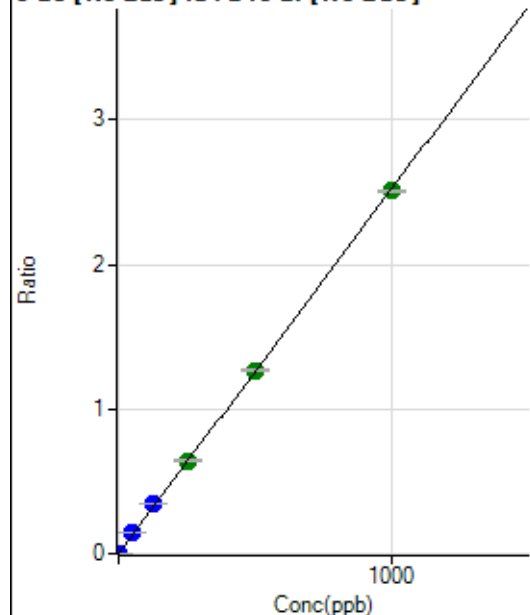


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8040925 MS.b\
 Analysis File: P8040925 MS.batch.bin
 DA Date-Time: 2025-04-10 23:54:54
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-04-09 12:33:13
2	006CALS.d	S02	2025-04-09 12:39:59
3	007CALB.d	S03	2025-04-09 12:43:21
4	008CALS.d	S04	2025-04-09 12:46:23
5	009CALS.d	S05	2025-04-09 12:49:17
6	010CALS.d	S06	2025-04-09 12:52:04
7	011CALS.d	S07	2025-04-09 12:54:49
8	012CALS.d	S08	2025-04-09 12:57:41

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	40.27	0.0000	P	11.0
2	☐	1.000	1.119	7982.86	0.0028	P	0.6
3	☐	50.000	56.077	380279.09	0.1413	P	0.9
4	☐	125.000	138.400	901151.33	0.3488	P	1.2
5	☐	250.000	255.107	1610375.86	0.6429	A	1.0
6	☐	500.000	503.252	3089405.97	1.2682	A	1.2
7	☐	1000.000	995.118	5785757.08	2.5077	A	0.9
8	☐			531.63	0.0002	P	9.3

$$y = 0.0025 * x + 1.4245E-005$$

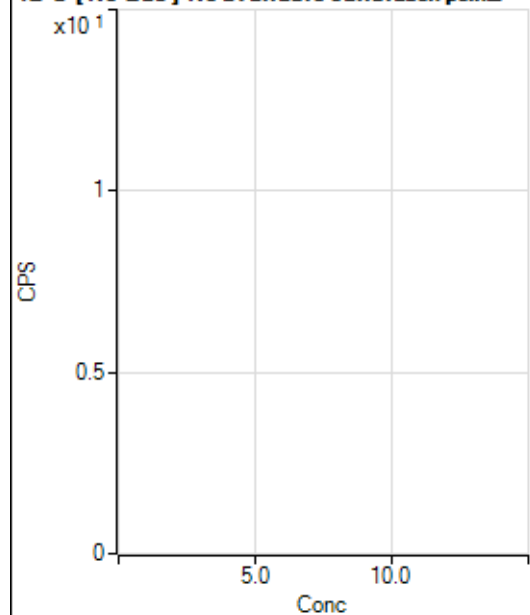
$$R = 0.9999$$

$$DL = 0.00187$$

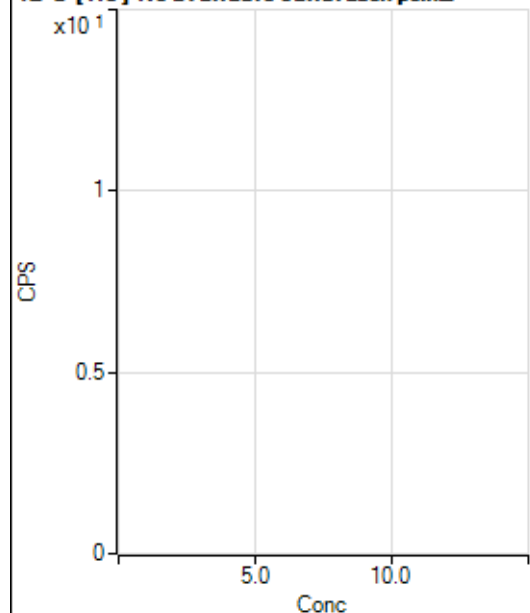
$$BEC = 0.005653$$

Weight: <None>

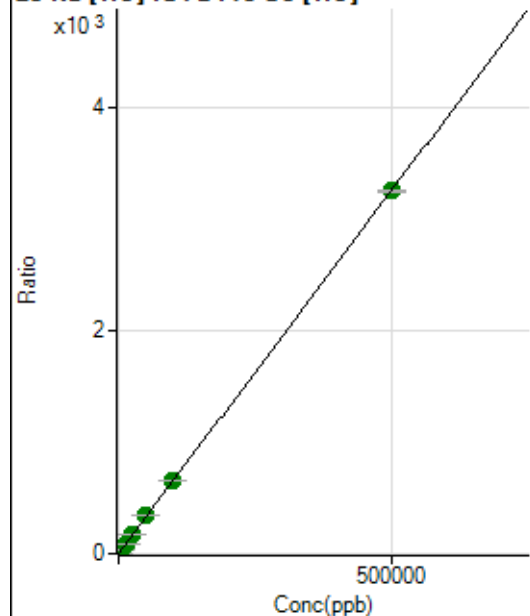
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4262279.76		A	2.9
2	☐			4361926.91		A	3.0
3	☐			4724116.29		A	1.5
4	☐			4475510.49		A	1.7
5	☐			4401990.56		A	1.3
6	☐			4456678.96		A	0.2
7	☐			4740579.96		A	0.6
8	☐			4121189.56		A	2.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			29509.63		P	1.7
2	☐			30116.40		P	1.8
3	☐			31783.27		P	2.1
4	☐			30954.77		P	1.6
5	☐			31395.77		P	2.3
6	☐			32813.24		P	0.8
7	☐			35888.18		P	0.8
8	☐			40533.48		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	43513.50	0.3293	P	0.8
2	☐	500.000	512.785	471360.82	3.6644	P	0.5
3	☐	5000.000	5484.080	4280480.70	35.9966	A	0.9
4	☐	12500.000	13711.744	10100065.96	89.5075	A	0.6
5	☐	25000.000	26934.035	19291131.66	175.5024	A	0.2
6	☐	50000.000	52283.453	37636790.28	340.3694	A	0.7
7	☐	100000.00	100222.06	71566271.71	652.1516	A	0.5
8	☐	500000.00	499595.39	339109490.51	3,249.5879	A	0.4

$$y = 0.0065 * x + 0.3293$$

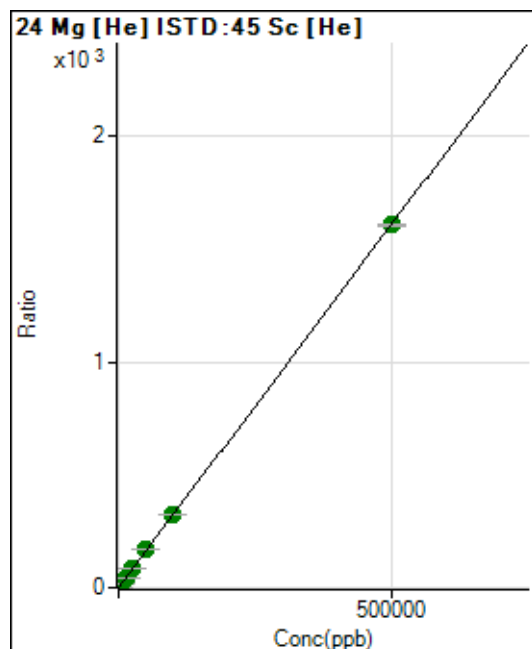
$$R = 1.0000$$

$$DL = 1.232$$

$$BEC = 50.63$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	394.46	0.0030	P	7.8
2	☐	500.000	520.463	216018.14	1.6793	P	0.6
3	☐	5000.000	5633.670	2158047.45	18.1479	A	0.9
4	☐	12500.000	13835.834	5028695.17	44.5654	A	1.2
5	☐	25000.000	27331.476	9676807.84	88.0321	A	0.7
6	☐	50000.000	52442.319	18676614.72	168.9090	A	1.3
7	☐	100000.00	100736.15	35605497.52	324.4536	A	0.3
8	☐	500000.00	499452.21	167866728.61	1,608.6370	A	0.4

$$y = 0.0032 * x + 0.0030$$

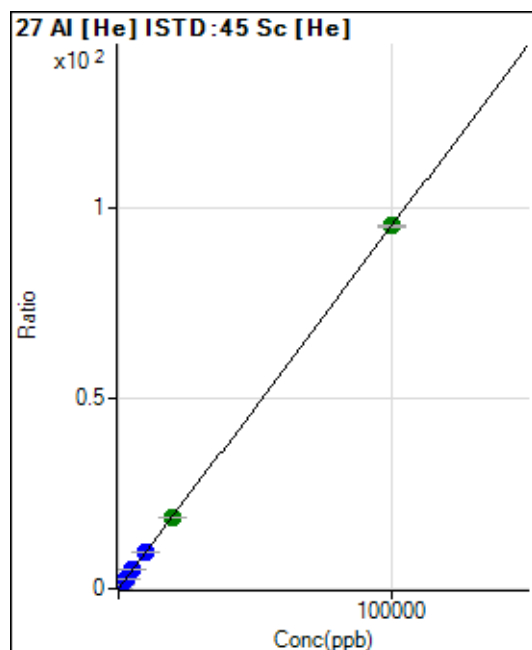
$$R = 1.0000$$

$$DL = 0.2179$$

$$BEC = 0.9271$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	213.34	0.0016	P	14.9
2	☐	20.000	20.940	2779.18	0.0216	P	2.4
3	☐	1000.000	1069.436	121583.87	1.0224	P	0.1
4	☐	2500.000	2659.591	286642.02	2.5403	P	0.9
5	☐	5000.000	5250.503	551059.63	5.0134	P	0.7
6	☐	10000.000	10211.648	1077996.78	9.7490	P	0.6
7	☐	20000.000	19552.882	2048411.05	18.6655	A	0.6
8	☐	100000.00	100051.04	9965757.77	95.5037	A	0.7

$$y = 9.5453E-004 * x + 0.0016$$

$$R = 1.0000$$

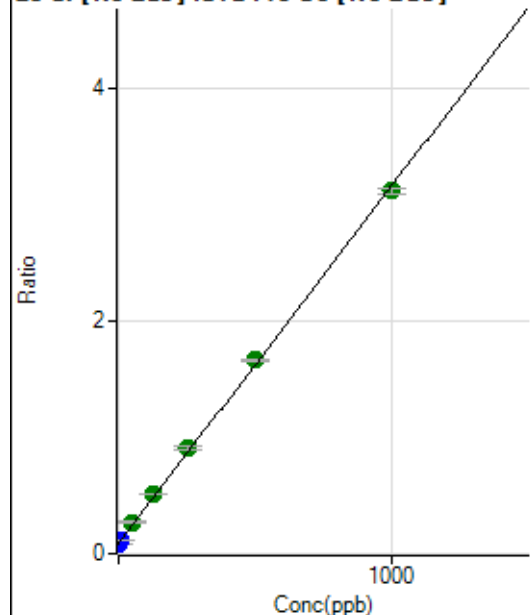
$$DL = 0.7553$$

$$BEC = 1.692$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	485131.42	0.0893	P	1.1
2	☐	10.000	7.562	602803.22	0.1125	P	1.0
3	☐	50.000	59.714	1393415.99	0.2726	A	1.4
4	☐	125.000	138.841	2539090.24	0.5154	A	1.0
5	☐	250.000	268.313	4319813.34	0.9129	A	2.7
6	☐	500.000	513.142	7867473.01	1.6644	A	1.4
7	☐	1000.000	986.659	14268206.87	3.1178	A	1.4
8	☐			801536.12	0.1888	P	3.5

$$y = 0.0031 * x + 0.0893$$

$$R = 0.9996$$

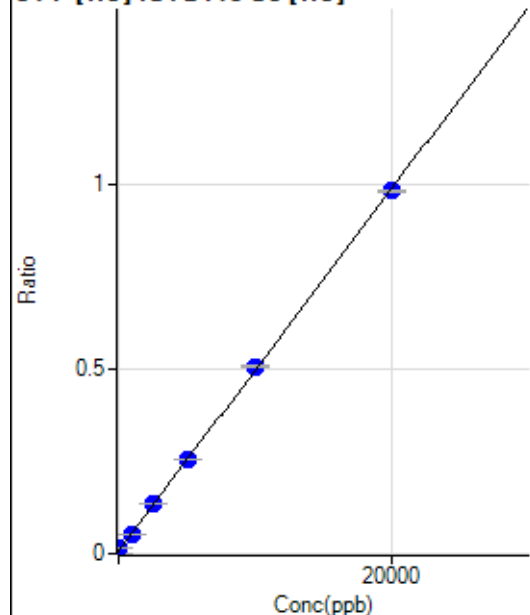
$$DL = 0.9752$$

$$BEC = 29.08$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-130.299	86.67	0.0007	P	29.6
2	☐	0.000	130.299	1730.12	0.0135	P	5.5
3	☐	1000.000	950.180	6387.02	0.0537	P	2.2
4	☐	2500.000	2584.515	15113.53	0.1339	P	1.2
5	☐	5000.000	5055.528	28057.16	0.2553	P	1.7
6	☐	10000.000	10174.509	56015.30	0.5066	P	1.0
7	☐	20000.000	19890.790	107940.80	0.9836	P	0.8
8	☐			124.45	0.0012	P	6.7

$$y = 4.9097E-005 * x + 0.0071$$

$$R = 0.9999$$

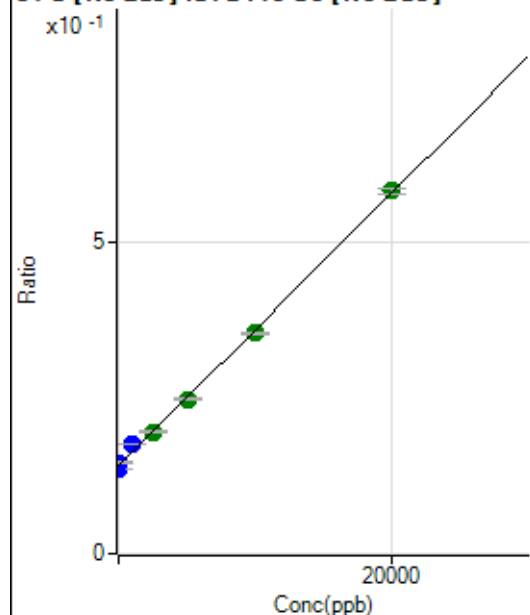
$$DL = 28.46$$

$$BEC = 143.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-234.311	741228.12	0.1364	P	0.8
2	☐	0.000	234.311	786130.80	0.1467	P	1.0
3	☐	1000.000	1593.243	902446.49	0.1765	P	1.1
4	☐	2500.000	2468.748	964246.82	0.1957	A	0.9
5	☐	5000.000	4875.880	1176537.81	0.2486	A	1.4
6	☐	10000.000	9739.142	1679459.42	0.3553	A	0.9
7	☐	20000.000	20135.703	2670054.68	0.5834	A	1.5
8	☐			522758.38	0.1231	P	0.8

