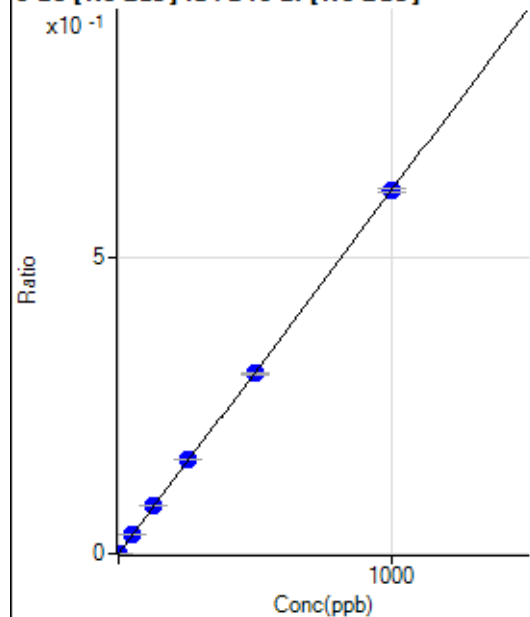


# Calibration for 010CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7051923 MS.b\  
 Analysis File: P7051923 MS.batch.bin  
 DA Date-Time: 2023-05-19 16:57:50  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2023-05-19 11:19:23
2	005CALS.d	S02	2023-05-19 11:25:54
3	006CALS.d	S03	2023-05-19 11:29:11
4	007CALS.d	S04	2023-05-19 11:32:18
5	008CALS.d	S05	2023-05-19 11:35:19
6	009CALS.d	S06	2023-05-19 11:38:13
7	010CALS.d	S07	2023-05-19 11:41:05
8	011CALS.d	S08	2023-05-19 11:43:51

**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	26.67	0.0000	P	25.8
2	<input type="checkbox"/>	1.000	1.101	783.36	0.0007	P	2.1
3	<input type="checkbox"/>	50.000	53.079	37012.85	0.0326	P	0.8
4	<input type="checkbox"/>	125.000	132.303	90390.44	0.0813	P	2.6
5	<input type="checkbox"/>	250.000	260.030	173077.57	0.1597	P	1.3
6	<input type="checkbox"/>	500.000	495.421	329628.09	0.3043	P	1.7
7	<input type="checkbox"/>	1000.000	998.715	643939.58	0.6134	P	1.1
8	<input type="checkbox"/>			376.68	0.0004	P	26.0

$$y = 6.1419\text{E-}004 * x + 2.3851\text{E-}005$$

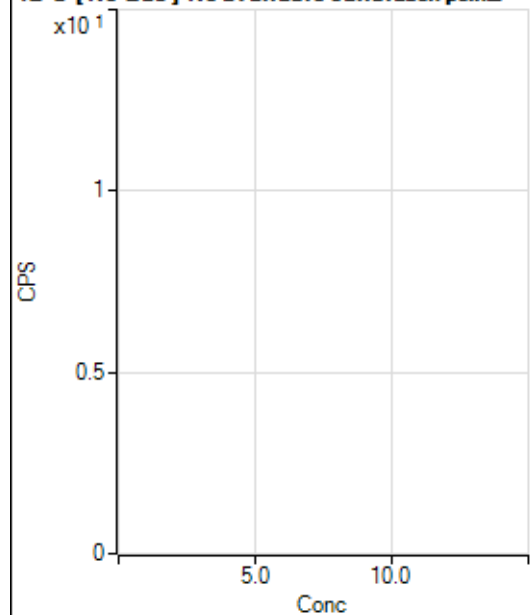
$$R = 0.9999$$

$$DL = 0.03009$$

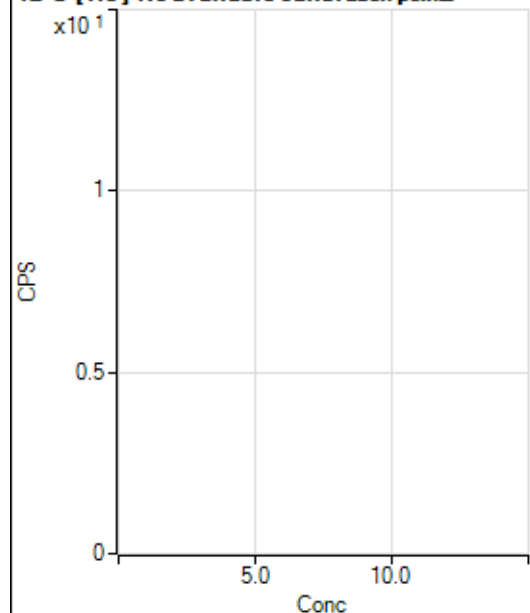
$$BEC = 0.03883$$

Weight: &lt;None&gt;

