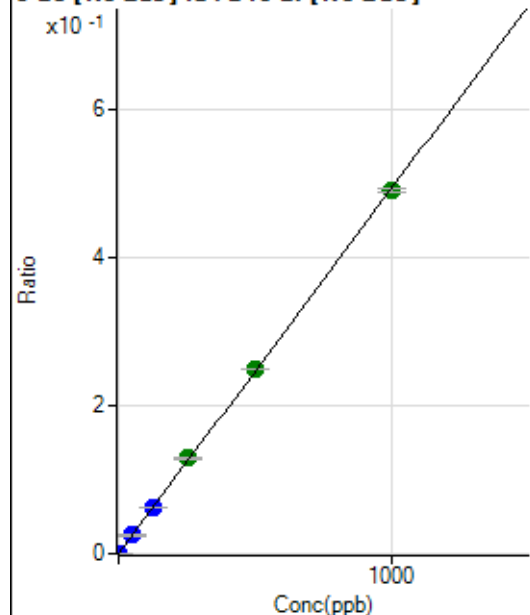


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P100624-MS.b\
 Analysis File: P100624-MS.batch.bin
 DA Date-Time: 2024-10-06 22:43:31
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-06 03:14:17
2	005CALS.d	S02	2024-10-06 03:17:35
3	006CALS.d	S03	2024-10-06 03:20:56
4	007CALS.d	S04	2024-10-06 03:23:58
5	008CALS.d	S05	2024-10-06 03:27:01
6	009CALS.d	S06	2024-10-06 03:30:03
7	010CALS.d	S07	2024-10-06 03:33:06
8	011CALS.d	S08	2024-10-06 03:36:08

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	167.90	0.0000	P	3.6
2	☐	1.000	1.015	7155.86	0.0005	P	2.2
3	☐	50.000	50.089	353528.66	0.0247	P	1.6
4	☐	125.000	124.837	878022.48	0.0616	P	0.6
5	☐	250.000	262.052	1826602.95	0.1293	A	2.4
6	☐	500.000	506.834	3525549.99	0.2500	A	0.5
7	☐	1000.000	993.586	7025394.70	0.4901	A	0.9
8	☐			1533.64	0.0001	P	17.9

$$y = 4.9328\text{E-}004 * x + 1.2079\text{E-}005$$

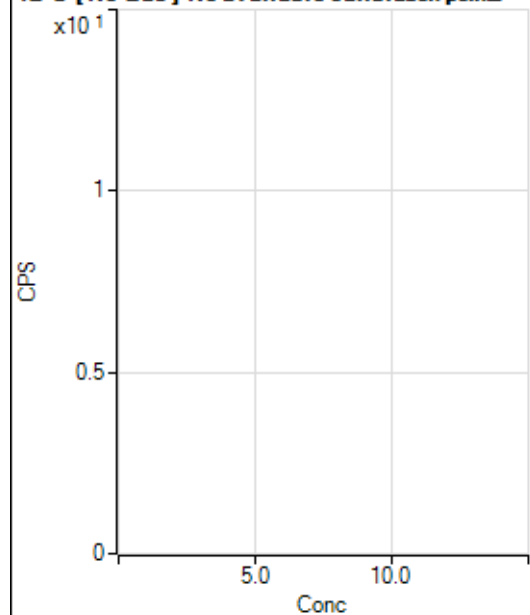
$$R = 0.9999$$

$$DL = 0.002636$$

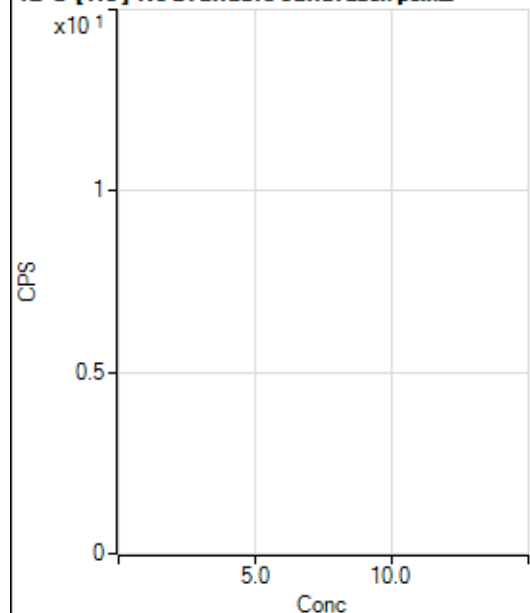
$$BEC = 0.02449$$

Weight: <None>

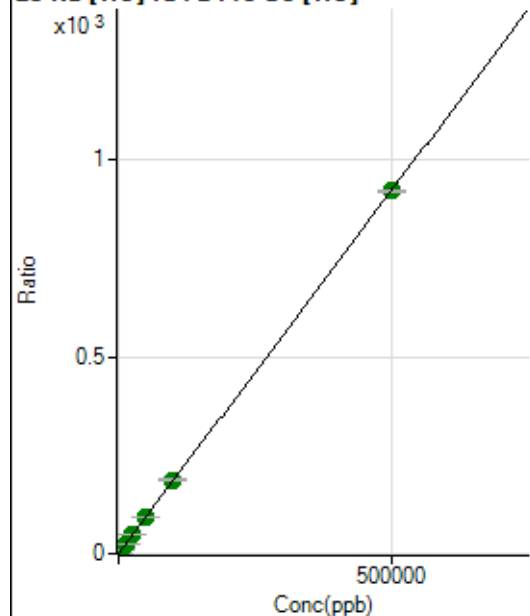
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			3634574.81		A	0.9
2	☐			3424796.55		A	0.7
3	☐			3535491.96		A	0.2
4	☐			3606627.69		A	0.7
5	☐			3782773.52		A	0.5
6	☐			4080754.17		A	1.8
7	☐			4762073.82		A	4.4
8	☐			3632408.00		A	1.3

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			33580.46		P	0.5
2	☐			31948.05		P	1.8
3	☐			32674.07		P	1.5
4	☐			33970.36		P	0.8
5	☐			35177.56		P	0.3
6	☐			39632.20		P	0.4
7	☐			47808.52		P	1.4
8	☐			46625.84		P	0.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13466.30	0.0276	P	2.3
2	☐	500.000	476.299	449999.38	0.9064	P	0.8
3	☐	5000.000	5063.316	4732295.17	9.3700	A	1.5
4	☐	12500.000	12698.168	11850722.32	23.4572	A	0.5
5	☐	25000.000	25398.080	23589792.15	46.8901	A	0.7
6	☐	50000.000	50483.295	46620274.30	93.1753	A	1.2
7	☐	100000.00	101638.33	95100013.03	187.5625	A	0.9
8	☐	500000.00	499598.53	442580108.96	921.8467	A	0.5

$$y = 0.0018 * x + 0.0276$$

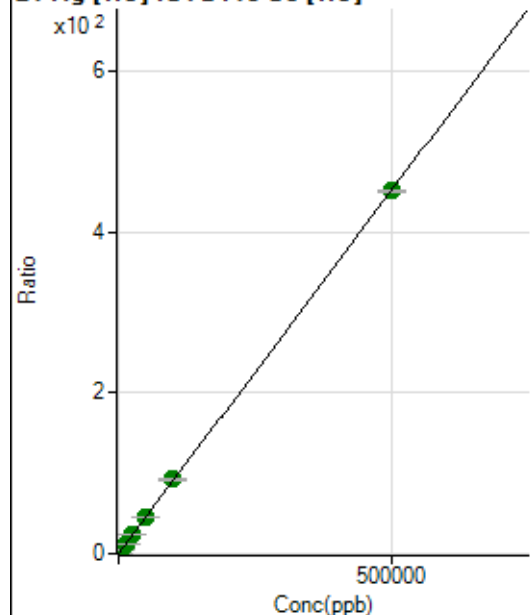
$$R = 1.0000$$

$$DL = 1.02$$

$$BEC = 14.94$$

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	775.59	0.0016	P	4.4
2	☐	500.000	524.555	236403.82	0.4762	P	0.4
3	☐	5000.000	5285.884	2416058.33	4.7838	A	1.9
4	☐	12500.000	12999.837	5942487.41	11.7627	A	1.3
5	☐	25000.000	25890.383	11784722.74	23.4249	A	1.0
6	☐	50000.000	51186.387	23171917.15	46.3105	A	0.8
7	☐	100000.00	102328.80	46940120.41	92.5797	A	1.1
8	☐	500000.00	499355.70	216896383.43	451.7747	A	0.7

$$y = 9.0471\text{E-}004 * x + 0.0016$$

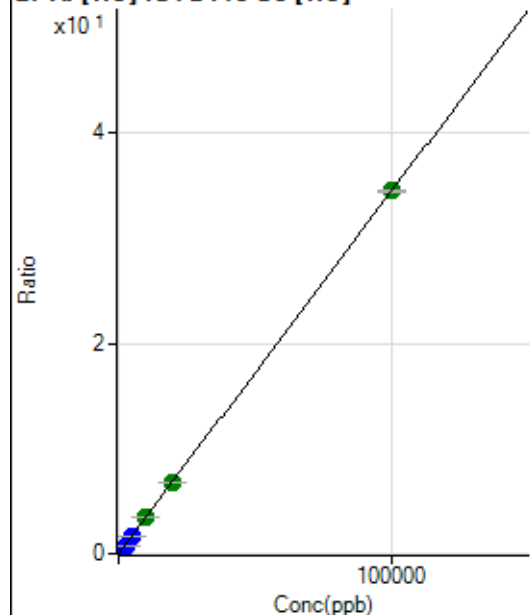
$$R = 1.0000$$

$$DL = 0.2295$$

$$BEC = 1.755$$

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	207.78	0.0004	P	5.5
2	☐	20.000	18.052	3298.19	0.0066	P	2.4
3	☐	1000.000	965.561	168196.08	0.3330	P	0.7
4	☐	2500.000	2376.215	413737.38	0.8189	P	0.4
5	☐	5000.000	4733.784	820561.00	1.6310	P	0.7
6	☐	10000.000	9930.622	1711897.11	3.4212	A	0.6
7	☐	20000.000	19694.840	3440070.68	6.7846	A	0.3
8	☐	100000.00	100084.72	16552793.09	34.4760	A	0.3

$$y = 3.4446\text{E-}004 * x + 4.2542\text{E-}004$$

$$R = 1.0000$$

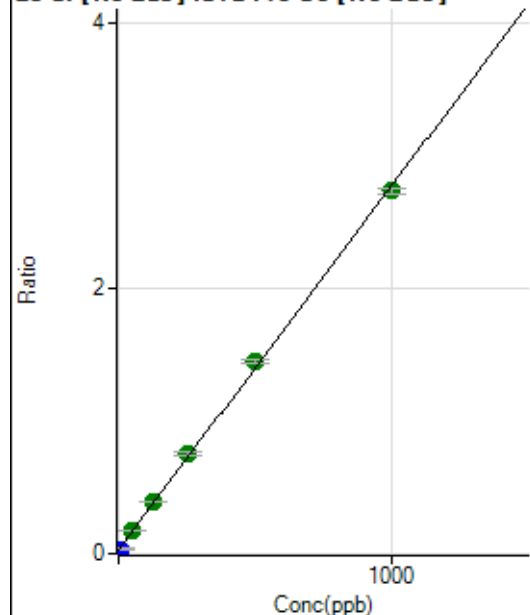
$$DL = 0.2042$$

$$BEC = 1.235$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	556125.27	0.0294	P	1.7
2	☐	10.000	2.418	674667.41	0.0360	P	2.3
3	☐	50.000	52.640	3365548.42	0.1735	A	0.9
4	☐	125.000	133.259	7643870.30	0.3942	A	1.4
5	☐	250.000	263.165	14423583.26	0.7499	A	3.1
6	☐	500.000	517.976	27869483.47	1.4476	A	1.1
7	☐	1000.000	986.632	53359490.87	2.7308	A	1.4
8	☐			963598.38	0.0604	M	0.3

$$y = 0.0027 * x + 0.0294$$

$$R = 0.9996$$

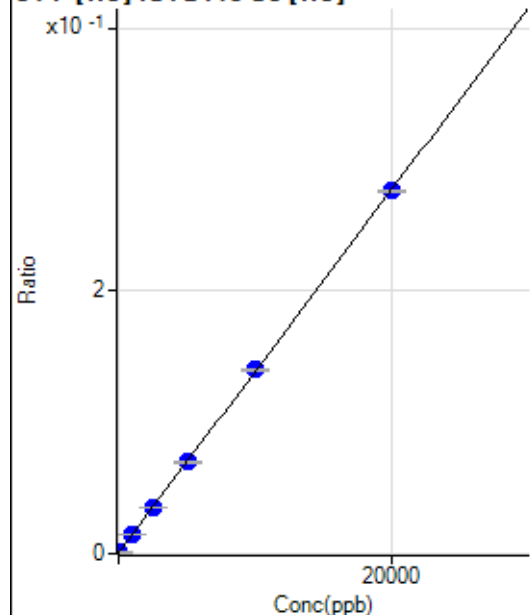
$$DL = 0.5356$$

$$BEC = 10.72$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.436	186.67	0.0004	P	17.0
2	☐	0.000	13.436	374.46	0.0008	P	16.3
3	☐	1000.000	1015.397	7377.51	0.0146	P	1.5
4	☐	2500.000	2529.736	17957.87	0.0355	P	1.5
5	☐	5000.000	5020.504	35206.03	0.0700	P	1.6
6	☐	10000.000	10089.816	70087.97	0.1401	P	1.3
7	☐	20000.000	19945.479	140114.29	0.2763	P	0.5
8	☐			223.34	0.0005	P	4.5

$$y = 1.3826E-005 * x + 5.6796E-004$$

$$R = 1.0000$$

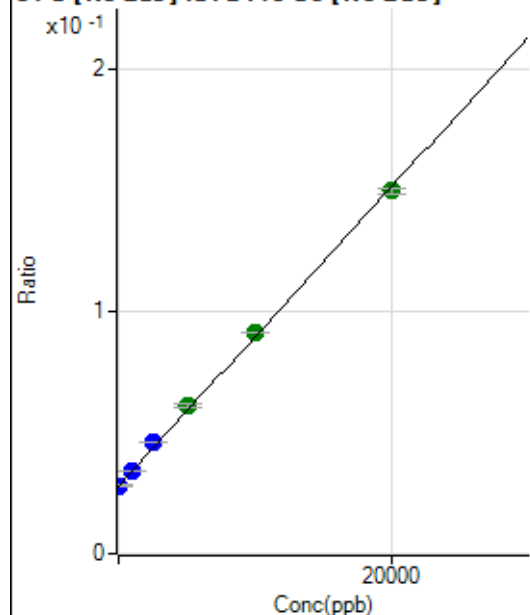
$$DL = 20.37$$

$$BEC = 41.08$$

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	-21.032	526070.30	0.0278	P	1.7
2	☐	0.000	21.032	525701.34	0.0280	P	1.4
3	☐	1000.000	994.140	660467.03	0.0340	P	0.0
4	☐	2500.000	2888.935	887059.09	0.0457	P	0.3
5	☐	5000.000	5378.956	1175822.92	0.0611	A	2.8
6	☐	10000.000	10275.700	1759276.59	0.0914	A	0.5
7	☐	20000.000	19719.087	2925213.08	0.1497	A	1.4
8	☐			486380.78	0.0305	P	3.2

$$y = 6.1767E-006 * x + 0.0279$$

R = 0.9995

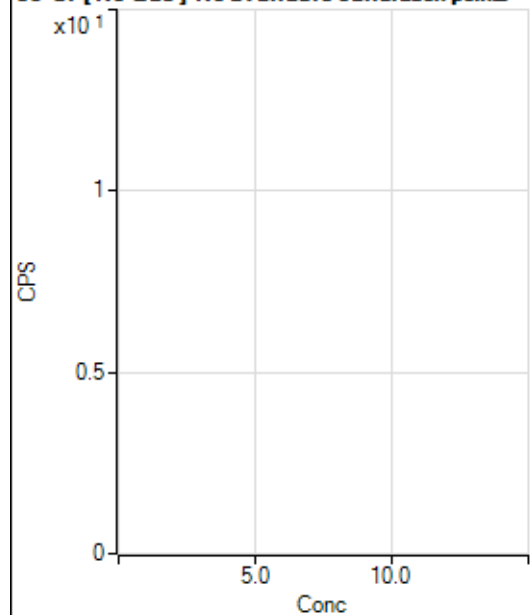
DL = 211.9

BEC = 4518

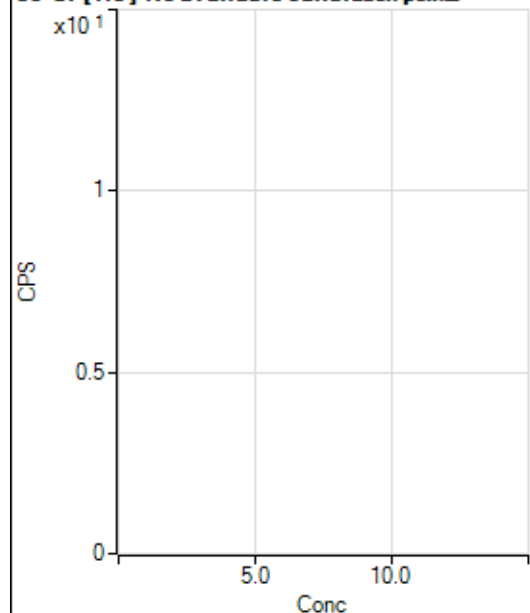
Weight: <None>

Min Conc: 0

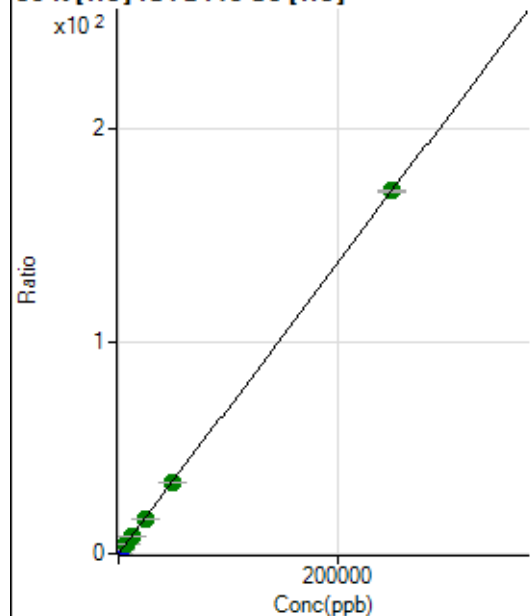
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			475082.33		P	0.2
2	☐			477121.19		P	0.3
3	☐			485731.27		P	0.8
4	☐			505416.33		P	0.4
5	☐			486713.35		P	0.4
6	☐			496728.33		P	0.7
7	☐			526851.59		P	0.8
8	☐			438958.58		P	0.8

