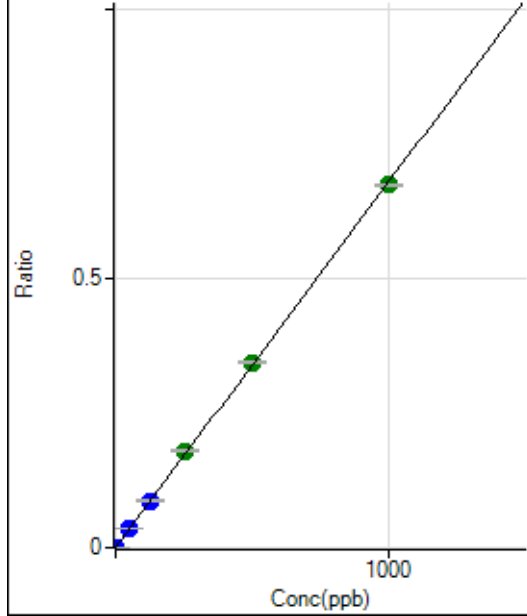


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8022825-MS.b\
Analysis File: P8022825-MS .batch.bin
DA Date-Time: 2025-03-03 16:50:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB P8022825-MS.D	S00	2025-02-28 12:32:07
2	005CALS P8022825-MS.D	S02	2025-02-28 12:35:28
3	006CALB P8022825-MS.D	S03	2025-02-28 12:38:51
4	007CALS P8022825-MS.D	S04	2025-02-28 12:41:56
5	008CALS P8022825-MS.D	S05	2025-02-28 12:44:56
6	009CALS P8022825-MS.D	S06	2025-02-28 12:47:45
7	010CALS P8022825-MS.D	S07	2025-02-28 12:50:33
8	011CALS P8022825-MS.D	S08	2025-02-28 12:53:18

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	367.46	0.0000	P	7.3
2	☐	1.000	1.041	7097.50	0.0007	P	0.8
3	☐	50.000	51.050	320665.98	0.0347	P	0.9
4	☐	125.000	128.617	797378.28	0.0875	P	0.4
5	☐	250.000	264.594	1625927.34	0.1799	A	1.0
6	☐	500.000	506.450	3181476.62	0.3444	A	0.9
7	☐	1000.000	992.622	6115079.17	0.6749	A	0.4
8	☐			2050.73	0.0002	P	12.1

$$y = 6.7991\text{E-}004 * x + 3.9248\text{E-}005$$

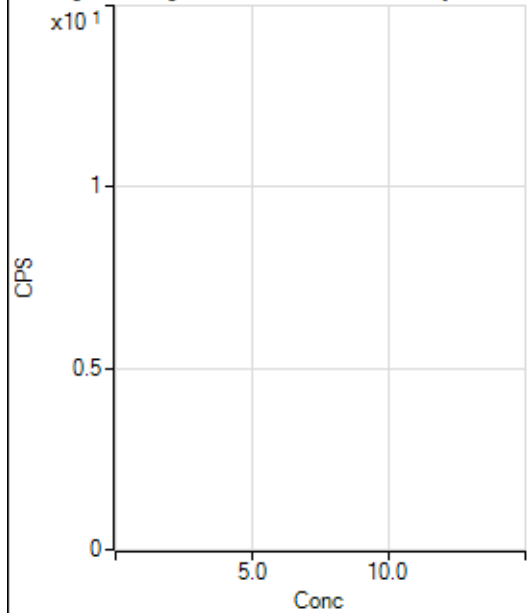
$$R = 0.9998$$

$$DL = 0.01268$$

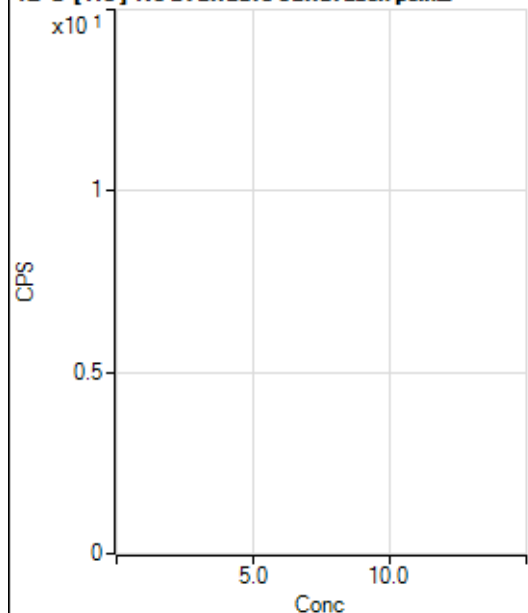
$$BEC = 0.05772$$

Weight: <None>

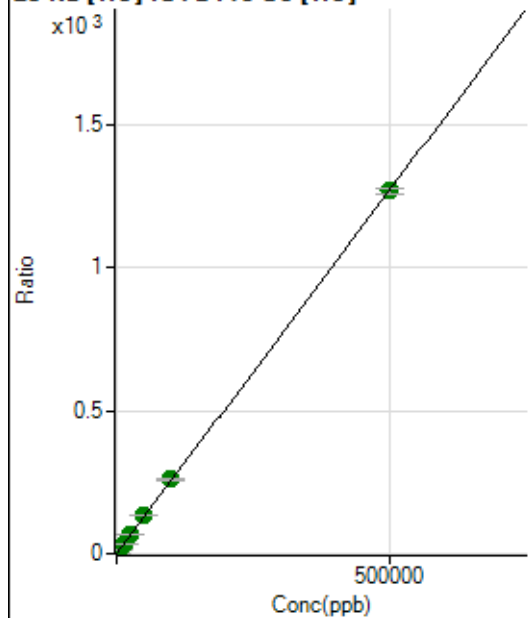
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3386227.73		A	2.3
2	☐			3446862.90		A	3.9
3	☐			3552192.52		A	2.1
4	☐			3744427.79		A	2.3
5	☐			3957655.77		A	1.1
6	☐			4402475.14		A	1.2
7	☐			5346262.70		A	1.7
8	☐			4260801.32		A	1.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19859.05		P	1.8
2	☐			20669.04		P	1.6
3	☐			21328.86		P	1.8
4	☐			22598.54		P	1.7
5	☐			24559.45		P	1.4
6	☐			28170.37		P	0.8
7	☐			36303.65		P	1.4
8	☐			34348.96		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26090.05	0.1545	P	1.5
2	☐	500.000	529.657	255593.04	1.5021	P	1.4
3	☐	5000.000	5372.352	2308564.32	13.8226	A	0.7
4	☐	12500.000	13471.952	5732771.93	34.4292	A	0.7
5	☐	25000.000	26638.133	11355289.97	67.9259	A	0.8
6	☐	50000.000	52004.219	22590622.16	132.4610	A	1.2
7	☐	100000.00	102088.20	45423654.32	259.8820	A	0.9
8	☐	500000.00	499271.97	210783405.7	1,270.376	A	1.3

$$y = 0.0025 * x + 0.1545$$

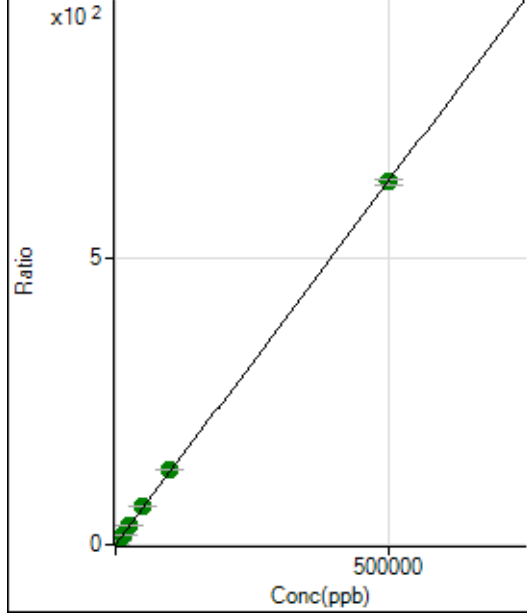
$$R = 1.0000$$

$$DL = 2.723$$

$$BEC = 60.75$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1173.39	0.0069	P	7.4
2	☐	500.000	547.283	119247.04	0.7008	P	1.8
3	☐	5000.000	5458.160	1156905.81	6.9270	A	0.7
4	☐	12500.000	13825.824	2919858.15	17.5358	A	0.8
5	☐	25000.000	26747.783	5670236.79	33.9187	A	1.3
6	☐	50000.000	52788.094	11414828.86	66.9334	A	1.9
7	☐	100000.00	102787.33	22779181.33	130.3241	A	0.4
8	☐	500000.00	499038.56	104978226.2	632.7043	A	1.5

$$y = 0.0013 * x + 0.0069$$

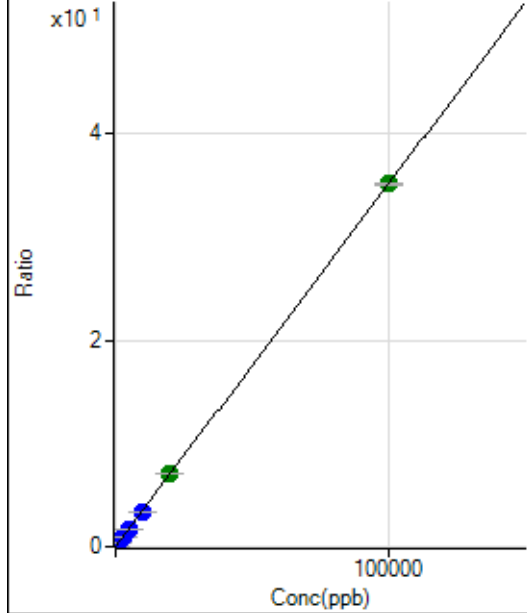
$$R = 1.0000$$

$$DL = 1.217$$

$$BEC = 5.48$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	106.67	0.0006	P	6.8
2	☐	20.000	21.725	1406.75	0.0083	P	2.8
3	☐	1000.000	999.165	58761.38	0.3518	P	0.3
4	☐	2500.000	2505.650	146756.00	0.8814	P	0.2
5	☐	5000.000	4923.886	289436.61	1.7314	P	0.5
6	☐	10000.000	9624.809	577107.79	3.3837	P	0.6
7	☐	20000.000	20074.309	1233416.01	7.0567	A	0.8
8	☐	100000.00	100026.33	5833955.33	35.1595	A	0.7

$$y = 3.5150E-004 * x + 6.3199E-004$$

$$R = 1.0000$$

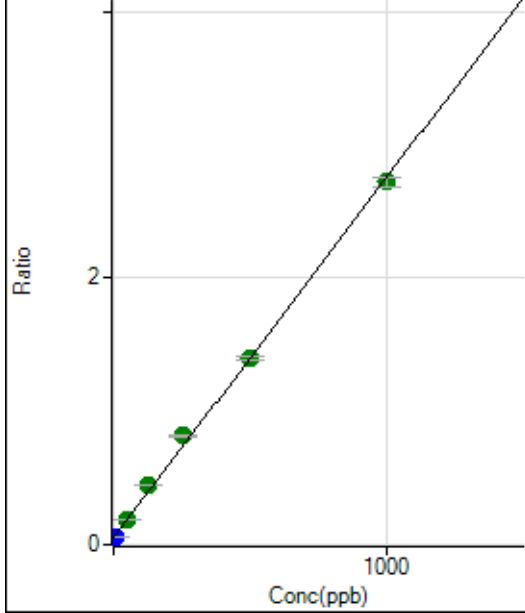
$$DL = 0.3644$$

$$BEC = 1.798$$

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	570048.96	0.0511	P	2.1
2	☐	10.000	2.793	655860.77	0.0587	P	1.5
3	☐	50.000	51.346	2110616.17	0.1900	A	1.3
4	☐	125.000	144.959	4855487.01	0.4431	A	1.0
5	☐	250.000	284.270	9003257.64	0.8197	A	1.3
6	☐	500.000	500.534	15498188.66	1.4044	A	1.9
7	☐	1000.000	988.676	29913022.05	2.7242	A	2.3
8	☐			758023.21	0.0725	P	1.5

$$y = 0.0027 * x + 0.0511$$

$$R = 0.9991$$

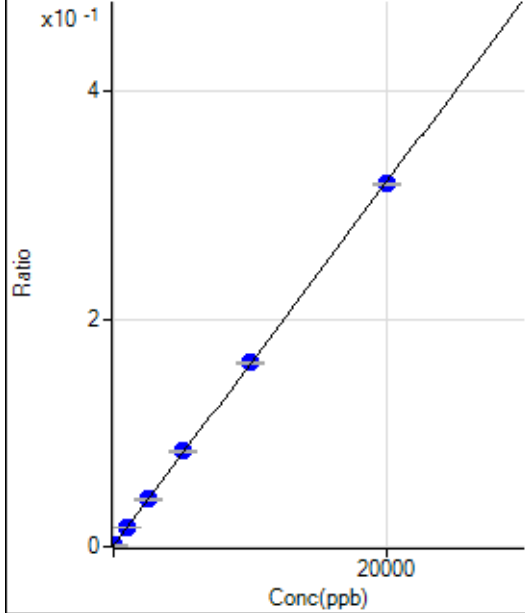
$$DL = 1.183$$

$$BEC = 18.92$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.443	91.11	0.0005	P	38.6
2	☐	0.000	14.443	170.00	0.0010	P	33.0
3	☐	1000.000	1002.510	2804.74	0.0168	P	3.6
4	☐	2500.000	2570.463	6968.40	0.0419	P	3.6
5	☐	5000.000	5200.715	14024.63	0.0839	P	0.7
6	☐	10000.000	10087.224	27628.57	0.1620	P	0.9
7	☐	20000.000	19897.276	55721.93	0.3188	P	0.4
8	☐			104.45	0.0006	P	4.6

$$y = 1.5983E-005 * x + 7.6998E-004$$

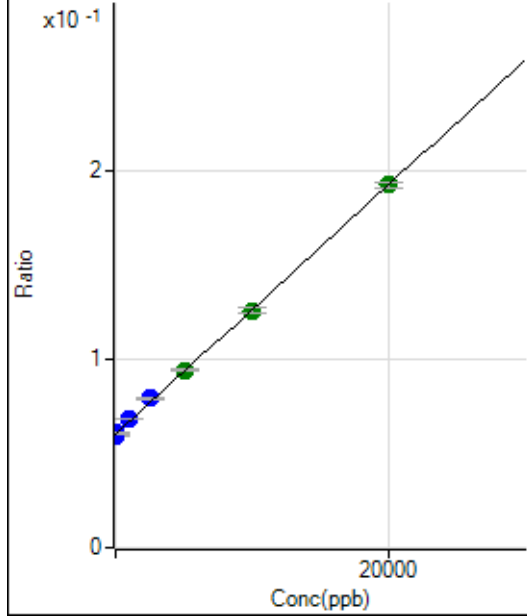
$$R = 0.9999$$

$$DL = 50.55$$

$$BEC = 48.18$$

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	-101.444	663786.56	0.0595	P	1.8
2	☐	0.000	101.444	680420.96	0.0609	P	1.4
3	☐	1000.000	1172.671	755283.43	0.0680	P	0.3
4	☐	2500.000	2887.618	869112.75	0.0793	P	1.3
5	☐	5000.000	5118.169	1033164.14	0.0941	A	0.8
6	☐	10000.000	9887.488	1386067.97	0.1256	A	2.2
7	☐	20000.000	19969.628	2111586.29	0.1923	A	1.6
8	☐			585251.61	0.0560	P	1.7

