	☐			57.78		P	24.0
6	☐			127.78		P	20.9
7	☐			184.45		P	18.1
8	☐			474.46		P	13.7

172 Yb [No Gas] No available calibration points

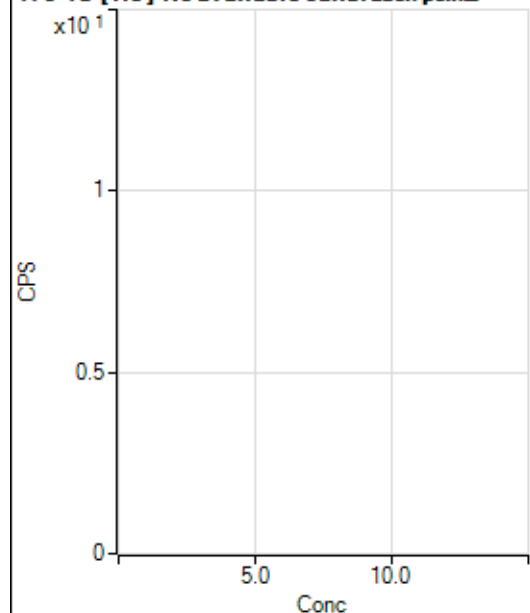
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			64.44		P	14.9
2	☐			70.00		P	16.5
3	☐			85.56		P	29.2
4	☐			145.56		P	15.6
5	☐			187.78		P	15.5
6	☐			310.01		P	3.2
7	☐			610.02		P	6.2
8	☐			1866.82		P	3.2

172 Yb [He] No available calibration points

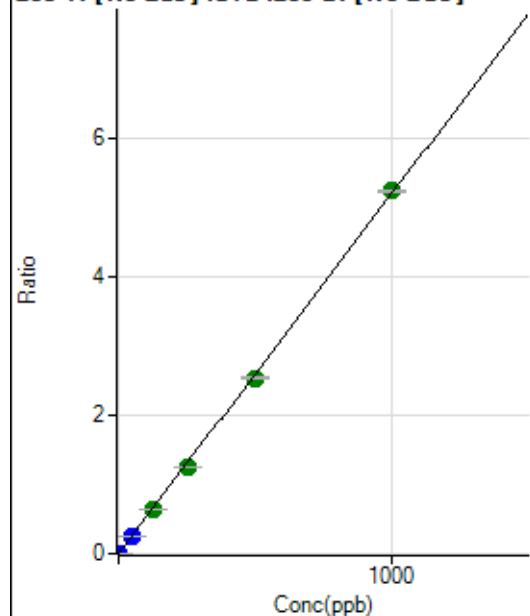
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27.78		P	25.0
2	☐			33.33		P	36.1
3	☐			37.78		P	13.5
4	☐			64.44		P	19.6
5	☐			73.33		P	13.6
6	☐			173.34		P	30.5
7	☐			278.90		P	8.0
8	☐			955.60		P	5.4

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1442.32		P	1.9
2	☐			1572.33		P	2.7
3	☐			8731.84		P	2.1
4	☐			19311.97		P	1.3
5	☐			37044.14		P	1.4
6	☐			73843.87		P	0.1
7	☐			141490.86		P	1.7
8	☐			2496.93		P	2.5

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			416.68		P	18.2
2	☐			414.46		P	4.0
3	☐			3190.41		P	3.5
4	☐			7314.32		P	1.2
5	☐			14193.27		P	1.1
6	☐			27587.72		P	1.0
7	☐			55702.34		P	1.0
8	☐			948.94		P	1.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	984.49	0.0002	P	9.0
2	☐	1.000	0.972	32350.26	0.0052	P	2.0
3	☐	50.000	46.154	1504731.84	0.2398	P	0.4
4	☐	125.000	123.176	3970970.67	0.6398	A	1.0
5	☐	250.000	241.931	7760033.98	1.2564	A	0.9
6	☐	500.000	487.851	15266739.36	2.5334	A	0.6
7	☐	1000.000	1008.512	30039181.77	5.2370	A	0.9
8	☐			2466.92	0.0005	P	11.7

