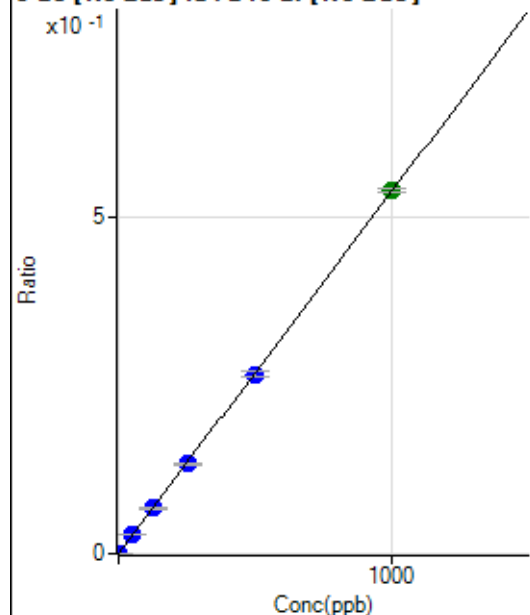


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8122121 MS.b\  
Analysis File: P8122121 MS.batch.bin  
DA Date-Time: 2021-12-22 00:29:23  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-12-21 12:40:34
2	005CALS.d	S02	2021-12-21 12:46:44
3	006CALS.d	S03	2021-12-21 12:49:50
4	007CALS.d	S04	2021-12-21 12:52:53
5	008CALS.d	S05	2021-12-21 12:55:59
6	009CALS.d	S06	2021-12-21 12:59:03
7	010CALS.d	S07	2021-12-21 13:02:08
8	011CALS.d	S08	2021-12-21 13:05:12

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

	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	88.65	0.0000	P	12.9
2	<input type="checkbox"/>	1.000	1.023	1208.48	0.0006	P	2.0
3	<input type="checkbox"/>	50.000	52.260	57246.70	0.0282	P	2.8
4	<input type="checkbox"/>	125.000	125.217	142184.75	0.0675	P	2.2
5	<input type="checkbox"/>	250.000	247.398	284775.04	0.1333	P	2.6
6	<input type="checkbox"/>	500.000	495.624	567156.95	0.2669	P	3.2
7	<input type="checkbox"/>	1000.000	1002.698	1159842.52	0.5400	A	1.0
8	<input type="checkbox"/>			776.54	0.0004	P	21.7

$$y = 5.3846\text{E-}004 * x + 4.3381\text{E-}005$$

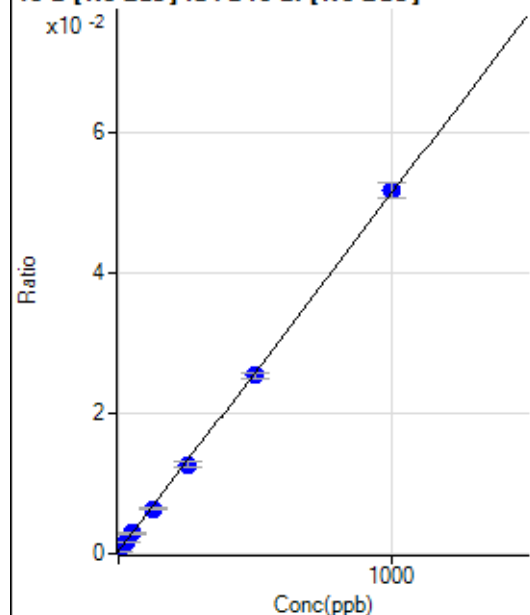
$$R = 1.0000$$

$$DL = 0.03107$$

$$BEC = 0.08057$$

Weight: &lt;None&gt;

Min Conc: 0

**10 B [No Gas] ISTD:6 Li [No Gas]**

	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	707.21	0.0003	P	3.9
2	<input type="checkbox"/>	25.000	24.120	3203.06	0.0016	P	5.2
3	<input type="checkbox"/>	50.000	50.642	5950.05	0.0029	P	4.4
4	<input type="checkbox"/>	125.000	118.661	13482.21	0.0064	P	5.3
5	<input type="checkbox"/>	250.000	242.419	27165.85	0.0127	P	6.8
6	<input type="checkbox"/>	500.000	491.549	54049.94	0.0254	P	3.7
7	<input type="checkbox"/>	1000.000	1006.903	111017.98	0.0517	P	4.4
8	<input type="checkbox"/>			14863.96	0.0072	P	11.7

$$y = 5.0990\text{E-}005 * x + 3.4632\text{E-}004$$

$$R = 0.9999$$

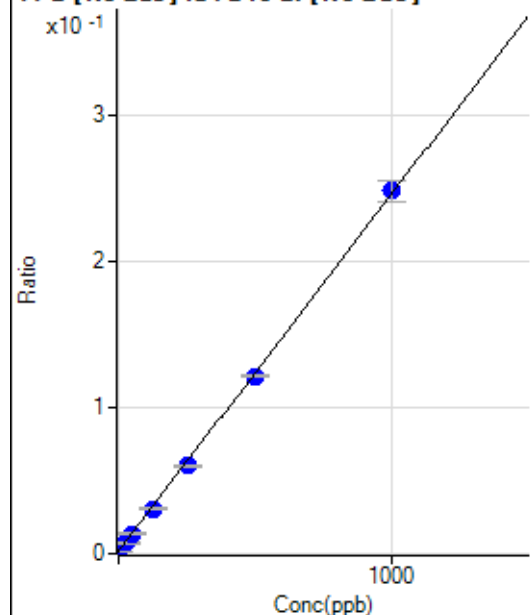
$$DL = 0.7952$$

$$BEC = 6.792$$

Weight: &lt;None&gt;

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]



	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	3618.41	0.0018	P	2.8
2	<input type="checkbox"/>	25.000	22.405	14740.51	0.0073	P	5.8
3	<input type="checkbox"/>	50.000	48.928	27928.42	0.0137	P	1.7
4	<input type="checkbox"/>	125.000	117.870	64490.48	0.0306	P	4.1
5	<input type="checkbox"/>	250.000	238.640	128563.81	0.0601	P	3.7
6	<input type="checkbox"/>	500.000	489.075	258105.23	0.1214	P	1.1
7	<input type="checkbox"/>	1000.000	1009.312	534044.96	0.2487	P	5.7
8	<input type="checkbox"/>			71286.30	0.0346	P	13.4

$$y = 2.4461\text{E-}004 * x + 0.0018$$

$$R = 0.9998$$

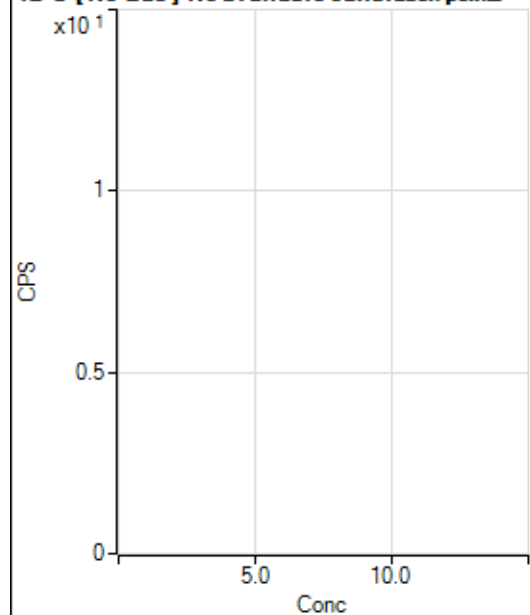
$$DL = 0.6078$$

$$BEC = 7.245$$

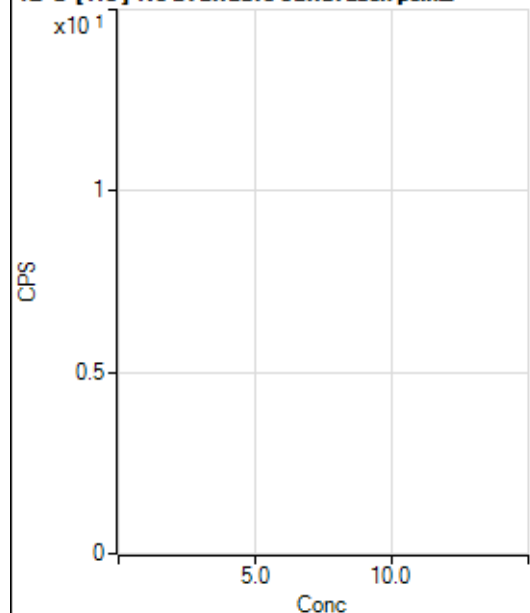
Weight: &lt;None&gt;

Min Conc: 0

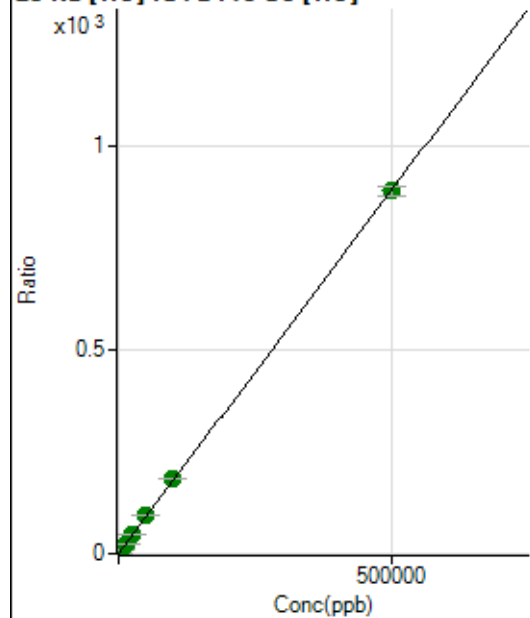
12 C [No Gas] No available calibration points



	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>			4773997.24		A	1.1
2	<input type="checkbox"/>			5131355.11		A	0.7
3	<input type="checkbox"/>			6066184.34		A	1.0
4	<input type="checkbox"/>			6536798.54		A	3.8
5	<input type="checkbox"/>			7166757.80		A	2.5
6	<input type="checkbox"/>			7959548.96		A	3.6
7	<input type="checkbox"/>			9344510.19		A	4.3
8	<input type="checkbox"/>			7128407.37		A	1.5

**12 C [He] No available calibration points**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			48012.60		P	1.8
2	<input type="checkbox"/>			50668.91		P	2.2
3	<input type="checkbox"/>			62625.80		P	0.8
4	<input type="checkbox"/>			66970.05		P	1.6
5	<input type="checkbox"/>			73955.80		P	1.4
6	<input type="checkbox"/>			85239.11		P	1.6
7	<input type="checkbox"/>			104666.15		P	1.8
8	<input type="checkbox"/>			74271.59		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	25222.26	0.1992	P	1.4
2	<input type="checkbox"/>	500.000	470.931	129875.00	1.0378	P	0.7
3	<input type="checkbox"/>	5000.000	5342.500	1213576.34	9.7123	A	1.4
4	<input type="checkbox"/>	12500.000	13077.548	2946281.68	23.4857	A	1.8
5	<input type="checkbox"/>	25000.000	25892.276	5758905.55	46.3042	A	1.5
6	<input type="checkbox"/>	50000.000	51996.181	11529187.24	92.7861	A	0.1
7	<input type="checkbox"/>	100000.00	102643.23	23109799.48	182.9706	A	0.3
8	<input type="checkbox"/>	500000.00	499209.28	106492140.5	889.1146	A	2.4

$$y = 0.0018 * x + 0.1992$$

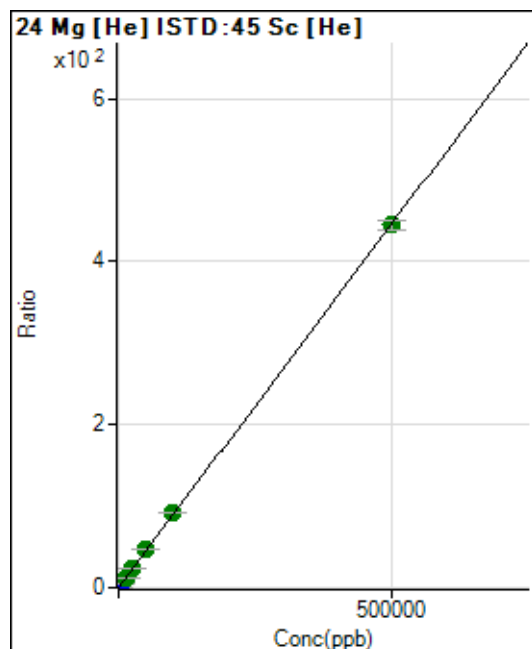
$$R = 1.0000$$

$$DL = 4.818$$

$$BEC = 111.9$$

Weight: &lt;None&gt;

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	686.14	0.0054	P	12.9
2	<input type="checkbox"/>	500.000	474.151	53594.25	0.4282	P	1.1
3	<input type="checkbox"/>	5000.000	5347.146	596451.99	4.7733	P	0.6
4	<input type="checkbox"/>	12500.000	13418.966	1501778.94	11.9706	A	1.6
5	<input type="checkbox"/>	25000.000	26609.363	2951453.12	23.7320	A	1.5
6	<input type="checkbox"/>	50000.000	52315.090	5796742.93	46.6528	A	0.7
7	<input type="checkbox"/>	100000.00	103041.10	11605911.80	91.8833	A	1.2
8	<input type="checkbox"/>	500000.00	499053.38	53289094.94	444.9924	A	2.8

$$y = 8.9166\text{E-}004 * x + 0.0054$$

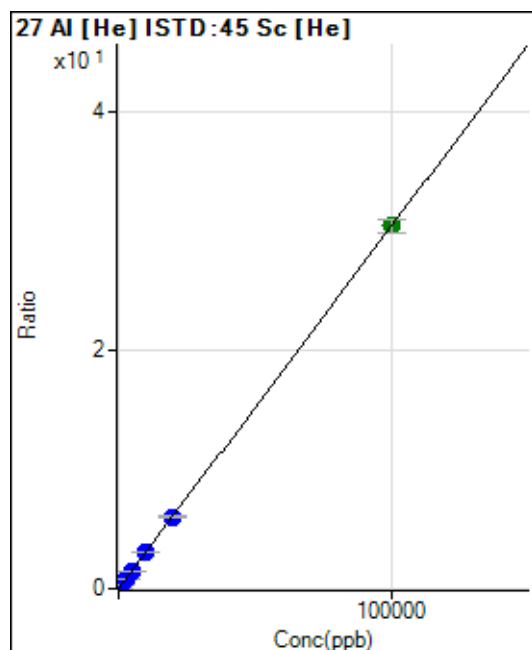
$$R = 1.0000$$

$$DL = 2.351$$

$$BEC = 6.083$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	123.74	0.0010	P	12.2
2	<input type="checkbox"/>	20.000	19.202	852.42	0.0068	P	4.6
3	<input type="checkbox"/>	1000.000	1018.421	38797.78	0.3105	P	0.8
4	<input type="checkbox"/>	2500.000	2500.544	95461.61	0.7609	P	1.3
5	<input type="checkbox"/>	5000.000	4978.208	188295.99	1.5139	P	0.8
6	<input type="checkbox"/>	10000.000	10043.028	379379.07	3.0532	P	0.7
7	<input type="checkbox"/>	20000.000	19794.988	759921.29	6.0169	P	1.1
8	<input type="checkbox"/>	100000.00	100037.59	3640531.42	30.4034	A	3.4

$$y = 3.0391\text{E-}004 * x + 9.7745\text{E-}004$$

$$R = 1.0000$$

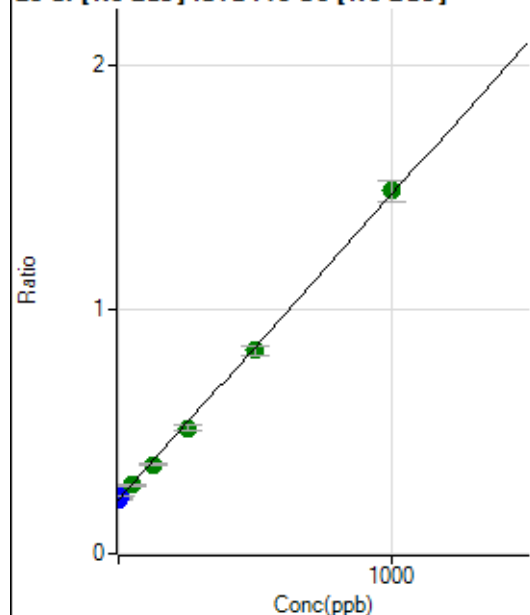
$$DL = 1.178$$

$$BEC = 3.216$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	769735.16	0.2220	P	2.1
2	<input type="checkbox"/>	10.000	10.449	794746.76	0.2350	P	2.1
3	<input type="checkbox"/>	50.000	46.183	953893.07	0.2796	A	1.4
4	<input type="checkbox"/>	125.000	112.137	1261397.30	0.3620	A	2.2
5	<input type="checkbox"/>	250.000	234.637	1789259.42	0.5148	A	4.9
6	<input type="checkbox"/>	500.000	488.352	2905079.21	0.8315	A	4.9
7	<input type="checkbox"/>	1000.000	1011.459	5227568.08	1.4844	A	5.5
8	<input type="checkbox"/>			1549994.69	0.4474	A	5.1

$$y = 0.0012 * x + 0.2220$$

$$R = 0.9997$$

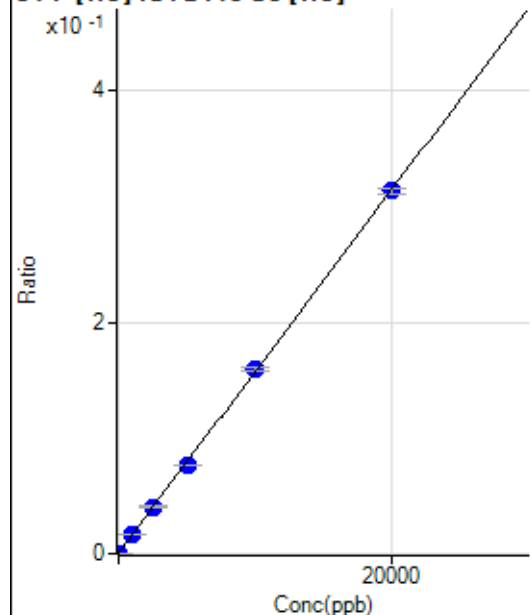
$$DL = 11.02$$

$$BEC = 177.9$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	-0.168	75.01	0.0006	P	20.4
2	<input type="checkbox"/>	0.000	0.168	75.00	0.0006	P	39.6
3	<input type="checkbox"/>	1000.000	1031.549	2094.65	0.0168	P	5.8
4	<input type="checkbox"/>	2500.000	2539.669	5067.71	0.0404	P	2.3
5	<input type="checkbox"/>	5000.000	4877.787	9581.16	0.0770	P	0.3
6	<input type="checkbox"/>	10000.000	10140.704	19819.64	0.1595	P	1.5
7	<input type="checkbox"/>	20000.000	19953.665	39565.93	0.3133	P	1.9
8	<input type="checkbox"/>			86.11	0.0007	P	29.2