$$y = 6.6130E-006 * x + 0.0602$$

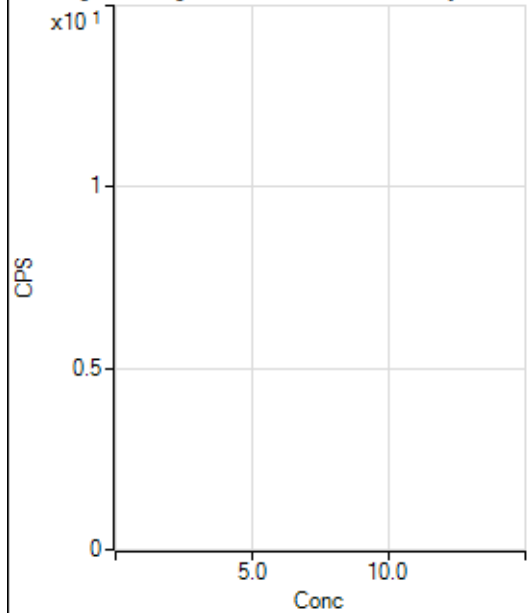
$$R = 0.9997$$

$$DL = 425.4$$

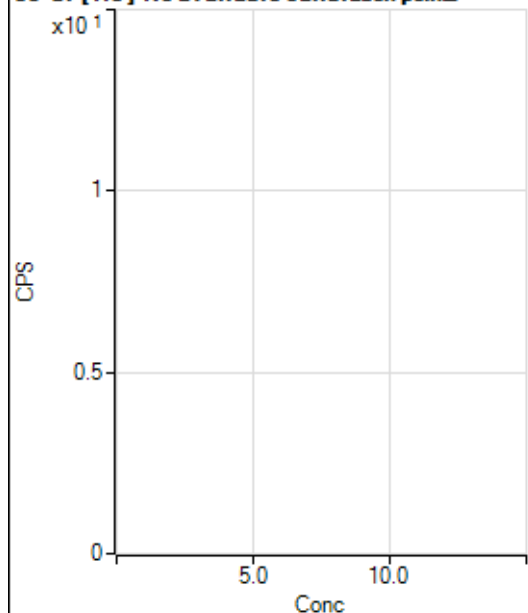
$$BEC = 9106$$

Weight: <None>

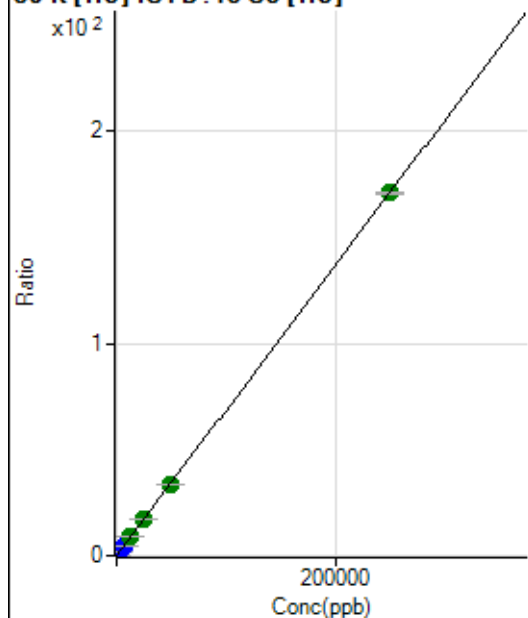
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			90554.07		P	0.8
2	☐			96178.64		P	0.3
3	☐			98187.75		P	0.7
4	☐			101134.45		P	0.4
5	☐			103732.41		P	0.9
6	☐			117259.80		P	1.2
7	☐			142436.91		P	2.2
8	☐			85875.95		P	1.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			306.67		P	5.4
2	☐			298.89		P	7.1
3	☐			322.23		P	12.8
4	☐			332.23		P	4.2
5	☐			330.01		P	12.4
6	☐			405.56		P	3.3
7	☐			525.57		P	5.1
8	☐			342.23		P	7.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6011.31	0.0356	P	0.2
2	☐	500.000	510.407	65434.07	0.3845	P	1.0
3	☐	2500.000	2442.947	284863.98	1.7056	P	0.6
4	☐	6250.000	6110.192	701436.46	4.2126	P	0.4
5	☐	12500.000	12959.842	1487058.71	8.8951	A	1.0
6	☐	25000.000	25282.784	2953749.37	17.3192	A	1.0
7	☐	50000.000	48795.708	5836770.40	33.3928	A	0.4
8	☐	250000.00	250193.63	28385366.80	171.0704	A	0.7

$$y = 6.8361E-004 * x + 0.0356$$

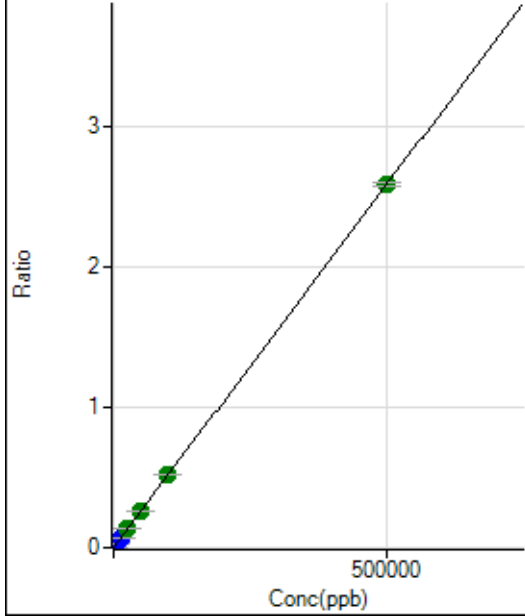
$$R = 1.0000$$

$$DL = 0.3143$$

$$BEC = 52.09$$

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	804.48	0.0001	P	3.1
2	☐	500.000	519.274	30878.72	0.0028	P	0.5
3	☐	5000.000	4891.114	282413.18	0.0254	P	1.3
4	☐	12500.000	12430.991	706680.82	0.0645	P	1.3
5	☐	25000.000	25453.698	1449527.36	0.1320	A	0.8
6	☐	50000.000	50236.128	2874140.13	0.2604	A	1.3
7	☐	100000.00	100835.53	5738581.51	0.5226	A	2.2
8	☐	500000.00	499789.39	27065443.48	2.5900	A	1.1

$$y = 5.1820\text{E-}006 * x + 7.2150\text{E-}005$$

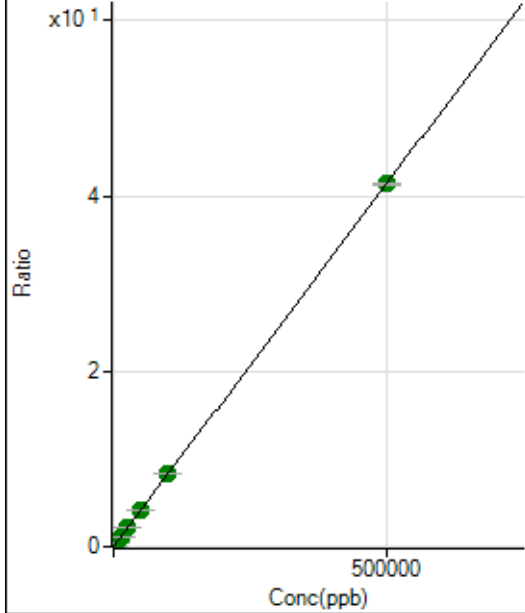
$$R = 1.0000$$

$$DL = 1.299$$

$$BEC = 13.92$$

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	24738.94	0.0022	P	2.7
2	☐	500.000	522.909	508331.96	0.0455	P	1.6
3	☐	5000.000	5107.960	4721198.77	0.4249	A	0.5
4	☐	12500.000	12952.788	11769233.52	1.0740	A	1.1
5	☐	25000.000	25218.770	22944688.00	2.0890	A	0.2
6	☐	50000.000	49668.984	45389407.74	4.1122	A	0.5
7	☐	100000.00	100004.37	90907029.37	8.2773	A	1.2
8	☐	500000.00	500008.86	432402569.9	41.3767	A	0.6

$$y = 8.2747\text{E-}005 * x + 0.0022$$

$$R = 1.0000$$

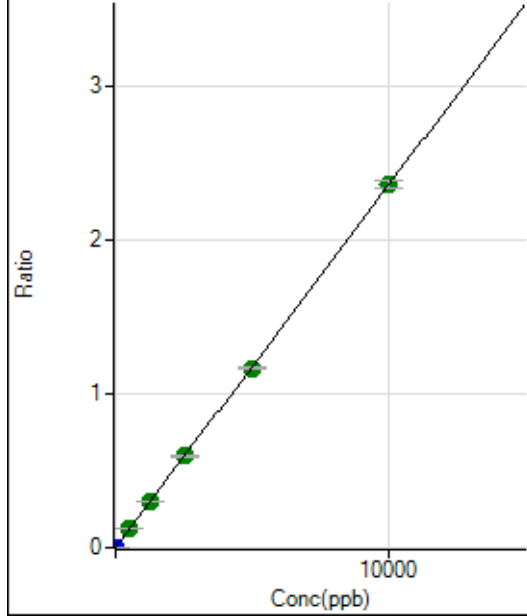
$$DL = 2.15$$

$$BEC = 26.82$$

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	342.23	0.0000	P	13.4
2	☐	5.000	5.080	13701.11	0.0012	P	0.4
3	☐	500.000	511.553	1337596.79	0.1204	A	0.8
4	☐	1250.000	1281.873	3304833.18	0.3016	A	2.6
5	☐	2500.000	2524.064	6522807.40	0.5939	A	0.9
6	☐	5000.000	4952.183	12860058.84	1.1651	A	1.2
7	☐	10000.000	10013.331	25870419.89	2.3559	A	2.0
8	☐			6465.97	0.0006	P	3.7

$$y = 2.3527E-004 * x + 3.0673E-005$$

$$R = 1.0000$$

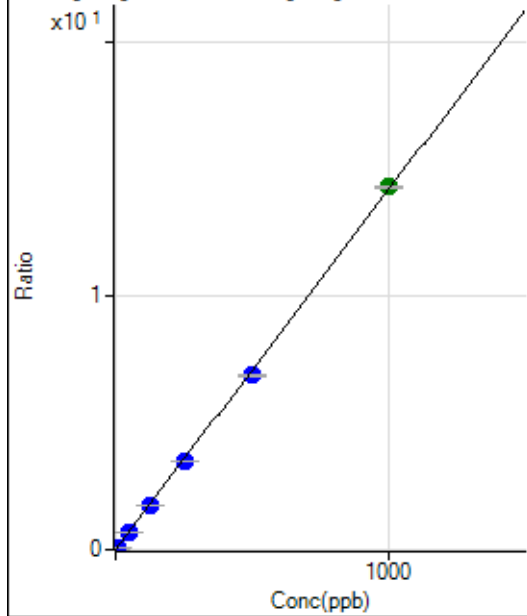
$$DL = 0.05236$$

$$BEC = 0.1304$$

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	17.78	0.0001	P	46.5
2	☐	5.000	5.066	12246.44	0.0720	P	1.5
3	☐	50.000	49.319	116859.75	0.6997	P	1.1
4	☐	125.000	124.609	294339.47	1.7677	P	0.7
5	☐	250.000	247.788	587622.39	3.5150	P	0.4
6	☐	500.000	484.609	1172491.14	6.8744	P	0.4
7	☐	1000.000	1008.331	2500124.27	14.3035	A	0.5
8	☐			598.91	0.0036	P	14.2

$$y = 0.0142 * x + 1.0513E-004$$

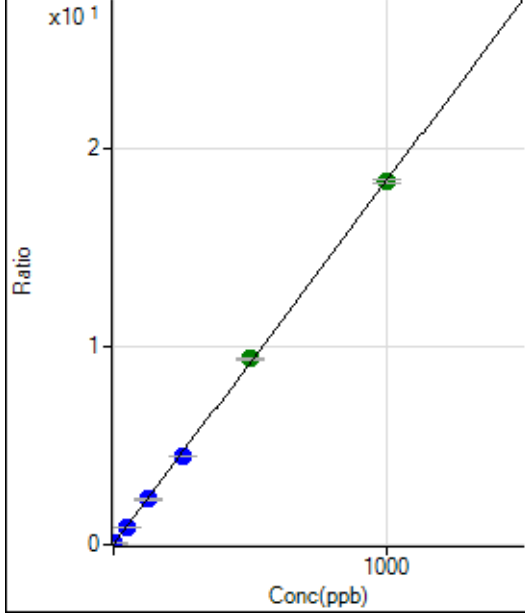
$$R = 0.9998$$

$$DL = 0.01034$$

$$BEC = 0.007411$$

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	2026.83	0.0120	P	4.1
2	☐	2.000	2.028	8372.51	0.0492	P	2.0
3	☐	50.000	49.195	152681.47	0.9142	P	0.5
4	☐	125.000	123.727	379802.08	2.2810	P	0.5
5	☐	250.000	242.967	746874.84	4.4677	P	0.6
6	☐	500.000	509.776	1596451.03	9.3605	A	0.6
7	☐	1000.000	997.070	3198113.50	18.2968	A	1.2
8	☐			14000.28	0.0844	P	2.1

$$y = 0.0183 * x + 0.0120$$

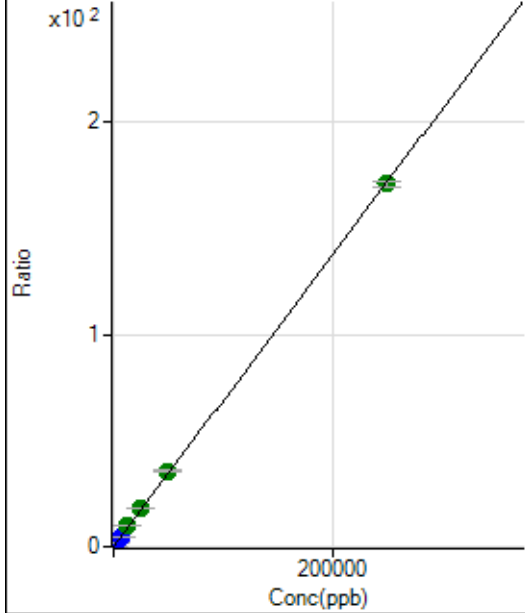
$$R = 0.9999$$

$$DL = 0.08132$$

$$BEC = 0.6548$$

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	836.70	0.0050	P	5.3
2	☐	50.000	55.524	7327.49	0.0431	P	2.3
3	☐	2500.000	2674.492	307380.55	1.8404	P	0.6
4	☐	6250.000	6679.044	764049.52	4.5887	P	0.8
5	☐	12500.000	13983.874	1605239.51	9.6019	A	1.0
6	☐	25000.000	26936.841	3153824.47	18.4913	A	0.2
7	☐	50000.000	52157.727	6257528.31	35.8001	A	0.2
8	☐	250000.00	249288.10	28386569.58	171.0879	A	1.5

$$y = 6.8629E-004 * x + 0.0050$$

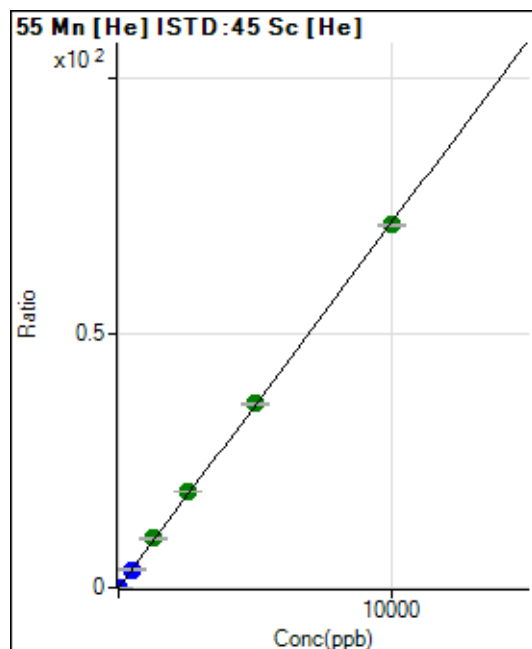
$$R = 0.9999$$

$$DL = 1.141$$

$$BEC = 7.22$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	308.90	0.0018	P	10.1
2	☐	1.000	1.028	1565.65	0.0092	P	2.5
3	☐	500.000	500.194	599171.57	3.5875	P	0.8
4	☐	1250.000	1344.021	1604530.57	9.6365	A	1.3
5	☐	2500.000	2619.187	3139218.63	18.7776	A	0.7
6	☐	5000.000	5034.979	6156323.45	36.0954	A	1.0
7	☐	10000.000	9940.951	12456558.01	71.2641	A	0.7
8	☐			5695.63	0.0343	P	0.6