$$y = 0.0052 * x + 1.5897E-004$$

$$R = 0.9999$$

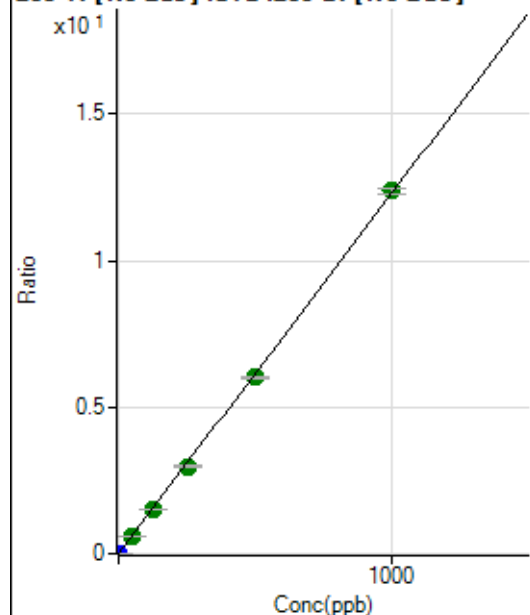
$$DL = 0.008243$$

$$BEC = 0.03061$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2260.22	0.0004	P	5.6
2	☐	1.000	0.963	75740.56	0.0122	P	1.6
3	☐	50.000	49.476	3817720.47	0.6084	A	0.5
4	☐	125.000	122.457	9344315.21	1.5054	A	0.6
5	☐	250.000	242.842	18436365.56	2.9850	A	1.1
6	☐	500.000	489.175	36233671.68	6.0126	A	0.6
7	☐	1000.000	1007.546	71031741.16	12.3837	A	1.5
8	☐			5639.08	0.0012	P	10.3

$$y = 0.0123 * x + 3.6476E-004$$

$$R = 0.9999$$

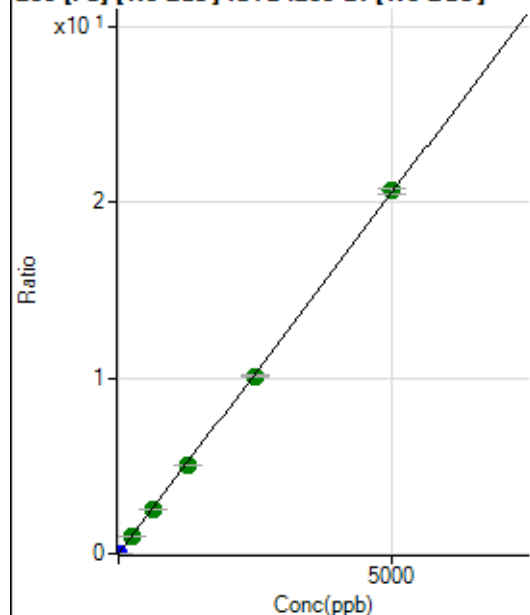
$$DL = 0.005012$$

$$BEC = 0.02968$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2778.10	0.0004	P	3.7
2	☐	1.000	0.969	27454.63	0.0044	P	2.3
3	☐	250.000	247.200	6362383.38	1.0140	A	1.8
4	☐	625.000	619.048	15757832.40	2.5387	A	1.0
5	☐	1250.000	1218.840	30869868.43	4.9980	A	0.5
6	☐	2500.000	2459.469	60775581.87	10.0850	A	0.5
7	☐	5000.000	5028.940	118278023.79	20.6205	A	1.5
8	☐			49833.08	0.0104	P	2.6

$$y = 0.0041 * x + 4.4844E-004$$

$$R = 0.9999$$

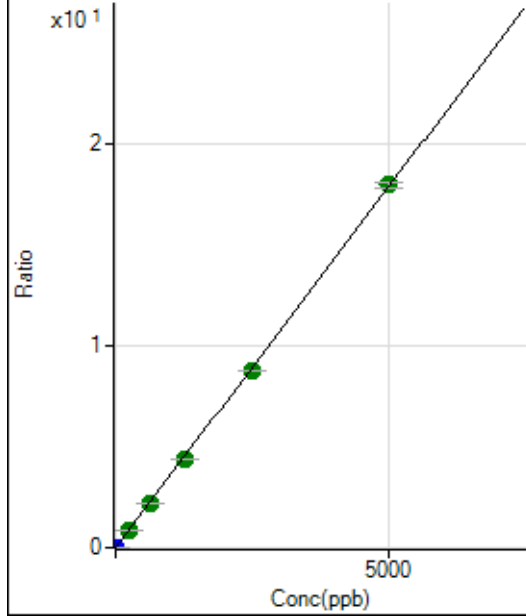
$$DL = 0.01206$$

$$BEC = 0.1094$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2415.81	0.0004	P	1.3
2	☐	1.000	0.973	23955.58	0.0039	P	2.0
3	☐	250.000	245.779	5500369.29	0.8766	A	1.4
4	☐	625.000	617.296	13662262.71	2.2011	A	1.3
5	☐	1250.000	1218.687	26838279.32	4.3452	A	0.7
6	☐	2500.000	2453.506	52715673.10	8.7475	A	0.9
7	☐	5000.000	5032.249	102908974.02	17.9411	A	1.3
8	☐			43583.06	0.0091	P	1.9

