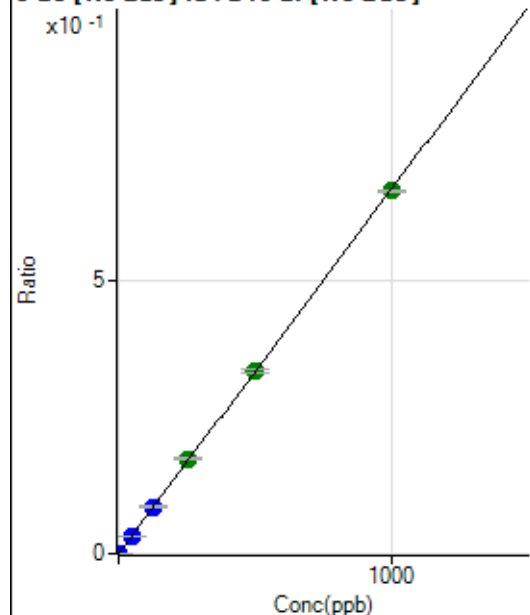


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8012125MS.b\
 Analysis File: P8012125MS-2.batch.bin
 DA Date-Time: 2025-01-31 13:24:46
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2025-01-21 13:20:04
2	006CALS.d	S02	2025-01-21 13:30:11
3	007CALB.d	S03	2025-01-21 13:33:31
4	008CALS.d	S04	2025-01-21 13:36:39
5	009CALS.d	S05	2025-01-21 13:39:36
6	010CALS.d	S06	2025-01-21 13:42:30
7	011CALS.d	S07	2025-01-21 13:45:16
8	012CALS.d	S08	2025-01-21 13:48:03

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	373.29	0.0000	P	8.9
2	☐	1.000	1.033	6063.41	0.0007	P	2.3
3	☐	50.000	48.051	275453.13	0.0322	P	6.8
4	☐	125.000	127.552	684849.85	0.0853	P	3.4
5	☐	250.000	260.831	1372306.04	0.1744	A	3.0
6	☐	500.000	503.550	2576231.80	0.3367	A	2.1
7	☐	1000.000	995.296	4906067.01	0.6654	A	0.3
8	☐			1392.81	0.0002	P	14.0

$$y = 6.6855E-004 * x + 4.6067E-005$$

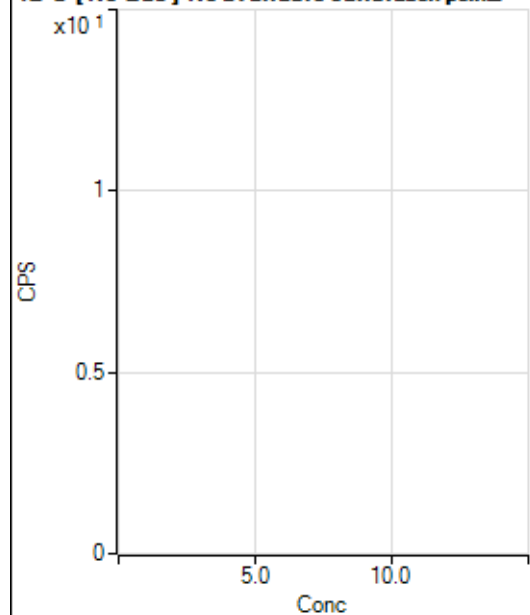
$$R = 0.9999$$

$$DL = 0.01831$$

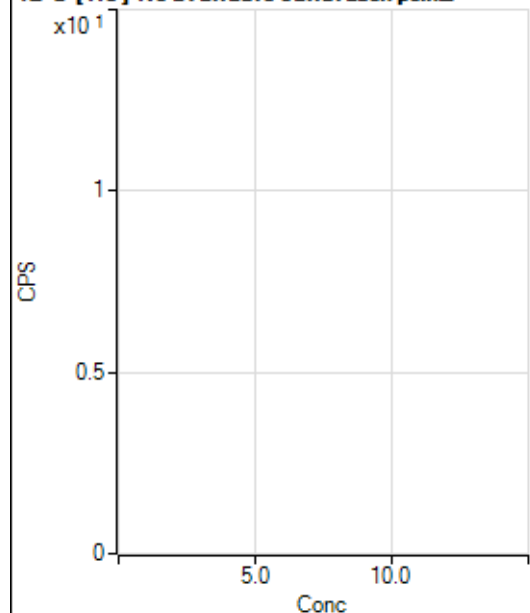
$$BEC = 0.06891$$

Weight: <None>

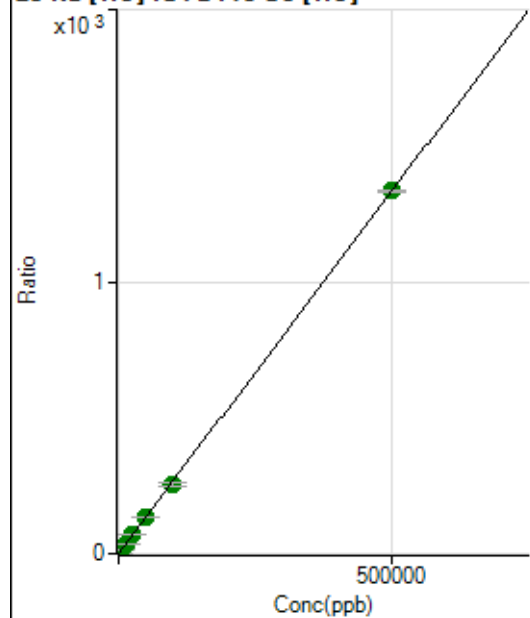
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2781098.53		A	1.7
2	☐			3131562.24		A	0.5
3	☐			3349679.74		A	0.3
4	☐			3443418.70		A	0.7
5	☐			3459863.21		A	1.7
6	☐			3504301.72		A	2.9
7	☐			3832762.30		A	3.1
8	☐			4841259.65		A	11.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18186.91		P	2.1
2	☐			20427.61		P	0.6
3	☐			21745.05		P	0.9
4	☐			22511.78		P	2.1
5	☐			23189.48		P	1.1
6	☐			24330.17		P	0.7
7	☐			27632.63		P	0.5
8	☐			44822.50		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18676.49	0.1135	P	2.6
2	☐	500.000	517.846	245842.74	1.4931	P	0.3
3	☐	5000.000	5220.165	2340727.61	14.0201	A	0.4
4	☐	12500.000	12807.212	5484663.43	34.2322	A	0.8
5	☐	25000.000	25754.067	10625581.58	68.7228	A	2.5
6	☐	50000.000	50936.052	20882867.61	135.8080	A	0.9
7	☐	100000.00	95025.142	40782815.51	253.2621	A	6.0
8	☐	500000.00	500853.76	182926532.8	1,334.396	A	0.8

$$y = 0.0027 * x + 0.1135$$

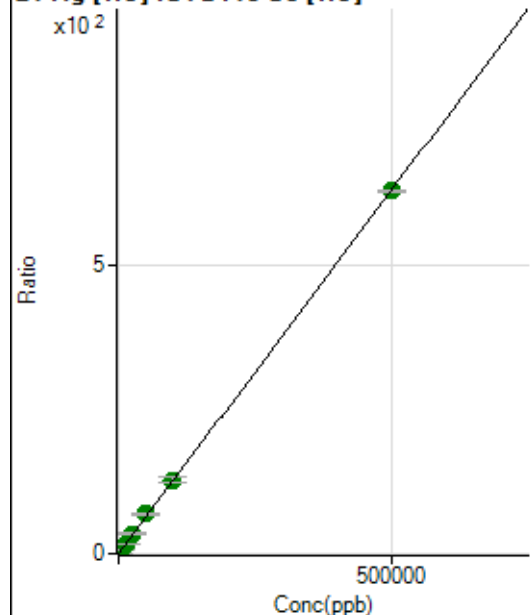
$$R = 0.9999$$

$$DL = 3.335$$

$$BEC = 42.61$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	537.79	0.0033	P	3.4
2	☐	500.000	571.998	118880.52	0.7220	P	0.3
3	☐	5000.000	5604.813	1176366.66	7.0458	A	0.7
4	☐	12500.000	13978.934	2814886.66	17.5681	A	0.6
5	☐	25000.000	27679.894	5377259.40	34.7837	A	3.3
6	☐	50000.000	54590.989	10547553.73	68.5981	A	1.7
7	☐	100000.00	101587.53	20555707.61	127.6504	A	6.0
8	☐	500000.00	499046.30	85966676.50	627.0668	A	0.7

$$y = 0.0013 * x + 0.0033$$

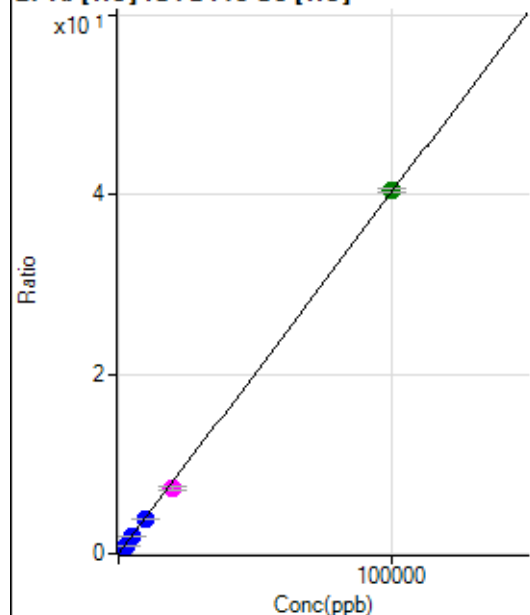
$$R = 1.0000$$

$$DL = 0.2619$$

$$BEC = 2.599$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0004	P	10.5
2	☐	20.000	19.497	1352.30	0.0082	P	4.1
3	☐	1000.000	959.910	64523.31	0.3865	P	1.0
4	☐	2500.000	2379.661	153458.92	0.9576	P	1.2
5	☐	5000.000	4761.011	296158.88	1.9154	P	2.5
6	☐	10000.000	9462.111	585315.00	3.8064	P	0.6
7	☐	20000.000	18039.181	1169174.25	7.2564	M	5.7
8	☐	100000.00	100461.31	5539912.21	40.4096	A	1.0

$$y = 4.0224E-004 * x + 3.7083E-004$$

$$R = 0.9998$$

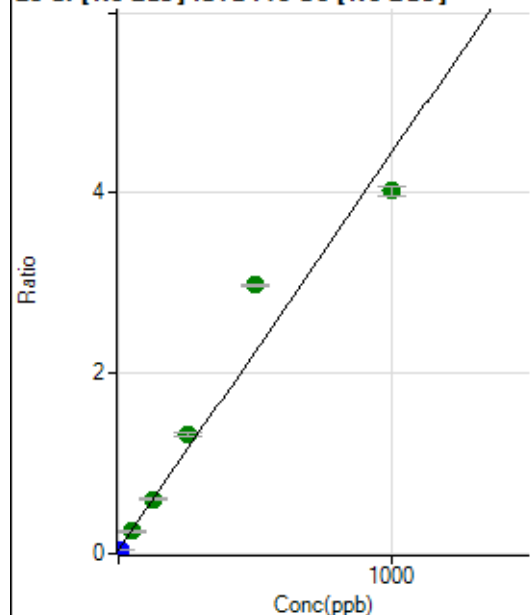
$$DL = 0.2893$$

$$BEC = 0.9219$$

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	398591.20	0.0423	P	0.2
2	☐	10.000	1.735	487247.19	0.0499	P	2.3
3	☐	50.000	47.094	2552423.87	0.2494	A	8.8
4	☐	125.000	127.905	5813608.45	0.6049	A	5.3
5	☐	250.000	292.523	12479284.40	1.3289	A	2.8
6	☐	500.000	668.277	27839775.97	2.9815	A	0.8
7	☐	1000.000	905.096	37391805.28	4.0231	A	2.4
8	☐			505265.44	0.0638	P	2.6

$$y = 0.0044 * x + 0.0423$$

$$R = 0.9762$$

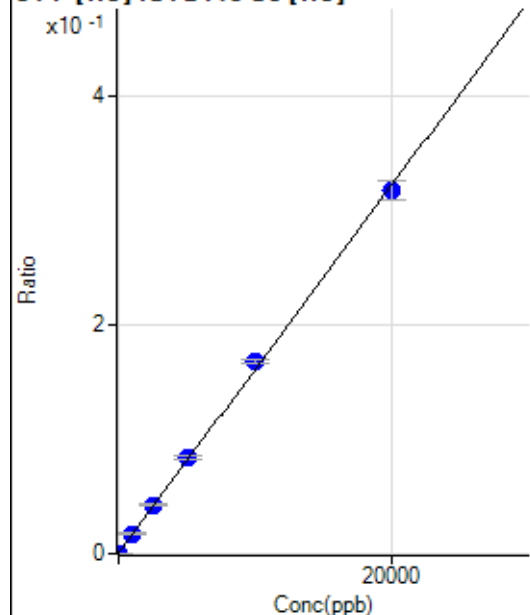
$$DL = 0.05488$$

$$BEC = 9.62$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-15.300	47.78	0.0003	P	19.6
2	☐	0.000	15.300	128.89	0.0008	P	5.5
3	☐	1000.000	1059.169	2931.43	0.0176	P	2.2
4	☐	2500.000	2633.655	6869.47	0.0429	P	3.1
5	☐	5000.000	5233.742	13085.99	0.0846	P	3.4
6	☐	10000.000	10437.383	25875.34	0.1683	P	1.5
7	☐	20000.000	19703.208	51097.41	0.3172	P	5.3
8	☐			75.56	0.0006	P	22.3

$$y = 1.6071E-005 * x + 5.3692E-004$$

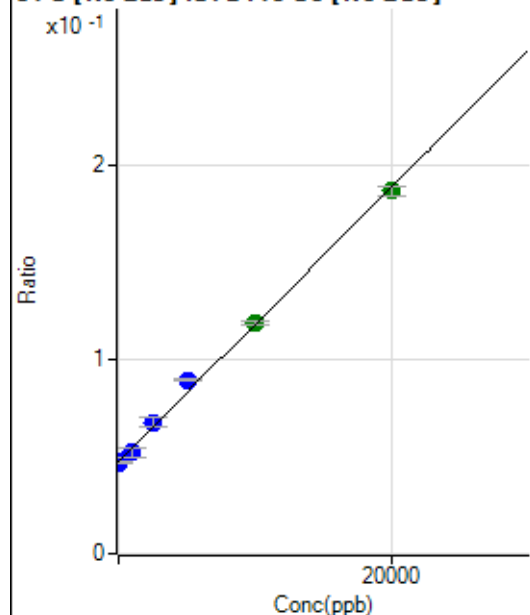
$$R = 0.9996$$

$$DL = 9.32$$

$$BEC = 33.41$$

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	77.055	452596.64	0.0480	P	0.4
2	☐	0.000	-77.055	458130.92	0.0470	P	1.3
3	☐	1000.000	645.707	532767.68	0.0521	P	9.1
4	☐	2500.000	2879.069	652400.29	0.0679	P	6.3
5	☐	5000.000	5920.395	840061.37	0.0895	P	1.4
6	☐	10000.000	10089.891	1111303.07	0.1190	A	1.8
7	☐	20000.000	19695.286	1738863.78	0.1871	A	2.9
8	☐			341569.72	0.0431	P	2.3

$$y = 7.0873\text{E-}006 * x + 0.0475$$

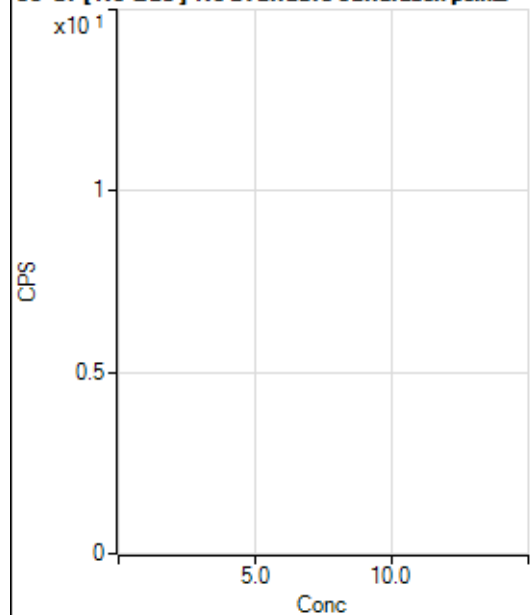
R = 0.9982

DL = 171.8

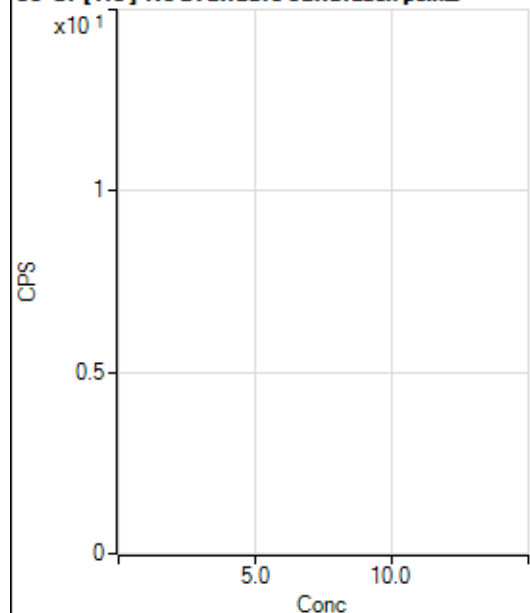
BEC = 6702

Weight: <None>

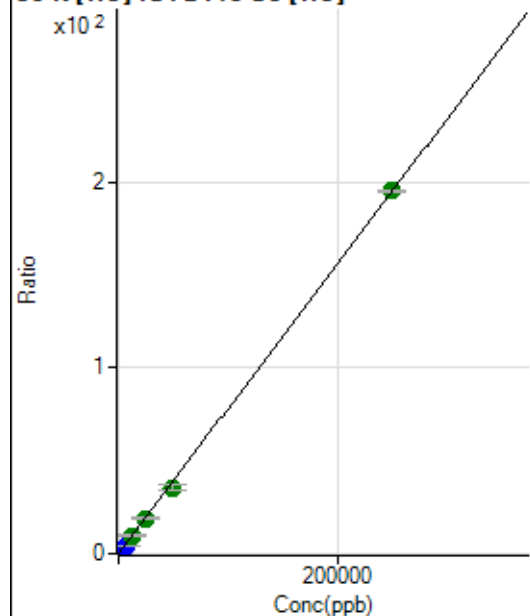
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			59378.77		P	0.5
2	☐			62165.93		P	0.4
3	☐			65850.99		P	1.0
4	☐			69807.13		P	0.8
5	☐			71279.68		P	2.4
6	☐			79068.88		P	4.4
7	☐			94917.76		P	3.9
8	☐			57483.52		P	2.1