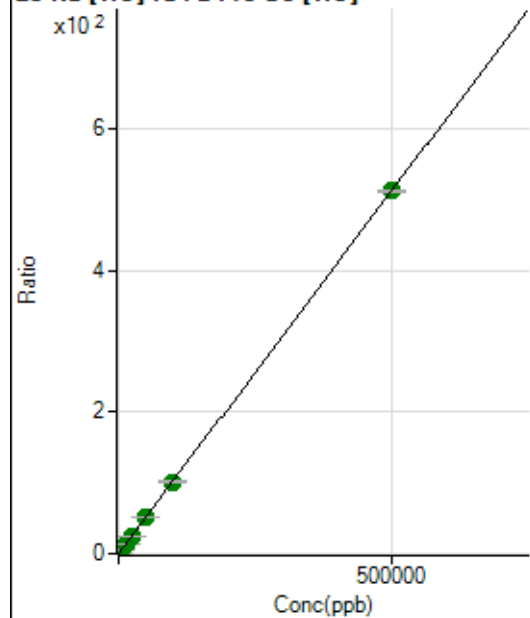
Min Conc: 0

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

	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>						
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	2872.51	0.0129	P	1.2
2	<input type="checkbox"/>	500.000	485.984	113424.82	0.5102	P	1.2
3	<input type="checkbox"/>	5000.000	4989.823	1102159.44	5.1193	A	1.0
4	<input type="checkbox"/>	12500.000	12494.219	2694405.13	12.7989	A	0.9
5	<input type="checkbox"/>	25000.000	24856.394	5149347.60	25.4498	A	1.1
6	<input type="checkbox"/>	50000.000	49334.223	10051666.66	50.4992	A	0.6
7	<input type="checkbox"/>	100000.00	99330.573	20023147.20	101.6632	A	1.1
8	<input type="checkbox"/>	500000.00	500207.90	90059174.21	511.9023	A	0.5

$$y = 0.0010 * x + 0.0129$$

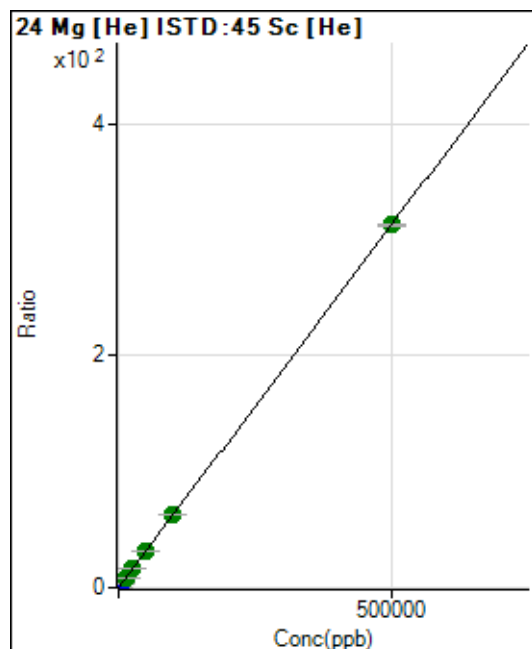
$$R = 1.0000$$

$$DL = 0.4565$$

$$BEC = 12.61$$

Weight: &lt;None&gt;

Min Conc: 0



	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	451.12	0.0020	P	9.4
2	<input type="checkbox"/>	500.000	492.415	68892.22	0.3099	P	1.0
3	<input type="checkbox"/>	5000.000	5147.478	693345.74	3.2204	P	0.6
4	<input type="checkbox"/>	12500.000	12908.365	1699466.73	8.0728	A	1.1
5	<input type="checkbox"/>	25000.000	25629.470	3242826.55	16.0266	A	0.7
6	<input type="checkbox"/>	50000.000	50259.413	6255175.46	31.4262	A	1.1
7	<input type="checkbox"/>	100000.00	100209.17	12340657.18	62.6567	A	0.6
8	<input type="checkbox"/>	500000.00	499889.07	54989094.18	312.5520	A	0.2