$$y = 2.1946E-005 * x + 0.1416$$

$$R = 0.9991$$

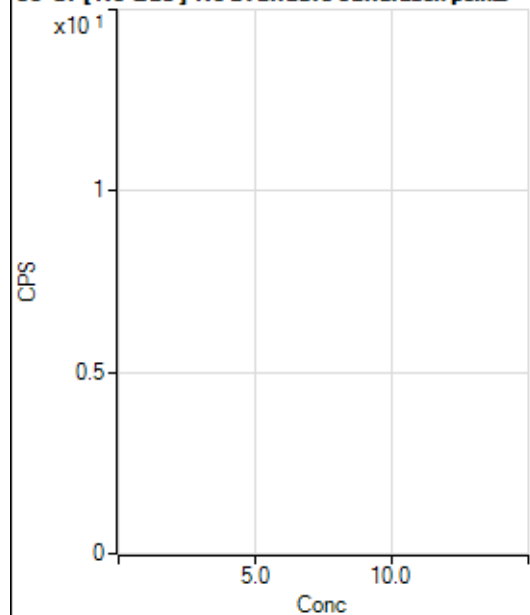
$$DL = 171.4$$

$$BEC = 6450$$

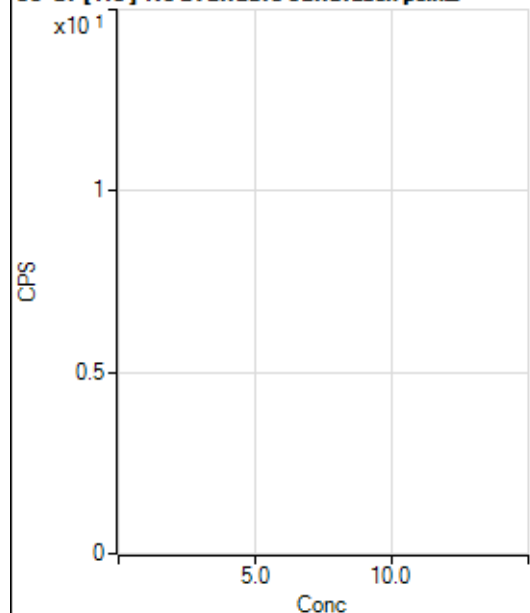
Weight: <None>

Min Conc: 0

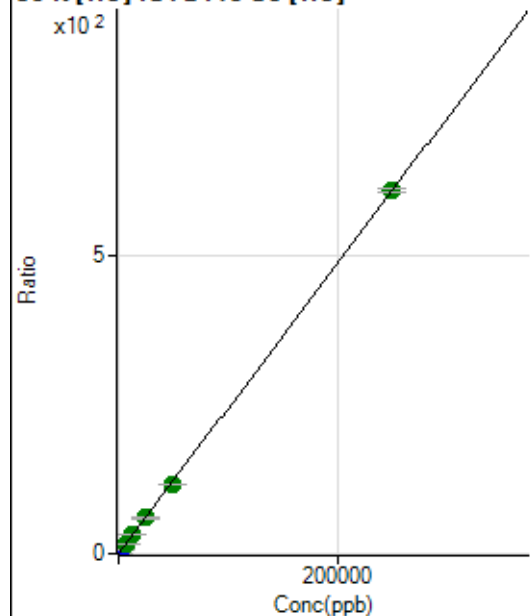
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			125012.70		P	1.3
2	☐			130943.59		P	0.9
3	☐			169888.37		P	0.8
4	☐			165516.00		P	0.5
5	☐			167501.03		P	1.2
6	☐			185186.90		P	1.5
7	☐			216679.75		P	1.6
8	☐			134577.24		P	0.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			566.69		P	8.9
2	☐			601.13		P	4.5
3	☐			778.92		P	7.0
4	☐			748.92		P	0.3
5	☐			798.92		P	2.3
6	☐			818.92		P	8.0
7	☐			1042.27		P	3.6
8	☐			752.25		P	7.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	20938.58	0.1585	P	1.0
2	☐	500.000	465.490	166233.97	1.2923	P	0.6
3	☐	2500.000	2628.037	780073.61	6.5599	P	0.3
4	☐	6250.000	6533.839	1813658.12	16.0737	A	1.2
5	☐	12500.000	12683.622	3413320.02	31.0534	A	1.0
6	☐	25000.000	24526.755	6623696.01	59.9010	A	0.6
7	☐	50000.000	48106.938	12876695.50	117.3379	A	0.2
8	☐	250000.00	250408.44	63669994.61	610.1064	A	1.1

$$y = 0.0024 * x + 0.1585$$

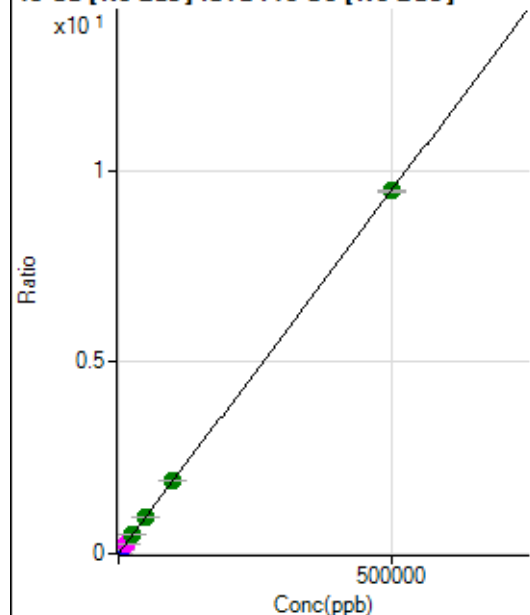
$$R = 1.0000$$

$$DL = 1.855$$

$$BEC = 65.05$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1534.54	0.0003	P	4.0
2	☐	500.000	476.784	49922.82	0.0093	P	1.5
3	☐	5000.000	5319.479	516713.65	0.1011	P	0.5
4	☐	12500.000	13174.199	1230986.74	0.2499	M	1.5
5	☐	25000.000	26226.514	2352916.08	0.4972	A	2.7
6	☐	50000.000	50598.859	4533160.18	0.9590	A	0.9
7	☐	100000.00	101305.61	8785756.88	1.9197	A	0.2
8	☐	500000.00	499597.64	40188268.57	9.4663	A	0.8

$$y = 1.8947\text{E-}005 * x + 2.8239\text{E-}004$$

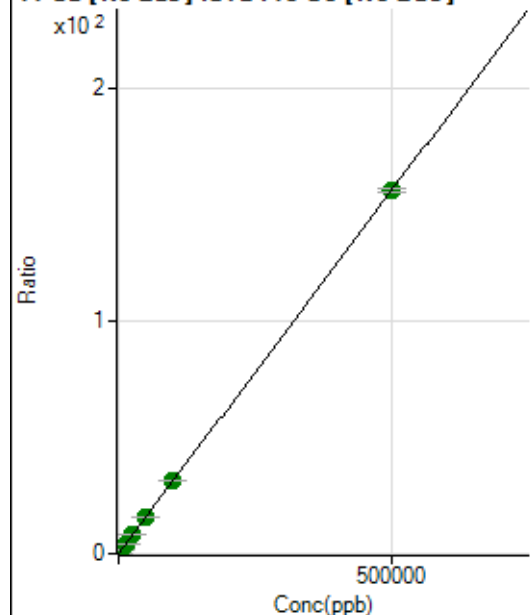
$$R = 1.0000$$

$$DL = 1.771$$

$$BEC = 14.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47702.76	0.0088	P	0.5
2	☐	500.000	473.783	839237.07	0.1566	P	0.5
3	☐	5000.000	5138.202	8240595.50	1.6119	A	0.5
4	☐	12500.000	12798.435	19713417.62	4.0019	A	1.0
5	☐	25000.000	25561.581	37791131.94	7.9840	A	0.8
6	☐	50000.000	50578.814	74635931.67	15.7894	A	1.2
7	☐	100000.00	100870.34	144069784.52	31.4804	A	0.3
8	☐	500000.00	499731.15	661956185.69	155.9253	A	1.1

$$y = 3.1200\text{E-}004 * x + 0.0088$$

$$R = 1.0000$$

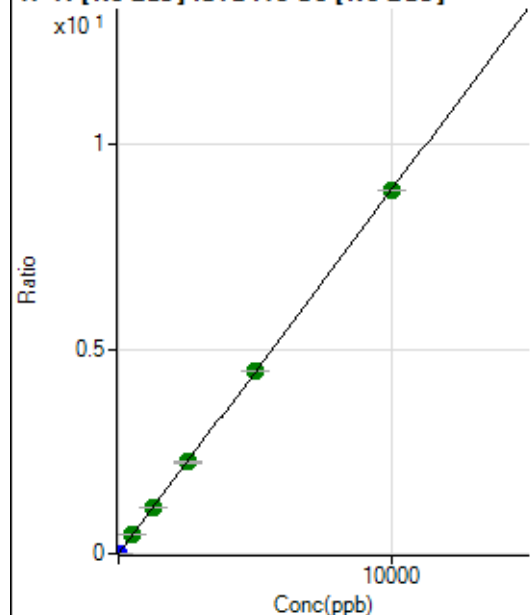
$$DL = 0.4642$$

$$BEC = 28.14$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	280.01	0.0001	P	16.9
2	☐	5.000	4.968	23953.40	0.0045	P	1.7
3	☐	500.000	509.384	2316066.81	0.4530	A	0.3
4	☐	1250.000	1260.793	5523268.53	1.1212	A	1.0
5	☐	2500.000	2528.115	10640790.40	2.2482	A	1.7
6	☐	5000.000	5032.561	21156001.49	4.4754	A	0.2
7	☐	10000.000	9974.872	40595685.78	8.8705	A	0.1
8	☐			2888.09	0.0007	P	6.5

$$y = 8.8928\text{E-}004 * x + 5.1491\text{E-}005$$

$$R = 1.0000$$

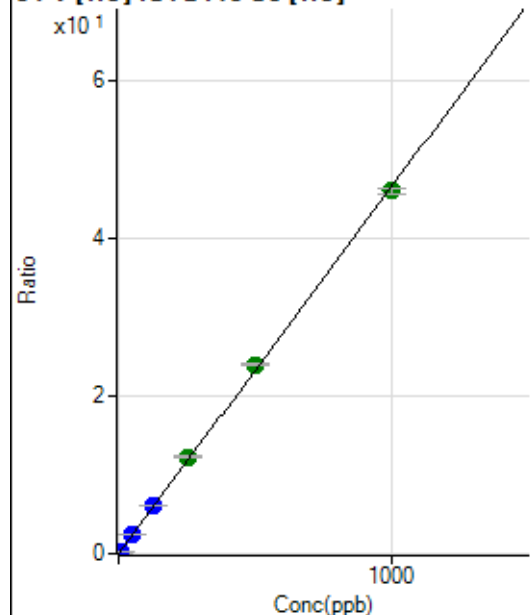
$$DL = 0.02942$$

$$BEC = 0.0579$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	14.44	0.0001	P	13.9
2	☐	5.000	4.738	28418.26	0.2209	P	1.3
3	☐	50.000	52.918	293249.52	2.4660	P	0.6
4	☐	125.000	132.300	695634.43	6.1650	P	0.7
5	☐	250.000	263.207	1348105.34	12.2650	A	1.2
6	☐	500.000	513.761	2647136.24	23.9402	A	1.1
7	☐	1000.000	988.761	5055875.06	46.0742	A	1.9
8	☐			1325.63	0.0127	P	5.9

$$y = 0.0466 * x + 1.0936\text{E-}004$$

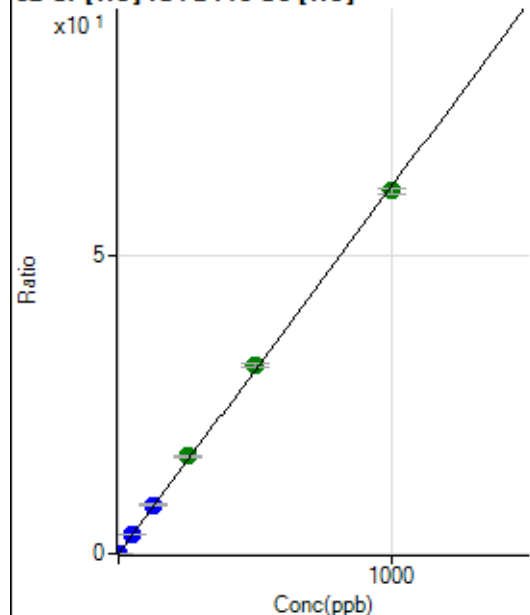
$$R = 0.9997$$

$$DL = 0.0009791$$

$$BEC = 0.002347$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1248.96	0.0095	P	3.5
2	☐	2.000	1.880	16086.92	0.1251	P	0.9
3	☐	50.000	53.312	391041.23	3.2884	P	0.3
4	☐	125.000	132.707	922020.87	8.1715	P	1.1
5	☐	250.000	265.058	1792961.64	16.3117	A	1.3
6	☐	500.000	513.912	3495986.09	31.6175	A	1.3
7	☐	1000.000	988.151	6670208.44	60.7854	A	1.5
8	☐			55163.64	0.5286	P	1.0

$$y = 0.0615 * x + 0.0095$$

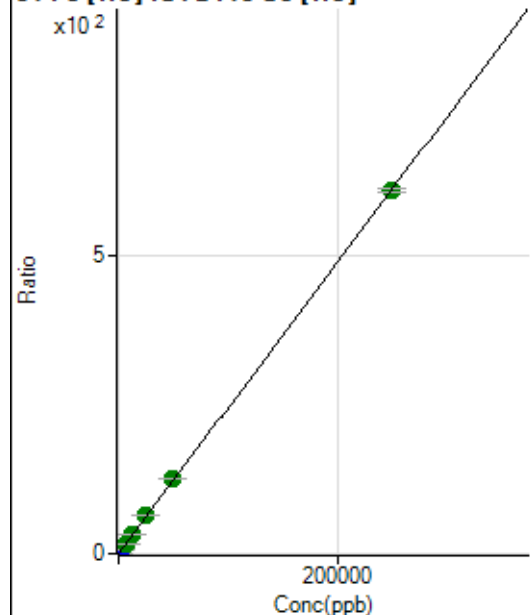
$$R = 0.9997$$

$$DL = 0.01629$$

$$BEC = 0.1537$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	952.27	0.0072	P	7.8
2	☐	50.000	50.648	16768.80	0.1304	P	1.2
3	☐	2500.000	2792.190	808185.16	6.7963	P	0.4
4	☐	6250.000	7005.252	1922778.77	17.0402	A	0.9
5	☐	12500.000	13727.321	3669529.74	33.3846	A	0.9
6	☐	25000.000	26390.712	7096021.63	64.1751	A	1.1
7	☐	50000.000	51321.734	13694060.77	124.7938	A	1.6
8	☐	250000.00	249513.41	63311330.17	606.6885	A	1.1

$$y = 0.0024 * x + 0.0072$$

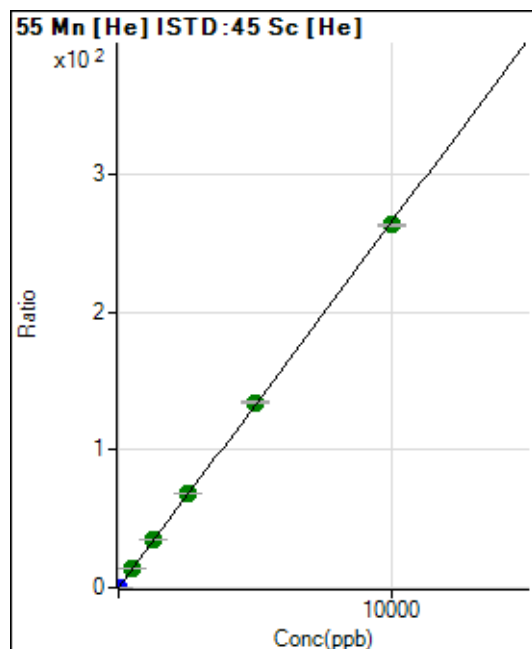
$$R = 1.0000$$

$$DL = 0.6932$$

$$BEC = 2.963$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	872.26	0.0066	P	6.5
2	☐	1.000	1.031	4372.93	0.0340	P	0.7
3	☐	500.000	529.710	1674699.07	14.0829	A	0.1
4	☐	1250.000	1321.280	3962570.98	35.1179	A	0.6
5	☐	2500.000	2594.424	7578943.84	68.9500	A	0.5
6	☐	5000.000	5076.163	14916998.81	134.8990	A	0.3
7	☐	10000.000	9927.917	28952025.40	263.8281	A	0.6
8	☐			16361.69	0.1568	P	1.2

