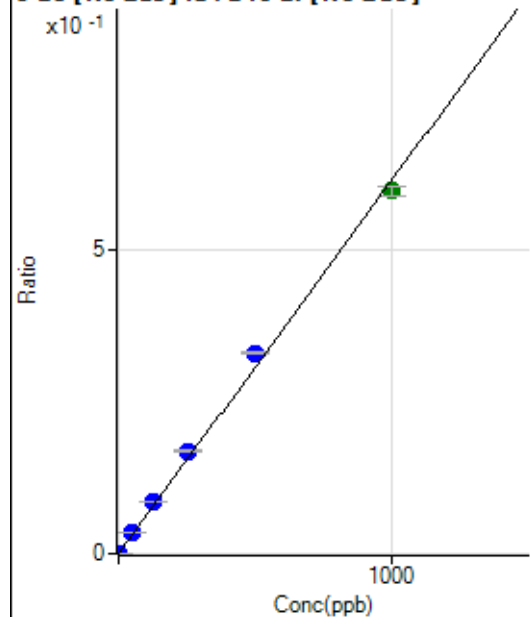


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100623 MS.b\  
Analysis File: P7100623 MS.batch.bin  
DA Date-Time: 2023-10-06 16:47:27  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-10-06 14:07:43
2	006CALS.d	S02	2023-10-06 14:14:15
3	007CALS.d	S03	2023-10-06 14:17:31
4	008CALS.d	S04	2023-10-06 14:20:39
5	009CALS.d	S05	2023-10-06 14:23:34
6	010CALS.d	S06	2023-10-06 14:26:25
7	011CALS.d	S07	2023-10-06 14:29:11
8	012CALS.d	S08	2023-10-06 14:31:59

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	101.11	0.0000	P	16.2
2	<input type="checkbox"/>	1.000	1.089	1997.92	0.0007	P	5.3
3	<input type="checkbox"/>	50.000	57.221	97260.57	0.0352	P	0.8
4	<input type="checkbox"/>	125.000	139.761	235862.13	0.0858	P	0.8
5	<input type="checkbox"/>	250.000	275.623	452888.76	0.1692	P	0.8
6	<input type="checkbox"/>	500.000	537.103	871398.02	0.3297	P	1.1
7	<input type="checkbox"/>	1000.000	972.836	1557063.73	0.5972	A	2.5
8	<input type="checkbox"/>			500.01	0.0002	P	7.3

$$y = 6.1379\text{E-}004 * x + 3.5952\text{E-}005$$

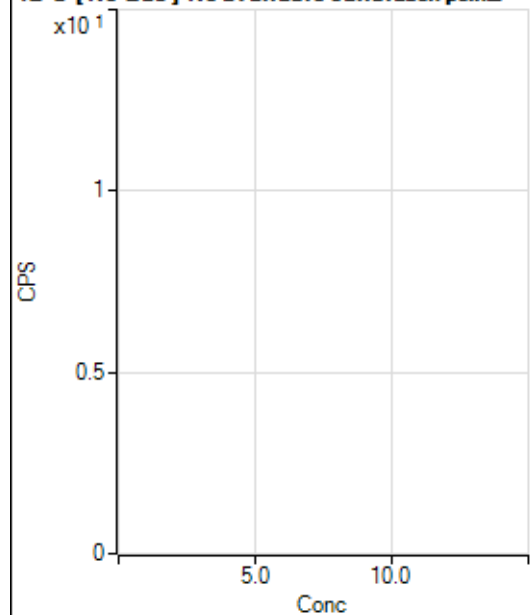
$$R = 0.9985$$

$$DL = 0.02849$$

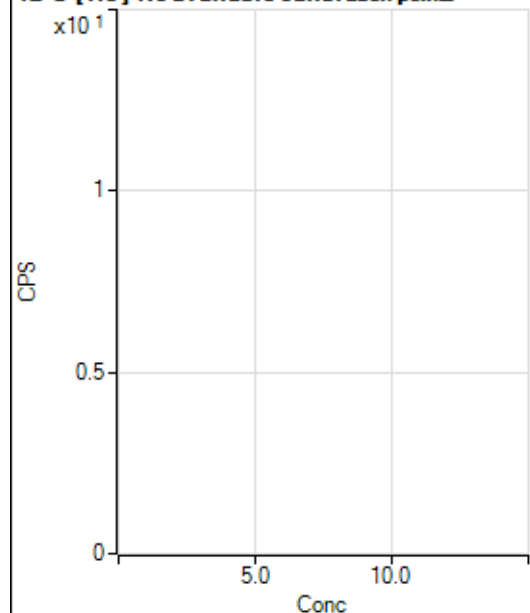
$$BEC = 0.05857$$

Weight: &lt;None&gt;

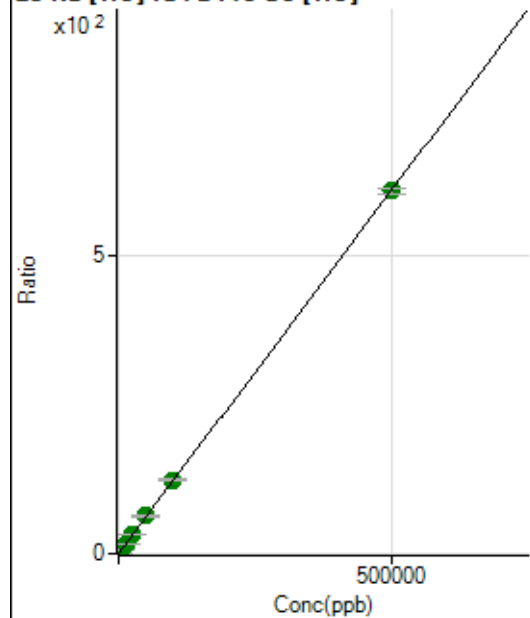
Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	11050.72	0.0270	P	1.0
2	<input type="checkbox"/>	500.000	493.302	258060.08	0.6279	P	1.2
3	<input type="checkbox"/>	5000.000	5835.809	2552956.33	7.1353	A	13.8
4	<input type="checkbox"/>	12500.000	13030.898	6162932.34	15.8992	A	1.3
5	<input type="checkbox"/>	25000.000	26149.843	12021729.82	31.8785	A	1.2
6	<input type="checkbox"/>	50000.000	51733.116	23383919.93	63.0400	A	0.8
7	<input type="checkbox"/>	100000.00	101641.36	45539439.32	123.8302	A	1.4
8	<input type="checkbox"/>	500000.00	499419.29	210469010.2	608.3391	A	1.6

$$y = 0.0012 * x + 0.0270$$

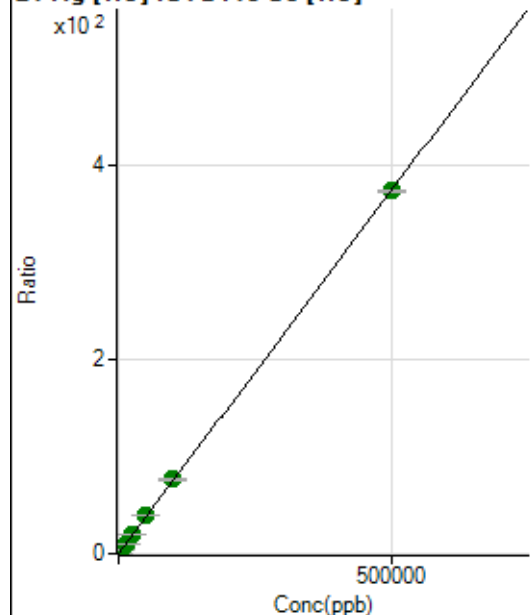
$$R = 1.0000$$

$$DL = 0.6332$$

$$BEC = 22.18$$

Weight: &lt;None&gt;

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	532.24	0.0013	P	1.7
2	<input type="checkbox"/>	500.000	493.272	151962.76	0.3697	P	1.1
3	<input type="checkbox"/>	5000.000	5914.784	1580874.70	4.4192	A	14.0
4	<input type="checkbox"/>	12500.000	13240.776	3834406.16	9.8912	A	0.6
5	<input type="checkbox"/>	25000.000	26421.689	7443271.07	19.7364	A	0.4
6	<input type="checkbox"/>	50000.000	52151.178	14449595.90	38.9545	A	0.7
7	<input type="checkbox"/>	100000.00	102150.62	28060513.47	76.3005	A	1.2
8	<input type="checkbox"/>	500000.00	499256.01	129019706.9	372.9098	A	0.8

$$y = 7.4693\text{E-}004 * x + 0.0013$$

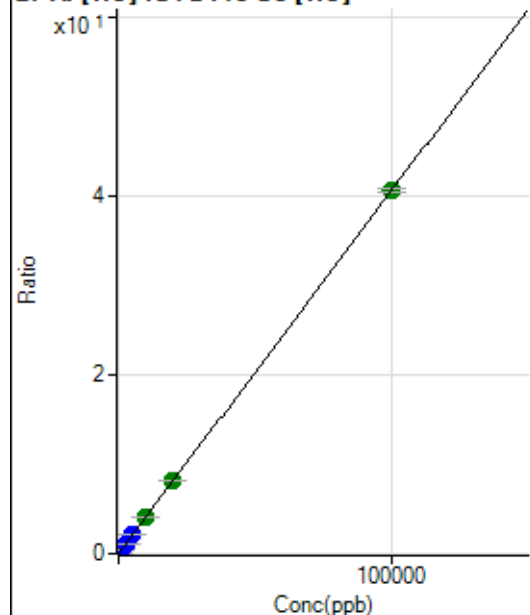
$$R = 1.0000$$

$$DL = 0.08785$$

$$BEC = 1.742$$

Weight: &lt;None&gt;

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	130.00	0.0003	P	4.0
2	<input type="checkbox"/>	20.000	22.886	3948.32	0.0096	P	1.2
3	<input type="checkbox"/>	1000.000	1229.355	178667.19	0.4993	P	13.7
4	<input type="checkbox"/>	2500.000	2736.622	430677.34	1.1110	P	1.0
5	<input type="checkbox"/>	5000.000	5510.802	843615.79	2.2370	P	0.4
6	<input type="checkbox"/>	10000.000	10226.416	1539701.51	4.1509	A	1.8
7	<input type="checkbox"/>	20000.000	20023.908	2989014.75	8.1275	A	1.5
8	<input type="checkbox"/>	100000.00	99938.827	14033834.37	40.5628	A	1.0

$$y = 4.0587\text{E-}004 * x + 3.1782\text{E-}004$$

$$R = 1.0000$$

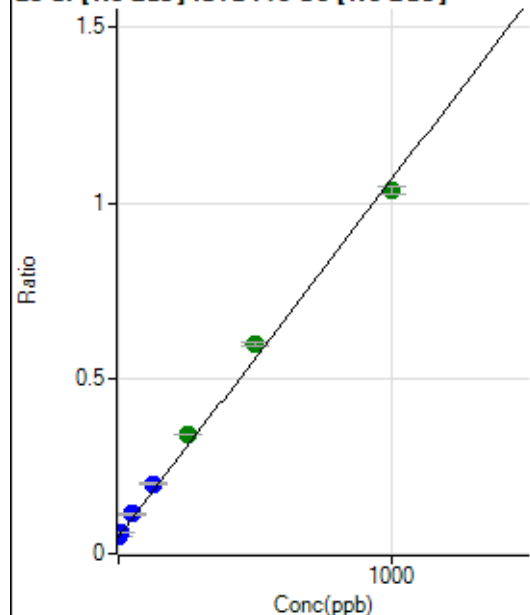
$$DL = 0.09425$$

$$BEC = 0.783$$

Weight: &lt;None&gt;

Min Conc: 0

28 Si [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	273732.92	0.0487	P	0.7
2	<input type="checkbox"/>	10.000	12.451	351305.97	0.0613	P	0.5
3	<input type="checkbox"/>	50.000	63.383	627522.87	0.1132	P	1.9
4	<input type="checkbox"/>	125.000	148.551	1096402.41	0.1999	P	2.2
5	<input type="checkbox"/>	250.000	286.755	1802120.22	0.3406	A	1.2
6	<input type="checkbox"/>	500.000	537.725	3124994.02	0.5962	A	1.5
7	<input type="checkbox"/>	1000.000	968.311	5441189.05	1.0346	A	2.1
8	<input type="checkbox"/>			335905.66	0.0679	P	1.3

$$y = 0.0010 * x + 0.0487$$

$$R = 0.9981$$

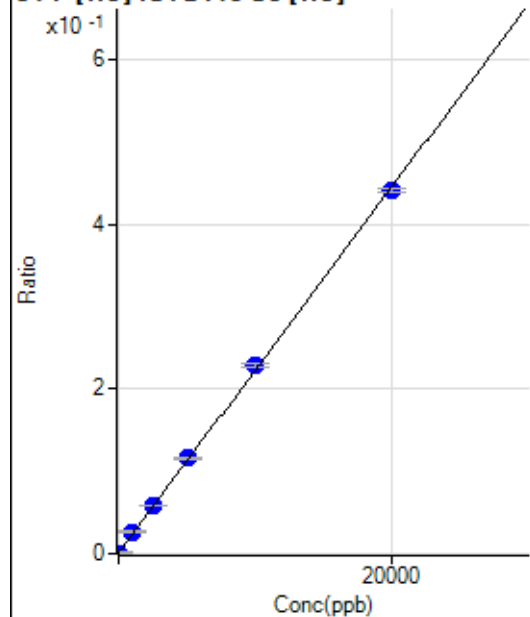
$$DL = 1.075$$

$$BEC = 47.79$$

Weight: &lt;None&gt;

Min Conc: 0

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



	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	-8.551	311.12	0.0008	P	5.2
2	<input type="checkbox"/>	0.000	8.551	468.90	0.0011	P	8.5
3	<input type="checkbox"/>	1000.000	1161.724	9580.85	0.0268	P	12.8
4	<input type="checkbox"/>	2500.000	2585.139	22624.55	0.0584	P	0.8
5	<input type="checkbox"/>	5000.000	5173.288	43688.80	0.1158	P	0.7
6	<input type="checkbox"/>	10000.000	10264.343	84911.32	0.2289	P	1.7
7	<input type="checkbox"/>	20000.000	19805.778	162120.32	0.4408	P	1.2
8	<input type="checkbox"/>			287.78	0.0008	P	6.4

$$y = 2.2210E-005 * x + 9.5039E-004$$

$$R = 0.9998$$

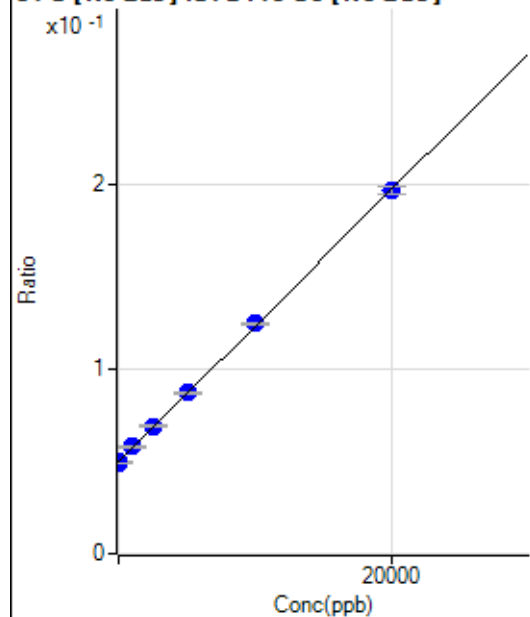
$$DL = 9.223$$

$$BEC = 42.79$$

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	74.810	281135.62	0.0500	P	1.1
2	<input type="checkbox"/>	0.000	-74.810	279933.08	0.0489	P	0.7
3	<input type="checkbox"/>	1000.000	1157.851	321330.02	0.0580	P	1.7
4	<input type="checkbox"/>	2500.000	2635.507	377670.83	0.0689	P	1.5
5	<input type="checkbox"/>	5000.000	5101.538	460514.21	0.0870	P	0.8
6	<input type="checkbox"/>	10000.000	10136.144	650886.84	0.1242	P	0.6
7	<input type="checkbox"/>	20000.000	19881.712	1030985.46	0.1960	P	2.1
8	<input type="checkbox"/>			228227.56	0.0461	P	2.0

$$y = 7.3740\text{E-}006 * x + 0.0494$$

$$R = 0.9999$$

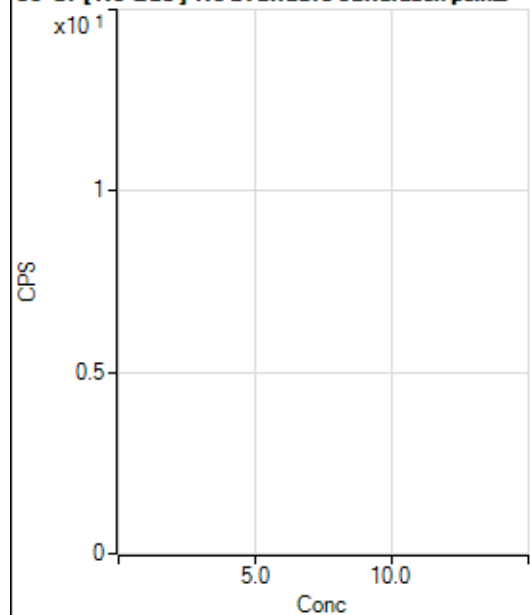
$$DL = 187.6$$

$$BEC = 6702$$

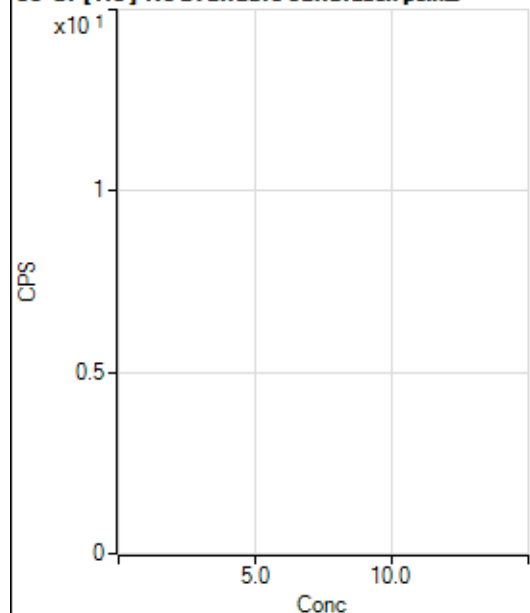
Weight: &lt;None&gt;