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			238.89		P	9.3
2	☐			244.45		P	15.7
3	☐			221.12		P	21.9
4	☐			272.23		P	16.2
5	☐			238.89		P	3.5
6	☐			305.56		P	4.4
7	☐			404.46		P	4.8
8	☐			241.12		P	20.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6504.87	0.0395	P	1.2
2	☐	500.000	490.079	69314.05	0.4210	P	1.0
3	☐	2500.000	2354.333	312535.98	1.8720	P	0.5
4	☐	6250.000	5911.999	743666.12	4.6411	P	0.5
5	☐	12500.000	12504.224	1510799.13	9.7721	A	2.9
6	☐	25000.000	24548.174	2944095.48	19.1463	A	1.0
7	☐	50000.000	45833.739	5750581.58	35.7138	A	6.3
8	☐	250000.00	250888.15	26775853.21	195.3158	A	0.5

$$y = 7.7834\text{E-}004 * x + 0.0395$$

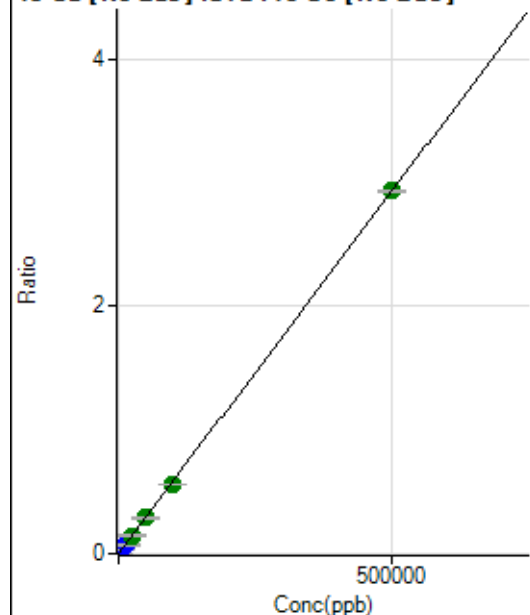
$$R = 0.9998$$

$$DL = 1.846$$

$$BEC = 50.77$$

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	440.01	0.0000	P	11.9
2	☐	500.000	495.907	28778.78	0.0029	P	2.8
3	☐	5000.000	4535.921	272262.78	0.0266	P	8.2
4	☐	12500.000	12143.561	683639.70	0.0711	P	5.6
5	☐	25000.000	25199.713	1385716.14	0.1476	A	1.6
6	☐	50000.000	49486.147	2705816.92	0.2897	A	2.4
7	☐	100000.00	95410.840	5191218.05	0.5586	A	1.3
8	☐	500000.00	500972.78	23224622.99	2.9327	A	0.7

$$y = 5.8540\text{E-}006 * x + 4.6719\text{E-}005$$

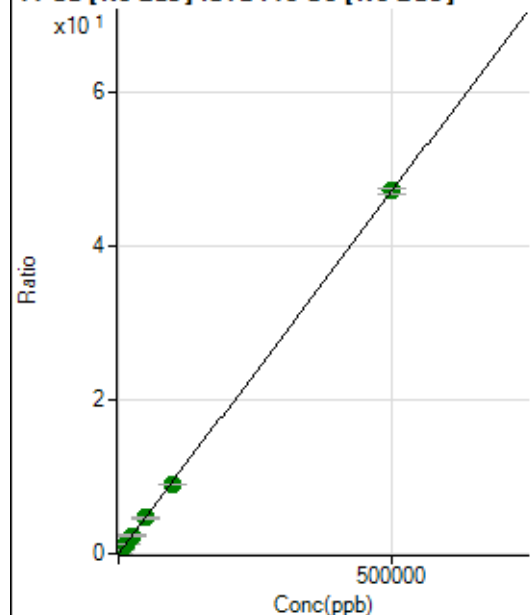
$$R = 1.0000$$

$$DL = 2.86$$

$$BEC = 7.981$$

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	8515.93	0.0009	P	0.9
2	☐	500.000	498.370	467584.48	0.0479	P	2.0
3	☐	5000.000	4735.690	4580089.93	0.4477	A	9.2
4	☐	12500.000	12502.904	11346407.33	1.1805	A	5.4
5	☐	25000.000	24955.726	22119602.72	2.3554	A	2.7
6	☐	50000.000	49157.355	43320409.63	4.6388	A	2.3
7	☐	100000.00	95879.158	84080052.08	9.0470	A	1.3
8	☐	500000.00	500913.21	374217296.6	47.2614	A	1.5

$$y = 9.4349\text{E-}005 * x + 9.0399\text{E-}004$$

$$R = 1.0000$$

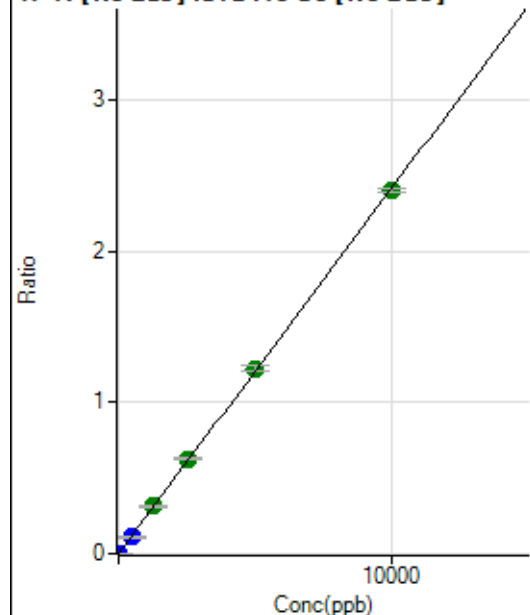
$$DL = 0.2717$$

$$BEC = 9.581$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	143.33	0.0000	P	25.8
2	☐	5.000	5.158	12307.56	0.0013	P	2.1
3	☐	500.000	466.229	1152872.13	0.1127	P	8.5
4	☐	1250.000	1303.962	3027988.25	0.3150	A	5.4
5	☐	2500.000	2596.827	5891825.81	0.6274	A	2.7
6	☐	5000.000	5072.872	11446774.13	1.2256	A	3.3
7	☐	10000.000	9934.301	22305824.67	2.4001	A	1.1
8	☐			7589.86	0.0010	P	4.3

$$y = 2.4160\text{E-}004 * x + 1.5212\text{E-}005$$

$$R = 0.9999$$

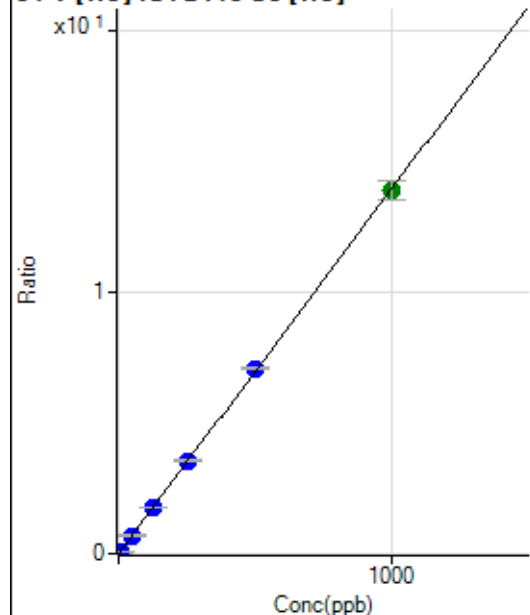
$$DL = 0.04882$$

$$BEC = 0.06296$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0001	P	76.9
2	☐	5.000	5.269	12098.53	0.0735	P	1.0
3	☐	50.000	49.905	116076.51	0.6953	P	0.9
4	☐	125.000	126.890	283274.46	1.7676	P	1.0
5	☐	250.000	254.438	548076.06	3.5444	P	1.9
6	☐	500.000	506.959	1085908.98	7.0620	P	0.9
7	☐	1000.000	995.178	2233055.38	13.8628	A	5.4
8	☐			318.90	0.0023	P	12.0

$$y = 0.0139 * x + 8.1632\text{E-}005$$

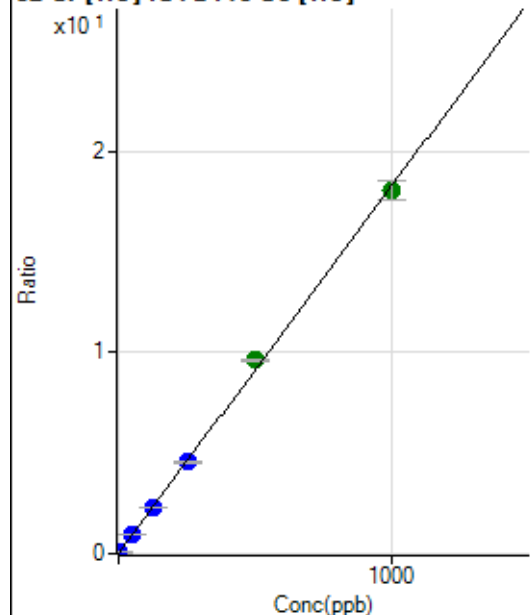
$$R = 1.0000$$

$$DL = 0.01352$$

$$BEC = 0.00586$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1824.58	0.0111	P	5.5
2	☐	2.000	2.125	8210.21	0.0499	P	0.9
3	☐	50.000	49.601	152938.48	0.9160	P	0.1
4	☐	125.000	124.862	366841.43	2.2892	P	0.9
5	☐	250.000	248.628	703098.45	4.5472	P	2.3
6	☐	500.000	526.342	1478302.27	9.6141	A	1.6
7	☐	1000.000	987.209	2902815.44	18.0225	A	5.5
8	☐			6580.12	0.0480	P	18.1

$$y = 0.0182 * x + 0.0111$$

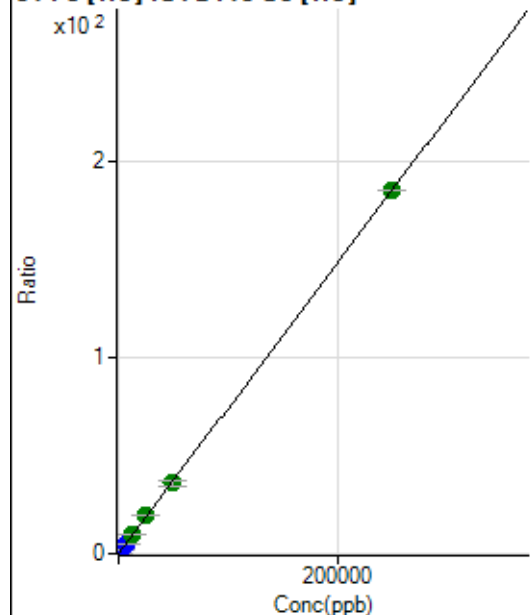
$$R = 0.9995$$

$$DL = 0.1009$$

$$BEC = 0.608$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	548.90	0.0033	P	5.4
2	☐	50.000	57.600	7553.17	0.0459	P	0.4
3	☐	2500.000	2557.404	315848.07	1.8918	P	0.5
4	☐	6250.000	6382.082	755669.28	4.7161	P	0.4
5	☐	12500.000	13273.143	1516040.24	9.8048	A	2.6
6	☐	25000.000	26466.057	3005459.68	19.5470	A	1.8
7	☐	50000.000	48530.986	5770728.87	35.8406	A	6.4
8	☐	250000.00	250104.66	25319241.57	184.6909	A	0.2

$$y = 7.3844E-004 * x + 0.0033$$

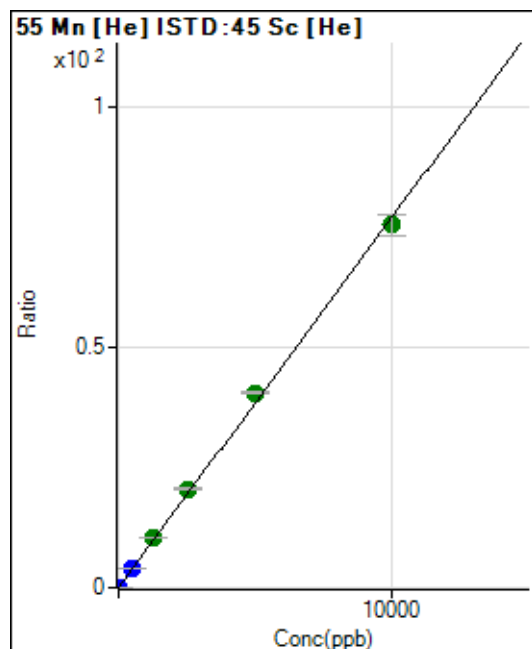
$$R = 1.0000$$

$$DL = 0.7362$$

$$BEC = 4.521$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	188.89	0.0012	P	23.7
2	☐	1.000	1.096	1580.11	0.0096	P	4.5
3	☐	500.000	505.368	650297.54	3.8950	P	0.1
4	☐	1250.000	1337.036	1651038.60	10.3031	A	0.8
5	☐	2500.000	2671.615	3182765.33	20.5861	A	2.8
6	☐	5000.000	5265.753	6239161.57	40.5741	A	0.6
7	☐	10000.000	9813.072	12176614.40	75.6115	A	5.9
8	☐			4065.12	0.0297	P	4.4

$$y = 0.0077 * x + 0.0012$$

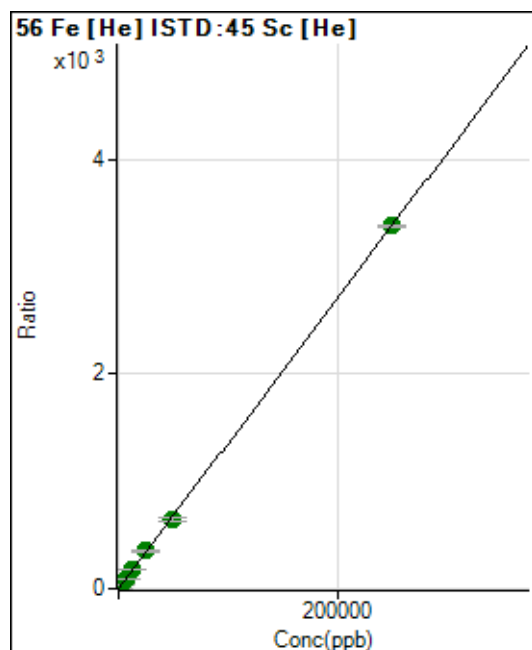
$$R = 0.9993$$

$$DL = 0.1065$$

$$BEC = 0.1496$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8069.03	0.0490	P	2.4
2	☐	50.000	54.837	129929.49	0.7891	P	0.7
3	☐	2500.000	2627.368	5928038.52	35.5073	A	0.9
4	☐	6250.000	6589.984	14259544.51	88.9858	A	0.9
5	☐	12500.000	13027.227	27191727.10	175.8613	A	2.3
6	☐	25000.000	25943.110	53841976.42	350.1708	A	1.6
7	☐	50000.000	48024.822	104403318.4	648.1801	A	5.4
8	☐	250000.00	250264.58	463024321.9	3,377.557	A	0.2