$$y = 6.2524\text{E-}004 * x + 0.0020$$

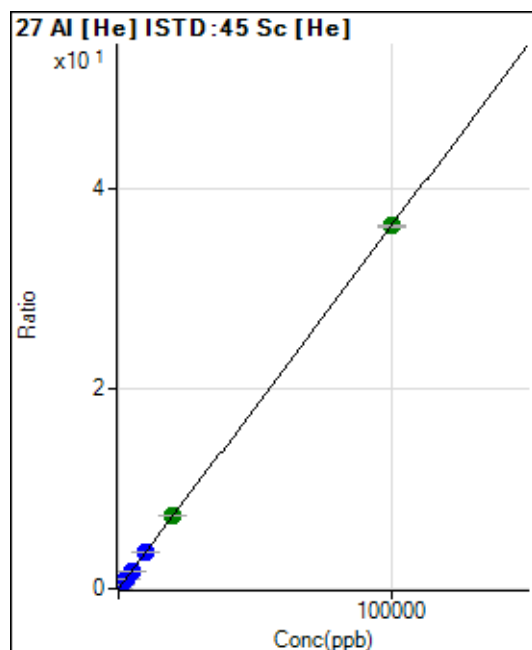
$$R = 1.0000$$

$$DL = 0.9155$$

$$BEC = 3.241$$

Weight: <None>

Min Conc: 0



	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	27.78	0.0001	P	13.8
2	<input type="checkbox"/>	20.000	20.435	1674.55	0.0075	P	4.6
3	<input type="checkbox"/>	1000.000	1018.418	79515.46	0.3693	P	1.1
4	<input type="checkbox"/>	2500.000	2485.539	189722.35	0.9012	P	0.6
5	<input type="checkbox"/>	5000.000	5004.636	367131.15	1.8145	P	0.5
6	<input type="checkbox"/>	10000.000	9984.863	720536.44	3.6199	P	0.5
7	<input type="checkbox"/>	20000.000	20149.993	1438772.48	7.3051	A	1.4
8	<input type="checkbox"/>	100000.00	99971.460	6376106.29	36.2429	A	0.6

$$y = 3.6253\text{E-}004 * x + 1.2477\text{E-}004$$

$$R = 1.0000$$

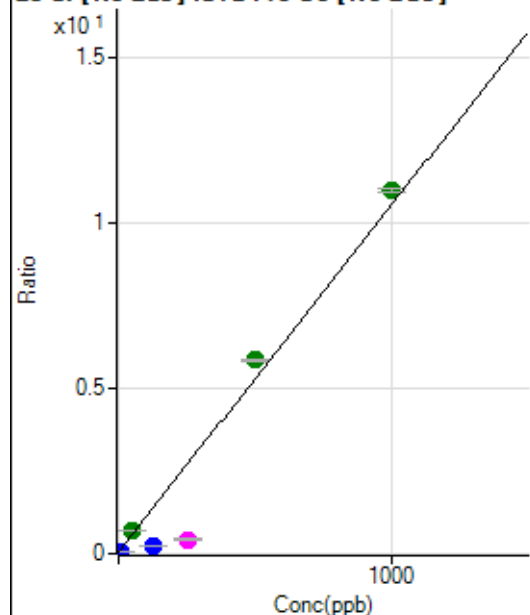
$$DL = 0.1422$$

$$BEC = 0.3442$$

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	157782.10	0.0543	P	1.9
2	<input type="checkbox"/>	10.000	1.120	186948.01	0.0661	P	1.2
3	<input type="checkbox"/>	50.000	59.722	1922469.95	0.6812	A	0.5
4	<input type="checkbox"/>	125.000	15.500	608101.92	0.2170	P	5.3
5	<input type="checkbox"/>	250.000	35.500	1147486.78	0.4269	M	7.0
6	<input type="checkbox"/>	500.000	552.211	15490663.94	5.8502	A	0.7
7	<input type="checkbox"/>	1000.000	1040.810	28949539.57	10.9784	A	1.2
8	<input type="checkbox"/>			472557.93	0.1987	P	9.4