$$y = 0.0266 * x + 0.0066$$

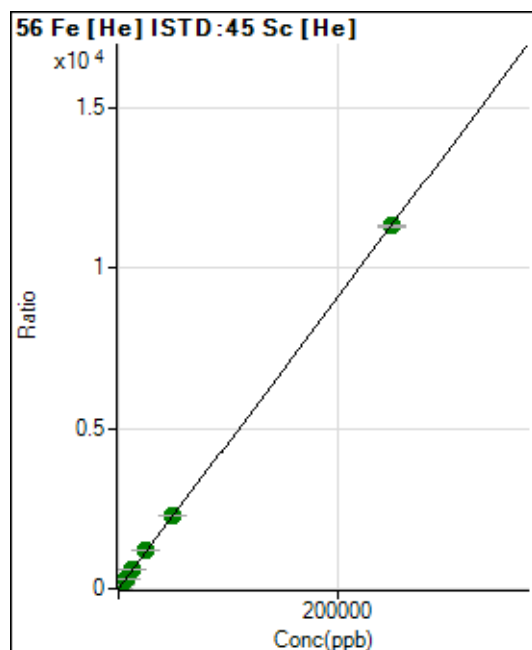
$$R = 0.9999$$

$$DL = 0.04862$$

$$BEC = 0.2485$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11260.10	0.0852	P	2.9
2	☐	50.000	48.843	295507.37	2.2971	P	1.2
3	☐	2500.000	2685.126	14470264.09	121.6822	A	0.4
4	☐	6250.000	6722.711	34362309.21	304.5259	A	0.4
5	☐	12500.000	13482.476	67122056.78	610.6445	A	0.2
6	☐	25000.000	25962.015	130015705.84	1,175.7855	A	0.5
7	☐	50000.000	50668.472	251807242.91	2,294.6273	A	0.7
8	☐	250000.00	249707.31	1180053706.8	11,308.181	A	0.6

$$y = 0.0453 * x + 0.0852$$

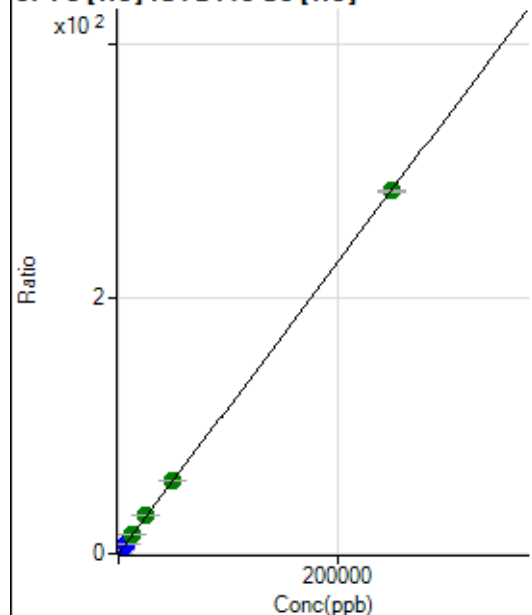
$$R = 1.0000$$

$$DL = 0.1629$$

$$BEC = 1.882$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	331.12	0.0025	P	10.2
2	☐	50.000	47.702	7311.94	0.0568	P	1.7
3	☐	2500.000	2720.875	368823.84	3.1015	P	0.2
4	☐	6250.000	6784.127	872161.25	7.7295	P	0.7
5	☐	12500.000	13818.746	1730261.70	15.7417	A	1.1
6	☐	25000.000	26541.532	3342968.56	30.2327	A	1.2
7	☐	50000.000	50467.819	6308305.32	57.4842	A	0.3
8	☐	250000.00	249670.78	29674034.00	284.3718	A	0.5

$$y = 0.0011 * x + 0.0025$$

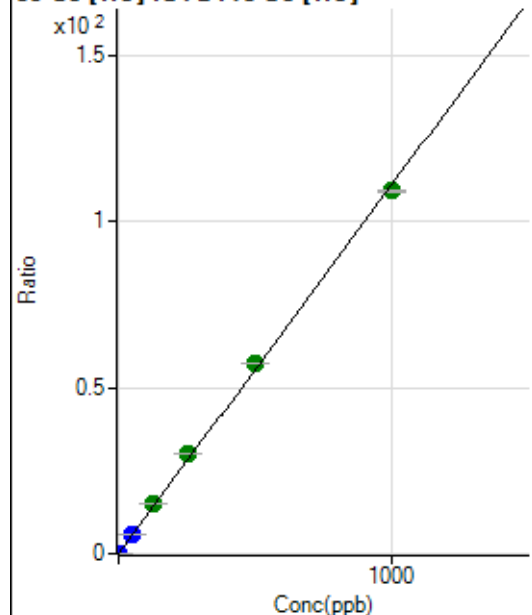
$$R = 1.0000$$

$$DL = 0.6708$$

$$BEC = 2.201$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	88.89	0.0007	P	11.5
2	☐	1.000	1.018	14625.39	0.1137	P	3.4
3	☐	50.000	54.257	716588.36	6.0262	P	0.7
4	☐	125.000	137.434	1722236.47	15.2635	A	0.9
5	☐	250.000	270.922	3307301.27	30.0880	A	0.7
6	☐	500.000	517.318	6352830.46	57.4516	A	0.3
7	☐	1000.000	984.343	11996615.79	109.3172	A	0.4
8	☐			25051.03	0.2401	P	0.6

$$y = 0.1111 * x + 6.7242E-004$$

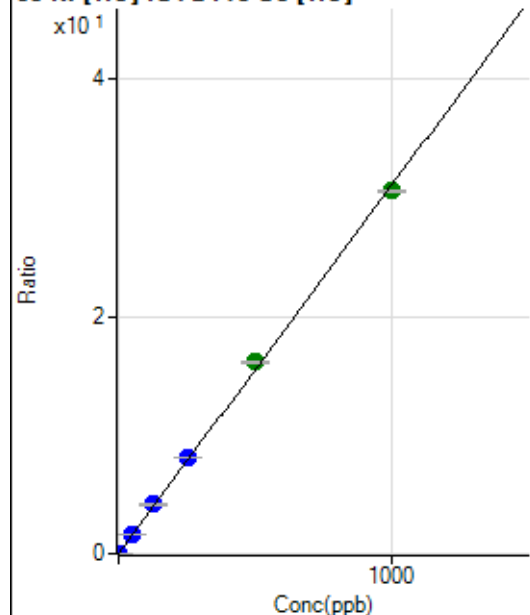
$$R = 0.9995$$

$$DL = 0.002095$$

$$BEC = 0.006055$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	800.03	0.0061	P	4.8
2	☐	1.000	0.845	4146.21	0.0322	P	2.6
3	☐	50.000	53.520	198028.31	1.6653	P	0.7
4	☐	125.000	133.047	466116.01	4.1309	P	0.7
5	☐	250.000	260.844	889554.70	8.0929	P	0.7
6	☐	500.000	521.098	1787044.59	16.1615	A	1.2
7	☐	1000.000	985.558	3353733.46	30.5610	A	0.5
8	☐			11551.42	0.1107	P	1.3

$$y = 0.0310 * x + 0.0061$$

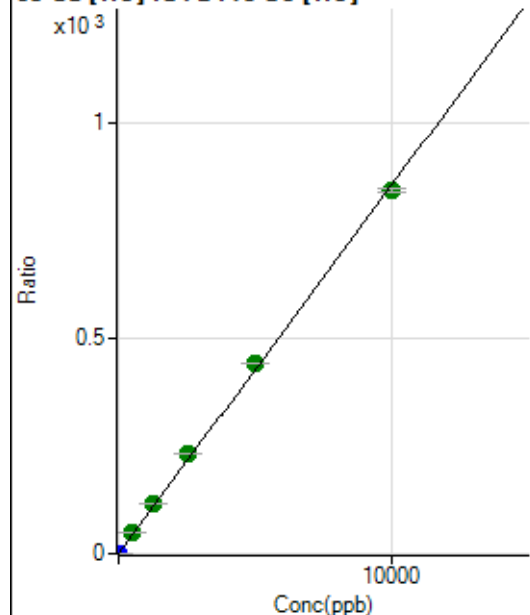
$$R = 0.9996$$

$$DL = 0.02816$$

$$BEC = 0.1953$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2619.16	0.0198	P	5.6
2	☐	2.000	2.064	25292.57	0.1966	P	1.0
3	☐	500.000	551.309	5618524.29	47.2458	A	1.1
4	☐	1250.000	1360.369	13151315.64	116.5512	A	0.5
5	☐	2500.000	2702.252	25445707.68	231.4990	A	0.8
6	☐	5000.000	5167.815	48952662.05	442.7030	A	0.5
7	☐	10000.000	9849.168	92586417.51	843.7150	A	1.0
8	☐			24441.08	0.2342	P	1.0

$$y = 0.0857 * x + 0.0198$$

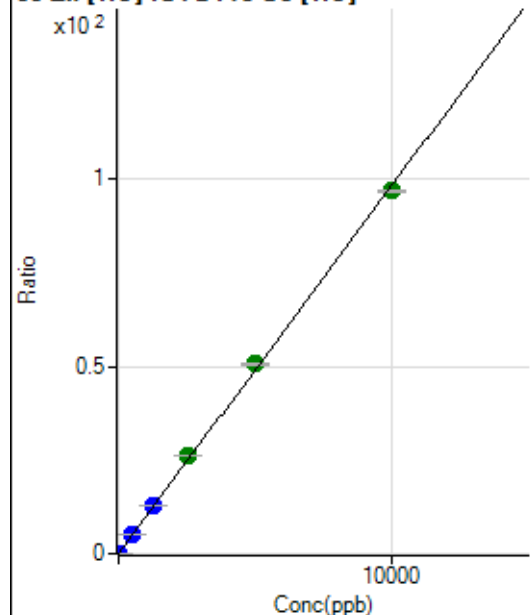
$$R = 0.9995$$

$$DL = 0.03891$$

$$BEC = 0.2314$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2164.63	0.0164	P	5.4
2	☐	2.000	4.822	8203.56	0.0638	P	1.8
3	☐	500.000	528.692	619905.92	5.2129	P	0.2
4	☐	1250.000	1324.718	1471056.21	13.0371	P	0.7
5	☐	2500.000	2670.818	2887445.03	26.2680	A	0.5
6	☐	5000.000	5162.375	5612735.68	50.7577	A	0.7
7	☐	10000.000	9865.333	10642950.33	96.9834	A	0.4
8	☐			22546.91	0.2161	P	0.9

$$y = 0.0098 * x + 0.0164$$

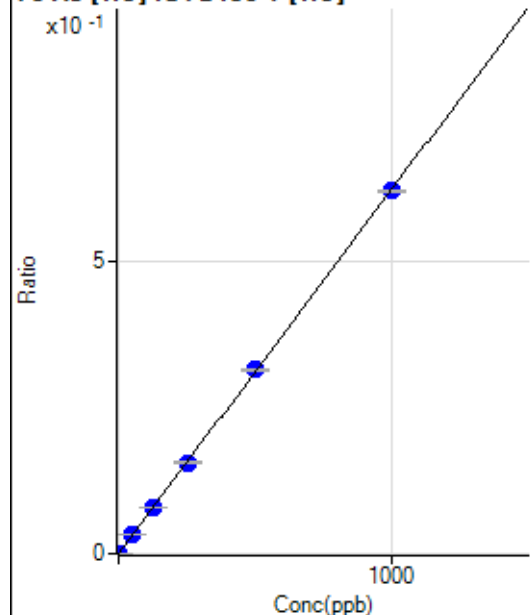
$$R = 0.9996$$

$$DL = 0.2714$$

$$BEC = 1.667$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.6
2	☐	1.000	0.955	756.70	0.0006	P	8.7
3	☐	50.000	50.988	38346.55	0.0317	P	0.5
4	☐	125.000	126.927	92063.54	0.0790	P	1.0
5	☐	250.000	250.875	179952.00	0.1562	P	1.2
6	☐	500.000	505.812	355723.54	0.3149	P	0.6
7	☐	1000.000	996.585	684703.91	0.6204	P	0.3
8	☐			396.68	0.0004	P	7.6

$$y = 6.2254E-004 * x + 3.3960E-006$$

$$R = 1.0000$$

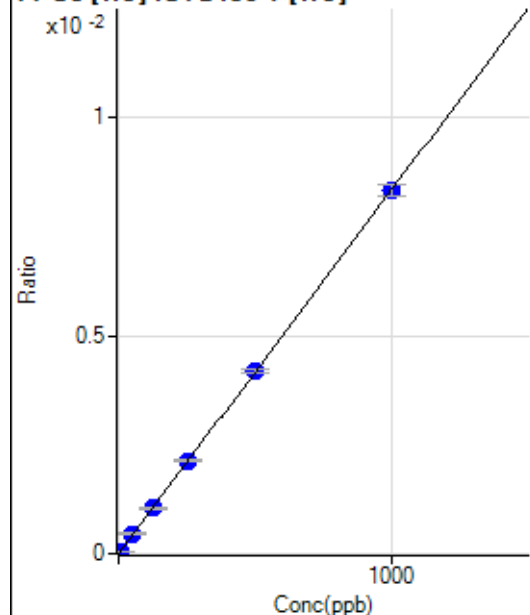
$$DL = 0.01417$$

$$BEC = 0.005455$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.574	58.89	0.0000	P	28.5
3	☐	50.000	55.220	556.68	0.0005	P	8.9
4	☐	125.000	125.093	1216.73	0.0010	P	1.6
5	☐	250.000	255.871	2461.35	0.0021	P	1.6
6	☐	500.000	501.356	4728.61	0.0042	P	1.8
7	☐	1000.000	997.579	9190.85	0.0083	P	3.1
8	☐			5.56	0.0000	P	34.8

$$y = 8.3483\text{E-}006 * x + 0.0000\text{E}+000$$

$$R = 1.0000$$

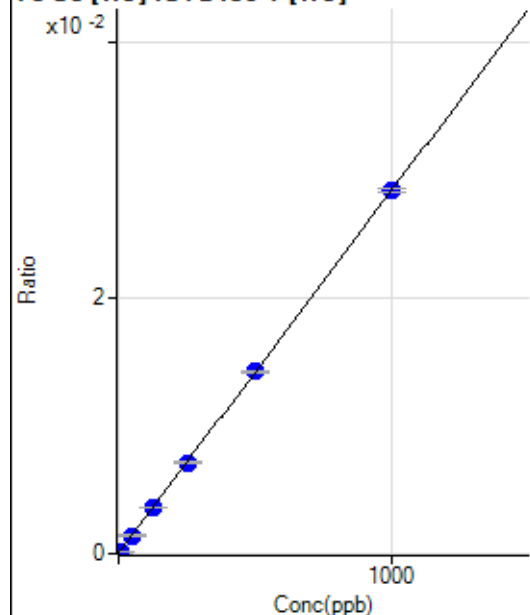
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	45.56	0.0000	P	36.4
2	☐	5.000	4.680	212.23	0.0002	P	10.4
3	☐	50.000	49.000	1722.35	0.0014	P	4.6
4	☐	125.000	126.608	4227.35	0.0036	P	2.4
5	☐	250.000	250.544	8234.71	0.0071	P	1.1
6	☐	500.000	500.950	16103.78	0.0143	P	1.3
7	☐	1000.000	999.239	31342.70	0.0284	P	1.2
8	☐			37.78	0.0000	P	30.7

$$y = 2.8387\text{E-}005 * x + 3.4901\text{E-}005$$

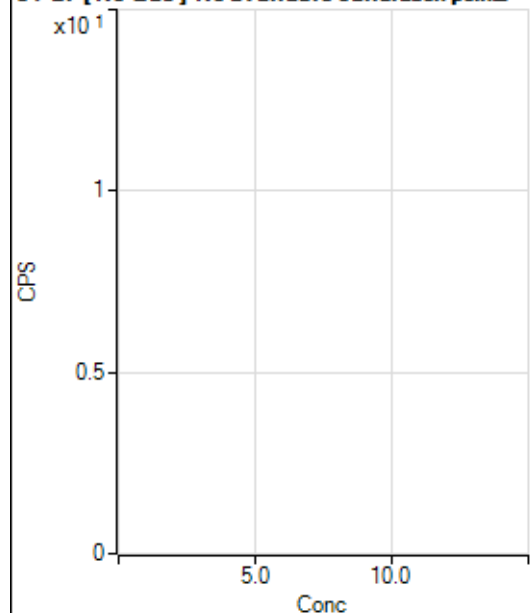
$$R = 1.0000$$

$$DL = 1.344$$

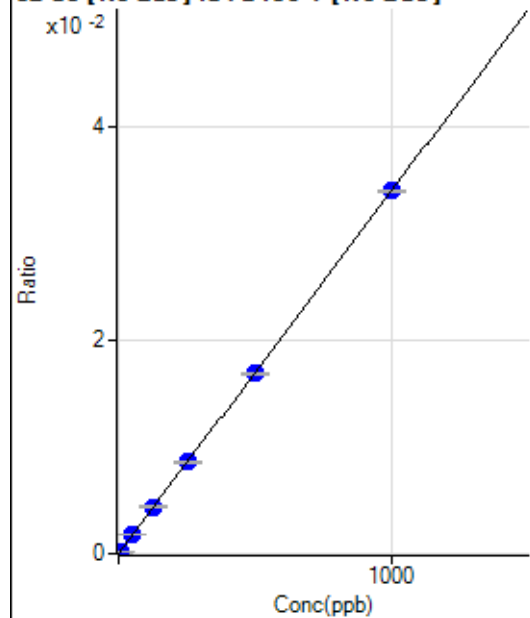
$$BEC = 1.229$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			28560.23		P	1.6
2	☐			27921.22		P	0.9
3	☐			27461.41		P	1.0
4	☐			26640.98		P	2.5
5	☐			25641.34		P	2.8
6	☐			26006.39		P	0.2
7	☐			25950.77		P	1.5
8	☐			24844.31		P	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	26.67	0.0000	P	340.
2	☐	5.000	4.908	2453.64	0.0002	P	0.3
3	☐	50.000	51.472	24760.39	0.0018	P	0.4
4	☐	125.000	129.382	60928.76	0.0044	P	0.9
5	☐	250.000	252.426	116851.62	0.0086	P	1.5
6	☐	500.000	497.448	230027.05	0.0169	P	1.3
7	☐	1000.000	1000.049	443888.06	0.0340	P	0.8
8	☐			411.14	0.0000	P	27.2