$$y = 0.0036 * x + 3.8992E-004$$

$$R = 0.9999$$

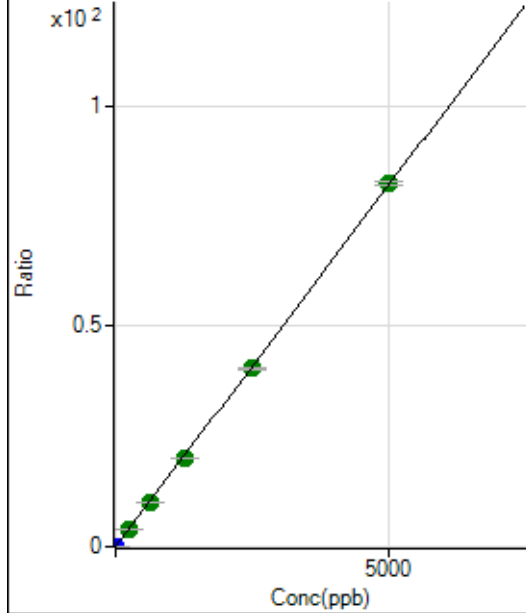
$$DL = 0.004212$$

$$BEC = 0.1094$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11355.44	0.0018	P	1.2
2	☐	1.000	0.975	110541.00	0.0178	P	1.9
3	☐	250.000	244.482	25139884.42	4.0067	A	1.1
4	☐	625.000	615.867	62629882.68	10.0903	A	1.2
5	☐	1250.000	1221.881	123636895.65	20.0174	A	0.3
6	☐	2500.000	2469.207	243771751.92	40.4498	A	0.8
7	☐	5000.000	5023.844	472055309.64	82.2972	A	0.9
8	☐			199762.80	0.0419	P	1.9

$$y = 0.0164 * x + 0.0018$$

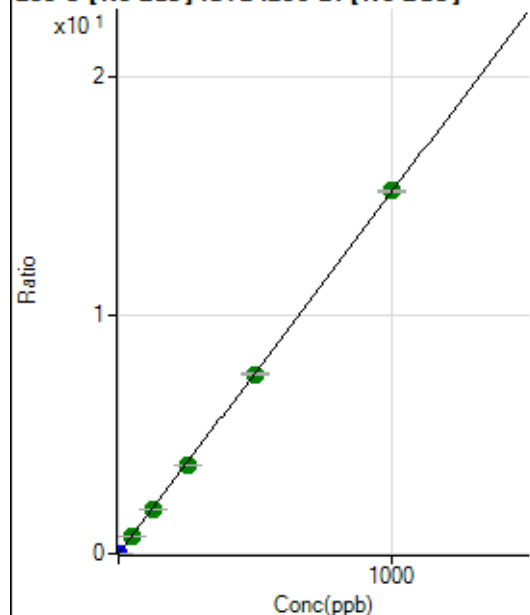
$$R = 1.0000$$

$$DL = 0.003862$$

$$BEC = 0.1119$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4364.13	0.0007	P	1.5
2	☐	1.000	0.982	96792.47	0.0156	P	1.8
3	☐	50.000	48.426	4610982.57	0.7349	A	0.2
4	☐	125.000	120.674	11359883.58	1.8302	A	1.3
5	☐	250.000	244.736	22919973.55	3.7111	A	0.8
6	☐	500.000	496.945	45409547.10	7.5347	A	1.2
7	☐	1000.000	1003.463	87267440.92	15.2139	A	0.5
8	☐			6040.39	0.0013	P	3.5