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2378.00		P	6.1
2	☐			2398.00		P	1.4
3	☐			2303.55		P	4.0
4	☐			2533.58		P	3.9
5	☐			2448.01		P	2.7
6	☐			2651.38		P	7.4
7	☐			2672.50		P	4.6
8	☐			2683.61		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12402.09	0.0254	P	2.6
2	☐	500.000	456.098	167223.93	0.3368	P	0.9
3	☐	2500.000	2361.423	827185.02	1.6378	P	0.5
4	☐	6250.000	6170.294	2141344.19	4.2386	A	0.6
5	☐	12500.000	12213.598	4208309.80	8.3650	A	0.9
6	☐	25000.000	24214.707	8285820.78	16.5596	A	0.6
7	☐	50000.000	48914.326	16948044.05	33.4249	A	0.4
8	☐	250000.00	250313.45	82071234.89	170.9436	A	0.3

$$y = 6.8282E-004 * x + 0.0254$$

$$R = 1.0000$$

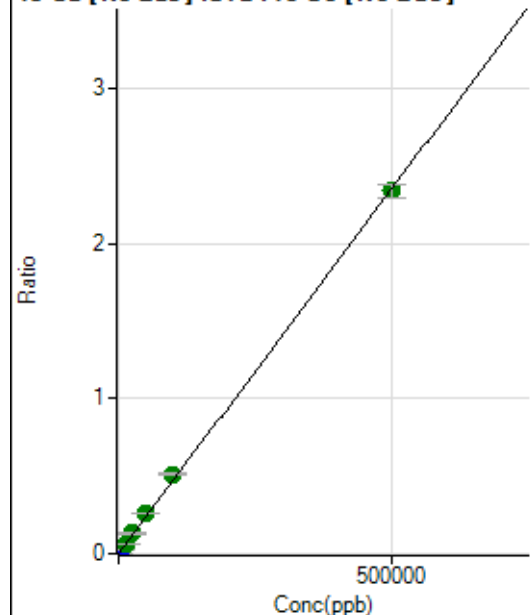
$$DL = 2.946$$

$$BEC = 37.19$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	455.57	0.0000	P	3.7
2	☐	500.000	458.922	40901.25	0.0022	P	2.9
3	☐	5000.000	5244.928	478807.87	0.0247	P	1.1
4	☐	12500.000	14237.478	1298286.87	0.0670	A	1.8
5	☐	25000.000	27812.015	2515516.89	0.1308	A	2.8
6	☐	50000.000	54864.625	4966658.33	0.2580	A	0.5
7	☐	100000.00	108443.26	9962366.17	0.5099	A	2.0
8	☐	500000.00	497638.44	37260683.06	2.3396	A	4.0

$$y = 4.7013\text{E-}006 * x + 2.4049\text{E-}005$$

$$R = 0.9998$$

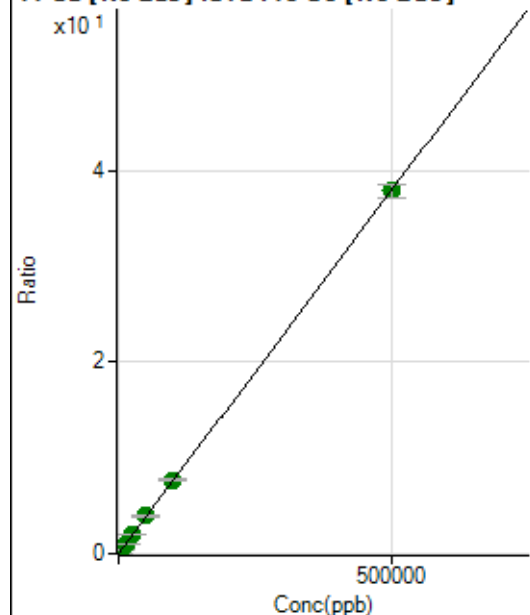
$$DL = 0.5617$$

$$BEC = 5.115$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9586.61	0.0005	P	3.8
2	☐	500.000	456.720	658947.02	0.0351	P	2.8
3	☐	5000.000	5246.937	7730277.80	0.3985	A	0.7
4	☐	12500.000	13058.234	19214279.58	0.9910	A	0.6
5	☐	25000.000	26028.080	37976589.16	1.9747	A	3.8
6	☐	50000.000	51792.015	75641576.65	3.9289	A	1.0
7	☐	100000.00	101730.48	150784334.42	7.7168	A	2.1
8	☐	500000.00	499406.91	603325586.56	37.8806	A	3.9

$$y = 7.5850\text{E-}005 * x + 5.0628\text{E-}004$$

$$R = 1.0000$$

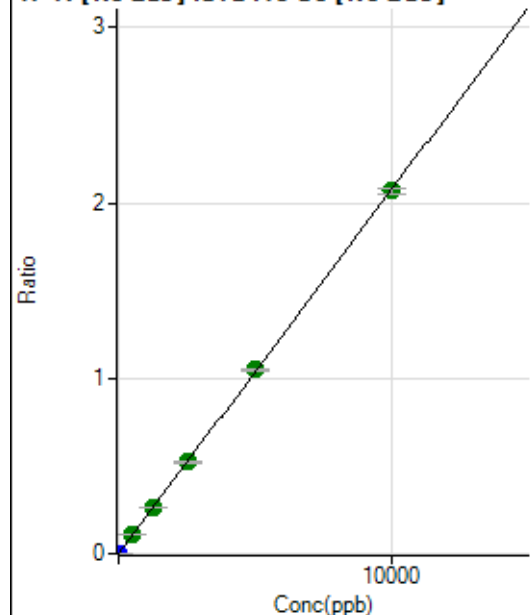
$$DL = 0.7698$$

$$BEC = 6.675$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183.34	0.0000	P	4.9
2	☐	5.000	4.664	18324.03	0.0010	P	2.0
3	☐	500.000	514.494	2070985.46	0.1068	A	1.6
4	☐	1250.000	1264.705	5088029.16	0.2624	A	1.2
5	☐	2500.000	2517.309	10045876.80	0.5223	A	3.1
6	☐	5000.000	5054.031	20188594.00	1.0486	A	1.4
7	☐	10000.000	9966.095	40404274.95	2.0678	A	1.9
8	☐			11923.93	0.0007	P	4.7

$$y = 2.0748\text{E-}004 * x + 9.6793\text{E-}006$$

$$R = 1.0000$$

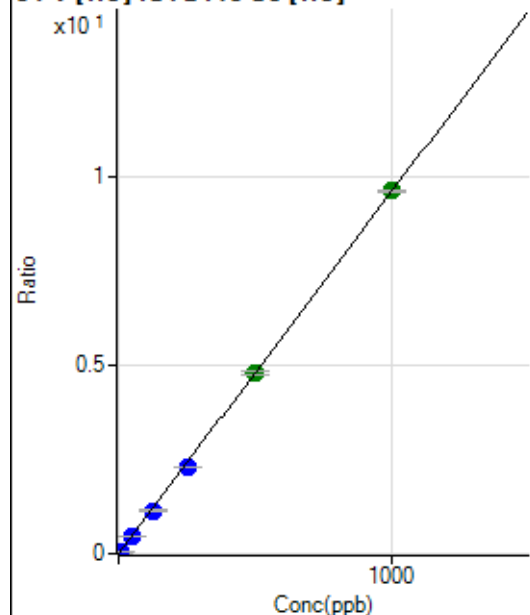
$$DL = 0.006796$$

$$BEC = 0.04665$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.56	0.0000	P	32.8
2	☐	5.000	4.771	22735.92	0.0458	P	2.3
3	☐	50.000	48.252	233794.89	0.4629	P	0.5
4	☐	125.000	119.405	578699.91	1.1455	P	0.4
5	☐	250.000	238.603	1151521.68	2.2889	P	1.1
6	☐	500.000	501.301	2406003.70	4.8090	A	2.2
7	☐	1000.000	1002.987	4878534.79	9.6216	A	0.5
8	☐			868.93	0.0018	P	3.2

$$y = 0.0096 * x + 3.1857\text{E-}005$$

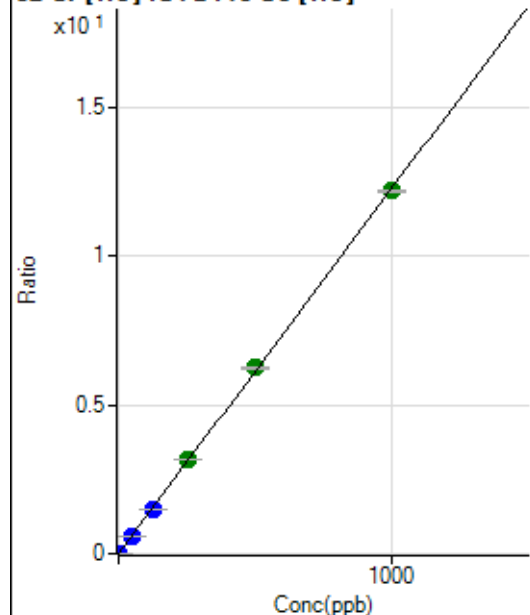
$$R = 0.9999$$

$$DL = 0.003267$$

$$BEC = 0.003321$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	901.15	0.0018	P	5.3
2	☐	2.000	1.954	12794.70	0.0258	P	1.0
3	☐	50.000	48.504	300870.45	0.5957	P	0.3
4	☐	125.000	120.006	743240.08	1.4712	P	0.7
5	☐	250.000	257.799	1588954.63	3.1583	A	0.2
6	☐	500.000	509.155	3120068.43	6.2358	A	1.0
7	☐	1000.000	994.172	6172783.59	12.1743	A	0.6
8	☐			19876.07	0.0414	P	2.0

$$y = 0.0122 * x + 0.0018$$

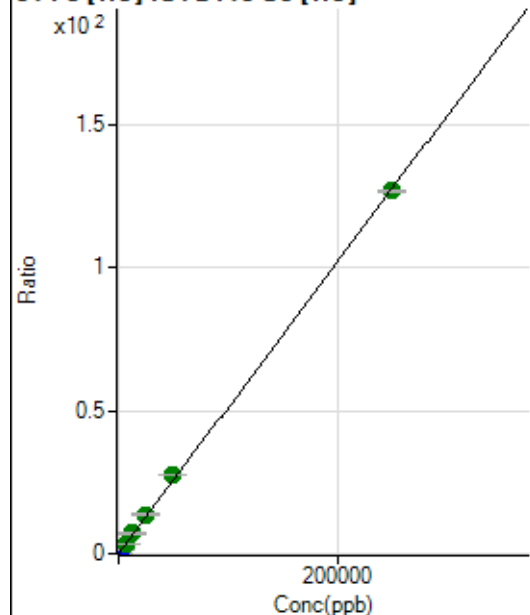
$$R = 0.9999$$

$$DL = 0.02394$$

$$BEC = 0.1507$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1432.31	0.0029	P	3.2
2	☐	50.000	52.439	14737.69	0.0297	P	1.1
3	☐	2500.000	2682.165	692572.22	1.3713	P	0.6
4	☐	6250.000	6997.133	1804871.62	3.5726	A	1.6
5	☐	12500.000	13881.106	3564069.64	7.0845	A	1.1
6	☐	25000.000	27045.632	6905069.34	13.8006	A	1.1
7	☐	50000.000	53600.539	13866386.88	27.3479	A	0.5
8	☐	250000.00	248985.77	60985297.42	127.0261	A	0.7

$$y = 5.1016E-004 * x + 0.0029$$

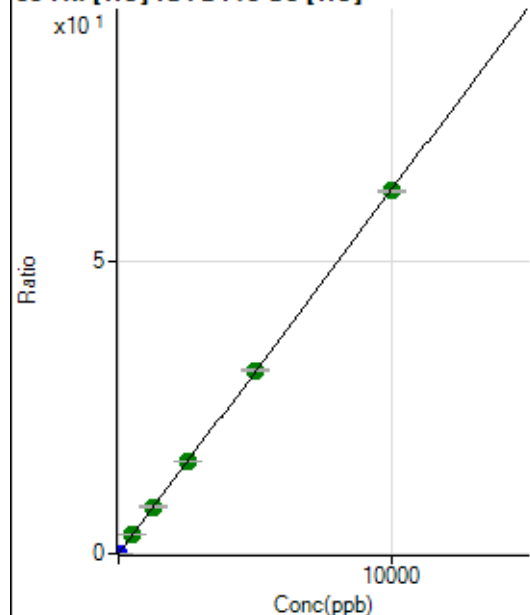
$$R = 0.9999$$

$$DL = 0.5571$$

$$BEC = 5.749$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	608.91	0.0012	P	10.3
2	☐	1.000	0.926	3487.12	0.0070	P	3.3
3	☐	500.000	515.647	1625055.43	3.2176	A	0.5
4	☐	1250.000	1287.844	4058848.62	8.0341	A	1.2
5	☐	2500.000	2517.832	7901886.20	15.7062	A	0.3
6	☐	5000.000	5040.397	15731603.79	31.4406	A	0.8
7	☐	10000.000	9969.830	31532137.31	62.1878	A	0.4
8	☐			13056.06	0.0272	P	2.3

$$y = 0.0062 * x + 0.0012$$

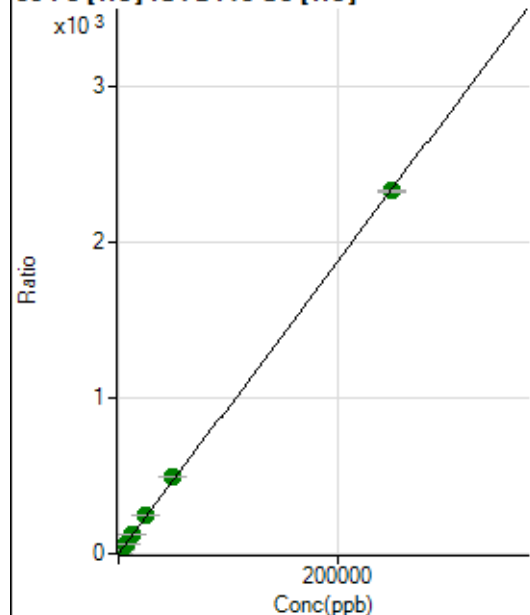
$$R = 1.0000$$

$$DL = 0.06192$$

$$BEC = 0.1999$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19485.60	0.0399	P	1.9
2	☐	50.000	51.134	257208.12	0.5181	P	1.7
3	☐	2500.000	2767.356	13091127.72	25.9203	A	0.8
4	☐	6250.000	6874.131	32497882.29	64.3269	A	1.3
5	☐	12500.000	13557.572	63806249.60	126.8306	A	1.1
6	☐	25000.000	26764.470	125257641.47	250.3418	A	0.9
7	☐	50000.000	52919.494	250958896.26	494.9441	A	0.3
8	☐	250000.00	249168.49	1118744783.3	2,330.268	A	0.7