$$y = 1.5670E-005 * x + 5.9615E-004$$

$$R = 0.9999$$

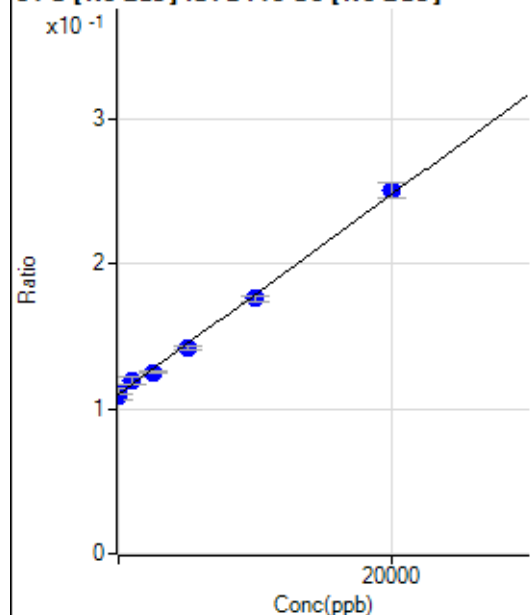
$$DL = 34.32$$

$$BEC = 38.04$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	-240.457	376693.88	0.1087	P	3.3
2	<input type="checkbox"/>	0.000	240.457	378592.72	0.1120	P	3.2
3	<input type="checkbox"/>	1000.000	1351.072	407916.54	0.1196	P	3.5
4	<input type="checkbox"/>	2500.000	2205.157	437427.40	0.1255	P	1.3
5	<input type="checkbox"/>	5000.000	4553.992	492774.17	0.1418	P	1.6
6	<input type="checkbox"/>	10000.000	9579.924	616575.49	0.1764	P	2.0
7	<input type="checkbox"/>	20000.000	20340.842	882131.94	0.2507	P	4.1
8	<input type="checkbox"/>			355967.27	0.1027	P	4.6

$$y = 6.9021\text{E-}006 * x + 0.1103$$

R = 0.9988

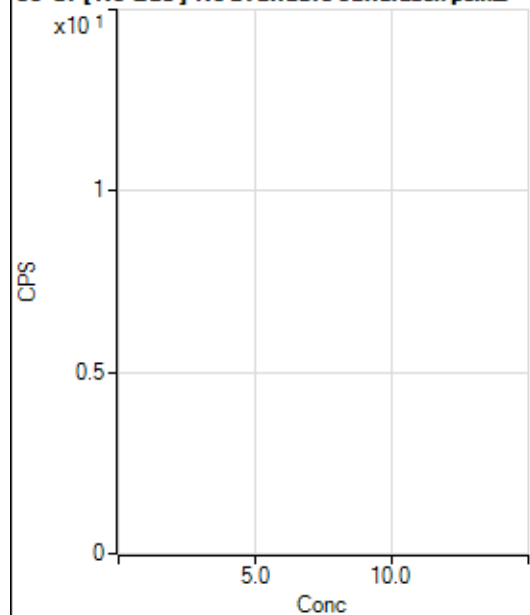
DL = 1546

BEC = 1.598E+04

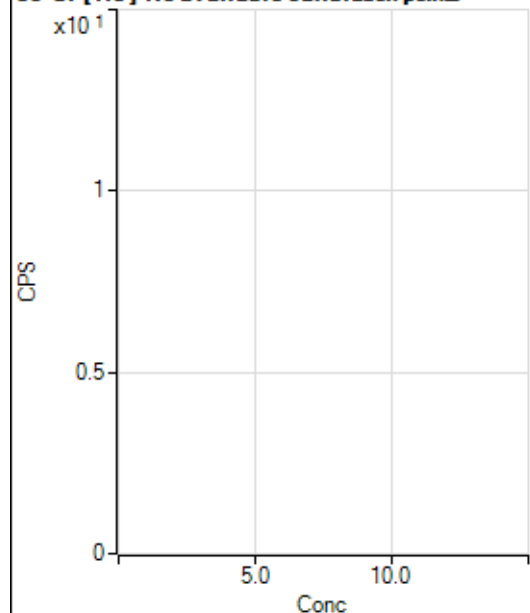
Weight: &lt;None&gt;

Min Conc: 0

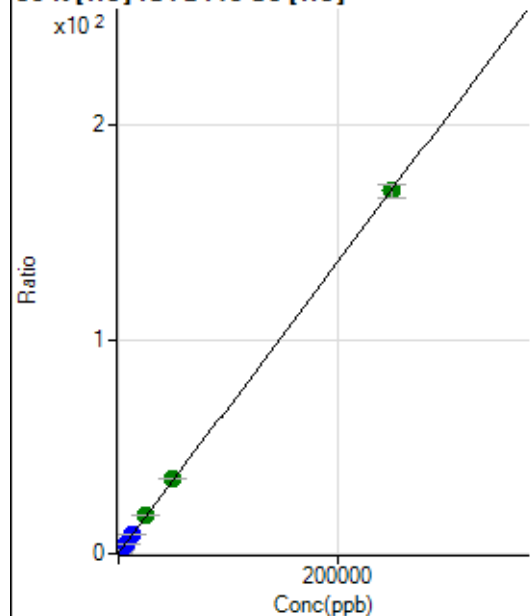
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			481213.46		P	0.8
2	<input type="checkbox"/>			421002.73		P	1.7
3	<input type="checkbox"/>			412679.31		P	1.3
4	<input type="checkbox"/>			399721.90		P	0.3
5	<input type="checkbox"/>			383218.46		P	2.1
6	<input type="checkbox"/>			374121.91		P	2.2
7	<input type="checkbox"/>			355591.87		P	0.8
8	<input type="checkbox"/>			345309.49		P	0.9

**35 Cl [He] No available calibration points**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			3770.03		P	5.8
2	<input type="checkbox"/>			2711.44		P	7.5
3	<input type="checkbox"/>			2889.27		P	5.1
4	<input type="checkbox"/>			2739.22		P	2.7
5	<input type="checkbox"/>			2572.52		P	7.7
6	<input type="checkbox"/>			2519.73		P	4.5
7	<input type="checkbox"/>			2358.59		P	0.7
8	<input type="checkbox"/>			2650.30		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	20206.22	0.1596	P	1.9
2	<input type="checkbox"/>	500.000	464.748	59406.16	0.4747	P	1.8
3	<input type="checkbox"/>	2500.000	2635.720	243220.70	1.9466	P	1.0
4	<input type="checkbox"/>	6250.000	6457.288	569267.28	4.5374	P	0.4
5	<input type="checkbox"/>	12500.000	12880.008	1105856.39	8.8918	P	1.9
6	<input type="checkbox"/>	25000.000	26575.936	2258529.52	18.1772	A	1.5
7	<input type="checkbox"/>	50000.000	51486.611	4428765.42	35.0659	A	1.4
8	<input type="checkbox"/>	250000.00	249519.61	20274577.19	169.3257	A	3.7

$$y = 6.7797E-004 * x + 0.1596$$

$$R = 1.0000$$

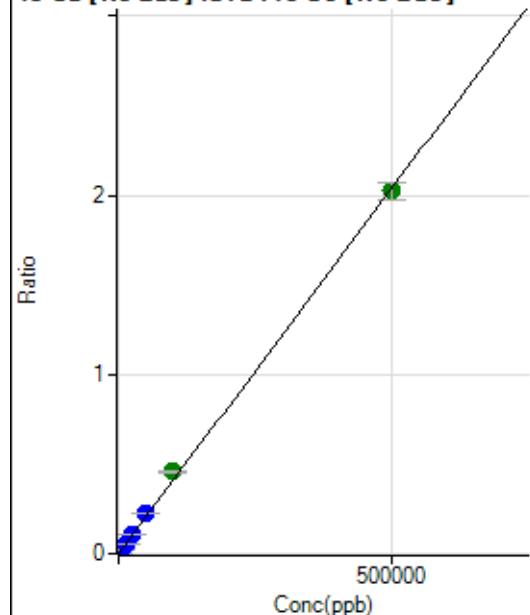
$$DL = 13.65$$

$$BEC = 235.4$$

Weight: &lt;None&gt;

Min Conc: 0



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

	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	197.48	0.0001	P	7.2
2	<input type="checkbox"/>	500.000	471.410	6683.23	0.0020	P	3.3
3	<input type="checkbox"/>	5000.000	5478.492	76271.76	0.0224	P	2.9
4	<input type="checkbox"/>	12500.000	13510.368	191915.02	0.0551	P	1.7
5	<input type="checkbox"/>	25000.000	27089.774	383750.90	0.1104	P	1.3
6	<input type="checkbox"/>	50000.000	54354.845	773841.68	0.2214	P	1.2
7	<input type="checkbox"/>	100000.00	112347.13	1610470.14	0.4576	A	3.1
8	<input type="checkbox"/>	500000.00	496960.58	7013270.75	2.0241	A	4.8

$$y = 4.0729E-006 * x + 5.6909E-005$$

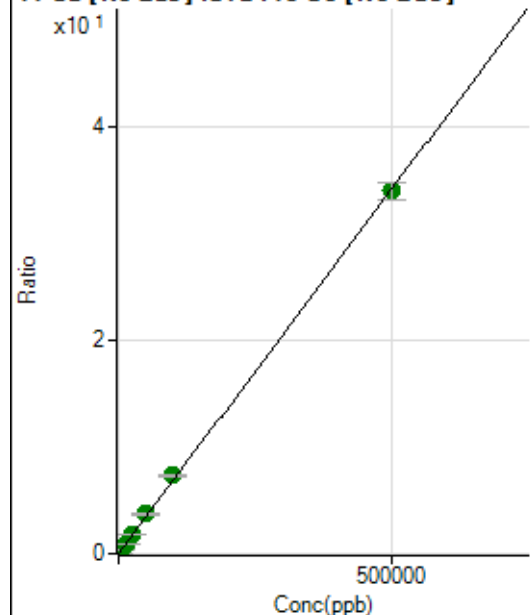
$$R = 0.9997$$

$$DL = 3.012$$

$$BEC = 13.97$$

Weight: &lt;None&gt;

Min Conc: 0

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

	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	24232.43	0.0070	P	2.0
2	<input type="checkbox"/>	500.000	477.008	133686.29	0.0395	P	3.1
3	<input type="checkbox"/>	5000.000	5495.538	1303400.67	0.3821	A	1.1
4	<input type="checkbox"/>	12500.000	13587.267	3255124.26	0.9343	A	2.7
5	<input type="checkbox"/>	25000.000	26806.851	6384263.23	1.8365	A	1.4
6	<input type="checkbox"/>	50000.000	54127.034	12934444.67	3.7011	A	0.9
7	<input type="checkbox"/>	100000.00	107606.82	25872622.01	7.3511	A	2.7
8	<input type="checkbox"/>	500000.00	497943.47	117773910.1	33.9912	A	4.8

$$y = 6.8249E-005 * x + 0.0070$$

$$R = 0.9999$$

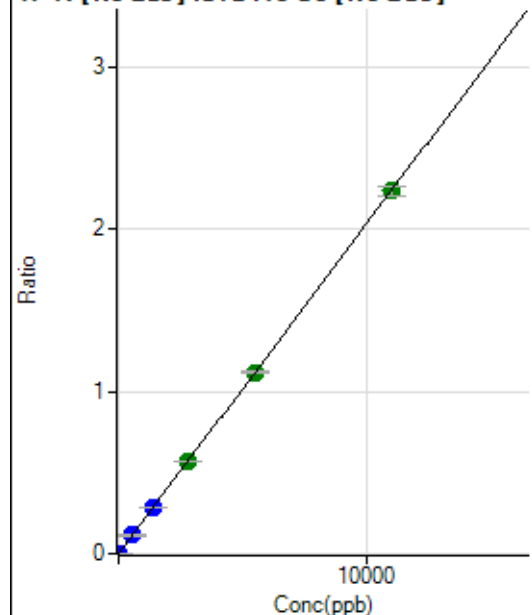
$$DL = 6.063$$

$$BEC = 102.4$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	205.56	0.0001	P	17.7
2	<input type="checkbox"/>	5.000	5.181	3767.29	0.0011	P	2.7
3	<input type="checkbox"/>	550.000	557.260	387153.51	0.1135	P	2.2
4	<input type="checkbox"/>	1375.000	1388.807	985588.54	0.2828	P	1.3
5	<input type="checkbox"/>	2750.000	2794.693	1978872.27	0.5691	A	1.7
6	<input type="checkbox"/>	5500.000	5497.436	3912399.26	1.1194	A	1.0
7	<input type="checkbox"/>	11000.000	10988.020	7877377.26	2.2374	A	2.6
8	<input type="checkbox"/>			4429.19	0.0013	P	14.9

$$y = 2.0362\text{E-}004 * x + 5.9381\text{E-}005$$

$$R = 1.0000$$

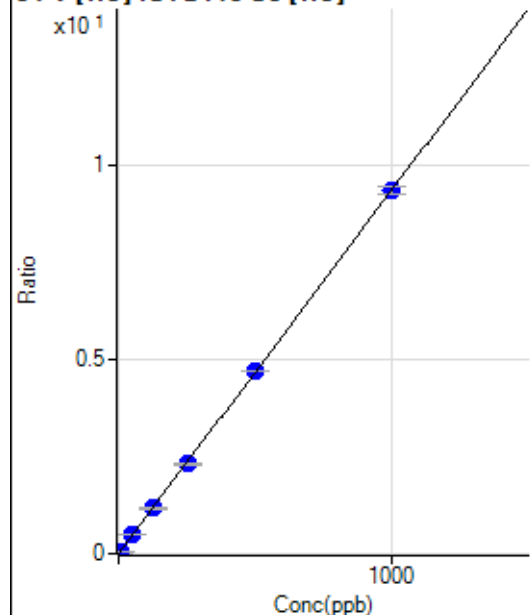
$$DL = 0.1553$$

$$BEC = 0.2916$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	11.11	0.0001	P	95.5
2	<input type="checkbox"/>	5.000	4.723	5545.57	0.0443	P	1.2
3	<input type="checkbox"/>	50.000	50.837	59486.53	0.4761	P	1.2
4	<input type="checkbox"/>	125.000	124.855	146676.19	1.1691	P	1.1
5	<input type="checkbox"/>	250.000	247.338	288020.48	2.3159	P	1.4
6	<input type="checkbox"/>	500.000	503.444	585719.31	4.7138	P	0.5
7	<input type="checkbox"/>	1000.000	998.921	1181186.15	9.3528	P	2.3
8	<input type="checkbox"/>			392.23	0.0033	P	16.5

$$y = 0.0094 * x + 8.6910\text{E-}005$$

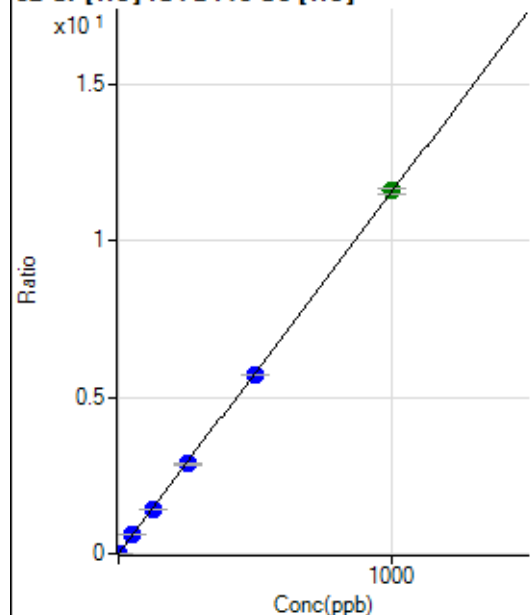
$$R = 1.0000$$

$$DL = 0.02659$$

$$BEC = 0.009282$$

Weight: &lt;None&gt;

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	562.24	0.0044	P	13.3
2	<input type="checkbox"/>	2.000	1.832	3199.28	0.0256	P	2.3
3	<input type="checkbox"/>	50.000	50.491	73327.96	0.5868	P	0.2
4	<input type="checkbox"/>	125.000	123.890	179843.02	1.4335	P	0.6
5	<input type="checkbox"/>	250.000	247.162	355147.37	2.8554	P	0.8
6	<input type="checkbox"/>	500.000	494.302	709027.93	5.7061	P	0.9
7	<input type="checkbox"/>	1000.000	1003.673	1462730.71	11.5815	A	1.6
8	<input type="checkbox"/>			3362.66	0.0281	P	2.6

$$y = 0.0115 * x + 0.0044$$

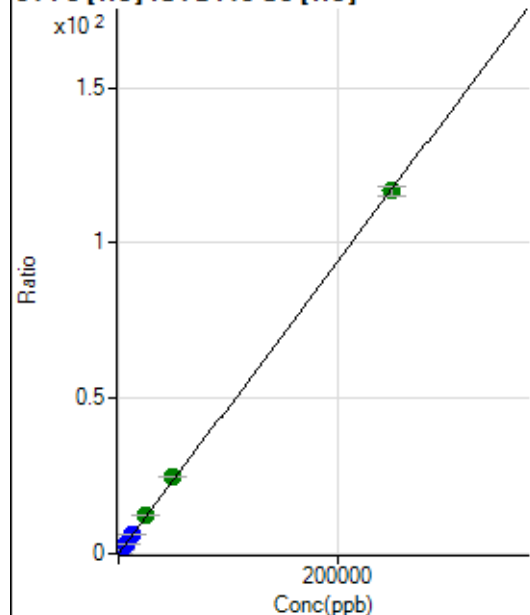
$$R = 1.0000$$

$$DL = 0.153$$

$$BEC = 0.3846$$

Weight: &lt;None&gt;

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	457.42	0.0036	P	2.7
2	<input type="checkbox"/>	50.000	47.930	3263.40	0.0261	P	0.9
3	<input type="checkbox"/>	2500.000	2673.622	157026.30	1.2566	P	0.8
4	<input type="checkbox"/>	6250.000	6456.804	380075.22	3.0296	P	1.6
5	<input type="checkbox"/>	12500.000	13021.922	759514.20	6.1064	P	1.0
6	<input type="checkbox"/>	25000.000	26841.925	1563555.24	12.5832	A	0.6
7	<input type="checkbox"/>	50000.000	52952.672	3135038.55	24.8202	A	1.3
8	<input type="checkbox"/>	250000.00	249192.27	13986154.25	116.7891	A	2.7

$$y = 4.6866E-004 * x + 0.0036$$

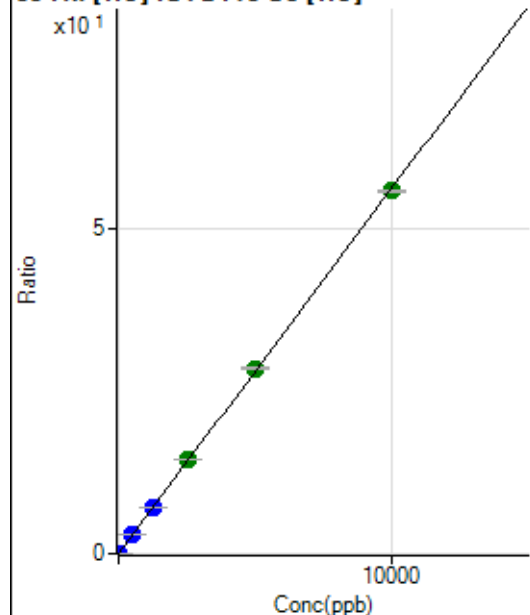
$$R = 0.9999$$

$$DL = 0.6238$$

$$BEC = 7.71$$

Weight: &lt;None&gt;