$$y = 0.0152 * x + 7.0438E-004$$

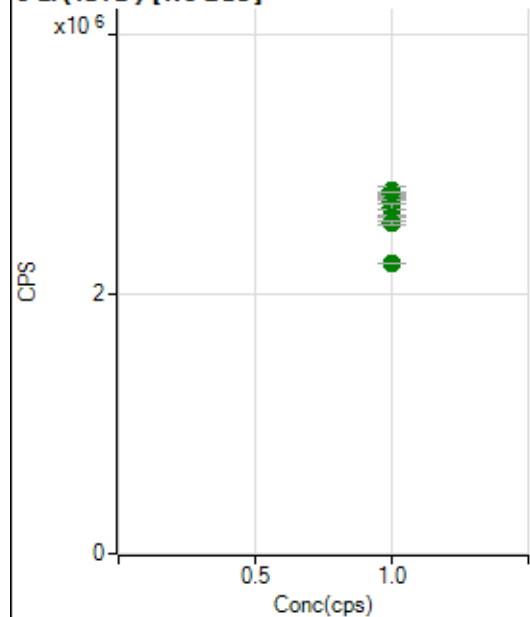
$$R = 1.0000$$

$$DL = 0.002029$$

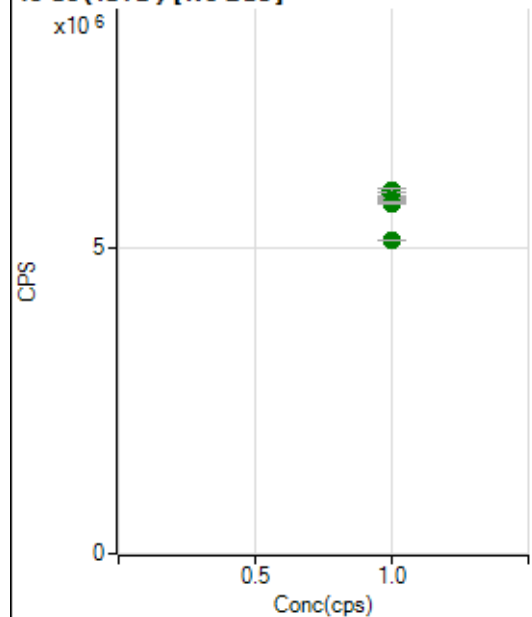
$$BEC = 0.04646$$

Weight: <None>

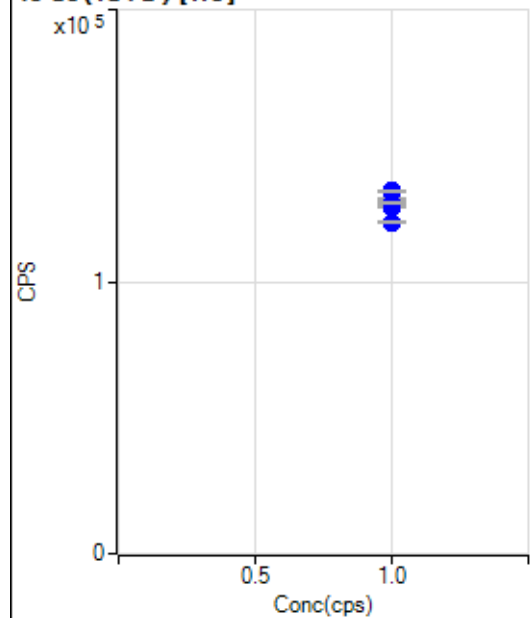
Min Conc: 0

6 Li (ISTD) [No Gas]

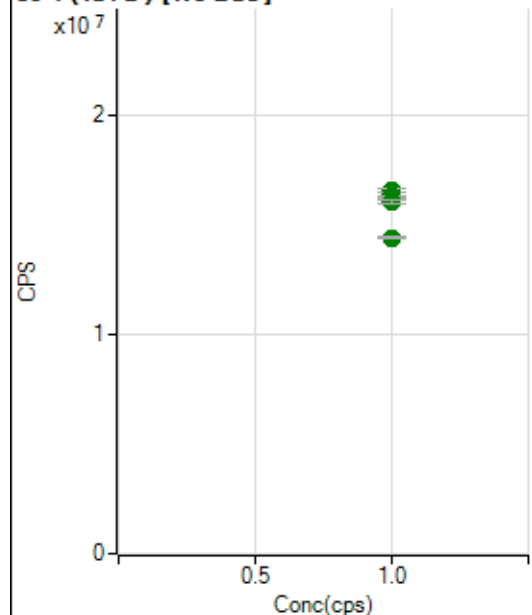
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2750314.31		A	0.8
2	☐	1.000		2798245.61		A	2.1
3	☐	1.000		2780025.31		A	1.0
4	☐	1.000		2713863.33		A	0.8
5	☐	1.000		2676066.41		A	1.9
6	☐	1.000		2600555.98		A	0.9
7	☐	1.000		2552151.71		A	0.8
8	☐	1.000		2238817.70		A	0.2