$$y = 3.3973\text{E-}005 * x + 1.8000\text{E-}006$$

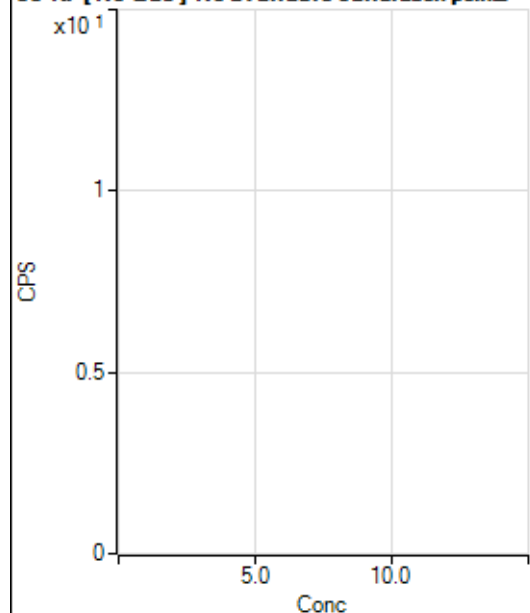
$$R = 1.0000$$

$$DL = 0.5419$$

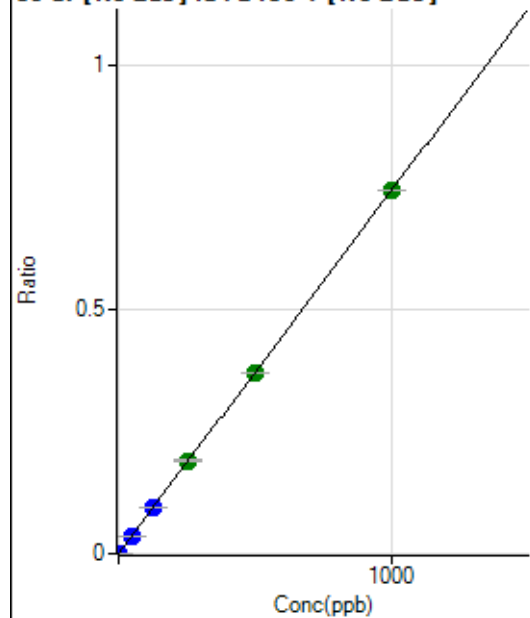
$$BEC = 0.05298$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			363.34		P	10.6
2	☐			380.01		P	7.5
3	☐			395.56		P	9.7
4	☐			364.45		P	1.4
5	☐			374.45		P	8.3
6	☐			384.45		P	5.8
7	☐			407.79		P	8.6
8	☐			390.01		P	7.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	652.24	0.0000	P	8.0
2	☐	1.000	0.945	10868.76	0.0007	P	3.1
3	☐	50.000	49.936	525842.53	0.0372	P	0.7
4	☐	125.000	125.665	1295419.10	0.0935	P	0.6
5	☐	250.000	255.942	2593459.69	0.1904	A	1.2
6	☐	500.000	498.705	5047730.20	0.3709	A	0.6
7	☐	1000.000	999.082	9707056.03	0.7430	A	0.1
8	☐			30185.93	0.0025	P	0.6

$$y = 7.4361E-004 * x + 4.4057E-005$$

$$R = 1.0000$$

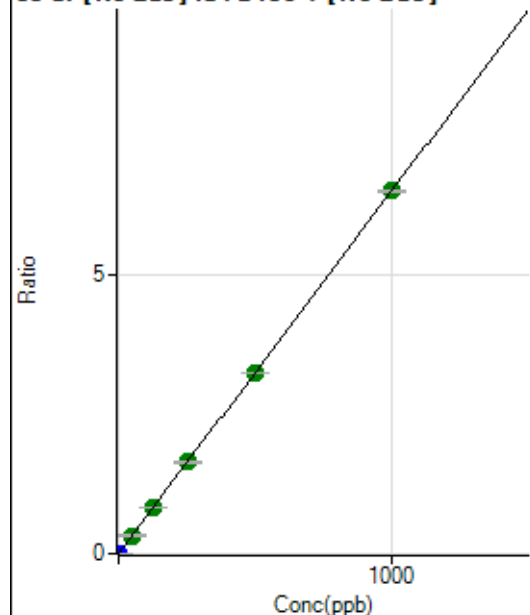
$$DL = 0.01419$$

$$BEC = 0.05925$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	652.24	0.0000	P	0.5
2	☐	1.000	0.935	89061.67	0.0061	P	0.6
3	☐	50.000	50.365	4630168.58	0.3273	A	1.4
4	☐	125.000	125.442	11296006.36	0.8152	A	0.8
5	☐	250.000	252.625	22366201.33	1.6418	A	1.4
6	☐	500.000	496.937	43952794.90	3.2295	A	0.4
7	☐	1000.000	1000.802	84971303.18	6.5039	A	0.9
8	☐			257535.37	0.0213	P	0.9

$$y = 0.0065 * x + 4.4068E-005$$

$$R = 1.0000$$

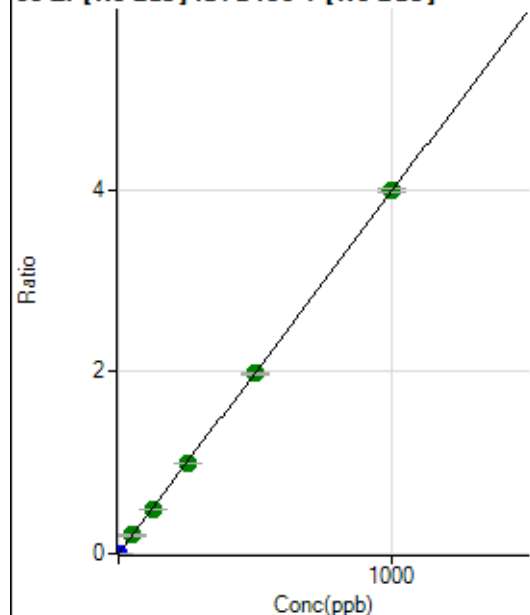
$$DL = 0.0001067$$

$$BEC = 0.006781$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	755.58	0.0001	P	5.3
2	☐	1.000	0.979	57497.82	0.0039	P	0.2
3	☐	50.000	50.547	2849096.17	0.2014	A	0.7
4	☐	125.000	124.124	6852437.89	0.4945	A	0.2
5	☐	250.000	249.823	13559512.99	0.9953	A	1.1
6	☐	500.000	496.688	26930490.16	1.9788	A	0.7
7	☐	1000.000	1001.783	52140869.22	3.9910	A	1.0
8	☐			23685.74	0.0020	P	1.4

$$y = 0.0040 * x + 5.1057E-005$$

$$R = 1.0000$$

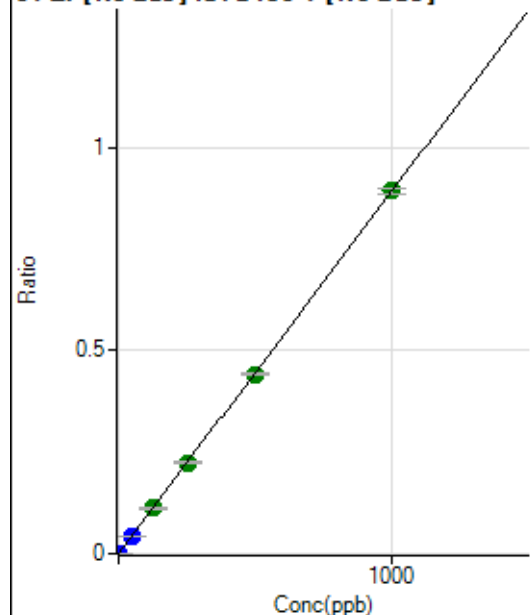
$$DL = 0.002027$$

$$BEC = 0.01282$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	115.56	0.0000	P	24.7
2	☐	1.000	0.973	12749.25	0.0009	P	1.6
3	☐	50.000	49.369	623186.87	0.0441	P	0.5
4	☐	125.000	125.261	1548702.84	0.1118	A	1.1
5	☐	250.000	251.580	3058631.10	0.2245	A	0.8
6	☐	500.000	495.207	6013715.40	0.4419	A	0.9
7	☐	1000.000	1002.001	11680156.63	0.8941	A	1.9
8	☐			5311.07	0.0004	P	1.0

$$y = 8.9228\text{E-}004 * x + 7.8111\text{E-}006$$

$$R = 1.0000$$

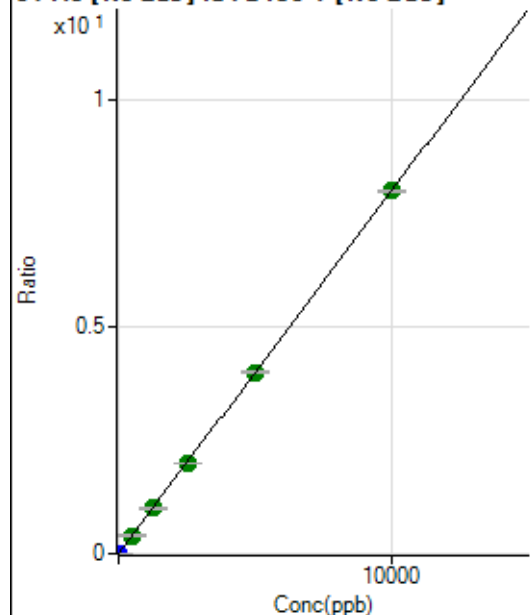
$$DL = 0.006497$$

$$BEC = 0.008754$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	366.67	0.0000	P	13.4
2	☐	5.000	5.603	65545.54	0.0045	P	0.8
3	☐	500.000	501.766	5672268.67	0.4010	A	0.9
4	☐	1250.000	1252.968	13875074.79	1.0014	A	1.3
5	☐	2500.000	2510.824	27339454.87	2.0067	A	0.6
6	☐	5000.000	4992.254	54301075.30	3.9899	A	0.9
7	☐	10000.000	10000.707	104421082.89	7.9927	A	0.8
8	☐			19322.37	0.0016	P	2.0

$$y = 7.9921\text{E-}004 * x + 2.4778\text{E-}005$$

$$R = 1.0000$$

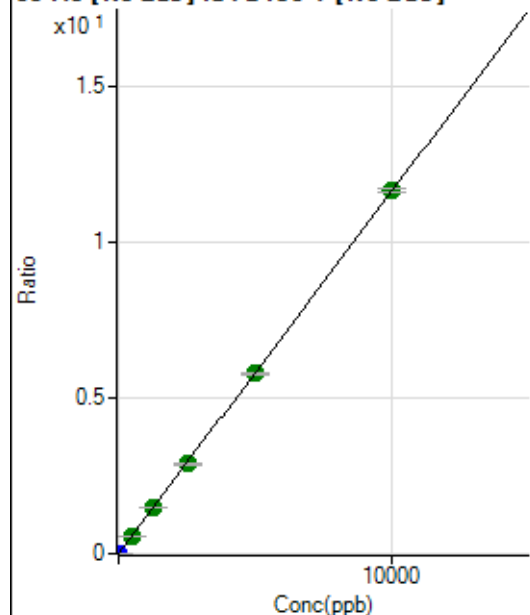
$$DL = 0.01247$$

$$BEC = 0.031$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	204.45	0.0000	P	26.6
2	☐	5.000	4.552	77296.33	0.0053	P	1.2
3	☐	500.000	496.478	8170221.41	0.5776	A	0.5
4	☐	1250.000	1253.293	20204190.95	1.4581	A	0.6
5	☐	2500.000	2484.145	39372823.58	2.8901	A	1.6
6	☐	5000.000	4967.112	78648361.61	5.7789	A	1.1
7	☐	10000.000	10020.173	152303282.18	11.6578	A	1.0
8	☐			19062.04	0.0016	P	1.1

$$y = 0.0012 * x + 1.3802E-005$$

$$R = 1.0000$$

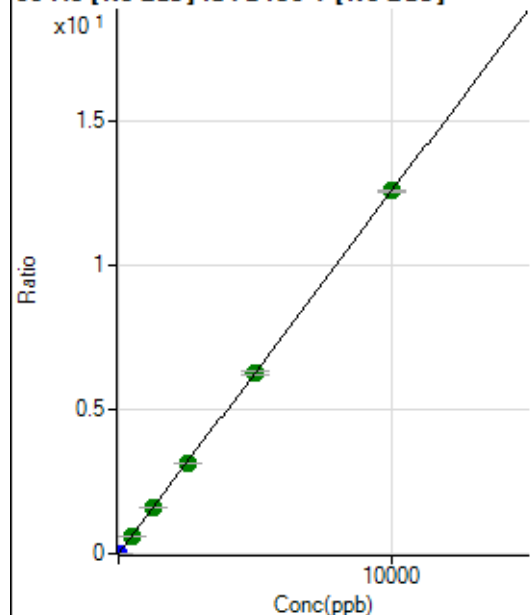
$$DL = 0.009461$$

$$BEC = 0.01186$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	233.34	0.0000	P	17.7
2	☐	5.000	4.664	85671.93	0.0059	P	1.2
3	☐	500.000	499.806	8895830.98	0.6289	A	0.8
4	☐	1250.000	1255.854	21897173.29	1.5803	A	0.4
5	☐	2500.000	2504.405	42933256.02	3.1514	A	1.1
6	☐	5000.000	4975.125	85200261.51	6.2604	A	1.8
7	☐	10000.000	10010.615	164579835.33	12.5968	A	0.5
8	☐			31964.61	0.0026	P	0.9

$$y = 0.0013 * x + 1.5762E-005$$

$$R = 1.0000$$

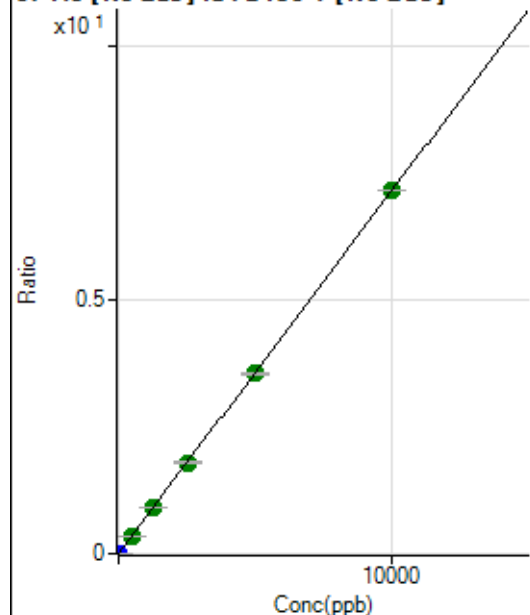
$$DL = 0.006648$$

$$BEC = 0.01253$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	122.22	0.0000	P	34.7
2	☐	5.000	4.596	47828.67	0.0033	P	0.9
3	☐	500.000	501.115	5054362.67	0.3573	A	0.6
4	☐	1250.000	1256.034	12409329.40	0.8956	A	0.8
5	☐	2500.000	2512.746	24410013.53	1.7917	A	0.9
6	☐	5000.000	4979.189	48319604.28	3.5504	A	1.1
7	☐	10000.000	10006.409	93221153.06	7.1351	A	0.2
8	☐			11056.68	0.0009	P	3.1