$$y = 0.0094 * x + 0.0399$$

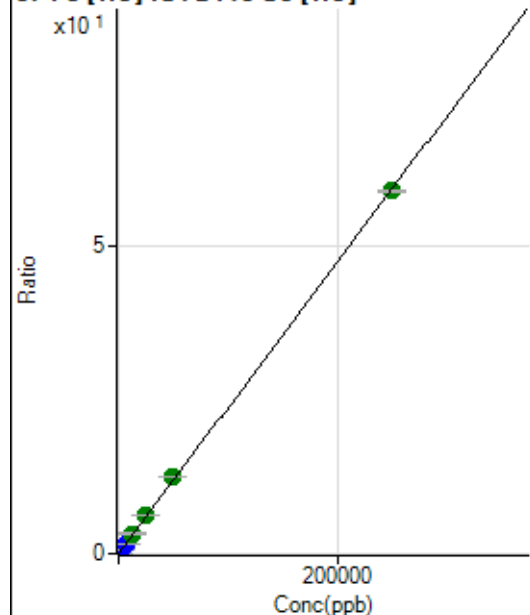
$$R = 0.9999$$

$$DL = 0.2389$$

$$BEC = 4.266$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	532.24	0.0011	P	10.3
2	☐	50.000	49.801	6383.70	0.0129	P	1.7
3	☐	2500.000	2657.647	317726.77	0.6291	P	0.5
4	☐	6250.000	6547.788	782217.18	1.5483	P	1.3
5	☐	12500.000	13830.673	1644698.59	3.2693	A	1.3
6	☐	25000.000	26868.827	3177398.28	6.3502	A	0.9
7	☐	50000.000	52908.134	6339825.18	12.5033	A	0.8
8	☐	250000.00	249155.93	28266768.75	58.8768	A	0.5

$$y = 2.3630E-004 * x + 0.0011$$

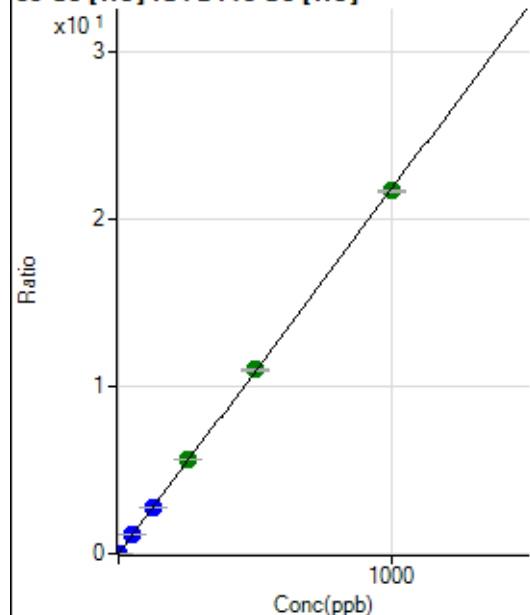
R = 0.9999

DL = 1.423

BEC = 4.612

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	151.11	0.0003	P	13.2
2	☐	1.000	1.060	11638.18	0.0234	P	0.5
3	☐	50.000	50.992	562004.65	1.1128	P	0.9
4	☐	125.000	125.234	1380453.68	2.7325	P	0.7
5	☐	250.000	259.505	2848377.07	5.6618	A	0.8
6	☐	500.000	505.402	5516924.16	11.0264	A	1.3
7	☐	1000.000	994.844	11005387.20	21.7043	A	0.6
8	☐			22477.81	0.0468	P	1.8

$$y = 0.0218 * x + 3.0939E-004$$

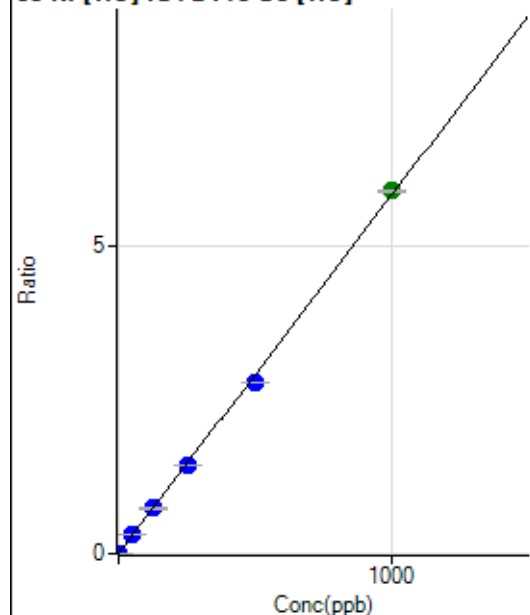
R = 0.9999

DL = 0.005628

BEC = 0.01418

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	353.34	0.0007	P	1.8
2	☐	1.000	1.024	3321.54	0.0067	P	6.5
3	☐	50.000	51.198	151093.58	0.2992	P	0.9
4	☐	125.000	126.159	371889.93	0.7361	P	0.3
5	☐	250.000	246.792	724087.47	1.4393	P	0.8
6	☐	500.000	476.938	1391403.75	2.7808	P	0.7
7	☐	1000.000	1012.128	2991834.19	5.9005	A	0.8
8	☐			12032.94	0.0251	P	1.0

$$y = 0.0058 * x + 7.2347E-004$$

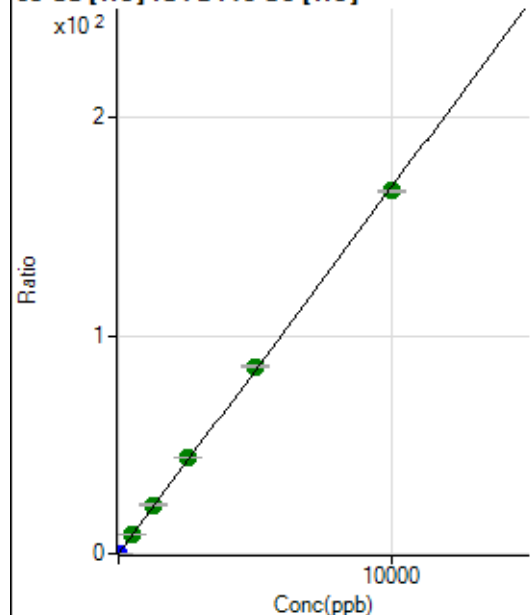
$$R = 0.9996$$

$$DL = 0.006573$$

$$BEC = 0.1241$$

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	3843.89	0.0079	P	1.8
2	☐	2.000	1.994	20549.42	0.0414	P	1.4
3	☐	500.000	544.961	4630862.05	9.1691	A	1.2
4	☐	1250.000	1333.921	11332677.89	22.4321	A	1.1
5	☐	2500.000	2628.590	22234679.11	44.1965	A	1.0
6	☐	5000.000	5110.487	42990626.58	85.9190	A	1.0
7	☐	10000.000	9899.871	84389776.52	166.4322	A	0.3
8	☐			21962.59	0.0458	P	2.3

$$y = 0.0168 * x + 0.0079$$

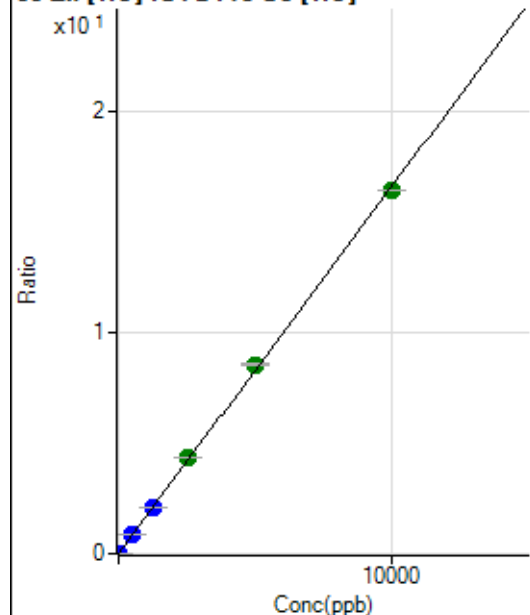
$$R = 0.9998$$

$$DL = 0.02496$$

$$BEC = 0.4682$$

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	1684.56	0.0034	P	4.3
2	☐	2.000	5.067	5889.06	0.0119	P	2.3
3	☐	500.000	513.116	432006.57	0.8554	P	0.2
4	☐	1250.000	1259.332	1058038.00	2.0943	P	0.4
5	☐	2500.000	2617.593	2188006.87	4.3494	A	1.7
6	☐	5000.000	5158.530	4286913.41	8.5680	A	1.2
7	☐	10000.000	9889.514	8327148.14	16.4227	A	0.1
8	☐			4839.77	0.0101	P	1.3

$$y = 0.0017 * x + 0.0034$$

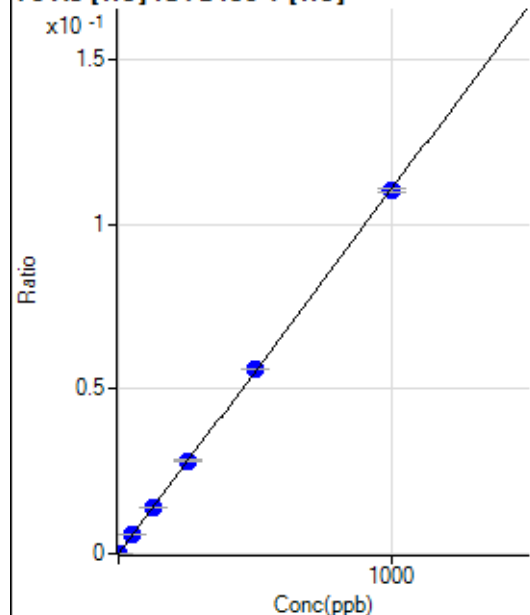
$$R = 0.9997$$

$$DL = 0.2692$$

$$BEC = 2.078$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	1.000	1.111	500.01	0.0001	P	4.9
3	☐	50.000	51.296	23780.13	0.0057	P	0.5
4	☐	125.000	127.618	58861.06	0.0141	P	0.9
5	☐	250.000	254.775	117378.45	0.0282	P	1.5
6	☐	500.000	506.508	232510.75	0.0561	P	0.0
7	☐	1000.000	995.160	459937.05	0.1103	P	1.2
8	☐			257.78	0.0001	P	1.8

$$y = 1.1082E-004 * x + 2.7539E-007$$

$$R = 1.0000$$

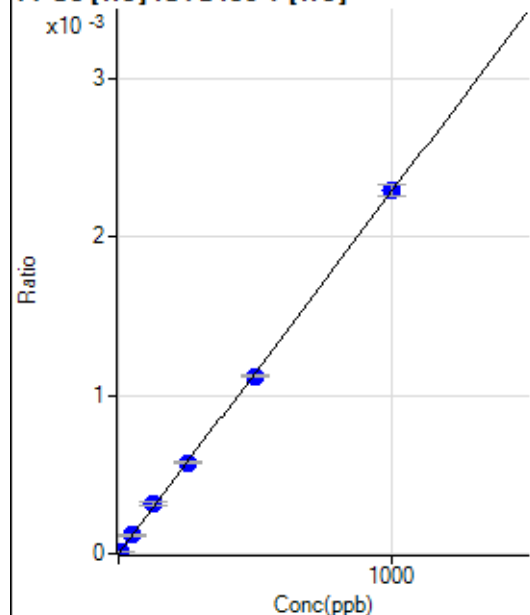
$$DL = 0.01291$$

$$BEC = 0.002485$$

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	5.270	48.89	0.0000	P	27.1
3	☐	50.000	51.112	488.90	0.0001	P	10.2
4	☐	125.000	136.764	1301.19	0.0003	P	6.2
5	☐	250.000	251.920	2394.67	0.0006	P	3.5
6	☐	500.000	491.064	4651.93	0.0011	P	1.8
7	☐	1000.000	1002.460	9561.10	0.0023	P	3.2
8	☐			2.22	0.0000	P	86.6

$$y = 2.2869\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

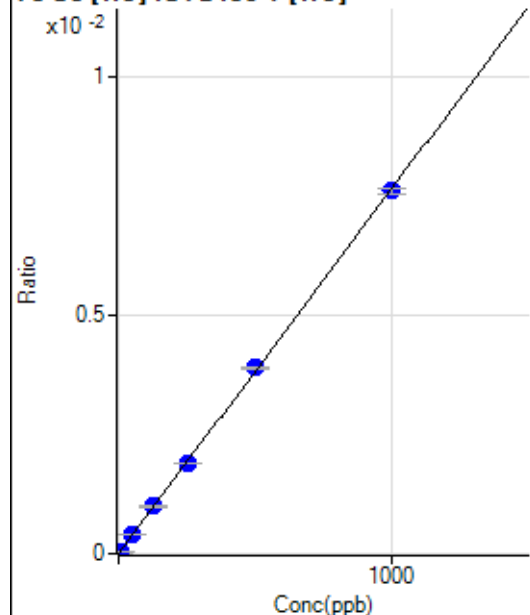
$$DL = 0$$

$$BEC = 0$$

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	11.11	0.0000	P	62.0
2	☐	5.000	5.746	188.89	0.0000	P	12.0
3	☐	50.000	52.012	1674.56	0.0004	P	3.6
4	☐	125.000	130.124	4150.65	0.0010	P	4.1
5	☐	250.000	247.653	7882.29	0.0019	P	0.9
6	☐	500.000	510.037	16159.36	0.0039	P	0.5
7	☐	1000.000	994.823	31722.47	0.0076	P	1.5
8	☐			25.56	0.0000	P	18.9

$$y = 7.6435\text{E-}006 * x + 2.7347\text{E-}006$$

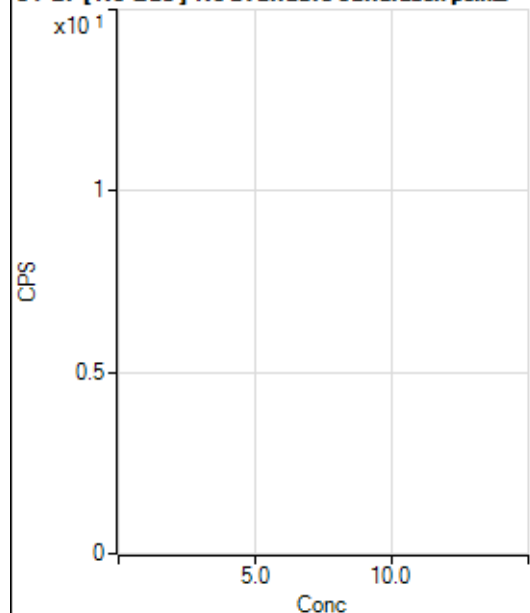
$$R = 0.9999$$

$$DL = 0.6657$$

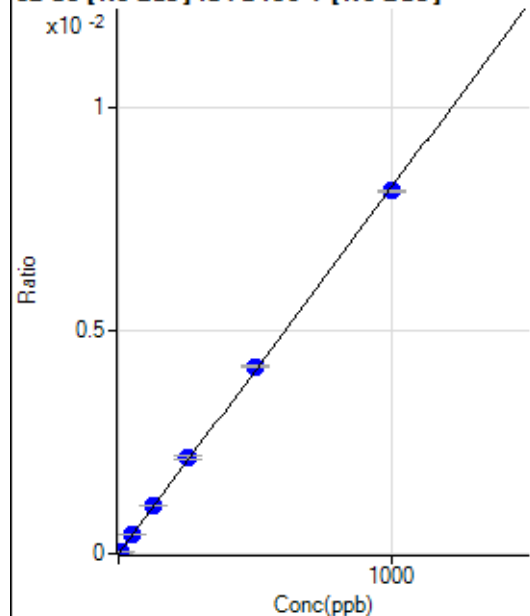
$$BEC = 0.3578$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			18692.58		P	1.5
2	☐			18565.72		P	0.6
3	☐			18209.77		P	0.6
4	☐			18841.69		P	1.5
5	☐			18880.62		P	0.7
6	☐			19093.14		P	1.0
7	☐			18856.12		P	1.6
8	☐			16548.79		P	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	502.
2	☐	5.000	5.445	1962.41	0.0000	P	5.2
3	☐	50.000	52.395	19204.69	0.0004	P	0.8
4	☐	125.000	130.399	48070.56	0.0011	P	1.2
5	☐	250.000	260.849	95336.30	0.0021	P	3.5
6	☐	500.000	511.769	187847.00	0.0042	P	1.5
7	☐	1000.000	990.606	367147.58	0.0081	P	0.9
8	☐			48.89	0.0000	P	156.