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	70.00	0.0006	P	25.9
2	<input type="checkbox"/>	1.000	0.939	728.91	0.0058	P	2.0
3	<input type="checkbox"/>	500.000	508.186	356515.35	2.8532	P	0.8
4	<input type="checkbox"/>	1250.000	1262.527	889214.85	7.0876	P	1.5
5	<input type="checkbox"/>	2500.000	2566.913	1792249.54	14.4096	A	0.4
6	<input type="checkbox"/>	5000.000	5082.720	3545252.03	28.5318	A	1.6
7	<input type="checkbox"/>	10000.000	9939.936	7047194.48	55.7972	A	0.7
8	<input type="checkbox"/>			5275.55	0.0440	P	3.5

$$y = 0.0056 * x + 5.5385E-004$$

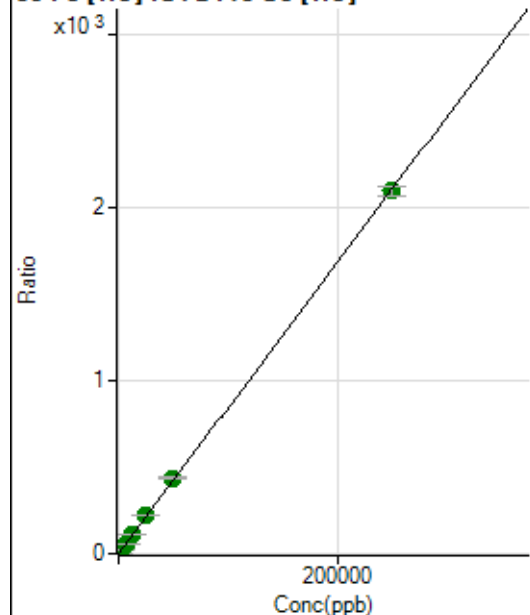
$$R = 0.9999$$

$$DL = 0.07665$$

$$BEC = 0.09867$$

Weight: &lt;None&gt;

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	2628.06	0.0208	P	2.5
2	<input type="checkbox"/>	50.000	47.651	52747.72	0.4215	P	2.9
3	<input type="checkbox"/>	2500.000	2774.129	2917959.01	23.3530	A	1.1
4	<input type="checkbox"/>	6250.000	6675.303	7046091.71	56.1645	A	2.2
5	<input type="checkbox"/>	12500.000	13166.175	13777090.01	110.7571	A	1.3
6	<input type="checkbox"/>	25000.000	26236.673	27422994.13	220.6886	A	1.6
7	<input type="checkbox"/>	50000.000	52017.375	55259152.62	437.5215	A	1.0
8	<input type="checkbox"/>	250000.00	249426.17	251231379.6	2097.860	A	2.7

$$y = 0.0084 * x + 0.0208$$

$$R = 1.0000$$

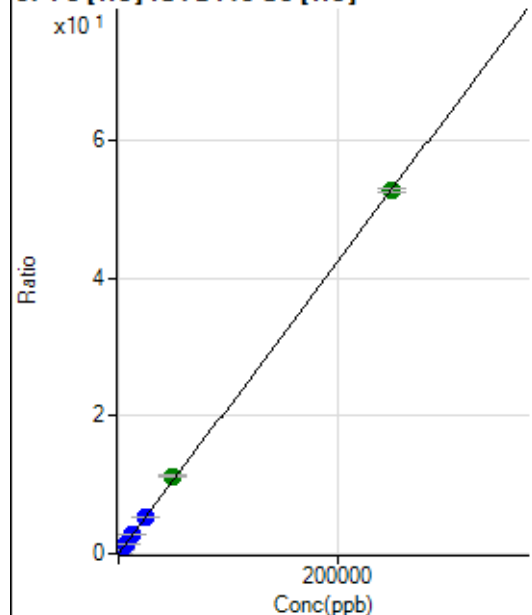
$$DL = 0.1858$$

$$BEC = 2.468$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	231.49	0.0018	P	22.7
2	<input type="checkbox"/>	50.000	44.739	1414.91	0.0113	P	1.7
3	<input type="checkbox"/>	2500.000	2645.274	70201.94	0.5618	P	0.9
4	<input type="checkbox"/>	6250.000	6484.724	172463.99	1.3746	P	1.5
5	<input type="checkbox"/>	12500.000	12815.836	337691.38	2.7149	P	1.9
6	<input type="checkbox"/>	25000.000	25538.337	671998.71	5.4082	P	0.4
7	<input type="checkbox"/>	50000.000	53397.634	1427888.80	11.3059	A	1.6
8	<input type="checkbox"/>	250000.00	249243.52	6321819.47	52.7659	A	1.1

$$y = 2.1170\text{E-}004 * x + 0.0018$$

$$R = 0.9999$$

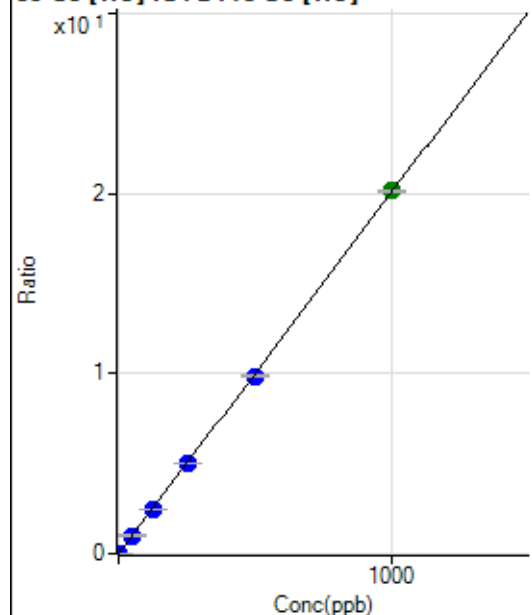
$$DL = 5.887$$

$$BEC = 8.659$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	37.78	0.0003	P	42.1
2	<input type="checkbox"/>	1.000	0.949	2419.12	0.0193	P	5.4
3	<input type="checkbox"/>	50.000	50.415	126381.14	1.0115	P	1.3
4	<input type="checkbox"/>	125.000	124.068	312234.93	2.4887	P	1.0
5	<input type="checkbox"/>	250.000	248.374	619628.68	4.9819	P	0.2
6	<input type="checkbox"/>	500.000	492.318	1226997.96	9.8747	P	0.5
7	<input type="checkbox"/>	1000.000	1004.343	2544235.47	20.1444	A	0.8
8	<input type="checkbox"/>			3628.28	0.0303	P	2.0

$$y = 0.0201 * x + 2.9916\text{E-}004$$

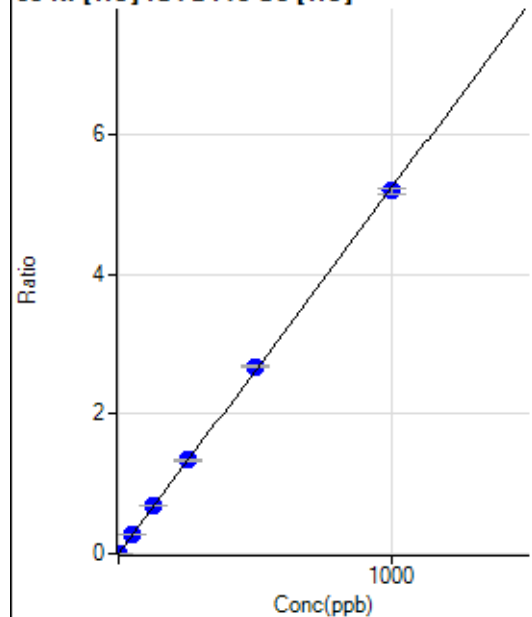
$$R = 1.0000$$

$$DL = 0.01883$$

$$BEC = 0.01492$$

Weight: &lt;None&gt;

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	94.45	0.0007	P	14.3
2	<input type="checkbox"/>	1.000	0.887	674.47	0.0054	P	4.8
3	<input type="checkbox"/>	50.000	53.047	34792.60	0.2785	P	1.5
4	<input type="checkbox"/>	125.000	129.459	85122.95	0.6785	P	0.3
5	<input type="checkbox"/>	250.000	254.999	166132.04	1.3357	P	0.4
6	<input type="checkbox"/>	500.000	512.051	333170.61	2.6814	P	0.9
7	<input type="checkbox"/>	1000.000	992.015	656039.89	5.1941	P	1.3
8	<input type="checkbox"/>			1034.49	0.0086	P	12.2

$$y = 0.0052 * x + 7.4617E-004$$

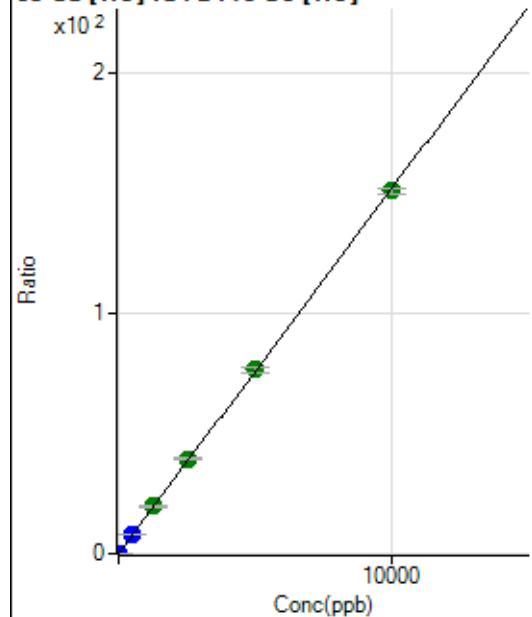
R = 0.9999

DL = 0.06134

BEC = 0.1425

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	623.35	0.0049	P	2.7
2	<input type="checkbox"/>	2.000	1.852	4126.20	0.0330	P	0.7
3	<input type="checkbox"/>	500.000	511.193	968100.01	7.7476	P	0.4
4	<input type="checkbox"/>	1250.000	1292.689	2457305.48	19.5844	A	1.9
5	<input type="checkbox"/>	2500.000	2609.415	4915902.57	39.5279	A	1.4
6	<input type="checkbox"/>	5000.000	5039.517	9486071.80	76.3350	A	3.6
7	<input type="checkbox"/>	10000.000	9946.992	19028978.88	150.6651	A	1.3
8	<input type="checkbox"/>			6881.25	0.0574	P	8.0

$$y = 0.0151 * x + 0.0049$$

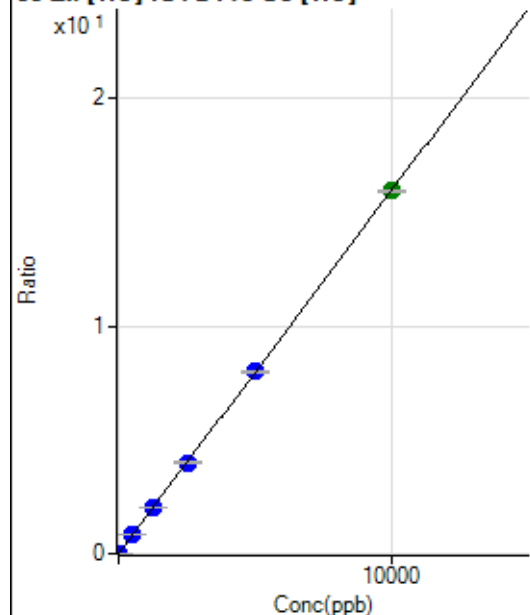
R = 0.9999

DL = 0.02619

BEC = 0.3251

Weight: <None>

Min Conc: 0

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

	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	108.89	0.0009	P	19.2
2	<input type="checkbox"/>	2.000	1.859	478.90	0.0038	P	9.1
3	<input type="checkbox"/>	500.000	515.308	102728.57	0.8221	P	1.7
4	<input type="checkbox"/>	1250.000	1271.149	254265.76	2.0268	P	1.7
5	<input type="checkbox"/>	2500.000	2506.793	496990.22	3.9961	P	0.8
6	<input type="checkbox"/>	5000.000	5008.629	992011.18	7.9834	P	0.9
7	<input type="checkbox"/>	10000.000	9990.578	2011261.15	15.9235	A	0.8
8	<input type="checkbox"/>			2784.76	0.0233	P	4.9

$$y = 0.0016 * x + 8.6229E-004$$

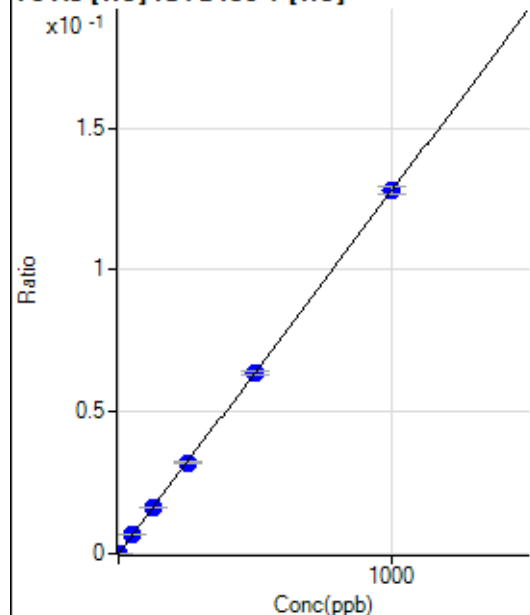
$$R = 1.0000$$

$$DL = 0.3109$$

$$BEC = 0.541$$

Weight: &lt;None&gt;

Min Conc: 0

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

	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	5.67	0.0000	P	45.6
2	<input type="checkbox"/>	1.000	1.055	137.02	0.0001	P	10.6
3	<input type="checkbox"/>	50.000	51.368	6477.14	0.0066	P	0.6
4	<input type="checkbox"/>	125.000	125.869	15879.84	0.0161	P	0.3
5	<input type="checkbox"/>	250.000	251.636	31434.96	0.0321	P	1.2
6	<input type="checkbox"/>	500.000	498.284	62944.11	0.0637	P	1.1
7	<input type="checkbox"/>	1000.000	1000.272	126202.79	0.1278	P	2.0
8	<input type="checkbox"/>			72.01	0.0001	P	17.4

$$y = 1.2774E-004 * x + 5.7183E-006$$

$$R = 1.0000$$

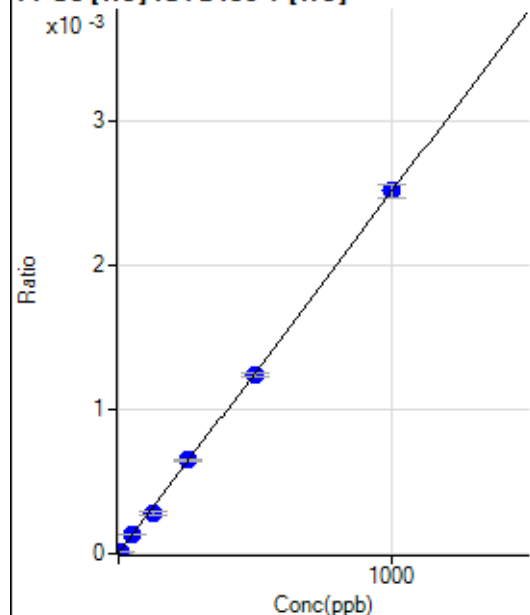
$$DL = 0.06123$$

$$BEC = 0.04477$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	2.22	0.0000	P	86.6
2	<input type="checkbox"/>	5.000	5.459	15.56	0.0000	P	32.0
3	<input type="checkbox"/>	50.000	52.656	132.23	0.0001	P	6.5
4	<input type="checkbox"/>	125.000	111.509	277.78	0.0003	P	10.7
5	<input type="checkbox"/>	250.000	257.318	632.24	0.0006	P	2.3
6	<input type="checkbox"/>	500.000	493.272	1223.40	0.0012	P	2.1
7	<input type="checkbox"/>	1000.000	1003.086	2482.47	0.0025	P	4.0
8	<input type="checkbox"/>			0.00	0.0000	P	

$$y = 2.5039\text{E-}006 * x + 2.2407\text{E-}006$$

$$R = 0.9998$$

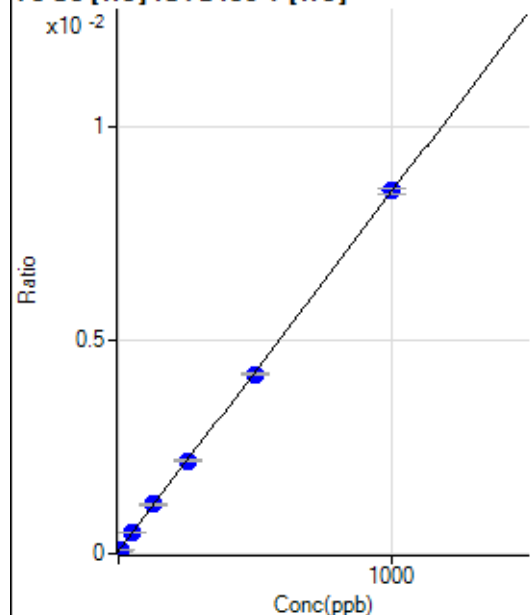
$$DL = 2.326$$

$$BEC = 0.8949$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	63.34	0.0001	P	13.2
2	<input type="checkbox"/>	5.000	5.115	104.34	0.0001	P	7.7
3	<input type="checkbox"/>	50.000	52.241	496.73	0.0005	P	5.4
4	<input type="checkbox"/>	125.000	129.331	1138.50	0.0012	P	5.6
5	<input type="checkbox"/>	250.000	252.130	2138.72	0.0022	P	1.3
6	<input type="checkbox"/>	500.000	491.709	4158.04	0.0042	P	1.2
7	<input type="checkbox"/>	1000.000	1002.959	8406.69	0.0085	P	1.7
8	<input type="checkbox"/>			61.34	0.0001	P	23.8

$$y = 8.4228\text{E-}006 * x + 6.3740\text{E-}005$$

$$R = 0.9999$$

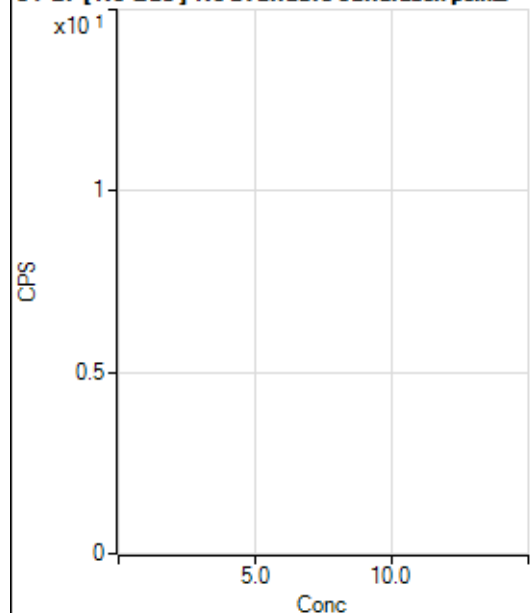
$$DL = 2.995$$

$$BEC = 7.568$$

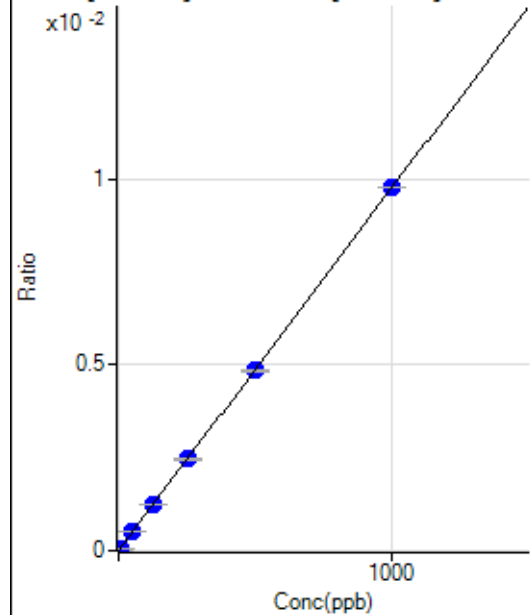
Weight: &lt;None&gt;