Min Conc: 0

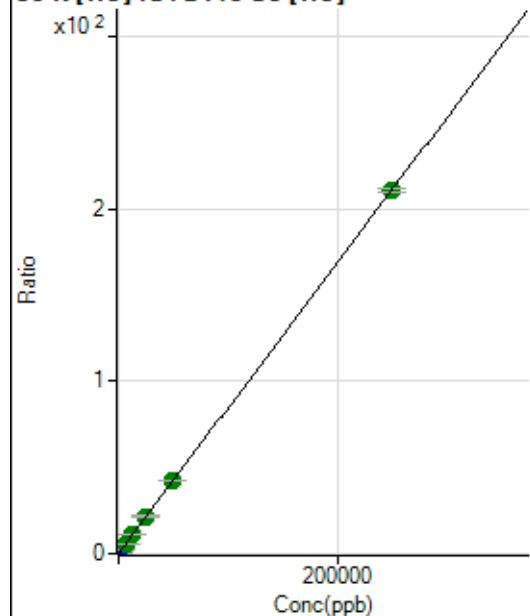
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	58370.26	0.1427	P	0.5
2	<input type="checkbox"/>	500.000	495.386	230280.01	0.5603	P	0.7
3	<input type="checkbox"/>	2500.000	3174.783	1008897.73	2.8188	P	13.4
4	<input type="checkbox"/>	6250.000	6572.067	2202629.40	5.6824	A	1.4
5	<input type="checkbox"/>	12500.000	12973.098	4177393.45	11.0780	A	1.7
6	<input type="checkbox"/>	25000.000	25662.650	8076888.14	21.7743	A	0.7
7	<input type="checkbox"/>	50000.000	50430.210	15686456.02	42.6514	A	0.4
8	<input type="checkbox"/>	250000.00	249809.24	72901318.91	210.7121	A	1.2

$$y = 8.4292E-004 * x + 0.1427$$

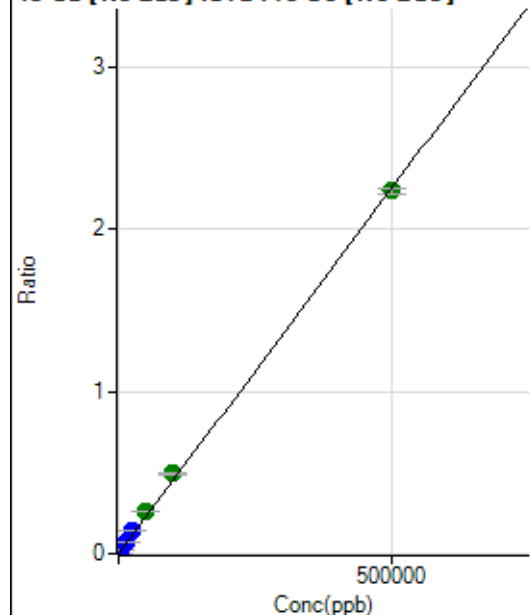
$$R = 1.0000$$

$$DL = 2.371$$

$$BEC = 169.3$$

Weight: &lt;None&gt;

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	710.02	0.0001	P	13.2
2	<input type="checkbox"/>	500.000	479.575	13095.75	0.0023	P	1.8
3	<input type="checkbox"/>	5000.000	6215.530	155903.54	0.0281	P	2.5
4	<input type="checkbox"/>	12500.000	15317.228	379107.59	0.0691	P	1.9
5	<input type="checkbox"/>	25000.000	30678.680	731779.30	0.1383	P	0.9
6	<input type="checkbox"/>	50000.000	57453.525	1357260.90	0.2589	A	0.6
7	<input type="checkbox"/>	100000.00	110197.68	2610884.72	0.4965	A	3.1
8	<input type="checkbox"/>	500000.00	496848.61	11074623.72	2.2381	A	1.3

$$y = 4.5044\text{E-}006 * x + 1.2626\text{E-}004$$

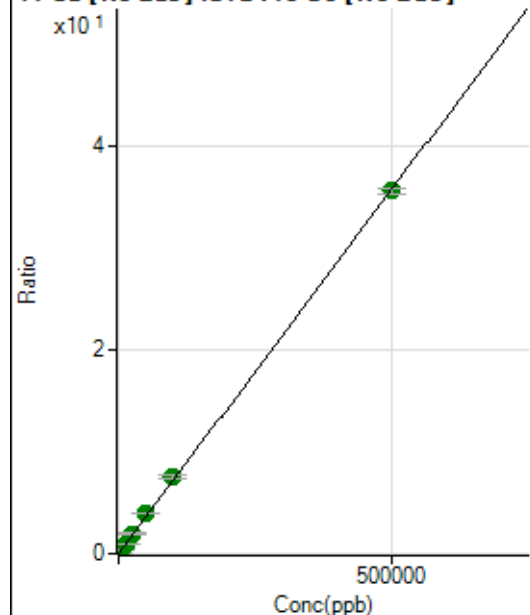
$$R = 0.9997$$

$$DL = 11.12$$

$$BEC = 28.03$$

Weight: &lt;None&gt;

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	9606.45	0.0017	P	0.7
2	<input type="checkbox"/>	500.000	485.417	208714.46	0.0364	P	0.8
3	<input type="checkbox"/>	5000.000	5634.735	2244498.27	0.4049	A	3.1
4	<input type="checkbox"/>	12500.000	13742.105	5402407.35	0.9850	A	1.7
5	<input type="checkbox"/>	25000.000	27672.970	10484778.94	1.9817	A	1.3
6	<input type="checkbox"/>	50000.000	54641.309	20503203.03	3.9114	A	1.1
7	<input type="checkbox"/>	100000.00	105332.64	39641078.85	7.5384	A	3.1
8	<input type="checkbox"/>	500000.00	498298.30	176417870.7	35.6556	A	1.9

$$y = 7.1551\text{E-}005 * x + 0.0017$$

$$R = 0.9999$$

$$DL = 0.5183$$

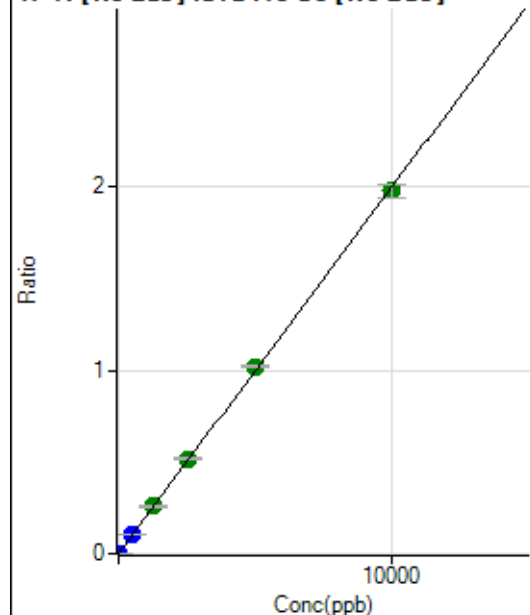
$$BEC = 23.86$$

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	100.00	0.0000	P	43.7
2	<input type="checkbox"/>	5.000	5.388	6266.04	0.0011	P	17.9
3	<input type="checkbox"/>	500.000	539.248	597519.71	0.1078	P	1.3
4	<input type="checkbox"/>	1250.000	1293.639	1417956.04	0.2585	A	1.7
5	<input type="checkbox"/>	2500.000	2597.635	2746547.04	0.5191	A	1.0
6	<input type="checkbox"/>	5000.000	5118.079	5361019.96	1.0228	A	1.8
7	<input type="checkbox"/>	10000.000	9909.134	10412261.30	1.9802	A	3.5
8	<input type="checkbox"/>			1377.85	0.0003	P	1.5

$$y = 1.9983\text{E-}004 * x + 1.7793\text{E-}005$$

$$R = 0.9998$$

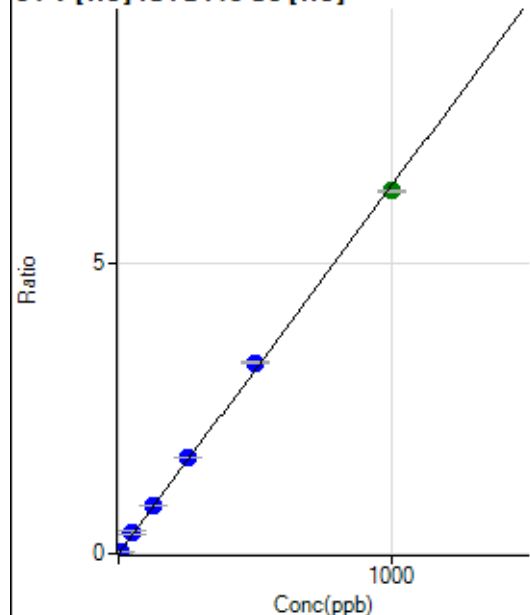
$$DL = 0.1168$$

$$BEC = 0.08904$$

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	10.00	0.0000	P	32.7
2	<input type="checkbox"/>	5.000	4.591	11995.96	0.0292	P	1.9
3	<input type="checkbox"/>	50.000	57.777	131321.77	0.3670	P	13.9
4	<input type="checkbox"/>	125.000	129.485	318869.58	0.8226	P	1.0
5	<input type="checkbox"/>	250.000	261.124	625535.53	1.6588	P	0.9
6	<input type="checkbox"/>	500.000	519.907	1225077.01	3.3026	P	0.3
7	<input type="checkbox"/>	1000.000	986.318	2304295.57	6.2654	A	0.7
8	<input type="checkbox"/>			523.35	0.0015	P	1.3

$$y = 0.0064 * x + 2.4414\text{E-}005$$

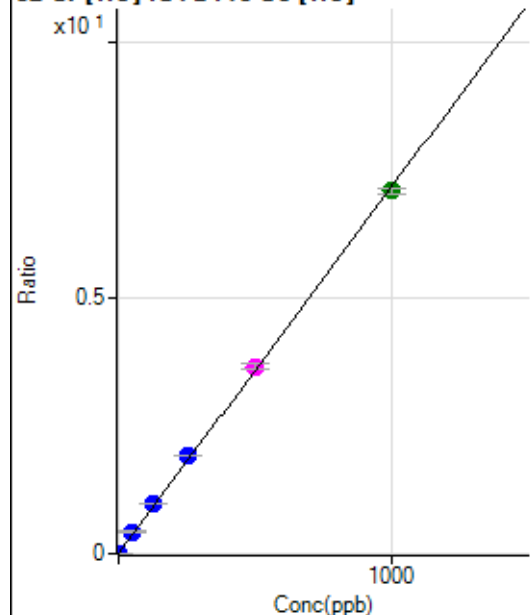
$$R = 0.9996$$

$$DL = 0.003774$$

$$BEC = 0.003843$$

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	1228.95	0.0030	P	3.3
2	<input type="checkbox"/>	2.000	2.058	7297.38	0.0178	P	3.5
3	<input type="checkbox"/>	50.000	59.720	154236.22	0.4311	P	13.9
4	<input type="checkbox"/>	125.000	134.025	373569.68	0.9637	P	0.9
5	<input type="checkbox"/>	250.000	266.622	721858.65	1.9142	P	0.9
6	<input type="checkbox"/>	500.000	509.999	1357219.20	3.6588	M	2.8
7	<input type="checkbox"/>	1000.000	989.231	2608840.95	7.0940	A	1.6
8	<input type="checkbox"/>			7059.57	0.0204	P	1.3

$$y = 0.0072 * x + 0.0030$$

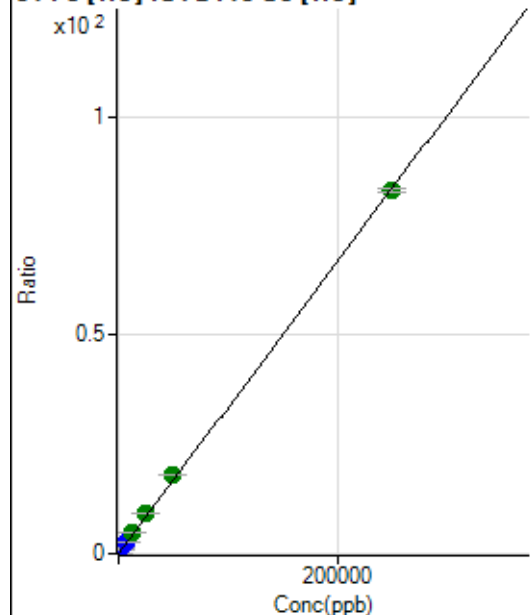
$$R = 0.9998$$

$$DL = 0.04181$$

$$BEC = 0.4191$$

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	1474.53	0.0036	P	9.9
2	<input type="checkbox"/>	50.000	55.257	9062.80	0.0220	P	1.3
3	<input type="checkbox"/>	2500.000	3365.499	403162.37	1.1269	P	13.9
4	<input type="checkbox"/>	6250.000	7521.317	974549.69	2.5140	P	0.4
5	<input type="checkbox"/>	12500.000	14041.094	1768707.93	4.6901	A	0.7
6	<input type="checkbox"/>	25000.000	27768.452	3439273.80	9.2719	A	1.0
7	<input type="checkbox"/>	50000.000	54029.857	6633451.15	18.0372	A	1.1
8	<input type="checkbox"/>	250000.00	248799.69	28731742.07	83.0456	A	1.2

$$y = 3.3377E-004 * x + 0.0036$$

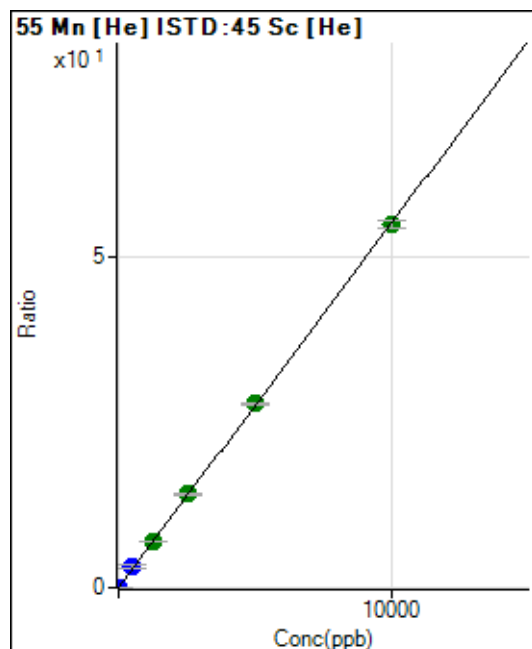
$$R = 0.9998$$

$$DL = 3.217$$

$$BEC = 10.8$$

Weight: &lt;None&gt;

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	282.23	0.0007	P	11.3
2	<input type="checkbox"/>	1.000	1.048	2655.82	0.0065	P	1.7
3	<input type="checkbox"/>	500.000	593.077	1168445.91	3.2661	P	14.0
4	<input type="checkbox"/>	1250.000	1276.048	2723688.81	7.0265	A	1.8
5	<input type="checkbox"/>	2500.000	2559.036	5313553.25	14.0906	A	1.3
6	<input type="checkbox"/>	5000.000	5052.723	10319666.16	27.8207	A	0.7
7	<input type="checkbox"/>	10000.000	9950.970	20148546.51	54.7902	A	2.0
8	<input type="checkbox"/>			9994.50	0.0289	P	3.3

$$y = 0.0055 * x + 6.8975E-004$$

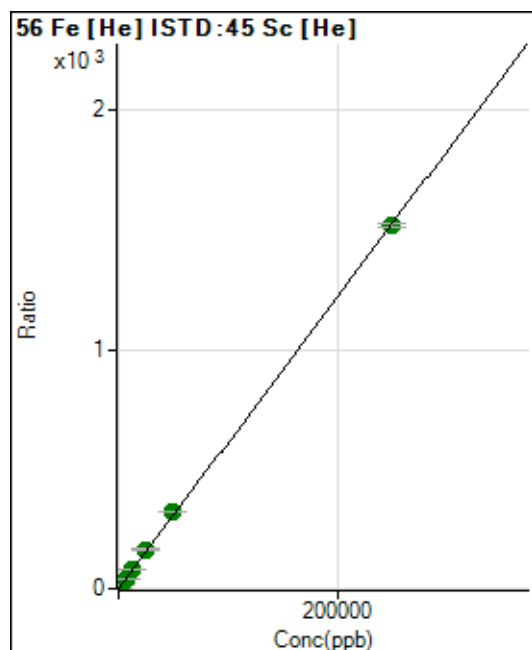
$$R = 0.9999$$

$$DL = 0.04239$$

$$BEC = 0.1253$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	11023.03	0.0270	P	3.4
2	<input type="checkbox"/>	50.000	53.670	145297.22	0.3535	P	1.1
3	<input type="checkbox"/>	2500.000	3034.411	6617259.83	18.4899	A	13.6
4	<input type="checkbox"/>	6250.000	6847.969	16161943.79	41.6936	A	1.0
5	<input type="checkbox"/>	12500.000	13751.126	31561032.03	83.6959	A	1.6
6	<input type="checkbox"/>	25000.000	27029.352	61014675.76	164.4876	A	1.0
7	<input type="checkbox"/>	50000.000	52960.495	118516453.7	322.2661	A	1.3
8	<input type="checkbox"/>	250000.00	249122.11	524436232.1	1,515.815	A	1.2