$$y = 8.1971\text{E-}006 * x + 2.0553\text{E-}007$$

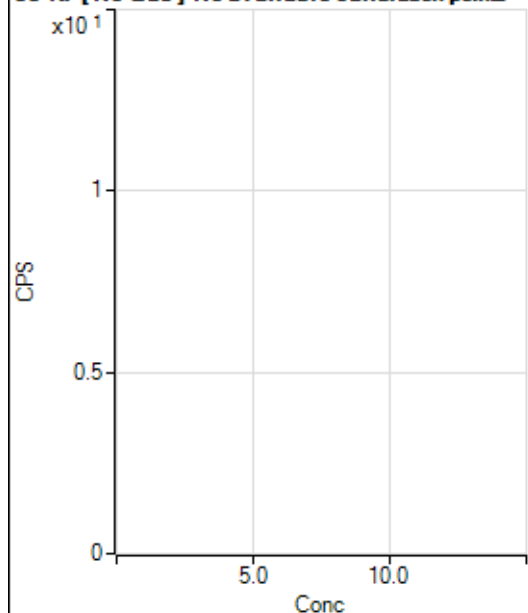
$$R = 0.9998$$

$$DL = 0.3781$$

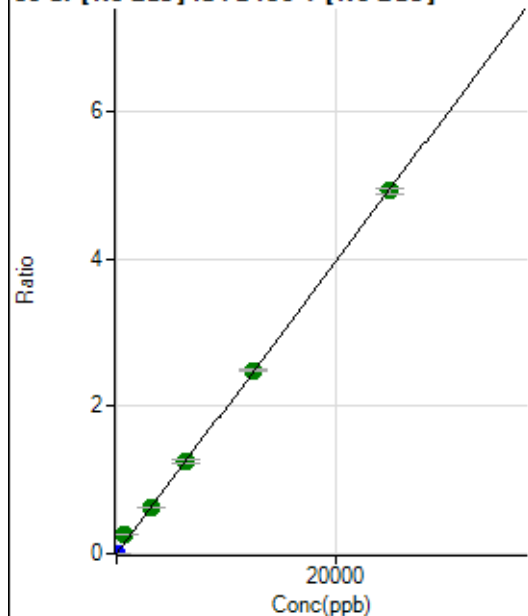
$$BEC = 0.02507$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			172.22		P	13.6
2	☐			172.23		P	3.0
3	☐			217.78		P	7.6
4	☐			235.56		P	28.6
5	☐			260.00		P	16.1
6	☐			271.12		P	7.4
7	☐			321.12		P	9.6
8	☐			410.01		P	1.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	346.67	0.0000	P	10.3
2	☐	1.000	0.973	8757.26	0.0002	P	1.8
3	☐	625.000	1265.127	11161963.31	0.2497	A	0.9
4	☐	3125.000	3165.483	28095846.52	0.6249	A	1.2
5	☐	6250.000	6310.920	55528365.84	1.2457	A	4.3
6	☐	12500.000	12577.607	111162266.12	2.4828	A	1.3
7	☐	25000.000	24924.903	222453263.35	4.9201	A	1.6
8	☐			25995.88	0.0007	P	10.6

$$y = 1.9739E-004 * x + 7.9495E-006$$

$$R = 0.9997$$

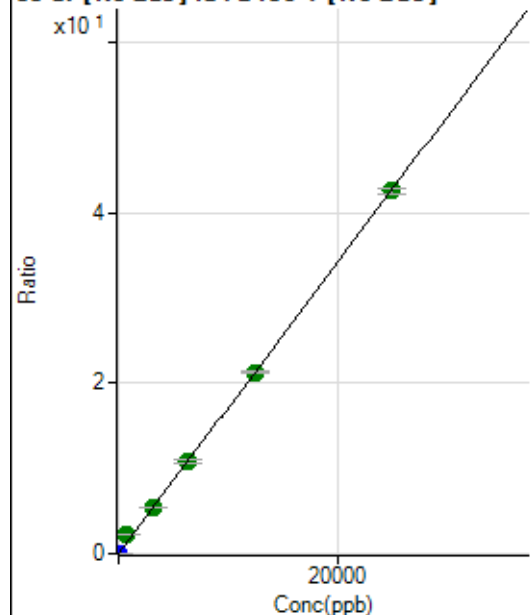
$$DL = 0.01248$$

$$BEC = 0.04027$$

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	671.13	0.0000	P	15.2
2	☐	1.000	0.964	72717.85	0.0017	P	2.2
3	☐	625.000	1281.654	97830809.65	2.1889	A	0.7
4	☐	3125.000	3170.213	243447594.15	5.4143	A	0.8
5	☐	6250.000	6332.839	482223250.59	10.8155	A	3.1
6	☐	12500.000	12495.508	955492039.10	21.3404	A	1.5
7	☐	25000.000	24959.468	1927321500.1	42.6270	A	1.7
8	☐			226444.14	0.0062	P	10.9

$$y = 0.0017 * x + 1.5401E-005$$

$$R = 0.9997$$

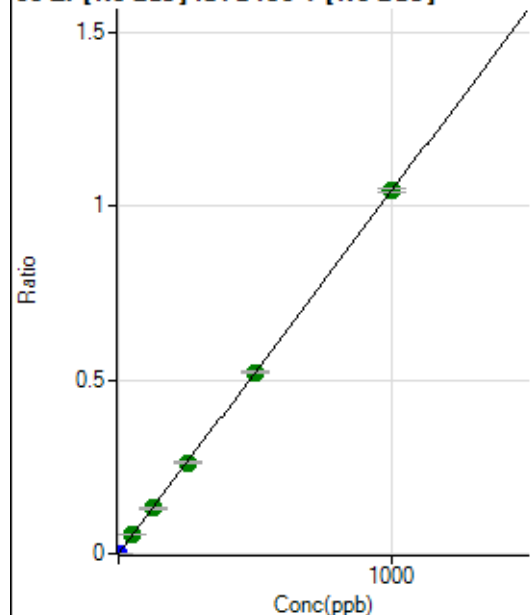
$$DL = 0.004102$$

$$BEC = 0.009018$$

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	2301.32	0.0001	P	1.6
2	☐	1.000	0.924	44502.98	0.0010	P	3.2
3	☐	50.000	50.745	2367782.24	0.0530	A	1.1
4	☐	125.000	125.067	5867290.95	0.1305	A	1.6
5	☐	250.000	251.280	11689061.49	0.2621	A	2.5
6	☐	500.000	499.217	23315337.16	0.5207	A	1.0
7	☐	1000.000	1000.026	47159014.85	1.0430	A	1.2
8	☐			22665.19	0.0006	P	7.2

$$y = 0.0010 * x + 5.2801E-005$$

$$R = 1.0000$$

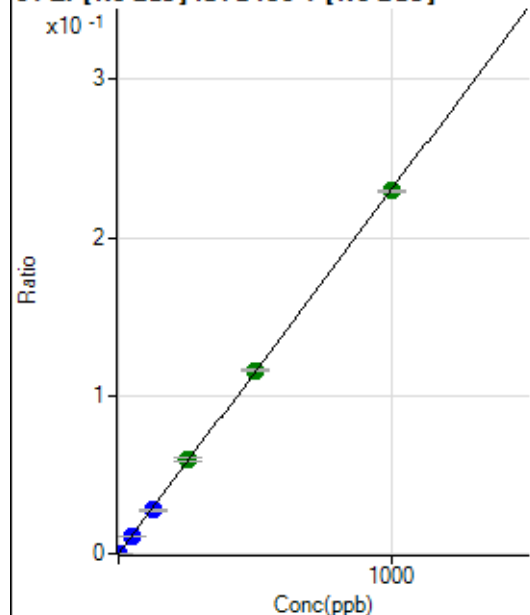
$$DL = 0.002463$$

$$BEC = 0.05063$$

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	302.23	0.0000	P	17.9
2	☐	1.000	0.925	9630.08	0.0002	P	1.0
3	☐	50.000	48.088	495488.44	0.0111	P	0.5
4	☐	125.000	119.267	1235773.44	0.0275	P	2.1
5	☐	250.000	258.531	2656513.59	0.0596	A	2.3
6	☐	500.000	504.286	5202570.48	0.1162	A	0.9
7	☐	1000.000	996.537	10381034.36	0.2296	A	0.5
8	☐			5050.97	0.0001	P	6.4

$$y = 2.3039\text{E-}004 * x + 6.9311\text{E-}006$$

$$R = 0.9999$$

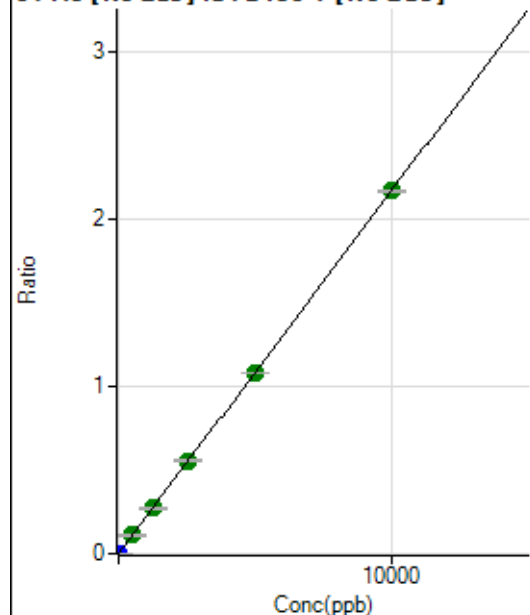
$$DL = 0.01618$$

$$BEC = 0.03008$$

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	600.02	0.0000	P	5.2
2	☐	5.000	5.343	51404.49	0.0012	P	1.1
3	☐	500.000	506.465	4918159.61	0.1100	A	1.5
4	☐	1250.000	1250.134	12211264.96	0.2716	A	2.4
5	☐	2500.000	2551.153	24716379.08	0.5542	A	2.1
6	☐	5000.000	4980.026	48443263.17	1.0819	A	0.3
7	☐	10000.000	9996.858	98191736.32	2.1717	A	0.8
8	☐			21795.15	0.0006	P	11.9

$$y = 2.1724\text{E-}004 * x + 1.3768\text{E-}005$$

$$R = 1.0000$$

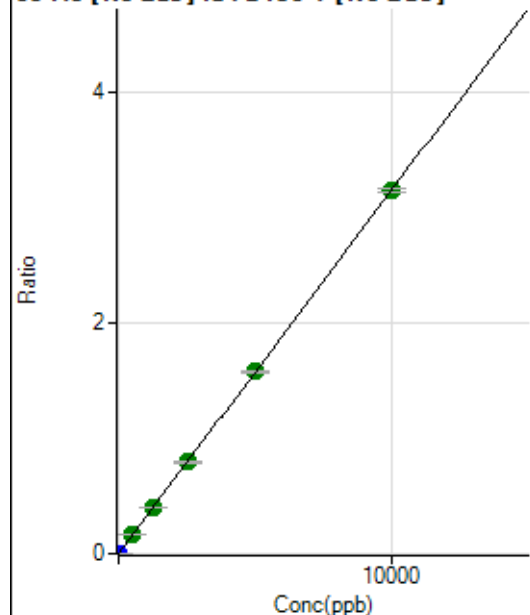
$$DL = 0.009797$$

$$BEC = 0.06338$$

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	126.67	0.0000	P	14.8
2	☐	5.000	4.454	61618.98	0.0014	P	1.8
3	☐	500.000	505.456	7126791.70	0.1595	A	0.9
4	☐	1250.000	1263.057	17915817.09	0.3985	A	1.7
5	☐	2500.000	2534.948	35664484.75	0.7997	A	2.0
6	☐	5000.000	5011.800	70797606.17	1.5811	A	1.2
7	☐	10000.000	9983.458	142397491.21	3.1494	A	1.0
8	☐			24024.67	0.0007	P	6.6

$$y = 3.1547\text{E-}004 * x + 2.9097\text{E-}006$$

$$R = 1.0000$$

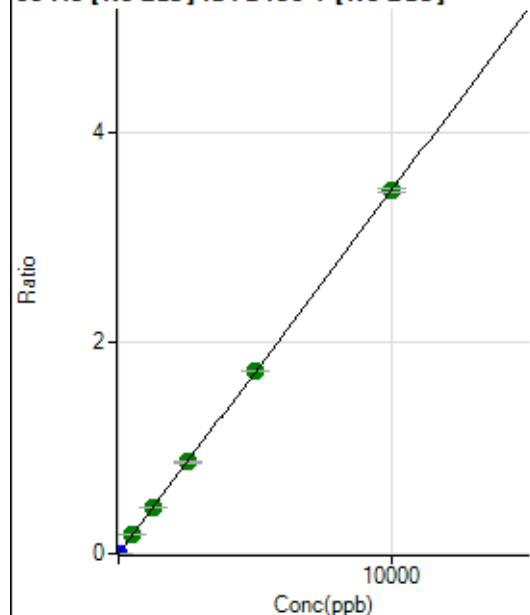
$$DL = 0.004097$$

$$BEC = 0.009223$$

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	290.01	0.0000	P	7.3
2	☐	5.000	4.495	68122.45	0.0016	P	0.7
3	☐	500.000	507.357	7817534.33	0.1749	A	0.4
4	☐	1250.000	1260.522	19539084.99	0.4346	A	1.4
5	☐	2500.000	2524.470	38806665.53	0.8703	A	2.7
6	☐	5000.000	5013.044	77384466.07	1.7282	A	0.2
7	☐	10000.000	9985.678	155644641.02	3.4424	A	0.9
8	☐			32061.99	0.0009	P	5.7

$$y = 3.4474\text{E-}004 * x + 6.6515\text{E-}006$$

$$R = 1.0000$$

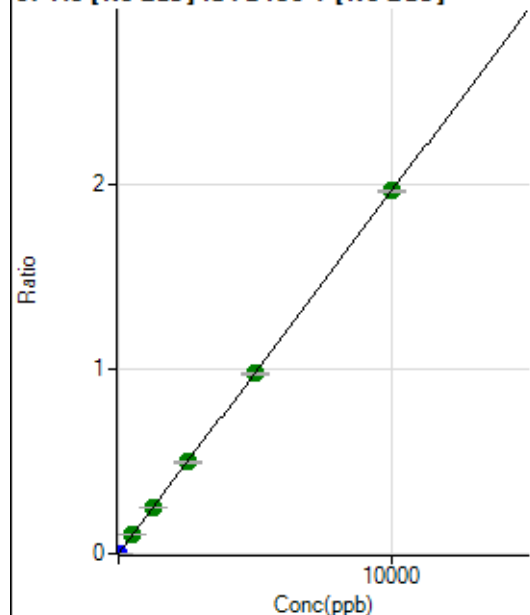
$$DL = 0.004223$$

$$BEC = 0.01929$$

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	74.45	0.0000	P	20.2
2	☐	5.000	4.461	38443.07	0.0009	P	2.6
3	☐	500.000	504.701	4433574.62	0.0992	A	0.3
4	☐	1250.000	1254.554	11086992.06	0.2466	A	1.3
5	☐	2500.000	2519.138	22079544.11	0.4951	A	2.3
6	☐	5000.000	4979.471	43823423.79	0.9787	A	0.9
7	☐	10000.000	10004.676	88905648.68	1.9664	A	0.6
8	☐			13470.11	0.0004	P	10.4