Min Conc: 0



**81 Br [ No Gas ] No available calibration points**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			15000.31		P	2.6
2	<input type="checkbox"/>			14839.89		P	0.7
3	<input type="checkbox"/>			15250.76		P	5.3
4	<input type="checkbox"/>			15330.98		P	1.8
5	<input type="checkbox"/>			14669.65		P	7.9
6	<input type="checkbox"/>			15217.39		P	3.0
7	<input type="checkbox"/>			15548.16		P	1.0
8	<input type="checkbox"/>			17071.30		P	1.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	51.62	0.0000	P	149.
2	<input type="checkbox"/>	5.000	4.182	380.02	0.0000	P	17.5
3	<input type="checkbox"/>	50.000	51.546	4138.67	0.0005	P	3.5
4	<input type="checkbox"/>	125.000	127.169	10326.20	0.0012	P	1.0
5	<input type="checkbox"/>	250.000	251.818	20561.07	0.0025	P	0.6
6	<input type="checkbox"/>	500.000	496.045	41108.75	0.0048	P	1.1
7	<input type="checkbox"/>	1000.000	1001.179	82181.22	0.0098	P	0.2
8	<input type="checkbox"/>			88.19	0.0000	P	75.9

$$y = 9.7344\text{E-}006 * x + 6.4962\text{E-}006$$

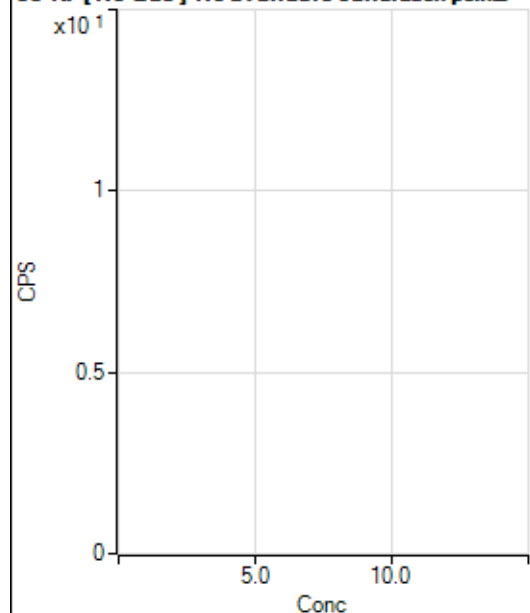
$$R = 1.0000$$

$$DL = 2.986$$

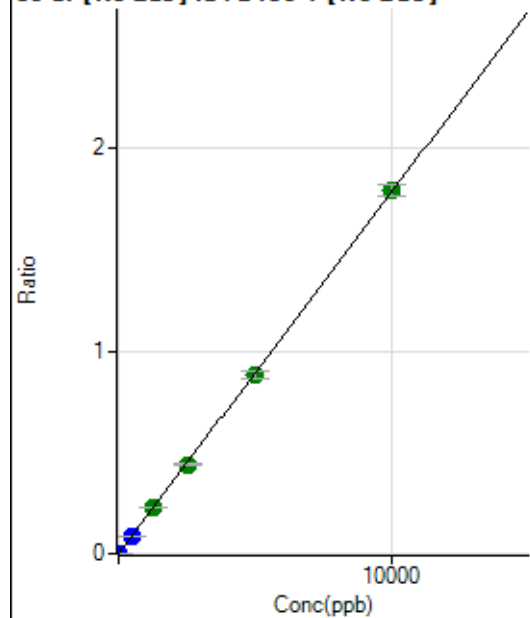
$$BEC = 0.6673$$

Weight: &lt;None&gt;

Min Conc: 0

**83 Kr [ No Gas ] No available calibration points**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			1120.06		P	5.1
2	<input type="checkbox"/>			1150.06		P	5.1
3	<input type="checkbox"/>			1148.95		P	3.7
4	<input type="checkbox"/>			1100.06		P	4.2
5	<input type="checkbox"/>			1128.95		P	3.4
6	<input type="checkbox"/>			1170.06		P	7.5
7	<input type="checkbox"/>			1176.73		P	2.5
8	<input type="checkbox"/>			1233.40		P	3.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	2019.64	0.0002	P	10.6
2	<input type="checkbox"/>	1.000	0.861	3253.26	0.0004	P	6.1
3	<input type="checkbox"/>	500.000	494.751	720021.18	0.0884	P	3.2
4	<input type="checkbox"/>	1250.000	1255.921	1859809.70	0.2241	A	0.6
5	<input type="checkbox"/>	2500.000	2467.946	3682172.69	0.4401	A	1.4
6	<input type="checkbox"/>	5000.000	4945.160	7496180.90	0.8817	A	3.4
7	<input type="checkbox"/>	10000.000	10034.956	15072877.25	1.7889	A	3.2
8	<input type="checkbox"/>			15746.56	0.0019	P	12.1

$$y = 1.7824E-004 * x + 2.4983E-004$$

$$R = 1.0000$$

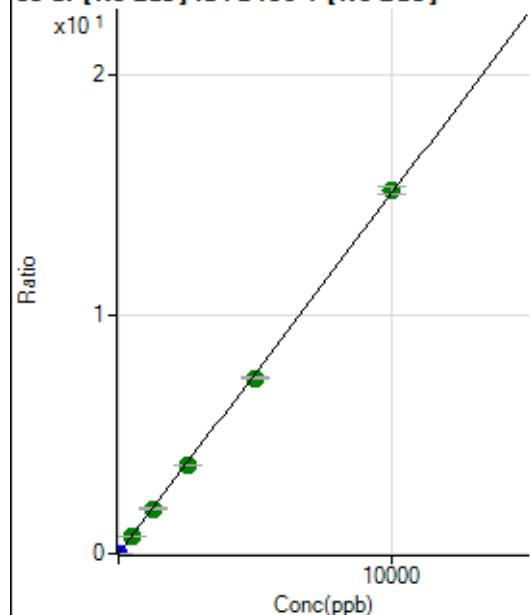
$$DL = 0.444$$

$$BEC = 1.402$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	161.12	0.0000	P	4.4
2	<input type="checkbox"/>	1.000	0.909	11210.38	0.0014	P	2.4
3	<input type="checkbox"/>	500.000	497.715	6100513.63	0.7493	A	2.8
4	<input type="checkbox"/>	1250.000	1249.273	15605955.04	1.8806	A	1.9
5	<input type="checkbox"/>	2500.000	2461.766	31002246.52	3.7058	A	0.9
6	<input type="checkbox"/>	5000.000	4880.914	62475097.92	7.3475	A	0.5
7	<input type="checkbox"/>	10000.000	10069.307	127722220.9	15.1578	A	2.0
8	<input type="checkbox"/>			119537.57	0.0145	P	12.3

$$y = 0.0015 * x + 1.9913E-005$$

$$R = 0.9999$$

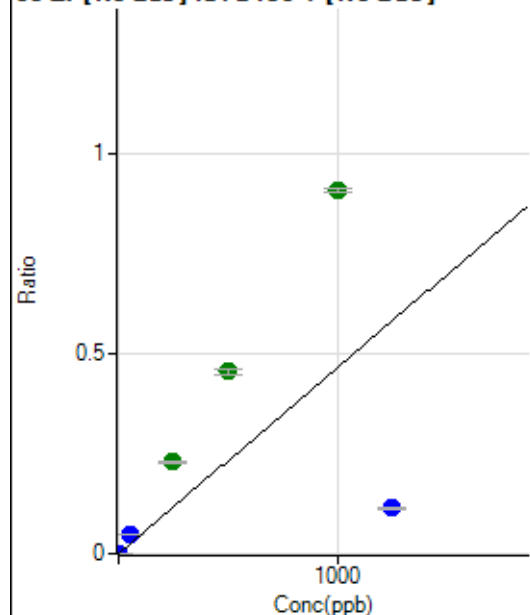
$$DL = 0.001765$$

$$BEC = 0.01323$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	397.24	0.0000	P	8.5
2	<input type="checkbox"/>	1.000	1.807	7171.46	0.0009	P	8.0
3	<input type="checkbox"/>	50.000	98.825	374623.92	0.0460	P	1.2
4	<input type="checkbox"/>	1250.000	244.448	943507.59	0.1137	P	1.8
5	<input type="checkbox"/>	250.000	493.447	1919879.47	0.2295	A	2.3
6	<input type="checkbox"/>	500.000	982.784	3884646.14	0.4570	A	3.2
7	<input type="checkbox"/>	1000.000	1952.244	7649634.64	0.9078	A	1.0
8	<input type="checkbox"/>			7328.93	0.0009	P	17.1

$$y = 4.6499E-004 * x + 4.9126E-005$$

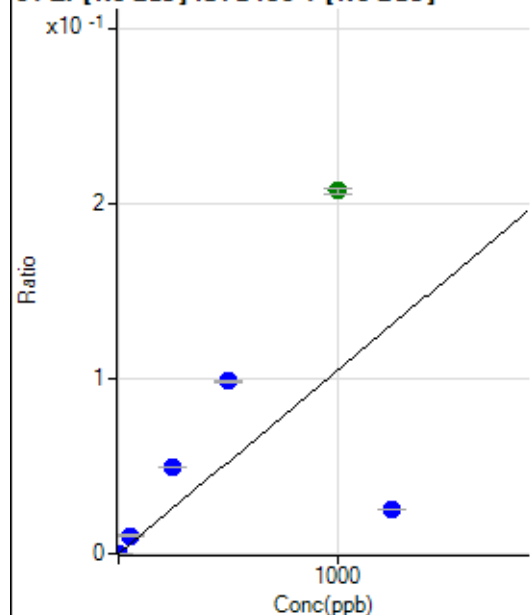
$$R = 0.5669$$

$$DL = 0.02697$$

$$BEC = 0.1056$$

Weight: &lt;None&gt;

Min Conc: 0

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

	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	86.12	0.0000	P	6.4
2	<input type="checkbox"/>	1.000	1.816	1619.57	0.0002	P	1.6
3	<input type="checkbox"/>	50.000	98.860	84225.19	0.0103	P	2.7
4	<input type="checkbox"/>	1250.000	240.348	208518.44	0.0251	P	2.4
5	<input type="checkbox"/>	250.000	476.169	416469.09	0.0498	P	0.7
6	<input type="checkbox"/>	500.000	941.493	836732.51	0.0984	P	1.7
7	<input type="checkbox"/>	1000.000	1982.332	1746067.07	0.2072	A	1.6
8	<input type="checkbox"/>			1514.05	0.0002	P	14.0

$$y = 1.0453\text{E-}004 * x + 1.0643\text{E-}005$$

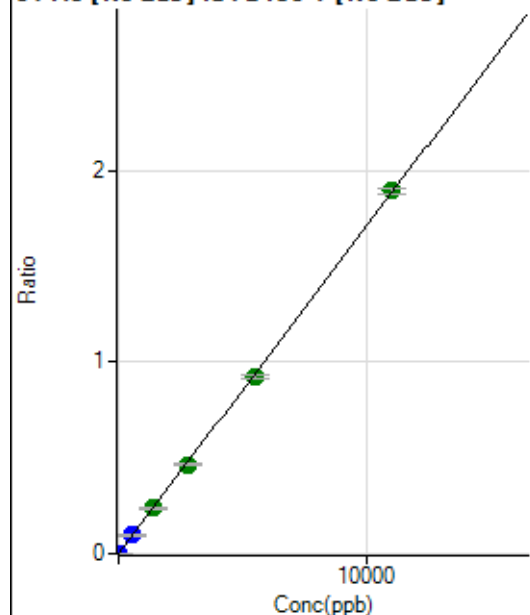
$$R = 0.5683$$

$$DL = 0.0195$$

$$BEC = 0.1018$$

Weight: &lt;None&gt;

Min Conc: 0

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

	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	186.12	0.0000	P	24.7
2	<input type="checkbox"/>	5.000	5.718	8097.05	0.0010	P	3.6
3	<input type="checkbox"/>	550.000	564.216	787616.78	0.0967	P	3.4
4	<input type="checkbox"/>	1375.000	1382.745	1967272.83	0.2371	A	5.1
5	<input type="checkbox"/>	2750.000	2722.675	3904814.02	0.4668	A	2.5
6	<input type="checkbox"/>	5500.000	5389.542	7854604.51	0.9239	A	1.8
7	<input type="checkbox"/>	11000.000	11060.381	15976754.00	1.8961	A	1.4
8	<input type="checkbox"/>			11045.03	0.0013	P	20.8

$$y = 1.7143\text{E-}004 * x + 2.2986\text{E-}005$$

$$R = 0.9999$$

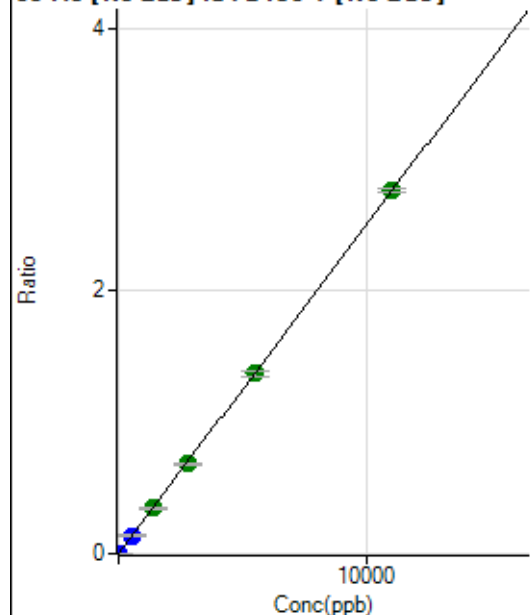
$$DL = 0.09928$$

$$BEC = 0.1341$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	41.67	0.0000	P	21.2
2	<input type="checkbox"/>	5.000	4.905	9973.31	0.0012	P	3.8
3	<input type="checkbox"/>	550.000	554.694	1132498.82	0.1391	P	1.7
4	<input type="checkbox"/>	1375.000	1376.153	2863010.13	0.3450	A	2.3
5	<input type="checkbox"/>	2750.000	2725.111	5715113.32	0.6832	A	2.1
6	<input type="checkbox"/>	5500.000	5477.671	11672540.97	1.3732	A	3.4
7	<input type="checkbox"/>	11000.000	11017.008	23273174.83	2.7618	A	0.9
8	<input type="checkbox"/>			14848.46	0.0018	P	9.9

$$y = 2.5069\text{E-}004 * x + 5.1579\text{E-}006$$

$$R = 1.0000$$

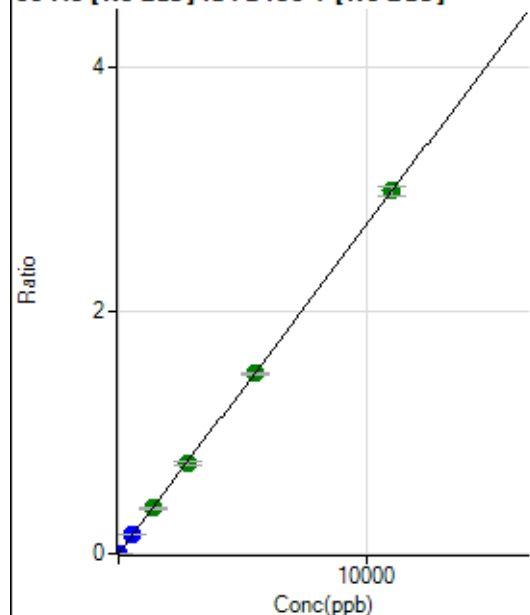
$$DL = 0.01309$$

$$BEC = 0.02057$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	150.01	0.0000	P	30.2
2	<input type="checkbox"/>	5.000	4.835	10718.30	0.0013	P	6.4
3	<input type="checkbox"/>	550.000	559.032	1233996.21	0.1515	P	0.6
4	<input type="checkbox"/>	1375.000	1380.827	3104475.29	0.3742	A	3.0
5	<input type="checkbox"/>	2750.000	2727.581	6183273.18	0.7391	A	3.8
6	<input type="checkbox"/>	5500.000	5468.869	12601304.10	1.4819	A	0.6
7	<input type="checkbox"/>	11000.000	11019.990	25161816.18	2.9861	A	2.6
8	<input type="checkbox"/>			20051.27	0.0024	P	17.1

$$y = 2.7097\text{E-}004 * x + 1.8567\text{E-}005$$

$$R = 1.0000$$

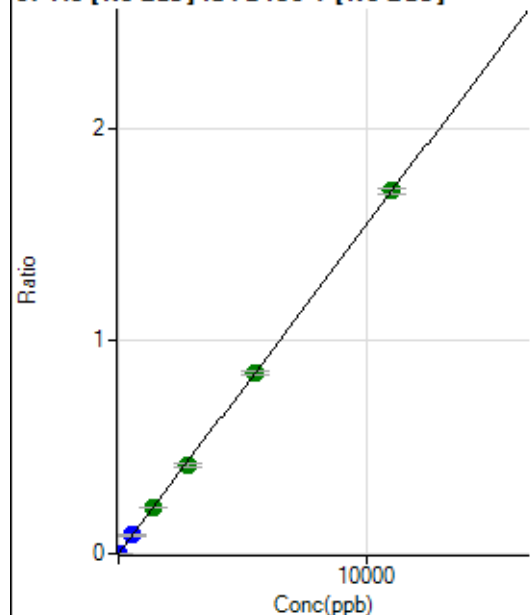
$$DL = 0.06213$$

$$BEC = 0.06852$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	16.67	0.0000	P	51.3
2	<input type="checkbox"/>	5.000	4.978	6232.15	0.0008	P	3.7
3	<input type="checkbox"/>	550.000	559.346	704624.04	0.0865	P	2.1
4	<input type="checkbox"/>	1375.000	1400.667	1798003.79	0.2167	A	1.5
5	<input type="checkbox"/>	2750.000	2700.504	3494971.91	0.4178	A	5.2
6	<input type="checkbox"/>	5500.000	5484.182	7212984.02	0.8484	A	1.4
7	<input type="checkbox"/>	11000.000	11016.607	14360904.66	1.7043	A	1.7
8	<input type="checkbox"/>			9107.50	0.0011	P	11.1