$$y = 0.0105 * x + 0.0543$$

$$R = 0.9741$$

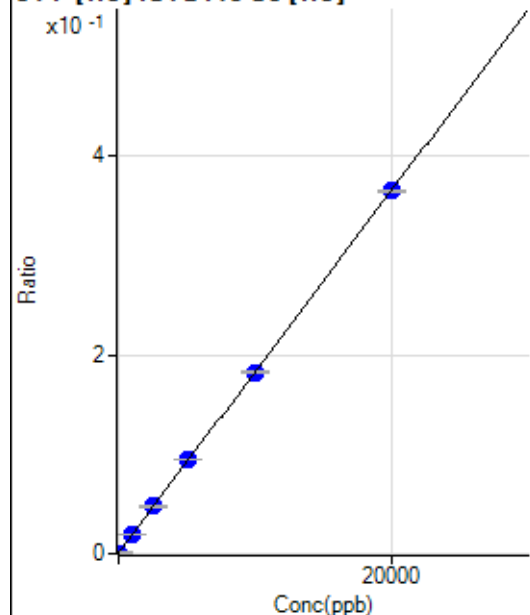
$$DL = 0.2988$$

$$BEC = 5.176$$

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	-10.562	126.67	0.0006	P	3.3
2	<input type="checkbox"/>	0.000	10.562	212.23	0.0010	P	18.8
3	<input type="checkbox"/>	1000.000	999.682	4089.47	0.0190	P	4.2
4	<input type="checkbox"/>	2500.000	2583.214	10078.95	0.0479	P	2.9
5	<input type="checkbox"/>	5000.000	5117.585	19040.81	0.0941	P	0.1
6	<input type="checkbox"/>	10000.000	9971.042	36352.05	0.1826	P	0.3
7	<input type="checkbox"/>	20000.000	19974.697	71907.76	0.3651	P	0.4
8	<input type="checkbox"/>			127.78	0.0007	P	22.0

$$y = 1.8239E-005 * x + 7.6177E-004$$

$$R = 1.0000$$

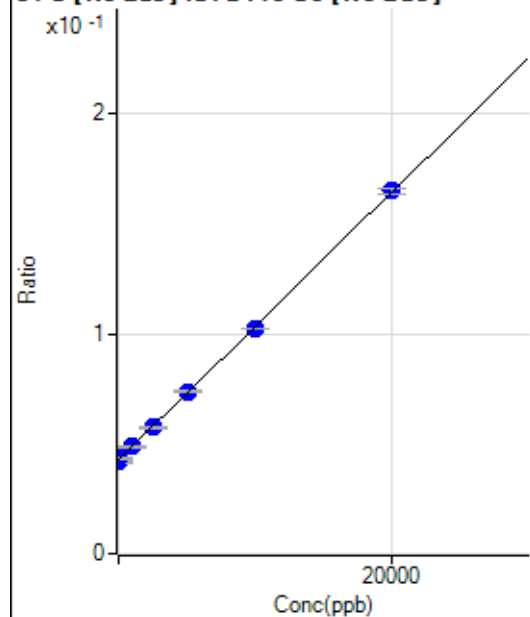
$$DL = 16.29$$

$$BEC = 41.76$$

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	-150.635	120950.34	0.0416	P	2.3
2	<input type="checkbox"/>	0.000	150.635	123001.02	0.0435	P	1.8
3	<input type="checkbox"/>	1000.000	978.967	136943.51	0.0485	P	0.6
4	<input type="checkbox"/>	2500.000	2445.868	161068.40	0.0575	P	1.4
5	<input type="checkbox"/>	5000.000	5130.268	198412.65	0.0738	P	0.6
6	<input type="checkbox"/>	10000.000	9776.268	270289.01	0.1021	P	0.3
7	<input type="checkbox"/>	20000.000	20087.117	434648.96	0.1648	P	1.9
8	<input type="checkbox"/>			101706.46	0.0427	P	1.7