$$y = 1.9654\text{E-}004 * x + 1.7058\text{E-}006$$

$$R = 1.0000$$

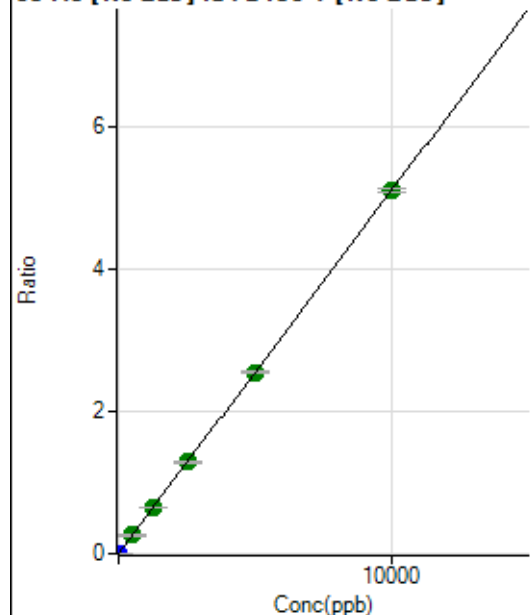
$$DL = 0.005256$$

$$BEC = 0.008679$$

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	235.56	0.0000	P	14.9
2	☐	5.000	4.452	99615.05	0.0023	P	2.3
3	☐	500.000	503.689	11480726.22	0.2569	A	0.7
4	☐	1250.000	1260.546	28904706.23	0.6428	A	1.2
5	☐	2500.000	2527.475	57478833.59	1.2889	A	2.4
6	☐	5000.000	4999.449	114163117.19	2.5496	A	0.3
7	☐	10000.000	9991.904	230388189.90	5.0956	A	1.1
8	☐			34056.23	0.0009	P	8.4

$$y = 5.0997\text{E-}004 * x + 5.4035\text{E-}006$$

$$R = 1.0000$$

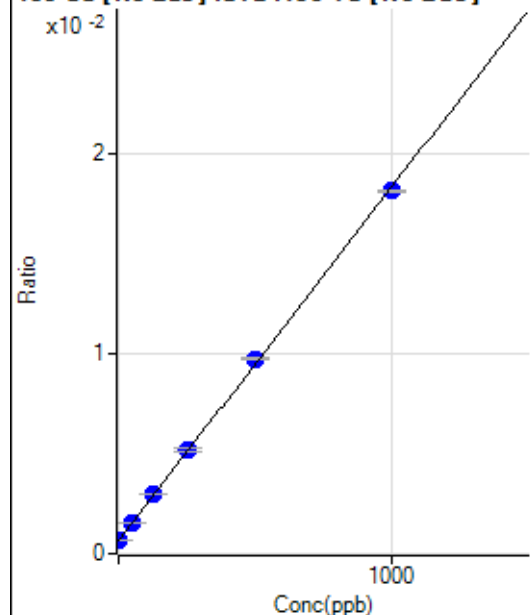
$$DL = 0.004742$$

$$BEC = 0.0106$$

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	27026.59	0.0006	P	2.3
2	☐	1.000	-0.005	27107.81	0.0006	P	0.6
3	☐	50.000	51.775	67390.03	0.0016	P	1.4
4	☐	125.000	130.567	127546.33	0.0030	P	0.3
5	☐	250.000	257.252	224815.87	0.0052	P	2.1
6	☐	500.000	515.295	414902.90	0.0098	P	1.3
7	☐	1000.000	989.756	783237.69	0.0182	P	0.4
8	☐			22585.33	0.0006	P	1.1

$$y = 1.7684\text{E-}005 * x + 6.4767\text{E-}004$$

$$R = 0.9998$$

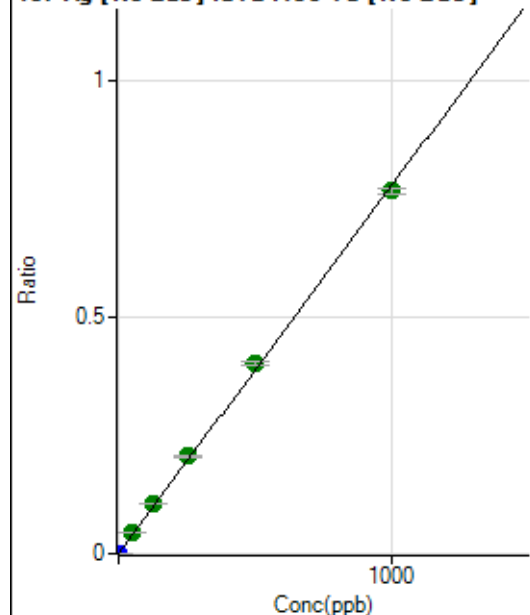
$$DL = 2.521$$

$$BEC = 36.63$$

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	363.48	0.0000	P	3.5
2	☐	1.000	1.003	33073.00	0.0008	P	2.7
3	☐	50.000	55.451	1862722.89	0.0432	A	0.5
4	☐	125.000	134.965	4536556.43	0.1052	A	0.6
5	☐	250.000	265.391	8944385.01	0.2068	A	2.4
6	☐	500.000	516.725	17113303.43	0.4026	A	1.7
7	☐	1000.000	986.272	33159082.14	0.7684	A	1.3
8	☐			2830.13	0.0001	P	16.3

$$y = 7.7909\text{E-}004 * x + 8.7117\text{E-}006$$

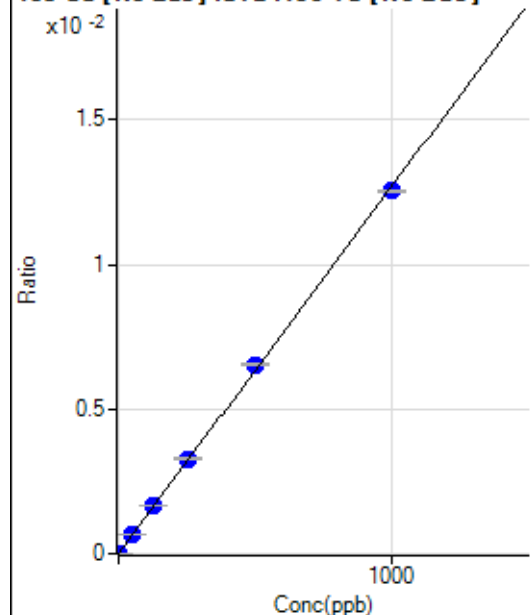
$$R = 0.9996$$

$$DL = 0.001162$$

$$BEC = 0.01118$$

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	61.11	0.0000	P	6.3
2	☐	1.000	1.053	620.02	0.0000	P	5.6
3	☐	50.000	53.090	29091.83	0.0007	P	1.9
4	☐	125.000	132.627	72634.27	0.0017	P	0.7
5	☐	250.000	259.152	142237.57	0.0033	P	3.0
6	☐	500.000	515.607	278076.70	0.0065	P	0.6
7	☐	1000.000	988.801	541282.19	0.0125	P	0.6
8	☐			337.78	0.0000	P	9.4

$$y = 1.2684\text{E-}005 * x + 1.4645\text{E-}006$$

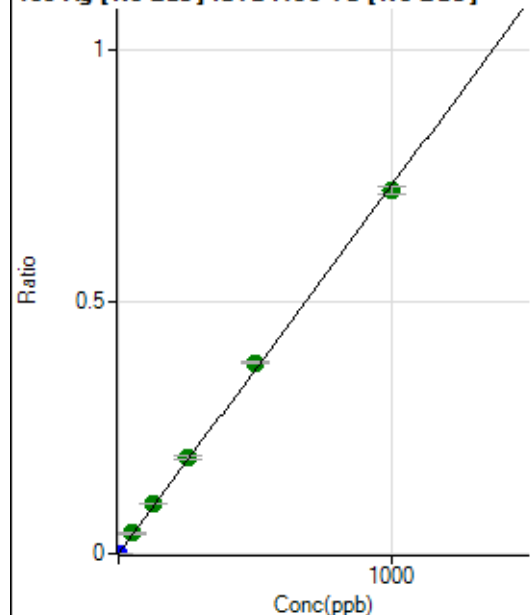
$$R = 0.9998$$

$$DL = 0.02188$$

$$BEC = 0.1155$$

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	75.56	0.0000	P	17.7
2	☐	1.000	1.036	31757.70	0.0008	P	4.5
3	☐	50.000	55.170	1738338.64	0.0403	A	1.4
4	☐	125.000	136.397	4300632.06	0.0997	A	0.7
5	☐	250.000	262.598	8300362.38	0.1919	A	3.7
6	☐	500.000	518.777	16117898.65	0.3792	A	0.9
7	☐	1000.000	985.779	31091266.76	0.7205	A	2.3
8	☐			2301.35	0.0001	P	12.0

$$y = 7.3087\text{E-}004 * x + 1.8092\text{E-}006$$

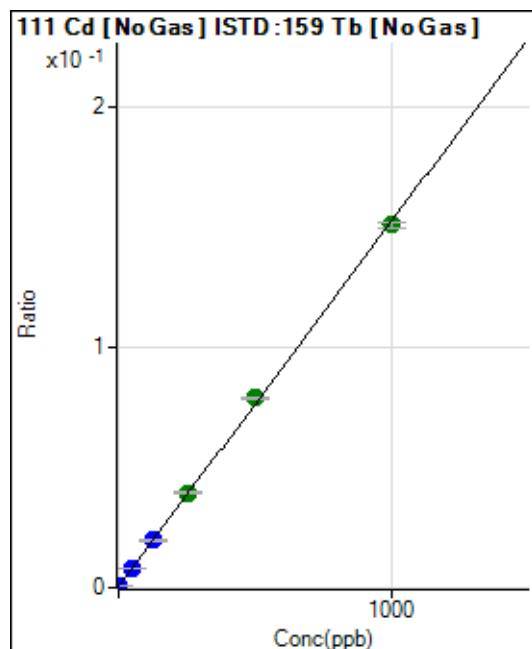
$$R = 0.9996$$

$$DL = 0.001318$$

$$BEC = 0.002475$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18891.39	0.0005	P	2.3
2	☐	1.000	0.965	25077.50	0.0006	P	1.8
3	☐	50.000	50.250	348344.10	0.0081	P	0.9
4	☐	125.000	126.012	844715.19	0.0196	P	0.6
5	☐	250.000	255.629	1698199.75	0.0393	A	2.2
6	☐	500.000	516.334	3351095.38	0.0788	A	0.4
7	☐	1000.000	990.287	6506384.04	0.1508	A	1.8
8	☐			16591.11	0.0005	P	0.5

$$y = 1.5180\text{E-}004 * x + 4.5272\text{E-}004$$

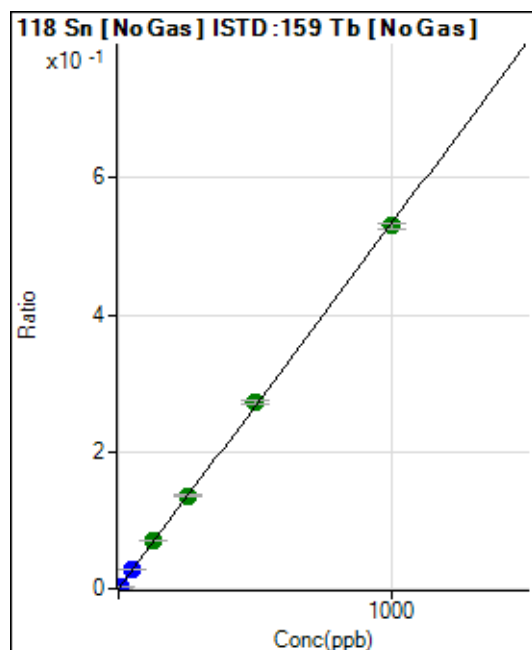
$$R = 0.9998$$

$$DL = 0.2101$$

$$BEC = 2.982$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2515.82	0.0001	P	6.7
2	☐	5.000	4.931	112603.31	0.0027	P	2.2
3	☐	50.000	50.216	1157254.35	0.0268	P	1.0
4	☐	125.000	130.434	3003883.43	0.0696	A	0.3
5	☐	250.000	254.081	5864547.48	0.1356	A	2.8
6	☐	500.000	510.014	11566514.00	0.2721	A	2.0
7	☐	1000.000	993.283	22865129.10	0.5299	A	1.4
8	☐			22840.20	0.0007	P	5.1

$$y = 5.3338\text{E-}004 * x + 6.0280\text{E-}005$$

$$R = 0.9999$$

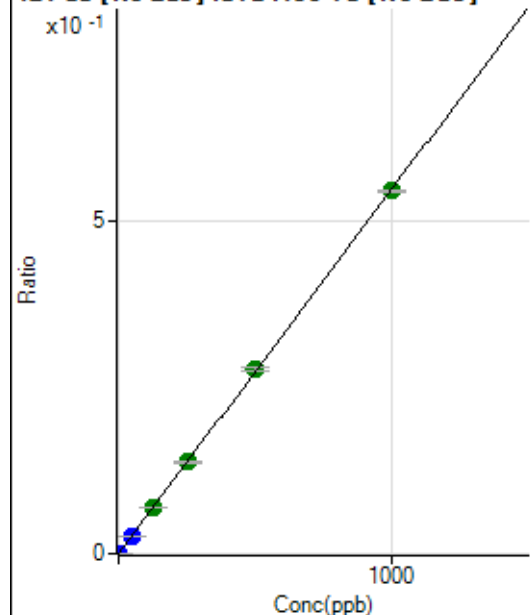
$$DL = 0.02276$$

$$BEC = 0.113$$

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	101.11	0.0000	P	28.2
2	☐	2.000	1.980	45334.92	0.0011	P	1.5
3	☐	50.000	48.792	1147993.10	0.0266	P	0.8
4	☐	125.000	127.686	3006216.52	0.0697	A	0.4
5	☐	250.000	251.853	5946599.98	0.1374	A	1.5
6	☐	500.000	505.795	11733658.44	0.2760	A	1.8
7	☐	1000.000	996.364	23464822.98	0.5438	A	0.8
8	☐			12523.68	0.0004	P	11.2

$$y = 5.4574\text{E-}004 * x + 2.4208\text{E-}006$$

$$R = 1.0000$$

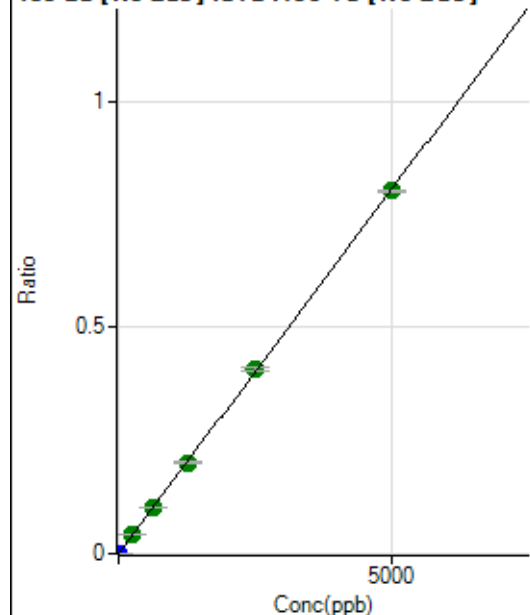
$$DL = 0.003755$$

$$BEC = 0.004436$$

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	208.89	0.0000	P	26.7
2	☐	10.000	9.598	64814.09	0.0015	P	2.4
3	☐	250.000	257.153	1783167.54	0.0414	A	1.7
4	☐	625.000	640.852	4446721.98	0.1031	A	0.4
5	☐	1250.000	1252.464	8712095.50	0.2014	A	3.7
6	☐	2500.000	2528.716	17289602.24	0.4067	A	1.8
7	☐	5000.000	4982.688	34583035.04	0.8014	A	0.4
8	☐			11189.19	0.0003	P	6.7

$$y = 1.6084\text{E-}004 * x + 5.0089\text{E-}006$$

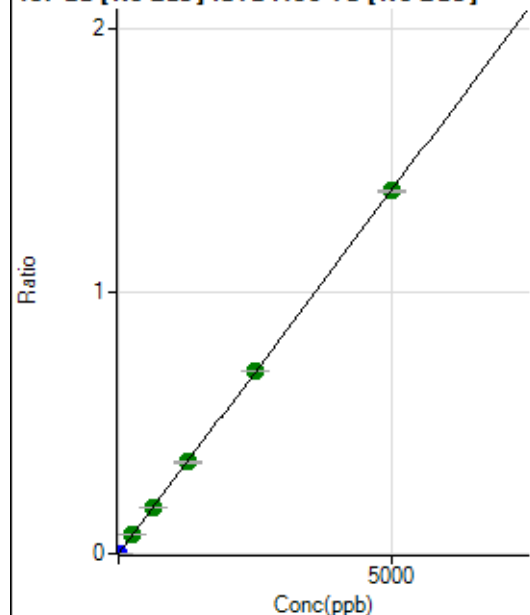
$$R = 1.0000$$

$$DL = 0.02491$$

$$BEC = 0.03114$$

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	296.67	0.0000	P	7.0
2	☐	10.000	9.635	111978.46	0.0027	P	2.2
3	☐	250.000	256.371	3061288.29	0.0710	A	0.9
4	☐	625.000	630.917	7538675.16	0.1747	A	0.4
5	☐	1250.000	1257.877	15071482.69	0.3484	A	2.2
6	☐	2500.000	2510.752	29561368.17	0.6954	A	0.7
7	☐	5000.000	4991.597	59659771.34	1.3825	A	0.8
8	☐			19583.23	0.0006	P	6.4