$$y = 0.0061 * x + 0.0270$$

$$R = 0.9999$$

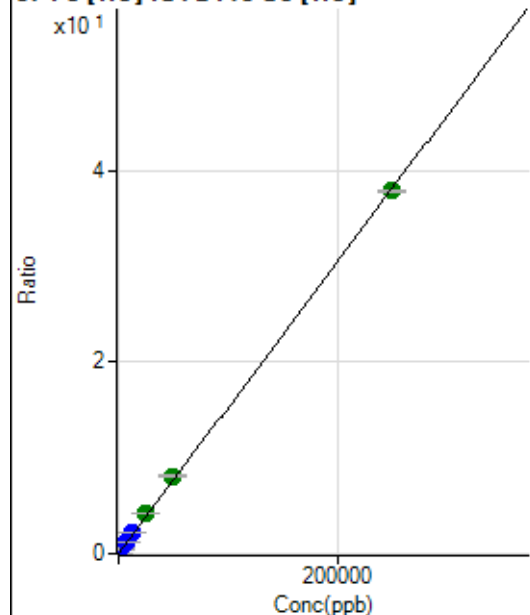
$$DL = 0.4481$$

$$BEC = 4.43$$

Weight: <None>

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	690.02	0.0017	P	2.1
2	<input type="checkbox"/>	50.000	56.195	4208.41	0.0102	P	3.8
3	<input type="checkbox"/>	2500.000	3317.311	181059.76	0.5064	P	14.7
4	<input type="checkbox"/>	6250.000	7447.172	439892.33	1.1348	P	1.0
5	<input type="checkbox"/>	12500.000	14884.424	854682.38	2.2664	P	1.0
6	<input type="checkbox"/>	25000.000	27232.356	1537619.14	4.1452	A	0.5
7	<input type="checkbox"/>	50000.000	53262.967	2981113.57	8.1059	A	1.0
8	<input type="checkbox"/>	250000.00	248966.84	13106940.78	37.8834	A	0.7

$$y = 1.5216E-004 * x + 0.0017$$

R = 0.9999

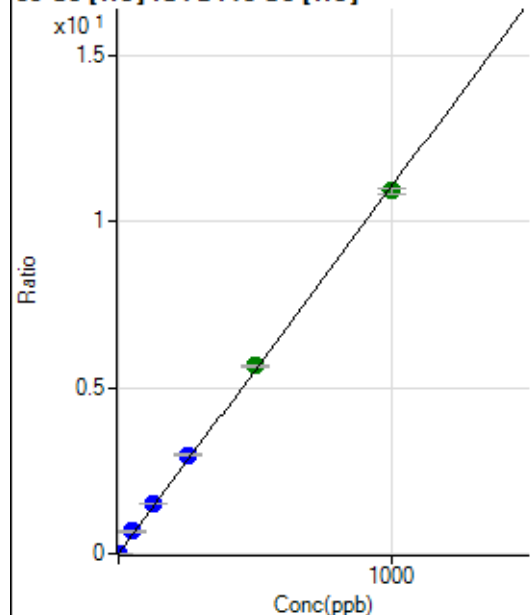
DL = 0.685

BEC = 11.09

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	60.00	0.0001	P	14.3
2	<input type="checkbox"/>	1.000	0.972	4469.59	0.0109	P	2.7
3	<input type="checkbox"/>	50.000	60.783	240139.52	0.6712	P	13.9
4	<input type="checkbox"/>	125.000	135.351	579316.56	1.4945	P	0.7
5	<input type="checkbox"/>	250.000	268.943	1119763.04	2.9693	P	0.8
6	<input type="checkbox"/>	500.000	510.662	2091291.62	5.6379	A	1.6
7	<input type="checkbox"/>	1000.000	988.100	4011808.13	10.9089	A	1.7
8	<input type="checkbox"/>			11277.66	0.0326	P	0.5

$$y = 0.0110 * x + 1.4665E-004$$

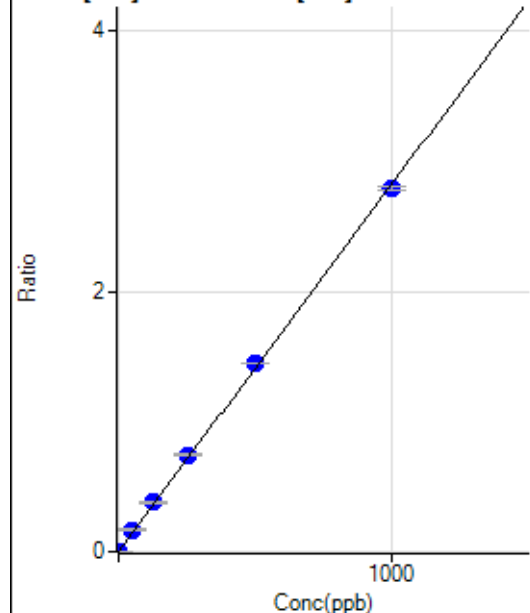
R = 0.9997

DL = 0.005707

BEC = 0.01328

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	140.00	0.0003	P	19.7
2	<input type="checkbox"/>	1.000	1.036	1341.18	0.0033	P	5.6
3	<input type="checkbox"/>	50.000	59.973	60653.06	0.1695	P	13.5
4	<input type="checkbox"/>	125.000	133.751	146333.22	0.3775	P	1.1
5	<input type="checkbox"/>	250.000	263.872	280739.27	0.7444	P	0.6
6	<input type="checkbox"/>	500.000	513.262	537001.38	1.4477	P	0.4
7	<input type="checkbox"/>	1000.000	988.308	1025058.53	2.7873	P	1.1
8	<input type="checkbox"/>			2972.55	0.0086	P	6.4

$$y = 0.0028 * x + 3.4243E-004$$

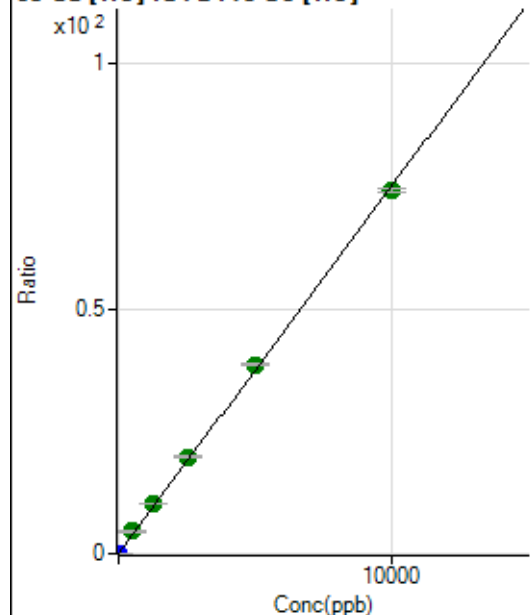
$$R = 0.9997$$

$$DL = 0.07171$$

$$BEC = 0.1214$$

Weight: &lt;None&gt;

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	775.58	0.0019	P	3.3
2	<input type="checkbox"/>	2.000	2.009	6972.80	0.0170	P	1.0
3	<input type="checkbox"/>	500.000	607.822	1631400.13	4.5613	A	14.3
4	<input type="checkbox"/>	1250.000	1346.582	3916247.23	10.1029	A	1.3
5	<input type="checkbox"/>	2500.000	2635.362	7455735.30	19.7703	A	0.8
6	<input type="checkbox"/>	5000.000	5145.241	14317091.59	38.5975	A	0.8
7	<input type="checkbox"/>	10000.000	9876.075	27245605.98	74.0846	A	1.1
8	<input type="checkbox"/>			6031.27	0.0174	P	3.1

$$y = 0.0075 * x + 0.0019$$

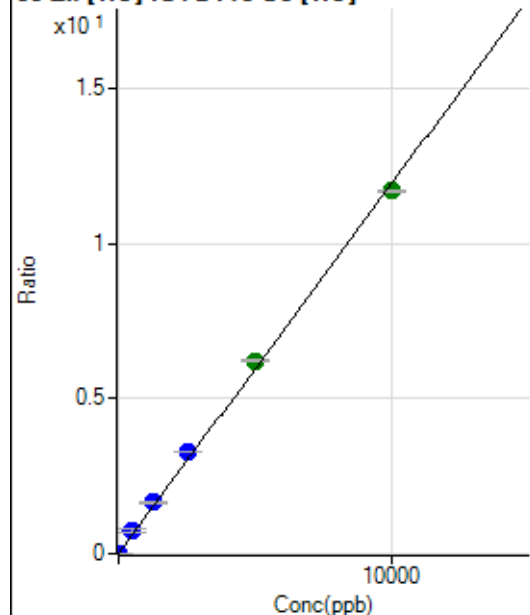
$$R = 0.9997$$

$$DL = 0.02529$$

$$BEC = 0.2528$$

Weight: &lt;None&gt;

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	496.68	0.0012	P	9.6
2	<input type="checkbox"/>	2.000	2.324	1637.89	0.0040	P	7.2
3	<input type="checkbox"/>	500.000	615.224	262886.79	0.7347	P	13.8
4	<input type="checkbox"/>	1250.000	1383.045	639648.94	1.6502	P	1.3
5	<input type="checkbox"/>	2500.000	2743.101	1233815.23	3.2718	P	0.8
6	<input type="checkbox"/>	5000.000	5210.563	2304885.00	6.2137	A	0.7
7	<input type="checkbox"/>	10000.000	9811.551	4302812.05	11.6994	A	0.5
8	<input type="checkbox"/>			3424.87	0.0099	P	3.4

$$y = 0.0012 * x + 0.0012$$

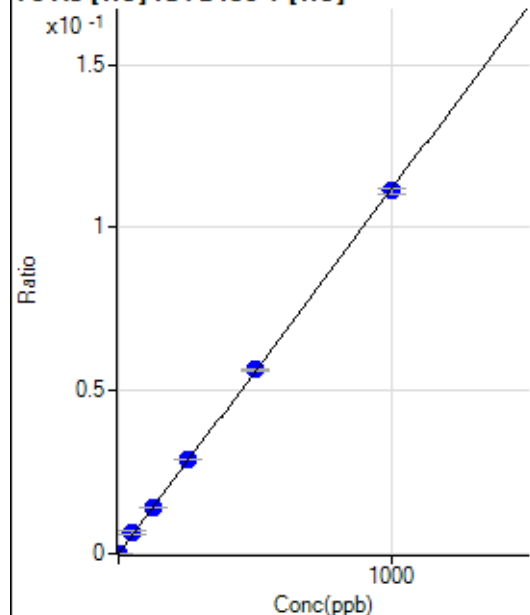
$$R = 0.9993$$

$$DL = 0.2936$$

$$BEC = 1.019$$

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	6.67	0.0000	P	100.
2	<input type="checkbox"/>	1.000	1.057	360.01	0.0001	P	5.3
3	<input type="checkbox"/>	50.000	58.377	17104.39	0.0065	P	13.1
4	<input type="checkbox"/>	125.000	127.461	41036.54	0.0143	P	1.2
5	<input type="checkbox"/>	250.000	259.104	81072.87	0.0290	P	0.1
6	<input type="checkbox"/>	500.000	504.226	157404.51	0.0564	P	1.4
7	<input type="checkbox"/>	1000.000	994.884	305914.17	0.1113	P	1.6
8	<input type="checkbox"/>			113.33	0.0000	P	20.2

$$y = 1.1183E-004 * x + 2.2445E-006$$

$$R = 0.9999$$

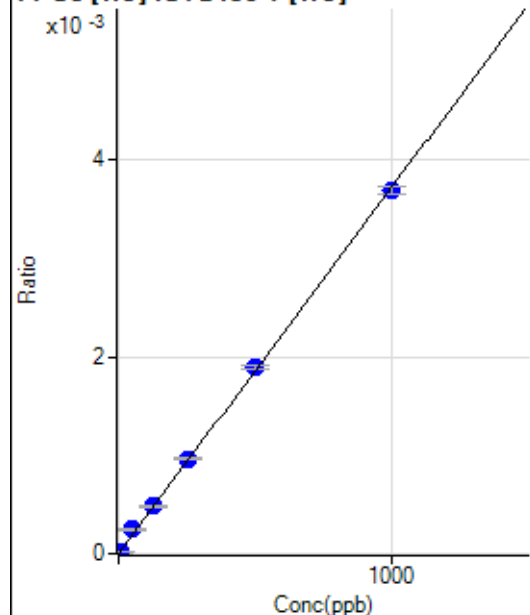
$$DL = 0.0604$$

$$BEC = 0.02007$$

Weight: &lt;None&gt;

Min Conc: 0

77 Se [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	1.11	0.0000	P	173.
2	<input type="checkbox"/>	5.000	4.808	54.44	0.0000	P	23.8
3	<input type="checkbox"/>	50.000	65.641	645.58	0.0002	P	8.1
4	<input type="checkbox"/>	125.000	128.835	1378.97	0.0005	P	7.0
5	<input type="checkbox"/>	250.000	258.928	2692.49	0.0010	P	2.4
6	<input type="checkbox"/>	500.000	510.562	5295.44	0.0019	P	2.6
7	<input type="checkbox"/>	1000.000	991.226	10130.19	0.0037	P	2.1
8	<input type="checkbox"/>			57.78	0.0000	P	8.5

$$y = 3.7152\text{E-}006 * x + 3.7115\text{E-}007$$

$$R = 0.9998$$

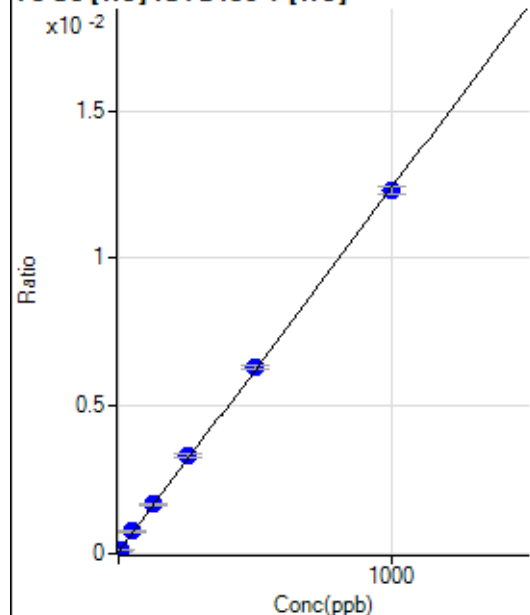
$$DL = 0.5191$$

$$BEC = 0.0999$$

Weight: &lt;None&gt;

Min Conc: 0

78 Se [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	192.23	0.0001	P	17.4
2	<input type="checkbox"/>	5.000	5.460	394.46	0.0001	P	1.4
3	<input type="checkbox"/>	50.000	56.397	2001.27	0.0008	P	6.3
4	<input type="checkbox"/>	125.000	131.189	4836.39	0.0017	P	2.9
5	<input type="checkbox"/>	250.000	264.599	9296.32	0.0033	P	2.6
6	<input type="checkbox"/>	500.000	506.247	17578.30	0.0063	P	2.5
7	<input type="checkbox"/>	1000.000	992.131	33765.19	0.0123	P	2.3
8	<input type="checkbox"/>			281.12	0.0001	P	10.8

$$y = 1.2313\text{E-}005 * x + 6.4727\text{E-}005$$

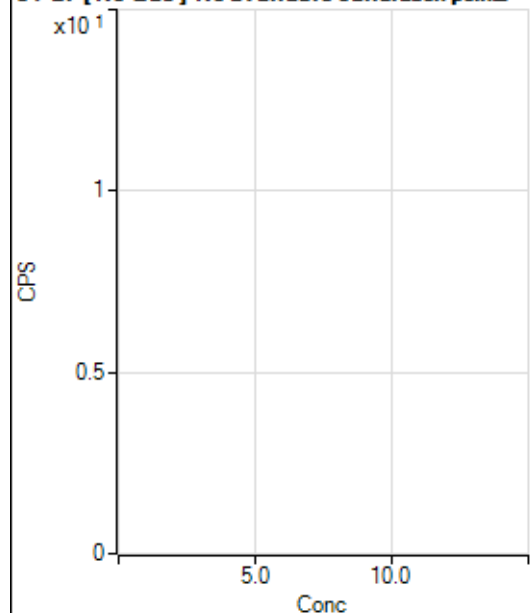
$$R = 0.9999$$

$$DL = 2.738$$

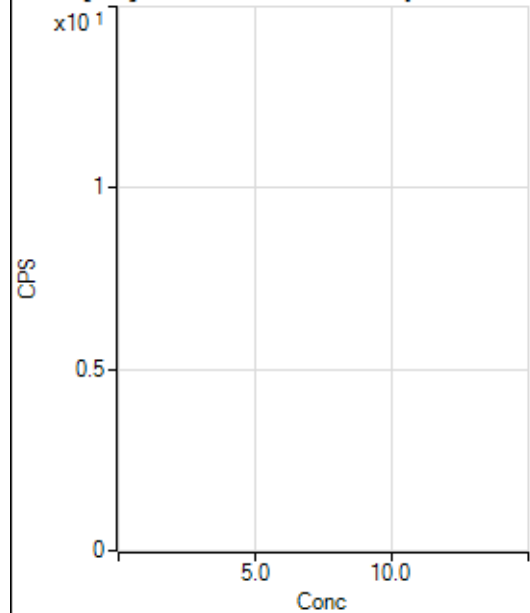
$$BEC = 5.257$$

Weight: &lt;None&gt;