$$y = 0.0072 * x + 0.0018$$

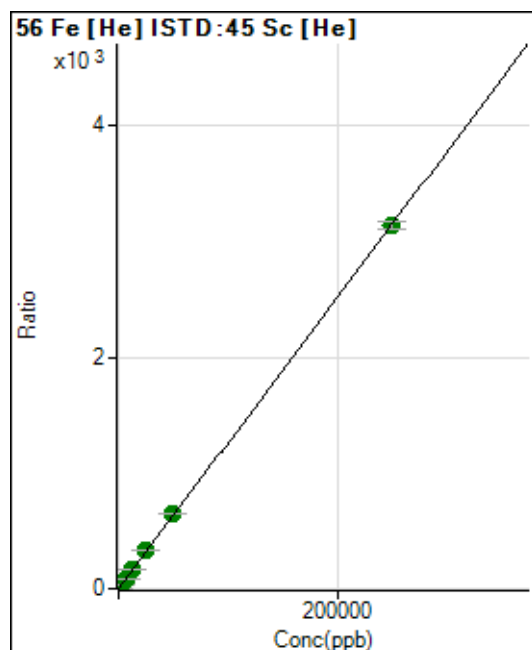
$$R = 0.9999$$

$$DL = 0.07725$$

$$BEC = 0.2551$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12779.18	0.0757	P	1.8
2	☐	50.000	54.788	129965.09	0.7638	P	1.4
3	☐	2500.000	2731.499	5742066.93	34.3802	A	1.8
4	☐	6250.000	6863.046	14364060.06	86.2677	A	1.0
5	☐	12500.000	13535.770	28431192.63	170.0695	A	1.1
6	☐	25000.000	26187.723	56104007.50	328.9636	A	1.1
7	☐	50000.000	51772.078	113661109.4	650.2738	A	0.6
8	☐	250000.00	249457.38	519793707.8	3,132.975	A	2.2

$$y = 0.0126 * x + 0.0757$$

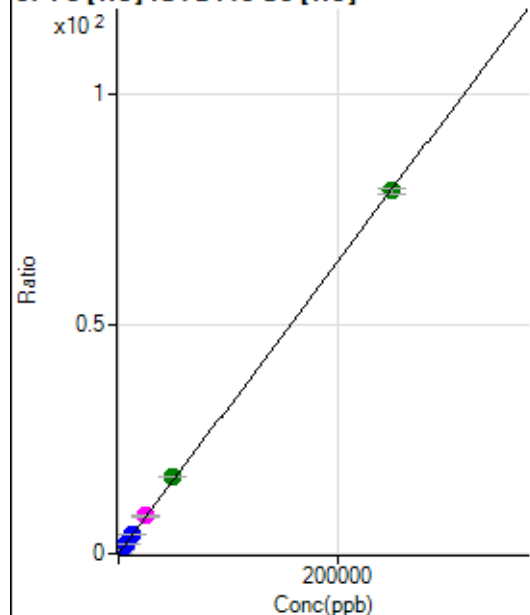
$$R = 1.0000$$

$$DL = 0.3216$$

$$BEC = 6.028$$

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	316.68	0.0019	P	10.9
2	☐	50.000	54.048	3235.96	0.0190	P	4.0
3	☐	2500.000	2617.722	138930.13	0.8318	P	0.6
4	☐	6250.000	6588.288	348121.65	2.0907	P	0.9
5	☐	12500.000	12835.480	680648.31	4.0715	P	0.3
6	☐	25000.000	26207.641	1417348.02	8.3112	M	5.2
7	☐	50000.000	52838.596	2928495.69	16.7547	A	0.9
8	☐	250000.00	249285.10	13114362.03	79.0395	A	1.3

$$y = 3.1706\text{E-}004 * x + 0.0019$$

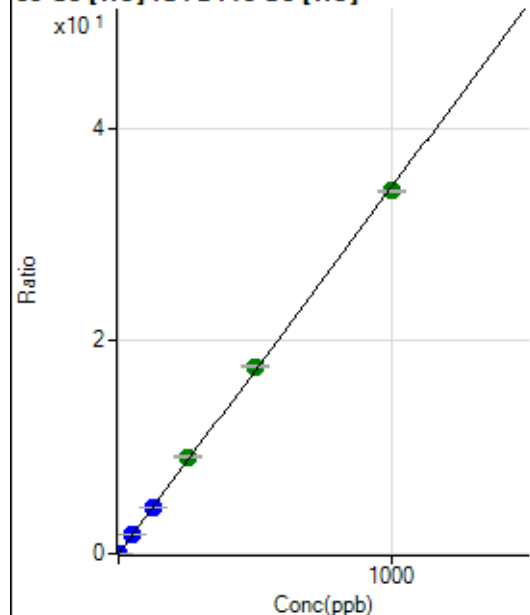
$$R = 0.9999$$

$$DL = 1.929$$

$$BEC = 5.916$$

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	216.67	0.0013	P	30.8
2	☐	1.000	1.047	6362.59	0.0374	P	1.7
3	☐	50.000	50.948	293584.46	1.7579	P	0.9
4	☐	125.000	127.850	734182.32	4.4093	P	0.5
5	☐	250.000	264.929	1527214.49	9.1355	A	0.4
6	☐	500.000	511.444	3007459.92	17.6348	A	1.7
7	☐	1000.000	990.142	5967236.79	34.1392	A	0.7
8	☐			11370.17	0.0685	P	1.6

$$y = 0.0345 * x + 0.0013$$

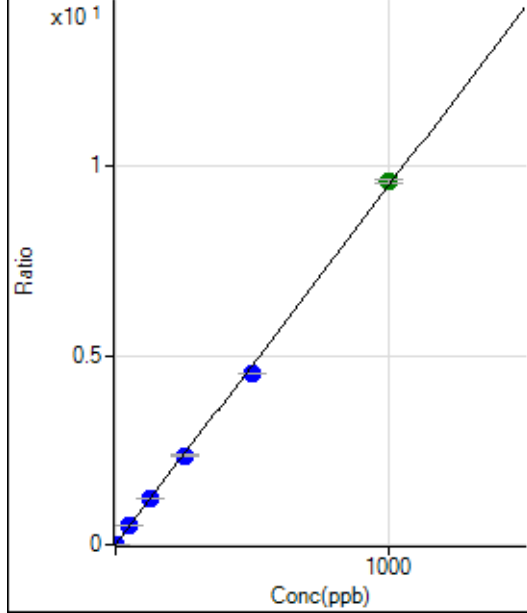
$$R = 0.9998$$

$$DL = 0.03437$$

$$BEC = 0.03721$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1045.61	0.0062	P	7.8
2	☐	1.000	1.060	2763.63	0.0162	P	2.2
3	☐	50.000	51.058	81875.91	0.4902	P	0.6
4	☐	125.000	128.524	203912.55	1.2246	P	0.5
5	☐	250.000	248.118	394258.10	2.3584	P	0.6
6	☐	500.000	476.693	771814.24	4.5253	P	0.3
7	☐	1000.000	1011.630	1677345.67	9.5966	A	0.9
8	☐			4331.81	0.0261	P	2.7

$$y = 0.0095 * x + 0.0062$$

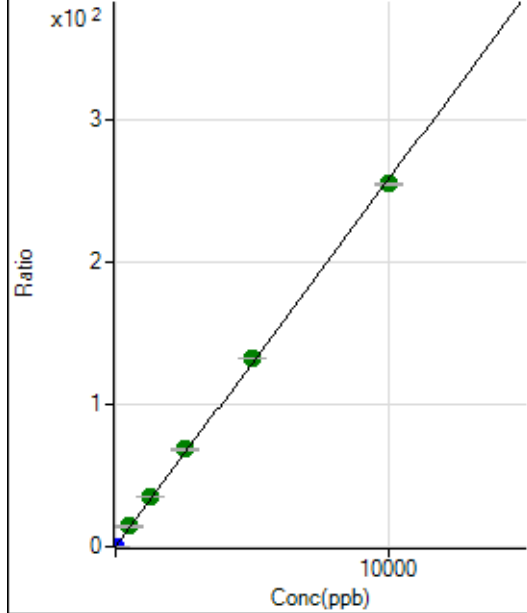
$$R = 0.9996$$

$$DL = 0.153$$

$$BEC = 0.6535$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1796.79	0.0106	P	4.9
2	☐	2.000	2.300	11897.27	0.0699	P	3.5
3	☐	500.000	551.123	2374094.22	14.2153	A	1.3
4	☐	1250.000	1373.968	5898224.70	35.4233	A	0.9
5	☐	2500.000	2648.615	11413781.36	68.2760	A	0.9
6	☐	5000.000	5130.446	22554702.72	132.2427	A	0.2
7	☐	10000.000	9879.571	44509223.22	254.6466	A	0.5
8	☐			9819.04	0.0592	P	2.2

$$y = 0.0258 * x + 0.0106$$

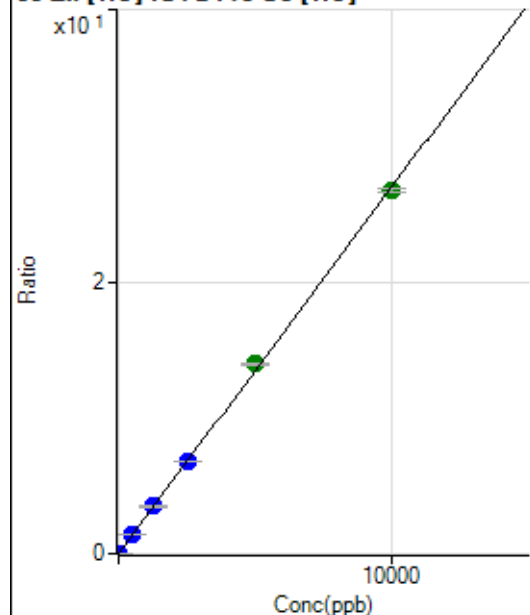
$$R = 0.9997$$

$$DL = 0.06026$$

$$BEC = 0.4128$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	254.45	0.0015	P	20.9
2	☐	5.000	5.341	2705.84	0.0159	P	2.4
3	☐	500.000	516.331	232703.13	1.3933	P	0.7
4	☐	1250.000	1289.017	578810.97	3.4762	P	0.7
5	☐	2500.000	2524.502	1137892.04	6.8066	P	0.1
6	☐	5000.000	5170.387	2377193.30	13.9388	A	1.3
7	☐	10000.000	9902.987	4666251.15	26.6960	A	1.0
8	☐			1736.79	0.0105	P	7.7

$$y = 0.0027 * x + 0.0015$$

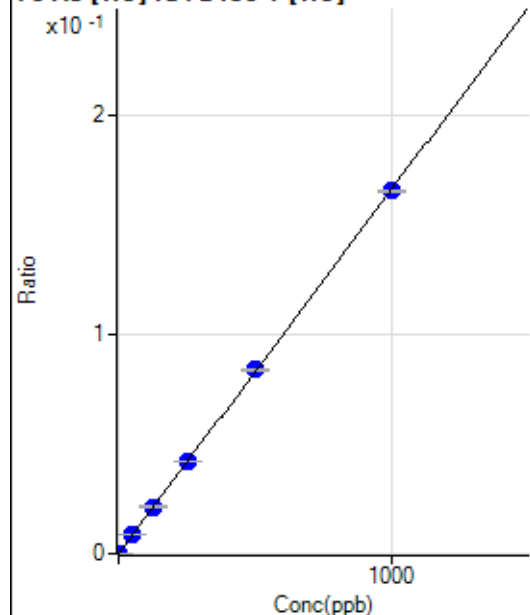
$$R = 0.9998$$

$$DL = 0.3504$$

$$BEC = 0.5587$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.55	0.0000	P	68.6
2	☐	1.000	1.102	300.01	0.0002	P	16.3
3	☐	50.000	51.425	13692.30	0.0085	P	1.7
4	☐	125.000	128.839	34086.72	0.0214	P	1.8
5	☐	250.000	253.721	67203.60	0.0421	P	0.8
6	☐	500.000	504.744	135504.90	0.0837	P	0.5
7	☐	1000.000	996.146	273001.73	0.1653	P	0.8
8	☐			145.56	0.0001	P	16.5

$$y = 1.6589E-004 * x + 3.4866E-006$$

$$R = 1.0000$$

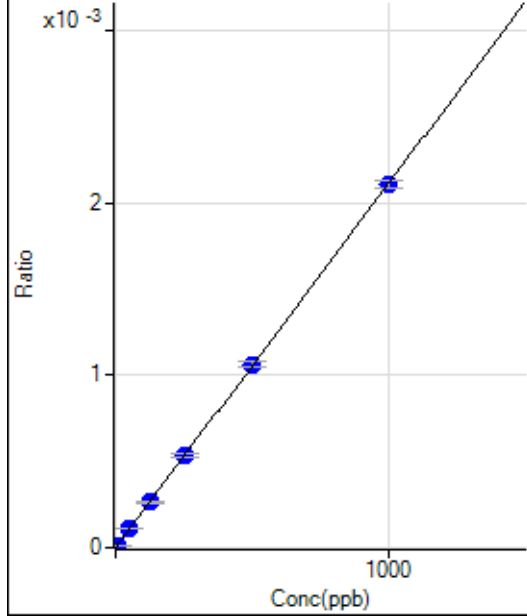
$$DL = 0.04325$$

$$BEC = 0.02102$$

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	4.897	16.67	0.0000	P	39.7
3	☐	50.000	53.458	181.12	0.0001	P	7.3
4	☐	125.000	125.731	423.34	0.0003	P	4.6
5	☐	250.000	252.808	852.26	0.0005	P	4.0
6	☐	500.000	504.507	1723.46	0.0011	P	4.1
7	☐	1000.000	996.781	3477.13	0.0021	P	2.1
8	☐			2.22	0.0000	P	86.6

$$y = 2.1115\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 1.0000$$

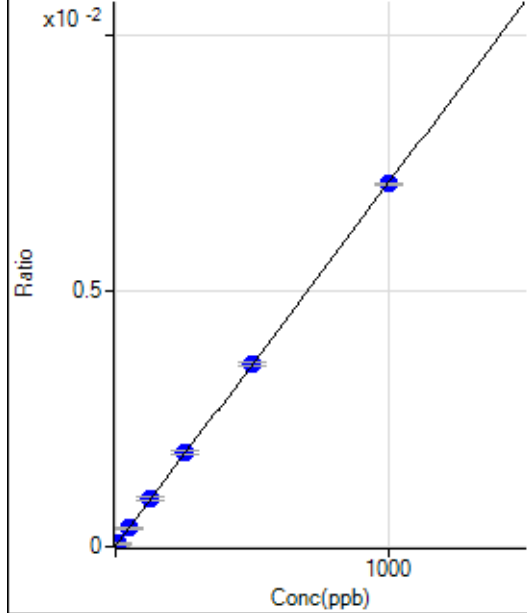
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.34	0.0000	P	42.4
2	☐	5.000	6.882	92.22	0.0001	P	12.5
3	☐	50.000	49.139	573.35	0.0004	P	18.9
4	☐	125.000	132.421	1513.44	0.0009	P	9.8
5	☐	250.000	256.243	2920.34	0.0018	P	4.4
6	☐	500.000	500.283	5765.68	0.0036	P	1.8
7	☐	1000.000	997.404	11720.52	0.0071	P	0.6
8	☐			14.44	0.0000	P	34.4

$$y = 7.1046\text{E-}006 * x + 8.3659\text{E-}006$$

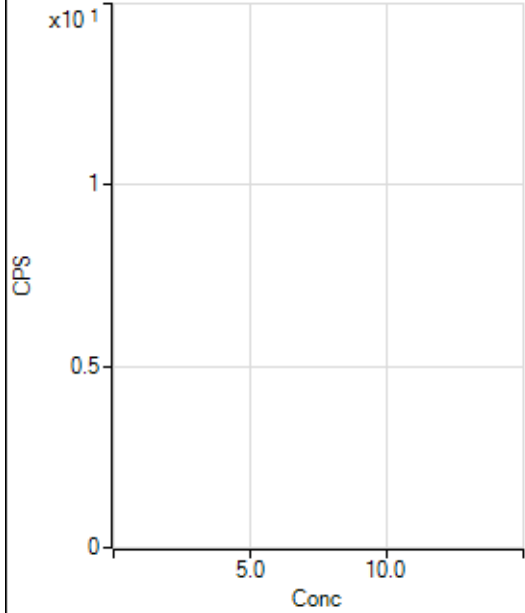
$$R = 1.0000$$

$$DL = 1.498$$

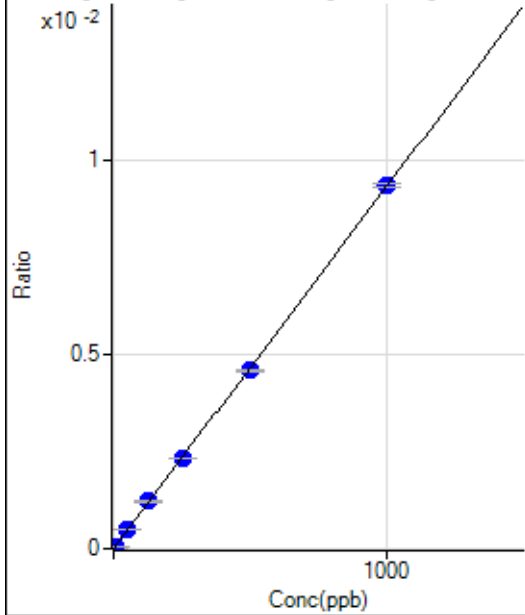
$$BEC = 1.178$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4199.56		P	2.6
2	☐			4429.63		P	1.8
3	☐			4355.17		P	4.0
4	☐			4314.05		P	2.6
5	☐			4276.25		P	4.3
6	☐			4451.87		P	1.1
7	☐			4677.50		P	1.8
8	☐			5037.62		P	2.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.00	0.0000	P	753.
2	☐	5.000	5.298	1345.66	0.0000	P	3.2
3	☐	50.000	51.264	12697.22	0.0005	P	1.0
4	☐	125.000	130.611	32110.71	0.0012	P	1.2
5	☐	250.000	250.552	62461.82	0.0023	P	0.8
6	☐	500.000	492.854	124012.82	0.0046	P	1.1
7	☐	1000.000	1002.669	248400.34	0.0093	P	1.2
8	☐			46.67	0.0000	P	111.