45 Sc (ISTD) [No Gas]

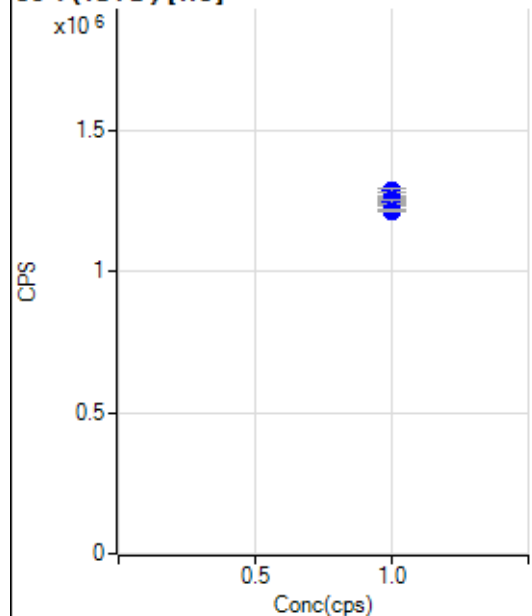
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5863538.39		A	0.9
2	☐	1.000		5865508.04		A	1.1
3	☐	1.000		5925553.25		A	1.2
4	☐	1.000		5721815.96		A	0.6
5	☐	1.000		5766951.65		A	0.5
6	☐	1.000		5788649.29		A	0.7
7	☐	1.000		5719986.72		A	0.7
8	☐	1.000		5111909.51		A	0.3

45 Sc (ISTD) [He]

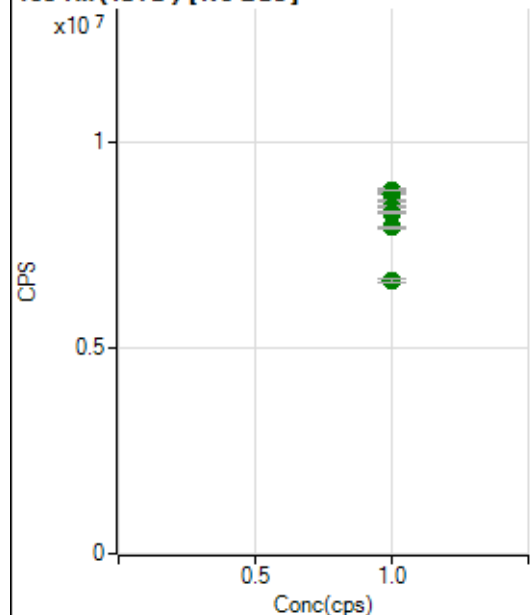
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		130558.69		P	0.6
2	☐	1.000		130566.34		P	0.4
3	☐	1.000		128724.71		P	0.8
4	☐	1.000		127549.64		P	0.6
5	☐	1.000		128598.26		P	0.6
6	☐	1.000		129021.62		P	0.4
7	☐	1.000		133508.81		P	0.4
8	☐	1.000		121864.69		P	0.8

89 Y (ISTD) [No Gas]

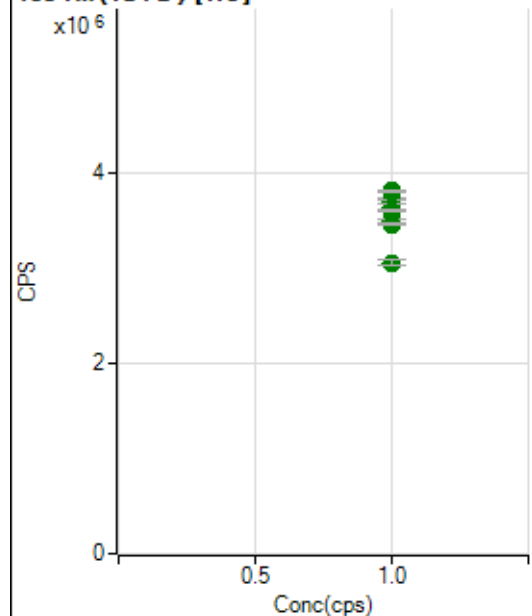
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		16391239.06		A	1.9
2	☐	1.000		16459795.45		A	1.1
3	☐	1.000		16573718.22		A	1.2
4	☐	1.000		16286756.29		A	0.1
5	☐	1.000		16276685.45		A	0.5
6	☐	1.000		16347089.48		A	0.2
7	☐	1.000		16096831.56		A	0.8
8	☐	1.000		14449372.42		A	0.9