Min Conc: 0

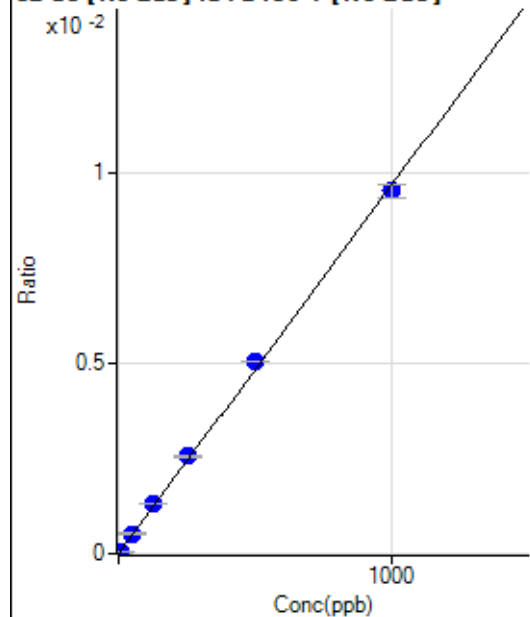
**81 Br [ No Gas ] No available calibration points**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			32499.25		P	1.5
2	<input type="checkbox"/>			33558.10		P	0.3
3	<input type="checkbox"/>			32617.29		P	1.1
4	<input type="checkbox"/>			31658.59		P	0.8
5	<input type="checkbox"/>			30623.00		P	1.0
6	<input type="checkbox"/>			30096.33		P	1.0
7	<input type="checkbox"/>			30334.61		P	1.6
8	<input type="checkbox"/>			32041.55		P	0.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			82.22		P	16.4
2	<input type="checkbox"/>			84.44		P	19.5
3	<input type="checkbox"/>			73.33		P	39.6
4	<input type="checkbox"/>			64.44		P	34.4
5	<input type="checkbox"/>			76.67		P	28.5
6	<input type="checkbox"/>			77.78		P	32.2
7	<input type="checkbox"/>			101.11		P	21.2
8	<input type="checkbox"/>			431.12		P	7.2



**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	53.21	0.0000	P	26.4
2	<input type="checkbox"/>	5.000	5.024	759.82	0.0001	P	3.4
3	<input type="checkbox"/>	50.000	54.333	7517.96	0.0005	P	3.3
4	<input type="checkbox"/>	125.000	134.649	18477.52	0.0013	P	0.6
5	<input type="checkbox"/>	250.000	263.430	35563.07	0.0025	P	0.5
6	<input type="checkbox"/>	500.000	520.615	69774.25	0.0050	P	0.5
7	<input type="checkbox"/>	1000.000	984.912	133119.70	0.0095	P	3.4
8	<input type="checkbox"/>			838.76	0.0001	P	4.6

$$y = 9.6531E-006 * x + 3.6971E-006$$

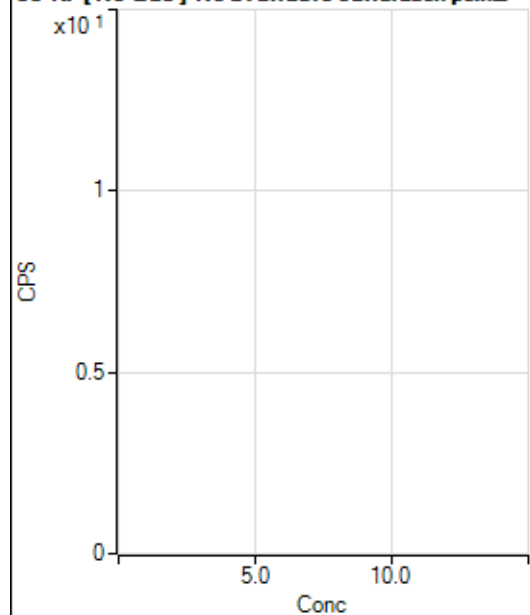
$$R = 0.9996$$

$$DL = 0.3032$$

$$BEC = 0.383$$

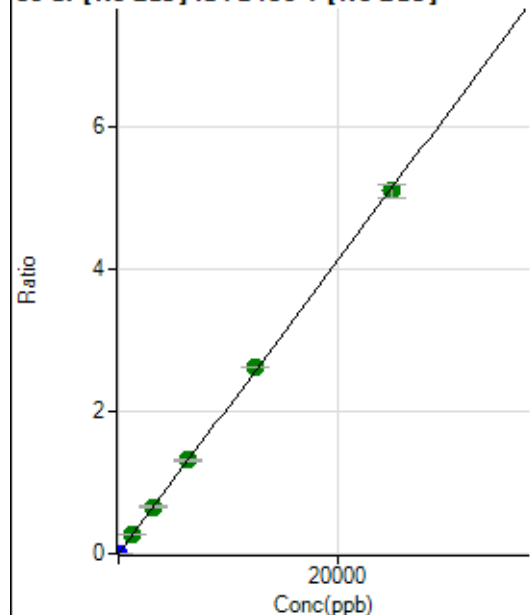
Weight: &lt;None&gt;

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			112.22		P	12.4
2	<input type="checkbox"/>			112.22		P	32.7
3	<input type="checkbox"/>			140.01		P	4.1
4	<input type="checkbox"/>			133.34		P	5.0
5	<input type="checkbox"/>			112.22		P	36.3
6	<input type="checkbox"/>			114.45		P	14.9
7	<input type="checkbox"/>			155.56		P	11.8
8	<input type="checkbox"/>			163.34		P	5.4

86 Sr [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	280.01	0.0000	P	21.3
2	<input type="checkbox"/>	1.000	0.933	3072.57	0.0002	P	2.0
3	<input type="checkbox"/>	1250.000	1304.442	3814444.81	0.2680	A	2.5
4	<input type="checkbox"/>	3125.000	3213.908	9358587.85	0.6602	A	1.2
5	<input type="checkbox"/>	6250.000	6405.086	18373249.03	1.3157	A	1.1
6	<input type="checkbox"/>	12500.000	12739.719	36305646.12	2.6169	A	0.2
7	<input type="checkbox"/>	25000.000	24827.533	71372720.60	5.0998	A	4.0
8	<input type="checkbox"/>			8699.31	0.0007	P	3.1

$$y = 2.0541E-004 * x + 1.9444E-005$$

$$R = 0.9999$$

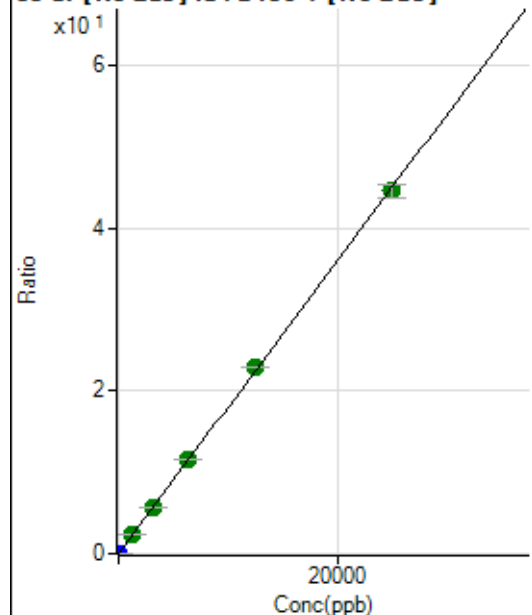
$$DL = 0.06037$$

$$BEC = 0.09466$$

Weight: &lt;None&gt;

Min Conc: 0

88 Sr [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	618.91	0.0000	P	9.7
2	<input type="checkbox"/>	1.000	0.905	24264.55	0.0017	P	3.2
3	<input type="checkbox"/>	1250.000	1304.028	33324593.39	2.3409	A	1.9
4	<input type="checkbox"/>	3125.000	3209.136	81661646.00	5.7607	A	0.8
5	<input type="checkbox"/>	6250.000	6411.292	160720799.8	11.5089	A	0.4
6	<input type="checkbox"/>	12500.000	12762.109	317833999.7	22.9091	A	0.4
7	<input type="checkbox"/>	25000.000	24815.404	623471968.4	44.5458	A	3.4
8	<input type="checkbox"/>			74701.37	0.0058	P	6.7

$$y = 0.0018 * x + 4.2986E-005$$

$$R = 0.9999$$

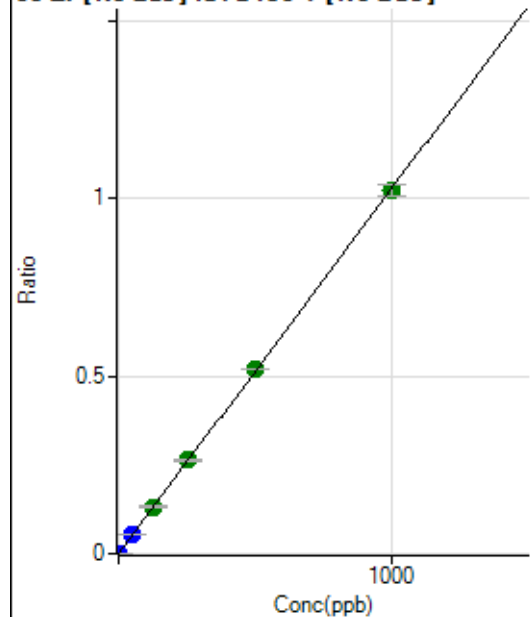
$$DL = 0.006936$$

$$BEC = 0.02395$$

Weight: &lt;None&gt;

Min Conc: 0

90 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	565.57	0.0000	P	7.9
2	<input type="checkbox"/>	1.000	0.887	13831.06	0.0010	P	1.5
3	<input type="checkbox"/>	50.000	53.281	779442.38	0.0548	P	2.4
4	<input type="checkbox"/>	125.000	128.914	1877203.01	0.1324	A	1.4
5	<input type="checkbox"/>	250.000	256.658	3681292.83	0.2636	A	1.6
6	<input type="checkbox"/>	500.000	506.600	7218294.96	0.5203	A	0.2
7	<input type="checkbox"/>	1000.000	994.382	14294029.51	1.0212	A	3.1
8	<input type="checkbox"/>			6592.65	0.0005	P	1.5

$$y = 0.0010 * x + 3.9298E-005$$

$$R = 0.9999$$

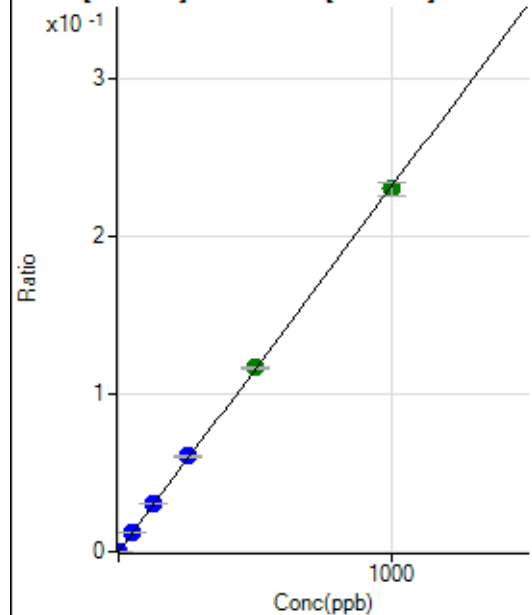
$$DL = 0.009036$$

$$BEC = 0.03827$$

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	100.00	0.0000	P	15.0
2	<input type="checkbox"/>	1.000	0.869	3023.67	0.0002	P	2.9
3	<input type="checkbox"/>	50.000	52.669	173301.22	0.0122	P	2.3
4	<input type="checkbox"/>	125.000	130.810	428456.90	0.0302	P	1.1
5	<input type="checkbox"/>	250.000	261.966	845181.37	0.0605	P	1.5
6	<input type="checkbox"/>	500.000	504.308	1616292.27	0.1165	A	1.2
7	<input type="checkbox"/>	1000.000	993.995	3213873.18	0.2296	A	3.5
8	<input type="checkbox"/>			1472.31	0.0001	P	1.7

$$y = 2.3101E-004 * x + 6.9498E-006$$

$$R = 0.9999$$

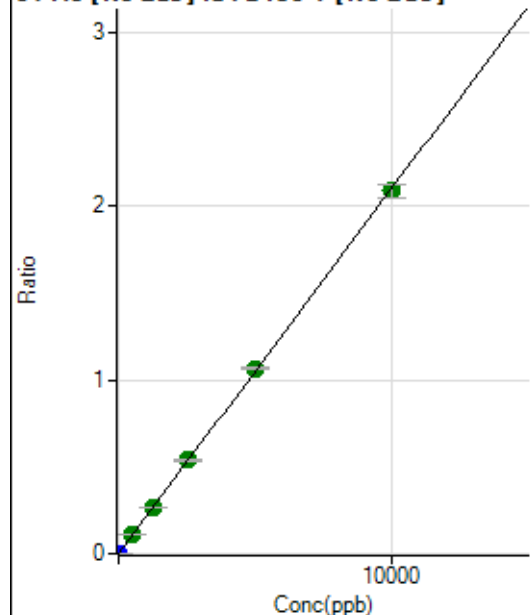
$$DL = 0.01351$$

$$BEC = 0.03008$$

Weight: &lt;None&gt;

Min Conc: 0

94 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	240.01	0.0000	P	21.7
2	<input type="checkbox"/>	5.000	5.332	16529.44	0.0011	P	2.7
3	<input type="checkbox"/>	500.000	521.643	1558607.25	0.1095	A	3.2
4	<input type="checkbox"/>	1250.000	1278.397	3803763.97	0.2683	A	0.2
5	<input type="checkbox"/>	2500.000	2557.711	7496938.36	0.5368	A	0.6
6	<input type="checkbox"/>	5000.000	5081.853	14797831.03	1.0666	A	0.2
7	<input type="checkbox"/>	10000.000	9940.014	29199694.29	2.0863	A	3.5
8	<input type="checkbox"/>			7115.13	0.0006	P	6.9

$$y = 2.0989\text{E-}004 * x + 1.6666\text{E-}005$$

$$R = 0.9999$$

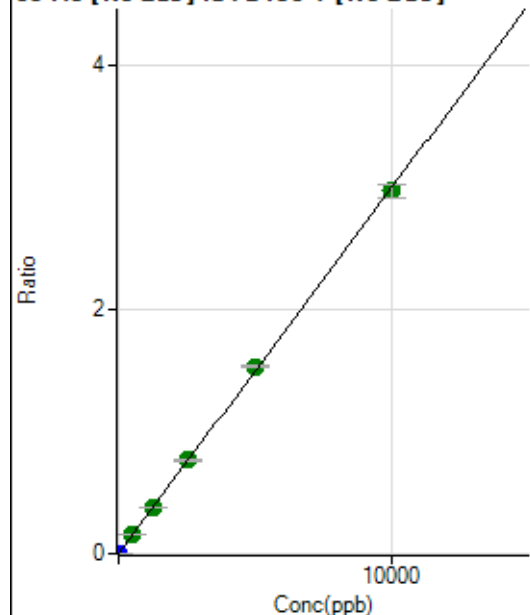
$$DL = 0.05179$$

$$BEC = 0.0794$$

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	131.12	0.0000	P	77.0
2	<input type="checkbox"/>	5.000	4.601	20229.59	0.0014	P	2.1
3	<input type="checkbox"/>	500.000	528.545	2257973.77	0.1586	A	3.1
4	<input type="checkbox"/>	1250.000	1276.211	5429520.68	0.3830	A	1.1
5	<input type="checkbox"/>	2500.000	2564.035	10746327.41	0.7695	A	1.1
6	<input type="checkbox"/>	5000.000	5120.268	21319264.96	1.5367	A	0.3
7	<input type="checkbox"/>	10000.000	9919.154	41662538.82	2.9769	A	3.8
8	<input type="checkbox"/>			7302.99	0.0006	P	4.9

$$y = 3.0012\text{E-}004 * x + 9.0935\text{E-}006$$

$$R = 0.9999$$

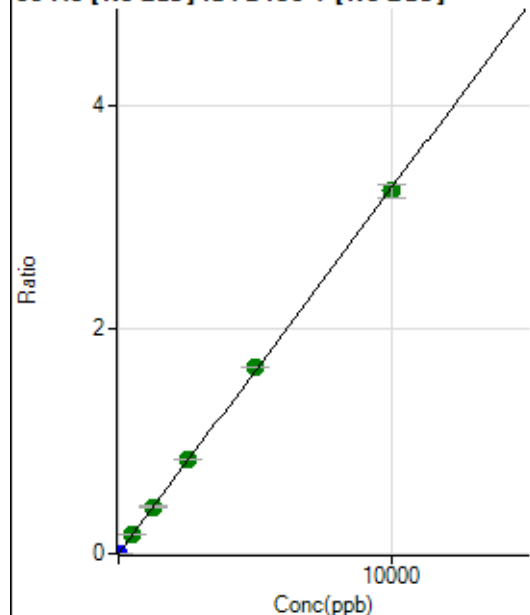
$$DL = 0.06999$$

$$BEC = 0.0303$$

Weight: &lt;None&gt;

Min Conc: 0

96 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	144.45	0.0000	P	53.1
2	<input type="checkbox"/>	5.000	4.692	22423.92	0.0015	P	0.3
3	<input type="checkbox"/>	500.000	523.387	2430567.90	0.1707	A	2.1
4	<input type="checkbox"/>	1250.000	1282.362	5929726.65	0.4183	A	1.2
5	<input type="checkbox"/>	2500.000	2567.697	11696739.27	0.8376	A	0.4
6	<input type="checkbox"/>	5000.000	5107.606	23114468.82	1.6661	A	0.3
7	<input type="checkbox"/>	10000.000	9924.058	45304964.88	3.2372	A	3.9
8	<input type="checkbox"/>			19723.41	0.0015	P	1.1

$$y = 3.2620\text{E-}004 * x + 1.0025\text{E-}005$$

$$R = 0.9999$$

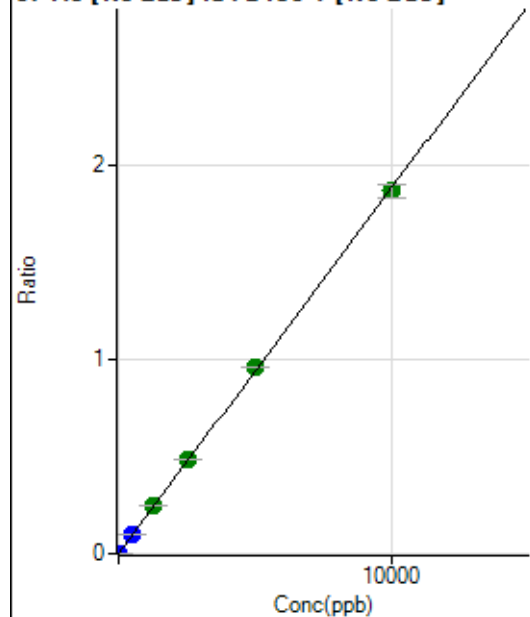
$$DL = 0.04893$$

$$BEC = 0.03073$$

Weight: &lt;None&gt;