$$y = 1.5470\text{E-}004 * x + 2.0714\text{E-}006$$

$$R = 1.0000$$

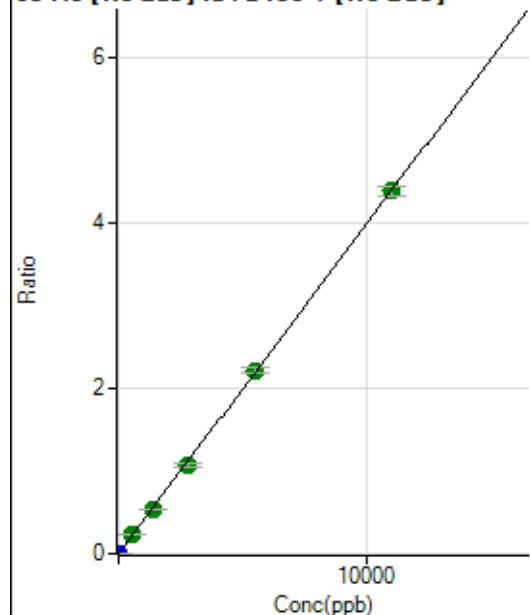
$$DL = 0.02061$$

$$BEC = 0.01339$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	83.33	0.0000	P	44.2
2	<input type="checkbox"/>	5.000	4.751	15361.78	0.0019	P	4.4
3	<input type="checkbox"/>	550.000	563.587	1827993.12	0.2245	A	3.2
4	<input type="checkbox"/>	1375.000	1349.711	4463201.79	0.5377	A	1.4
5	<input type="checkbox"/>	2750.000	2675.709	8917268.95	1.0659	A	3.3
6	<input type="checkbox"/>	5500.000	5555.177	18810364.49	2.2130	A	3.5
7	<input type="checkbox"/>	11000.000	10993.466	36903460.55	4.3795	A	2.5
8	<input type="checkbox"/>			23256.92	0.0028	P	22.1

$$y = 3.9837\text{E-}004 * x + 1.0308\text{E-}005$$

$$R = 1.0000$$

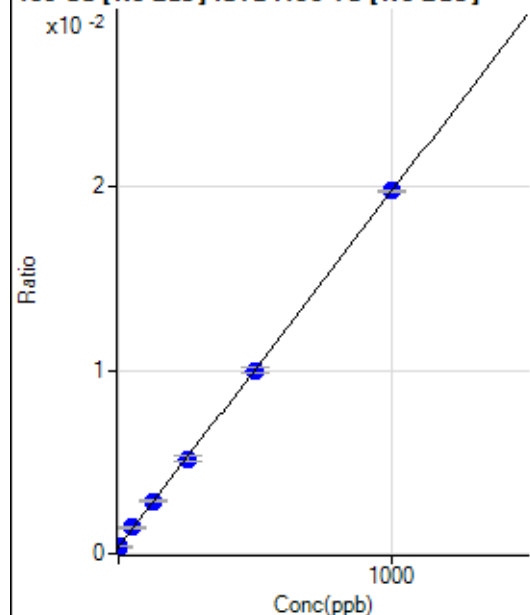
$$DL = 0.03427$$

$$BEC = 0.02587$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	1733.48	0.0004	P	0.7
2	<input type="checkbox"/>	1.000	1.275	1872.40	0.0004	P	6.9
3	<input type="checkbox"/>	50.000	55.386	6818.55	0.0014	P	3.5
4	<input type="checkbox"/>	125.000	129.899	14288.29	0.0029	P	6.1
5	<input type="checkbox"/>	250.000	248.470	25883.38	0.0052	P	4.8
6	<input type="checkbox"/>	500.000	496.361	50482.57	0.0100	P	3.5
7	<input type="checkbox"/>	1000.000	1001.320	101861.46	0.0198	P	0.5
8	<input type="checkbox"/>			2027.98	0.0004	P	2.6

$$y = 1.9393\text{E-}005 * x + 3.5857\text{E-}004$$

$$R = 1.0000$$

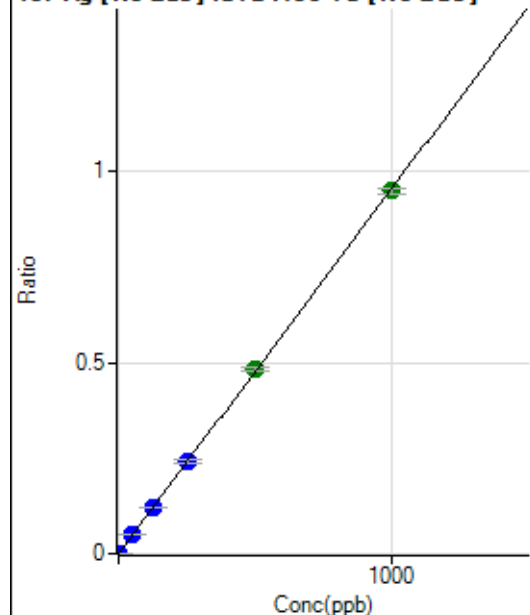
$$DL = 0.401$$

$$BEC = 18.49$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	88.89	0.0000	P	27.8
2	<input type="checkbox"/>	1.000	0.920	4375.83	0.0009	P	3.2
3	<input type="checkbox"/>	50.000	52.363	237645.67	0.0499	P	1.4
4	<input type="checkbox"/>	125.000	126.508	599404.39	0.1206	P	0.9
5	<input type="checkbox"/>	250.000	252.082	1201833.35	0.2404	P	3.5
6	<input type="checkbox"/>	500.000	508.515	2451316.48	0.4848	A	2.1
7	<input type="checkbox"/>	1000.000	994.915	4885621.55	0.9486	A	1.5
8	<input type="checkbox"/>			1544.58	0.0003	P	18.7

$$y = 9.5342\text{E-}004 * x + 1.8360\text{E-}005$$

$$R = 0.9999$$

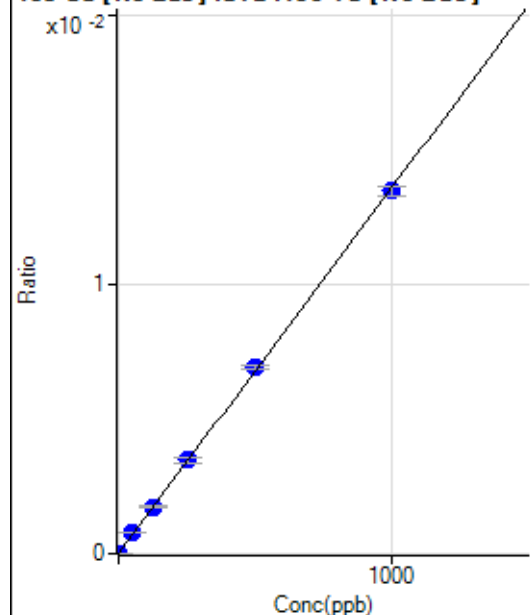
$$DL = 0.01604$$

$$BEC = 0.01926$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	40.28	0.0000	P	42.5
2	<input type="checkbox"/>	1.000	0.962	104.17	0.0000	P	16.3
3	<input type="checkbox"/>	50.000	55.690	3632.47	0.0008	P	3.5
4	<input type="checkbox"/>	125.000	127.934	8662.57	0.0017	P	2.1
5	<input type="checkbox"/>	250.000	255.710	17370.87	0.0035	P	5.9
6	<input type="checkbox"/>	500.000	510.768	35067.24	0.0069	P	2.0
7	<input type="checkbox"/>	1000.000	992.537	69344.80	0.0135	P	2.9
8	<input type="checkbox"/>			134.73	0.0000	P	2.8

$$y = 1.3562\text{E-}005 * x + 8.3131\text{E-}006$$

$$R = 0.9999$$

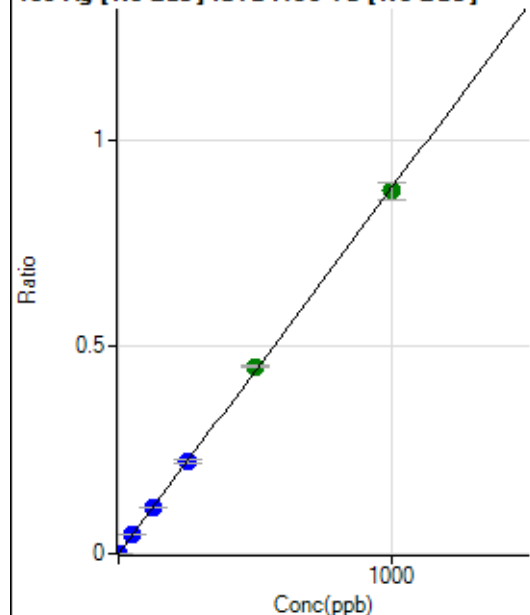
$$DL = 0.7809$$

$$BEC = 0.613$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	44.45	0.0000	P	29.4
2	<input type="checkbox"/>	1.000	0.933	4075.71	0.0008	P	2.2
3	<input type="checkbox"/>	50.000	53.236	223709.92	0.0470	P	2.7
4	<input type="checkbox"/>	125.000	127.088	557636.82	0.1122	P	2.1
5	<input type="checkbox"/>	250.000	252.435	1114191.48	0.2229	P	5.5
6	<input type="checkbox"/>	500.000	512.620	2289783.17	0.4527	A	1.6
7	<input type="checkbox"/>	1000.000	992.659	4512547.54	0.8766	A	4.6
8	<input type="checkbox"/>			1464.01	0.0003	P	15.0

$$y = 8.8312\text{E-}004 * x + 9.2083\text{E-}006$$

$$R = 0.9999$$

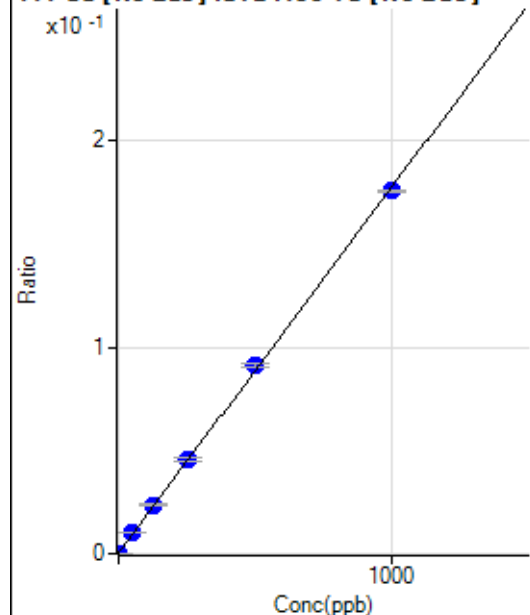
$$DL = 0.009205$$

$$BEC = 0.01043$$

Weight: &lt;None&gt;

Min Conc: 0



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

	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	1211.63	0.0003	P	1.0
2	<input type="checkbox"/>	1.000	1.021	2107.24	0.0004	P	4.3
3	<input type="checkbox"/>	50.000	54.354	46961.30	0.0099	P	0.5
4	<input type="checkbox"/>	125.000	131.224	116613.40	0.0235	P	2.3
5	<input type="checkbox"/>	250.000	253.861	225846.18	0.0452	P	4.0
6	<input type="checkbox"/>	500.000	514.218	461359.67	0.0912	P	1.5
7	<input type="checkbox"/>	1000.000	990.930	904373.34	0.1756	P	0.8
8	<input type="checkbox"/>			1728.07	0.0004	P	8.6

$$y = 1.7696\text{E-}004 * x + 2.5063\text{E-}004$$

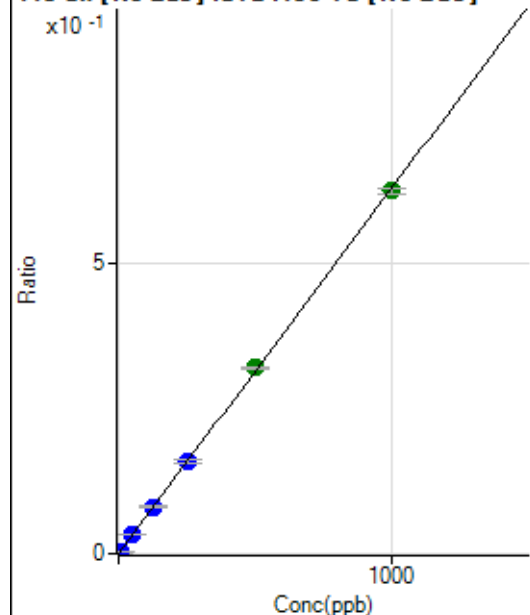
R = 0.9998

DL = 0.0408

BEC = 1.416

Weight: &lt;None&gt;

Min Conc: 0

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

	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	513.91	0.0001	P	17.5
2	<input type="checkbox"/>	5.000	4.806	15286.74	0.0031	P	8.1
3	<input type="checkbox"/>	50.000	52.884	158791.38	0.0334	P	2.9
4	<input type="checkbox"/>	125.000	127.335	398490.74	0.0802	P	3.2
5	<input type="checkbox"/>	250.000	253.128	796453.73	0.1594	P	5.4
6	<input type="checkbox"/>	500.000	510.212	1623682.30	0.3211	A	1.1
7	<input type="checkbox"/>	1000.000	993.677	3220922.23	0.6253	A	1.5
8	<input type="checkbox"/>			2322.60	0.0005	P	9.0

$$y = 6.2916\text{E-}004 * x + 1.0626\text{E-}004$$

R = 0.9999

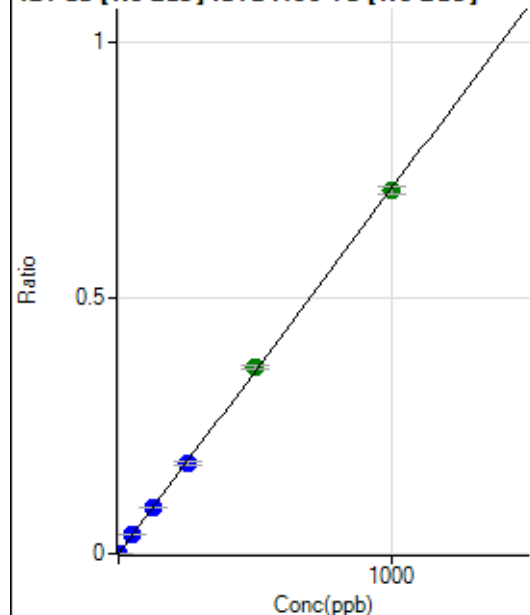
DL = 0.0889

BEC = 0.1689

Weight: &lt;None&gt;

Min Conc: 0

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



	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	50.00	0.0000	P	58.1
2	<input type="checkbox"/>	2.000	1.869	6574.00	0.0013	P	6.4
3	<input type="checkbox"/>	50.000	52.052	176836.09	0.0372	P	2.6
4	<input type="checkbox"/>	125.000	125.689	445816.49	0.0897	P	2.1
5	<input type="checkbox"/>	250.000	248.928	888549.40	0.1777	P	3.8
6	<input type="checkbox"/>	500.000	512.867	1851363.78	0.3661	A	2.0
7	<input type="checkbox"/>	1000.000	993.646	3652763.84	0.7094	A	2.1
8	<input type="checkbox"/>			4592.75	0.0009	P	5.7

$$y = 7.1389\text{E-}004 * x + 1.0379\text{E-}005$$

$$R = 0.9999$$

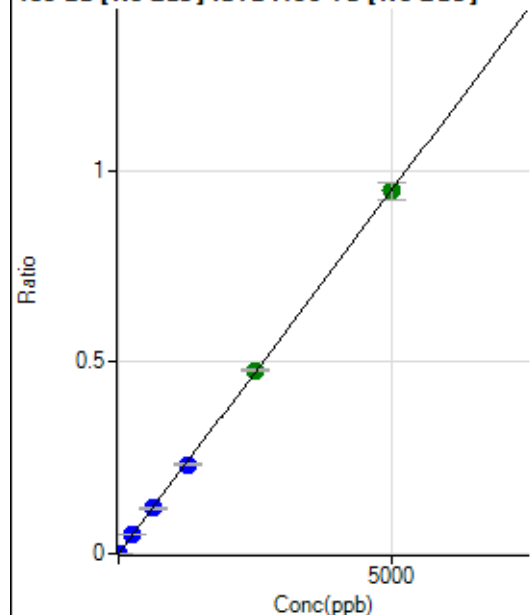
$$DL = 0.02536$$

$$BEC = 0.01454$$

Weight: &lt;None&gt;

Min Conc: 0

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



	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	25.00	0.0000	P	66.9
2	<input type="checkbox"/>	10.000	8.932	8313.93	0.0017	P	2.8
3	<input type="checkbox"/>	250.000	259.336	234217.57	0.0492	P	1.4
4	<input type="checkbox"/>	625.000	625.346	589676.53	0.1187	P	2.0
5	<input type="checkbox"/>	1250.000	1225.190	1162959.26	0.2325	P	3.0
6	<input type="checkbox"/>	2500.000	2522.971	2421153.59	0.4788	A	1.3
7	<input type="checkbox"/>	5000.000	4994.209	4879297.72	0.9478	A	4.6
8	<input type="checkbox"/>			3328.35	0.0007	P	11.5

$$y = 1.8979\text{E-}004 * x + 5.1872\text{E-}006$$

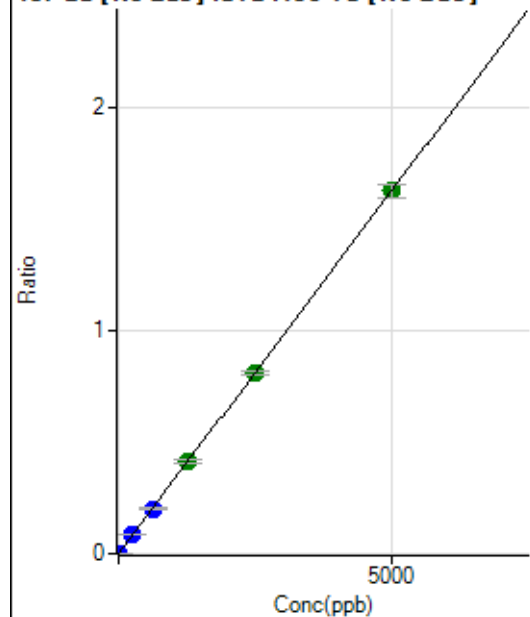
$$R = 1.0000$$

$$DL = 0.05487$$

$$BEC = 0.02733$$

Weight: &lt;None&gt;