89 Y (ISTD) [He]

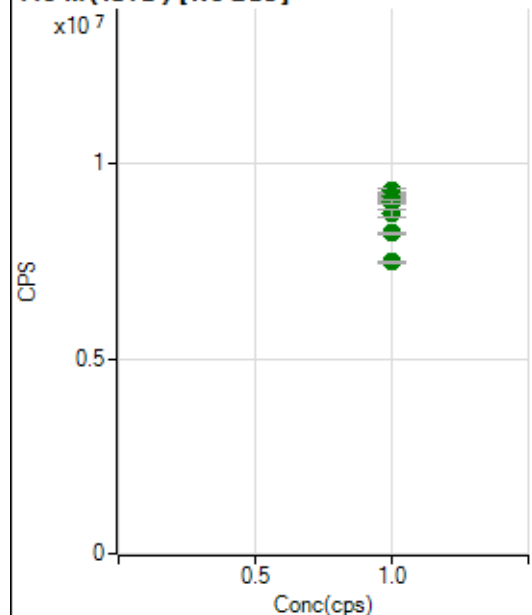
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1268535.19		P	0.5
2	☐	1.000		1287329.43		P	1.2
3	☐	1.000		1253926.49		P	0.9
4	☐	1.000		1248498.51		P	0.8
5	☐	1.000		1242659.36		P	0.1
6	☐	1.000		1238186.61		P	0.6
7	☐	1.000		1248649.52		P	1.0
8	☐	1.000		1215350.18		P	0.6

103 Rh (ISTD) [No Gas]

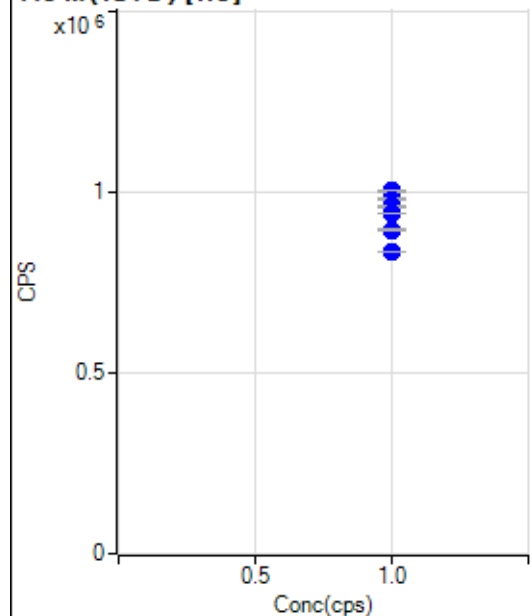
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8790118.83		A	0.3
2	☐	1.000		8803686.05		A	1.3
3	☐	1.000		8705285.84		A	2.8
4	☐	1.000		8565923.20		A	0.6
5	☐	1.000		8420587.93		A	0.4
6	☐	1.000		8280443.14		A	0.6
7	☐	1.000		7917464.26		A	0.9
8	☐	1.000		6619109.55		A	1.1

103 Rh (ISTD) [He]

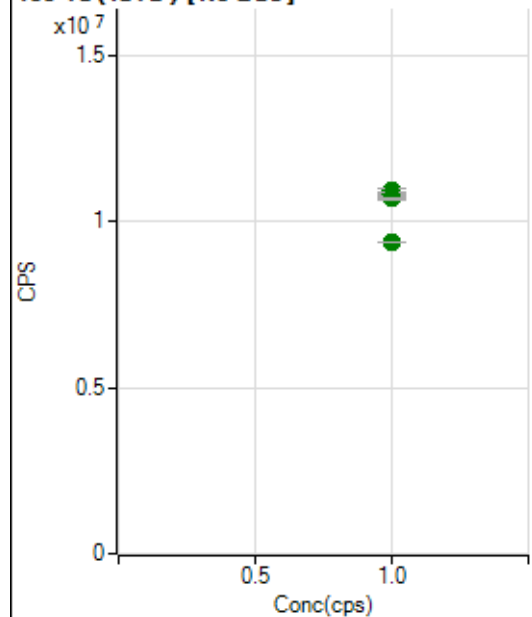
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3718955.19		A	0.6
2	☐	1.000		3810769.08		A	0.4
3	☐	1.000		3694871.37		A	1.6
4	☐	1.000		3644445.71		A	1.5
5	☐	1.000		3599551.06		A	0.7
6	☐	1.000		3503448.97		A	1.2
7	☐	1.000		3458466.75		A	0.4
8	☐	1.000		3056053.91		A	2.0