$$y = 9.3235E-006 * x + 3.6065E-007$$

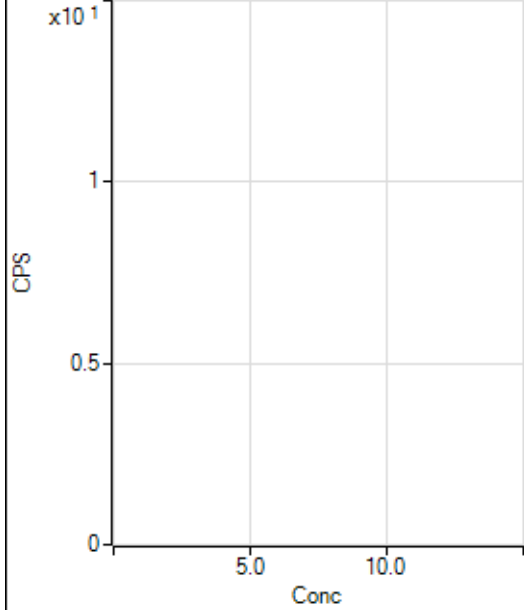
$$R = 0.9999$$

$$DL = 0.8748$$

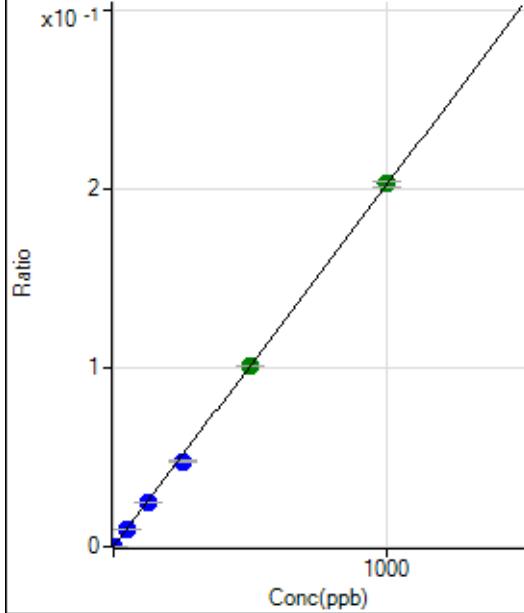
$$BEC = 0.03868$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			263.34		P	15.6
2	☐			248.89		P	7.4
3	☐			286.67		P	6.2
4	☐			280.01		P	2.4
5	☐			304.45		P	7.7
6	☐			298.89		P	7.1
7	☐			350.01		P	8.7
8	☐			372.23		P	3.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	693.36	0.0000	P	12.5
2	☐	1.000	1.003	6184.76	0.0002	P	3.8
3	☐	50.000	48.856	262836.25	0.0099	P	0.8
4	☐	125.000	122.883	655440.34	0.0249	P	1.2
5	☐	250.000	236.214	1277026.64	0.0478	P	1.9
6	☐	500.000	500.504	2730860.86	0.1012	A	0.4
7	☐	1000.000	1003.516	5389920.96	0.2029	A	1.7
8	☐			15950.32	0.0006	P	1.7

$$y = 2.0213\text{E-}004 * x + 2.5917\text{E-}005$$

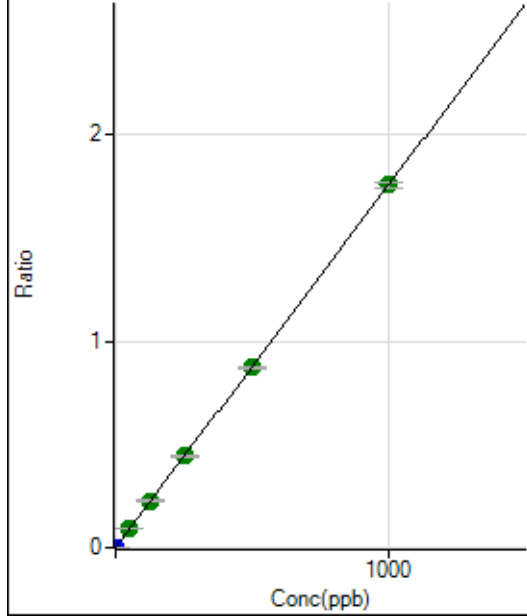
$$R = 0.9999$$

$$DL = 0.04827$$

$$BEC = 0.1282$$

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	2588.04	0.0001	P	2.1
2	☐	1.000	1.018	50902.27	0.0019	P	0.5
3	☐	50.000	51.721	2411691.80	0.0909	A	0.9
4	☐	125.000	129.602	5997325.60	0.2275	A	1.3
5	☐	250.000	252.206	11833865.66	0.4427	A	1.2
6	☐	500.000	496.339	23506501.04	0.8710	A	1.2
7	☐	1000.000	1000.618	46654099.86	1.7559	A	1.3
8	☐			136071.35	0.0054	P	1.0

$$y = 0.0018 * x + 9.6598E-005$$

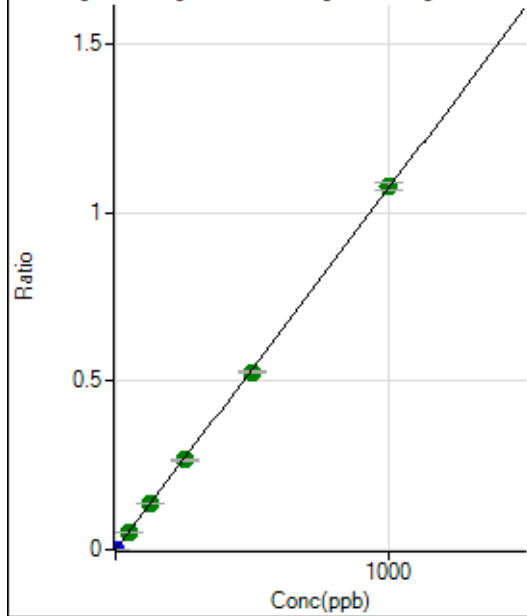
$$R = 1.0000$$

$$DL = 0.003515$$

$$BEC = 0.05505$$

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	987.82	0.0000	P	6.5
2	☐	1.000	0.994	29800.79	0.0011	P	2.4
3	☐	50.000	50.237	1429941.77	0.0539	A	0.9
4	☐	125.000	128.769	3638080.05	0.1380	A	1.8
5	☐	250.000	248.578	7121630.93	0.2664	A	1.6
6	☐	500.000	492.111	14232155.34	0.5273	A	1.2
7	☐	1000.000	1003.817	28577574.30	1.0757	A	2.3
8	☐			11760.60	0.0005	P	1.6

$$y = 0.0011 * x + 3.6894E-005$$

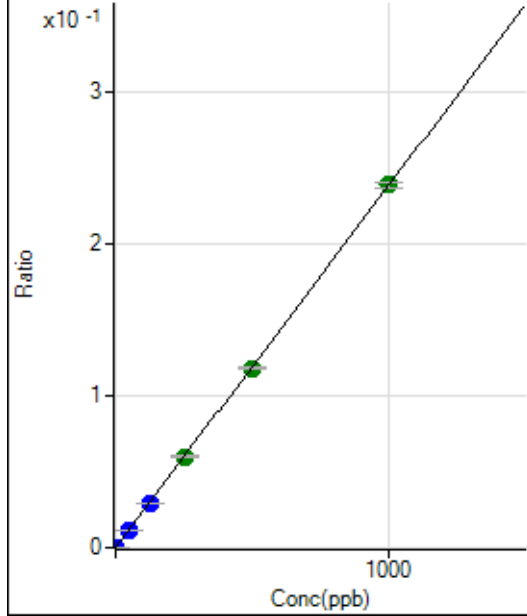
$$R = 0.9999$$

$$DL = 0.006726$$

$$BEC = 0.03443$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.11	0.0000	P	15.8
2	☐	1.000	1.005	6662.78	0.0002	P	2.7
3	☐	50.000	47.521	300428.64	0.0113	P	0.9
4	☐	125.000	120.755	757844.67	0.0287	P	0.7
5	☐	250.000	251.796	1602234.59	0.0599	A	2.7
6	☐	500.000	495.468	3182762.24	0.1179	A	1.0
7	☐	1000.000	1002.472	6339597.47	0.2386	A	1.5
8	☐			3015.92	0.0001	P	4.2

$$y = 2.3801\text{E-}004 * x + 7.1288\text{E-}006$$

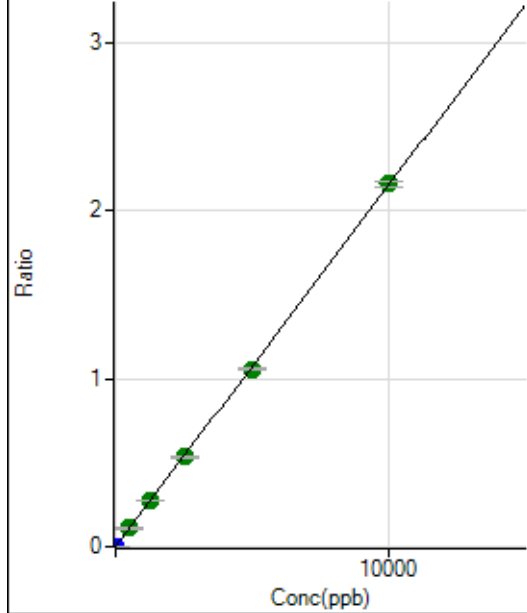
$$R = 1.0000$$

$$DL = 0.0142$$

$$BEC = 0.02995$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	611.13	0.0000	P	9.0
2	☐	5.000	5.808	34419.21	0.0013	P	1.3
3	☐	500.000	506.607	2894543.85	0.1090	A	0.6
4	☐	1250.000	1273.852	7226737.95	0.2741	A	1.1
5	☐	2500.000	2479.477	14264627.71	0.5336	A	1.4
6	☐	5000.000	4916.513	28554105.41	1.0580	A	1.0
7	☐	10000.000	10043.562	57424971.37	2.1613	A	1.6
8	☐			28522.57	0.0011	P	1.1

$$y = 2.1519\text{E-}004 * x + 2.2824\text{E-}005$$

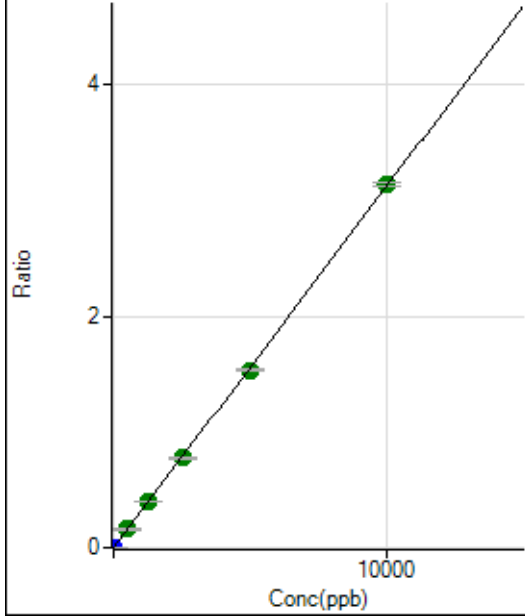
$$R = 0.9999$$

$$DL = 0.02854$$

$$BEC = 0.1061$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	565.57	0.0000	P	9.8
2	☐	5.000	4.950	42364.29	0.0016	P	1.0
3	☐	500.000	506.404	4197073.51	0.1581	A	0.9
4	☐	1250.000	1272.322	10469953.73	0.3972	A	2.2
5	☐	2500.000	2492.551	20802065.24	0.7781	A	1.4
6	☐	5000.000	4906.814	41339569.66	1.5318	A	0.8
7	☐	10000.000	10045.345	83323330.43	3.1359	A	0.9
8	☐			41867.25	0.0017	P	1.1

$$y = 3.1218\text{E-}004 * x + 2.1100\text{E-}005$$

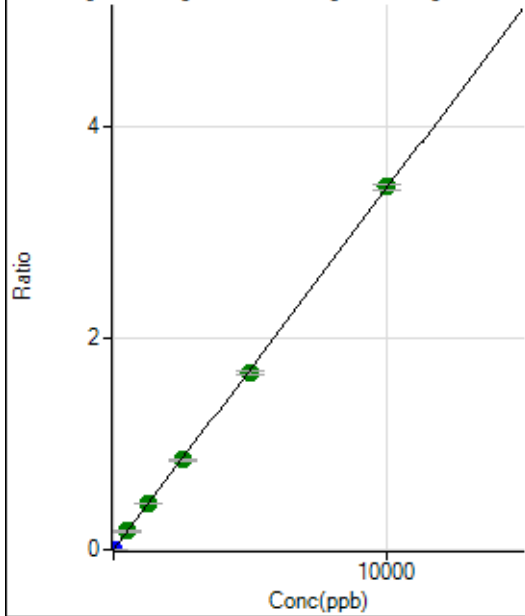
$$R = 0.9999$$

$$DL = 0.01986$$

$$BEC = 0.06759$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	662.24	0.0000	P	2.8
2	☐	5.000	5.039	47164.14	0.0017	P	1.3
3	☐	500.000	508.474	4605153.30	0.1735	A	1.7
4	☐	1250.000	1282.927	11537431.49	0.4377	A	2.0
5	☐	2500.000	2493.337	22740422.99	0.8506	A	1.6
6	☐	5000.000	4908.685	45194372.66	1.6746	A	1.7
7	☐	10000.000	10042.784	91033189.75	3.4262	A	1.5
8	☐			45925.61	0.0018	P	0.4

$$y = 3.4116\text{E-}004 * x + 2.4714\text{E-}005$$

$$R = 0.9999$$

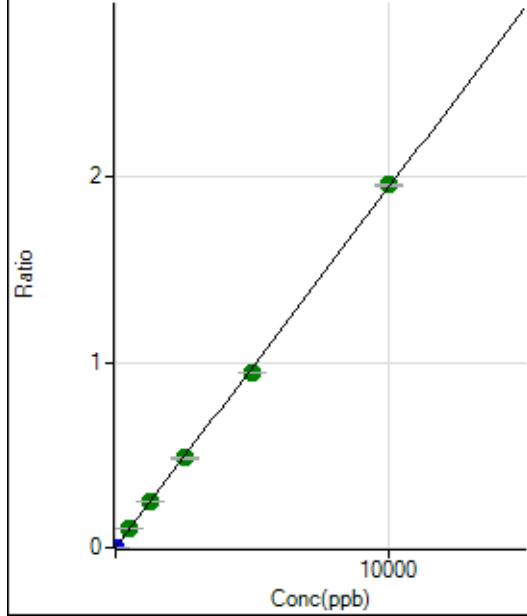
$$DL = 0.006028$$

$$BEC = 0.07244$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	358.90	0.0000	P	13.4
2	☐	5.000	4.961	26417.38	0.0010	P	0.3
3	☐	500.000	510.711	2632897.74	0.0992	A	0.9
4	☐	1250.000	1275.106	6527085.32	0.2476	A	1.9
5	☐	2500.000	2484.876	12900155.78	0.4825	A	1.2
6	☐	5000.000	4862.112	25480283.23	0.9442	A	0.7
7	☐	10000.000	10069.051	51953862.01	1.9553	A	0.6
8	☐			25240.74	0.0010	P	1.0