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	36.11	0.0000	P	47.6
2	<input type="checkbox"/>	10.000	9.109	14510.90	0.0030	P	2.2
3	<input type="checkbox"/>	250.000	259.174	400716.61	0.0842	P	2.1
4	<input type="checkbox"/>	625.000	621.955	1003901.89	0.2021	P	3.4
5	<input type="checkbox"/>	1250.000	1263.451	2052755.58	0.4106	A	3.8
6	<input type="checkbox"/>	2500.000	2489.425	4089981.91	0.8090	A	2.4
7	<input type="checkbox"/>	5000.000	5001.849	8367307.74	1.6254	A	4.0
8	<input type="checkbox"/>			5971.06	0.0012	P	14.7

$$y = 3.2495E-004 * x + 7.4585E-006$$

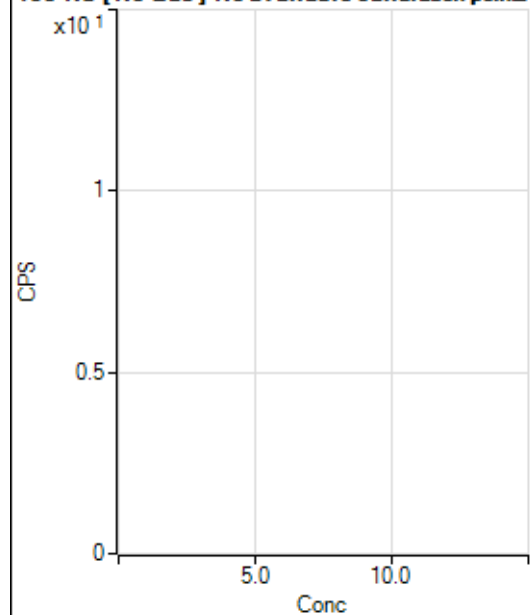
$$R = 1.0000$$

$$DL = 0.03277$$

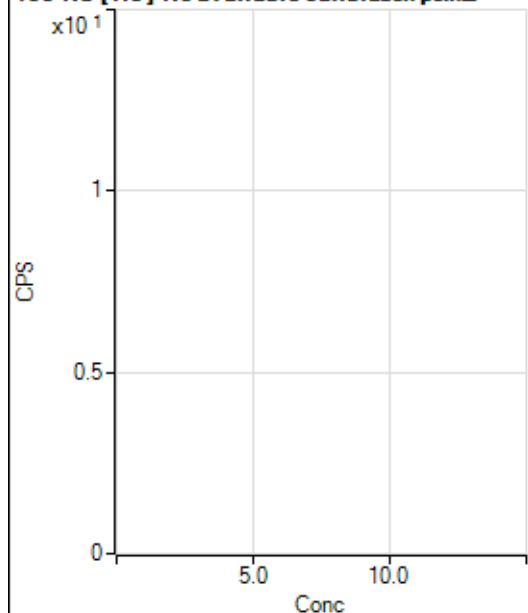
$$BEC = 0.02295$$

Weight: &lt;None&gt;

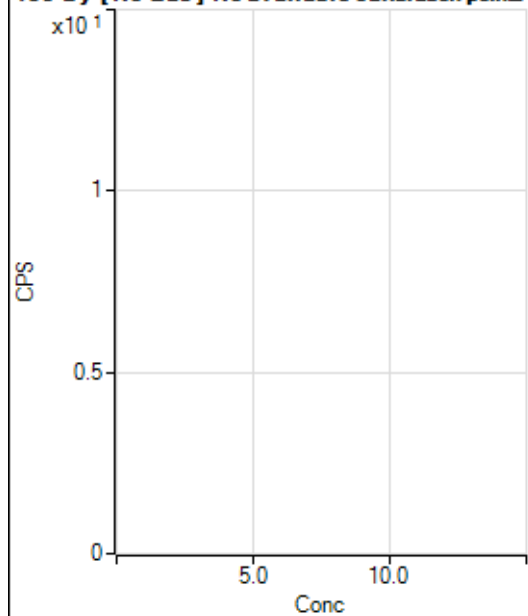
Min Conc: 0

**150 Nd [No Gas] No available calibration points**

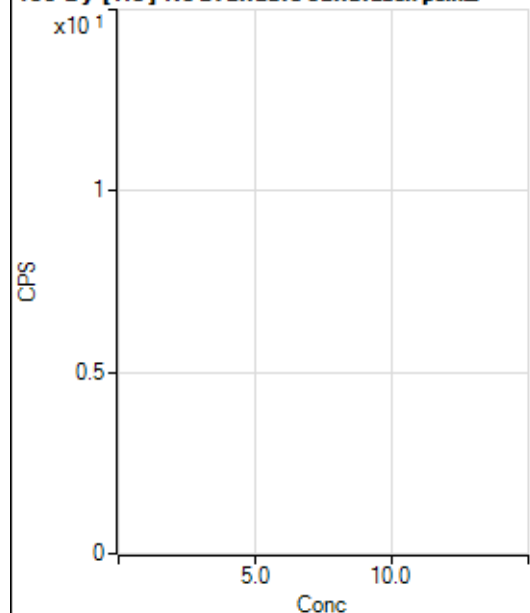
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			2.22		P	173.
2	<input type="checkbox"/>			13.33		P	50.0
3	<input type="checkbox"/>			17.78		P	57.3
4	<input type="checkbox"/>			33.33		P	20.0
5	<input type="checkbox"/>			62.23		P	22.3
6	<input type="checkbox"/>			131.11		P	21.2
7	<input type="checkbox"/>			253.34		P	5.3
8	<input type="checkbox"/>			40.00		P	33.3

**150 Nd [He] No available calibration points**

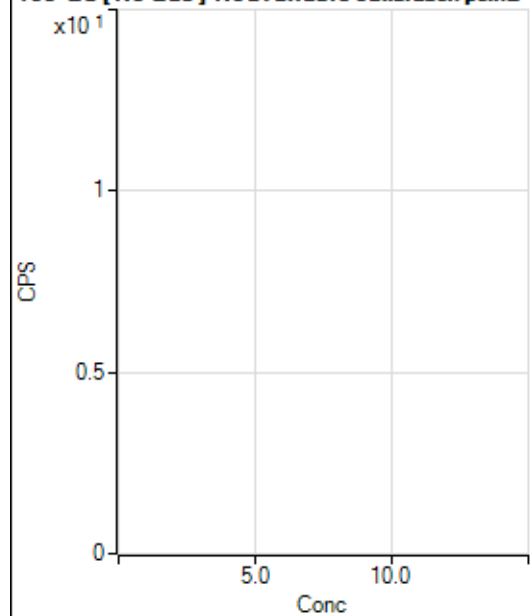
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			0.00		P	
2	<input type="checkbox"/>			0.00		P	
3	<input type="checkbox"/>			3.33		P	0.0
4	<input type="checkbox"/>			6.67		P	50.0
5	<input type="checkbox"/>			5.55		P	124.
6	<input type="checkbox"/>			16.67		P	20.0
7	<input type="checkbox"/>			28.89		P	24.0
8	<input type="checkbox"/>			8.89		P	43.3

**156 Dy [No Gas] No available calibration points**

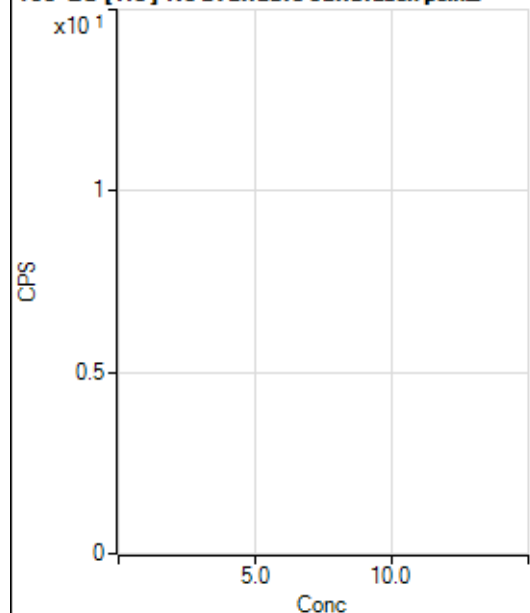
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			16.66		P	86.6
2	<input type="checkbox"/>			13.89		P	34.7
3	<input type="checkbox"/>			13.89		P	34.7
4	<input type="checkbox"/>			27.78		P	45.8
5	<input type="checkbox"/>			69.45		P	34.6
6	<input type="checkbox"/>			105.56		P	39.7
7	<input type="checkbox"/>			202.78		P	13.2
8	<input type="checkbox"/>			661.15		P	7.3

**156 Dy [He] No available calibration points**

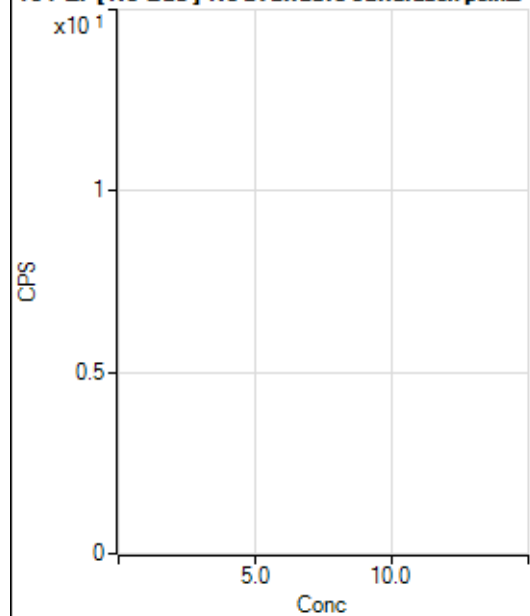
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			3.33		P	100.
2	<input type="checkbox"/>			0.00		P	
3	<input type="checkbox"/>			7.78		P	99.0
4	<input type="checkbox"/>			8.89		P	86.6
5	<input type="checkbox"/>			14.44		P	13.4
6	<input type="checkbox"/>			44.45		P	30.3
7	<input type="checkbox"/>			86.67		P	25.2
8	<input type="checkbox"/>			271.12		P	5.5

**160 Gd [No Gas] Noavailable calibration poin\_**

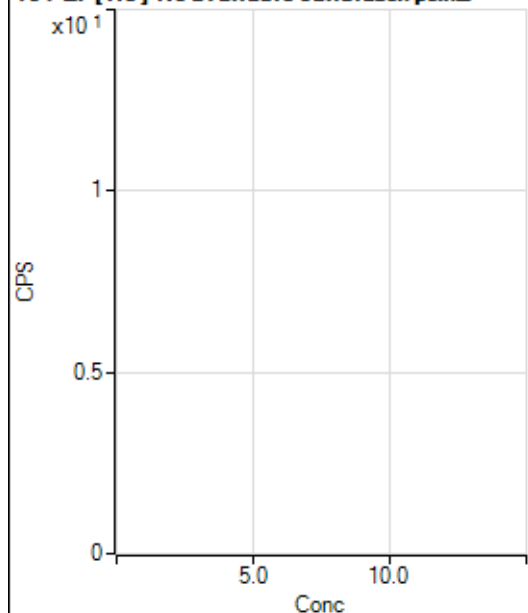
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			27.78		P	17.3
2	<input type="checkbox"/>			33.33		P	50.0
3	<input type="checkbox"/>			47.22		P	40.8
4	<input type="checkbox"/>			63.89		P	19.9
5	<input type="checkbox"/>			66.67		P	12.5
6	<input type="checkbox"/>			88.89		P	30.1
7	<input type="checkbox"/>			127.78		P	19.9
8	<input type="checkbox"/>			583.36		P	2.9

**160 Gd [He] No available calibration points**

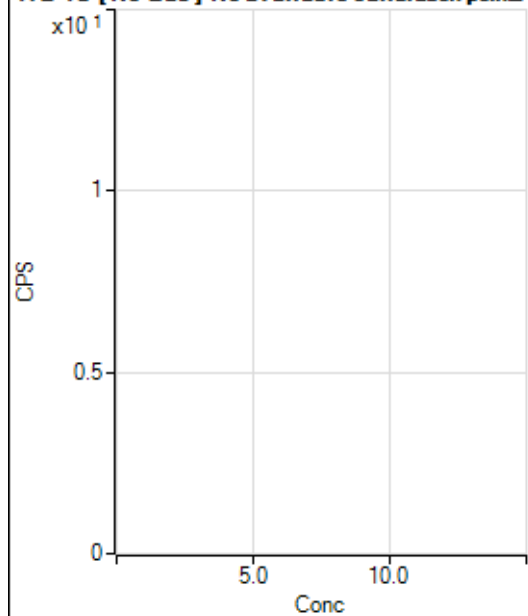
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			37.78		P	27.0
2	<input type="checkbox"/>			38.89		P	34.6
3	<input type="checkbox"/>			50.00		P	6.7
4	<input type="checkbox"/>			50.00		P	30.6
5	<input type="checkbox"/>			51.11		P	13.6
6	<input type="checkbox"/>			65.56		P	12.8
7	<input type="checkbox"/>			107.78		P	20.1
8	<input type="checkbox"/>			377.79		P	8.7

**164 Er [No Gas] No available calibration points**

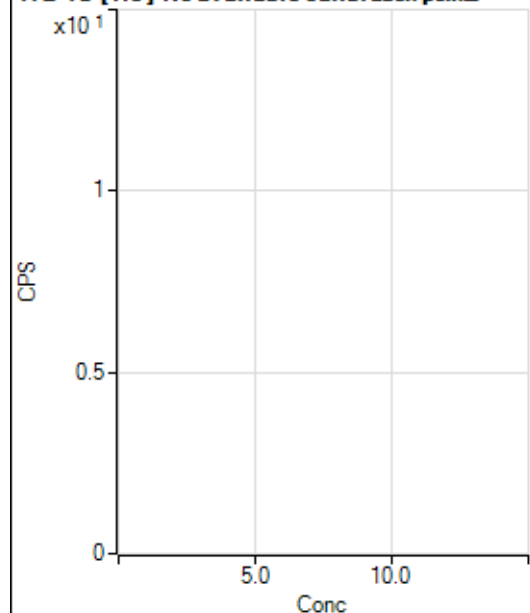
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			30.56		P	56.8
2	<input type="checkbox"/>			47.22		P	53.9
3	<input type="checkbox"/>			33.33		P	66.1
4	<input type="checkbox"/>			36.11		P	66.6
5	<input type="checkbox"/>			38.89		P	32.7
6	<input type="checkbox"/>			58.33		P	28.6
7	<input type="checkbox"/>			61.11		P	41.7
8	<input type="checkbox"/>			133.34		P	22.5

**164 Er [He] No available calibration points**

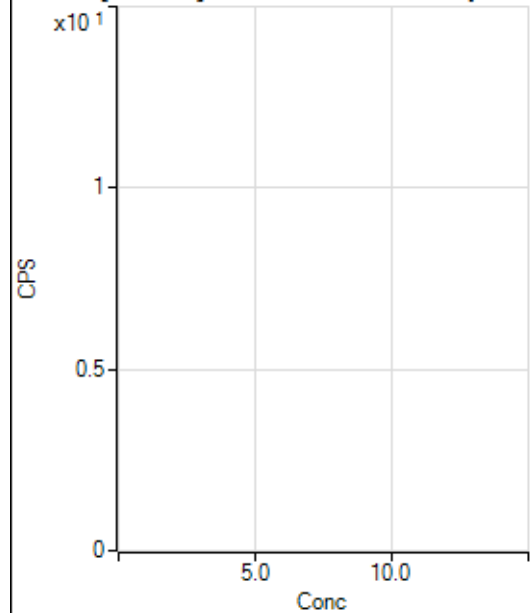
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			20.00		P	50.0
2	<input type="checkbox"/>			15.56		P	12.4
3	<input type="checkbox"/>			16.66		P	34.6
4	<input type="checkbox"/>			15.56		P	61.9
5	<input type="checkbox"/>			23.33		P	24.7
6	<input type="checkbox"/>			26.66		P	43.3
7	<input type="checkbox"/>			38.89		P	30.1
8	<input type="checkbox"/>			52.22		P	13.3

**172 Yb [No Gas] No available calibration points**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			16.67		P	NaN
2	<input type="checkbox"/>			16.67		P	50.0
3	<input type="checkbox"/>			27.78		P	45.8
4	<input type="checkbox"/>			13.89		P	69.3
5	<input type="checkbox"/>			50.00		P	33.3
6	<input type="checkbox"/>			36.11		P	35.3
7	<input type="checkbox"/>			27.78		P	34.6
8	<input type="checkbox"/>			63.89		P	41.9

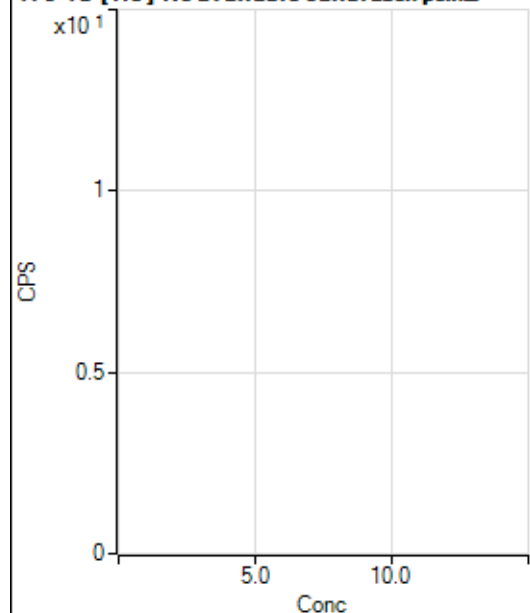
**172 Yb [He] No available calibration points**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			11.11		P	50.0
2	<input type="checkbox"/>			5.56		P	100.
3	<input type="checkbox"/>			16.67		P	66.6
4	<input type="checkbox"/>			18.52		P	91.7
5	<input type="checkbox"/>			9.26		P	124.
6	<input type="checkbox"/>			16.67		P	57.7
7	<input type="checkbox"/>			16.67		P	115.
8	<input type="checkbox"/>			37.04		P	22.9

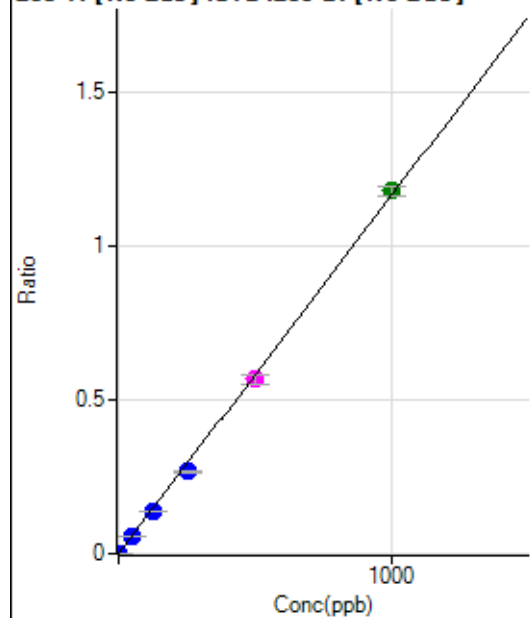
**176 Yb [No Gas] No available calibration points**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			386.13		P	9.0
2	<input type="checkbox"/>			411.13		P	4.2
3	<input type="checkbox"/>			1063.96		P	7.4
4	<input type="checkbox"/>			1947.42		P	9.8
5	<input type="checkbox"/>			3506.11		P	5.8
6	<input type="checkbox"/>			6879.75		P	5.2
7	<input type="checkbox"/>			13565.73		P	3.8
8	<input type="checkbox"/>			497.25		P	9.5