$$y = 2.7697E-004 * x + 7.1118E-006$$

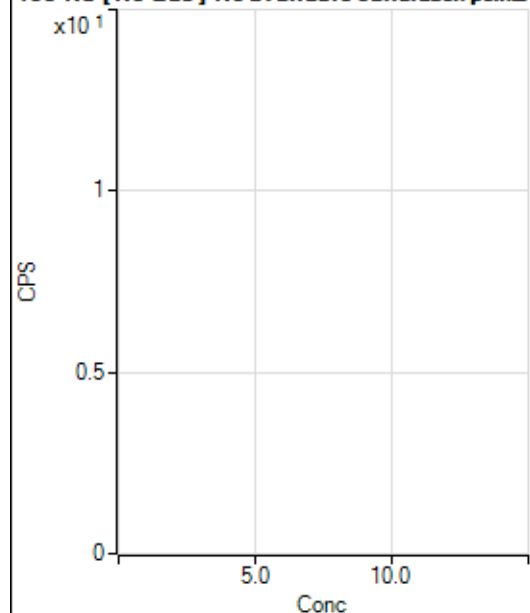
$$R = 1.0000$$

$$DL = 0.005356$$

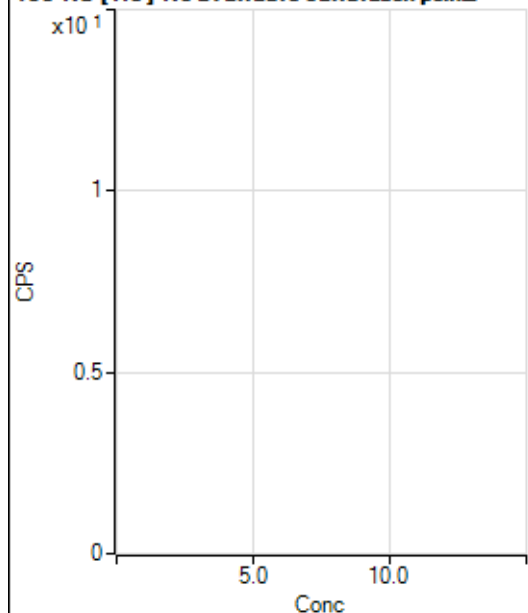
$$BEC = 0.02568$$

Weight: <None>

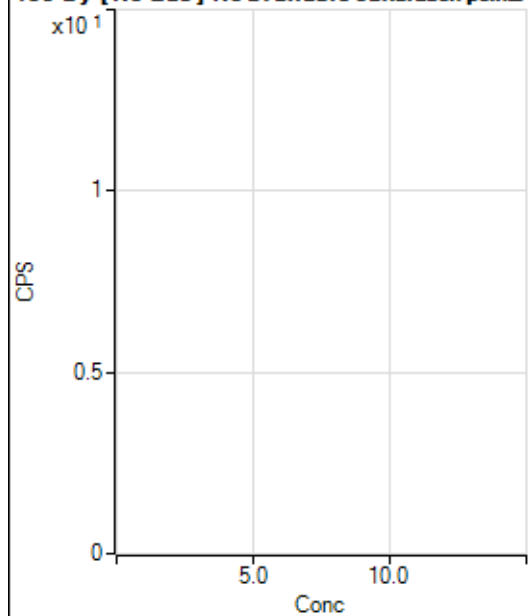
Min Conc: 0

150 Nd [No Gas] No available calibration points

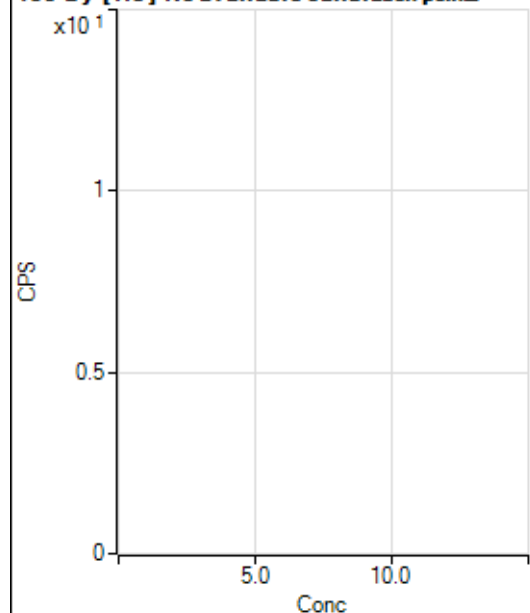
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			24.44		P	7.9
2	☐			37.78		P	36.7
3	☐			327.78		P	19.8
4	☐			724.47		P	3.6
5	☐			1382.31		P	5.2
6	☐			2756.98		P	5.1
7	☐			5446.72		P	2.1
8	☐			523.35		P	4.5

150 Nd [He] No available calibration points

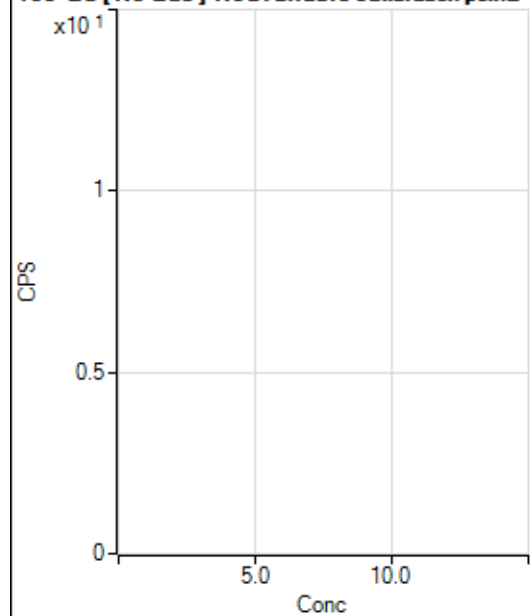
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐			8.89		P	21.6
3	☐			8.89		P	57.3
4	☐			30.00		P	40.1
5	☐			72.22		P	14.1
6	☐			112.22		P	17.9
7	☐			254.45		P	4.0
8	☐			175.56		P	5.5

156 Dy [No Gas] No available calibration points

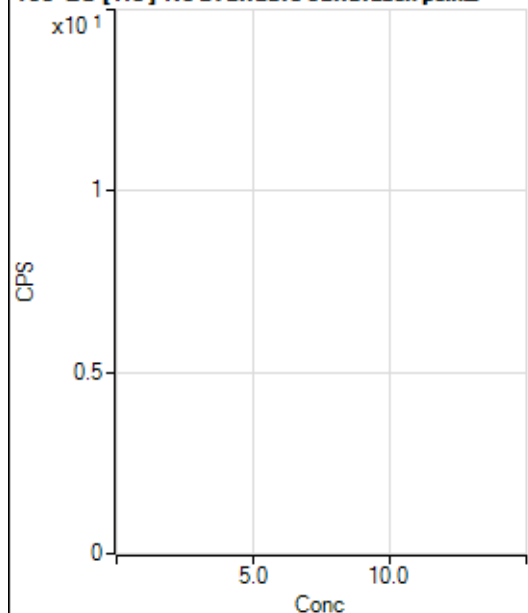
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			993.38		P	6.8
2	☐			880.04		P	3.4
3	☐			893.37		P	3.6
4	☐			1063.39		P	9.2
5	☐			1320.08		P	3.7
6	☐			1410.09		P	6.9
7	☐			1783.47		P	4.9
8	☐			2513.60		P	3.9

156 Dy [He] No available calibration points

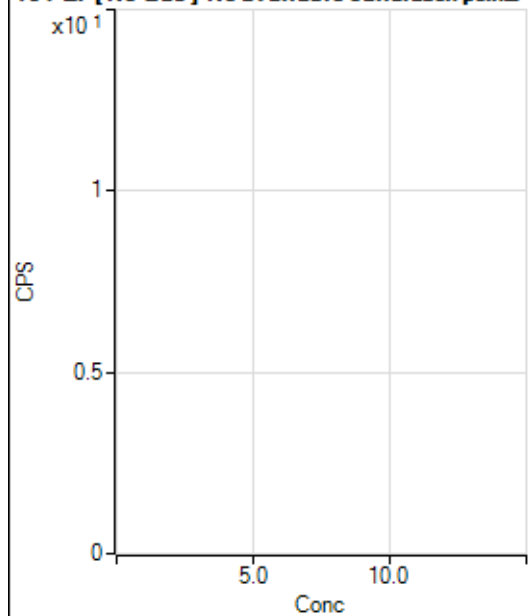
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	30.8
2	☐			61.11		P	3.1
3	☐			75.56		P	28.7
4	☐			117.78		P	9.9
5	☐			176.67		P	15.1
6	☐			307.79		P	6.3
7	☐			516.68		P	7.8
8	☐			471.12		P	14.9

160 Gd [No Gas] Noavailable calibration poin_

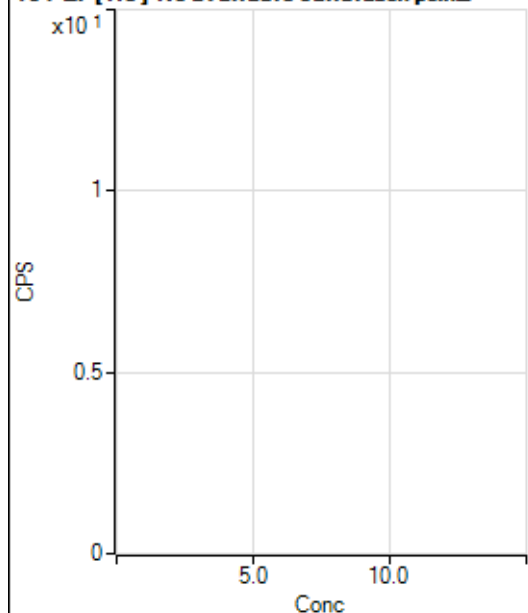
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			593.35		P	3.7
2	☐			591.13		P	8.5
3	☐			612.24		P	9.6
4	☐			625.58		P	3.5
5	☐			642.25		P	10.5
6	☐			706.69		P	12.3
7	☐			802.26		P	1.7
8	☐			1290.08		P	4.8

160 Gd [He] No available calibration points

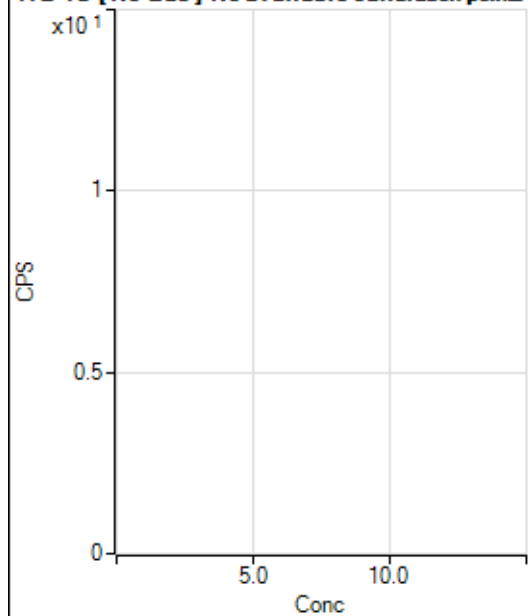
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			675.58		P	5.1
2	☐			658.91		P	4.6
3	☐			647.80		P	4.9
4	☐			701.14		P	5.4
5	☐			706.69		P	7.3
6	☐			765.59		P	6.7
7	☐			791.14		P	4.2
8	☐			1088.95		P	2.8

164 Er [No Gas] No available calibration points

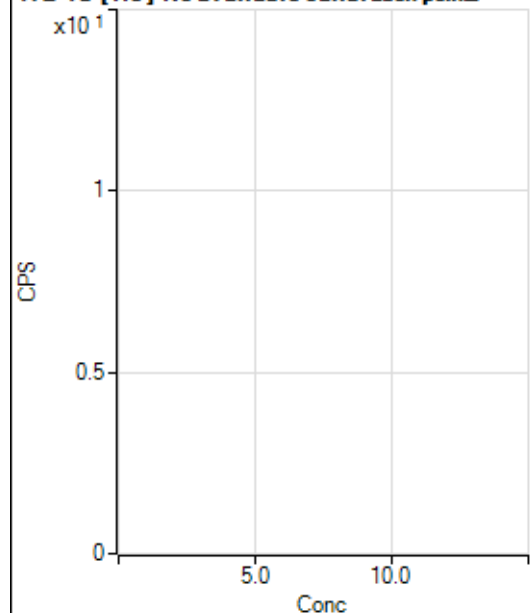
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			285.56		P	14.8
2	☐			322.23		P	10.8
3	☐			312.23		P	5.0
4	☐			341.12		P	15.9
5	☐			368.90		P	15.6
6	☐			423.35		P	13.2
7	☐			608.91		P	4.4
8	☐			1003.38		P	2.8

164 Er [He] No available calibration points

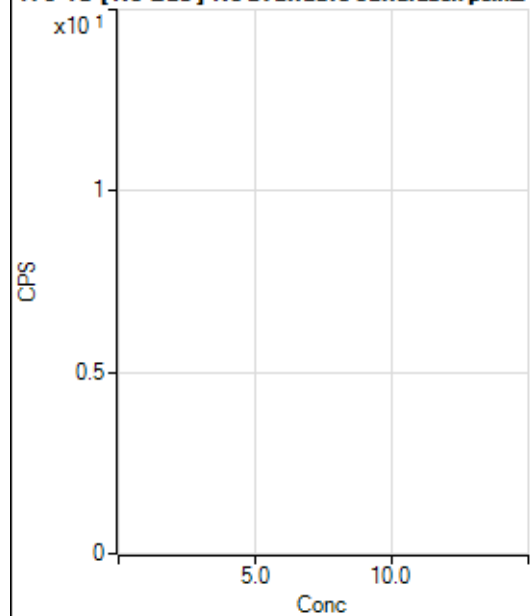
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			111.11		P	20.4
2	☐			102.22		P	21.0
3	☐			121.11		P	23.4
4	☐			114.45		P	10.2
5	☐			142.22		P	28.0
6	☐			145.56		P	3.5
7	☐			196.67		P	16.7
8	☐			410.01		P	3.5

172 Yb [No Gas] No available calibration points

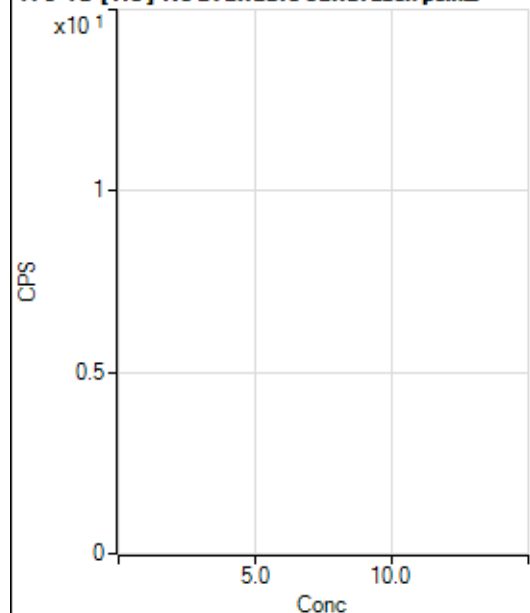
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			284.45		P	9.5
2	☐			270.01		P	3.7
3	☐			281.12		P	13.5
4	☐			334.45		P	3.5
5	☐			357.79		P	11.2
6	☐			440.01		P	5.0
7	☐			564.46		P	12.1
8	☐			1404.54		P	2.0