$$y = 7.1305\text{E-}004 * x + 8.2603\text{E-}006$$

$$R = 1.0000$$

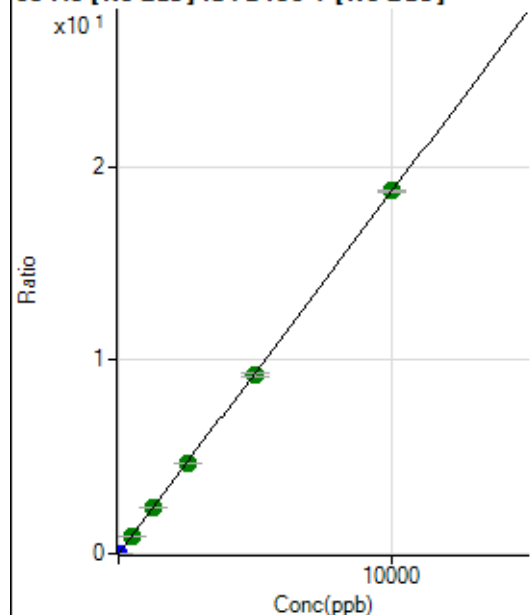
$$DL = 0.01207$$

$$BEC = 0.01158$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	265.56	0.0000	P	8.3
2	☐	5.000	4.537	123805.20	0.0085	P	0.6
3	☐	500.000	496.738	13142992.44	0.9292	A	0.7
4	☐	1250.000	1260.439	32668995.35	2.3578	A	1.1
5	☐	2500.000	2499.901	63710417.94	4.6764	A	0.7
6	☐	5000.000	4945.628	125904449.23	9.2513	A	1.7
7	☐	10000.000	10026.069	245036720.79	18.7549	A	0.2
8	☐			27735.56	0.0023	P	3.1

$$y = 0.0019 * x + 1.7941\text{E-}005$$

$$R = 1.0000$$

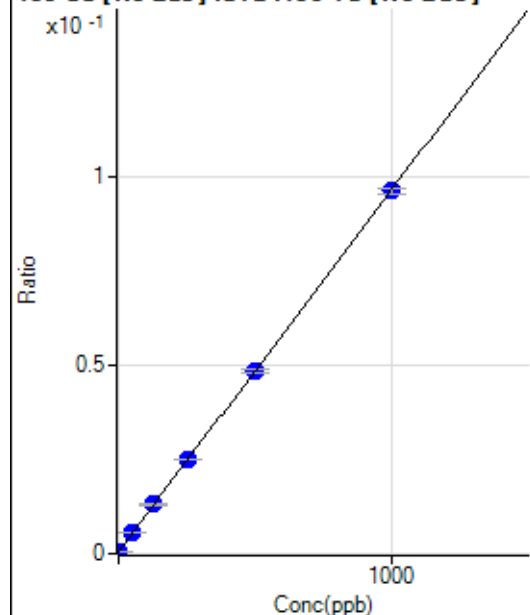
$$DL = 0.002382$$

$$BEC = 0.009591$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5358.88	0.0006	P	3.2
2	☐	1.000	1.029	6173.66	0.0007	P	2.7
3	☐	50.000	53.571	52206.01	0.0057	P	1.2
4	☐	125.000	130.589	120523.80	0.0131	P	1.9
5	☐	250.000	254.403	227848.10	0.0250	P	1.6
6	☐	500.000	500.226	442914.74	0.0486	P	2.1
7	☐	1000.000	997.909	844516.16	0.0964	P	1.3
8	☐			4588.59	0.0006	P	2.9

$$y = 9.6030\text{E-}005 * x + 5.6508\text{E-}004$$

$$R = 1.0000$$

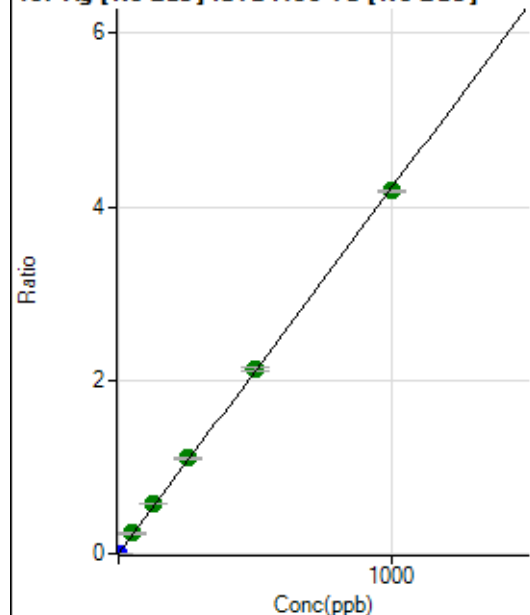
$$DL = 0.5723$$

$$BEC = 5.884$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	144.45	0.0000	P	3.3
2	☐	1.000	1.051	41313.86	0.0044	P	2.6
3	☐	50.000	55.307	2130891.34	0.2330	A	0.8
4	☐	125.000	136.096	5273435.34	0.5734	A	1.3
5	☐	250.000	261.251	10033351.38	1.1007	A	1.5
6	☐	500.000	505.817	19419346.24	2.1310	A	2.2
7	☐	1000.000	992.626	36639341.68	4.1819	A	0.5
8	☐			3413.79	0.0004	P	9.0

$$y = 0.0042 * x + 1.5224\text{E-}005$$

$$R = 0.9999$$

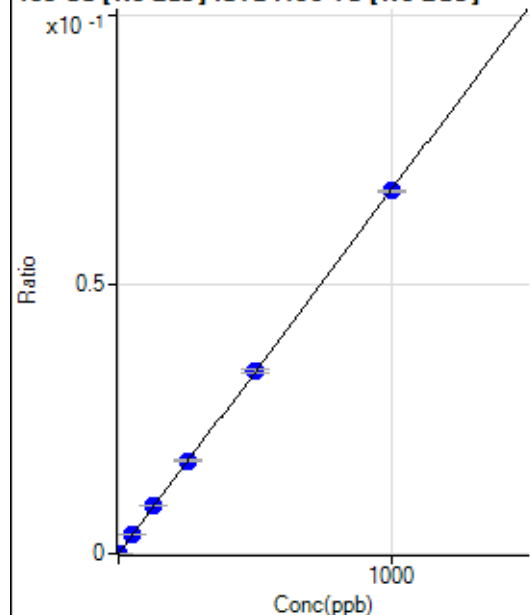
$$DL = 0.0003617$$

$$BEC = 0.003614$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	23.33	0.0000	P	16.0
2	☐	1.000	0.954	622.24	0.0001	P	7.7
3	☐	50.000	52.917	32675.40	0.0036	P	1.0
4	☐	125.000	130.678	81124.50	0.0088	P	1.8
5	☐	250.000	254.993	156891.10	0.0172	P	1.3
6	☐	500.000	501.422	308369.94	0.0338	P	2.3
7	☐	1000.000	997.185	589625.40	0.0673	P	0.7
8	☐			182.23	0.0000	P	9.7

$$y = 6.7485\text{E-}005 * x + 2.4646\text{E-}006$$

$$R = 1.0000$$

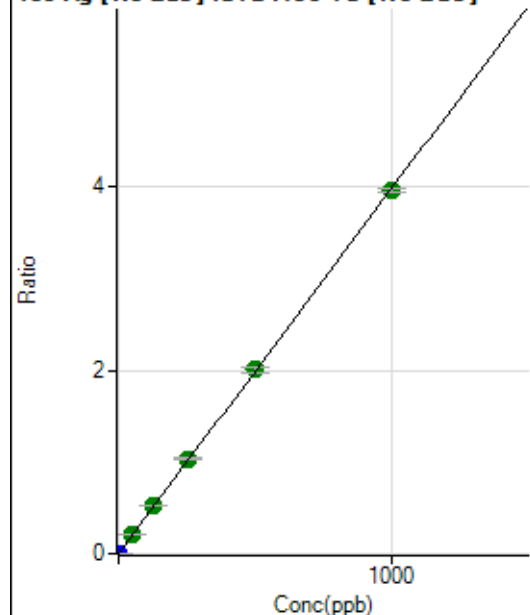
$$DL = 0.01749$$

$$BEC = 0.03652$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	51.11	0.0000	P	64.2
2	☐	1.000	1.048	38812.28	0.0042	P	0.9
3	☐	50.000	54.898	1997721.27	0.2185	A	0.6
4	☐	125.000	133.157	4873786.59	0.5299	A	1.0
5	☐	250.000	259.815	9425245.83	1.0339	A	1.4
6	☐	500.000	504.579	18296778.20	2.0080	A	2.7
7	☐	1000.000	993.992	34657443.37	3.9556	A	1.1
8	☐			3178.18	0.0004	P	9.1

$$y = 0.0040 * x + 5.3519\text{E-}006$$

$$R = 0.9999$$

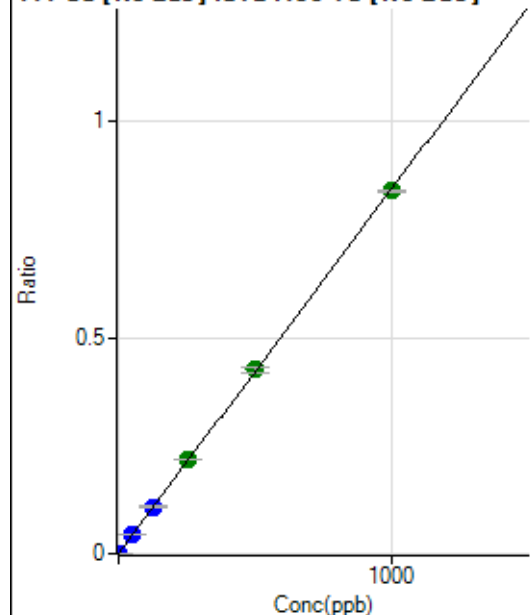
$$DL = 0.00259$$

$$BEC = 0.001345$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3755.99	0.0004	P	3.3
2	☐	1.000	0.898	10711.09	0.0012	P	1.1
3	☐	50.000	52.294	406326.27	0.0444	P	0.6
4	☐	125.000	128.419	998299.20	0.1085	P	1.3
5	☐	250.000	258.031	1984444.86	0.2177	A	1.9
6	☐	500.000	504.447	3874504.15	0.4252	A	2.8
7	☐	1000.000	995.227	7347006.14	0.8385	A	0.5
8	☐			4070.05	0.0005	P	2.4

$$y = 8.4216\text{E-}004 * x + 3.9606\text{E-}004$$

$$R = 0.9999$$

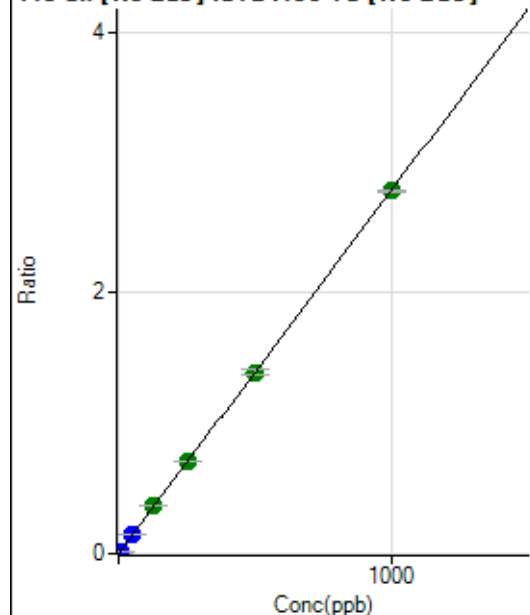
$$DL = 0.04606$$

$$BEC = 0.4703$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3030.38	0.0003	P	3.1
2	☐	5.000	4.775	126693.65	0.0136	P	1.5
3	☐	50.000	52.041	1329024.77	0.1453	P	0.9
4	☐	125.000	130.647	3351608.70	0.3644	A	0.8
5	☐	250.000	255.119	6484241.57	0.7113	A	0.9
6	☐	500.000	499.524	12687759.11	1.3924	A	2.7
7	☐	1000.000	998.151	24373982.97	2.7819	A	0.3
8	☐			7407.64	0.0009	P	3.4

$$y = 0.0028 * x + 3.1949\text{E-}004$$

$$R = 1.0000$$

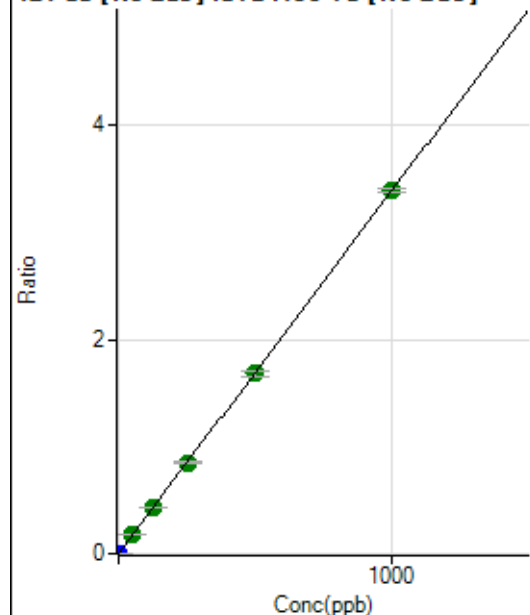
$$DL = 0.01061$$

$$BEC = 0.1146$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	112.23	0.0000	P	20.2
2	☐	2.000	1.938	61064.36	0.0066	P	0.8
3	☐	50.000	51.402	1589830.37	0.1739	A	1.4
4	☐	125.000	127.652	3971474.53	0.4318	A	0.8
5	☐	250.000	251.614	7758049.33	0.8511	A	1.8
6	☐	500.000	497.156	15322538.66	1.6816	A	2.8
7	☐	1000.000	1000.617	29653952.62	3.3845	A	0.9
8	☐			12895.06	0.0016	P	3.1

$$y = 0.0034 * x + 1.1820E-005$$

$$R = 1.0000$$

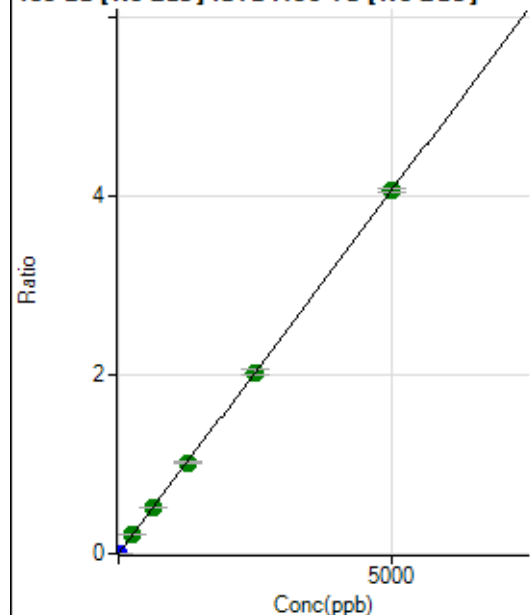
$$DL = 0.002118$$

$$BEC = 0.003495$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	155.56	0.0000	P	9.3
2	☐	10.000	9.336	70712.01	0.0076	P	0.7
3	☐	250.000	259.315	1927528.20	0.2108	A	1.3
4	☐	625.000	637.796	4768366.18	0.5185	A	1.3
5	☐	1250.000	1253.727	9288642.22	1.0191	A	3.0
6	☐	2500.000	2497.380	18496780.70	2.0301	A	3.1
7	☐	5000.000	4998.314	35597646.97	4.0630	A	1.0
8	☐			13106.43	0.0016	P	1.4

$$y = 8.1287E-004 * x + 1.6405E-005$$

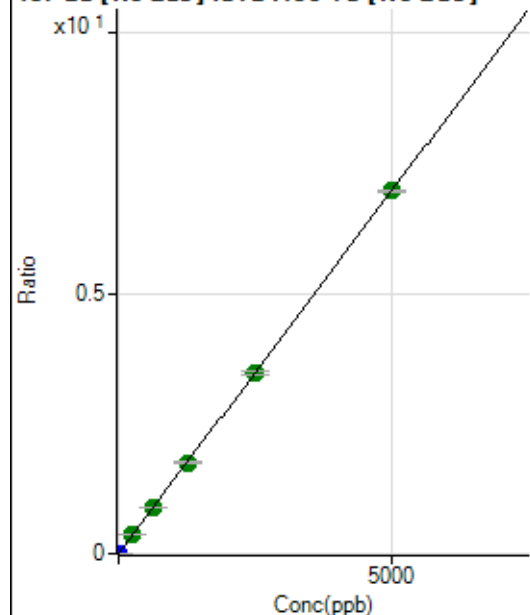
$$R = 1.0000$$

$$DL = 0.005635$$

$$BEC = 0.02018$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	241.12	0.0000	P	13.4
2	☐	10.000	9.350	121339.00	0.0131	P	1.5
3	☐	250.000	255.526	3255297.97	0.3560	A	0.7
4	☐	625.000	630.475	8078121.34	0.8783	A	1.1
5	☐	1250.000	1258.434	15982014.48	1.7531	A	1.3
6	☐	2500.000	2488.544	31589545.92	3.4667	A	2.6
7	☐	5000.000	5002.660	61058767.43	6.9691	A	0.5
8	☐			22469.84	0.0028	P	1.9