115 In (ISTD) [No Gas]

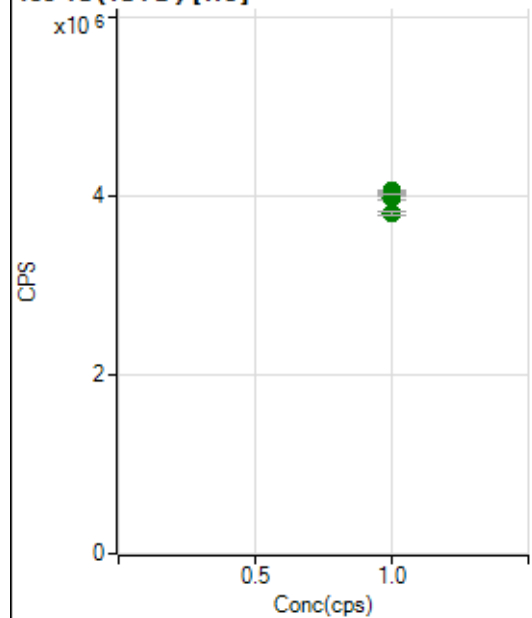
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9101057.48		A	1.5
2	☐	1.000		9294766.18		A	1.0
3	☐	1.000		9171290.89		A	1.2
4	☐	1.000		9076156.45		A	1.1
5	☐	1.000		9028361.49		A	1.1
6	☐	1.000		8716773.16		A	1.9
7	☐	1.000		8210928.10		A	0.9
8	☐	1.000		7487529.20		A	0.7

115 In (ISTD) [He]

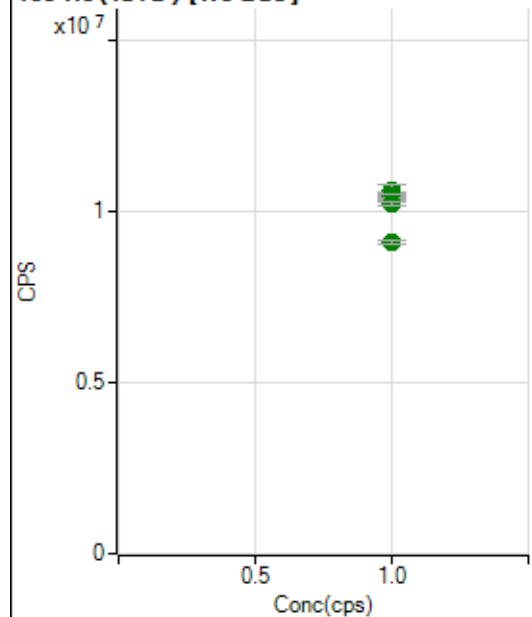
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		986716.74		P	0.2
2	☐	1.000		1004579.80		P	0.4
3	☐	1.000		981570.62		P	0.7
4	☐	1.000		961515.20		P	0.7
5	☐	1.000		942311.19		P	0.4
6	☐	1.000		895931.81		P	0.6
7	☐	1.000		835559.22		P	0.4
8	☐	1.000		897051.85		P	1.0

159 Tb (ISTD) [No Gas]

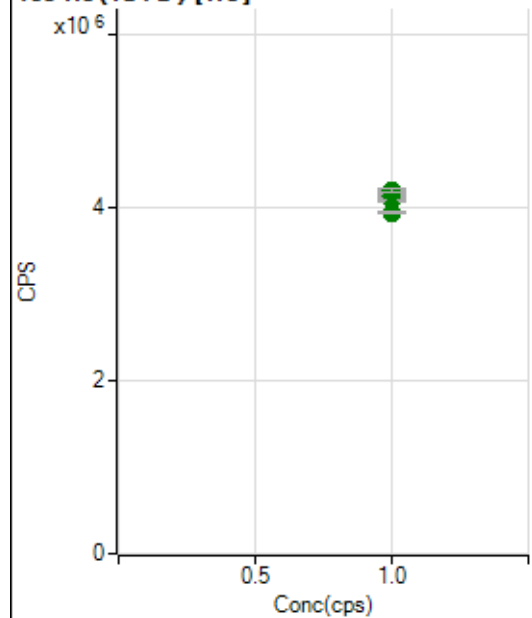
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10790437.34		A	0.7
2	☐	1.000		10927144.14		A	1.6
3	☐	1.000		10862308.45		A	0.9
4	☐	1.000		10847071.37		A	0.5
5	☐	1.000		10877207.48		A	2.0
6	☐	1.000		10830026.64		A	0.7
7	☐	1.000		10696741.09		A	0.4
8	☐	1.000		9385975.28		A	0.1