Min Conc: 0

97 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	48.89	0.0000	P	126.
2	<input type="checkbox"/>	5.000	4.629	12704.49	0.0009	P	1.5
3	<input type="checkbox"/>	500.000	536.552	1434710.90	0.1008	P	2.5
4	<input type="checkbox"/>	1250.000	1293.162	3443352.41	0.2429	A	0.6
5	<input type="checkbox"/>	2500.000	2572.103	6747005.87	0.4831	A	0.9
6	<input type="checkbox"/>	5000.000	5102.136	13296187.02	0.9584	A	0.1
7	<input type="checkbox"/>	10000.000	9923.684	26089110.72	1.8641	A	3.5
8	<input type="checkbox"/>			4602.99	0.0004	P	8.3

$$y = 1.8784\text{E-}004 * x + 3.3905\text{E-}006$$

$$R = 0.9999$$

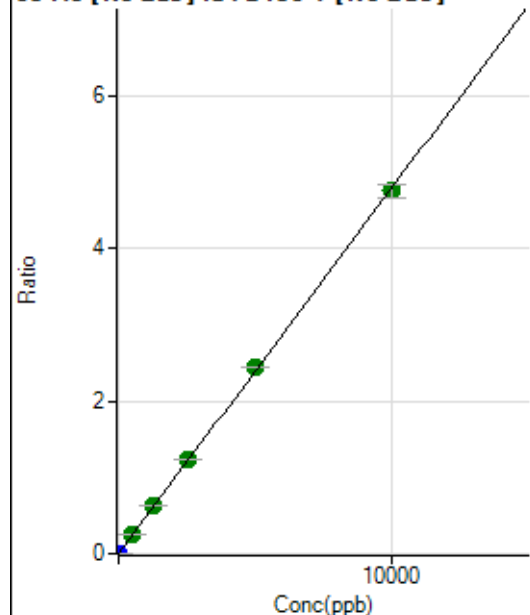
$$DL = 0.06849$$

$$BEC = 0.01805$$

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	153.35	0.0000	P	75.3
2	<input type="checkbox"/>	5.000	4.606	32296.74	0.0022	P	1.3
3	<input type="checkbox"/>	500.000	520.259	3551031.30	0.2494	A	1.9
4	<input type="checkbox"/>	1250.000	1295.439	8804345.49	0.6211	A	0.6
5	<input type="checkbox"/>	2500.000	2584.106	17301534.18	1.2389	A	0.9
6	<input type="checkbox"/>	5000.000	5083.124	33810576.16	2.4370	A	0.1
7	<input type="checkbox"/>	10000.000	9930.719	66637366.79	4.7612	A	3.5
8	<input type="checkbox"/>			11055.39	0.0009	P	8.0

$$y = 4.7944\text{E-}004 * x + 1.0638\text{E-}005$$

$$R = 0.9999$$

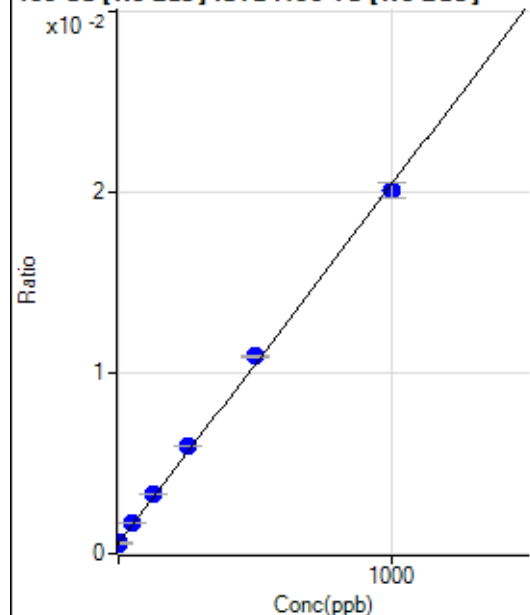
$$DL = 0.05015$$

$$BEC = 0.02219$$

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	6430.37	0.0006	P	2.1
2	<input type="checkbox"/>	1.000	1.417	6881.69	0.0006	P	1.6
3	<input type="checkbox"/>	50.000	55.914	18832.32	0.0017	P	1.4
4	<input type="checkbox"/>	125.000	137.484	37818.13	0.0033	P	0.8
5	<input type="checkbox"/>	250.000	270.943	67700.19	0.0059	P	0.7
6	<input type="checkbox"/>	500.000	521.012	125497.42	0.0109	P	0.8
7	<input type="checkbox"/>	1000.000	982.401	233629.73	0.0201	P	4.3
8	<input type="checkbox"/>			5716.72	0.0005	P	0.4

$$y = 1.9865\text{E-}005 * x + 5.6104\text{E-}004$$

$$R = 0.9994$$

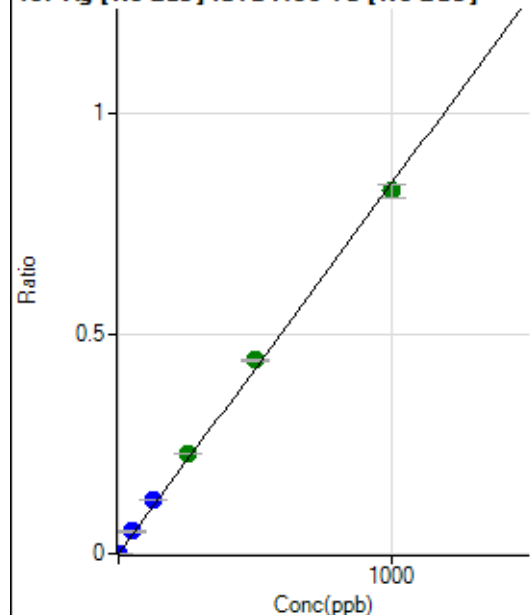
$$DL = 1.774$$

$$BEC = 28.24$$

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	118.89	0.0000	P	41.8
2	<input type="checkbox"/>	1.000	1.008	10033.54	0.0009	P	2.1
3	<input type="checkbox"/>	50.000	59.784	567134.45	0.0504	P	2.6
4	<input type="checkbox"/>	125.000	143.687	1390049.87	0.1210	P	0.2
5	<input type="checkbox"/>	250.000	271.206	2601671.38	0.2284	A	0.3
6	<input type="checkbox"/>	500.000	522.884	5064571.84	0.4403	A	1.3
7	<input type="checkbox"/>	1000.000	980.431	9608268.82	0.8256	A	4.0
8	<input type="checkbox"/>			2215.75	0.0002	P	4.8

$$y = 8.4210E-004 * x + 1.0357E-005$$

$$R = 0.9993$$

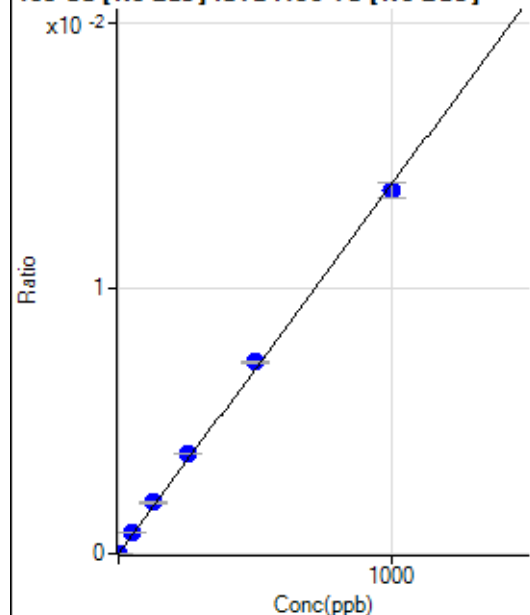
$$DL = 0.01543$$

$$BEC = 0.0123$$

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	18.89	0.0000	P	36.8
2	<input type="checkbox"/>	1.000	0.852	157.78	0.0000	P	22.8
3	<input type="checkbox"/>	50.000	57.026	8966.18	0.0008	P	4.0
4	<input type="checkbox"/>	125.000	139.185	22288.35	0.0019	P	2.0
5	<input type="checkbox"/>	250.000	270.472	42929.97	0.0038	P	1.1
6	<input type="checkbox"/>	500.000	519.669	83270.70	0.0072	P	0.6
7	<input type="checkbox"/>	1000.000	982.923	159331.92	0.0137	P	4.4
8	<input type="checkbox"/>			93.33	0.0000	P	9.7

$$y = 1.3928E-005 * x + 1.6481E-006$$

$$R = 0.9994$$

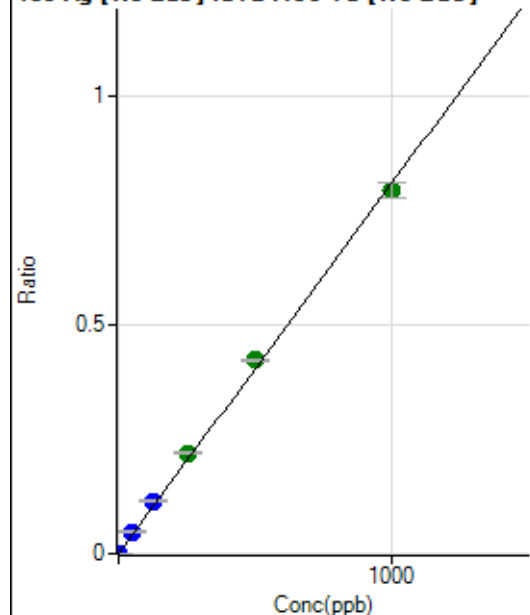
$$DL = 0.1308$$

$$BEC = 0.1183$$

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	43.33	0.0000	P	14.8
2	<input type="checkbox"/>	1.000	0.992	9430.93	0.0008	P	1.7
3	<input type="checkbox"/>	50.000	59.305	541130.47	0.0480	P	3.3
4	<input type="checkbox"/>	125.000	142.309	1324416.33	0.1153	P	0.9
5	<input type="checkbox"/>	250.000	272.758	2517099.16	0.2210	A	0.7
6	<input type="checkbox"/>	500.000	522.480	4868537.46	0.4233	A	1.9
7	<input type="checkbox"/>	1000.000	980.442	9243455.70	0.7943	A	4.1
8	<input type="checkbox"/>			2021.27	0.0002	P	4.7

$$y = 8.1015\text{E-}004 * x + 3.7785\text{E-}006$$

$$R = 0.9993$$

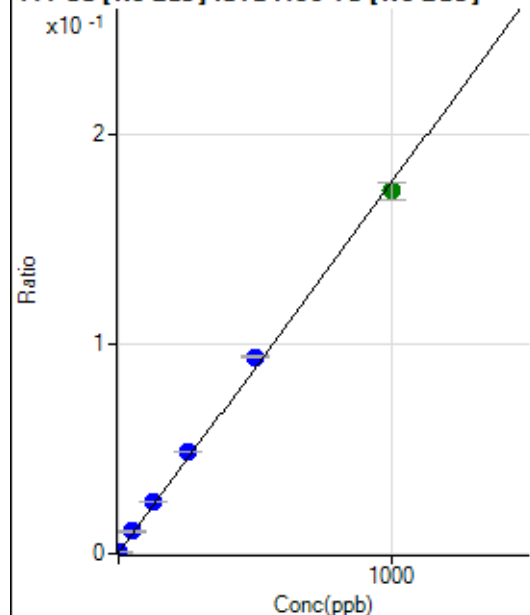
$$DL = 0.00207$$

$$BEC = 0.004664$$

Weight: &lt;None&gt;

Min Conc: 0

111 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	4504.71	0.0004	P	2.2
2	<input type="checkbox"/>	1.000	1.057	6771.35	0.0006	P	1.2
3	<input type="checkbox"/>	50.000	57.611	119040.87	0.0106	P	2.4
4	<input type="checkbox"/>	125.000	138.274	285076.45	0.0248	P	0.0
5	<input type="checkbox"/>	250.000	272.777	553288.73	0.0486	P	1.5
6	<input type="checkbox"/>	500.000	529.095	1079431.11	0.0938	P	1.5
7	<input type="checkbox"/>	1000.000	977.718	2014093.26	0.1731	A	4.6
8	<input type="checkbox"/>			4740.86	0.0005	P	0.3

$$y = 1.7664\text{E-}004 * x + 3.9303\text{E-}004$$

$$R = 0.9990$$

$$DL = 0.1459$$

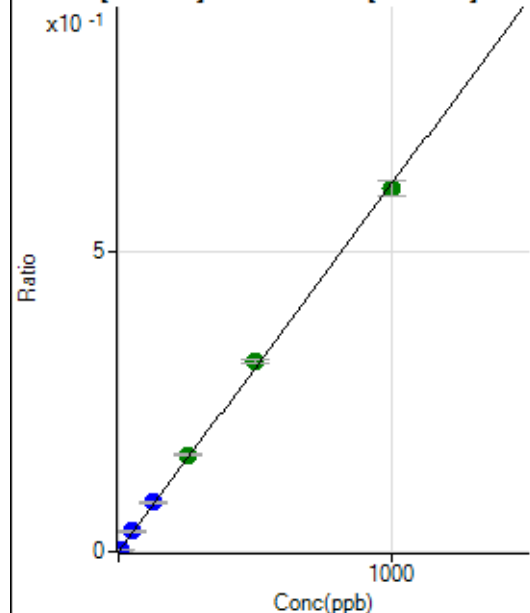
$$BEC = 2.225$$

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	903.37	0.0001	P	3.5
2	<input type="checkbox"/>	5.000	4.705	34531.42	0.0030	P	1.1
3	<input type="checkbox"/>	50.000	55.001	379759.98	0.0337	P	2.9
4	<input type="checkbox"/>	125.000	133.817	941095.89	0.0819	P	1.1
5	<input type="checkbox"/>	250.000	262.659	1830818.41	0.1607	A	1.2
6	<input type="checkbox"/>	500.000	516.992	3637836.26	0.3163	A	1.9
7	<input type="checkbox"/>	1000.000	986.988	7025997.40	0.6038	A	4.1
8	<input type="checkbox"/>			4412.95	0.0004	P	5.1

$$y = 6.1163\text{E-}004 * x + 7.8815\text{E-}005$$

$$R = 0.9997$$

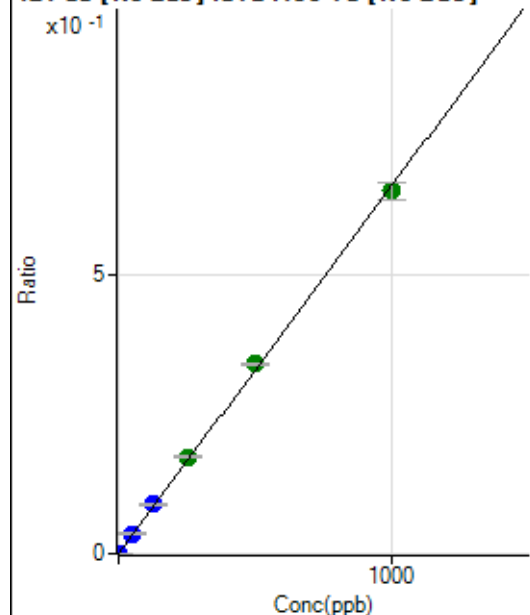
$$DL = 0.01345$$

$$BEC = 0.1289$$

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	87.78	0.0000	P	25.9
2	<input type="checkbox"/>	2.000	1.870	14485.15	0.0012	P	0.9
3	<input type="checkbox"/>	50.000	54.644	405726.16	0.0360	P	2.6
4	<input type="checkbox"/>	125.000	133.738	1012621.14	0.0882	P	0.7
5	<input type="checkbox"/>	250.000	263.838	1980965.86	0.1739	A	1.5
6	<input type="checkbox"/>	500.000	516.351	3914369.42	0.3403	A	1.1
7	<input type="checkbox"/>	1000.000	987.041	7569968.29	0.6506	A	4.5
8	<input type="checkbox"/>			4266.23	0.0004	P	7.2

$$y = 6.5909\text{E-}004 * x + 7.6589\text{E-}006$$

$$R = 0.9997$$

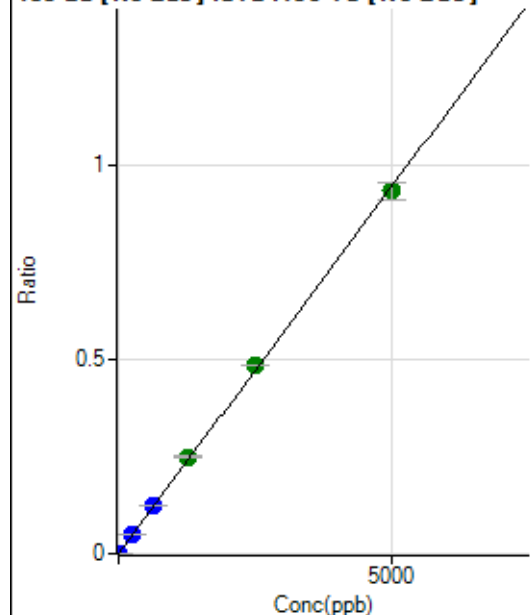
$$DL = 0.009043$$

$$BEC = 0.01162$$

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	28.89	0.0000	P	37.1
2	<input type="checkbox"/>	10.000	8.914	19699.28	0.0017	P	0.2
3	<input type="checkbox"/>	250.000	265.211	564327.28	0.0501	P	2.6
4	<input type="checkbox"/>	625.000	652.149	1415263.00	0.1232	P	0.6
5	<input type="checkbox"/>	1250.000	1314.646	2829005.17	0.2484	A	1.8
6	<input type="checkbox"/>	2500.000	2569.276	5582756.51	0.4854	A	0.5
7	<input type="checkbox"/>	5000.000	4945.048	10870141.78	0.9342	A	4.7
8	<input type="checkbox"/>			5537.80	0.0005	P	2.8

$$y = 1.8892\text{E-}004 * x + 2.5202\text{E-}006$$

$$R = 0.9998$$

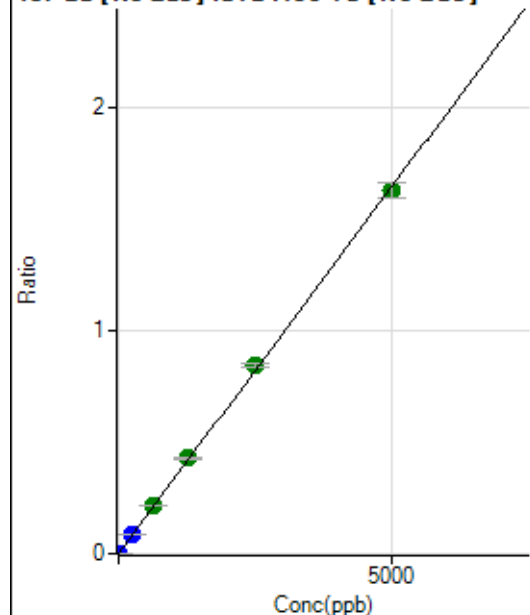
$$DL = 0.01485$$

$$BEC = 0.01334$$

Weight: &lt;None&gt;