$$y = 0.0135 * x + 0.0490$$

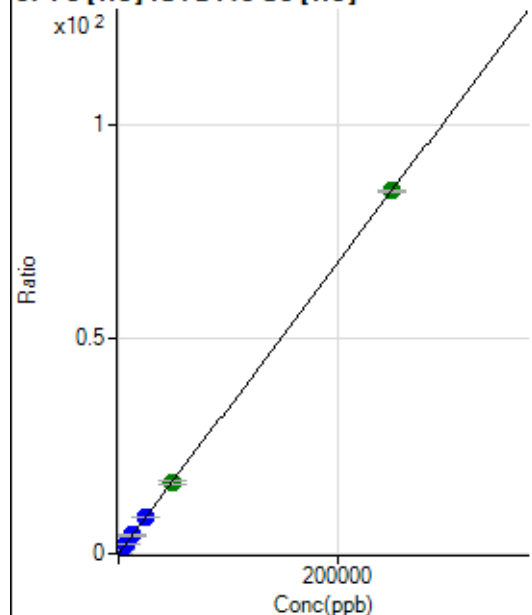
$$R = 0.9999$$

$$DL = 0.2575$$

$$BEC = 3.634$$

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	183.34	0.0011	P	14.4
2	☐	50.000	53.622	3167.05	0.0192	P	1.8
3	☐	2500.000	2548.696	143978.40	0.8624	P	0.9
4	☐	6250.000	6369.774	345139.49	2.1537	P	1.1
5	☐	12500.000	12649.048	661147.62	4.2756	P	1.9
6	☐	25000.000	25055.375	1302092.19	8.4681	P	1.1
7	☐	50000.000	49015.777	2668408.76	16.5650	A	5.2
8	☐	250000.00	250180.37	11589914.96	84.5447	A	0.6

$$y = 3.3793\text{E-}004 * x + 0.0011$$

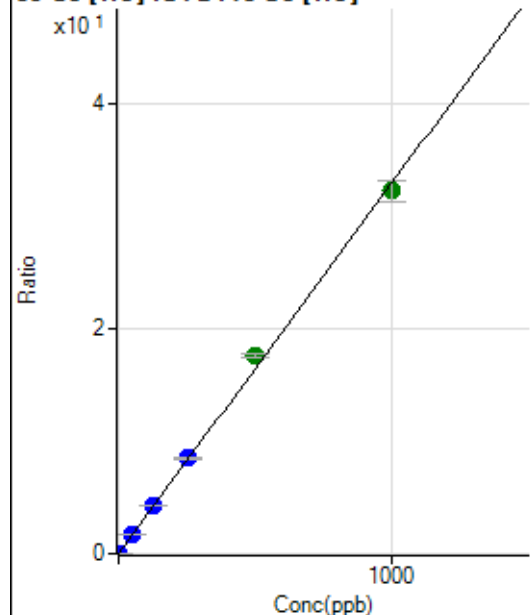
R = 1.0000

DL = 1.429

BEC = 3.296

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	176.67	0.0011	P	26.1
2	☐	1.000	1.130	6310.35	0.0383	P	1.7
3	☐	50.000	51.929	286018.79	1.7132	P	1.1
4	☐	125.000	129.958	686728.14	4.2859	P	0.4
5	☐	250.000	258.378	1317492.50	8.5199	P	1.8
6	☐	500.000	534.784	2711445.31	17.6332	A	1.1
7	☐	1000.000	979.797	5202623.78	32.3055	A	5.8
8	☐			9505.46	0.0693	P	1.1

$$y = 0.0330 * x + 0.0011$$

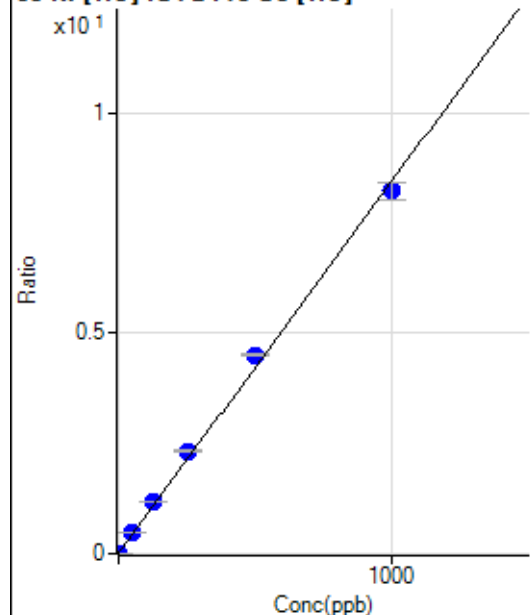
R = 0.9990

DL = 0.02557

BEC = 0.0327

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1528.99	0.0093	P	7.0
2	☐	1.000	1.122	3088.14	0.0188	P	3.3
3	☐	50.000	55.258	79305.91	0.4750	P	1.5
4	☐	125.000	139.951	190493.40	1.1889	P	0.5
5	☐	250.000	274.859	359678.56	2.3259	P	1.6
6	☐	500.000	533.403	692720.31	4.5050	P	1.0
7	☐	1000.000	974.952	1325263.78	8.2265	P	5.0
8	☐			5793.45	0.0423	P	1.7

$$y = 0.0084 * x + 0.0093$$

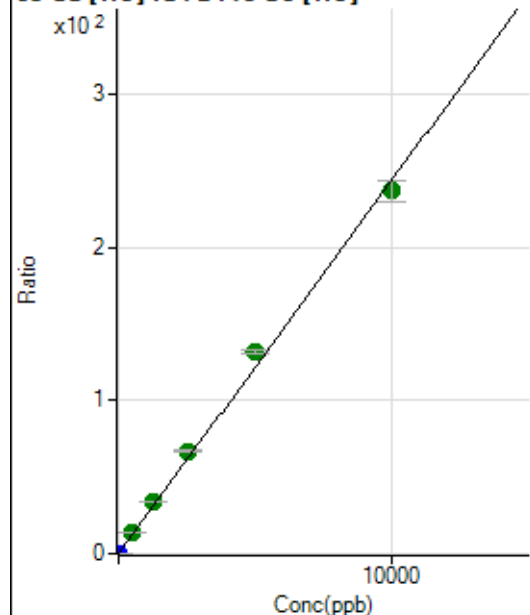
$$R = 0.9988$$

$$DL = 0.2305$$

$$BEC = 1.104$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2852.54	0.0173	P	2.5
2	☐	2.000	2.311	12118.57	0.0736	P	0.7
3	☐	500.000	555.681	2261786.08	13.5472	A	0.1
4	☐	1250.000	1382.362	5395335.10	33.6754	A	0.1
5	☐	2500.000	2744.547	10334509.29	66.8423	A	2.7
6	☐	5000.000	5388.510	20175262.89	131.2181	A	2.0
7	☐	10000.000	9725.279	38143519.71	236.8109	A	5.5
8	☐			8949.56	0.0653	P	2.4

$$y = 0.0243 * x + 0.0173$$

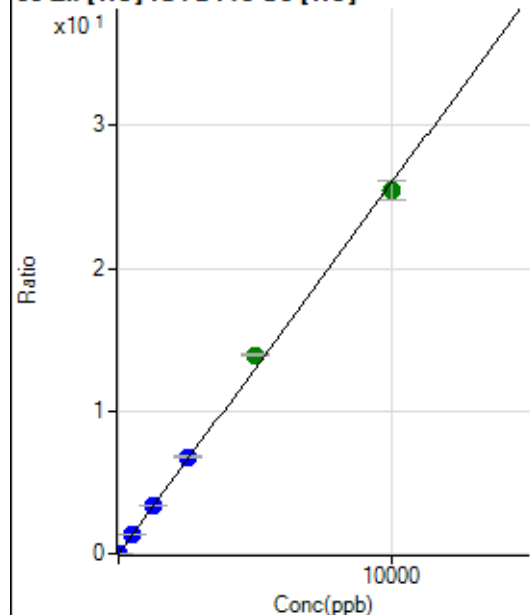
$$R = 0.9985$$

$$DL = 0.0544$$

$$BEC = 0.7121$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	247.78	0.0015	P	9.9
2	☐	5.000	5.798	2726.95	0.0166	P	3.3
3	☐	500.000	521.844	226512.84	1.3567	P	0.2
4	☐	1250.000	1305.407	543408.98	3.3916	P	0.1
5	☐	2500.000	2594.653	1042148.99	6.7398	P	2.1
6	☐	5000.000	5364.334	2142278.11	13.9326	A	1.5
7	☐	10000.000	9786.151	4093843.52	25.4161	A	5.3
8	☐			5176.55	0.0378	P	4.1

$$y = 0.0026 * x + 0.0015$$

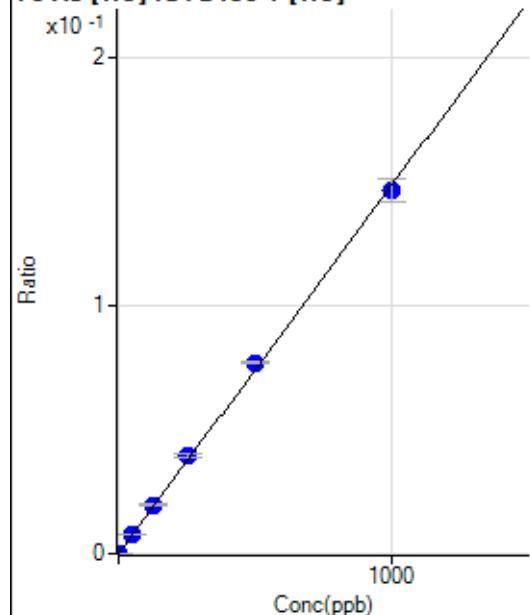
$$R = 0.9989$$

$$DL = 0.1729$$

$$BEC = 0.5799$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0000	P	50.5
2	☐	1.000	1.267	313.34	0.0002	P	13.3
3	☐	50.000	51.966	12803.69	0.0077	P	1.7
4	☐	125.000	132.360	30991.89	0.0197	P	1.9
5	☐	250.000	265.069	60349.51	0.0394	P	3.1
6	☐	500.000	519.455	118184.65	0.0772	P	0.5
7	☐	1000.000	985.486	233494.31	0.1465	P	6.4
8	☐			108.89	0.0001	P	25.5

$$y = 1.4868E-004 * x + 4.1011E-006$$

$$R = 0.9996$$

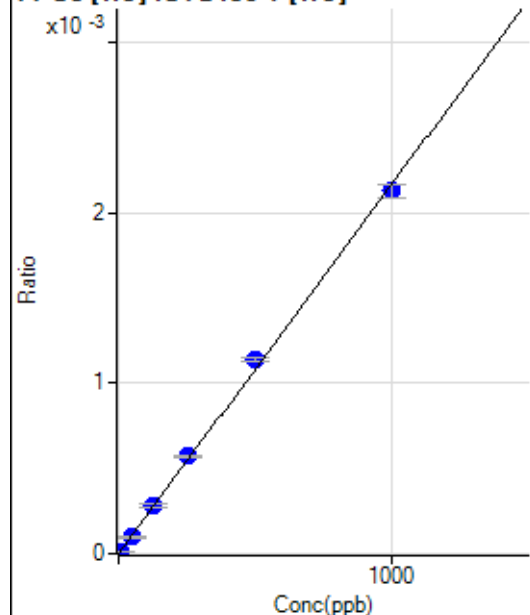
$$DL = 0.04179$$

$$BEC = 0.02758$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.425	15.56	0.0000	P	33.5
3	☐	50.000	45.597	163.34	0.0001	P	9.0
4	☐	125.000	131.285	446.68	0.0003	P	8.6
5	☐	250.000	263.545	873.37	0.0006	P	1.9
6	☐	500.000	525.442	1739.01	0.0011	P	2.4
7	☐	1000.000	983.330	3399.33	0.0021	P	4.0
8	☐			2.22	0.0000	P	173.2

$$y = 2.1629\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9993$$

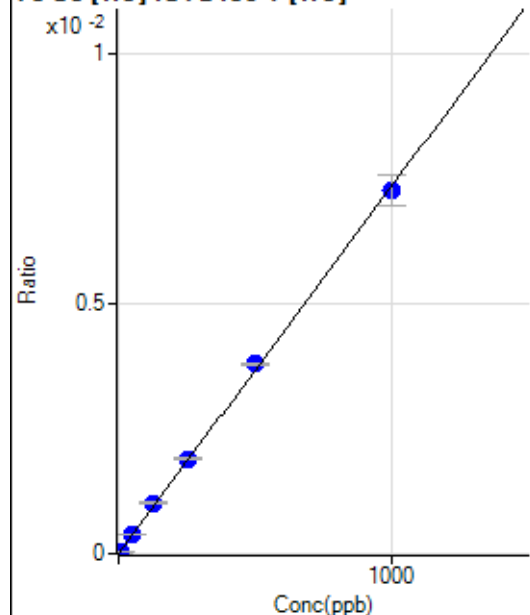
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.44	0.0000	P	115.4
2	☐	5.000	5.094	65.56	0.0000	P	17.0
3	☐	50.000	52.937	648.91	0.0004	P	2.8
4	☐	125.000	136.902	1589.00	0.0010	P	2.6
5	☐	250.000	258.036	2908.11	0.0019	P	2.6
6	☐	500.000	516.329	5810.14	0.0038	P	1.4
7	☐	1000.000	988.191	11569.29	0.0073	P	8.3
8	☐			10.00	0.0000	P	32.6

$$y = 7.3485\text{E-}006 * x + 2.7703\text{E-}006$$

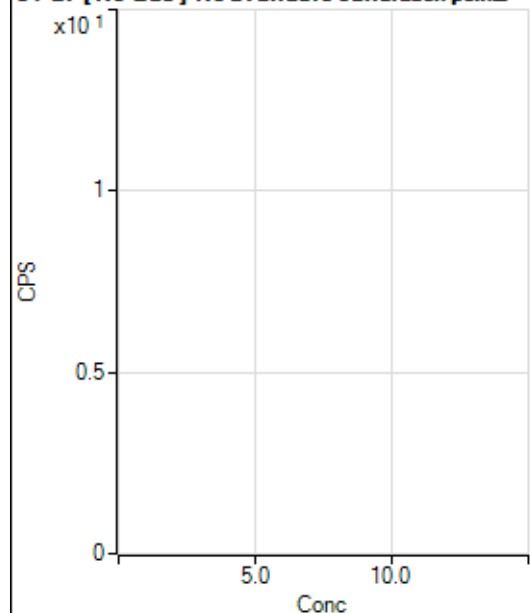
$$R = 0.9997$$

$$DL = 1.305$$

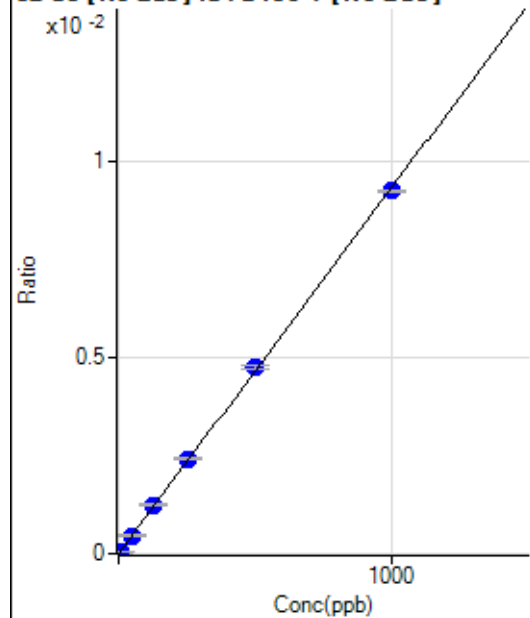
$$BEC = 0.377$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5992.45		P	3.8
2	☐			5926.86		P	1.2
3	☐			5874.63		P	2.0
4	☐			6150.29		P	2.9
5	☐			5897.97		P	2.8
6	☐			5937.99		P	3.2
7	☐			6373.72		P	0.9
8	☐			6377.06		P	3.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-40.00	0.0000	P	-59.9
2	☐	5.000	5.430	1170.08	0.0000	P	4.5
3	☐	50.000	49.655	11631.73	0.0005	P	7.1
4	☐	125.000	132.835	29231.99	0.0012	P	4.6
5	☐	250.000	259.812	56393.54	0.0024	P	0.9
6	☐	500.000	509.446	109345.07	0.0048	P	1.9
7	☐	1000.000	991.860	211821.24	0.0093	P	0.7
8	☐			-26.67	0.0000	P	-251.