$$y = 1.9419\text{E-}004 * x + 1.3421\text{E-}005$$

$$R = 0.9998$$

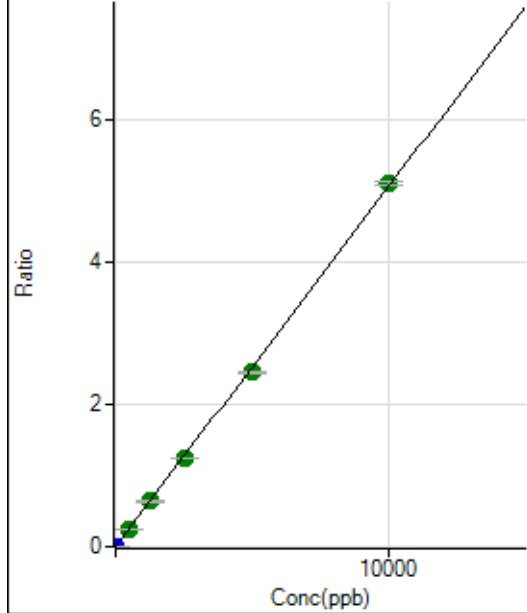
$$DL = 0.02786$$

$$BEC = 0.06911$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	905.59	0.0000	P	4.3
2	☐	5.000	4.916	68205.33	0.0025	P	1.3
3	☐	500.000	501.621	6739484.97	0.2539	A	1.2
4	☐	1250.000	1269.151	16930929.47	0.6423	A	2.2
5	☐	2500.000	2467.339	33382262.56	1.2487	A	1.4
6	☐	5000.000	4847.562	66207834.01	2.4533	A	0.9
7	☐	10000.000	10081.909	135568176.8	5.1023	A	1.1
8	☐			63793.34	0.0025	P	1.4

$$y = 5.0608\text{E-}004 * x + 3.3804\text{E-}005$$

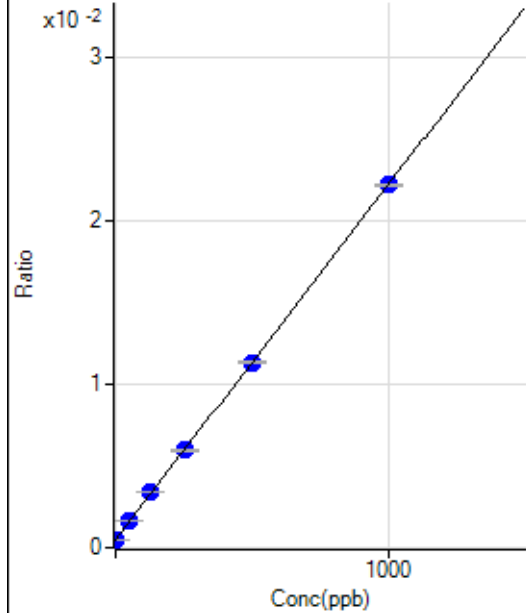
$$R = 0.9998$$

$$DL = 0.008677$$

$$BEC = 0.0668$$

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	10065.95	0.0005	P	2.8
2	☐	1.000	0.933	10554.11	0.0005	P	3.5
3	☐	50.000	53.092	33855.92	0.0016	P	1.0
4	☐	125.000	133.111	69056.03	0.0034	P	1.1
5	☐	250.000	252.210	123665.41	0.0060	P	1.3
6	☐	500.000	499.150	232649.04	0.0114	P	0.8
7	☐	1000.000	998.704	454742.28	0.0222	P	0.7
8	☐			8474.89	0.0004	P	1.5

$$y = 2.1757\text{E-}005 * x + 4.9288\text{E-}004$$

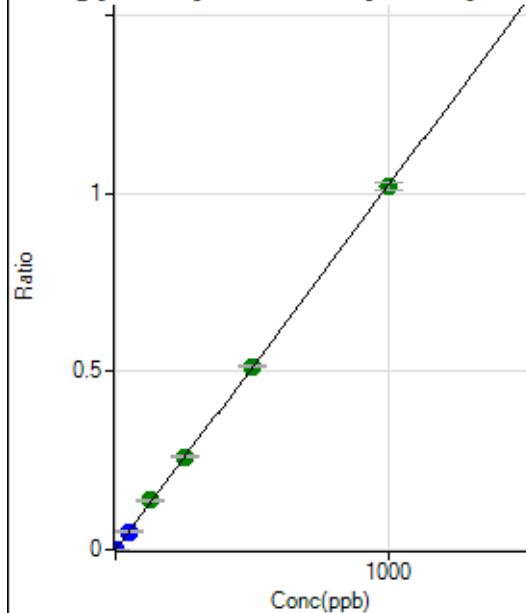
$$R = 1.0000$$

$$DL = 1.918$$

$$BEC = 22.65$$

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	168.89	0.0000	P	12.1
2	☐	1.000	0.988	20971.54	0.0010	P	2.3
3	☐	50.000	49.801	1046992.99	0.0510	P	1.7
4	☐	125.000	135.960	2834479.12	0.1391	A	2.8
5	☐	250.000	255.927	5415814.64	0.2619	A	0.6
6	☐	500.000	503.016	10548643.87	0.5147	A	0.8
7	☐	1000.000	995.650	20846824.41	1.0188	A	2.1
8	☐			3185.96	0.0002	P	7.7

$$y = 0.0010 * x + 8.2536\text{E-}006$$

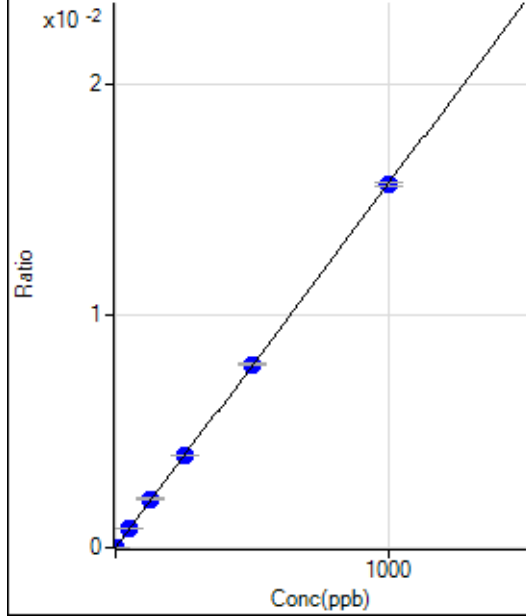
$$R = 0.9999$$

$$DL = 0.002934$$

$$BEC = 0.008066$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.55	0.0000	P	40.7
2	☐	1.000	1.128	390.01	0.0000	P	6.8
3	☐	50.000	52.447	16930.48	0.0008	P	1.6
4	☐	125.000	134.472	43014.79	0.0021	P	1.6
5	☐	250.000	253.712	82346.09	0.0040	P	1.4
6	☐	500.000	502.863	161711.47	0.0079	P	0.8
7	☐	1000.000	996.334	319923.42	0.0156	P	1.0
8	☐			224.45	0.0000	P	12.2

$$y = 1.5690\text{E-}005 * x + 1.2442\text{E-}006$$

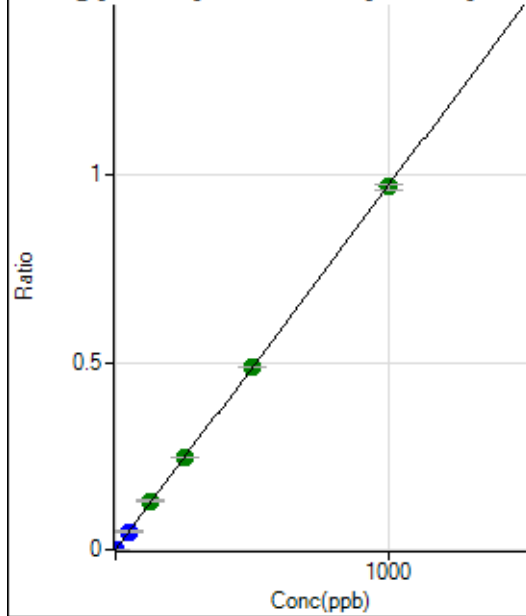
$$R = 1.0000$$

$$DL = 0.09678$$

$$BEC = 0.0793$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	24.4
2	☐	1.000	0.975	19541.70	0.0010	P	2.3
3	☐	50.000	49.761	993829.66	0.0484	P	1.8
4	☐	125.000	133.680	2648104.02	0.1300	A	1.6
5	☐	250.000	255.313	5133299.44	0.2482	A	0.5
6	☐	500.000	502.555	10012475.82	0.4886	A	0.6
7	☐	1000.000	996.321	19820496.65	0.9686	A	1.8
8	☐			3098.16	0.0002	P	4.5

$$y = 9.7219\text{E-}004 * x + 2.1805\text{E-}006$$

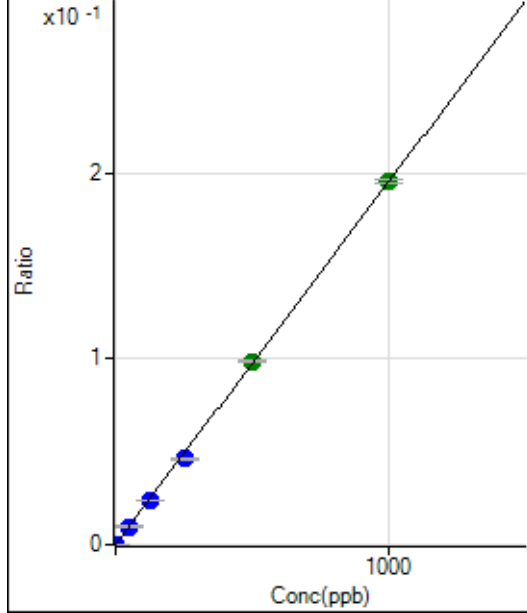
$$R = 0.9999$$

$$DL = 0.001639$$

$$BEC = 0.002243$$

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	2014.19	0.0001	P	2.8
2	☐	1.000	1.078	6361.95	0.0003	P	2.3
3	☐	50.000	49.510	200639.30	0.0098	P	1.6
4	☐	125.000	123.590	493791.84	0.0242	P	0.9
5	☐	250.000	237.082	959432.06	0.0464	P	1.5
6	☐	500.000	505.710	2025765.22	0.0989	A	1.1
7	☐	1000.000	1000.575	4000890.96	0.1955	A	0.9
8	☐			2743.48	0.0001	P	2.2

$$y = 1.9528\text{E-}004 * x + 9.8625\text{E-}005$$

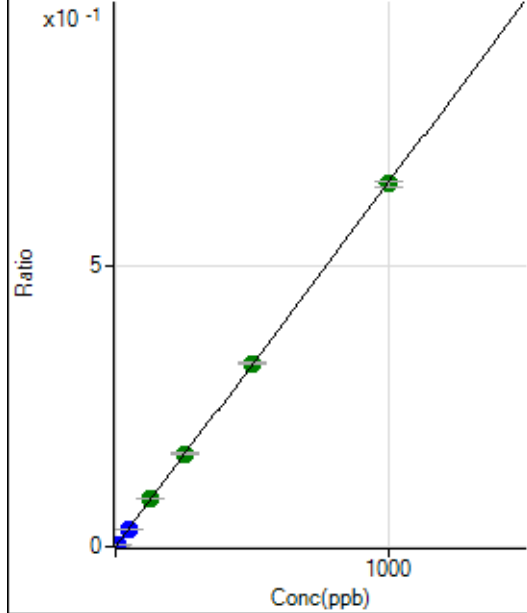
$$R = 0.9999$$

$$DL = 0.04239$$

$$BEC = 0.505$$

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	3593.85	0.0002	P	3.7
2	☐	5.000	5.175	72467.99	0.0035	P	1.6
3	☐	50.000	48.688	650485.07	0.0317	P	1.4
4	☐	125.000	132.741	1752691.07	0.0860	A	2.4
5	☐	250.000	254.474	3406997.45	0.1648	A	1.5
6	☐	500.000	503.330	6674443.44	0.3257	A	0.8
7	☐	1000.000	996.314	13190286.61	0.6445	A	1.2
8	☐			7775.62	0.0004	P	2.5

$$y = 6.4674\text{E-}004 * x + 1.7600\text{E-}004$$

$$R = 1.0000$$

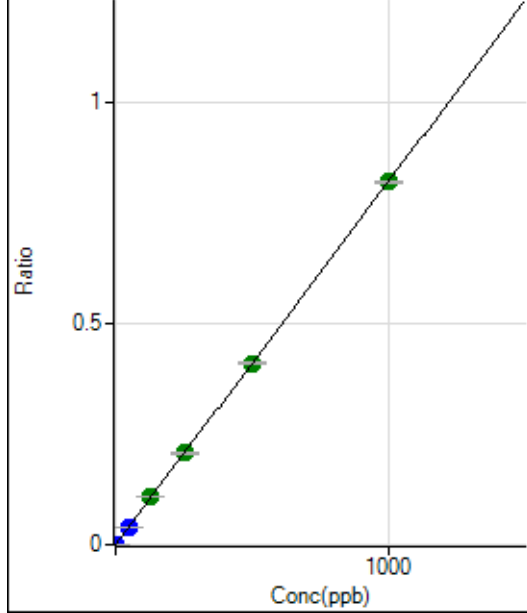
$$DL = 0.0306$$

$$BEC = 0.2721$$

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	76.67	0.0000	P	29.3
2	☐	2.000	2.002	33832.94	0.0016	P	2.1
3	☐	50.000	48.714	820561.57	0.0399	P	1.9
4	☐	125.000	131.902	2203397.31	0.1082	A	2.6
5	☐	250.000	252.112	4274623.68	0.2067	A	1.7
6	☐	500.000	499.003	8384226.54	0.4091	A	1.3
7	☐	1000.000	999.172	16764715.72	0.8192	A	0.7
8	☐			6597.22	0.0003	P	2.3

$$y = 8.1991\text{E-}004 * x + 3.7478\text{E-}006$$

$$R = 1.0000$$

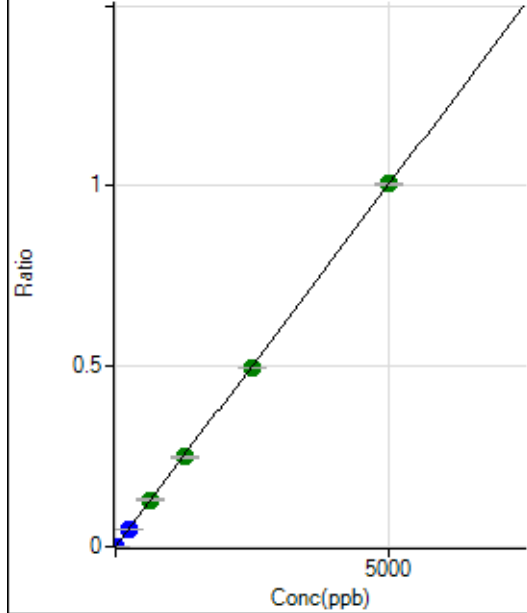
$$DL = 0.004019$$

$$BEC = 0.004571$$

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	207.78	0.0000	P	14.3
2	☐	10.000	10.102	41890.00	0.0020	P	2.3
3	☐	250.000	238.390	982658.67	0.0478	P	0.7
4	☐	625.000	645.751	2639447.04	0.1295	A	2.8
5	☐	1250.000	1240.206	5145201.24	0.2488	A	0.8
6	☐	2500.000	2475.772	10178216.17	0.4967	A	0.1
7	☐	5000.000	5012.549	20578360.80	1.0055	A	0.3
8	☐			9971.52	0.0005	P	4.7

$$y = 2.0060\text{E-}004 * x + 1.0189\text{E-}005$$

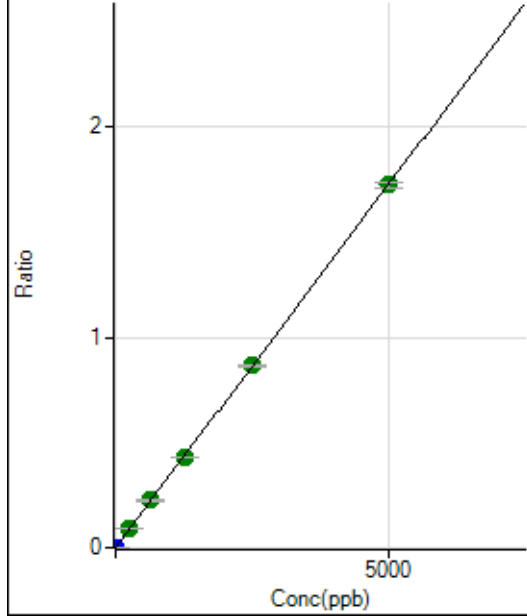
$$R = 1.0000$$

$$DL = 0.02174$$

$$BEC = 0.05079$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	285.56	0.0000	P	13.6
2	☐	10.000	10.078	71887.36	0.0035	P	1.7
3	☐	250.000	256.227	1818714.35	0.0885	A	1.4
4	☐	625.000	650.574	4578024.20	0.2247	A	3.5
5	☐	1250.000	1247.728	8912711.81	0.4310	A	0.7
6	☐	2500.000	2502.496	17713145.84	0.8644	A	1.3
7	☐	5000.000	4995.812	35314546.98	1.7256	A	1.3
8	☐			17687.22	0.0009	P	5.7