$$y = 6.0876E-006 * x + 0.0426$$

R = 0.9998

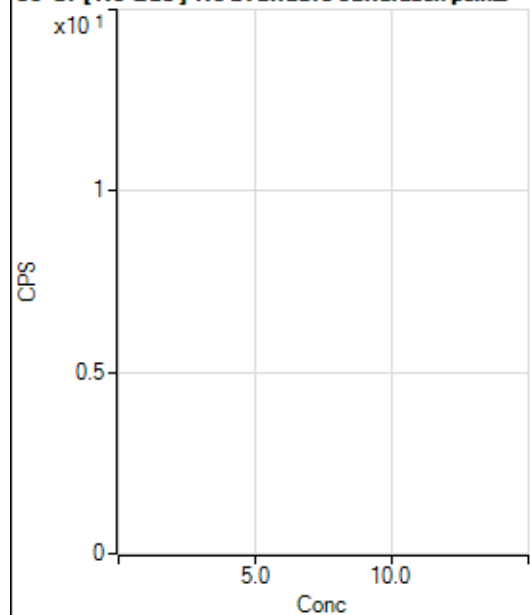
DL = 422.8

BEC = 6991

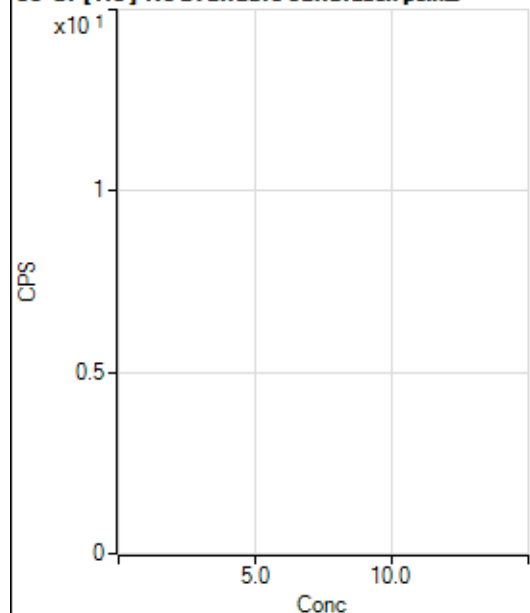
Weight: &lt;None&gt;

Min Conc: 0

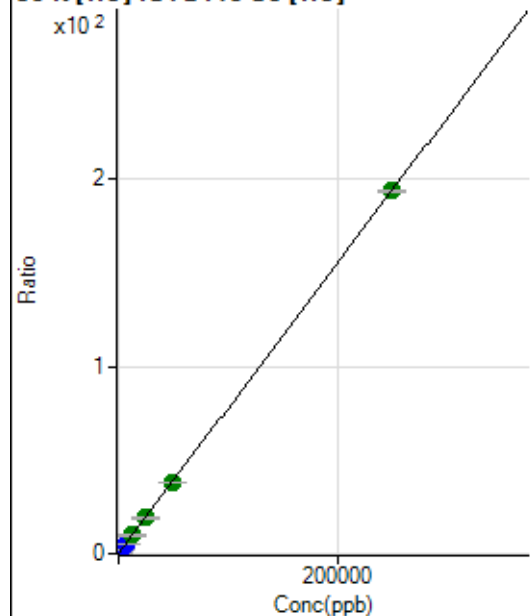
35 Cl [No Gas] No available calibration points



	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	31867.76	0.1432	P	1.8
2	<input type="checkbox"/>	500.000	504.644	118572.52	0.5334	P	0.2
3	<input type="checkbox"/>	2500.000	2614.569	466081.19	2.1648	P	0.6
4	<input type="checkbox"/>	6250.000	6568.798	1099395.86	5.2223	P	0.2
5	<input type="checkbox"/>	12500.000	12467.857	1979568.96	9.7837	A	1.2
6	<input type="checkbox"/>	25000.000	24390.405	3782466.71	19.0025	A	0.3
7	<input type="checkbox"/>	50000.000	49296.945	7535752.94	38.2610	A	0.7
8	<input type="checkbox"/>	250000.00	250194.05	34061827.55	193.6003	A	0.4

$$y = 7.7323\text{E-}004 * x + 0.1432$$

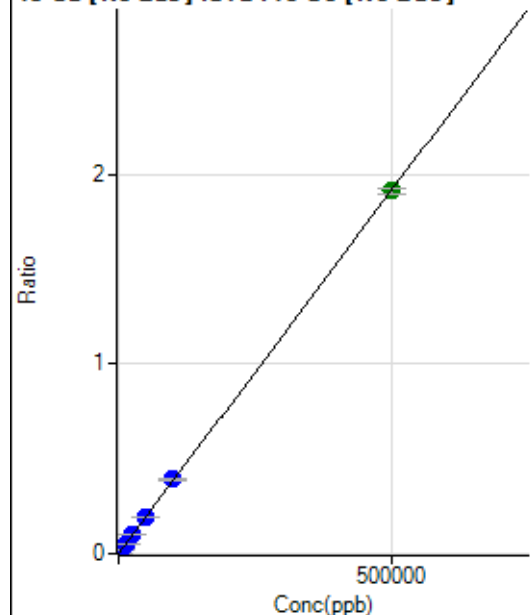
$$R = 1.0000$$

$$DL = 9.744$$

$$BEC = 185.2$$

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	76.58	0.0000	P	33.4
2	<input type="checkbox"/>	500.000	519.405	5701.99	0.0020	P	1.6
3	<input type="checkbox"/>	5000.000	5290.622	57257.44	0.0203	P	0.8
4	<input type="checkbox"/>	12500.000	13168.469	141464.81	0.0505	P	1.3
5	<input type="checkbox"/>	25000.000	26086.157	268682.92	0.0999	P	0.9
6	<input type="checkbox"/>	50000.000	50949.559	516721.14	0.1951	P	1.1
7	<input type="checkbox"/>	100000.00	102035.04	1030446.57	0.3908	P	1.5
8	<input type="checkbox"/>	500000.00	499424.09	4554884.65	1.9127	A	1.7