$$y = 0.0014 * x + 2.5436E-005$$

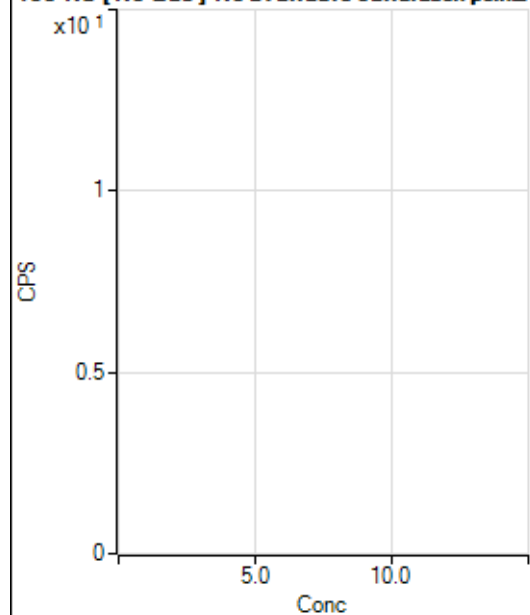
$$R = 1.0000$$

$$DL = 0.007325$$

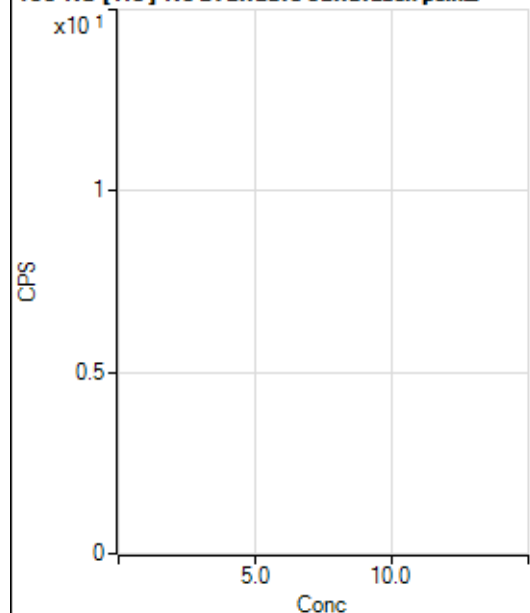
$$BEC = 0.01826$$

Weight: <None>

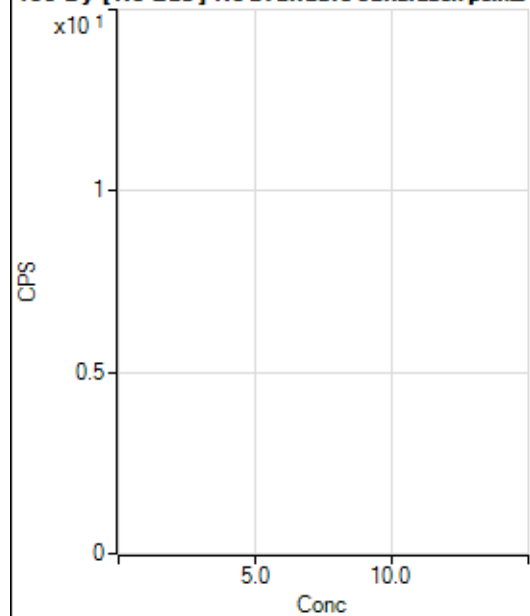
Min Conc: 0

150 Nd [No Gas] No available calibration points

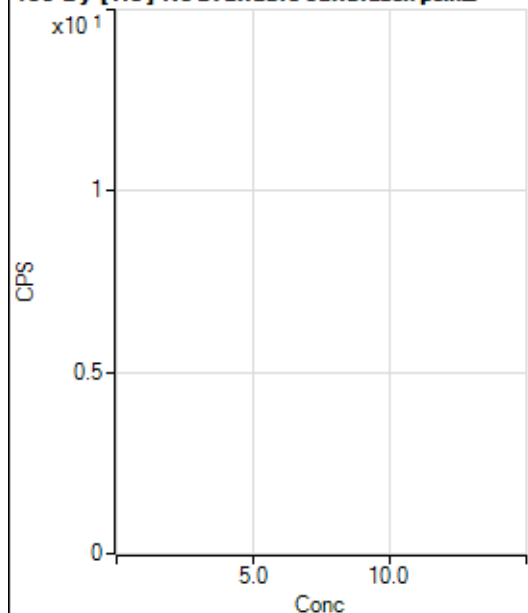
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			10.00		P	88.2
2	☐			14.44		P	35.3
3	☐			157.78		P	12.9
4	☐			344.45		P	12.3
5	☐			690.03		P	5.6
6	☐			1240.07		P	1.2
7	☐			2390.24		P	3.7
8	☐			470.01		P	1.9

150 Nd [He] No available calibration points

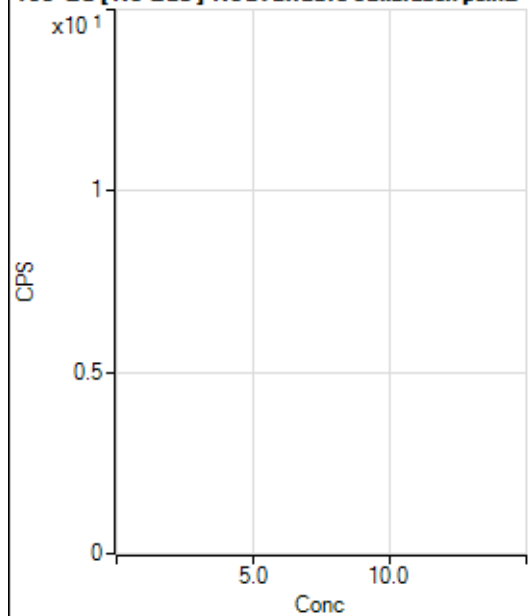
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			0.00		P	
3	☐			4.44		P	114.
4	☐			18.89		P	36.7
5	☐			32.22		P	65.7
6	☐			65.56		P	28.0
7	☐			98.89		P	8.5
8	☐			164.45		P	18.2

156 Dy [No Gas] No available calibration points

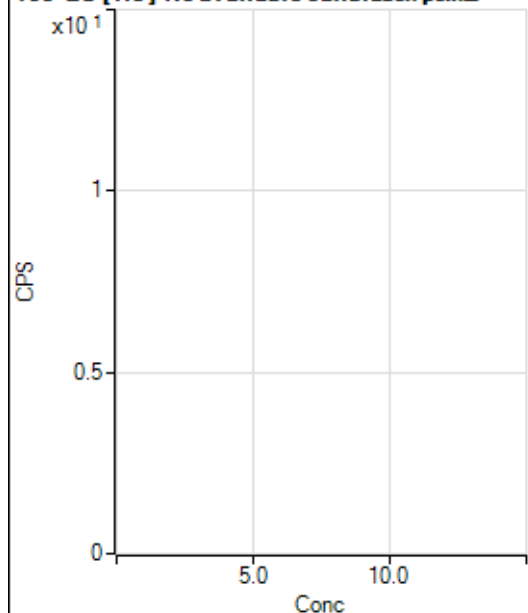
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			7.78		P	49.5
2	☐			14.44		P	70.5
3	☐			55.55		P	6.9
4	☐			106.67		P	11.3
5	☐			168.89		P	13.9
6	☐			312.23		P	8.3
7	☐			625.58		P	1.6
8	☐			994.49		P	4.8

156 Dy [He] No available calibration points

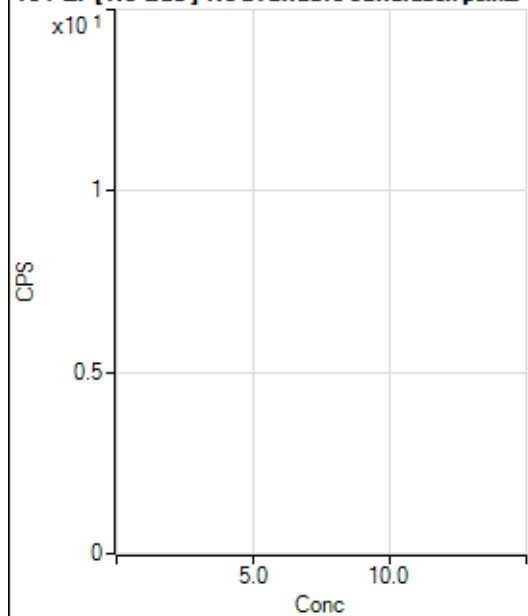
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			12.22		P	78.7
4	☐			15.56		P	12.4
5	☐			38.89		P	19.8
6	☐			48.89		P	25.8
7	☐			104.45		P	24.0
8	☐			291.12		P	4.8

160 Gd [No Gas] Noavailable calibration poin_

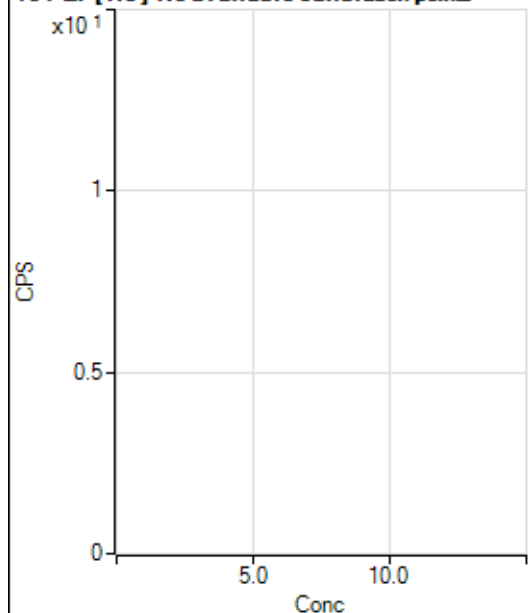
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			104.45		P	29.0
2	☐			98.89		P	22.4
3	☐			103.34		P	16.1
4	☐			105.56		P	14.2
5	☐			154.45		P	13.0
6	☐			202.23		P	5.8
7	☐			314.45		P	9.6
8	☐			845.59		P	2.7

160 Gd [He] No available calibration points

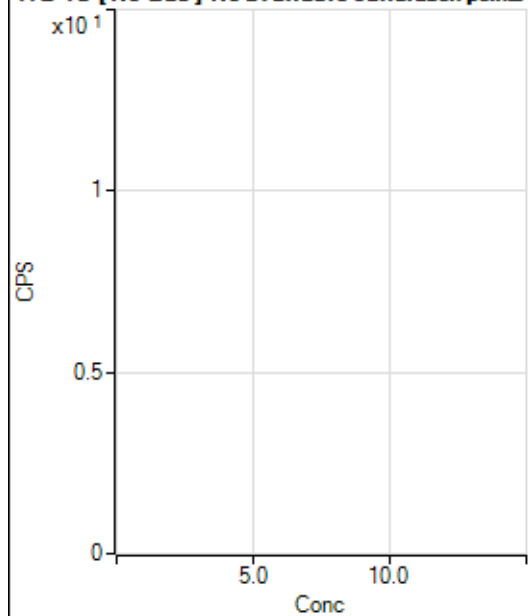
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14.44		P	53.3
2	☐			28.89		P	37.1
3	☐			32.22		P	12.0
4	☐			38.89		P	27.5
5	☐			50.00		P	20.0
6	☐			76.66		P	15.1
7	☐			114.45		P	6.1
8	☐			380.01		P	7.2

164 Er [No Gas] No available calibration points

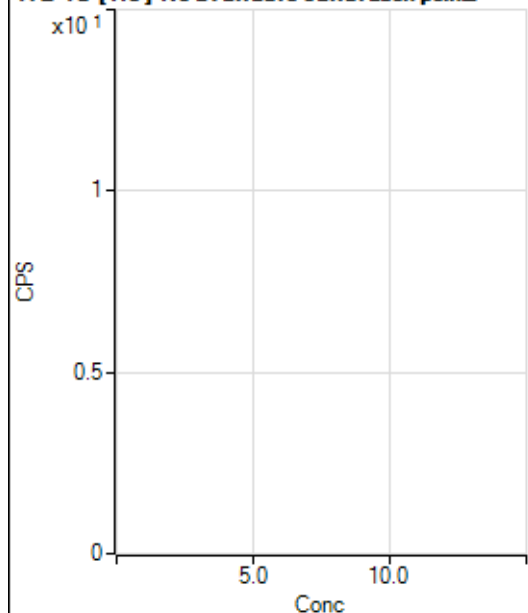
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			64.44		P	15.8
2	☐			68.89		P	24.8
3	☐			73.33		P	28.4
4	☐			108.89		P	15.7
5	☐			115.56		P	13.6
6	☐			216.67		P	8.1
7	☐			325.56		P	7.5
8	☐			1118.95		P	3.7

164 Er [He] No available calibration points

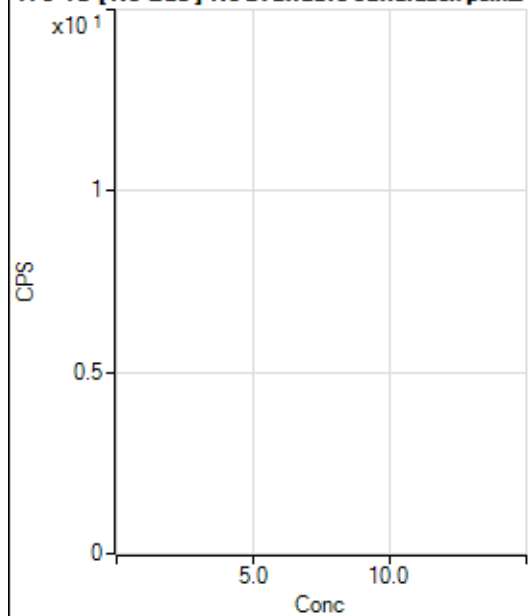
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			26.67		P	12.5
2	☐			17.78		P	10.8
3	☐			35.56		P	43.3
4	☐			47.78		P	4.0
5	☐			71.11		P	19.5
6	☐			84.44		P	6.0
7	☐			152.23		P	10.8
8	☐			490.01		P	13.6

172 Yb [No Gas] No available calibration points

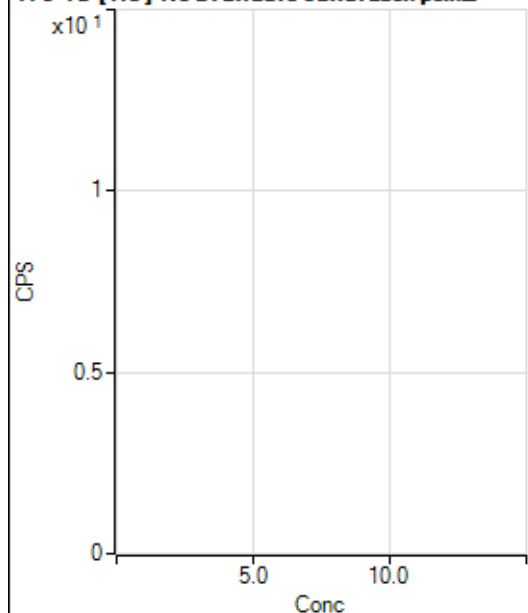
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			48.89		P	20.8
2	☐			45.56		P	11.2
3	☐			81.11		P	16.6
4	☐			106.67		P	20.5
5	☐			140.00		P	7.1
6	☐			252.23		P	8.8
7	☐			405.56		P	11.3
8	☐			1753.47		P	8.7