Min Conc: 0

137 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	56.66	0.0000	P	9.6
2	<input type="checkbox"/>	10.000	8.992	34610.95	0.0030	P	0.5
3	<input type="checkbox"/>	250.000	265.375	983327.58	0.0873	P	2.7
4	<input type="checkbox"/>	625.000	657.728	2485673.16	0.2164	A	1.1
5	<input type="checkbox"/>	1250.000	1304.076	4886930.27	0.4290	A	1.0
6	<input type="checkbox"/>	2500.000	2565.788	9708672.91	0.8441	A	1.4
7	<input type="checkbox"/>	5000.000	4948.729	18945763.88	1.6281	A	4.1
8	<input type="checkbox"/>			9524.38	0.0009	P	1.6

$$y = 3.2898\text{E-}004 * x + 4.9418\text{E-}006$$

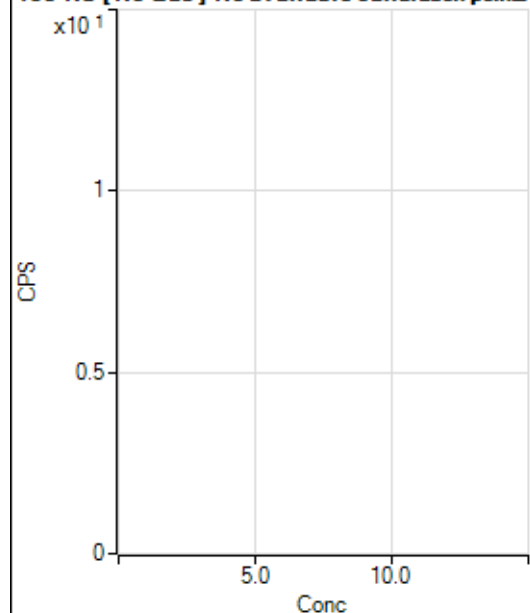
$$R = 0.9998$$

$$DL = 0.004317$$

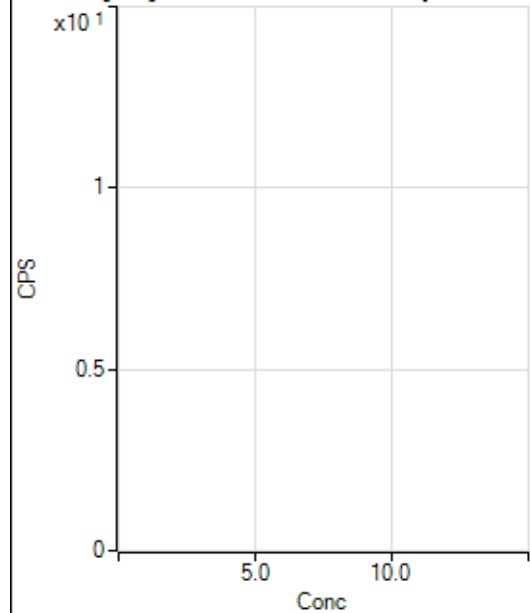
$$BEC = 0.01502$$

Weight: &lt;None&gt;

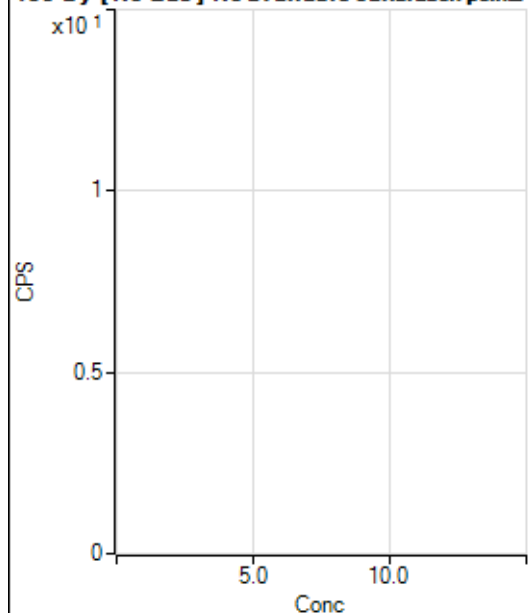
Min Conc: 0

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

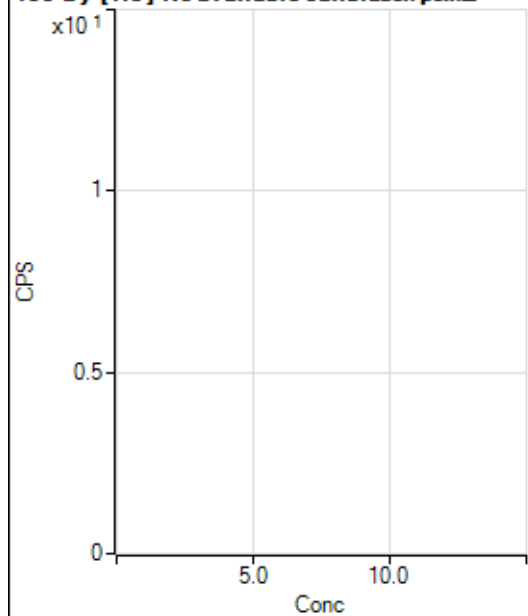
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			3.33		P	100.
2	<input type="checkbox"/>			12.22		P	95.8
3	<input type="checkbox"/>			73.33		P	20.8
4	<input type="checkbox"/>			198.89		P	10.2
5	<input type="checkbox"/>			414.45		P	10.5
6	<input type="checkbox"/>			795.59		P	2.5
7	<input type="checkbox"/>			1440.09		P	1.2
8	<input type="checkbox"/>			335.56		P	15.7

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

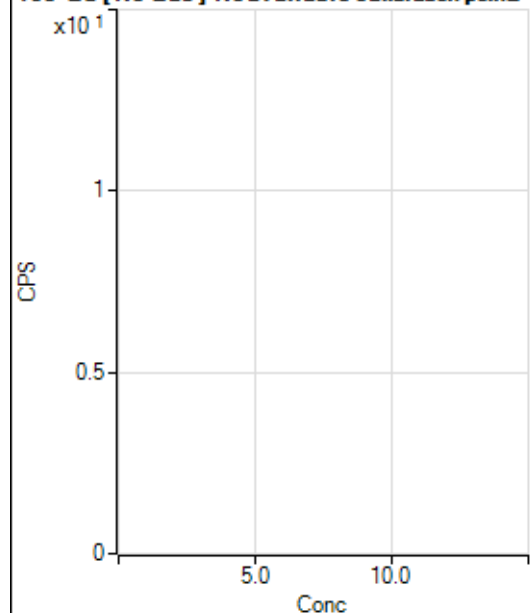
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			7.78		P	89.2
2	<input type="checkbox"/>			7.78		P	107.
3	<input type="checkbox"/>			11.11		P	45.8
4	<input type="checkbox"/>			27.78		P	18.3
5	<input type="checkbox"/>			53.33		P	34.8
6	<input type="checkbox"/>			134.45		P	1.4
7	<input type="checkbox"/>			242.23		P	3.5
8	<input type="checkbox"/>			184.45		P	10.0

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

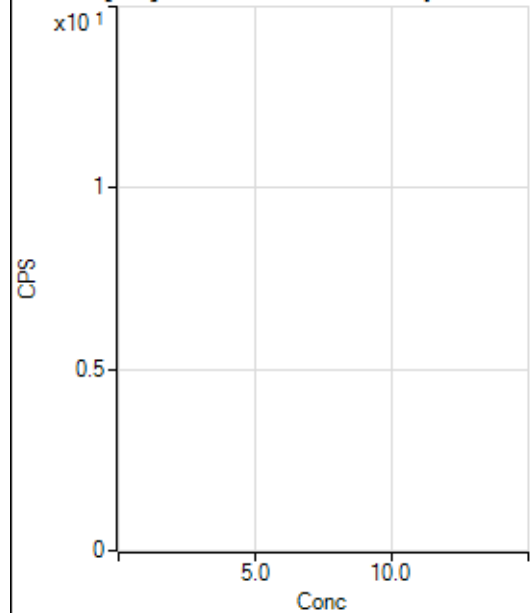
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			11.11		P	45.8
2	<input type="checkbox"/>			14.44		P	13.4
3	<input type="checkbox"/>			48.89		P	25.8
4	<input type="checkbox"/>			78.89		P	6.5
5	<input type="checkbox"/>			187.78		P	15.5
6	<input type="checkbox"/>			318.90		P	9.0
7	<input type="checkbox"/>			616.69		P	1.1
8	<input type="checkbox"/>			1827.91		P	3.8

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

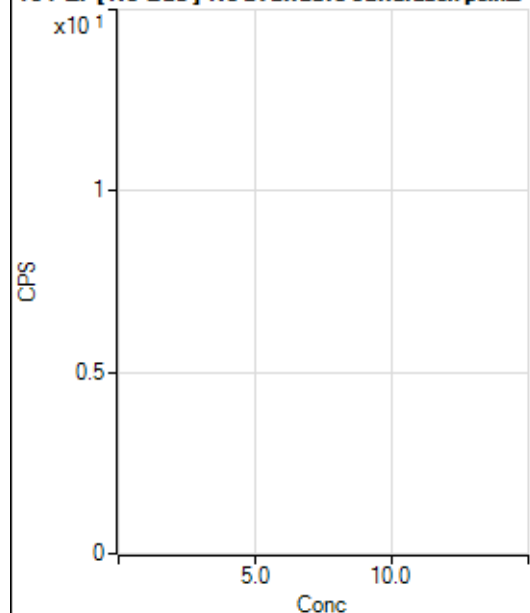
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			6.67		P	0.0
2	<input type="checkbox"/>			6.67		P	50.0
3	<input type="checkbox"/>			37.78		P	39.8
4	<input type="checkbox"/>			105.56		P	23.3
5	<input type="checkbox"/>			206.67		P	8.1
6	<input type="checkbox"/>			334.45		P	9.0
7	<input type="checkbox"/>			615.58		P	4.2
8	<input type="checkbox"/>			1137.84		P	3.1

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

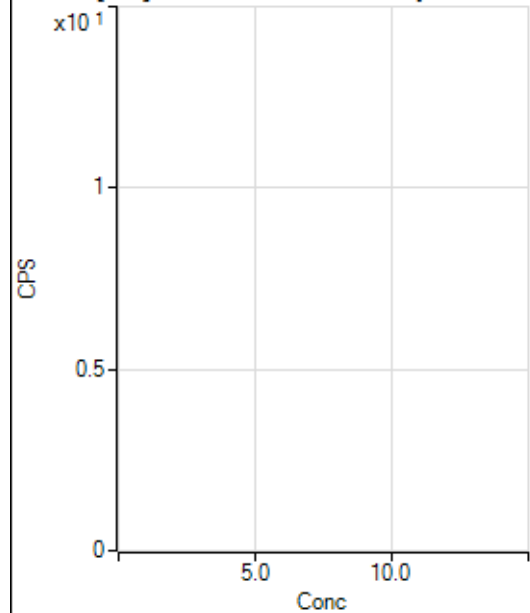
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			61.11		P	34.6
2	<input type="checkbox"/>			65.55		P	20.6
3	<input type="checkbox"/>			62.22		P	29.5
4	<input type="checkbox"/>			136.67		P	10.6
5	<input type="checkbox"/>			171.11		P	28.3
6	<input type="checkbox"/>			271.12		P	8.2
7	<input type="checkbox"/>			468.90		P	8.7
8	<input type="checkbox"/>			1806.80		P	3.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			395.57		P	12.2
2	<input type="checkbox"/>			397.79		P	7.8
3	<input type="checkbox"/>			335.56		P	18.3
4	<input type="checkbox"/>			438.90		P	20.7
5	<input type="checkbox"/>			380.01		P	9.3
6	<input type="checkbox"/>			485.57		P	2.2
7	<input type="checkbox"/>			661.13		P	7.4
8	<input type="checkbox"/>			1500.10		P	0.8

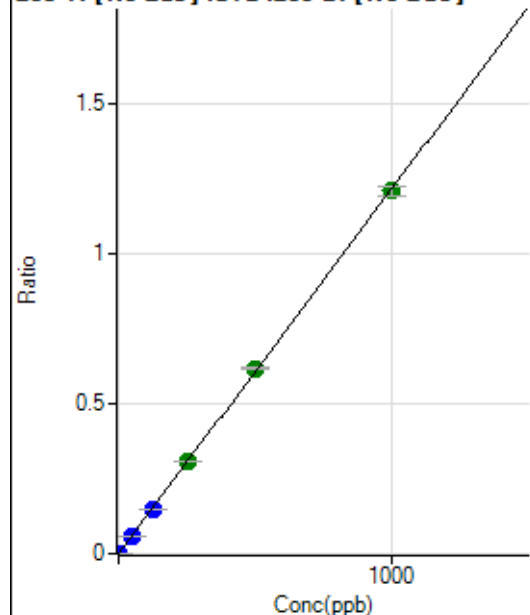
**164 Er [ No Gas ] No available calibration points**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			85.55		P	12.5
2	<input type="checkbox"/>			72.22		P	18.6
3	<input type="checkbox"/>			78.89		P	10.6
4	<input type="checkbox"/>			84.44		P	2.3
5	<input type="checkbox"/>			95.56		P	13.2
6	<input type="checkbox"/>			102.22		P	21.7
7	<input type="checkbox"/>			135.56		P	18.6
8	<input type="checkbox"/>			310.01		P	9.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			48.89		P	30.7
2	<input type="checkbox"/>			53.33		P	45.1
3	<input type="checkbox"/>			44.45		P	24.1
4	<input type="checkbox"/>			60.00		P	11.1
5	<input type="checkbox"/>			68.89		P	22.4
6	<input type="checkbox"/>			65.56		P	12.8
7	<input type="checkbox"/>			81.11		P	31.9
8	<input type="checkbox"/>			191.12		P	28.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	90.00	0.0000	P	23.2
2	<input type="checkbox"/>	1.000	0.821	6280.39	0.0010	P	1.6
3	<input type="checkbox"/>	50.000	49.065	355551.10	0.0597	P	3.3
4	<input type="checkbox"/>	125.000	121.003	896308.45	0.1473	P	0.5
5	<input type="checkbox"/>	250.000	253.996	1880860.58	0.3092	A	0.3
6	<input type="checkbox"/>	500.000	508.170	3705390.29	0.6186	A	1.2
7	<input type="checkbox"/>	1000.000	995.463	7202488.16	1.2118	A	2.4
8	<input type="checkbox"/>			996.71	0.0002	P	5.2

$$y = 0.0012 * x + 1.4670E-005$$

$$R = 0.9999$$

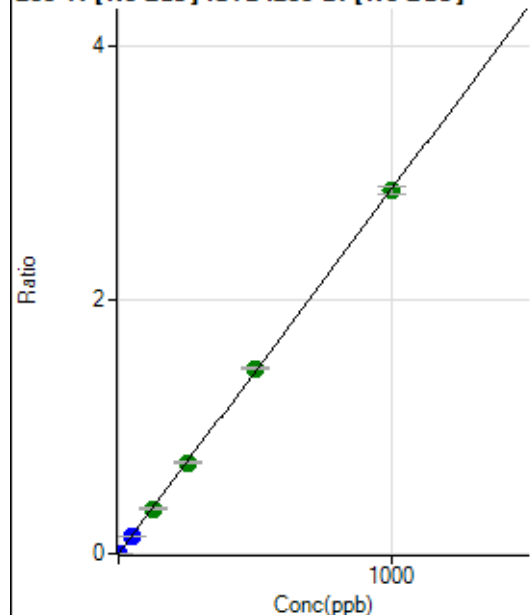
$$DL = 0.008375$$

$$BEC = 0.01205$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	202.23	0.0000	P	9.0
2	<input type="checkbox"/>	1.000	0.836	15055.08	0.0024	P	1.5
3	<input type="checkbox"/>	50.000	48.570	829570.32	0.1394	P	3.3
4	<input type="checkbox"/>	125.000	123.926	2163585.51	0.3556	A	1.1
5	<input type="checkbox"/>	250.000	249.994	4363417.71	0.7173	A	0.6
6	<input type="checkbox"/>	500.000	508.963	8747105.84	1.4603	A	1.3
7	<input type="checkbox"/>	1000.000	995.726	16981715.03	2.8569	A	2.0
8	<input type="checkbox"/>			2449.14	0.0005	P	10.3