$$y = 9.3359E-006 * x - 1.7073E-006$$

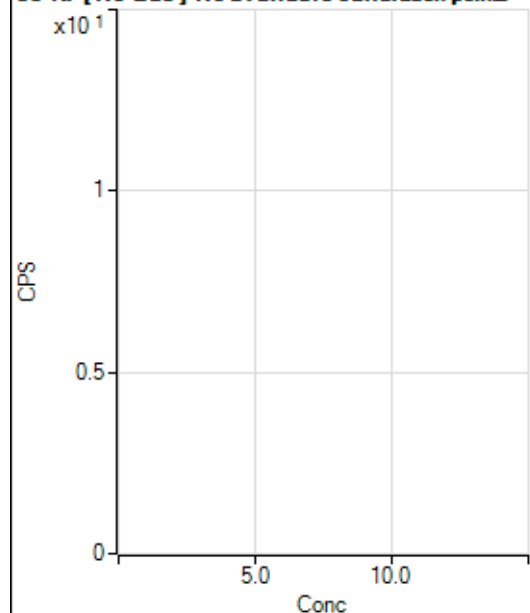
$$R = 0.9999$$

$$DL = 0.3284$$

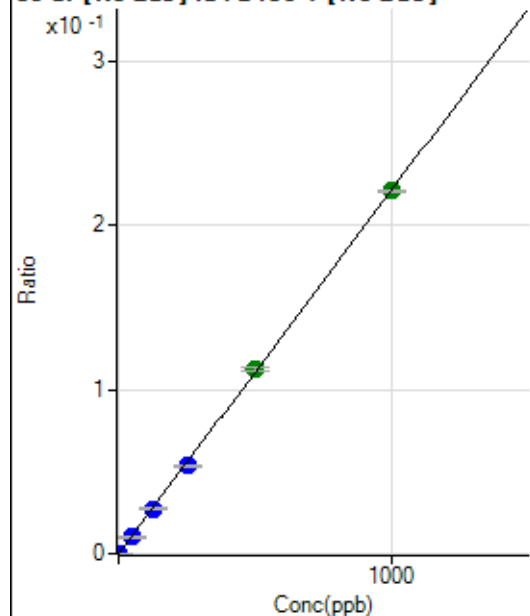
$$BEC = -0.1829$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			195.56		P	9.4
2	☐			188.89		P	9.7
3	☐			167.78		P	20.9
4	☐			178.89		P	13.2
5	☐			177.78		P	6.6
6	☐			218.89		P	1.8
7	☐			220.00		P	14.5
8	☐			353.34		P	21.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	310.01	0.0000	P	2.9
2	☐	1.000	0.993	5568.93	0.0002	P	5.0
3	☐	50.000	45.666	254952.60	0.0101	P	8.3
4	☐	125.000	122.760	642335.05	0.0272	P	3.9
5	☐	250.000	241.801	1246664.24	0.0536	P	2.7
6	☐	500.000	508.606	2591942.88	0.1127	A	2.4
7	☐	1000.000	998.244	5059881.56	0.2212	A	0.5
8	☐			12557.97	0.0006	P	1.6

$$y = 2.2155E-004 * x + 1.3239E-005$$

$$R = 0.9999$$

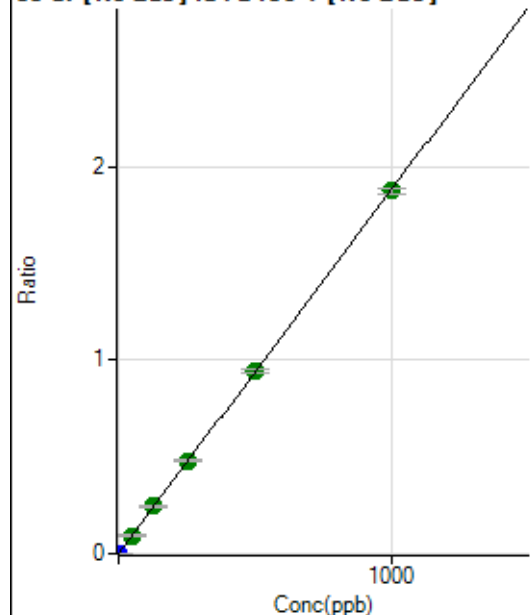
$$DL = 0.005256$$

$$BEC = 0.05976$$

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	407.79	0.0000	P	3.0
2	☐	1.000	0.964	43739.36	0.0018	P	3.4
3	☐	50.000	49.186	2330925.33	0.0926	A	8.3
4	☐	125.000	129.781	5766568.80	0.2444	A	5.0
5	☐	250.000	255.589	11195869.49	0.4812	A	2.2
6	☐	500.000	502.908	21775486.62	0.9468	A	1.8
7	☐	1000.000	996.592	42932629.08	1.8763	A	1.8
8	☐			103607.60	0.0052	P	0.7

$$y = 0.0019 * x + 1.7415E-005$$

$$R = 1.0000$$

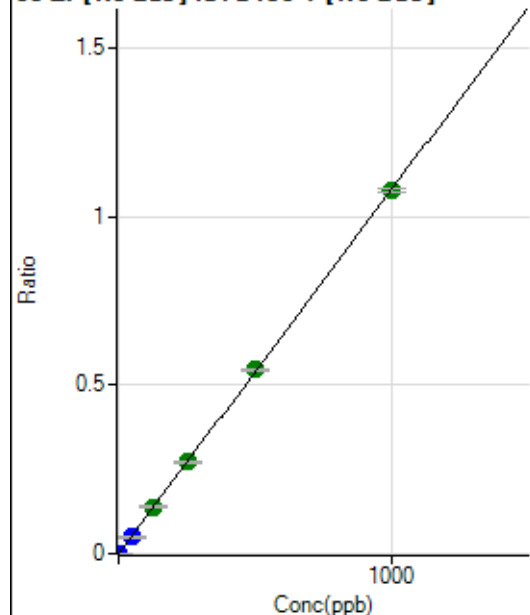
$$DL = 0.0008344$$

$$BEC = 0.00925$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	727.81	0.0000	P	5.0
2	☐	1.000	0.995	26427.28	0.0011	P	2.0
3	☐	50.000	45.342	1234502.72	0.0491	P	8.5
4	☐	125.000	128.176	3271831.97	0.1386	A	4.5
5	☐	250.000	252.462	6351258.31	0.2730	A	2.1
6	☐	500.000	505.116	12560530.93	0.5462	A	1.2
7	☐	1000.000	996.662	24657292.97	1.0777	A	0.9
8	☐			12991.71	0.0007	P	2.7

$$y = 0.0011 * x + 3.1083E-005$$

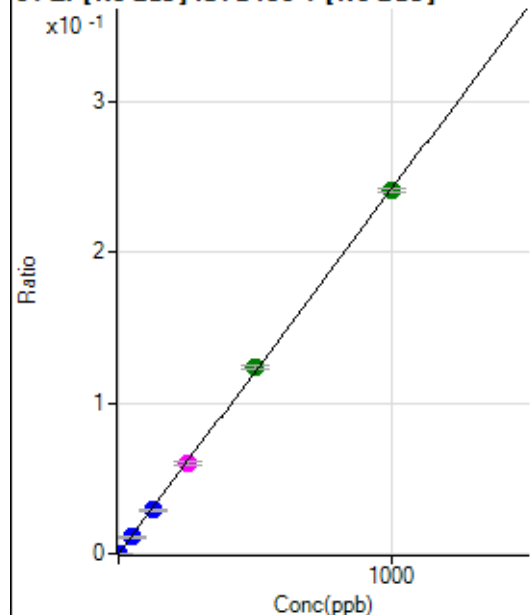
$$R = 1.0000$$

$$DL = 0.004329$$

$$BEC = 0.02875$$

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	153.34	0.0000	P	11.3
2	☐	1.000	0.980	5810.16	0.0002	P	4.2
3	☐	50.000	44.863	273058.90	0.0108	P	7.9
4	☐	125.000	120.968	690113.63	0.0292	P	4.4
5	☐	250.000	248.548	1397650.90	0.0601	M	5.2
6	☐	500.000	511.452	2842381.76	0.1236	A	1.6
7	☐	1000.000	995.398	5503360.16	0.2405	A	1.2
8	☐			2964.79	0.0001	P	3.7

$$y = 2.4164\text{E-}004 * x + 6.5479\text{E-}006$$

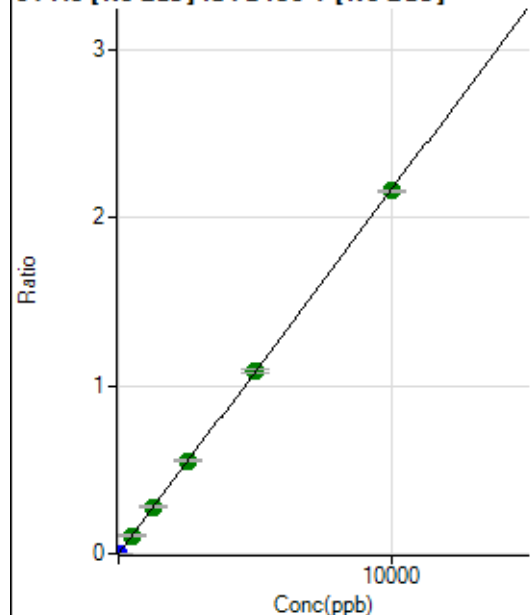
$$R = 0.9999$$

$$DL = 0.009183$$

$$BEC = 0.0271$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	522.24	0.0000	P	3.8
2	☐	5.000	5.962	31378.68	0.0013	P	4.5
3	☐	500.000	483.496	2637155.07	0.1048	A	8.4
4	☐	1250.000	1291.344	6604291.36	0.2799	A	5.2
5	☐	2500.000	2544.846	12830412.17	0.5515	A	2.4
6	☐	5000.000	5039.805	25118300.18	1.0921	A	2.1
7	☐	10000.000	9964.543	49403889.82	2.1593	A	0.8
8	☐			11944.17	0.0006	P	11.8

$$y = 2.1670\text{E-}004 * x + 2.2306\text{E-}005$$

$$R = 1.0000$$

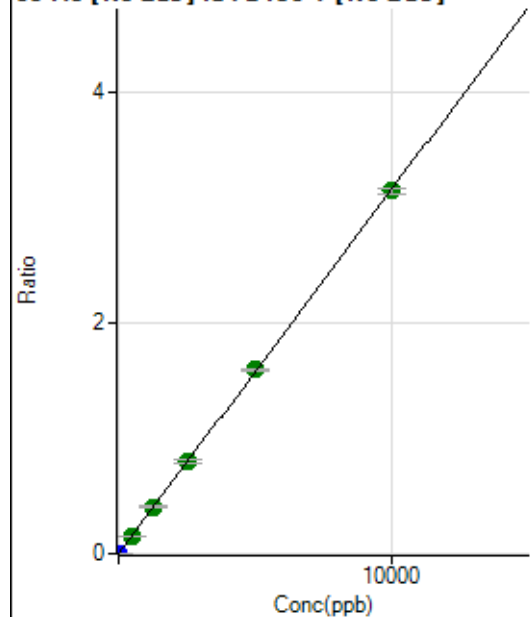
$$DL = 0.01176$$

$$BEC = 0.1029$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	532.24	0.0000	P	3.9
2	☐	5.000	4.908	37472.60	0.0016	P	2.4
3	☐	500.000	479.146	3798346.96	0.1510	A	9.0
4	☐	1250.000	1287.477	9573417.36	0.4057	A	5.0
5	☐	2500.000	2534.244	18576371.81	0.7985	A	2.5
6	☐	5000.000	5048.313	36575983.07	1.5906	A	0.9
7	☐	10000.000	9963.641	71831217.82	3.1392	A	1.6
8	☐			10757.68	0.0005	P	15.4

$$y = 3.1506\text{E-}004 * x + 2.2733\text{E-}005$$

$$R = 1.0000$$

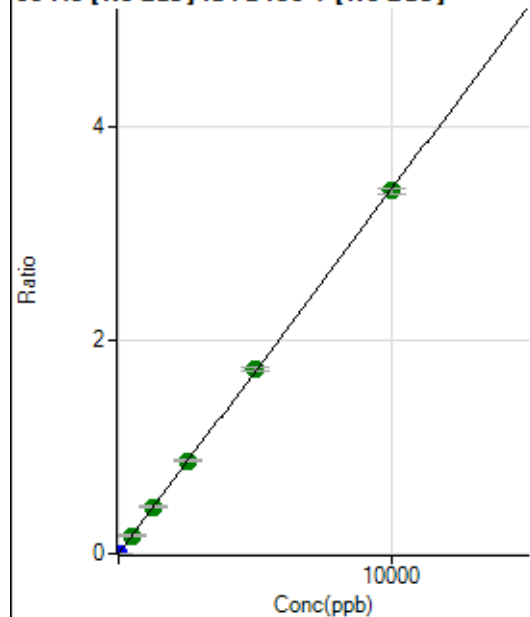
$$DL = 0.008374$$

$$BEC = 0.07215$$

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	635.58	0.0000	P	5.8
2	☐	5.000	5.032	41648.97	0.0017	P	2.5
3	☐	500.000	481.704	4135838.58	0.1644	A	8.6
4	☐	1250.000	1283.341	10336723.39	0.4379	A	3.8
5	☐	2500.000	2558.071	20304742.48	0.8728	A	2.5
6	☐	5000.000	5058.223	39685073.30	1.7257	A	1.3
7	☐	10000.000	9953.118	77695502.17	3.3957	A	1.4
8	☐			14753.58	0.0007	P	11.0

$$y = 3.4116\text{E-}004 * x + 2.7143\text{E-}005$$

$$R = 0.9999$$

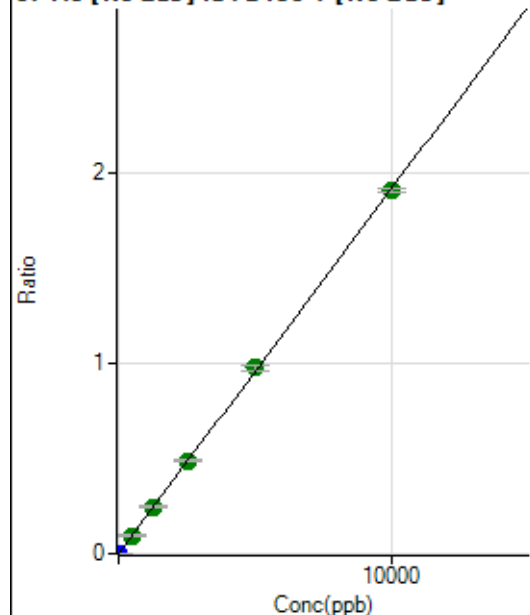
$$DL = 0.01378$$

$$BEC = 0.07956$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	332.23	0.0000	P	2.3
2	☐	5.000	4.929	22945.71	0.0010	P	3.5
3	☐	500.000	482.776	2333612.05	0.0927	A	8.7
4	☐	1250.000	1279.316	5801103.59	0.2457	A	3.8
5	☐	2500.000	2543.288	11366011.78	0.4885	A	2.7
6	☐	5000.000	5089.562	22484445.64	0.9776	A	2.4
7	☐	10000.000	9941.594	43691045.74	1.9095	A	1.1
8	☐			5567.86	0.0003	P	17.4