172 Yb [He] No available calibration points

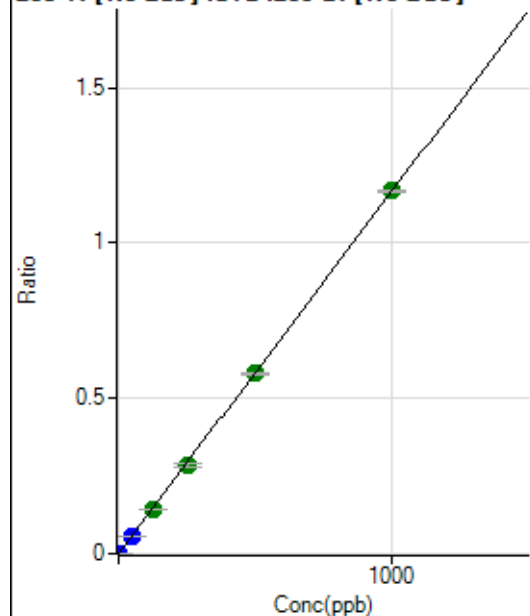
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			134.45		P	10.3
2	☐			128.89		P	17.2
3	☐			126.67		P	7.0
4	☐			138.89		P	13.2
5	☐			146.67		P	6.8
6	☐			206.67		P	9.7
7	☐			241.11		P	4.2
8	☐			671.14		P	2.3

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11128.14		P	4.2
2	☐			10985.77		P	1.4
3	☐			17828.78		P	2.0
4	☐			27723.59		P	1.6
5	☐			44184.81		P	2.1
6	☐			77108.75		P	0.8
7	☐			142566.78		P	1.2
8	☐			9705.89		P	3.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			55999.24		P	1.5
2	☐			56027.04		P	0.3
3	☐			59175.14		P	1.4
4	☐			62579.46		P	1.8
5	☐			69251.45		P	1.4
6	☐			80997.42		P	1.6
7	☐			106824.24		P	0.9
8	☐			52414.64		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	451.13	0.0000	P	9.3
2	☐	1.000	0.923	28848.67	0.0011	P	2.1
3	☐	50.000	47.507	1490066.28	0.0554	P	0.7
4	☐	125.000	123.800	3844977.58	0.1442	A	1.6
5	☐	250.000	244.715	7436959.13	0.2851	A	3.3
6	☐	500.000	498.305	14715387.83	0.5804	A	1.3
7	☐	1000.000	1002.444	28804504.29	1.1676	A	0.4
8	☐			4112.93	0.0002	P	11.8

$$y = 0.0012 * x + 1.6838E-005$$

$$R = 1.0000$$

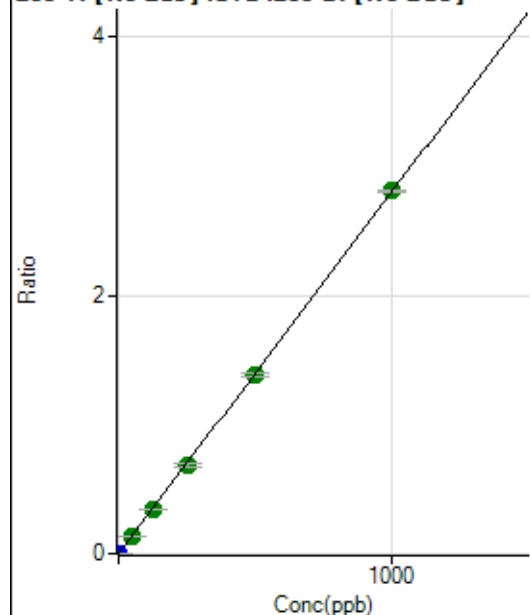
$$DL = 0.004052$$

$$BEC = 0.01446$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1080.06	0.0000	P	1.0
2	☐	1.000	0.937	70315.80	0.0027	P	2.1
3	☐	50.000	49.045	3693805.71	0.1372	A	0.9
4	☐	125.000	122.301	9121270.00	0.3421	A	0.4
5	☐	250.000	243.974	17801131.40	0.6824	A	4.0
6	☐	500.000	495.271	35119126.15	1.3853	A	1.8
7	☐	1000.000	1004.256	69291474.53	2.8088	A	0.5
8	☐			9647.30	0.0005	P	13.3

$$y = 0.0028 * x + 4.0315E-005$$

$$R = 1.0000$$

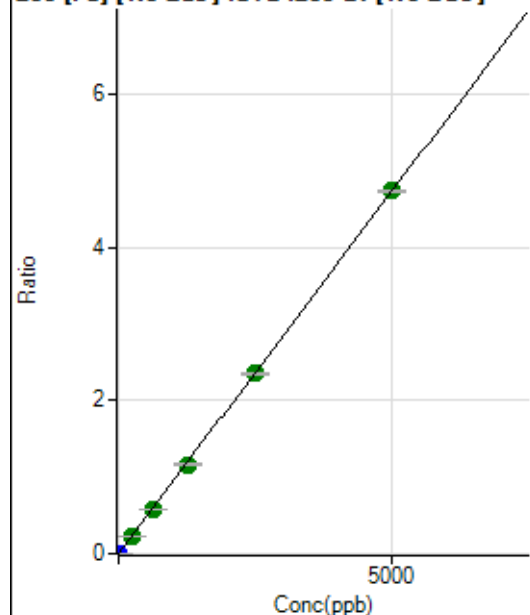
$$DL = 0.0004185$$

$$BEC = 0.01441$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	815.59	0.0000	P	2.2
2	☐	1.000	0.943	24318.42	0.0009	P	1.7
3	☐	250.000	245.399	6236995.81	0.2317	A	0.8
4	☐	625.000	618.707	15573131.57	0.5841	A	1.1
5	☐	1250.000	1231.608	30336965.10	1.1627	A	2.8
6	☐	2500.000	2485.594	59489213.56	2.3465	A	1.5
7	☐	5000.000	5012.817	116740219.37	4.7322	A	0.6
8	☐			25105.78	0.0014	P	5.7

$$y = 9.4402E-004 * x + 3.0442E-005$$

$$R = 1.0000$$

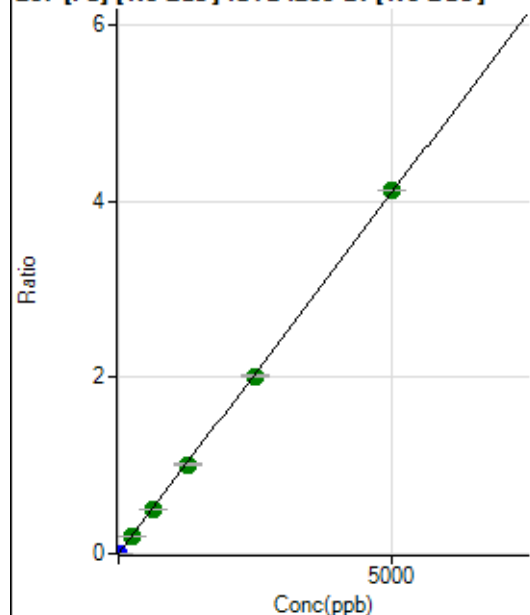
$$DL = 0.002102$$

$$BEC = 0.03225$$

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	724.47	0.0000	P	11.1
2	☐	1.000	0.949	21269.77	0.0008	P	2.1
3	☐	250.000	244.095	5383983.60	0.2000	A	1.8
4	☐	625.000	607.087	13261941.33	0.4974	A	1.3
5	☐	1250.000	1228.657	26269435.44	1.0066	A	1.9
6	☐	2500.000	2460.278	51105666.46	2.0157	A	0.9
7	☐	5000.000	5027.731	101615826.27	4.1192	A	0.1
8	☐			21283.36	0.0012	P	8.8

$$y = 8.1928\text{E-}004 * x + 2.7034\text{E-}005$$

$$R = 0.9999$$

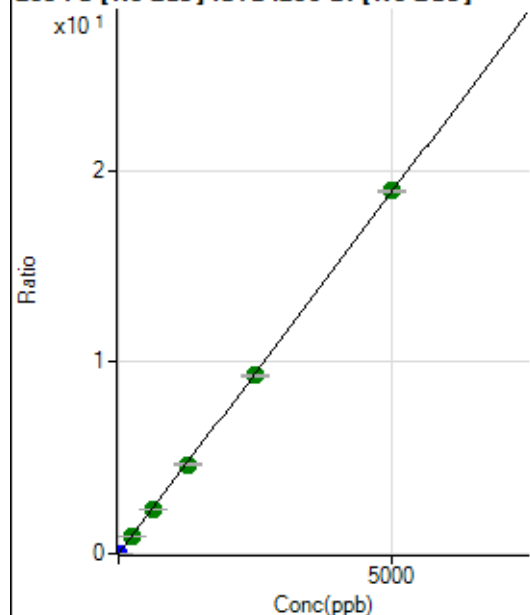
$$DL = 0.01101$$

$$BEC = 0.033$$

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	3303.54	0.0001	P	2.9
2	☐	1.000	0.944	97276.40	0.0037	P	1.1
3	☐	250.000	244.537	24803969.08	0.9214	A	0.7
4	☐	625.000	614.309	61709928.81	2.3145	A	1.0
5	☐	1250.000	1231.945	121111319.03	4.6415	A	2.4
6	☐	2500.000	2471.291	236054157.04	9.3107	A	0.8
7	☐	5000.000	5020.477	466610904.16	18.9148	A	0.4
8	☐			98317.09	0.0054	P	7.8

$$y = 0.0038 * x + 1.2330\text{E-}004$$

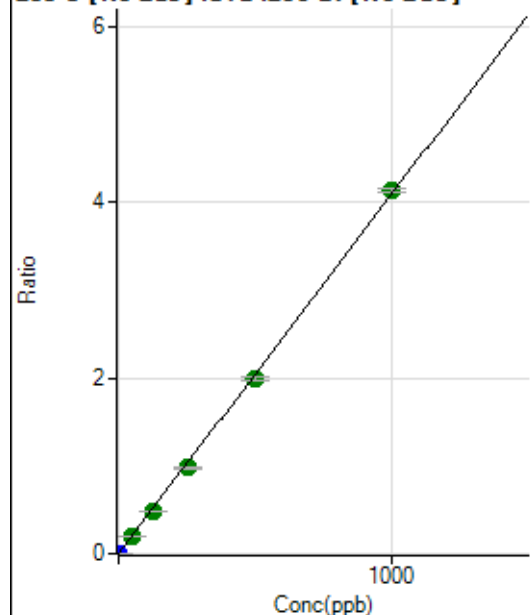
$$R = 1.0000$$

$$DL = 0.002876$$

$$BEC = 0.03273$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	101.11	0.0000	P	5.5
2	☐	1.000	0.898	97098.57	0.0037	P	2.4
3	☐	50.000	47.526	5230184.05	0.1943	A	1.1
4	☐	125.000	118.313	12895088.00	0.4837	A	1.2
5	☐	250.000	238.217	25408822.12	0.9738	A	2.6
6	☐	500.000	488.349	50610112.58	1.9963	A	2.2
7	☐	1000.000	1009.731	101829840.70	4.1277	A	1.1
8	☐			3333.14	0.0002	P	43.2

$$y = 0.0041 * x + 3.7748E-006$$

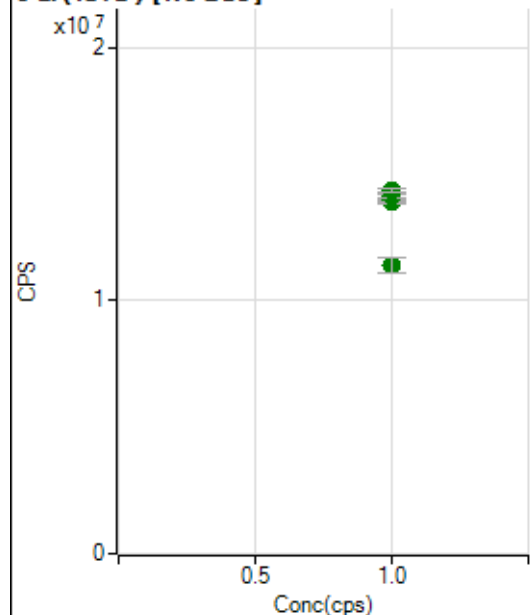
$$R = 0.9998$$

$$DL = 0.0001512$$

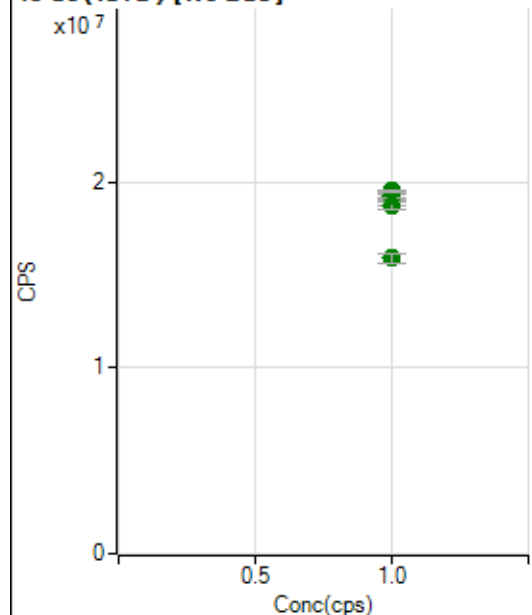
$$BEC = 0.0009234$$

Weight: <None>

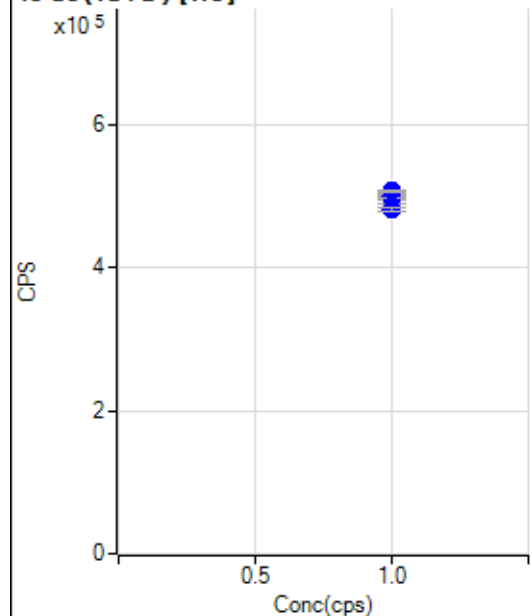
Min Conc: 0

6 Li (ISTD) [No Gas]

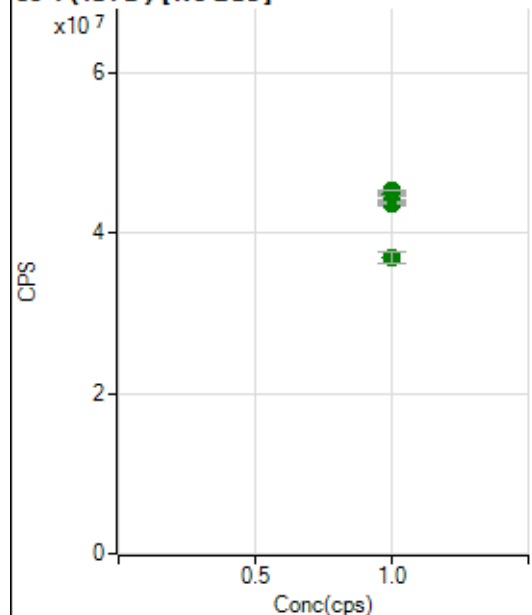
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		13900815.24		A	0.7
2	☐	1.000		13965088.66		A	1.4
3	☐	1.000		14303824.86		A	1.7
4	☐	1.000		14255643.07		A	0.1
5	☐	1.000		14139031.92		A	4.2
6	☐	1.000		14101429.64		A	1.0
7	☐	1.000		14334701.00		A	1.1
8	☐	1.000		11413445.00		A	5.1

45 Sc (ISTD) [No Gas]

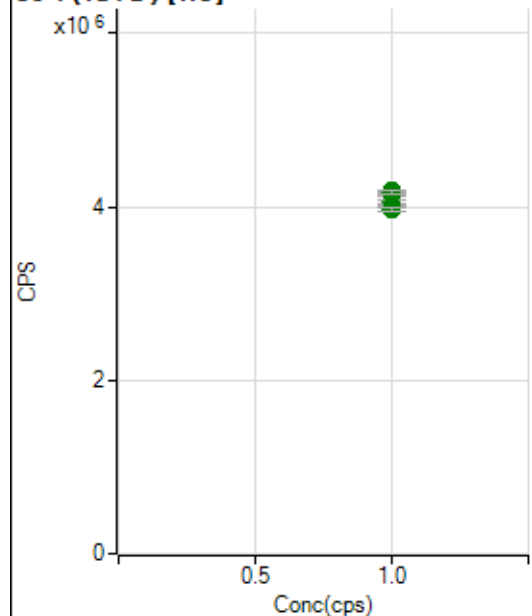
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18943154.58		A	1.6
2	☐	1.000		18754906.94		A	2.2
3	☐	1.000		19399081.52		A	0.3
4	☐	1.000		19389345.82		A	0.2
5	☐	1.000		19244040.13		A	2.6
6	☐	1.000		19253237.35		A	0.8
7	☐	1.000		19541412.07		A	0.8
8	☐	1.000		15939908.93		A	3.3