$$y = 0.0029 * x + 3.2944E-005$$

$$R = 0.9999$$

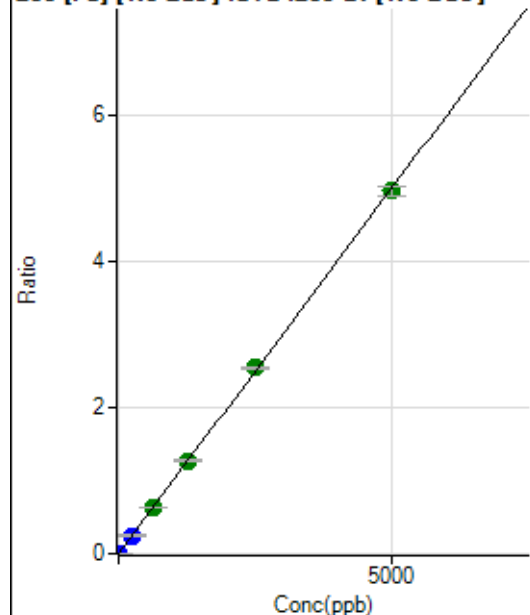
$$DL = 0.00311$$

$$BEC = 0.01148$$

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	210.01	0.0000	P	26.6
2	<input type="checkbox"/>	1.000	0.820	5283.29	0.0009	P	2.2
3	<input type="checkbox"/>	250.000	246.636	1466617.20	0.2464	P	3.3
4	<input type="checkbox"/>	625.000	631.821	3840721.16	0.6312	A	0.2
5	<input type="checkbox"/>	1250.000	1274.186	7743600.93	1.2729	A	1.2
6	<input type="checkbox"/>	2500.000	2550.301	15261001.72	2.5478	A	0.7
7	<input type="checkbox"/>	5000.000	4968.119	29497286.78	4.9631	A	2.9
8	<input type="checkbox"/>			11446.03	0.0024	P	2.5

$$y = 9.9899\text{E-}004 * x + 3.4230\text{E-}005$$

$$R = 0.9999$$

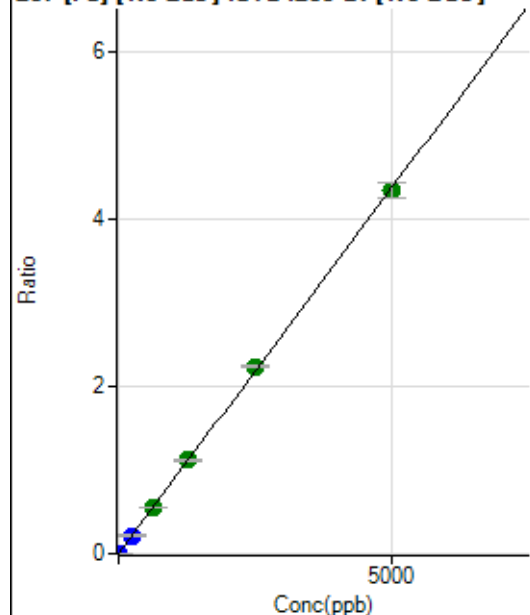
$$DL = 0.02736$$

$$BEC = 0.03426$$

Weight: &lt;None&gt;

Min Conc: 0

207 [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	142.22	0.0000	P	15.0
2	<input type="checkbox"/>	1.000	0.827	4621.95	0.0007	P	4.2
3	<input type="checkbox"/>	250.000	246.423	1282169.54	0.2154	P	3.5
4	<input type="checkbox"/>	625.000	631.767	3360647.48	0.5523	A	1.3
5	<input type="checkbox"/>	1250.000	1276.838	6790282.54	1.1162	A	1.5
6	<input type="checkbox"/>	2500.000	2558.563	13397283.97	2.2367	A	0.7
7	<input type="checkbox"/>	5000.000	4963.342	25783226.28	4.3389	A	4.1
8	<input type="checkbox"/>			9748.03	0.0020	P	1.7

$$y = 8.7418\text{E-}004 * x + 2.3178\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01197$$

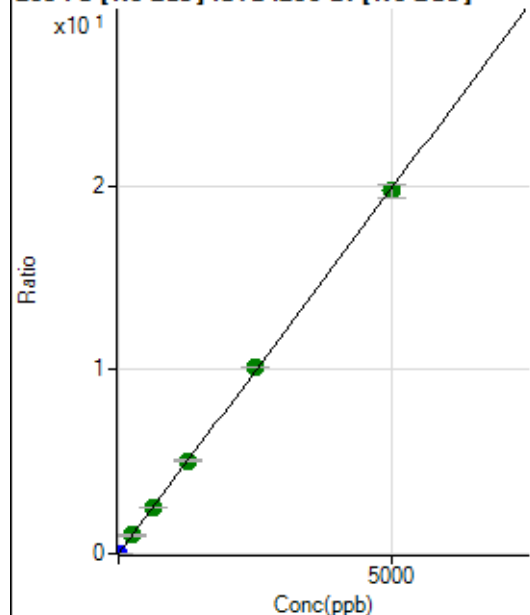
$$BEC = 0.02651$$

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	717.80	0.0001	P	8.2
2	<input type="checkbox"/>	1.000	0.831	21143.32	0.0034	P	1.6
3	<input type="checkbox"/>	250.000	251.873	5949698.63	0.9996	A	3.0
4	<input type="checkbox"/>	625.000	629.414	15197663.80	2.4977	A	0.4
5	<input type="checkbox"/>	1250.000	1270.633	30673121.56	5.0421	A	1.2
6	<input type="checkbox"/>	2500.000	2553.526	60693990.49	10.1327	A	0.9
7	<input type="checkbox"/>	5000.000	4967.434	117141308.8	19.7114	A	3.5
8	<input type="checkbox"/>			44728.99	0.0092	P	2.3

$$y = 0.0040 * x + 1.1692E-004$$

$$R = 0.9999$$

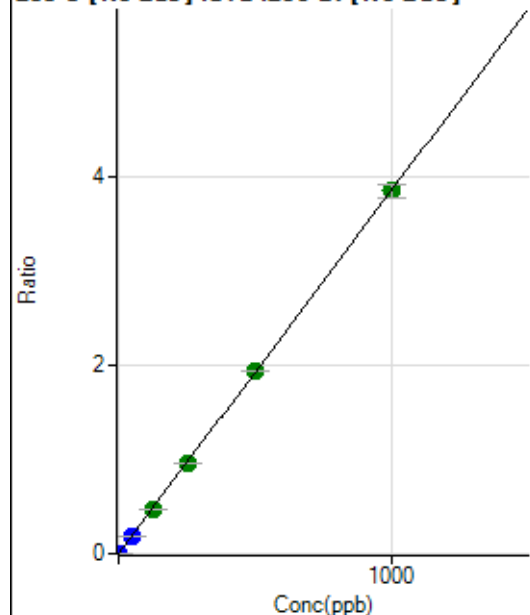
$$DL = 0.007245$$

$$BEC = 0.02946$$

Weight: &lt;None&gt;

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	27.78	0.0000	P	45.5
2	<input type="checkbox"/>	1.000	0.800	19103.78	0.0031	P	1.3
3	<input type="checkbox"/>	50.000	46.723	1070382.79	0.1799	P	3.8
4	<input type="checkbox"/>	125.000	122.211	2862539.16	0.4705	A	1.0
5	<input type="checkbox"/>	250.000	247.468	5794999.50	0.9526	A	0.3
6	<input type="checkbox"/>	500.000	504.617	11635256.35	1.9425	A	0.3
7	<input type="checkbox"/>	1000.000	998.837	22849080.22	3.8450	A	3.8
8	<input type="checkbox"/>			1964.61	0.0004	P	6.9

$$y = 0.0038 * x + 4.5234E-006$$

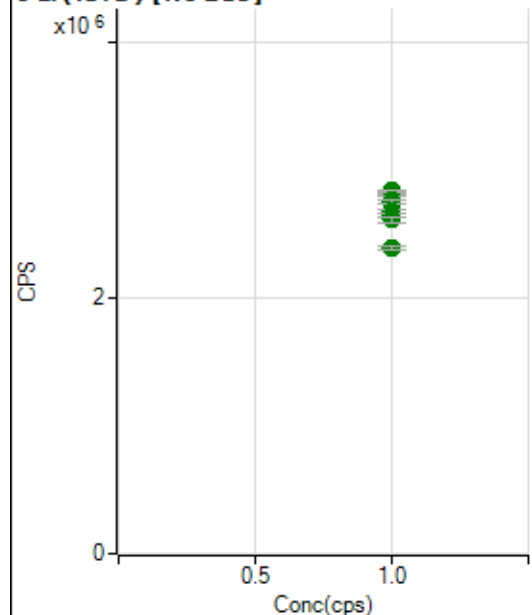
$$R = 1.0000$$

$$DL = 0.001605$$

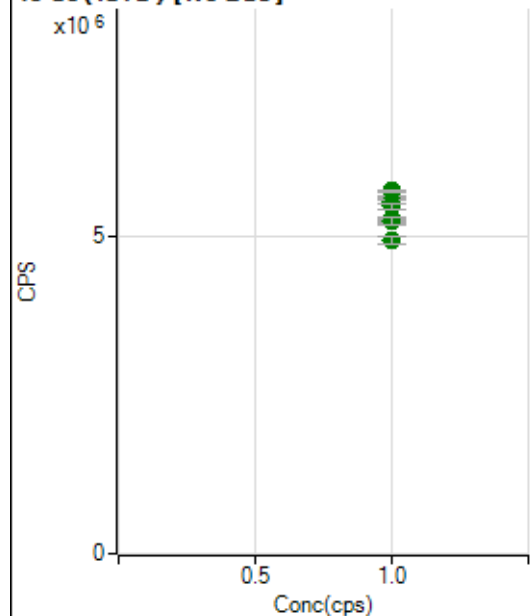
$$BEC = 0.001175$$

Weight: &lt;None&gt;

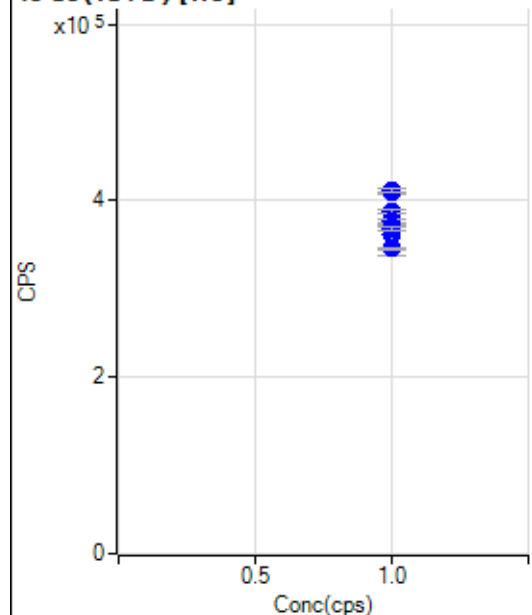
Min Conc: 0

**6 Li (ISTD) [No Gas]**

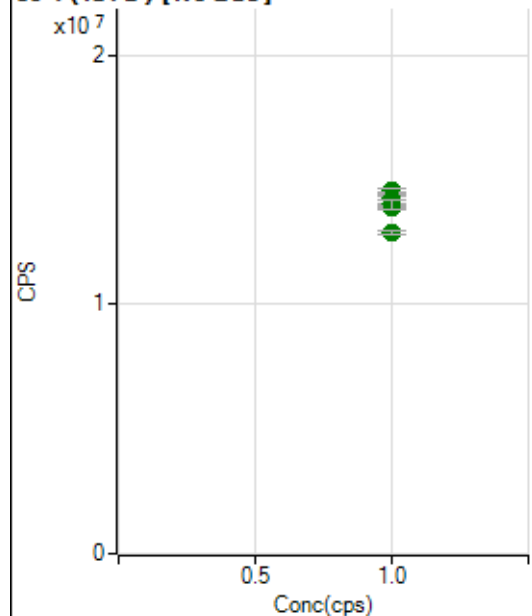
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2812185.69		A	0.1
2	<input type="checkbox"/>	1.000		2835699.37		A	0.7
3	<input type="checkbox"/>	1.000		2766576.16		A	1.9
4	<input type="checkbox"/>	1.000		2748398.08		A	0.9
5	<input type="checkbox"/>	1.000		2676582.15		A	0.8
6	<input type="checkbox"/>	1.000		2643125.92		A	0.9
7	<input type="checkbox"/>	1.000		2608137.57		A	1.6
8	<input type="checkbox"/>	1.000		2386839.88		A	1.0

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

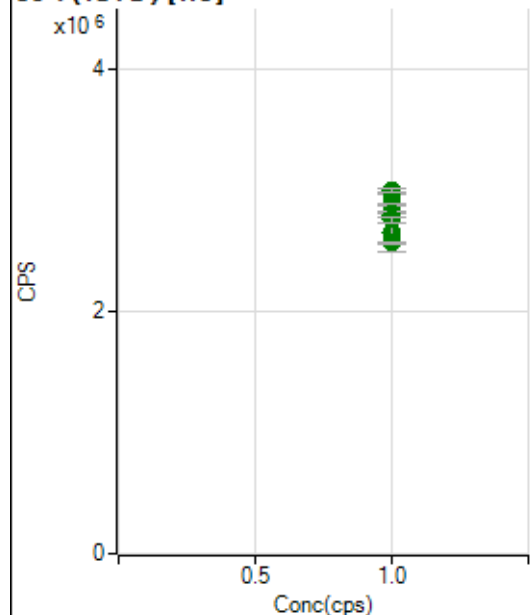
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5625775.40		A	0.5
2	<input type="checkbox"/>	1.000		5727872.07		A	0.7
3	<input type="checkbox"/>	1.000		5544657.76		A	1.2
4	<input type="checkbox"/>	1.000		5485677.49		A	1.5
5	<input type="checkbox"/>	1.000		5290901.48		A	0.8
6	<input type="checkbox"/>	1.000		5242244.96		A	0.8
7	<input type="checkbox"/>	1.000		5260892.94		A	2.1
8	<input type="checkbox"/>	1.000		4949039.34		A	2.0

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

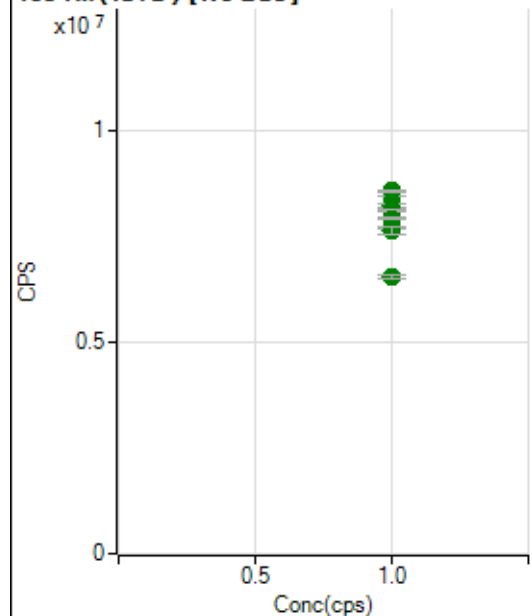
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		409010.81		P	0.7
2	<input type="checkbox"/>	1.000		411028.75		P	1.0
3	<input type="checkbox"/>	1.000		362219.12		P	13.3
4	<input type="checkbox"/>	1.000		387662.54		P	1.2
5	<input type="checkbox"/>	1.000		377128.36		P	0.9
6	<input type="checkbox"/>	1.000		370940.93		P	0.4
7	<input type="checkbox"/>	1.000		367793.22		P	1.1
8	<input type="checkbox"/>	1.000		345990.29		P	0.6

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

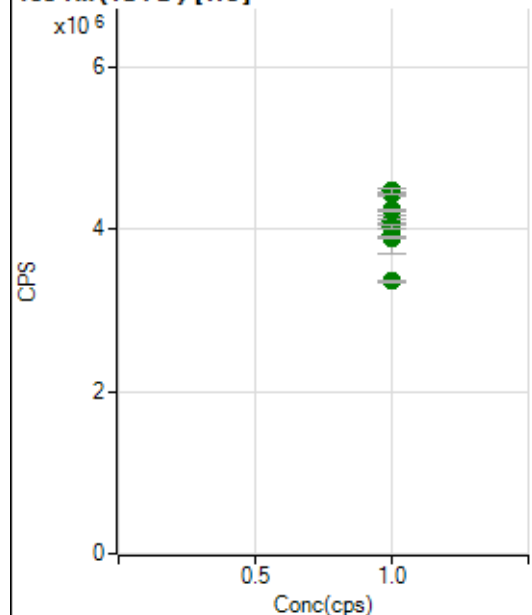
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		14394845.07		A	0.4
2	<input type="checkbox"/>	1.000		14556479.36		A	0.9
3	<input type="checkbox"/>	1.000		14239954.51		A	2.2
4	<input type="checkbox"/>	1.000		14175528.82		A	0.2
5	<input type="checkbox"/>	1.000		13965053.96		A	0.4
6	<input type="checkbox"/>	1.000		13873561.60		A	0.4
7	<input type="checkbox"/>	1.000		14003966.73		A	2.5
8	<input type="checkbox"/>	1.000		12854588.56		A	1.3