**176 Yb [He] No available calibration points**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			2742.93		P	4.6
2	<input type="checkbox"/>			2507.69		P	2.9
3	<input type="checkbox"/>			2970.76		P	0.4
4	<input type="checkbox"/>			3424.59		P	1.7
5	<input type="checkbox"/>			4195.20		P	4.4
6	<input type="checkbox"/>			5958.86		P	5.9
7	<input type="checkbox"/>			9195.96		P	2.7
8	<input type="checkbox"/>			2744.78		P	6.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	272.23	0.0001	P	13.6
2	<input type="checkbox"/>	1.000	0.849	3000.44	0.0011	P	5.1
3	<input type="checkbox"/>	50.000	47.675	151142.28	0.0556	P	2.4
4	<input type="checkbox"/>	125.000	116.134	378429.89	0.1353	P	0.5
5	<input type="checkbox"/>	250.000	229.863	759360.61	0.2677	P	2.0
6	<input type="checkbox"/>	500.000	486.923	1593125.15	0.5670	M	5.1
7	<input type="checkbox"/>	1000.000	1012.798	3260957.67	1.1792	A	2.9
8	<input type="checkbox"/>			1914.15	0.0007	P	32.9

$$y = 0.0012 * x + 1.0023E-004$$

$$R = 0.9996$$

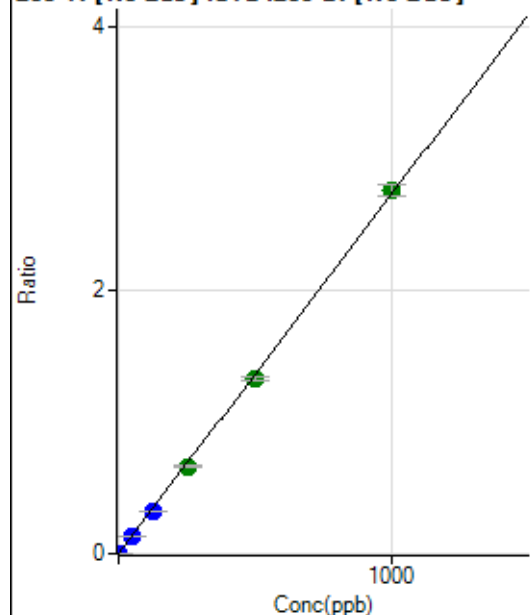
$$DL = 0.0352$$

$$BEC = 0.08609$$

Weight: &lt;None&gt;

Min Conc: 0

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



	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	652.81	0.0002	P	9.8
2	<input type="checkbox"/>	1.000	0.858	7110.50	0.0026	P	3.3
3	<input type="checkbox"/>	50.000	48.262	358764.82	0.1320	P	0.8
4	<input type="checkbox"/>	125.000	119.322	911582.67	0.3259	P	1.4
5	<input type="checkbox"/>	250.000	242.335	1877325.67	0.6617	A	1.1
6	<input type="checkbox"/>	500.000	486.571	3733890.14	1.3284	A	2.0
7	<input type="checkbox"/>	1000.000	1009.427	7619105.64	2.7556	A	3.1
8	<input type="checkbox"/>			4312.21	0.0017	P	21.8

$$y = 0.0027 * x + 2.4030E-004$$

$$R = 0.9998$$

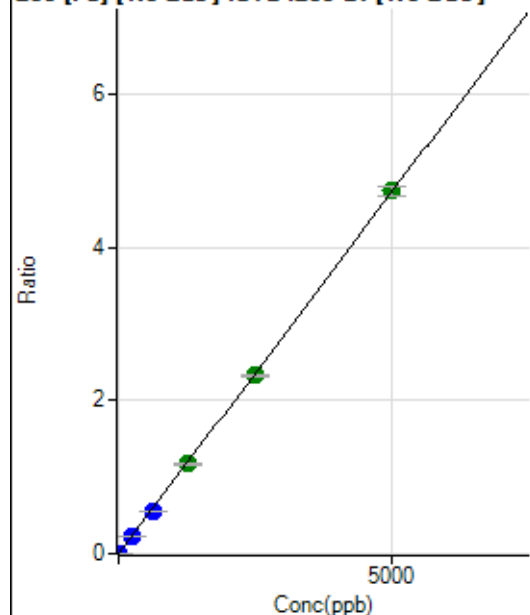
$$DL = 0.02596$$

$$BEC = 0.08803$$

Weight: &lt;None&gt;

Min Conc: 0

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



	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	633.36	0.0002	P	7.1
2	<input type="checkbox"/>	1.000	0.865	2887.41	0.0010	P	5.1
3	<input type="checkbox"/>	250.000	238.296	610730.95	0.2247	P	1.3
4	<input type="checkbox"/>	625.000	578.586	1524728.08	0.5452	P	1.5
5	<input type="checkbox"/>	1250.000	1240.310	3314725.80	1.1684	A	0.7
6	<input type="checkbox"/>	2500.000	2468.261	6535274.10	2.3250	A	0.7
7	<input type="checkbox"/>	5000.000	5024.679	13087968.81	4.7328	A	2.3
8	<input type="checkbox"/>			10721.02	0.0042	P	19.7

$$y = 9.4186E-004 * x + 2.3301E-004$$

$$R = 0.9999$$

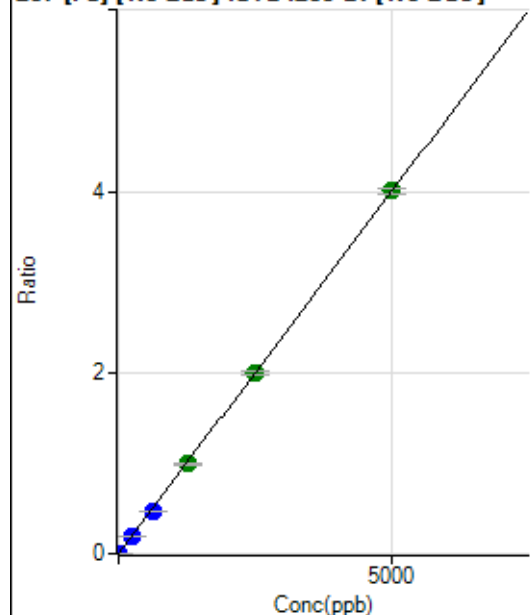
$$DL = 0.05274$$

$$BEC = 0.2474$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	587.06	0.0002	P	17.4
2	<input type="checkbox"/>	1.000	0.851	2466.95	0.0009	P	3.1
3	<input type="checkbox"/>	250.000	239.714	521288.40	0.1918	P	2.2
4	<input type="checkbox"/>	625.000	583.660	1305086.25	0.4666	P	1.6
5	<input type="checkbox"/>	1250.000	1241.037	2813828.77	0.9920	A	2.0
6	<input type="checkbox"/>	2500.000	2493.969	5603221.88	1.9933	A	1.9
7	<input type="checkbox"/>	5000.000	5010.938	11076084.74	4.0047	A	1.9
8	<input type="checkbox"/>			9083.66	0.0035	P	13.9

$$y = 7.9914\text{E-}004 * x + 2.1591\text{E-}004$$

$$R = 1.0000$$

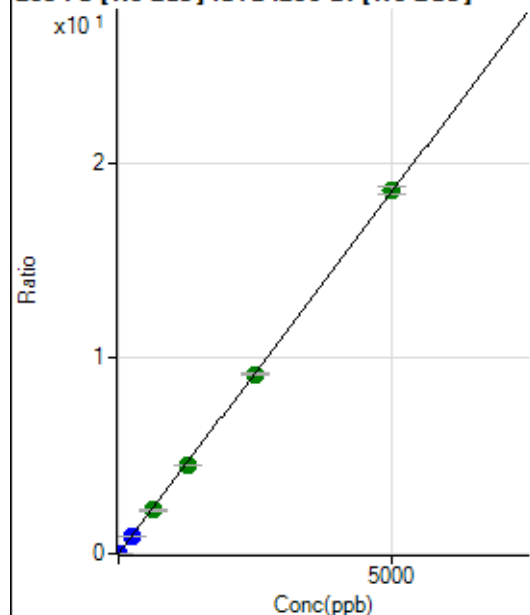
$$DL = 0.1414$$

$$BEC = 0.2702$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	2596.45	0.0010	P	7.9
2	<input type="checkbox"/>	1.000	0.873	11530.01	0.0042	P	1.4
3	<input type="checkbox"/>	250.000	238.409	2401391.13	0.8834	P	1.4
4	<input type="checkbox"/>	625.000	601.251	6226819.07	2.2265	A	1.8
5	<input type="checkbox"/>	1250.000	1234.827	12968721.21	4.5716	A	0.3
6	<input type="checkbox"/>	2500.000	2479.137	25797417.24	9.1774	A	0.8
7	<input type="checkbox"/>	5000.000	5017.773	51369014.11	18.5742	A	2.0
8	<input type="checkbox"/>			41119.31	0.0160	P	14.6

$$y = 0.0037 * x + 9.5500\text{E-}004$$

$$R = 1.0000$$

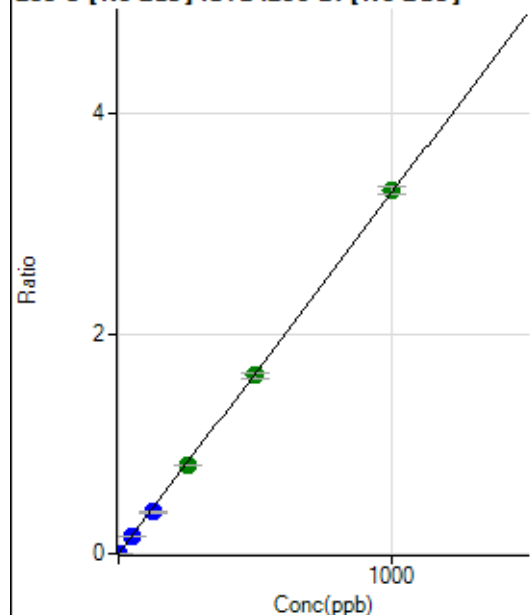
$$DL = 0.0612$$

$$BEC = 0.258$$

Weight: &lt;None&gt;

Min Conc: 0

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



	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	25.00	0.0000	P	1.0
2	<input type="checkbox"/>	1.000	0.866	7858.24	0.0029	P	0.7
3	<input type="checkbox"/>	50.000	47.805	426553.59	0.1569	P	1.9
4	<input type="checkbox"/>	125.000	114.834	1054187.86	0.3769	P	1.0
5	<input type="checkbox"/>	250.000	245.610	2287023.88	0.8062	A	0.4
6	<input type="checkbox"/>	500.000	493.999	4556558.91	1.6215	A	2.9
7	<input type="checkbox"/>	1000.000	1005.479	9126998.64	3.3003	A	2.0
8	<input type="checkbox"/>			3703.79	0.0014	P	23.6

$$y = 0.0033 * x + 9.1974E-006$$

$$R = 0.9999$$

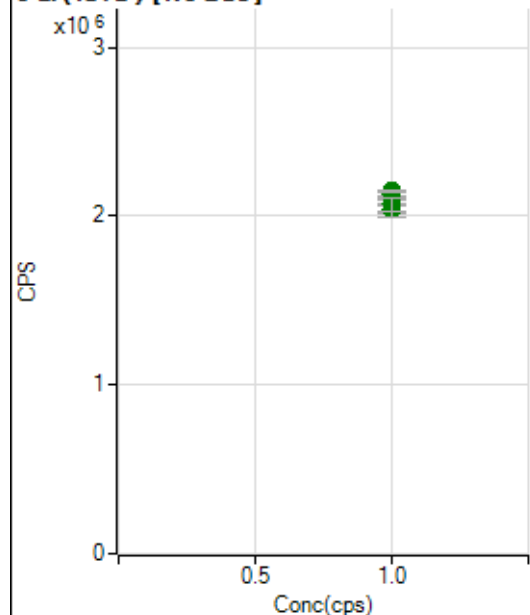
$$DL = 8.247E-05$$

$$BEC = 0.002802$$

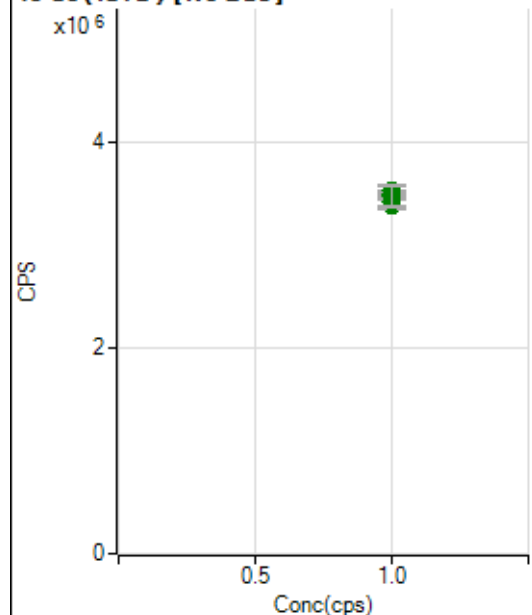
Weight: &lt;None&gt;

Min Conc: 0

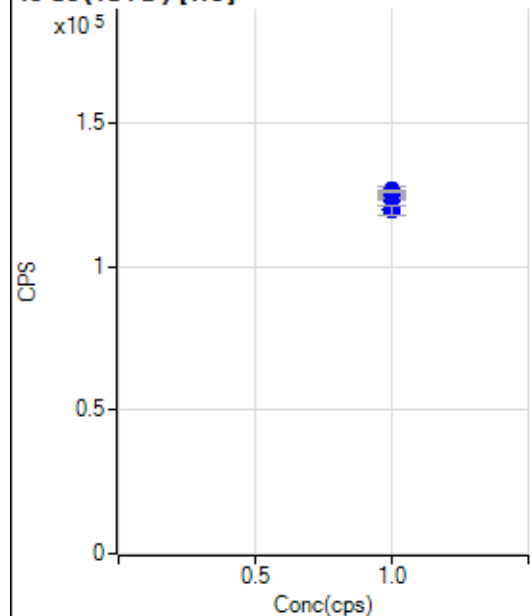
6 Li (ISTD) [No Gas]



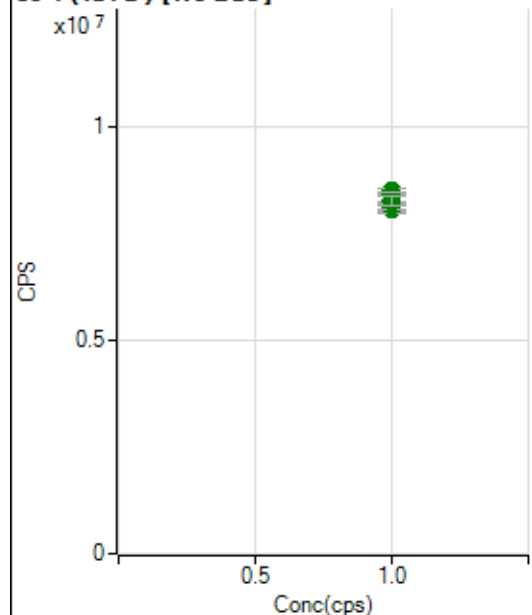
	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	1.000		2042380.07		A	1.3
2	<input type="checkbox"/>	1.000		2033289.02		A	2.2
3	<input type="checkbox"/>	1.000		2032565.67		A	3.4
4	<input type="checkbox"/>	1.000		2107728.28		A	1.0
5	<input type="checkbox"/>	1.000		2137477.51		A	1.4
6	<input type="checkbox"/>	1.000		2126125.93		A	2.9
7	<input type="checkbox"/>	1.000		2148064.02		A	0.5
8	<input type="checkbox"/>	1.000		2069329.71		A	4.0

**45 Sc (ISTD) [No Gas]**

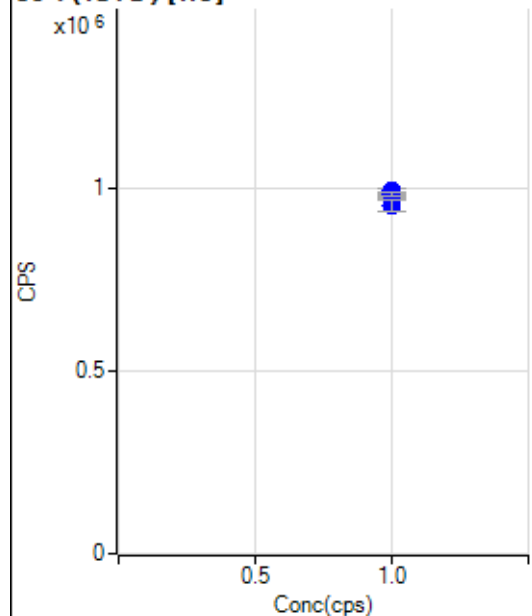
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3468365.36		A	2.4
2	<input type="checkbox"/>	1.000		3382580.47		A	2.8
3	<input type="checkbox"/>	1.000		3411295.54		A	2.7
4	<input type="checkbox"/>	1.000		3484495.92		A	1.0
5	<input type="checkbox"/>	1.000		3476664.53		A	1.3
6	<input type="checkbox"/>	1.000		3495054.74		A	1.6
7	<input type="checkbox"/>	1.000		3521594.29		A	3.4
8	<input type="checkbox"/>	1.000		3470297.45		A	4.9

**45 Sc (ISTD) [He]**

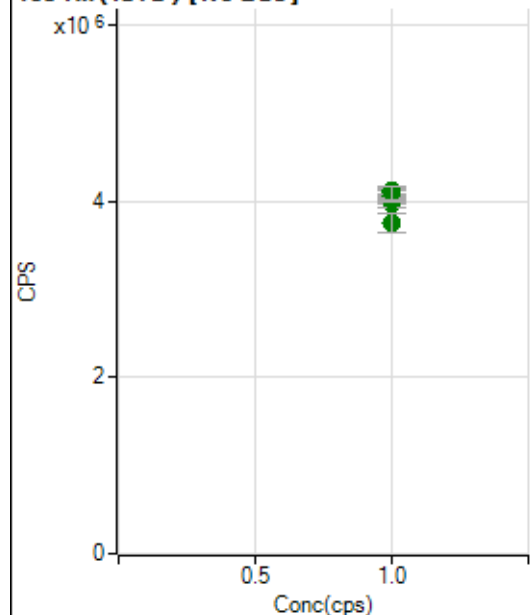
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		126621.89		P	2.1
2	<input type="checkbox"/>	1.000		125151.80		P	1.1
3	<input type="checkbox"/>	1.000		124955.26		P	0.7
4	<input type="checkbox"/>	1.000		125462.74		P	0.9
5	<input type="checkbox"/>	1.000		124377.08		P	1.3
6	<input type="checkbox"/>	1.000		124255.51		P	0.5
7	<input type="checkbox"/>	1.000		126304.32		P	0.7
8	<input type="checkbox"/>	1.000		119806.21		P	2.4

**89 Y (ISTD) [No Gas]**

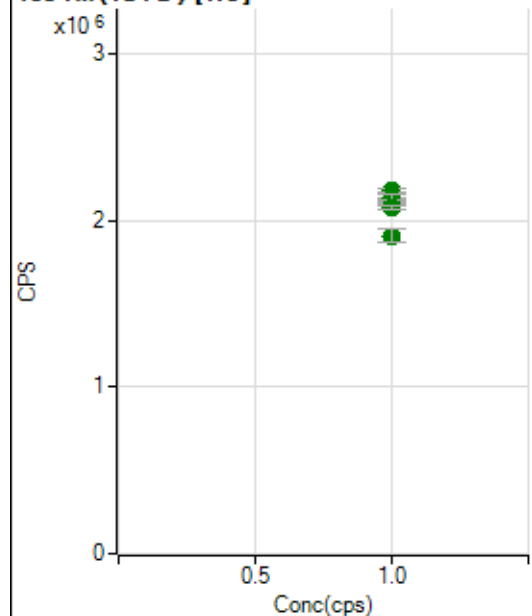
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8094711.41		A	1.9
2	<input type="checkbox"/>	1.000		8076263.28		A	2.7
3	<input type="checkbox"/>	1.000		8144885.85		A	2.0
4	<input type="checkbox"/>	1.000		8299328.84		A	2.1
5	<input type="checkbox"/>	1.000		8365752.86		A	0.1
6	<input type="checkbox"/>	1.000		8503189.53		A	1.9
7	<input type="checkbox"/>	1.000		8426902.79		A	0.9
8	<input type="checkbox"/>	1.000		8270294.32		A	2.8