$$y = 1.9207\text{E-}004 * x + 1.4190\text{E-}005$$

$$R = 0.9999$$

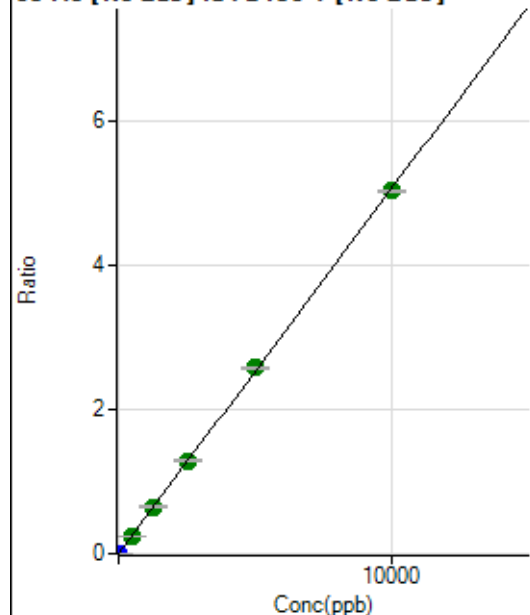
$$DL = 0.005192$$

$$BEC = 0.07388$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	778.92	0.0000	P	6.8
2	☐	5.000	4.936	60460.93	0.0025	P	3.3
3	☐	500.000	475.139	6054186.30	0.2406	A	8.3
4	☐	1250.000	1288.584	15401005.74	0.6524	A	3.7
5	☐	2500.000	2541.138	29929033.16	1.2864	A	2.3
6	☐	5000.000	5090.644	59269079.67	2.5771	A	1.8
7	☐	10000.000	9940.814	115135346.0	5.0324	A	0.7
8	☐			13585.88	0.0007	P	19.7

$$y = 5.0624\text{E-}004 * x + 3.3266\text{E-}005$$

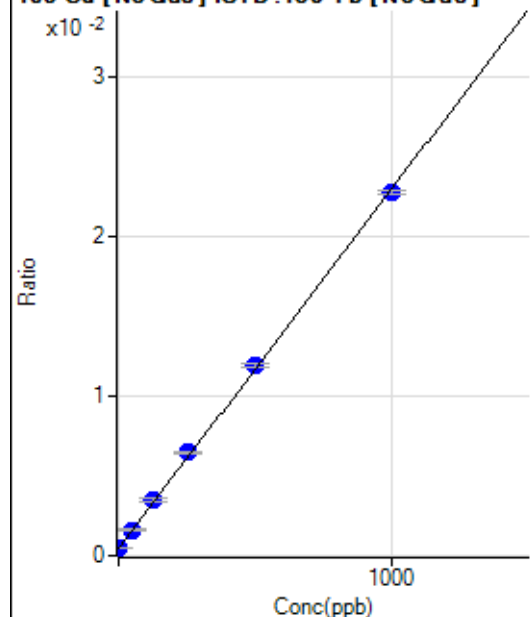
$$R = 0.9999$$

$$DL = 0.01337$$

$$BEC = 0.06571$$

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	7426.50	0.0004	P	1.0
2	☐	1.000	0.793	7885.64	0.0005	P	3.2
3	☐	50.000	51.281	29072.83	0.0016	P	6.7
4	☐	125.000	135.884	60484.00	0.0035	P	5.2
5	☐	250.000	267.035	110185.32	0.0065	P	1.3
6	☐	500.000	509.597	203139.33	0.0119	P	2.0
7	☐	1000.000	989.518	385834.37	0.0228	P	1.1
8	☐			6002.47	0.0004	P	1.6

$$y = 2.2556\text{E-}005 * x + 4.3701\text{E-}004$$

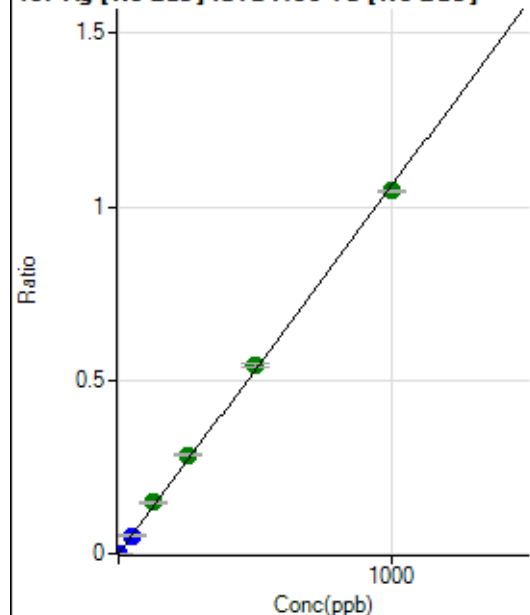
$$R = 0.9997$$

$$DL = 0.603$$

$$BEC = 19.37$$

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	164.45	0.0000	P	4.4
2	☐	1.000	0.992	18386.74	0.0011	P	1.5
3	☐	50.000	48.779	941884.13	0.0517	P	8.8
4	☐	125.000	138.673	2537182.03	0.1470	A	6.3
5	☐	250.000	267.471	4834660.72	0.2834	A	2.4
6	☐	500.000	514.324	9279013.96	0.5450	A	2.0
7	☐	1000.000	986.822	17729304.87	1.0457	A	0.8
8	☐			2368.01	0.0002	P	15.2

$$y = 0.0011 * x + 9.6778\text{E-}006$$

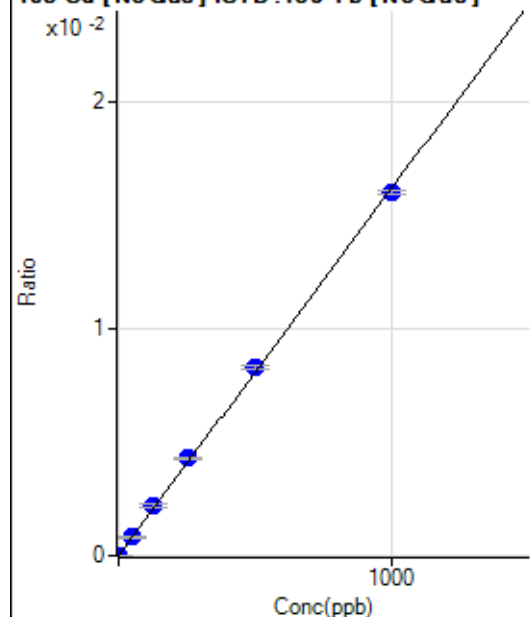
$$R = 0.9996$$

$$DL = 0.001197$$

$$BEC = 0.009133$$

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	25.55	0.0000	P	14.8
2	☐	1.000	1.018	311.12	0.0000	P	12.4
3	☐	50.000	51.414	15152.87	0.0008	P	9.7
4	☐	125.000	137.946	38494.74	0.0022	P	6.9
5	☐	250.000	265.596	73213.16	0.0043	P	2.3
6	☐	500.000	512.576	141001.72	0.0083	P	1.6
7	☐	1000.000	988.124	270662.70	0.0160	P	1.2
8	☐			166.67	0.0000	P	22.9

$$y = 1.6155\text{E-}005 * x + 1.5034\text{E-}006$$

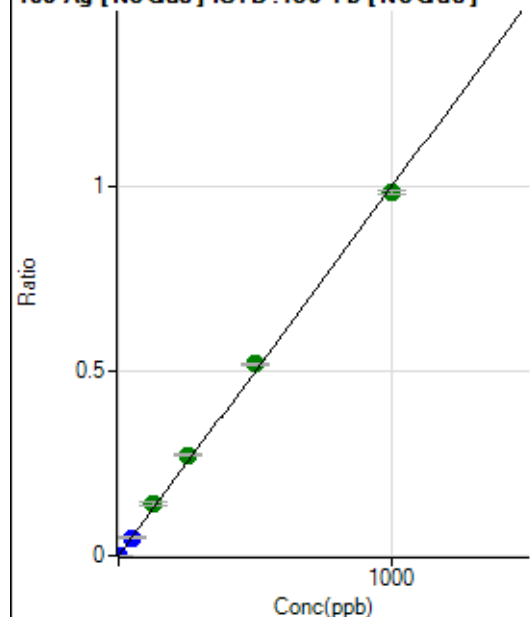
$$R = 0.9997$$

$$DL = 0.04132$$

$$BEC = 0.09306$$

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	67.78	0.0000	P	24.9
2	☐	1.000	1.022	17778.23	0.0010	P	1.7
3	☐	50.000	49.461	901178.05	0.0495	P	8.9
4	☐	125.000	140.009	2418429.53	0.1400	A	5.0
5	☐	250.000	271.589	4632622.29	0.2716	A	1.9
6	☐	500.000	518.679	8830295.29	0.5187	A	1.2
7	☐	1000.000	983.414	16674810.72	0.9834	A	1.0
8	☐			2257.99	0.0002	P	12.7

$$y = 0.0010 * x + 3.9859\text{E-}006$$

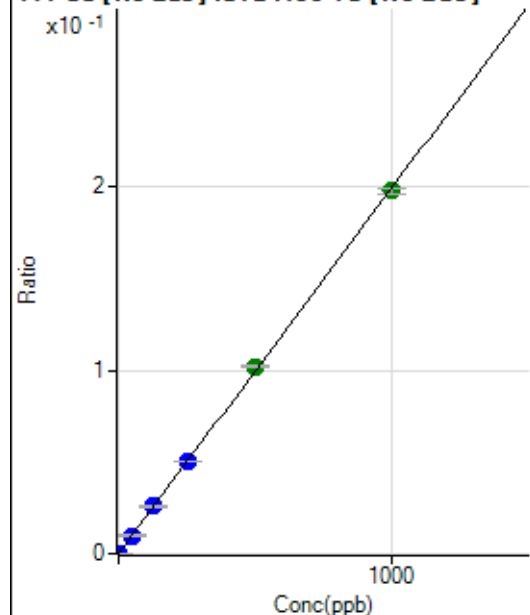
$$R = 0.9994$$

$$DL = 0.002974$$

$$BEC = 0.003986$$

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	1508.53	0.0001	P	1.2
2	☐	1.000	1.081	5271.06	0.0003	P	1.6
3	☐	50.000	48.988	179408.88	0.0098	P	9.1
4	☐	125.000	129.346	446606.55	0.0259	P	5.3
5	☐	250.000	252.155	858379.83	0.0503	P	1.0
6	☐	500.000	511.926	1737967.87	0.1021	A	1.6
7	☐	1000.000	993.006	3356285.33	0.1979	A	1.6
8	☐			1937.19	0.0001	P	2.6

$$y = 1.9924\text{E-}004 * x + 8.8768\text{E-}005$$

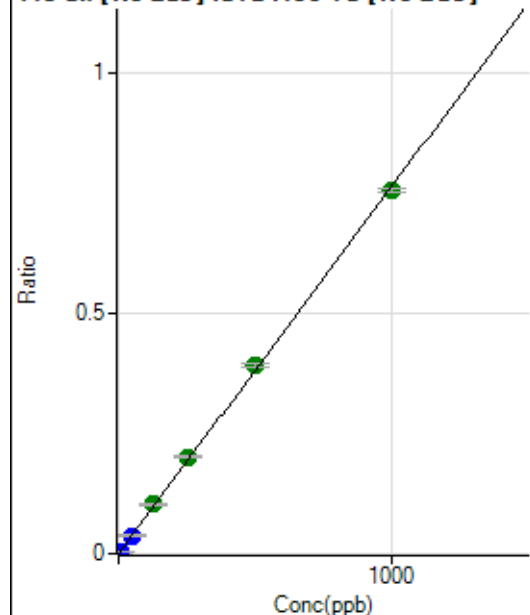
$$R = 0.9999$$

$$DL = 0.01599$$

$$BEC = 0.4455$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	856.73	0.0001	P	2.5
2	☐	5.000	4.708	63219.78	0.0036	P	1.5
3	☐	50.000	48.162	671317.16	0.0369	P	9.0
4	☐	125.000	135.102	1783726.03	0.1033	A	5.3
5	☐	250.000	263.813	3439156.48	0.2016	A	2.2
6	☐	500.000	513.366	6678842.11	0.3923	A	1.5
7	☐	1000.000	988.695	12809157.53	0.7555	A	1.0
8	☐			3874.24	0.0003	P	11.5

$$y = 7.6409\text{E-}004 * x + 5.0411\text{E-}005$$

$$R = 0.9997$$

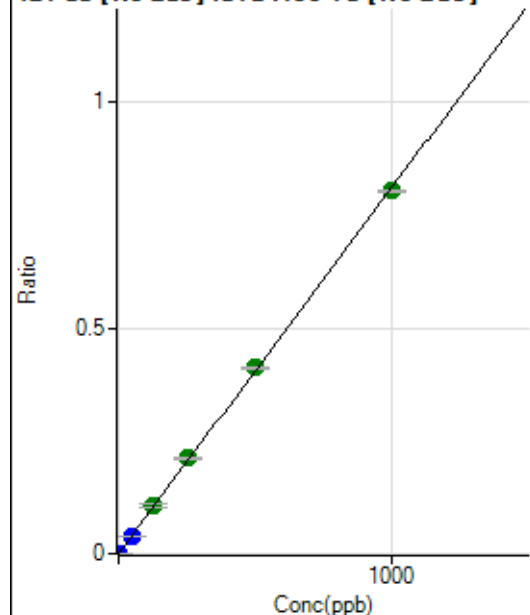
$$DL = 0.005037$$

$$BEC = 0.06598$$

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	95.56	0.0000	P	11.8
2	☐	2.000	2.022	28463.00	0.0016	P	1.4
3	☐	50.000	47.282	697386.27	0.0383	P	8.7
4	☐	125.000	132.189	1846730.32	0.1070	A	7.2
5	☐	250.000	261.254	3606792.83	0.2115	A	1.4
6	☐	500.000	508.568	7007799.83	0.4116	A	1.2
7	☐	1000.000	992.140	13615004.24	0.8030	A	0.7
8	☐			8727.32	0.0006	P	4.9

$$y = 8.0939\text{E-}004 * x + 5.6210\text{E-}006$$

$$R = 0.9998$$

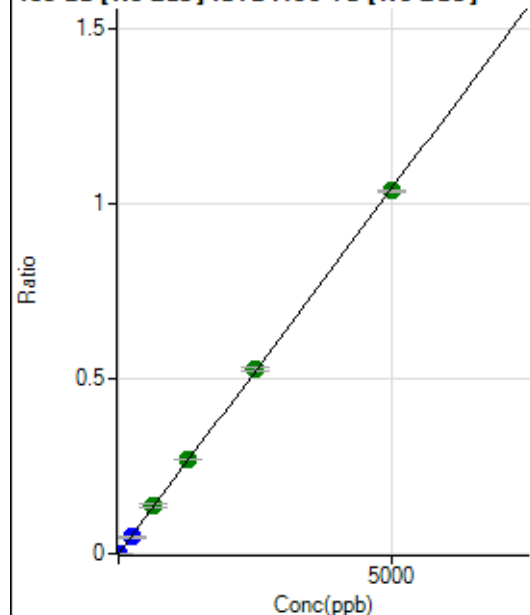
$$DL = 0.002454$$

$$BEC = 0.006945$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	286.67	0.0000	P	21.8
2	☐	10.000	10.119	36863.37	0.0021	P	1.4
3	☐	250.000	232.515	883637.46	0.0485	P	8.8
4	☐	625.000	660.035	2376447.47	0.1376	A	6.2
5	☐	1250.000	1292.102	4595443.44	0.2694	A	0.9
6	☐	2500.000	2530.686	8983879.17	0.5277	A	1.6
7	☐	5000.000	4970.626	17572769.32	1.0364	A	0.7
8	☐			7235.33	0.0005	P	7.1

$$y = 2.0851\text{E-}004 * x + 1.6873\text{E-}005$$

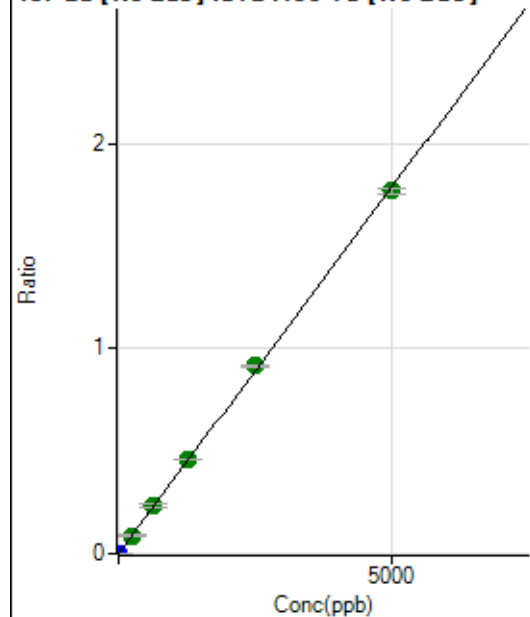
$$R = 0.9999$$

$$DL = 0.05287$$

$$BEC = 0.08092$$

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	444.46	0.0000	P	2.0
2	☐	10.000	10.280	64124.27	0.0037	P	1.8
3	☐	250.000	245.674	1599865.95	0.0878	A	9.0
4	☐	625.000	656.518	4052563.24	0.2346	A	5.2
5	☐	1250.000	1289.261	7858669.53	0.4608	A	1.6
6	☐	2500.000	2561.422	15583035.74	0.9154	A	1.0
7	☐	5000.000	4955.750	30029615.38	1.7710	A	1.4
8	☐			12618.22	0.0008	P	7.4