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

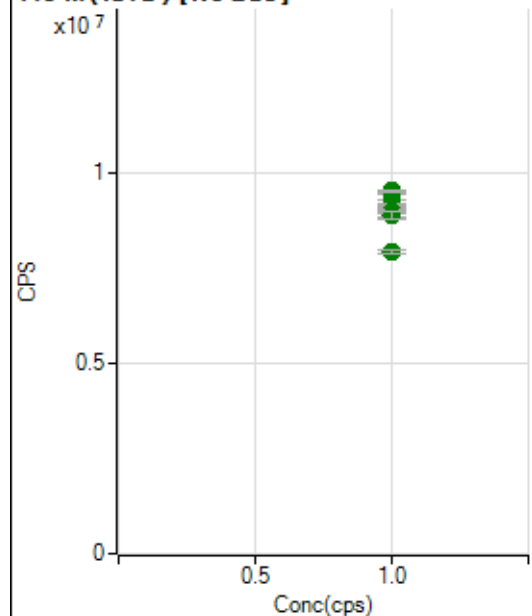
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2969099.47		A	0.6
2	<input type="checkbox"/>	1.000		2989254.30		A	1.0
3	<input type="checkbox"/>	1.000		2647749.09		A	12.4
4	<input type="checkbox"/>	1.000		2878645.13		A	0.4
5	<input type="checkbox"/>	1.000		2797809.02		A	0.1
6	<input type="checkbox"/>	1.000		2791815.27		A	1.6
7	<input type="checkbox"/>	1.000		2750000.62		A	1.4
8	<input type="checkbox"/>	1.000		2566396.70		A	0.6

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

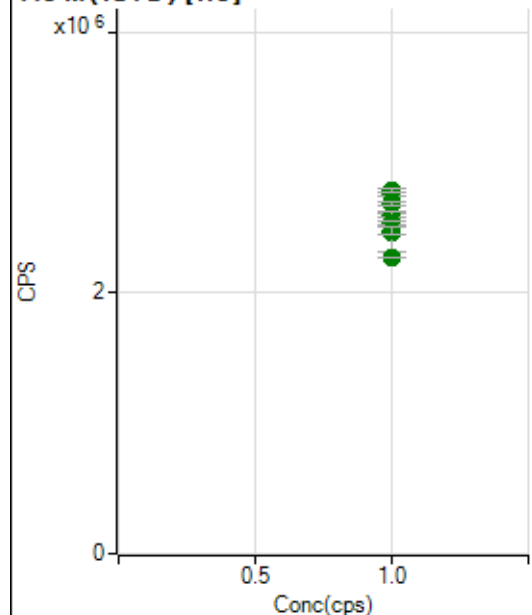
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8450981.96		A	0.2
2	<input type="checkbox"/>	1.000		8569393.13		A	0.2
3	<input type="checkbox"/>	1.000		8211083.28		A	1.3
4	<input type="checkbox"/>	1.000		8121913.70		A	0.4
5	<input type="checkbox"/>	1.000		7915379.81		A	0.5
6	<input type="checkbox"/>	1.000		7667621.14		A	0.3
7	<input type="checkbox"/>	1.000		7628331.90		A	2.5
8	<input type="checkbox"/>	1.000		6562087.33		A	1.4

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

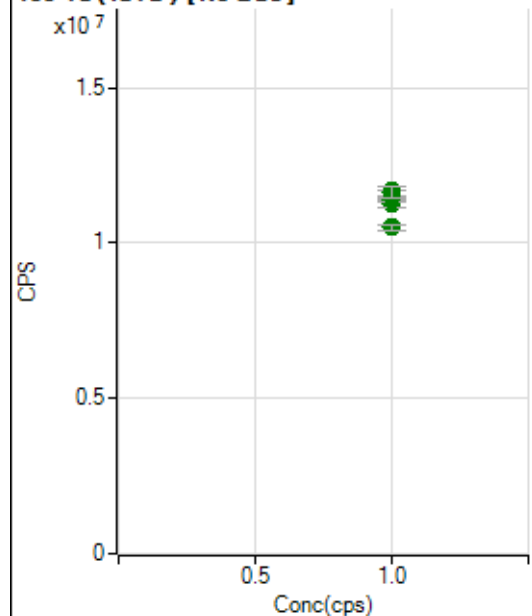
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4429246.91		A	1.2
2	<input type="checkbox"/>	1.000		4468477.50		A	1.2
3	<input type="checkbox"/>	1.000		3927424.84		A	12.3
4	<input type="checkbox"/>	1.000		4228403.41		A	0.6
5	<input type="checkbox"/>	1.000		4108407.37		A	1.2
6	<input type="checkbox"/>	1.000		4031267.79		A	0.9
7	<input type="checkbox"/>	1.000		3888381.33		A	0.5
8	<input type="checkbox"/>	1.000		3356843.87		A	0.8

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

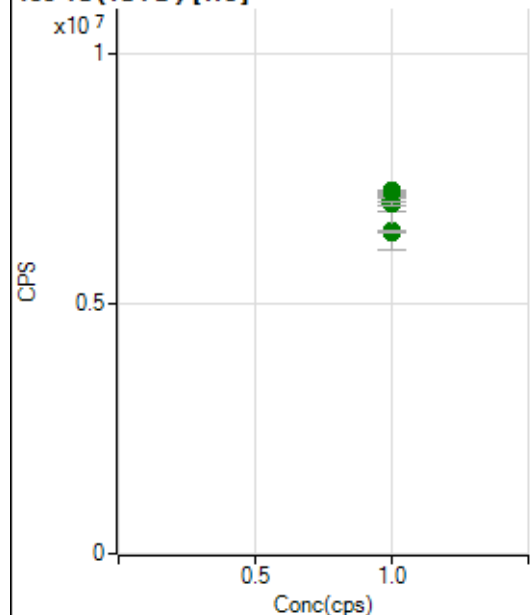
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		9456654.34		A	0.8
2	<input type="checkbox"/>	1.000		9520286.94		A	0.6
3	<input type="checkbox"/>	1.000		9177495.30		A	2.3
4	<input type="checkbox"/>	1.000		9162842.14		A	0.2
5	<input type="checkbox"/>	1.000		8994607.13		A	1.0
6	<input type="checkbox"/>	1.000		8875554.82		A	0.9
7	<input type="checkbox"/>	1.000		8877116.89		A	2.7
8	<input type="checkbox"/>	1.000		7922518.56		A	1.1

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

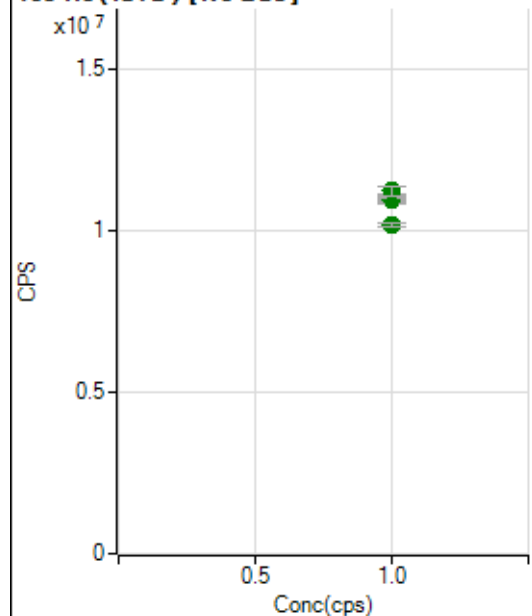
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2751443.77		A	1.2
2	<input type="checkbox"/>	1.000		2781167.94		A	1.1
3	<input type="checkbox"/>	1.000		2461438.08		A	12.1
4	<input type="checkbox"/>	1.000		2683834.36		A	1.2
5	<input type="checkbox"/>	1.000		2601078.10		A	1.5
6	<input type="checkbox"/>	1.000		2534079.72		A	0.8
7	<input type="checkbox"/>	1.000		2476533.26		A	2.0
8	<input type="checkbox"/>	1.000		2271451.69		A	0.5

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

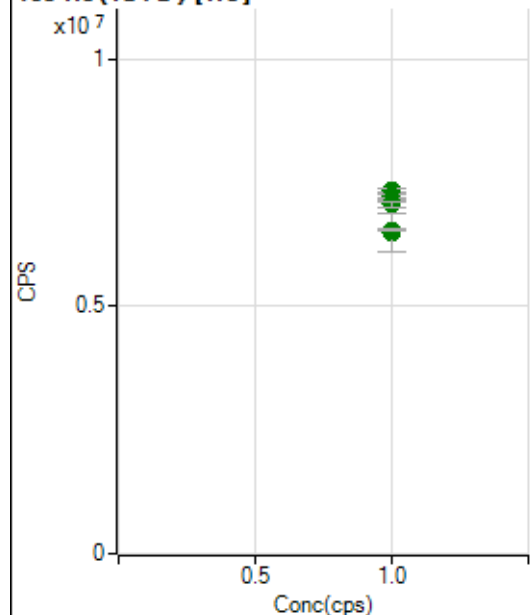
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		11462006.50		A	0.6
2	<input type="checkbox"/>	1.000		11679963.44		A	0.0
3	<input type="checkbox"/>	1.000		11266894.69		A	2.1
4	<input type="checkbox"/>	1.000		11487073.72		A	0.1
5	<input type="checkbox"/>	1.000		11391117.05		A	0.8
6	<input type="checkbox"/>	1.000		11501826.08		A	0.1
7	<input type="checkbox"/>	1.000		11647172.33		A	3.2
8	<input type="checkbox"/>	1.000		10504416.93		A	1.7

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

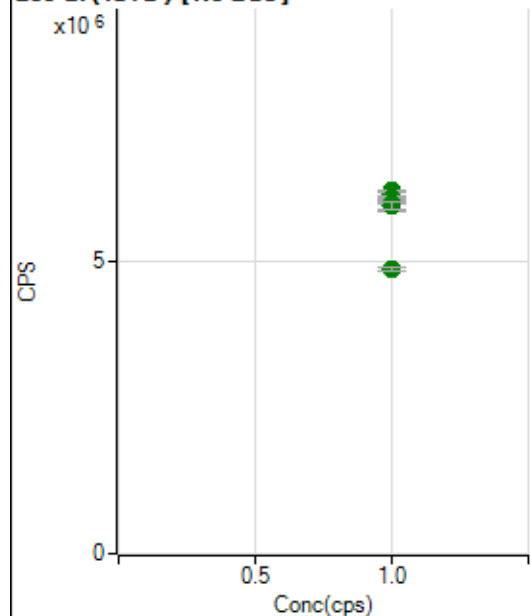
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		7245618.64		A	0.4
2	<input type="checkbox"/>	1.000		7193236.98		A	0.8
3	<input type="checkbox"/>	1.000		6444454.07		A	11.8
4	<input type="checkbox"/>	1.000		7132487.18		A	0.8
5	<input type="checkbox"/>	1.000		7061522.60		A	1.0
6	<input type="checkbox"/>	1.000		6976750.73		A	1.2
7	<input type="checkbox"/>	1.000		6987685.10		A	0.8
8	<input type="checkbox"/>	1.000		6432574.56		A	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		10957685.53		A	0.4
2	<input type="checkbox"/>	1.000		11119275.95		A	0.5
3	<input type="checkbox"/>	1.000		10959007.20		A	2.0
4	<input type="checkbox"/>	1.000		11065696.36		A	0.7
5	<input type="checkbox"/>	1.000		11056317.47		A	0.7
6	<input type="checkbox"/>	1.000		11090580.11		A	1.2
7	<input type="checkbox"/>	1.000		11251592.61		A	2.6
8	<input type="checkbox"/>	1.000		10207314.99		A	1.0

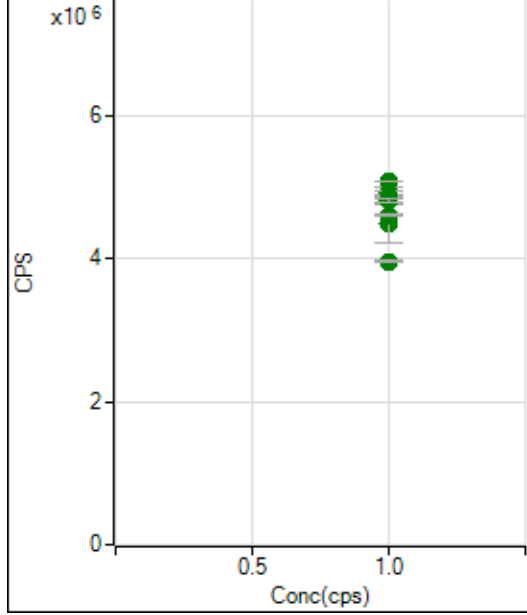
**165 Ho (ISTD) [He]**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		7340385.93		A	1.1
2	<input type="checkbox"/>	1.000		7224756.14		A	1.4
3	<input type="checkbox"/>	1.000		6500711.64		A	12.1
4	<input type="checkbox"/>	1.000		7237725.31		A	0.8
5	<input type="checkbox"/>	1.000		7135821.00		A	0.8
6	<input type="checkbox"/>	1.000		7174925.52		A	0.9
7	<input type="checkbox"/>	1.000		7076115.66		A	1.6
8	<input type="checkbox"/>	1.000		6551139.63		A	0.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6140767.83		A	0.8
2	<input type="checkbox"/>	1.000		6193824.63		A	0.6
3	<input type="checkbox"/>	1.000		5955867.06		A	3.4
4	<input type="checkbox"/>	1.000		6084637.82		A	0.3
5	<input type="checkbox"/>	1.000		6083125.46		A	0.7
6	<input type="checkbox"/>	1.000		5989853.17		A	0.5
7	<input type="checkbox"/>	1.000		5945898.18		A	2.2
8	<input type="checkbox"/>	1.000		4854211.63		A	1.8



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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5073167.74		A	0.2
2	<input type="checkbox"/>	1.000		4948434.44		A	1.7
3	<input type="checkbox"/>	1.000		4496224.45		A	12.1
4	<input type="checkbox"/>	1.000		4915114.48		A	1.3
5	<input type="checkbox"/>	1.000		4854600.14		A	0.8
6	<input type="checkbox"/>	1.000		4809611.53		A	0.9
7	<input type="checkbox"/>	1.000		4607568.61		A	0.2
8	<input type="checkbox"/>	1.000		3965962.41		A	0.6

# US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7100623 MS.b

Acq. Date-Time 2023-10-06 13:19:55

Report Comment ---

Instrument Name G8403A JP14410463

[No Gas]

## Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		8886	88860.42			0.625	5.000
24		351033	3510334.55			0.585	5.000
25		47515	475146.86			0.545	5.000
26		54522	545218.20			0.451	5.000
59		73522	735222.28			0.389	5.000
113		10237	102372.53			0.470	5.000
115		125910	1259095.04			0.740	5.000
206		55807	558071.29			0.622	5.000
207		49230	492304.51			0.937	5.000
208		125448	1254475.39			1.298	5.000
220		0	3.50			34.993	

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

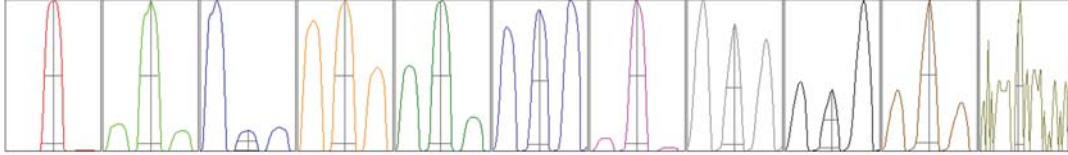
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8904	8902	8909	8788	8927
24	347475	352591	351166	352073	351862
25	47135	47429	47640	47538	47832
26	54134	54517	54653	54513	54792
59	73044	73801	73518	73609	73638
113	10272	10277	10249	10157	10232
115	127354	126319	125081	125433	125360
206	55903	55772	56290	55321	55750
207	49772	49407	49440	48605	48929
208	125827	125729	127540	123020	125121

# US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	1	0	0

Integration Time [sec] 0.1

## Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	16494.35	9.05	8.90 - 9.10	
24	625100.88	24.05	23.90 - 24.10	
25	83538.40	25.05	24.90 - 25.10	
26	96669.78	26.00	25.90 - 26.10	
59	132876.86	58.95	58.90 - 59.10	
113	21213.15	113.00	112.90 - 113.10	
115	259851.43	115.00	114.90 - 115.10	
206	127947.95	206.00	205.90 - 206.10	
207	113182.75	207.00	206.90 - 207.10	
208	277163.12	208.00	207.90 - 208.10	
220	0.65	219.75	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.55	0.685	0.900	
24	0.59	0.737	0.900	
25	0.59	0.736	0.900	
26	0.58	0.767	0.900	
59	0.57	0.719	0.900	
113	0.49	0.668	0.900	
115	0.50	0.706	0.900	
206	0.46	0.707	0.900	
207	0.45	0.660	0.900	
208	0.47	0.733	0.900	
220	0.22	0.292		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

## Tune Parameters

### Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 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	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

## Lens Parameters

Extract 1	0.0 V	Omega Lens	8.2 V	Deflect	14.6 V
Extract 2	-110.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 V	Cell Exit	-50 V		

## Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

## QP Parameters

Mass Gain	131	Axis Gain	0.9970	QP Bias	-3.0 V
Mass Offset	131	Axis Offset	0.18		

## Hardware Settings

### Torch

Torch H	-1.0 mm	Torch V	0.9 mm
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### EM

Discriminator	4.7 mV	Analog HV	2270 V	Pulse HV	1376 V
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[He]

## Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		21196	211956.79			0.940	
89		236939	2369394.47			1.564	
205		51246	512458.06			1.769	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	21424	21251	21286	21122	20895
89	241775	234479	237202	238932	232309
205	52210	51891	51151	51116	49861

Integration Time [sec] 0.1

## Tune Parameters

### Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

### Lens Parameters

Extract 1	0.0 V	Omega Lens	9.0 V	Deflect	2.0 V
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# US EPA Tune Check Report

Extract 2	-110.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-60 V	Cell Exit	-60 V		

## Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

## QP Parameters

Mass Gain	131	Axis Gain	0.9970	QP Bias	-13.0 V
Mass Offset	131	Axis Offset	0.18		

## Hardware Settings

### Torch

Torch H	-1.0 mm	Torch V	0.9 mm
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### EM

Discriminator	4.7 mV	Analog HV	2270 V	Pulse HV	1376 V
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