$$y = 3.4541E-004 * x + 1.4001E-005$$

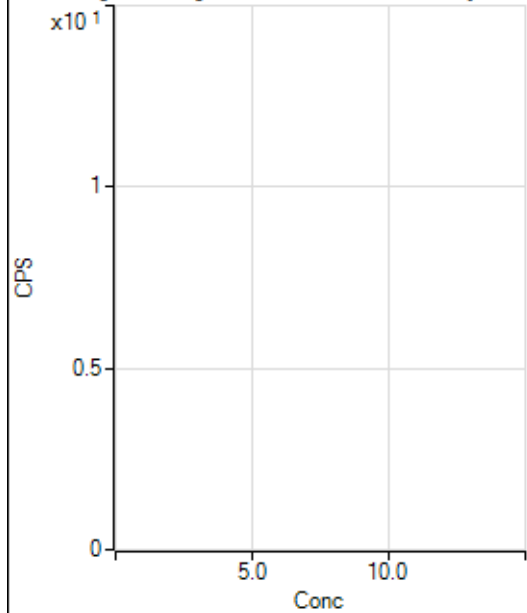
$$R = 1.0000$$

$$DL = 0.01655$$

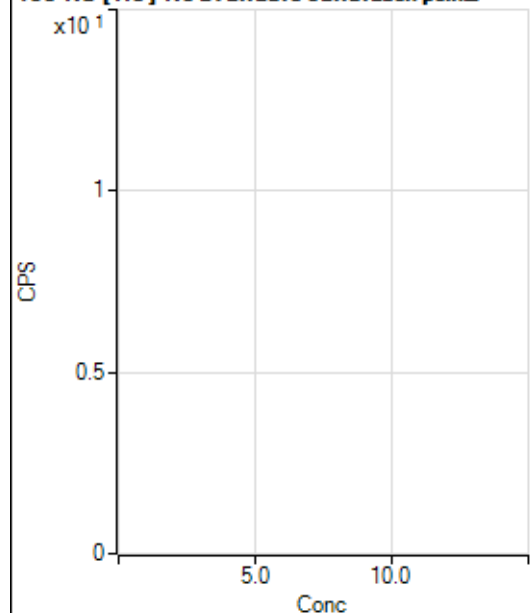
$$BEC = 0.04054$$

Weight: <None>

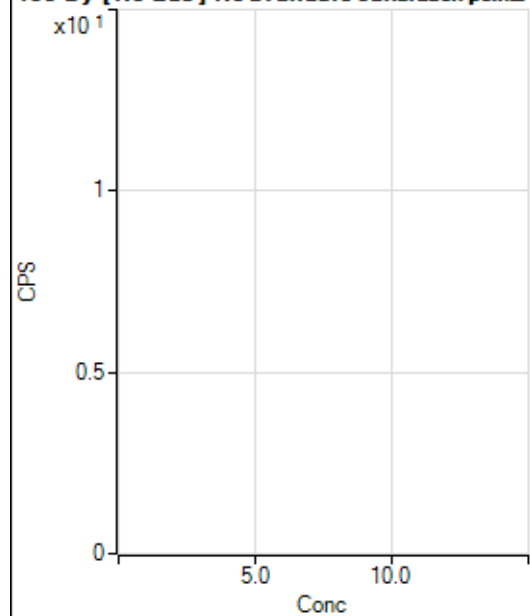
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

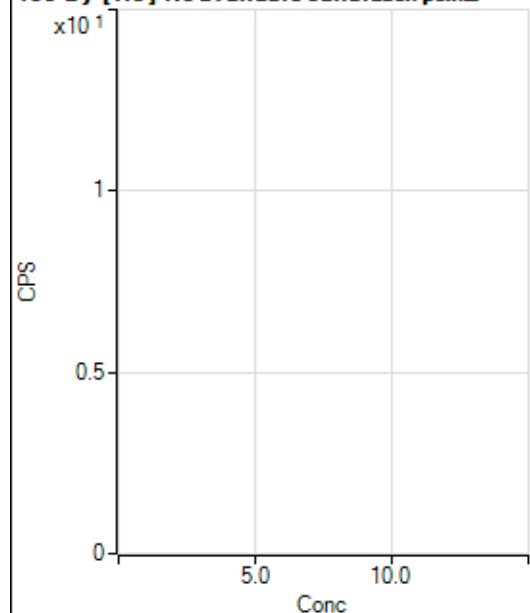
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	17.3
2	☐			20.00		P	33.4
3	☐			72.22		P	30.7
4	☐			181.12		P	14.1
5	☐			355.56		P	15.6
6	☐			732.25		P	3.0
7	☐			1457.87		P	4.8
8	☐			423.35		P	7.1

150 Nd [He] No available calibration points

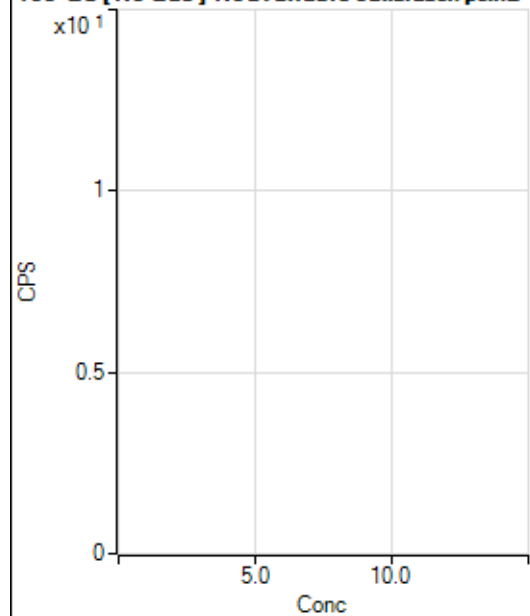
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			1.11		P	173.
3	☐			7.78		P	24.7
4	☐			10.00		P	88.2
5	☐			7.78		P	65.5
6	☐			24.45		P	83.3
7	☐			42.22		P	39.7
8	☐			65.55		P	35.7

156 Dy [No Gas] No available calibration points

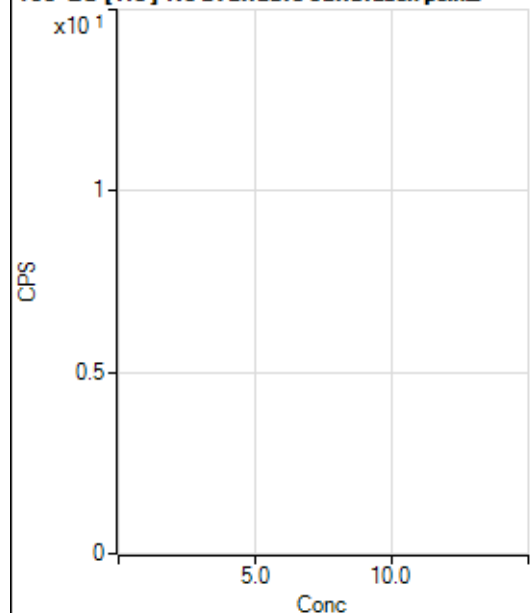
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			392.23		P	4.7
2	☐			353.34		P	14.2
3	☐			418.90		P	11.0
4	☐			391.12		P	9.4
5	☐			353.34		P	10.5
6	☐			421.12		P	7.6
7	☐			596.69		P	6.9
8	☐			703.36		P	3.7

156 Dy [He] No available calibration points

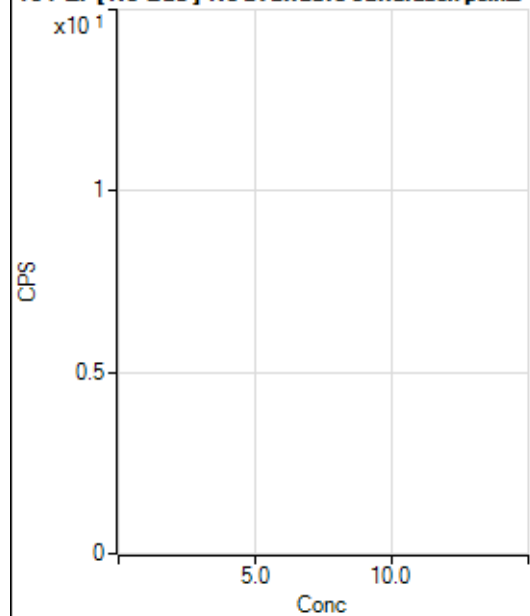
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	66.2
2	☐			7.78		P	24.7
3	☐			12.22		P	15.7
4	☐			22.22		P	22.9
5	☐			12.22		P	78.7
6	☐			37.78		P	18.4
7	☐			51.11		P	35.9
8	☐			156.67		P	17.0

160 Gd [No Gas] Noavailable calibration poin_

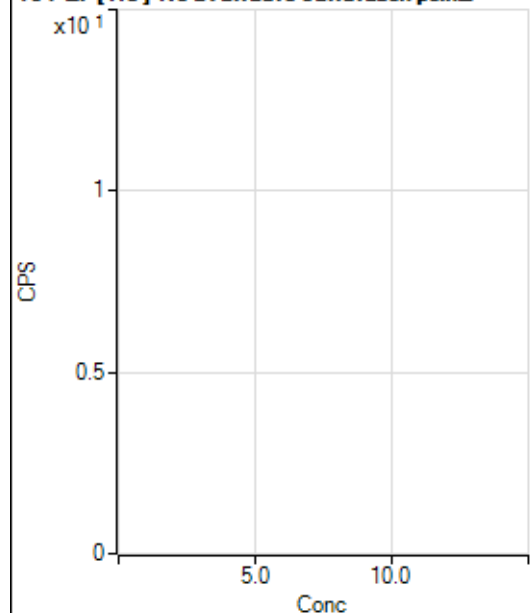
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			140.00		P	12.4
2	☐			154.45		P	31.4
3	☐			147.78		P	2.6
4	☐			148.89		P	3.4
5	☐			174.45		P	12.7
6	☐			232.23		P	7.9
7	☐			270.01		P	10.1
8	☐			584.46		P	13.1

160 Gd [He] No available calibration points

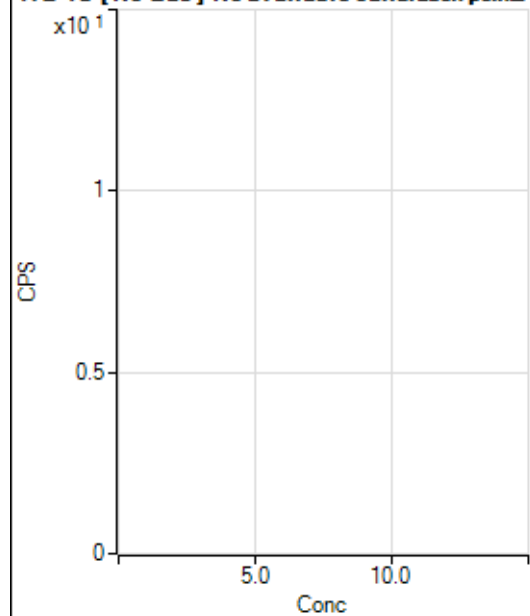
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	19.9
2	☐			21.11		P	36.5
3	☐			30.00		P	19.2
4	☐			18.89		P	66.8
5	☐			35.56		P	42.3
6	☐			37.78		P	53.2
7	☐			63.33		P	18.2
8	☐			185.56		P	5.5

164 Er [No Gas] No available calibration points

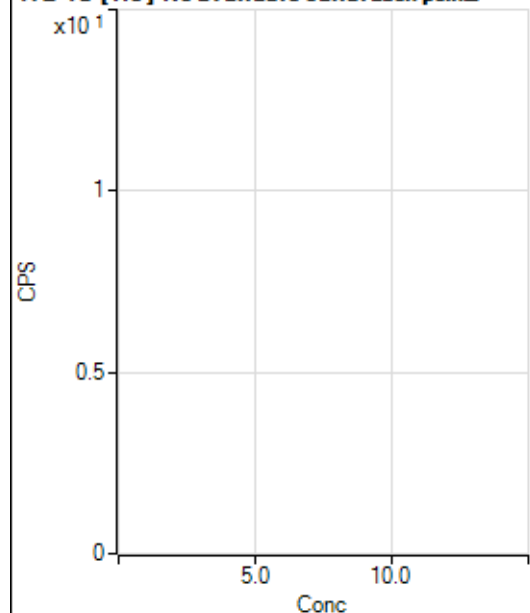
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.22		P	10.0
2	☐			91.11		P	24.4
3	☐			105.56		P	9.1
4	☐			96.67		P	15.8
5	☐			150.00		P	11.5
6	☐			183.34		P	11.4
7	☐			294.45		P	7.5
8	☐			702.25		P	4.6

164 Er [He] No available calibration points

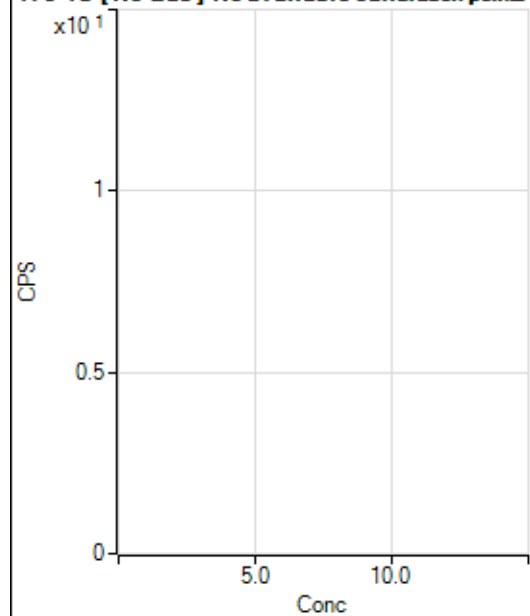
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	28.6
2	☐			30.00		P	50.9
3	☐			38.89		P	21.6
4	☐			37.78		P	31.0
5	☐			52.22		P	16.1
6	☐			67.78		P	7.5
7	☐			90.00		P	19.6
8	☐			235.56		P	5.4

172 Yb [No Gas] No available calibration points

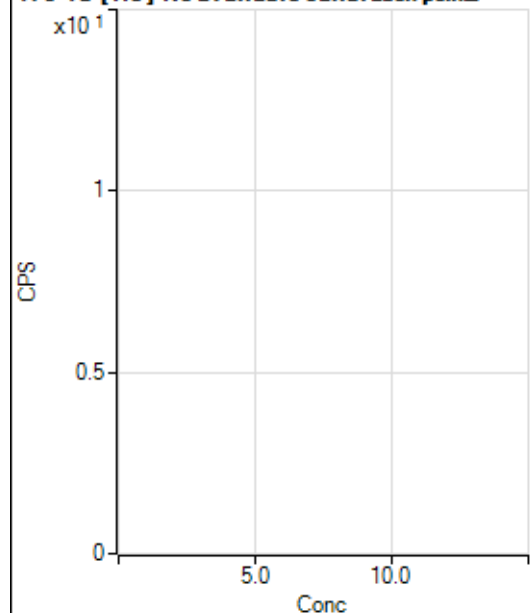
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			133.34		P	13.9
2	☐			113.34		P	10.6
3	☐			114.45		P	14.4
4	☐			132.22		P	8.1
5	☐			185.56		P	12.2
6	☐			233.34		P	8.6
7	☐			365.56		P	7.0
8	☐			1158.95		P	5.5