$$y = 3.5736E-004 * x + 2.6157E-005$$

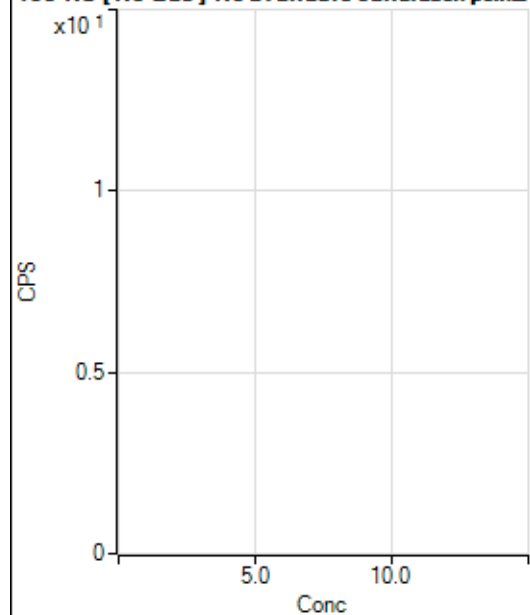
$$R = 0.9998$$

$$DL = 0.004369$$

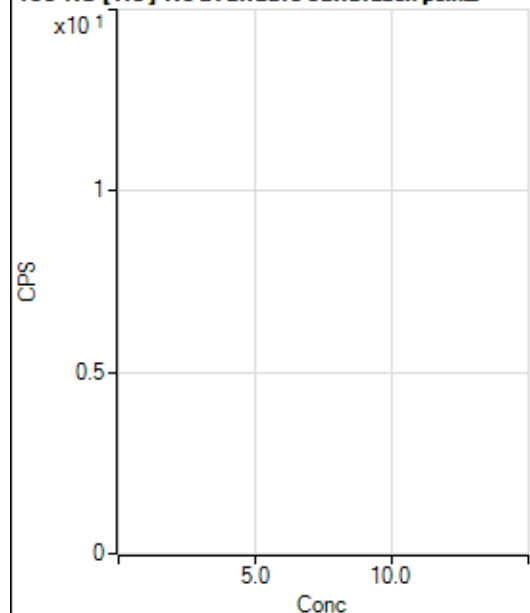
$$BEC = 0.07319$$

Weight: <None>

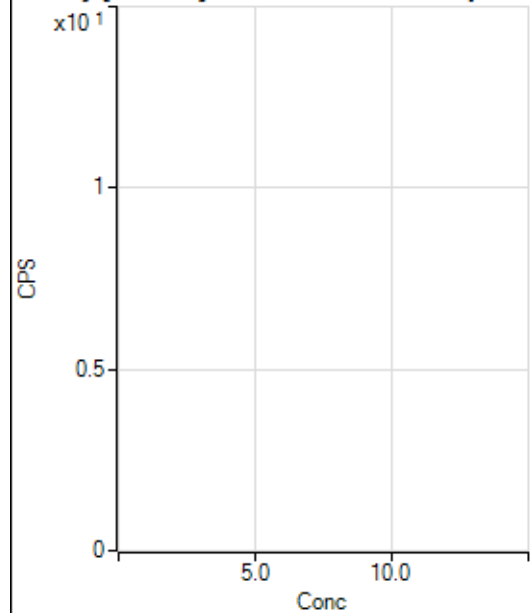
Min Conc: 0

150 Nd [No Gas] No available calibration points

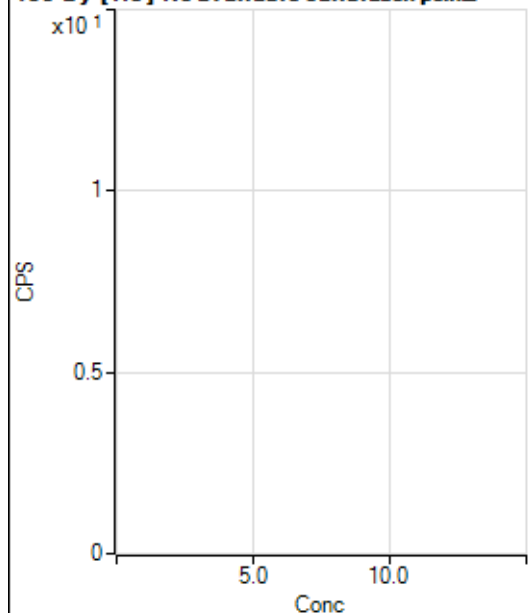
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	51.0
2	☐			20.00		P	16.7
3	☐			94.45		P	19.4
4	☐			227.78		P	8.6
5	☐			410.01		P	7.3
6	☐			775.59		P	11.1
7	☐			1465.65		P	7.1
8	☐			317.79		P	9.5

150 Nd [He] No available calibration points

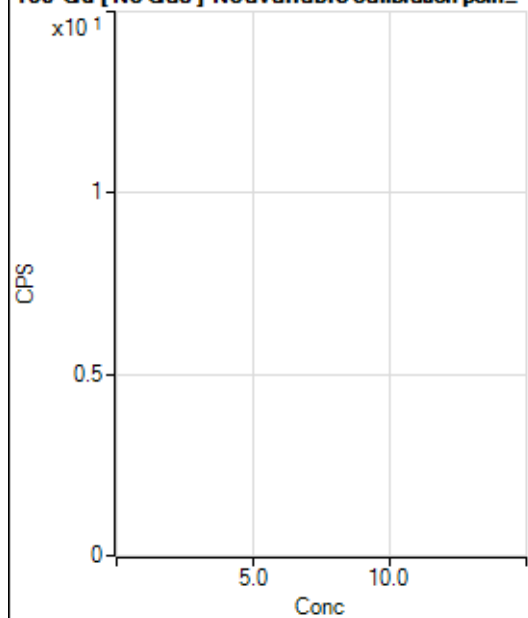
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.2
3	☐			8.89		P	21.6
4	☐			12.22		P	15.7
5	☐			10.00		P	33.3
6	☐			30.00		P	11.1
7	☐			33.33		P	26.4
8	☐			67.78		P	22.2

156 Dy [No Gas] No available calibration points

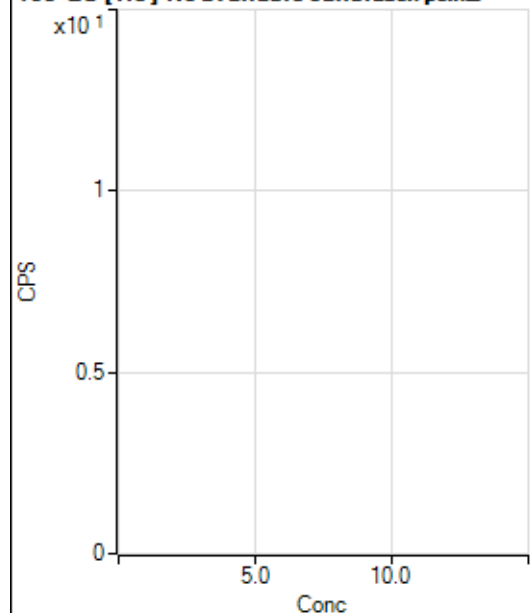
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			138.89		P	9.7
2	☐			111.11		P	15.1
3	☐			127.78		P	12.1
4	☐			127.78		P	17.4
5	☐			168.89		P	12.7
6	☐			281.12		P	24.5
7	☐			418.90		P	9.2
8	☐			591.13		P	3.2

156 Dy [He] No available calibration points

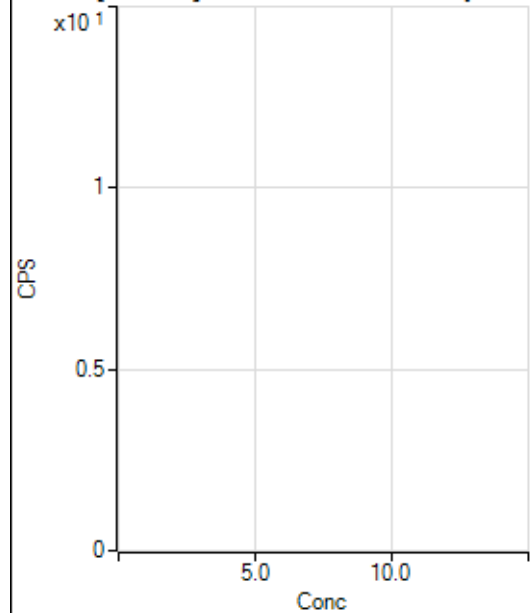
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.66		P	86.6
2	☐			3.33		P	100.1
3	☐			8.89		P	21.6
4	☐			7.78		P	24.7
5	☐			14.44		P	13.4
6	☐			38.89		P	26.2
7	☐			38.89		P	4.9
8	☐			168.89		P	14.5

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

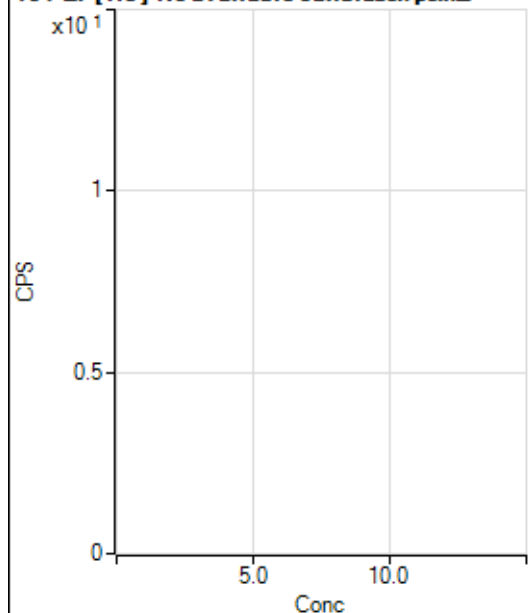
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	3.5
2	☐			72.22		P	16.2
3	☐			78.89		P	25.8
4	☐			87.78		P	9.6
5	☐			97.78		P	17.2
6	☐			141.11		P	17.7
7	☐			204.45		P	4.7
8	☐			470.01		P	8.6

160 Gd [He] No available calibration points

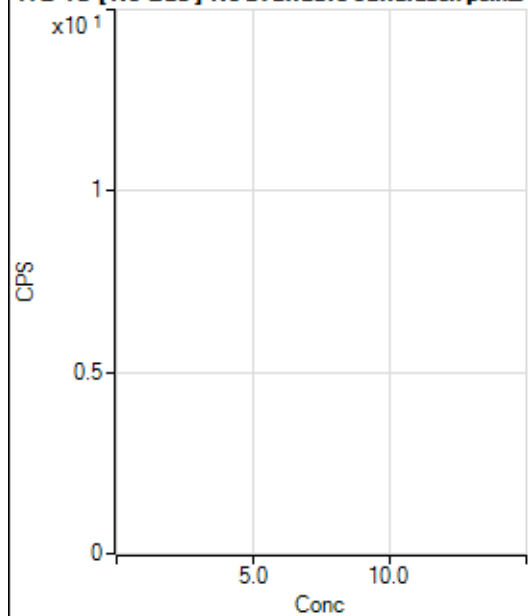
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐			13.33		P	75.0
3	☐			12.22		P	41.7
4	☐			12.22		P	41.7
5	☐			30.00		P	38.5
6	☐			47.78		P	10.7
7	☐			53.33		P	16.5
8	☐			203.34		P	17.7

164 Er [No Gas] No available calibration points

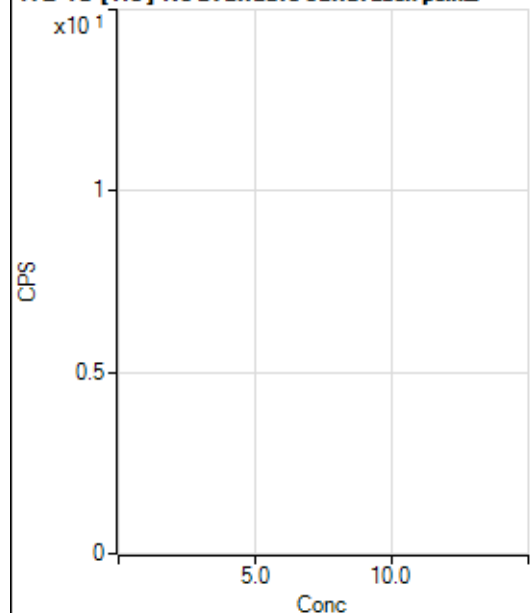
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.00		P	12.0
2	☐			101.11		P	30.6
3	☐			88.89		P	14.2
4	☐			102.22		P	1.9
5	☐			133.34		P	13.2
6	☐			177.78		P	8.5
7	☐			245.56		P	26.2
8	☐			550.02		P	6.2

164 Er [He] No available calibration points

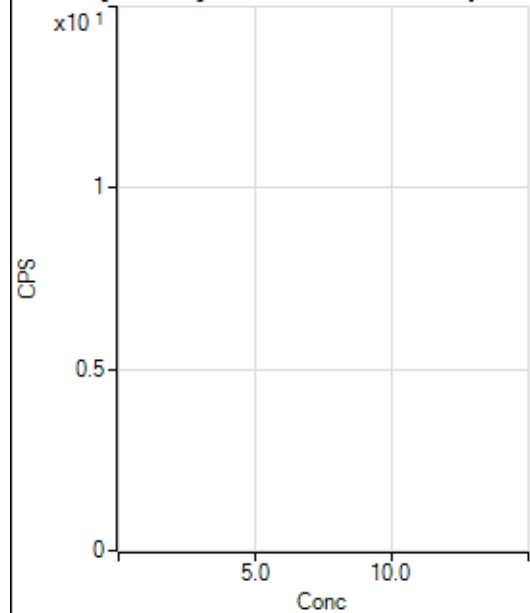
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	25.0
2	☐			28.89		P	6.7
3	☐			20.00		P	33.4
4	☐			27.78		P	18.3
5	☐			33.33		P	26.4
6	☐			56.67		P	36.7
7	☐			67.78		P	35.6
8	☐			182.23		P	24.9

172 Yb [No Gas] No available calibration points

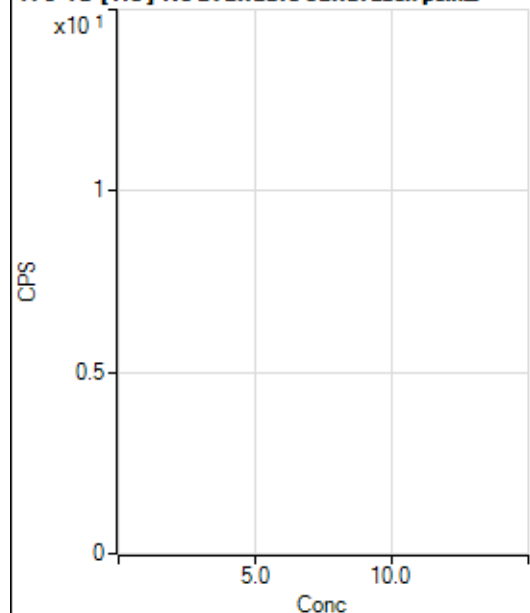
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			93.33		P	17.9
2	☐			98.89		P	14.0
3	☐			113.34		P	10.2
4	☐			127.78		P	15.7
5	☐			136.67		P	19.0
6	☐			203.34		P	21.3
7	☐			240.01		P	16.8
8	☐			663.36		P	5.4