172 Yb [He] No available calibration points

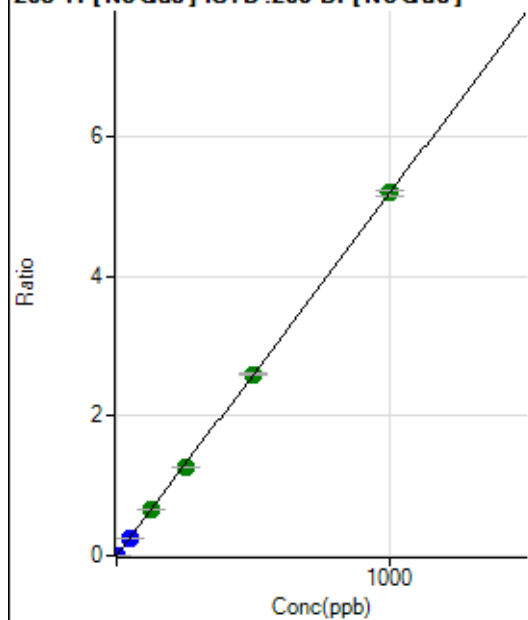
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			16.67		P	20.0
2	☐			23.33		P	24.7
3	☐			31.11		P	48.3
4	☐			54.44		P	23.2
5	☐			56.67		P	15.6
6	☐			91.11		P	4.2
7	☐			208.89		P	15.7
8	☐			825.59		P	5.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1163.40		P	8.6
2	☐			1343.41		P	2.2
3	☐			7409.92		P	1.0
4	☐			16982.14		P	2.8
5	☐			32159.12		P	1.2
6	☐			63561.82		P	0.6
7	☐			123540.07		P	1.7
8	☐			2151.31		P	9.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			404.46		P	9.6
2	☐			386.68		P	11.4
3	☐			3014.81		P	3.8
4	☐			6872.96		P	0.1
5	☐			12845.21		P	0.4
6	☐			25483.51		P	0.9
7	☐			49968.41		P	1.6
8	☐			776.70		P	4.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	142.23	0.0000	P	22.8
2	☐	1.000	0.900	25499.52	0.0047	P	2.4
3	☐	50.000	48.515	1310765.73	0.2519	P	0.3
4	☐	125.000	125.479	3422544.39	0.6515	A	0.9
5	☐	250.000	242.302	6614453.44	1.2581	A	0.5
6	☐	500.000	500.597	13121436.61	2.5991	A	0.9
7	☐	1000.000	1001.640	25083636.57	5.2006	A	1.6
8	☐			1641.23	0.0004	P	9.5

$$y = 0.0052 * x + 2.6136E-005$$

$$R = 1.0000$$

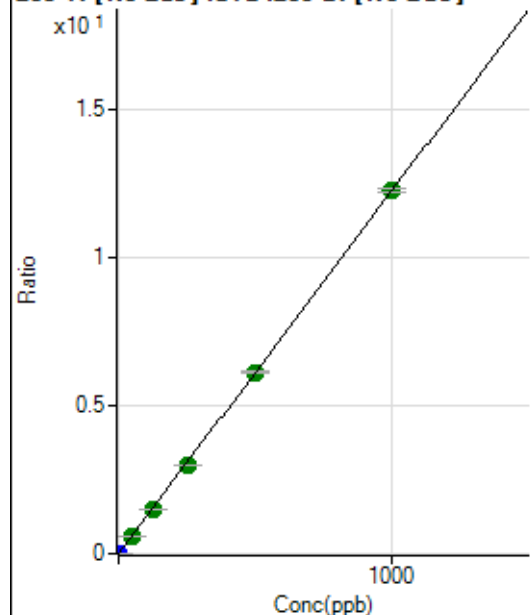
$$DL = 0.003441$$

$$BEC = 0.005034$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	325.57	0.0001	P	4.0
2	☐	1.000	0.902	60218.79	0.0111	P	1.5
3	☐	50.000	50.000	3181422.97	0.6115	A	0.6
4	☐	125.000	123.682	7945107.87	1.5124	A	0.4
5	☐	250.000	244.139	15695683.24	2.9854	A	1.1
6	☐	500.000	500.833	30916192.32	6.1242	A	1.3
7	☐	1000.000	1001.214	59051140.79	12.2428	A	1.1
8	☐			3735.03	0.0009	P	13.9

$$y = 0.0122 * x + 5.9840E-005$$

$$R = 1.0000$$

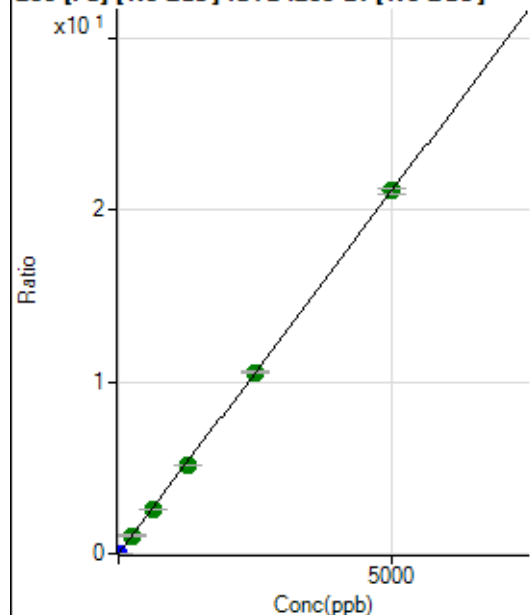
$$DL = 0.0005824$$

$$BEC = 0.004894$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1250.08	0.0002	P	6.5
2	☐	1.000	0.741	18241.81	0.0034	P	1.5
3	☐	250.000	251.457	5527347.28	1.0623	A	0.6
4	☐	625.000	617.257	13697236.60	2.6074	A	1.6
5	☐	1250.000	1227.736	27265675.98	5.1859	A	0.6
6	☐	2500.000	2504.251	53399051.43	10.5775	A	0.5
7	☐	5000.000	5004.335	101953420.71	21.1373	A	1.5
8	☐			46140.58	0.0112	P	2.0

$$y = 0.0042 * x + 2.2975E-004$$

$$R = 1.0000$$

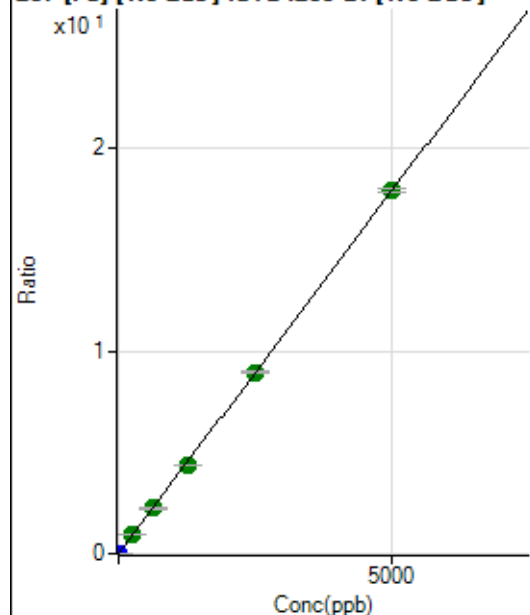
$$DL = 0.01069$$

$$BEC = 0.0544$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1071.17	0.0002	P	3.5
2	☐	1.000	0.762	15857.57	0.0029	P	2.0
3	☐	250.000	256.346	4769629.13	0.9167	A	0.8
4	☐	625.000	627.245	11781767.74	2.2427	A	1.2
5	☐	1250.000	1222.186	22974941.33	4.3698	A	0.4
6	☐	2500.000	2501.795	45153479.88	8.9447	A	1.2
7	☐	5000.000	5005.458	86317200.94	17.8959	A	1.1
8	☐			39674.01	0.0096	P	2.6

$$y = 0.0036 * x + 1.9690E-004$$

$$R = 1.0000$$

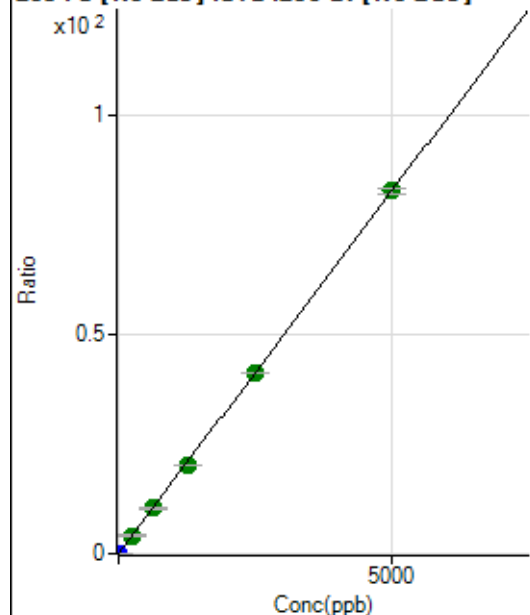
$$DL = 0.005739$$

$$BEC = 0.05507$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4909.31	0.0009	P	2.0
2	☐	1.000	0.760	73105.71	0.0135	P	0.9
3	☐	250.000	251.942	21668687.07	4.1646	A	0.8
4	☐	625.000	624.420	54215391.41	10.3204	A	0.8
5	☐	1250.000	1230.843	106954658.69	20.3424	A	0.2
6	☐	2500.000	2495.425	208198259.68	41.2415	A	0.8
7	☐	5000.000	5007.052	399125851.83	82.7499	A	1.5
8	☐			181849.68	0.0440	P	1.9

$$y = 0.0165 * x + 9.0238E-004$$

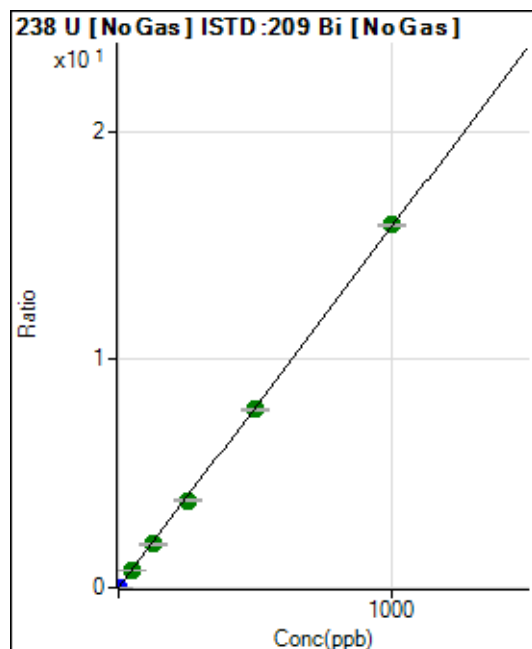
$$R = 1.0000$$

$$DL = 0.003325$$

$$BEC = 0.0546$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	143.34	0.0000	P	8.1
2	☐	1.000	0.862	74172.35	0.0137	P	1.2
3	☐	50.000	48.351	3979269.73	0.7648	A	0.8
4	☐	125.000	120.082	9977676.45	1.8993	A	1.1
5	☐	250.000	241.834	20111573.17	3.8251	A	0.7
6	☐	500.000	494.485	39484359.13	7.8212	A	1.1
7	☐	1000.000	1005.496	76713974.41	15.9038	A	0.3
8	☐			2895.92	0.0007	P	12.0

$$y = 0.0158 * x + 2.6344E-005$$

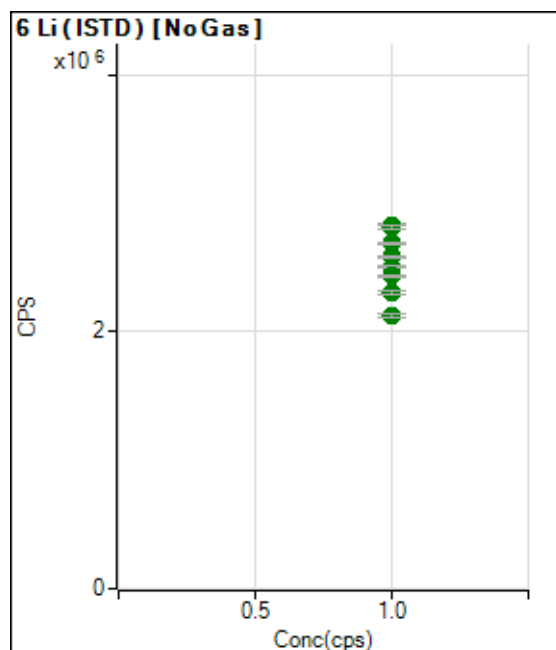
$$R = 0.9999$$

$$DL = 0.0004063$$

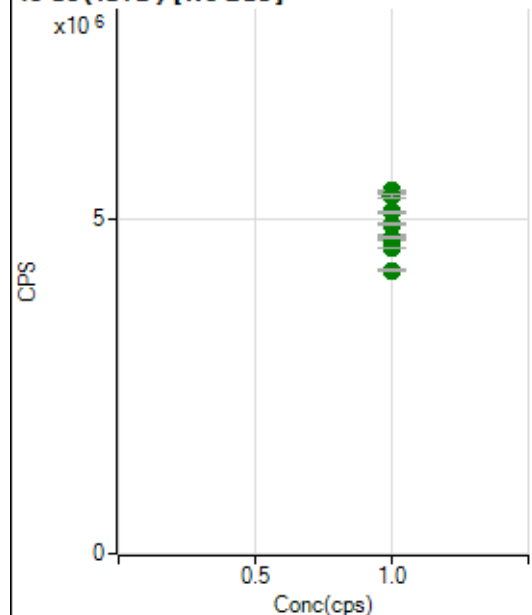
$$BEC = 0.001666$$

Weight: <None>

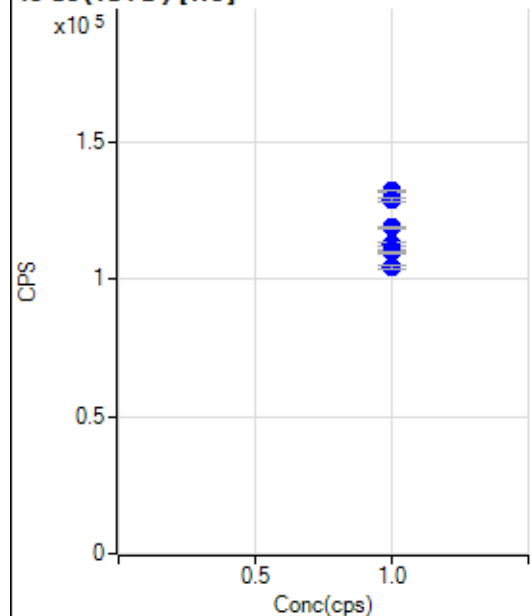
Min Conc: 0



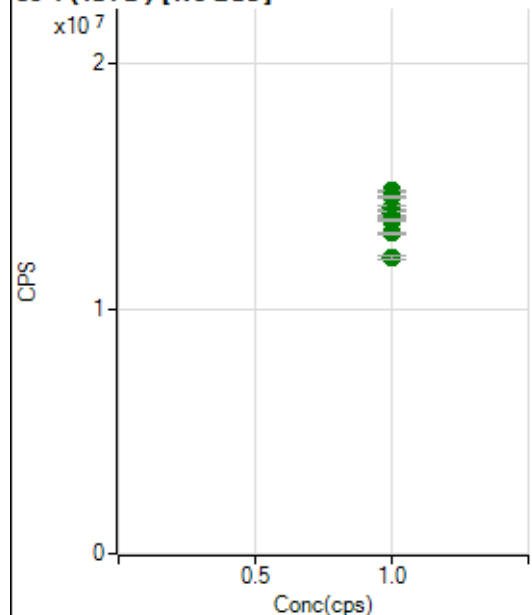
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2825389.96		A	1.4
2	☐	1.000		2816966.71		A	1.3
3	☐	1.000		2690930.57		A	0.9
4	☐	1.000		2583945.94		A	1.0
5	☐	1.000		2504870.80		A	0.6
6	☐	1.000		2436135.20		A	0.5
7	☐	1.000		2307351.58		A	1.0
8	☐	1.000		2126800.64		A	1.2