**89 Y (ISTD) [He]**

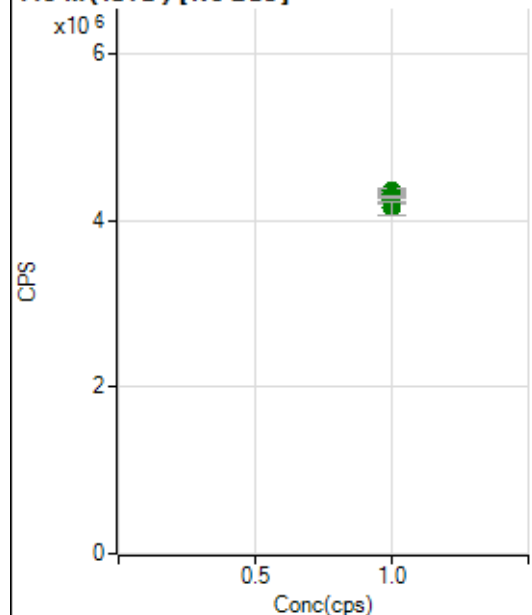
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		994786.05		P	1.5
2	<input type="checkbox"/>	1.000		976350.21		P	1.1
3	<input type="checkbox"/>	1.000		986234.69		P	0.7
4	<input type="checkbox"/>	1.000		987292.15		P	0.4
5	<input type="checkbox"/>	1.000		977799.07		P	0.7
6	<input type="checkbox"/>	1.000		988785.37		P	0.5
7	<input type="checkbox"/>	1.000		987819.46		P	1.2
8	<input type="checkbox"/>	1.000		955171.73		P	3.1

**103 Rh (ISTD) [No Gas]**

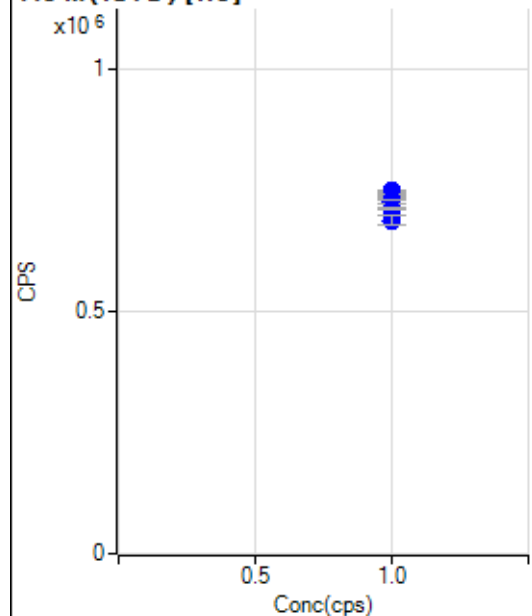
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4042081.47		A	1.9
2	<input type="checkbox"/>	1.000		4034333.77		A	1.5
3	<input type="checkbox"/>	1.000		3980750.09		A	2.8
4	<input type="checkbox"/>	1.000		4051923.01		A	4.0
5	<input type="checkbox"/>	1.000		4012134.64		A	1.1
6	<input type="checkbox"/>	1.000		4117014.20		A	1.3
7	<input type="checkbox"/>	1.000		4096663.64		A	3.6
8	<input type="checkbox"/>	1.000		3750172.52		A	5.5

**103 Rh (ISTD) [He]**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2175235.00		A	1.9
2	<input type="checkbox"/>	1.000		2118519.71		A	1.8
3	<input type="checkbox"/>	1.000		2157139.74		A	0.4
4	<input type="checkbox"/>	1.000		2160424.60		A	0.8
5	<input type="checkbox"/>	1.000		2102862.49		A	0.9
6	<input type="checkbox"/>	1.000		2138323.16		A	1.8
7	<input type="checkbox"/>	1.000		2077612.10		A	1.3
8	<input type="checkbox"/>	1.000		1907502.54		A	4.4

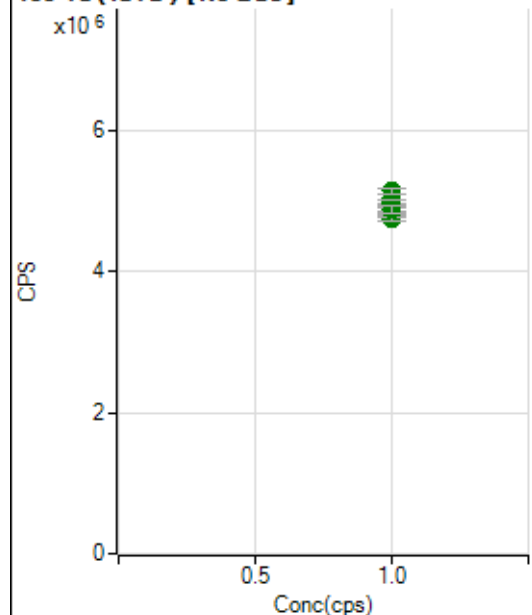
**115 In (ISTD) [No Gas]**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4205112.32		A	0.7
2	<input type="checkbox"/>	1.000		4251729.91		A	2.4
3	<input type="checkbox"/>	1.000		4253066.59		A	2.1
4	<input type="checkbox"/>	1.000		4317590.53		A	2.0
5	<input type="checkbox"/>	1.000		4351371.83		A	1.1
6	<input type="checkbox"/>	1.000		4295842.45		A	1.4
7	<input type="checkbox"/>	1.000		4284446.37		A	0.7
8	<input type="checkbox"/>	1.000		4140472.74		A	3.6

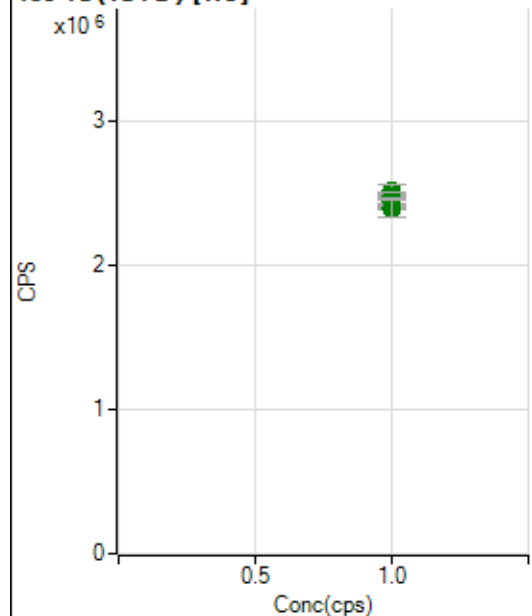
**115 In (ISTD) [He]**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		749899.33		P	0.5
2	<input type="checkbox"/>	1.000		744240.47		P	1.3
3	<input type="checkbox"/>	1.000		741284.56		P	0.5
4	<input type="checkbox"/>	1.000		733318.43		P	0.2
5	<input type="checkbox"/>	1.000		730901.07		P	0.4
6	<input type="checkbox"/>	1.000		726676.96		P	1.1
7	<input type="checkbox"/>	1.000		712671.59		P	0.8
8	<input type="checkbox"/>	1.000		688952.44		P	2.6

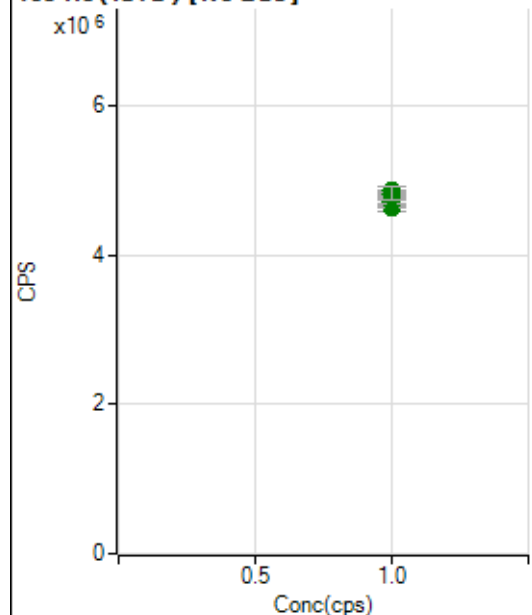


**159 Tb (ISTD) [No Gas]**

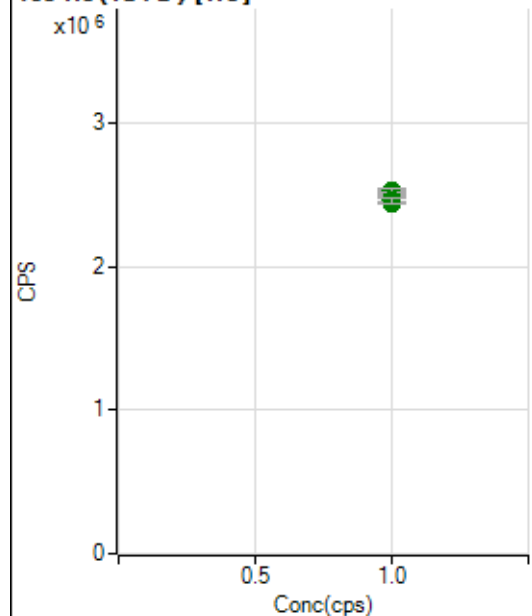
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4834587.08		A	0.9
2	<input type="checkbox"/>	1.000		4889558.64		A	2.9
3	<input type="checkbox"/>	1.000		4758400.45		A	1.2
4	<input type="checkbox"/>	1.000		4969317.36		A	2.1
5	<input type="checkbox"/>	1.000		5004826.77		A	4.0
6	<input type="checkbox"/>	1.000		5057054.33		A	1.7
7	<input type="checkbox"/>	1.000		5150237.08		A	1.7
8	<input type="checkbox"/>	1.000		4895276.42		A	2.3

**159 Tb (ISTD) [He]**

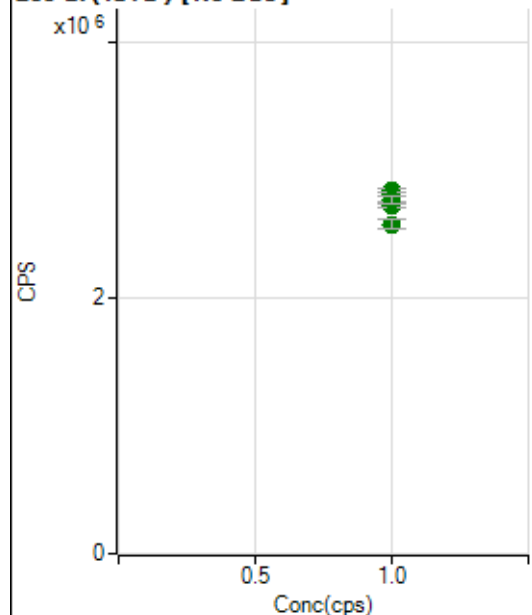
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2407432.83		A	1.1
2	<input type="checkbox"/>	1.000		2392958.37		A	0.8
3	<input type="checkbox"/>	1.000		2459291.91		A	0.8
4	<input type="checkbox"/>	1.000		2510196.02		A	3.1
5	<input type="checkbox"/>	1.000		2471121.02		A	1.2
6	<input type="checkbox"/>	1.000		2474407.79		A	2.0
7	<input type="checkbox"/>	1.000		2439930.17		A	2.1
8	<input type="checkbox"/>	1.000		2387910.71		A	5.1

**165 Ho (ISTD) [No Gas]**

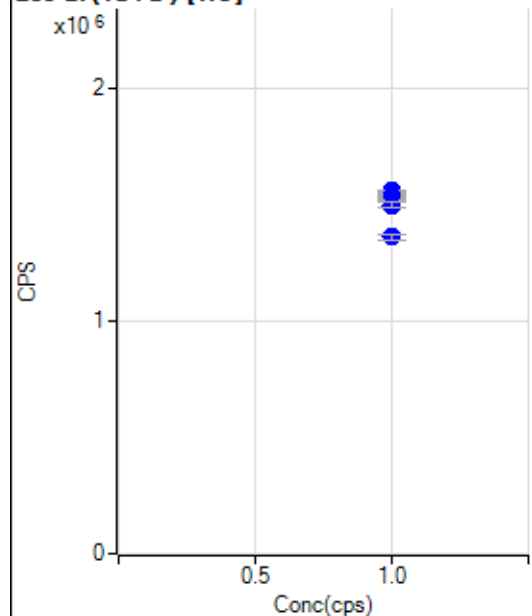
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4706828.45		A	1.2
2	<input type="checkbox"/>	1.000		4619367.90		A	1.4
3	<input type="checkbox"/>	1.000		4636454.83		A	0.5
4	<input type="checkbox"/>	1.000		4712206.57		A	1.5
5	<input type="checkbox"/>	1.000		4834311.31		A	1.1
6	<input type="checkbox"/>	1.000		4780735.26		A	2.4
7	<input type="checkbox"/>	1.000		4854431.01		A	2.4
8	<input type="checkbox"/>	1.000		4822403.58		A	3.6

**165 Ho (ISTD) [He]**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2503303.92		A	0.7
2	<input type="checkbox"/>	1.000		2445007.92		A	0.8
3	<input type="checkbox"/>	1.000		2465742.57		A	1.8
4	<input type="checkbox"/>	1.000		2479973.54		A	2.0
5	<input type="checkbox"/>	1.000		2467125.15		A	1.8
6	<input type="checkbox"/>	1.000		2515648.40		A	1.2
7	<input type="checkbox"/>	1.000		2530860.57		A	1.0
8	<input type="checkbox"/>	1.000		2465103.91		A	1.6

**209 Bi (ISTD) [No Gas]**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2718337.83		A	1.0
2	<input type="checkbox"/>	1.000		2754565.31		A	0.2
3	<input type="checkbox"/>	1.000		2718513.57		A	1.0
4	<input type="checkbox"/>	1.000		2796840.31		A	0.4
5	<input type="checkbox"/>	1.000		2836815.51		A	1.1
6	<input type="checkbox"/>	1.000		2810808.12		A	1.2
7	<input type="checkbox"/>	1.000		2766438.00		A	2.6
8	<input type="checkbox"/>	1.000		2577398.33		A	2.7

**209 Bi (ISTD) [He]**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1560305.45		P	0.5
2	<input type="checkbox"/>	1.000		1537169.68		P	1.4
3	<input type="checkbox"/>	1.000		1541531.88		P	1.0
4	<input type="checkbox"/>	1.000		1526596.91		P	1.0
5	<input type="checkbox"/>	1.000		1531751.52		P	0.6
6	<input type="checkbox"/>	1.000		1519653.40		P	0.5
7	<input type="checkbox"/>	1.000		1500459.12		P	1.6
8	<input type="checkbox"/>	1.000		1362394.83		P	1.9

# US EPA Tune Check Report

**Operator Name** Jaswal  
**Acq/Data Batch** D:\Agilent\ICPMH\1\DATA\IP8122121 MS.b  
**Acq. Date-Time** 2021-12-21 12:10:29  
**Report Comment** ---  
**Instrument Name** G8403A SG19224459

[No Gas]

## Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		5746	57462.53			0.366	5.000
24		49330	493302.36			0.415	5.000
25		6426	64256.61			0.991	5.000
26		7370	73704.85			0.700	5.000
59		11601	116014.20			0.794	5.000
113		4676	46764.50			0.810	5.000
115		16112	161124.73			0.525	5.000
206		6219	62189.56			0.808	5.000
207		5306	53063.98			1.569	5.000
208		12813	128125.32			0.916	5.000
220		1	9.10			27.307	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

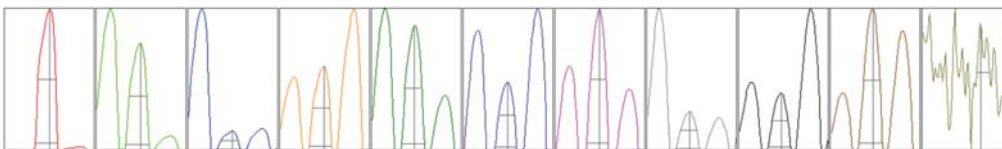
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	5721	5769	5753	5761	5727
24	49016	49419	49470	49236	49511
25	6329	6487	6400	6473	6440
26	7295	7435	7363	7395	7364
59	11499	11682	11516	11699	11611
113	4681	4739	4665	4640	4658
115	16082	16218	16153	16119	15991
206	6157	6223	6224	6295	6196
207	5179	5304	5341	5407	5301
208	12622	12811	12879	12933	12818

# US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	1	1	1

Integration Time [sec] 0.1

## Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	10519.92	9.05	8.90 - 9.10	
24	88928.58	24.00	23.90 - 24.10	
25	11884.92	25.00	24.90 - 25.10	
26	13449.37	26.00	25.90 - 26.10	
59	21988.65	58.95	58.90 - 59.10	
113	9279.08	113.00	112.90 - 113.10	
115	32229.19	115.00	114.90 - 115.10	
206	11831.67	205.95	205.90 - 206.10	
207	9901.98	206.95	206.90 - 207.10	
208	24223.41	207.95	207.90 - 208.10	
220	1.25	220.50	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.739	0.900	
24	0.59	0.782	0.900	
25	0.58	0.780	0.900	
26	0.59	0.741	0.900	
59	0.56	0.771	0.900	
113	0.53	0.724	0.900	
115	0.52	0.730	0.900	
206	0.55	0.787	0.900	
207	0.54	0.745	0.900	
208	0.55	0.784	0.900	
220	0.43			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

## Tune Parameters

### Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.73 L/min Dilution Gas 0.40 L/min

# US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

## Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.8 V	Deflect	15.2 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 V	Cell Exit	-50 V		

## Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

## QP Parameters

Mass Gain	122	Axis Gain	0.9989	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.01		

## Hardware Settings

### Torch

Torch H	0.9 mm	Torch V	-0.7 mm
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### EM

Discriminator	4.0 mV	Analog HV	2279 V	Pulse HV	1604 V
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[He]

## Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		3019	30185.16			1.079	
89		9669	96686.95			1.439	
205		13310	133096.37			1.324	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	3025	2997	3072	3007	2992
89	9680	9640	9899	9577	9547
205	13237	13255	13610	13296	13150

Integration Time [sec] 0.1

## Tune Parameters

### Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

## Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.8 V	Deflect	4.4 V
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# US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 V	Cell Exit	-70 V		

## Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

## QP Parameters

Mass Gain	122	Axis Gain	0.9989	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		

## Hardware Settings

### Torch

Torch H	0.9 mm	Torch V	-0.7 mm
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### EM

Discriminator	4.0 mV	Analog HV	2279 V	Pulse HV	1604 V
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