45 Sc (ISTD) [He]

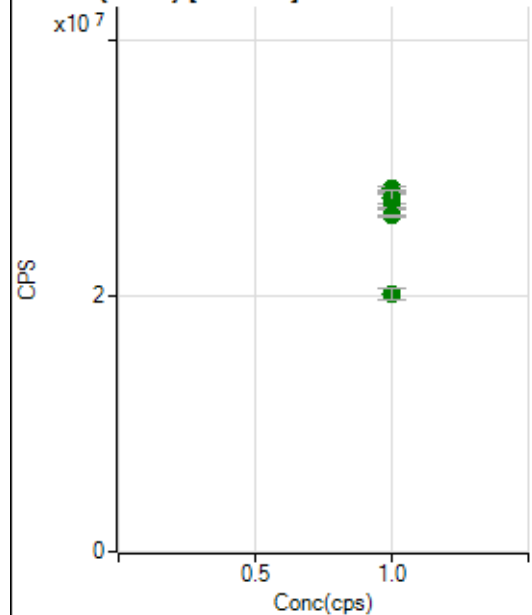
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		488387.44		P	0.1
2	☐	1.000		496490.76		P	0.9
3	☐	1.000		505058.63		P	0.2
4	☐	1.000		505207.53		P	0.2
5	☐	1.000		503103.16		P	0.7
6	☐	1.000		500370.53		P	0.8
7	☐	1.000		507048.83		P	0.7
8	☐	1.000		480115.45		P	1.0

89 Y (ISTD) [No Gas]

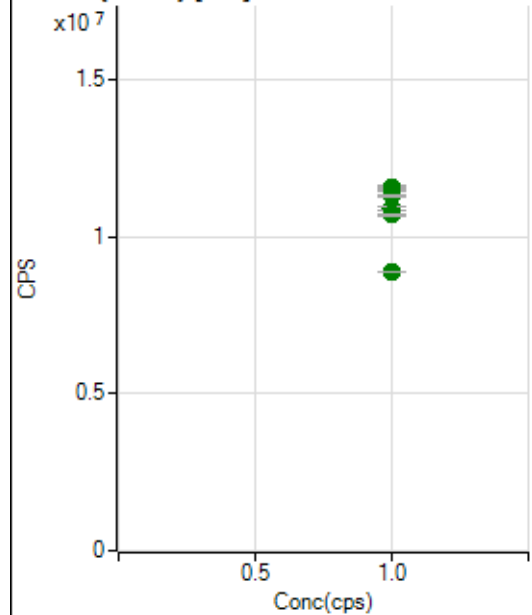
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		43579768.79		A	1.1
2	☐	1.000		43772860.46		A	1.1
3	☐	1.000		44694370.45		A	0.3
4	☐	1.000		44966098.22		A	0.8
5	☐	1.000		44617066.56		A	3.3
6	☐	1.000		44777846.00		A	1.1
7	☐	1.000		45213364.88		A	0.1
8	☐	1.000		36875579.17		A	3.9

89 Y (ISTD) [He]

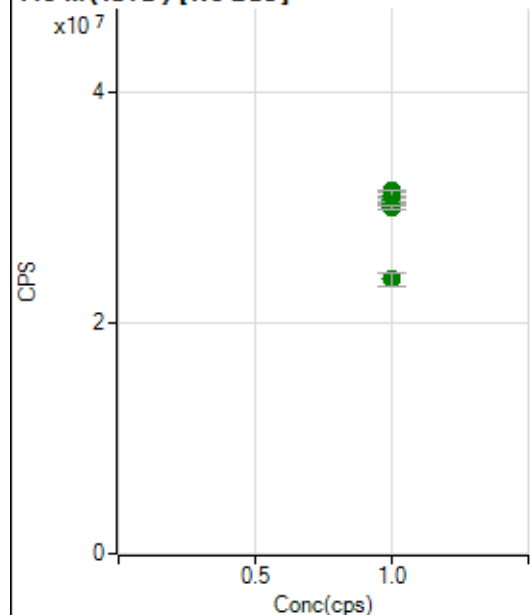
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4051686.12		A	0.9
2	☐	1.000		4051614.04		A	1.4
3	☐	1.000		4182765.14		A	0.8
4	☐	1.000		4162001.60		A	1.1
5	☐	1.000		4157723.52		A	1.4
6	☐	1.000		4142148.03		A	0.3
7	☐	1.000		4170713.17		A	1.0
8	☐	1.000		3966917.30		A	1.2

103 Rh (ISTD) [No Gas]

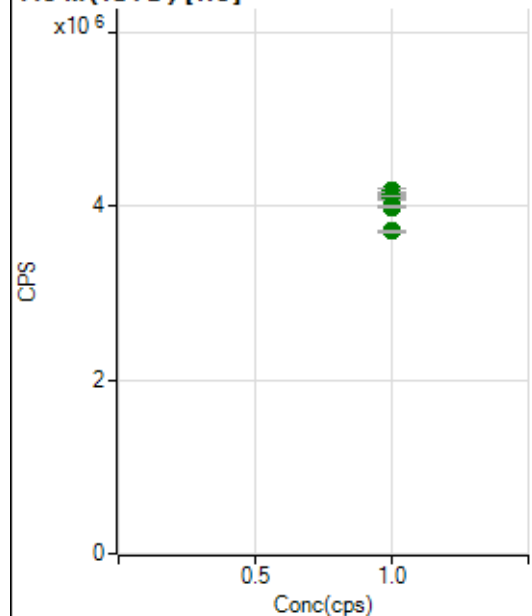
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		28258737.36		A	0.3
2	☐	1.000		28021378.75		A	0.8
3	☐	1.000		28380134.30		A	0.9
4	☐	1.000		28074135.14		A	0.8
5	☐	1.000		27738748.75		A	3.9
6	☐	1.000		26906471.26		A	0.5
7	☐	1.000		26316857.67		A	0.6
8	☐	1.000		20136030.67		A	4.4

103 Rh (ISTD) [He]

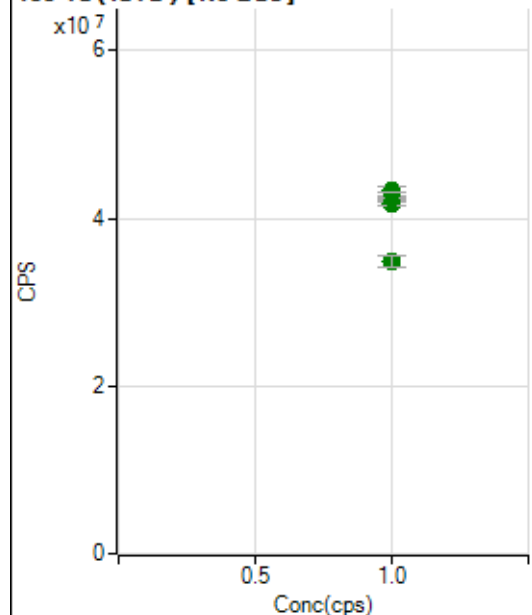
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11489558.72		A	0.1
2	☐	1.000		11549015.80		A	1.2
3	☐	1.000		11563146.63		A	0.5
4	☐	1.000		11466991.77		A	0.3
5	☐	1.000		11310160.67		A	0.3
6	☐	1.000		10893518.38		A	1.4
7	☐	1.000		10695649.15		A	0.7
8	☐	1.000		8883449.52		A	0.4

115 In (ISTD) [No Gas]

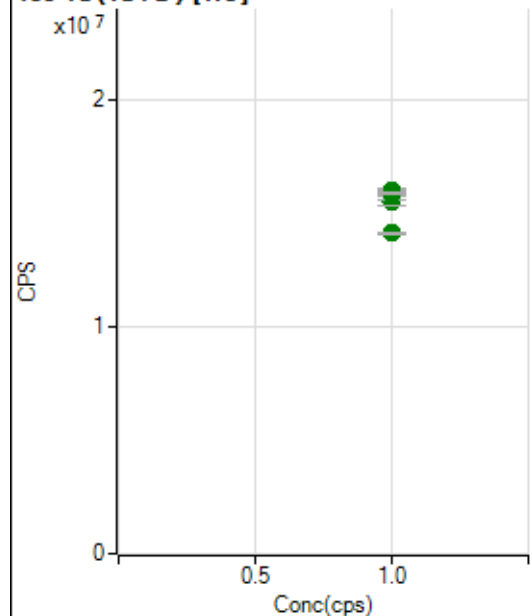
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		30912510.95		A	0.4
2	☐	1.000		30651623.81		A	1.8
3	☐	1.000		31377592.60		A	0.1
4	☐	1.000		31399099.71		A	0.7
5	☐	1.000		30949527.70		A	3.4
6	☐	1.000		30310749.46		A	0.9
7	☐	1.000		29978579.04		A	1.3
8	☐	1.000		23716548.92		A	4.4

115 In (ISTD) [He]

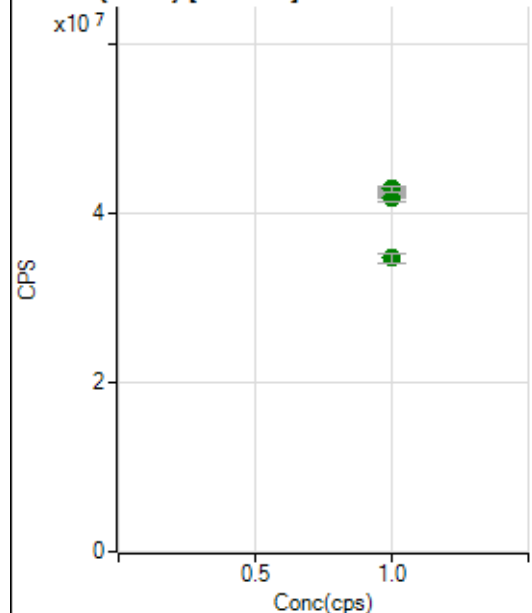
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4109881.79		A	0.5
2	☐	1.000		4124756.94		A	1.3
3	☐	1.000		4179559.59		A	0.9
4	☐	1.000		4136240.00		A	1.4
5	☐	1.000		4096071.59		A	0.7
6	☐	1.000		3996692.13		A	0.9
7	☐	1.000		4000513.59		A	0.6
8	☐	1.000		3713490.36		A	0.6

159 Tb (ISTD) [No Gas]

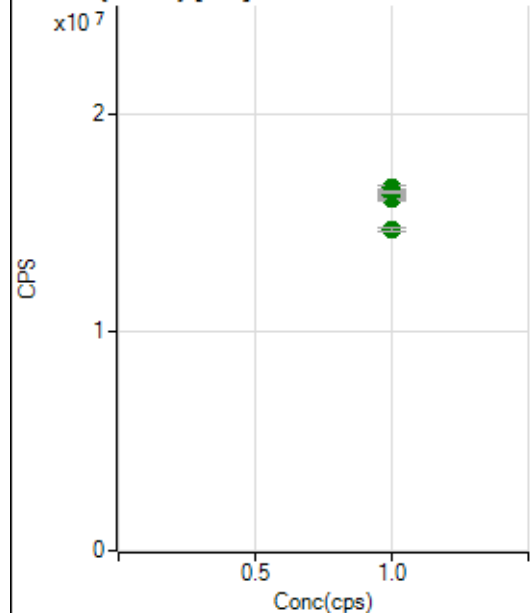
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		41729491.32		A	0.7
2	☐	1.000		41859689.66		A	1.6
3	☐	1.000		43109206.58		A	0.1
4	☐	1.000		43139811.58		A	0.2
5	☐	1.000		43276805.19		A	2.8
6	☐	1.000		42511289.09		A	0.7
7	☐	1.000		43153149.91		A	0.3
8	☐	1.000		34809403.93		A	4.0

159 Tb (ISTD) [He]

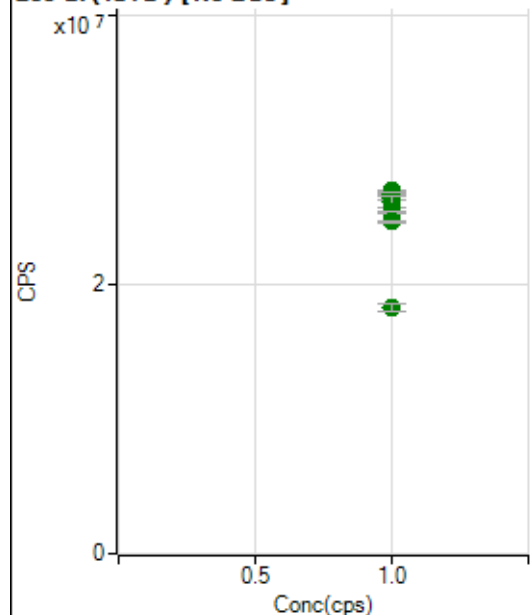
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15496144.35		A	1.7
2	☐	1.000		15758442.96		A	1.2
3	☐	1.000		16018625.18		A	0.4
4	☐	1.000		15978666.71		A	1.6
5	☐	1.000		15961434.07		A	0.9
6	☐	1.000		15845817.26		A	1.2
7	☐	1.000		15903294.21		A	0.3
8	☐	1.000		14159717.01		A	0.7

165 Ho (ISTD) [No Gas]

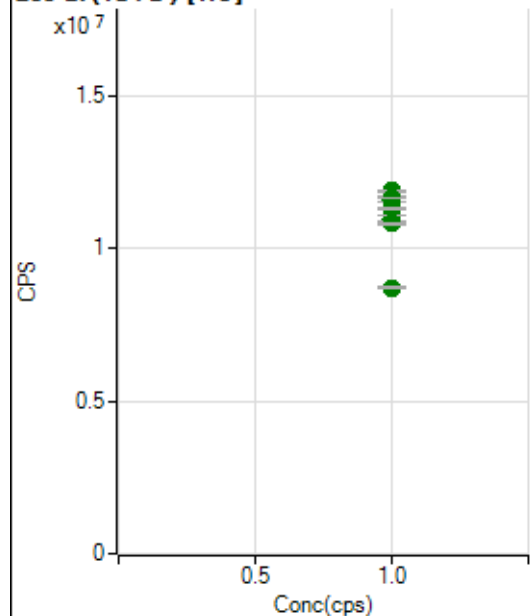
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		41817826.32		A	0.3
2	☐	1.000		41745523.82		A	1.9
3	☐	1.000		42650886.03		A	0.8
4	☐	1.000		42838090.75		A	1.0
5	☐	1.000		42649619.64		A	2.9
6	☐	1.000		42565129.37		A	1.0
7	☐	1.000		42888841.86		A	1.3
8	☐	1.000		34721120.87		A	3.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16059037.82		A	0.6
2	☐	1.000		16247232.95		A	0.8
3	☐	1.000		16414185.45		A	0.4
4	☐	1.000		16595847.53		A	0.9
5	☐	1.000		16320263.23		A	0.5
6	☐	1.000		16246555.59		A	1.4
7	☐	1.000		16426536.84		A	0.4
8	☐	1.000		14694706.45		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		26790377.38		A	0.4
2	☐	1.000		26429414.60		A	1.0
3	☐	1.000		26920023.21		A	0.6
4	☐	1.000		26662965.99		A	0.7
5	☐	1.000		26105019.33		A	2.8
6	☐	1.000		25353751.01		A	0.6
7	☐	1.000		24669148.52		A	0.7
8	☐	1.000		18223212.51		A	3.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11586268.16		A	1.3
2	☐	1.000		11735168.16		A	0.3
3	☐	1.000		11889159.96		A	0.3
4	☐	1.000		11653280.38		A	0.2
5	☐	1.000		11300926.08		A	0.7
6	☐	1.000		10995307.61		A	1.3
7	☐	1.000		10809245.12		A	0.8
8	☐	1.000		8724923.89		A	0.7