172 Yb [He] No available calibration points

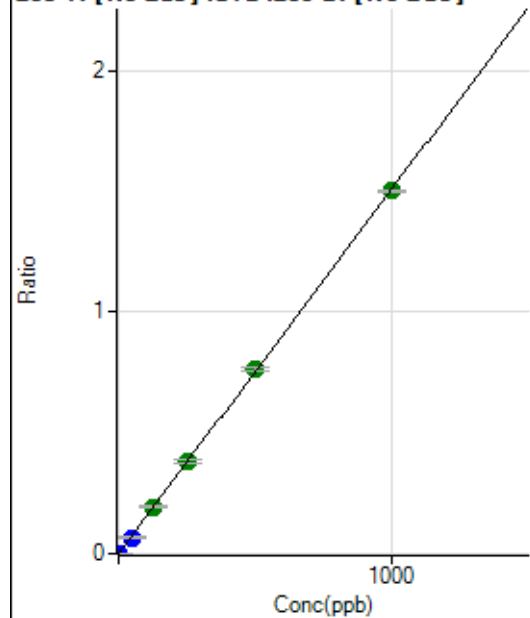
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	31.2
2	☐			37.78		P	5.1
3	☐			37.78		P	25.5
4	☐			32.22		P	26.0
5	☐			48.89		P	30.7
6	☐			73.34		P	34.3
7	☐			103.33		P	14.1
8	☐			250.00		P	7.4

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2112.41		P	6.2
2	☐			2171.32		P	4.6
3	☐			5593.47		P	4.4
4	☐			10545.40		P	0.3
5	☐			18488.58		P	3.5
6	☐			34637.63		P	3.3
7	☐			65331.60		P	2.3
8	☐			2193.55		P	5.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			358.90		P	14.8
2	☐			326.67		P	3.7
3	☐			1444.54		P	3.2
4	☐			3048.16		P	3.7
5	☐			5646.82		P	1.4
6	☐			11049.14		P	2.5
7	☐			21019.04		P	0.7
8	☐			383.35		P	4.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	264.45	0.0000	P	5.5
2	☐	1.000	0.944	15261.27	0.0014	P	5.3
3	☐	50.000	44.447	750399.08	0.0671	P	8.7
4	☐	125.000	127.268	2006603.89	0.1920	A	4.9
5	☐	250.000	252.403	3864080.53	0.3808	A	3.2
6	☐	500.000	506.273	7517879.33	0.7637	A	2.0
7	☐	1000.000	996.257	14484830.48	1.5029	A	0.4
8	☐			1642.35	0.0002	P	19.1

$$y = 0.0015 * x + 2.5632E-005$$

$$R = 0.9999$$

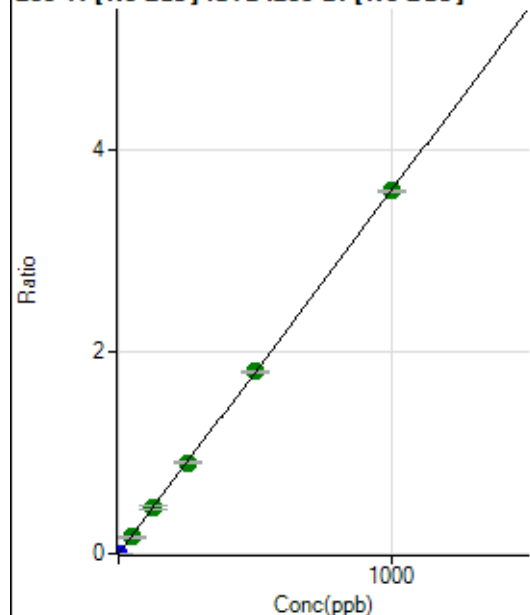
$$DL = 0.002809$$

$$BEC = 0.01699$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	703.36	0.0001	P	5.6
2	☐	1.000	0.952	36711.87	0.0035	P	1.7
3	☐	50.000	47.023	1888825.69	0.1689	A	8.9
4	☐	125.000	127.353	4778171.60	0.4572	A	4.7
5	☐	250.000	251.254	9154095.42	0.9019	A	3.1
6	☐	500.000	501.236	17709685.43	1.7992	A	1.6
7	☐	1000.000	998.923	34559890.87	3.5855	A	0.8
8	☐			3990.67	0.0005	P	18.8

$$y = 0.0036 * x + 6.8177E-005$$

$$R = 1.0000$$

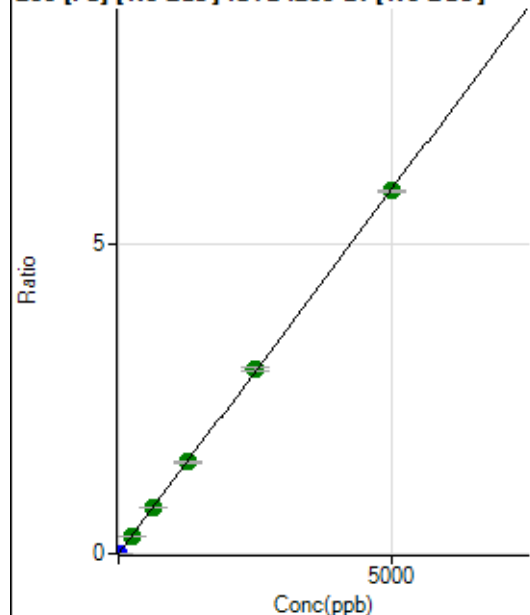
$$DL = 0.003169$$

$$BEC = 0.01899$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1597.90	0.0002	P	2.0
2	☐	1.000	0.990	13886.44	0.0013	P	1.9
3	☐	250.000	237.786	3125888.25	0.2795	A	9.5
4	☐	625.000	633.273	7778657.24	0.7442	A	4.1
5	☐	1250.000	1260.402	15029331.02	1.4810	A	3.1
6	☐	2500.000	2532.051	29284656.51	2.9750	A	1.7
7	☐	5000.000	4980.951	56409227.49	5.8522	A	0.3
8	☐			16848.88	0.0022	P	6.3

$$y = 0.0012 * x + 1.5489E-004$$

$$R = 1.0000$$

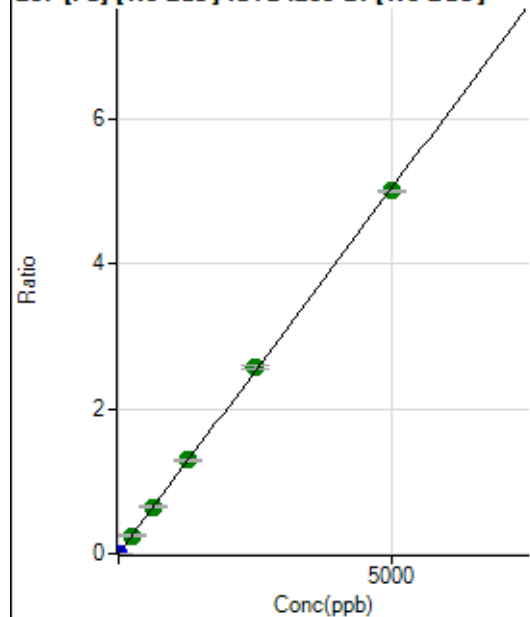
$$DL = 0.007934$$

$$BEC = 0.1318$$

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	1465.65	0.0001	P	5.4
2	☐	1.000	0.997	12082.39	0.0011	P	2.7
3	☐	250.000	242.620	2738468.26	0.2447	A	8.4
4	☐	625.000	641.590	6762541.50	0.6469	A	3.9
5	☐	1250.000	1276.607	13062094.95	1.2871	A	2.8
6	☐	2500.000	2551.501	25322184.90	2.5723	A	2.4
7	☐	5000.000	4965.893	48251109.84	5.0063	A	0.4
8	☐			14477.14	0.0019	P	7.6

$$y = 0.0010 * x + 1.4205E-004$$

$$R = 0.9999$$

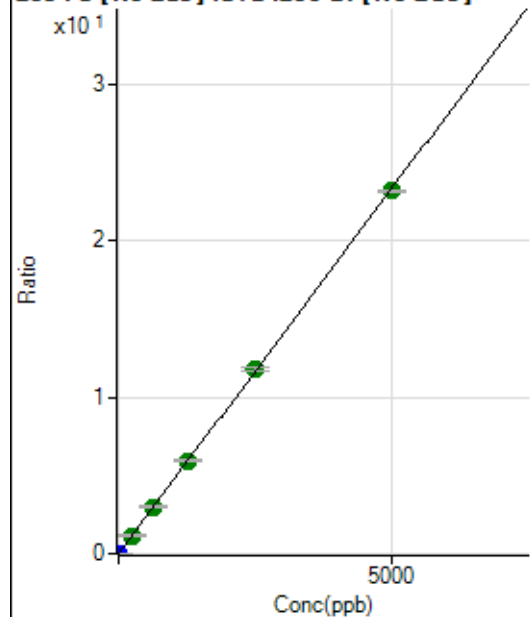
$$DL = 0.02283$$

$$BEC = 0.1409$$

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	6621.85	0.0006	P	0.4
2	☐	1.000	0.990	55353.28	0.0053	P	2.5
3	☐	250.000	239.922	12518252.25	1.1189	A	8.7
4	☐	625.000	637.885	31088948.07	2.9739	A	3.5
5	☐	1250.000	1274.215	60282461.05	5.9398	A	2.3
6	☐	2500.000	2541.332	116608513.2	11.8459	A	2.0
7	☐	5000.000	4972.173	223386996.6	23.1762	A	0.2
8	☐			66589.77	0.0085	P	6.9

$$y = 0.0047 * x + 6.4189E-004$$

$$R = 0.9999$$

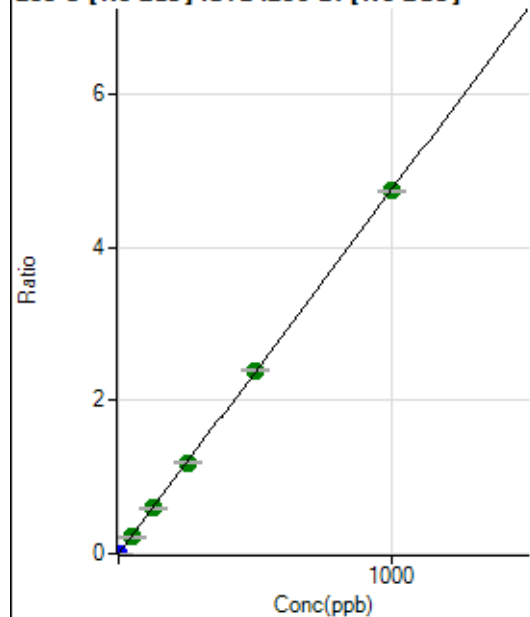
$$DL = 0.001771$$

$$BEC = 0.1377$$

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	195.56	0.0000	P	13.2
2	☐	1.000	0.935	46930.86	0.0045	P	2.3
3	☐	50.000	46.658	2478345.48	0.2215	A	8.6
4	☐	125.000	124.473	6178807.62	0.5909	A	2.4
5	☐	250.000	250.854	12086317.60	1.1908	A	1.4
6	☐	500.000	504.904	23593804.37	2.3968	A	2.0
7	☐	1000.000	997.568	45643959.88	4.7355	A	0.5
8	☐			3079.33	0.0004	P	31.9

$$y = 0.0047 * x + 1.8960E-005$$

$$R = 1.0000$$

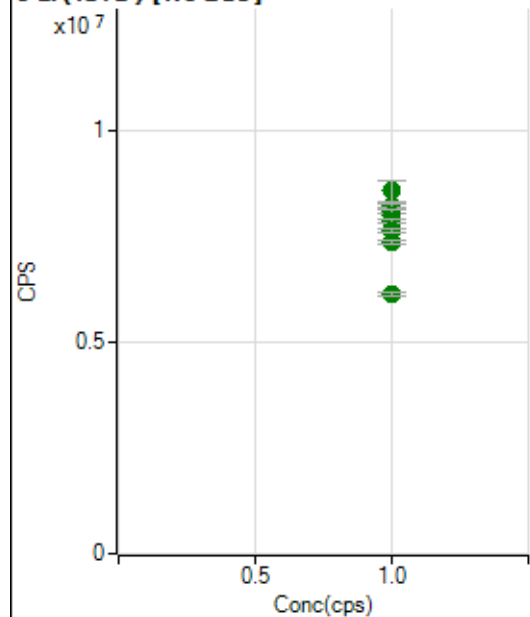
$$DL = 0.001579$$

$$BEC = 0.003994$$

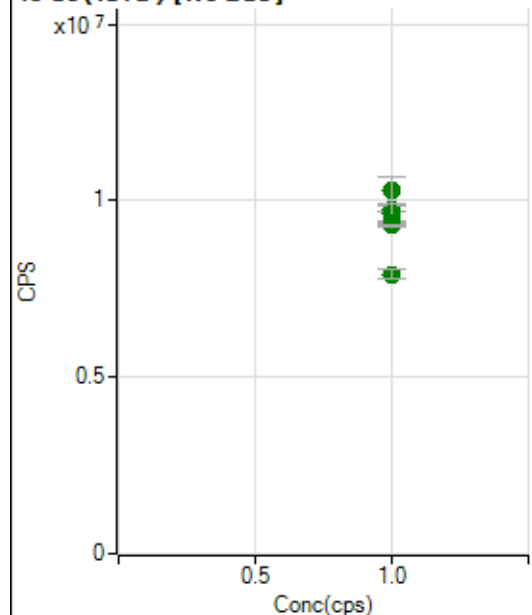
Weight: <None>

Min Conc: 0

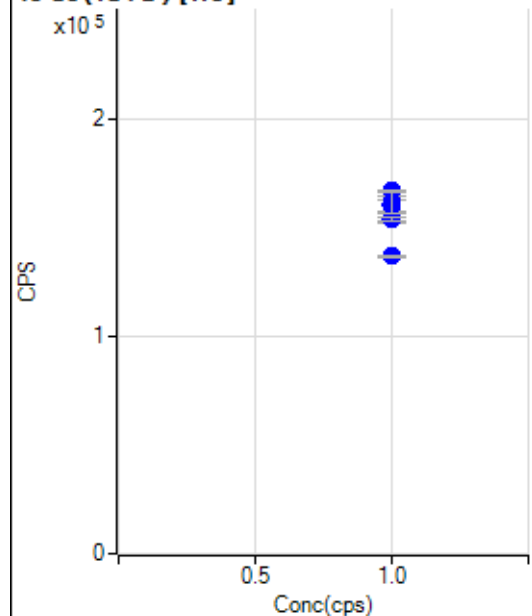
6 Li (ISTD) [No Gas]



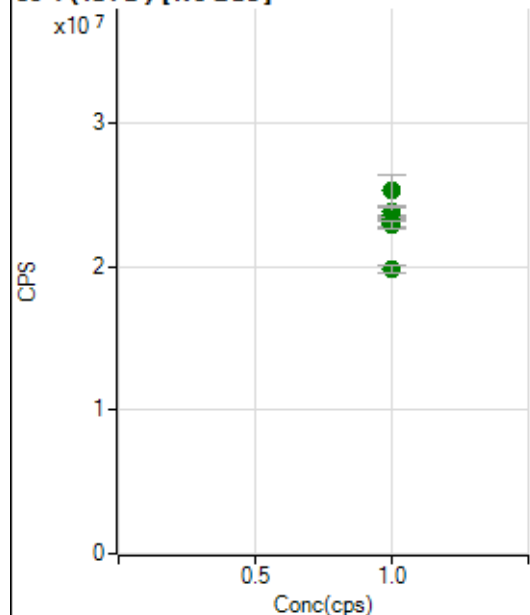
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8099897.79		A	1.0
2	☐	1.000		8230997.70		A	1.1
3	☐	1.000		8586378.49		A	6.2
4	☐	1.000		8031680.48		A	2.7
5	☐	1.000		7867290.98		A	0.9
6	☐	1.000		7652187.86		A	1.2
7	☐	1.000		7372435.59		A	1.7
8	☐	1.000		6149074.87		A	1.5

45 Sc (ISTD) [No Gas]

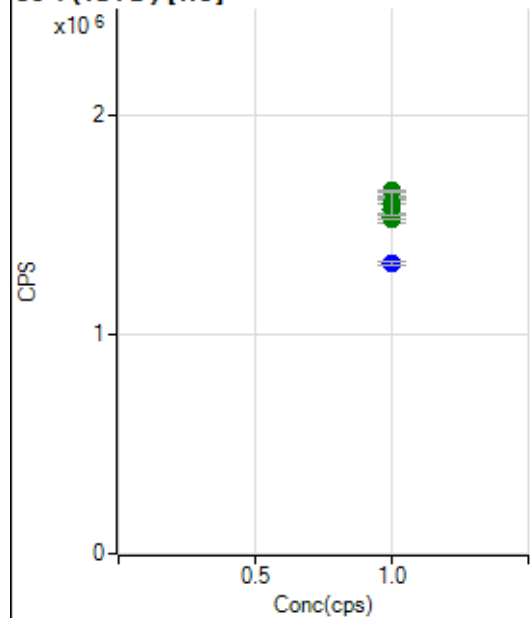
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9420556.46		A	0.3
2	☐	1.000		9758900.41		A	1.7
3	☐	1.000		10280982.42		A	8.1
4	☐	1.000		9630431.45		A	5.6
5	☐	1.000		9390550.14		A	0.5
6	☐	1.000		9336717.71		A	1.4
7	☐	1.000		9293186.60		A	0.8
8	☐	1.000		7920521.76		A	3.8