172 Yb [He] No available calibration points

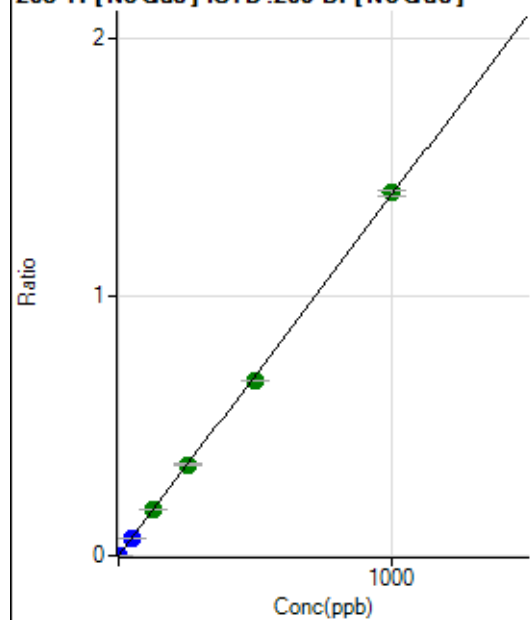
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	12.1
2	☐			35.55		P	37.9
3	☐			47.78		P	21.3
4	☐			53.33		P	31.2
5	☐			62.22		P	16.4
6	☐			85.56		P	13.7
7	☐			124.45		P	13.7
8	☐			433.34		P	5.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2930.36		P	3.0
2	☐			3012.60		P	4.7
3	☐			6427.19		P	3.9
4	☐			12153.47		P	3.3
5	☐			21224.93		P	4.0
6	☐			38964.01		P	0.3
7	☐			74982.33		P	0.3
8	☐			3120.40		P	4.5

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			475.57		P	10.2
2	☐			510.02		P	6.6
3	☐			1520.10		P	8.0
4	☐			3248.21		P	1.0
5	☐			5975.85		P	1.3
6	☐			11260.45		P	2.6
7	☐			23065.73		P	1.0
8	☐			628.91		P	6.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	288.90	0.0000	P	0.5
2	☐	1.000	0.933	17054.63	0.0013	P	1.8
3	☐	50.000	46.614	822943.48	0.0649	P	0.7
4	☐	125.000	127.335	2226888.11	0.1773	A	1.5
5	☐	250.000	252.611	4347138.62	0.3518	A	1.1
6	☐	500.000	486.246	8365977.24	0.6771	A	0.7
7	☐	1000.000	1006.102	16858136.55	1.4009	A	1.4
8	☐			1294.52	0.0001	P	6.1

$$y = 0.0014 * x + 2.2658E-005$$

$$R = 0.9999$$

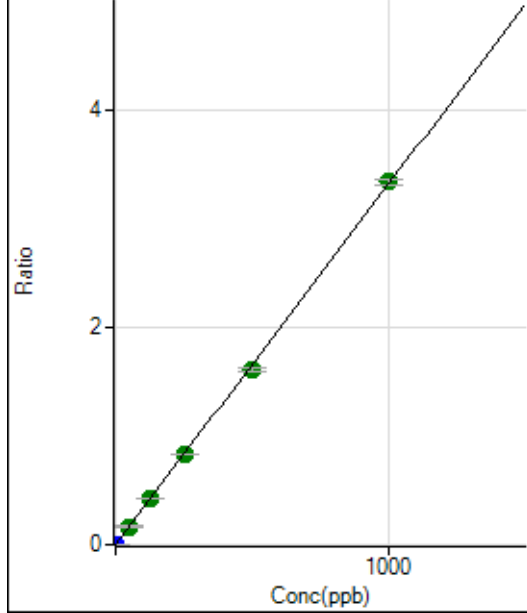
$$DL = 0.0002584$$

$$BEC = 0.01627$$

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	644.47	0.0001	P	8.8
2	☐	1.000	0.934	40604.49	0.0031	P	0.6
3	☐	50.000	50.336	2115896.30	0.1669	A	1.5
4	☐	125.000	126.888	5283901.21	0.4207	A	0.5
5	☐	250.000	250.049	10246048.11	0.8291	A	0.6
6	☐	500.000	486.011	19908531.51	1.6113	A	1.5
7	☐	1000.000	1006.730	40163777.74	3.3377	A	1.5
8	☐			3108.19	0.0003	P	8.1

$$y = 0.0033 * x + 5.0567E-005$$

$$R = 0.9999$$

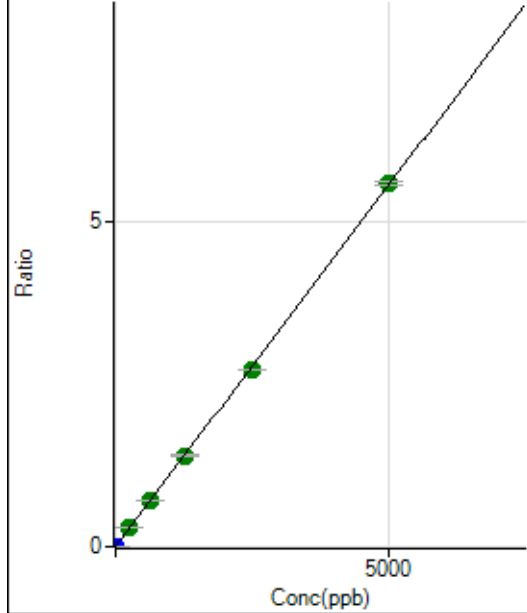
$$DL = 0.004027$$

$$BEC = 0.01525$$

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	988.94	0.0001	P	9.2
2	☐	1.000	0.935	14439.22	0.0011	P	2.0
3	☐	250.000	256.037	3616402.03	0.2853	A	0.5
4	☐	625.000	634.843	8883505.08	0.7074	A	1.7
5	☐	1250.000	1263.386	17396008.35	1.4076	A	0.4
6	☐	2500.000	2451.509	33748500.89	2.7313	A	0.4
7	☐	5000.000	5019.367	67295292.88	5.5922	A	1.1
8	☐			10246.37	0.0010	P	1.3

$$y = 0.0011 * x + 7.7552E-005$$

$$R = 0.9999$$

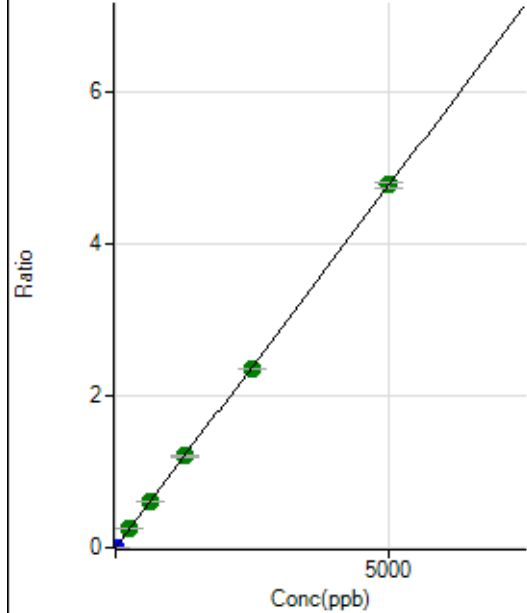
$$DL = 0.0193$$

$$BEC = 0.06961$$

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	828.92	0.0001	P	0.9
2	☐	1.000	0.969	12756.37	0.0010	P	1.4
3	☐	250.000	256.462	3100755.23	0.2447	A	1.0
4	☐	625.000	645.067	7726682.11	0.6153	A	1.1
5	☐	1250.000	1265.180	14912187.00	1.2067	A	0.9
6	☐	2500.000	2462.674	29021974.01	2.3487	A	0.1
7	☐	5000.000	5012.037	57520501.36	4.7800	A	1.4
8	☐			8836.42	0.0008	P	3.0

$$y = 9.5370\text{E-}004 * x + 6.5019\text{E-}005$$

$$R = 0.9999$$

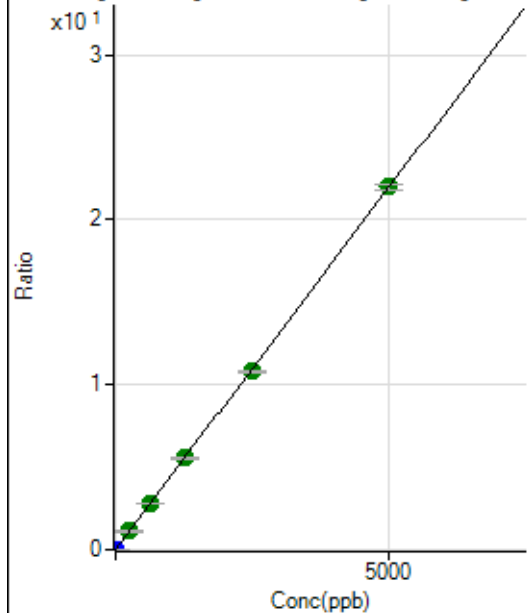
$$DL = 0.001756$$

$$BEC = 0.06818$$

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	3906.94	0.0003	P	3.3
2	☐	1.000	0.956	58042.37	0.0045	P	1.0
3	☐	250.000	252.836	14058970.21	1.1092	A	0.7
4	☐	625.000	642.178	35376417.74	2.8169	A	0.7
5	☐	1250.000	1262.518	68435905.93	5.5377	A	0.9
6	☐	2500.000	2464.241	133548073.2	10.8084	A	0.7
7	☐	5000.000	5012.461	264558372.1	21.9849	A	1.3
8	☐			40717.60	0.0039	P	1.0

$$y = 0.0044 * x + 3.0650\text{E-}004$$

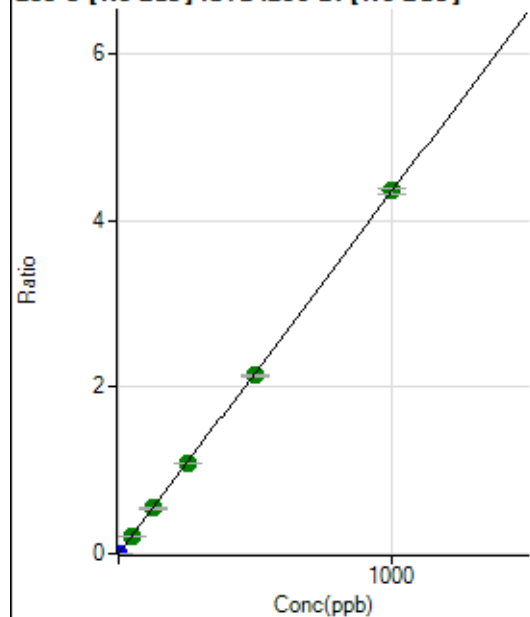
$$R = 1.0000$$

$$DL = 0.006937$$

$$BEC = 0.06988$$

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	85.56	0.0000	P	21.7
2	☐	1.000	0.941	52814.60	0.0041	P	0.6
3	☐	50.000	49.901	2747533.92	0.2168	A	0.7
4	☐	125.000	125.859	6866523.65	0.5468	A	1.6
5	☐	250.000	250.357	13440659.10	1.0876	A	0.9
6	☐	500.000	493.561	26491599.88	2.1441	A	0.9
7	☐	1000.000	1003.028	52433345.89	4.3573	A	1.4
8	☐			2190.22	0.0002	P	13.2

$$y = 0.0043 * x + 6.7134E-006$$

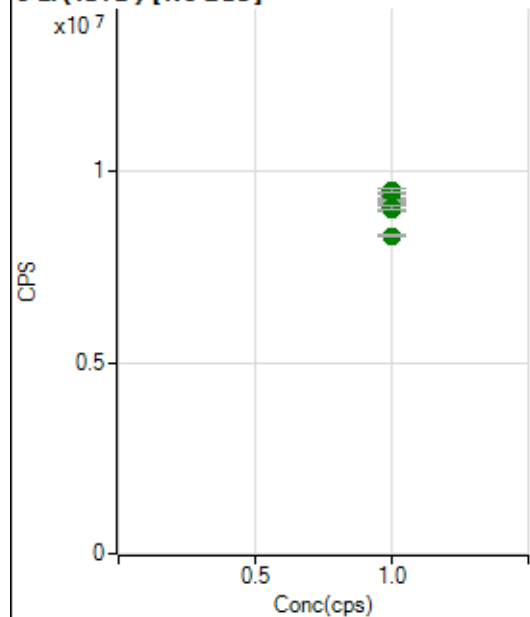
$$R = 1.0000$$

$$DL = 0.001006$$

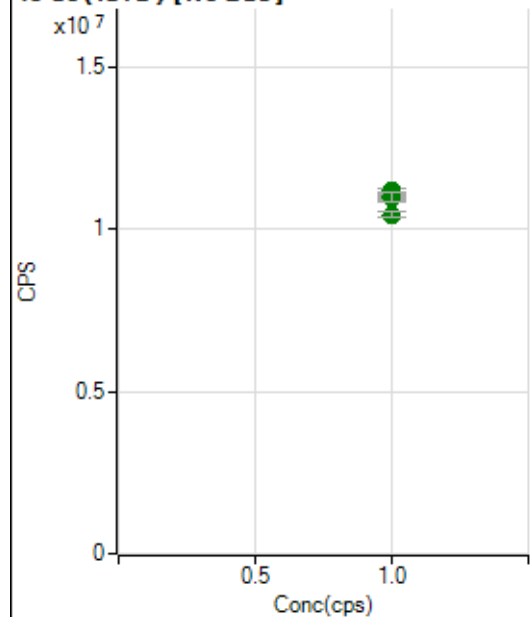
$$BEC = 0.001545$$

Weight: <None>

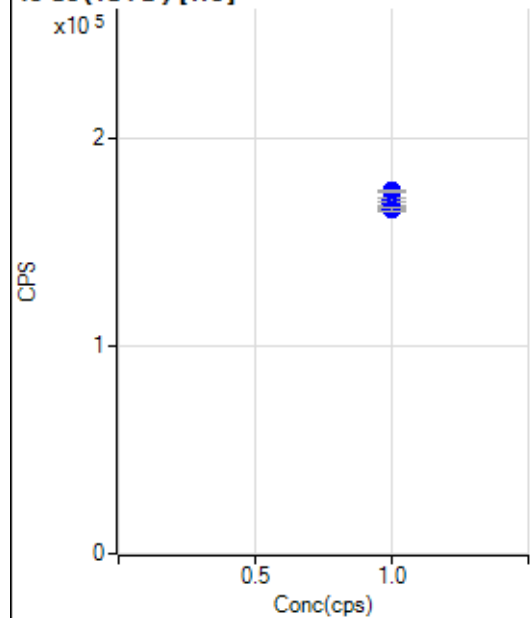
Min Conc: 0

6 Li (ISTD) [No Gas]

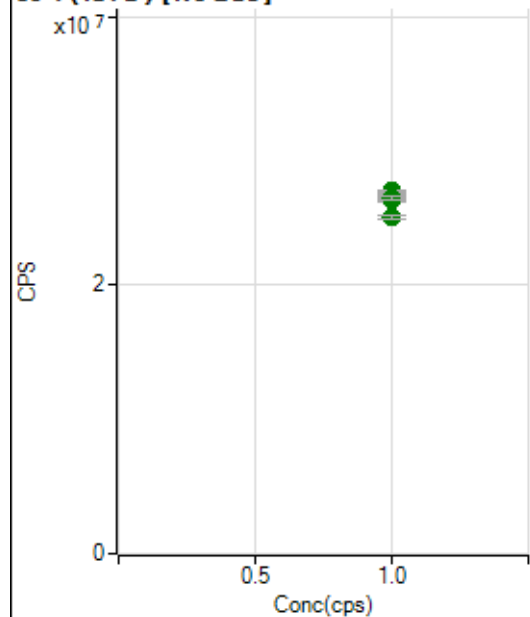
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9365075.94		A	0.8
2	☐	1.000		9499837.95		A	1.2
3	☐	1.000		9228738.51		A	1.3
4	☐	1.000		9114335.72		A	0.5
5	☐	1.000		9036679.49		A	1.3
6	☐	1.000		9238549.47		A	0.7
7	☐	1.000		9060589.42		A	1.4
8	☐	1.000		8321292.25		A	0.5

45 Sc (ISTD) [No Gas]

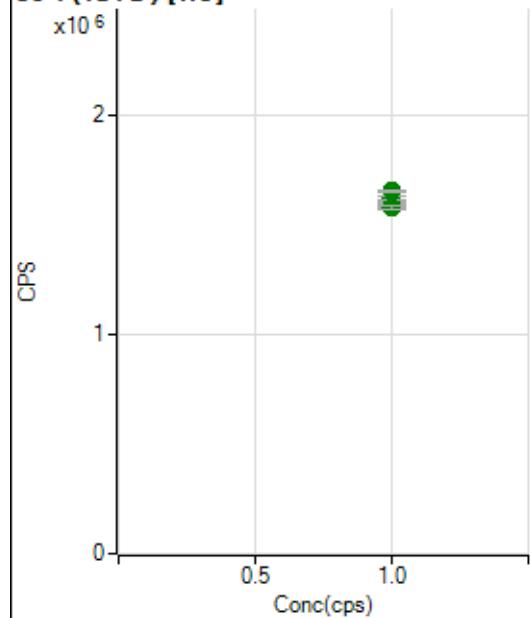
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11149539.28		A	1.8
2	☐	1.000		11176270.53		A	1.5
3	☐	1.000		11111393.17		A	0.7
4	☐	1.000		10958774.56		A	0.9
5	☐	1.000		10983545.95		A	0.1
6	☐	1.000		11037673.03		A	1.6
7	☐	1.000		10984561.09		A	2.3
8	☐	1.000		10450966.23		A	1.3