159 Tb (ISTD) [He]

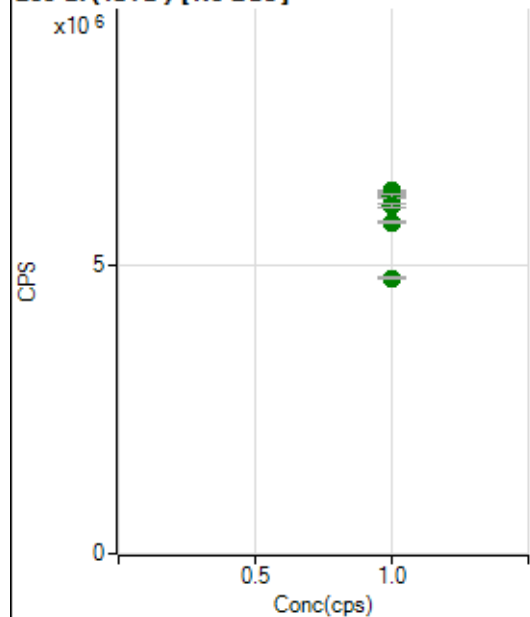
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4007864.98		A	0.4
2	☐	1.000		4059021.78		A	0.2
3	☐	1.000		4028534.52		A	1.2
4	☐	1.000		4039252.47		A	0.4
5	☐	1.000		3988630.95		A	1.1
6	☐	1.000		4002566.75		A	0.2
7	☐	1.000		4023437.09		A	0.4
8	☐	1.000		3813511.68		A	1.3

165 Ho (ISTD) [No Gas]

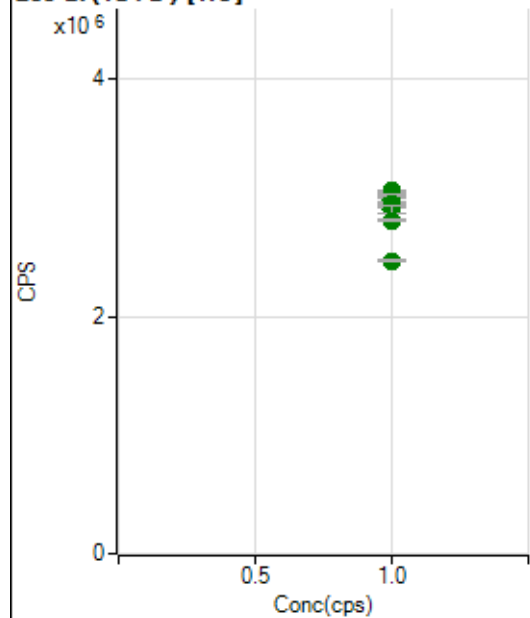
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10396091.86		A	1.1
2	☐	1.000		10410533.66		A	1.2
3	☐	1.000		10514075.68		A	1.4
4	☐	1.000		10397236.65		A	1.7
5	☐	1.000		10615860.47		A	3.1
6	☐	1.000		10463807.55		A	1.4
7	☐	1.000		10265306.93		A	1.2
8	☐	1.000		9140996.53		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4097483.03		A	1.2
2	☐	1.000		4159418.34		A	0.3
3	☐	1.000		4140411.08		A	1.0
4	☐	1.000		4128410.70		A	1.5
5	☐	1.000		4183887.06		A	0.6
6	☐	1.000		4184478.20		A	1.7
7	☐	1.000		4190832.37		A	1.1
8	☐	1.000		3935462.41		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6195576.30		A	0.7
2	☐	1.000		6212156.71		A	1.9
3	☐	1.000		6274562.62		A	0.4
4	☐	1.000		6207205.46		A	0.6
5	☐	1.000		6176344.56		A	0.9
6	☐	1.000		6026496.02		A	1.0
7	☐	1.000		5736082.62		A	0.3
8	☐	1.000		4769764.48		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2986629.99		A	0.8
2	☐	1.000		3059358.46		A	0.2
3	☐	1.000		3026079.05		A	0.9
4	☐	1.000		2944966.69		A	0.3
5	☐	1.000		2931457.84		A	0.7
6	☐	1.000		2895924.78		A	2.3
7	☐	1.000		2813110.69		A	0.4
8	☐	1.000		2468008.28		A	0.5