45 Sc (ISTD) [No Gas]

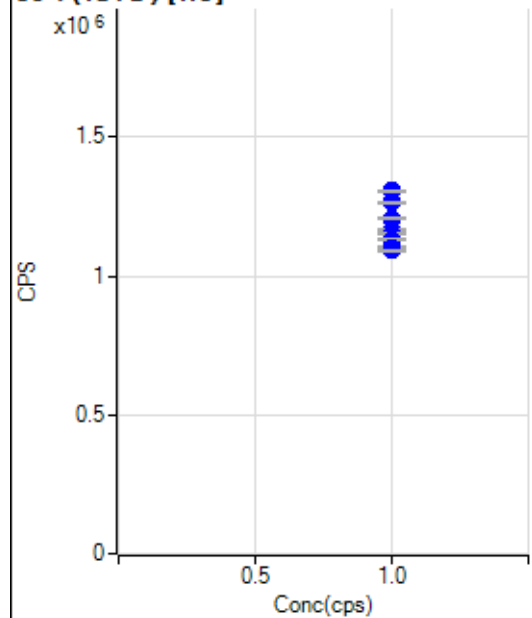
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5433870.54		A	0.7
2	☐	1.000		5359098.18		A	0.8
3	☐	1.000		5112367.98		A	0.3
4	☐	1.000		4926169.51		A	0.5
5	☐	1.000		4733800.35		A	1.9
6	☐	1.000		4727204.06		A	0.7
7	☐	1.000		4576508.68		A	0.4
8	☐	1.000		4245523.41		A	1.0

45 Sc (ISTD) [He]

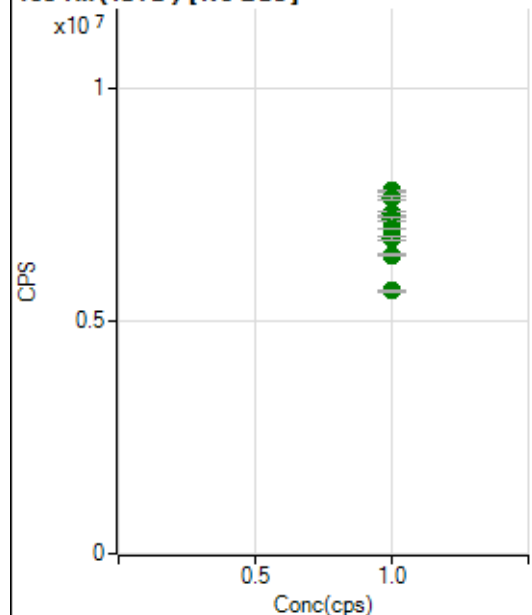
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		132137.15		P	0.6
2	☐	1.000		128631.29		P	1.0
3	☐	1.000		118916.63		P	0.8
4	☐	1.000		112841.96		P	1.2
5	☐	1.000		109920.45		P	0.6
6	☐	1.000		110578.79		P	0.8
7	☐	1.000		109741.22		P	0.7
8	☐	1.000		104352.02		P	1.1

89 Y (ISTD) [No Gas]

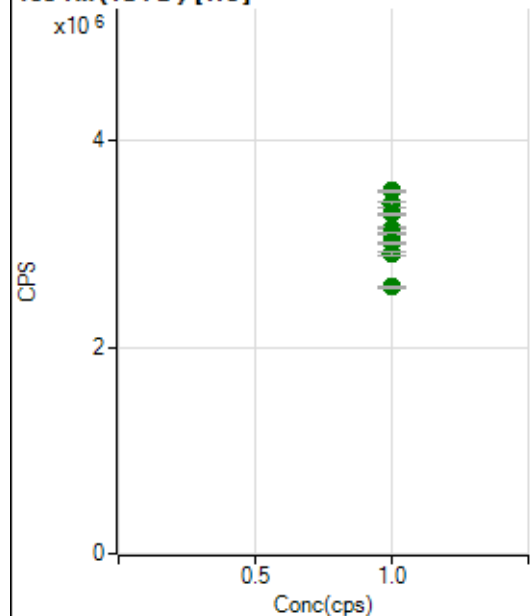
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		14801047.97		A	0.5
2	☐	1.000		14558755.89		A	1.0
3	☐	1.000		14144856.04		A	1.1
4	☐	1.000		13856413.68		A	1.2
5	☐	1.000		13624658.96		A	1.2
6	☐	1.000		13609999.10		A	0.5
7	☐	1.000		13065120.36		A	0.7
8	☐	1.000		12109055.24		A	1.3

89 Y (ISTD) [He]

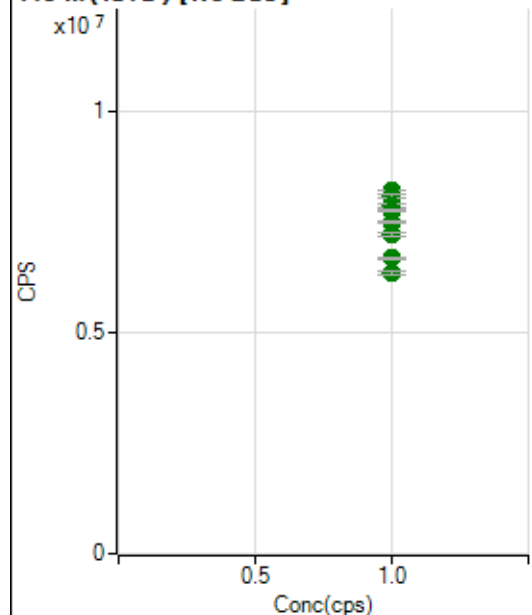
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1306918.16		P	0.5
2	☐	1.000		1265367.23		P	0.6
3	☐	1.000		1207932.35		P	0.5
4	☐	1.000		1165029.15		P	0.6
5	☐	1.000		1152219.02		P	0.4
6	☐	1.000		1129693.27		P	0.5
7	☐	1.000		1103628.38		P	0.4
8	☐	1.000		1093636.50		P	0.6

103 Rh (ISTD) [No Gas]

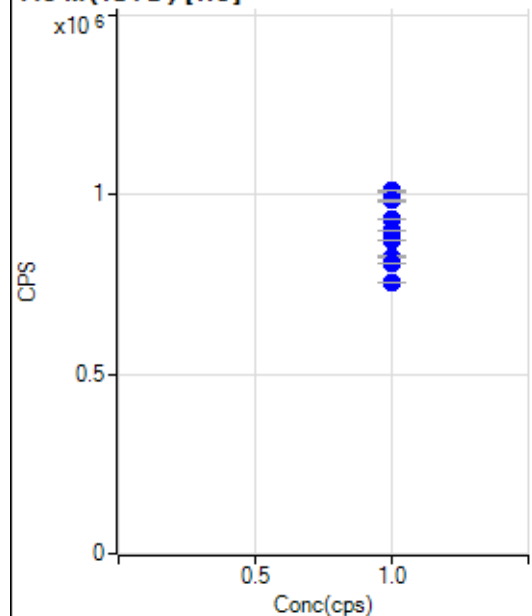
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7789733.91		A	0.5
2	☐	1.000		7654716.00		A	1.2
3	☐	1.000		7312533.92		A	1.3
4	☐	1.000		7198289.82		A	1.0
5	☐	1.000		6985888.72		A	0.1
6	☐	1.000		6788271.43		A	1.2
7	☐	1.000		6405040.18		A	0.6
8	☐	1.000		5638872.76		A	0.6

103 Rh (ISTD) [He]

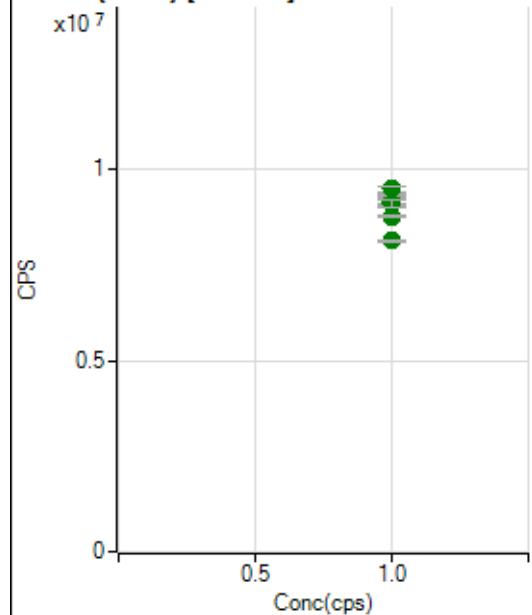
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3513810.61		A	0.8
2	☐	1.000		3384184.81		A	1.6
3	☐	1.000		3291746.72		A	0.8
4	☐	1.000		3154040.44		A	0.3
5	☐	1.000		3101287.00		A	0.6
6	☐	1.000		3014385.58		A	0.5
7	☐	1.000		2909637.18		A	1.3
8	☐	1.000		2579697.60		A	0.5

115 In (ISTD) [No Gas]

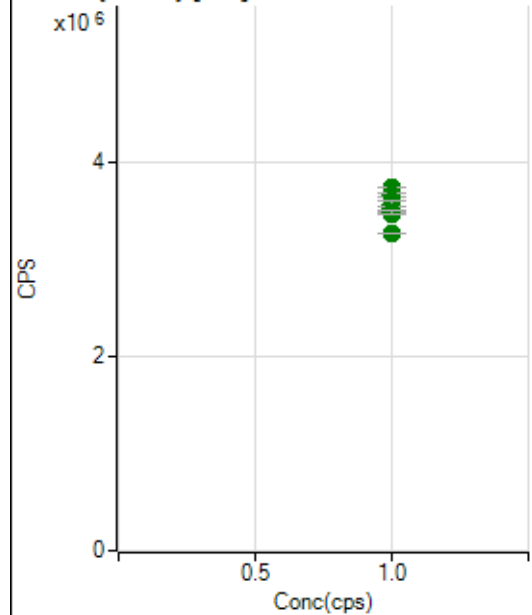
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8191437.40		A	0.2
2	☐	1.000		8073079.66		A	1.4
3	☐	1.000		7845052.63		A	1.2
4	☐	1.000		7747668.38		A	0.2
5	☐	1.000		7481960.81		A	0.2
6	☐	1.000		7207921.77		A	0.7
7	☐	1.000		6669508.63		A	1.0
8	☐	1.000		6335717.07		A	1.0

115 In (ISTD) [He]

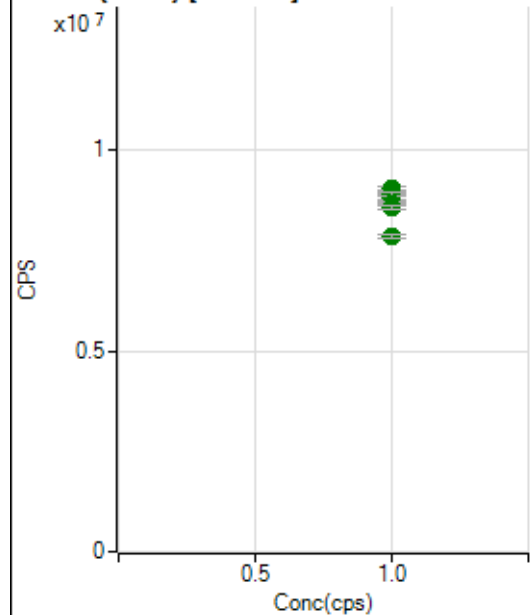
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1009175.79		P	0.7
2	☐	1.000		982267.08		P	0.4
3	☐	1.000		931344.88		P	0.3
4	☐	1.000		899740.98		P	0.3
5	☐	1.000		871596.66		P	0.3
6	☐	1.000		826076.57		P	0.2
7	☐	1.000		753835.04		P	0.1
8	☐	1.000		807419.66		P	0.2

159 Tb (ISTD) [No Gas]

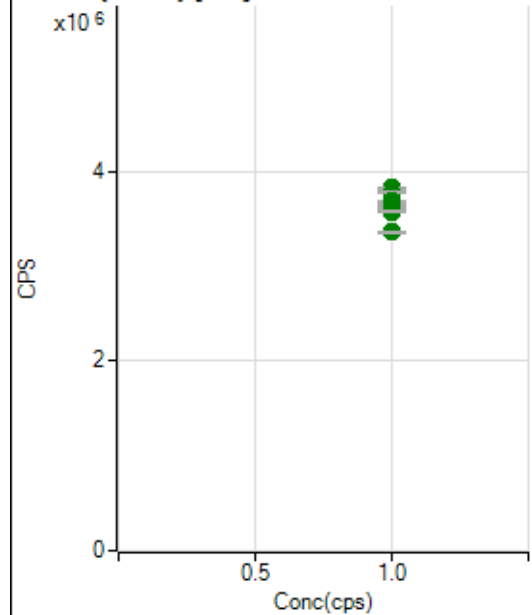
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9484936.11		A	1.7
2	☐	1.000		9298516.25		A	1.5
3	☐	1.000		9144577.78		A	1.4
4	☐	1.000		9198370.70		A	1.7
5	☐	1.000		9117409.24		A	1.9
6	☐	1.000		9115342.16		A	2.1
7	☐	1.000		8761565.57		A	0.6
8	☐	1.000		8122807.10		A	0.7

159 Tb (ISTD) [He]

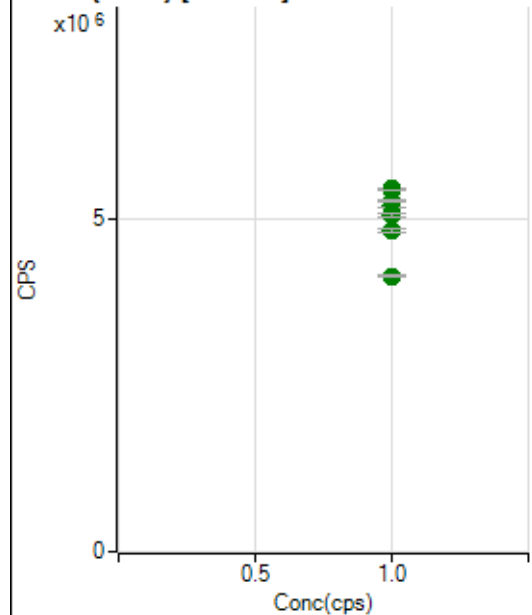
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3734641.40		A	0.1
2	☐	1.000		3662401.40		A	1.3
3	☐	1.000		3600161.61		A	0.4
4	☐	1.000		3519052.86		A	1.6
5	☐	1.000		3569948.11		A	1.7
6	☐	1.000		3473443.59		A	0.6
7	☐	1.000		3479605.57		A	1.0
8	☐	1.000		3263481.72		A	0.4

165 Ho (ISTD) [No Gas]

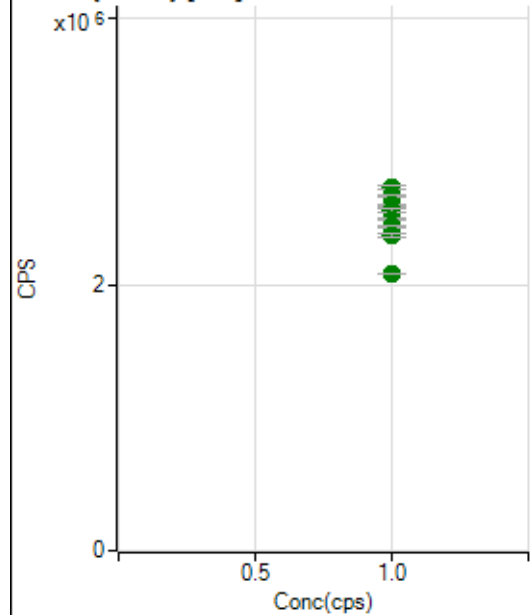
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9043288.96		A	1.7
2	☐	1.000		9013456.32		A	0.2
3	☐	1.000		8763365.29		A	0.7
4	☐	1.000		8840349.80		A	1.4
5	☐	1.000		8894162.44		A	1.1
6	☐	1.000		8698398.41		A	0.9
7	☐	1.000		8587969.04		A	1.0
8	☐	1.000		7863237.31		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3828554.88		A	0.8
2	☐	1.000		3781495.36		A	0.6
3	☐	1.000		3690953.73		A	0.4
4	☐	1.000		3662138.04		A	0.5
5	☐	1.000		3625231.78		A	0.9
6	☐	1.000		3606784.77		A	0.6
7	☐	1.000		3579145.12		A	0.2
8	☐	1.000		3367318.84		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5440216.31		A	0.3
2	☐	1.000		5428587.28		A	0.1
3	☐	1.000		5203289.96		A	1.3
4	☐	1.000		5253161.41		A	0.3
5	☐	1.000		5257715.27		A	0.5
6	☐	1.000		5048594.41		A	1.6
7	☐	1.000		4823570.76		A	1.1
8	☐	1.000		4137151.05		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2728279.47		A	0.9
2	☐	1.000		2668560.45		A	0.9
3	☐	1.000		2598223.67		A	0.9
4	☐	1.000		2562447.34		A	0.8
5	☐	1.000		2493009.46		A	1.0
6	☐	1.000		2440595.52		A	0.6
7	☐	1.000		2373040.40		A	0.9
8	☐	1.000		2083330.99		A	0.4