45 Sc (ISTD) [He]

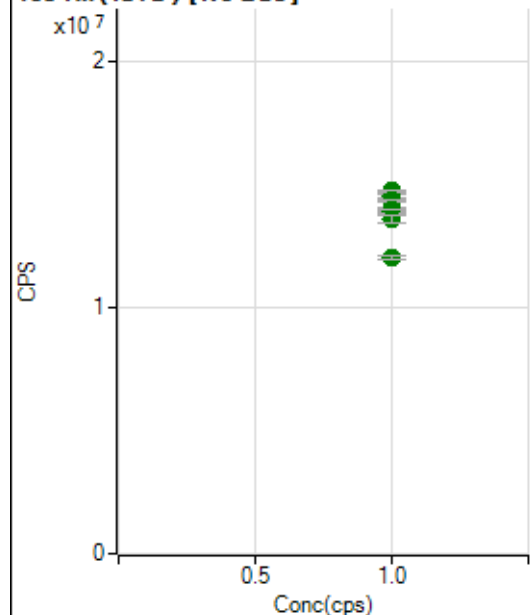
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		168827.73		P	0.8
2	☐	1.000		170178.93		P	1.2
3	☐	1.000		167015.50		P	0.4
4	☐	1.000		166511.18		P	0.5
5	☐	1.000		167175.37		P	0.4
6	☐	1.000		170556.47		P	0.8
7	☐	1.000		174790.91		P	0.5
8	☐	1.000		165934.50		P	1.0

89 Y (ISTD) [No Gas]

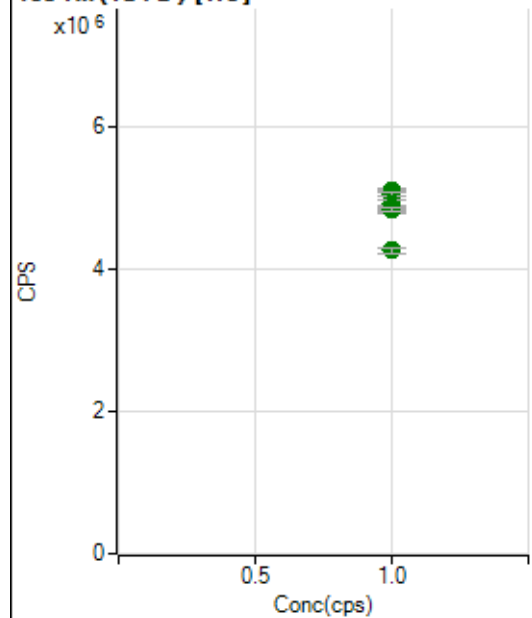
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		26799594.88		A	2.4
2	☐	1.000		27045323.76		A	0.3
3	☐	1.000		26545905.71		A	0.7
4	☐	1.000		26362439.61		A	1.0
5	☐	1.000		26735639.05		A	1.0
6	☐	1.000		26987135.43		A	0.6
7	☐	1.000		26572308.77		A	1.2
8	☐	1.000		25086041.57		A	1.6

89 Y (ISTD) [He]

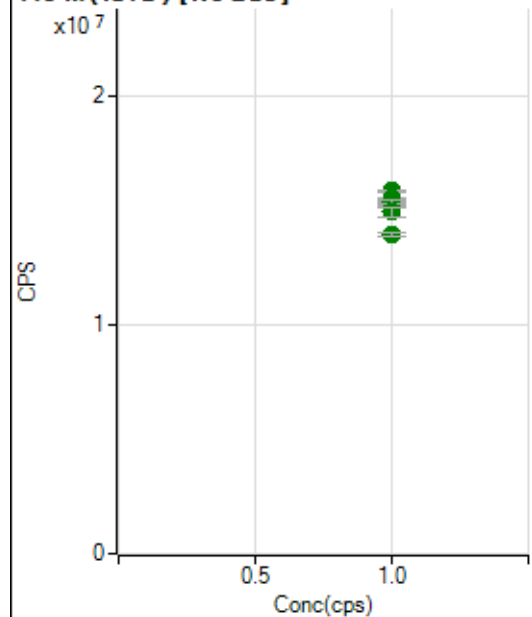
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1587823.17		A	1.4
2	☐	1.000		1610190.50		A	0.4
3	☐	1.000		1604470.57		A	0.5
4	☐	1.000		1594559.59		A	0.2
5	☐	1.000		1596585.55		A	0.5
6	☐	1.000		1618317.96		A	1.2
7	☐	1.000		1652072.91		A	0.7
8	☐	1.000		1573248.54		A	0.9

103 Rh (ISTD) [No Gas]

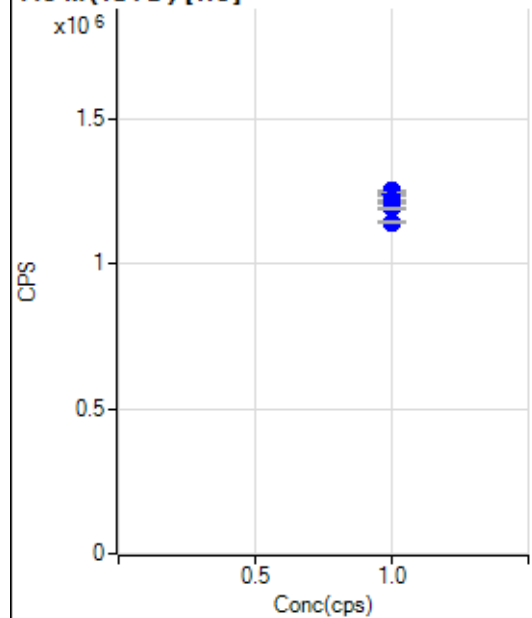
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14537071.87		A	1.1
2	☐	1.000		14727586.86		A	0.8
3	☐	1.000		14328818.68		A	0.3
4	☐	1.000		13993333.40		A	0.7
5	☐	1.000		13981938.40		A	0.8
6	☐	1.000		13889342.71		A	0.9
7	☐	1.000		13591465.77		A	2.7
8	☐	1.000		12006003.43		A	1.3

103 Rh (ISTD) [He]

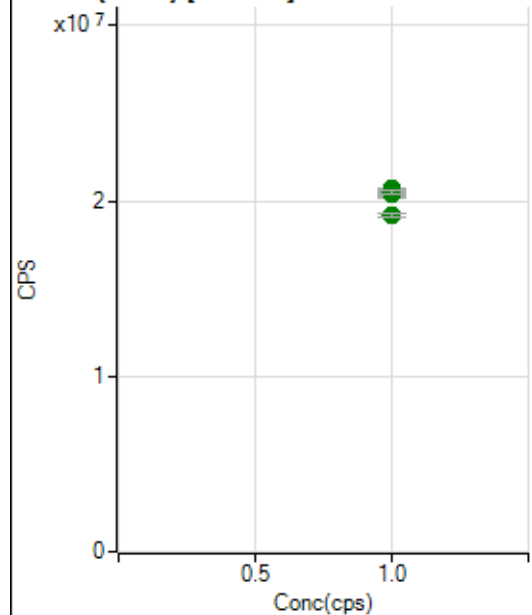
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5084057.28		A	2.3
2	☐	1.000		5103730.41		A	0.3
3	☐	1.000		5049092.53		A	1.1
4	☐	1.000		4922862.22		A	1.8
5	☐	1.000		4866433.23		A	0.9
6	☐	1.000		4831450.90		A	1.7
7	☐	1.000		4847162.63		A	0.9
8	☐	1.000		4265515.21		A	1.6

115 In (ISTD) [No Gas]

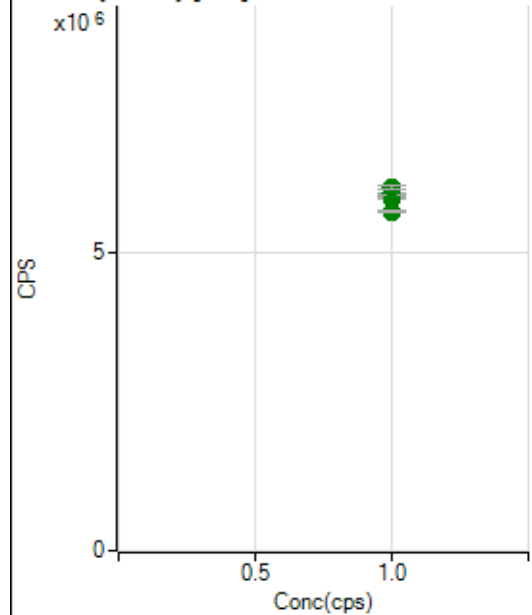
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15826260.77		A	0.4
2	☐	1.000		15863401.82		A	0.4
3	☐	1.000		15548118.69		A	0.5
4	☐	1.000		15505988.41		A	1.1
5	☐	1.000		15375918.52		A	1.6
6	☐	1.000		15420521.33		A	1.0
7	☐	1.000		14958170.44		A	2.9
8	☐	1.000		13921891.94		A	1.2

115 In (ISTD) [He]

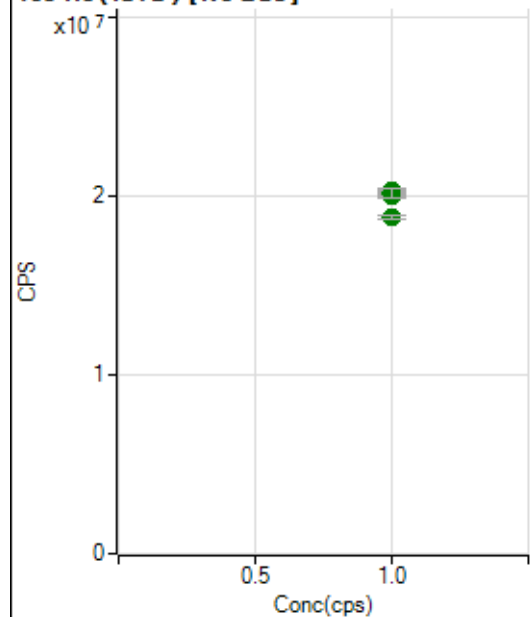
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1250892.02		P	0.7
2	☐	1.000		1248402.43		P	0.9
3	☐	1.000		1239746.34		P	0.8
4	☐	1.000		1219461.53		P	0.4
5	☐	1.000		1214340.92		P	0.3
6	☐	1.000		1207674.18		P	0.3
7	☐	1.000		1190314.55		P	0.1
8	☐	1.000		1141701.09		P	0.8

159 Tb (ISTD) [No Gas]

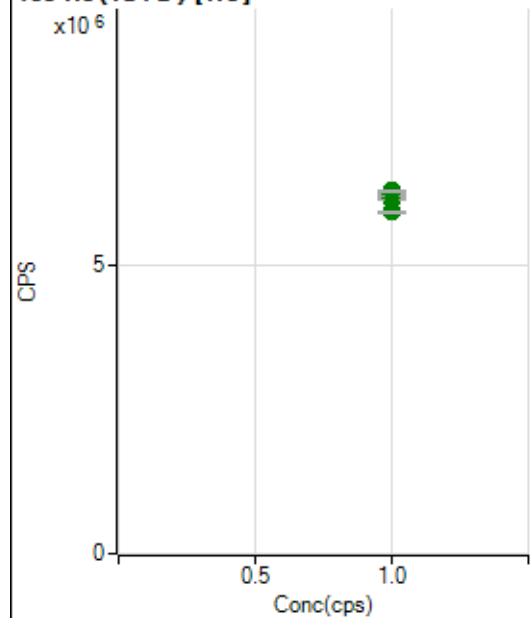
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20430303.58		A	2.0
2	☐	1.000		20572601.22		A	1.6
3	☐	1.000		20544918.86		A	1.0
4	☐	1.000		20378245.12		A	1.4
5	☐	1.000		20680374.69		A	0.6
6	☐	1.000		20493380.39		A	0.7
7	☐	1.000		20464852.20		A	1.0
8	☐	1.000		19176564.30		A	1.1

159 Tb (ISTD) [He]

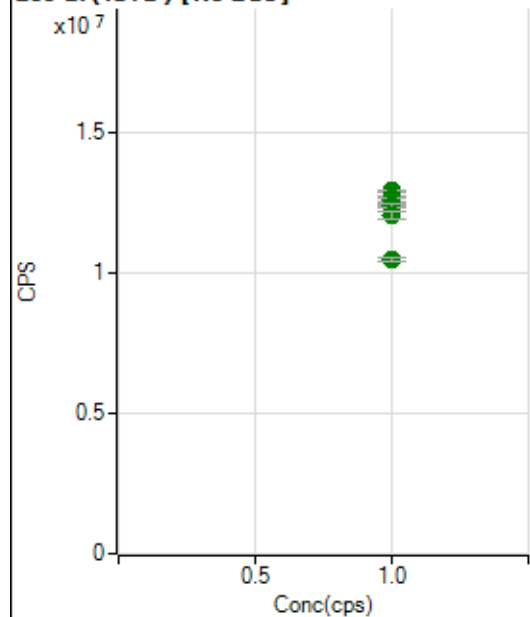
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5935637.14		A	1.5
2	☐	1.000		5901098.66		A	0.7
3	☐	1.000		5959828.66		A	0.3
4	☐	1.000		5937930.33		A	1.2
5	☐	1.000		5936896.16		A	0.3
6	☐	1.000		6003114.14		A	1.5
7	☐	1.000		6076929.56		A	1.0
8	☐	1.000		5675662.07		A	0.4

165 Ho (ISTD) [No Gas]

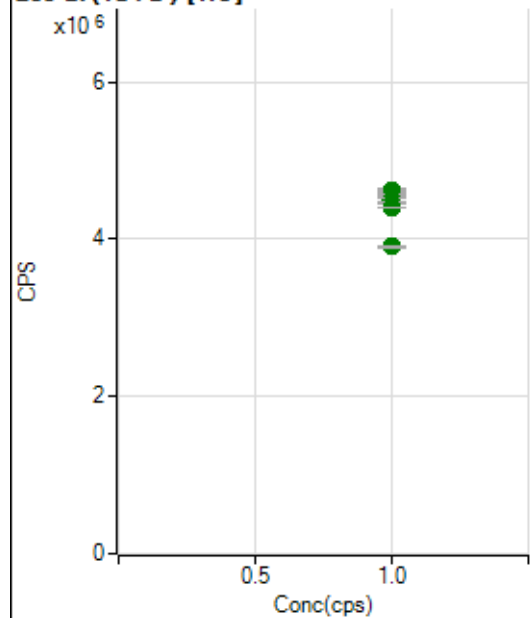
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20142795.67		A	2.2
2	☐	1.000		20203403.87		A	1.2
3	☐	1.000		20276568.03		A	0.7
4	☐	1.000		19949449.98		A	0.7
5	☐	1.000		20099721.09		A	0.6
6	☐	1.000		20213566.50		A	0.6
7	☐	1.000		20148795.26		A	2.2
8	☐	1.000		18805530.55		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6162990.67		A	0.8
2	☐	1.000		6208264.49		A	0.3
3	☐	1.000		6249086.71		A	0.6
4	☐	1.000		6173420.88		A	1.1
5	☐	1.000		6185741.44		A	0.6
6	☐	1.000		6263796.36		A	1.1
7	☐	1.000		6307346.36		A	0.3
8	☐	1.000		5942304.21		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12749966.06		A	1.4
2	☐	1.000		12901729.53		A	0.1
3	☐	1.000		12674777.59		A	0.9
4	☐	1.000		12559177.73		A	0.9
5	☐	1.000		12358597.87		A	0.6
6	☐	1.000		12356538.98		A	1.3
7	☐	1.000		12035453.85		A	1.8
8	☐	1.000		10457910.61		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4611216.25		A	1.6
2	☐	1.000		4607819.38		A	0.3
3	☐	1.000		4587943.72		A	0.8
4	☐	1.000		4559966.67		A	0.3
5	☐	1.000		4491259.34		A	1.0
6	☐	1.000		4452999.55		A	0.5
7	☐	1.000		4396625.00		A	0.3
8	☐	1.000		3904825.88		A	0.8