45 Sc (ISTD) [He]

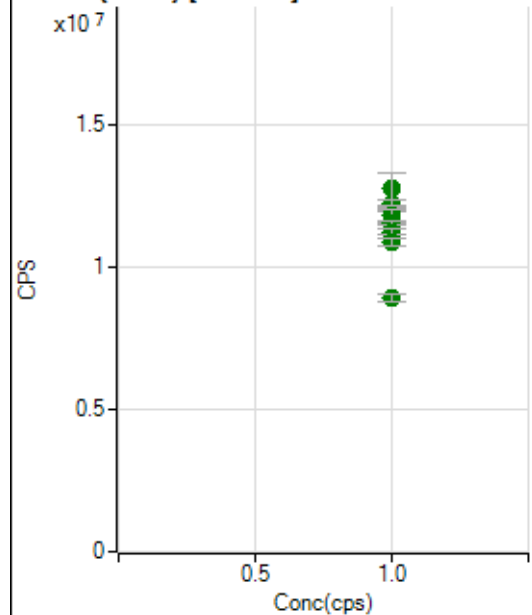
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		164583.24		P	2.6
2	☐	1.000		164655.25		P	0.1
3	☐	1.000		166955.58		P	0.5
4	☐	1.000		160217.40		P	3.5
5	☐	1.000		154685.74		P	2.8
6	☐	1.000		153780.11		P	1.3
7	☐	1.000		161415.83		P	6.0
8	☐	1.000		137089.46		P	0.6

89 Y (ISTD) [No Gas]

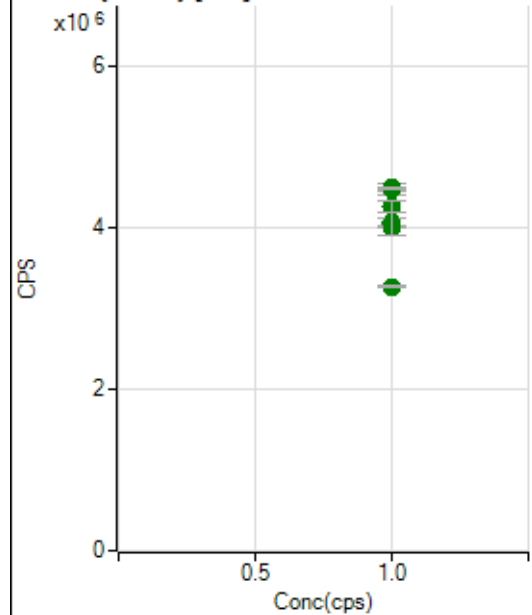
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23414394.09		A	0.3
2	☐	1.000		23890579.37		A	2.4
3	☐	1.000		25283224.90		A	8.3
4	☐	1.000		23631637.43		A	4.1
5	☐	1.000		23264550.76		A	1.1
6	☐	1.000		22993202.43		A	1.9
7	☐	1.000		22877086.88		A	2.3
8	☐	1.000		19821071.79		A	2.6

89 Y (ISTD) [He]

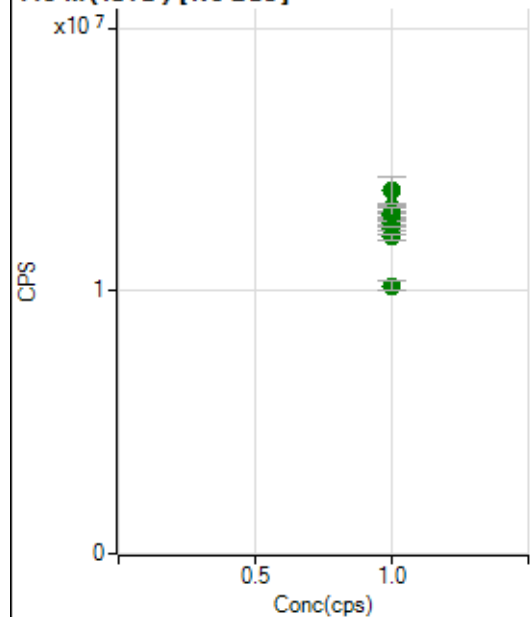
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1632896.80		A	2.4
2	☐	1.000		1628997.88		A	1.0
3	☐	1.000		1656269.02		A	0.2
4	☐	1.000		1574797.65		A	3.4
5	☐	1.000		1532134.89		A	3.1
6	☐	1.000		1530179.16		A	0.1
7	☐	1.000		1598065.39		A	6.8
8	☐	1.000		1325603.04		P	0.9

103 Rh (ISTD) [No Gas]

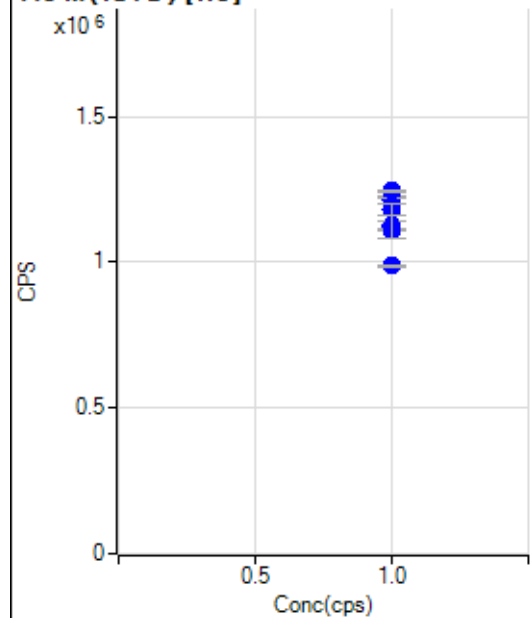
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11959641.91		A	0.5
2	☐	1.000		12220553.57		A	2.0
3	☐	1.000		12722171.20		A	9.3
4	☐	1.000		11792825.93		A	4.1
5	☐	1.000		11516962.33		A	1.2
6	☐	1.000		11222903.03		A	2.2
7	☐	1.000		10849027.20		A	2.7
8	☐	1.000		8893130.28		A	3.4

103 Rh (ISTD) [He]

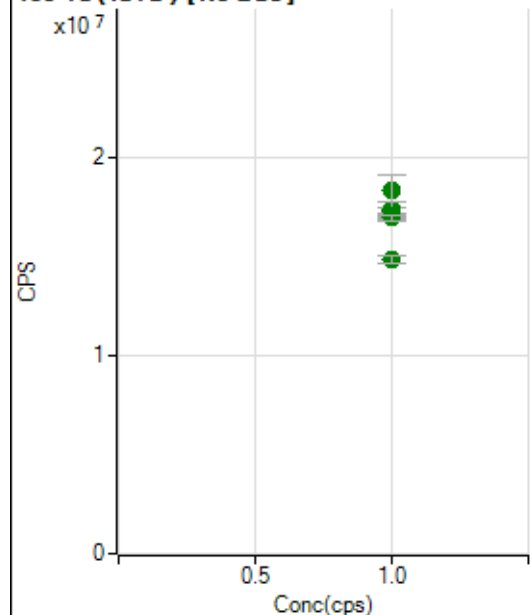
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4460998.20		A	3.2
2	☐	1.000		4460088.09		A	0.6
3	☐	1.000		4485718.02		A	0.8
4	☐	1.000		4247924.94		A	3.4
5	☐	1.000		4066018.27		A	2.0
6	☐	1.000		4000493.59		A	0.7
7	☐	1.000		4031374.39		A	7.0
8	☐	1.000		3267149.43		A	0.4

115 In (ISTD) [No Gas]

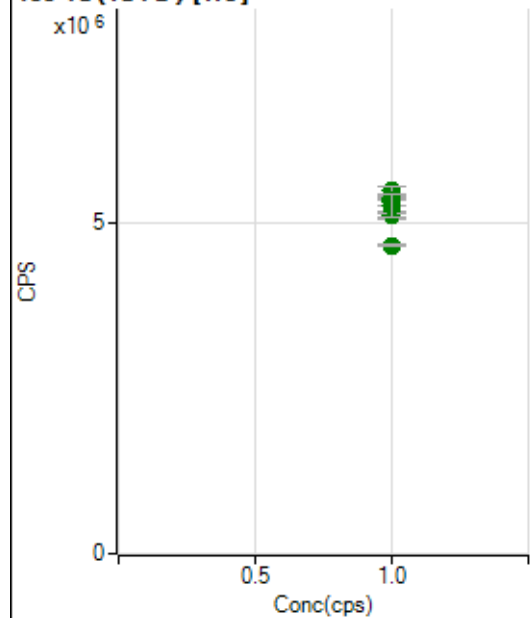
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12884063.97		A	0.6
2	☐	1.000		13182658.65		A	2.1
3	☐	1.000		13813924.83		A	7.9
4	☐	1.000		12953682.42		A	3.5
5	☐	1.000		12570564.69		A	1.0
6	☐	1.000		12370838.36		A	1.0
7	☐	1.000		12071270.94		A	1.9
8	☐	1.000		10212449.56		A	4.0

115 In (ISTD) [He]

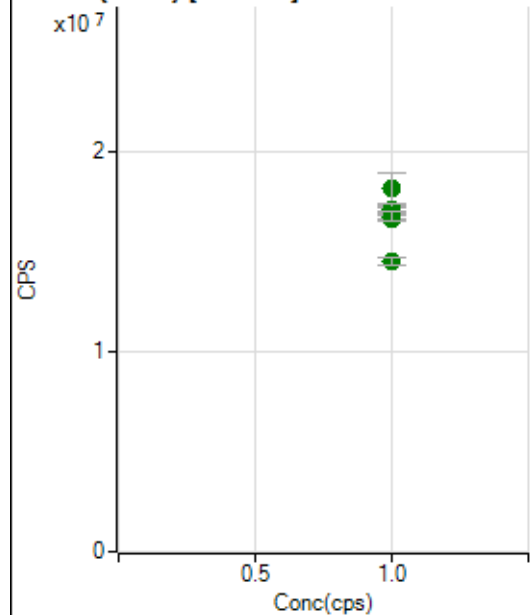
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1214327.48		P	2.5
2	☐	1.000		1219830.30		P	0.3
3	☐	1.000		1244612.39		P	0.8
4	☐	1.000		1182333.51		P	3.1
5	☐	1.000		1127945.65		P	2.6
6	☐	1.000		1105988.31		P	0.1
7	☐	1.000		1121311.33		P	6.9
8	☐	1.000		987108.41		P	0.8

159 Tb (ISTD) [No Gas]

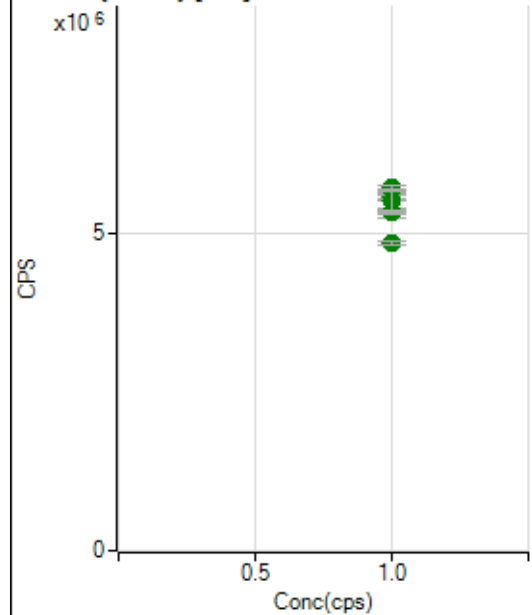
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16993185.72		A	0.6
2	☐	1.000		17334142.66		A	1.4
3	☐	1.000		18314848.89		A	8.9
4	☐	1.000		17301963.49		A	5.1
5	☐	1.000		17054902.66		A	1.0
6	☐	1.000		17022203.77		A	1.5
7	☐	1.000		16953191.55		A	2.0
8	☐	1.000		14860064.23		A	2.9

159 Tb (ISTD) [He]

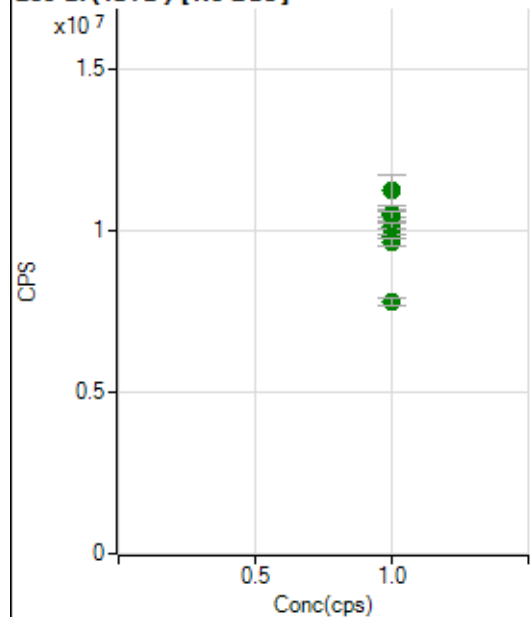
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5335374.92		A	2.3
2	☐	1.000		5397091.69		A	1.7
3	☐	1.000		5492762.76		A	2.6
4	☐	1.000		5346877.53		A	3.4
5	☐	1.000		5124646.59		A	2.7
6	☐	1.000		5144817.36		A	0.1
7	☐	1.000		5273062.14		A	6.7
8	☐	1.000		4663328.96		A	0.8

165 Ho (ISTD) [No Gas]

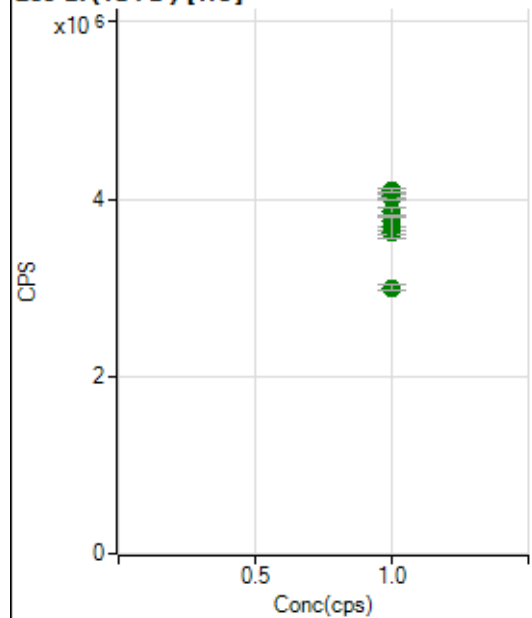
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16594418.92		A	0.4
2	☐	1.000		17048857.24		A	1.3
3	☐	1.000		18129499.45		A	8.8
4	☐	1.000		17117479.19		A	3.1
5	☐	1.000		16785622.25		A	1.5
6	☐	1.000		16719400.45		A	1.6
7	☐	1.000		16750206.28		A	2.6
8	☐	1.000		14541874.51		A	2.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5580186.86		A	2.0
2	☐	1.000		5568217.14		A	0.8
3	☐	1.000		5713083.87		A	1.6
4	☐	1.000		5504668.74		A	3.7
5	☐	1.000		5317415.79		A	2.7
6	☐	1.000		5325093.81		A	1.0
7	☐	1.000		5506435.82		A	6.5
8	☐	1.000		4847645.86		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10316036.30		A	0.4
2	☐	1.000		10536375.68		A	2.2
3	☐	1.000		11243167.61		A	8.5
4	☐	1.000		10462106.16		A	3.3
5	☐	1.000		10149366.38		A	1.4
6	☐	1.000		9842359.58		A	1.1
7	☐	1.000		9638528.89		A	2.5
8	☐	1.000		7794924.88		A	3.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4024132.30		A	2.1
2	☐	1.000		4005051.68		A	0.4
3	☐	1.000		4091505.84		A	1.0
4	☐	1.000		3852623.52		A	2.8
5	☐	1.000		3750242.62		A	3.6
6	☐	1.000		3620962.13		A	0.6
7	☐	1.000		3681725.81		A	6.5
8	☐	1.000		2999843.25		A	2.3