$$y = 3.8297E-006 * x + 2.6269E-005$$

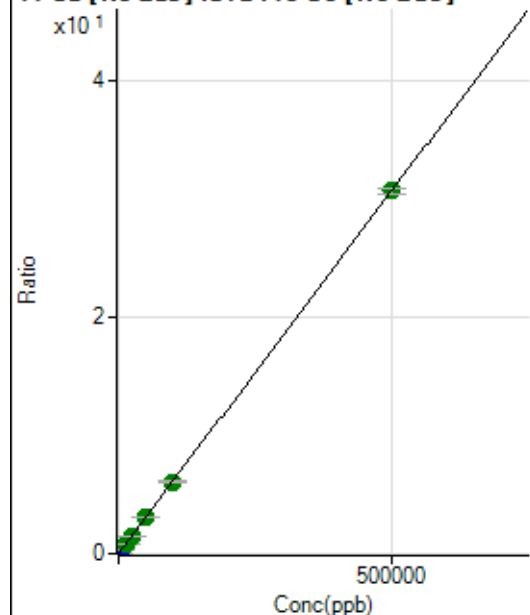
$$R = 1.0000$$

$$DL = 6.881$$

$$BEC = 6.859$$

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	4653.45	0.0016	P	5.1
2	<input type="checkbox"/>	500.000	523.899	95407.77	0.0337	P	1.2
3	<input type="checkbox"/>	5000.000	5284.450	918893.55	0.3256	P	0.8
4	<input type="checkbox"/>	12500.000	12381.039	2132826.09	0.7607	A	1.0
5	<input type="checkbox"/>	25000.000	25011.959	4127528.84	1.5351	A	0.9
6	<input type="checkbox"/>	50000.000	49529.915	8045168.34	3.0382	A	0.2
7	<input type="checkbox"/>	100000.00	98899.332	15993012.65	6.0650	A	1.4
8	<input type="checkbox"/>	500000.00	500266.65	73051296.63	30.6724	A	1.5

$$y = 6.1309E-005 * x + 0.0016$$

$$R = 1.0000$$

$$DL = 3.982$$

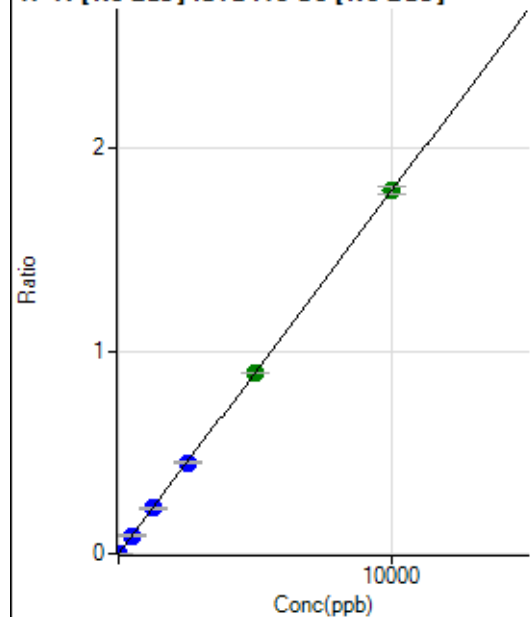
$$BEC = 26.14$$

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	46.67	0.0000	P	17.5
2	<input type="checkbox"/>	5.000	5.041	2596.91	0.0009	P	2.0
3	<input type="checkbox"/>	500.000	502.465	253742.77	0.0899	P	1.7
4	<input type="checkbox"/>	1250.000	1253.483	628742.55	0.2243	P	2.0
5	<input type="checkbox"/>	2500.000	2513.072	1208925.21	0.4496	P	0.8
6	<input type="checkbox"/>	5000.000	4983.600	2361064.09	0.8916	A	0.9
7	<input type="checkbox"/>	10000.000	10004.373	4719422.12	1.7899	A	2.1
8	<input type="checkbox"/>			1048.94	0.0004	P	13.3

$$y = 1.7891\text{E-}004 * x + 1.6039\text{E-}005$$

$$R = 1.0000$$

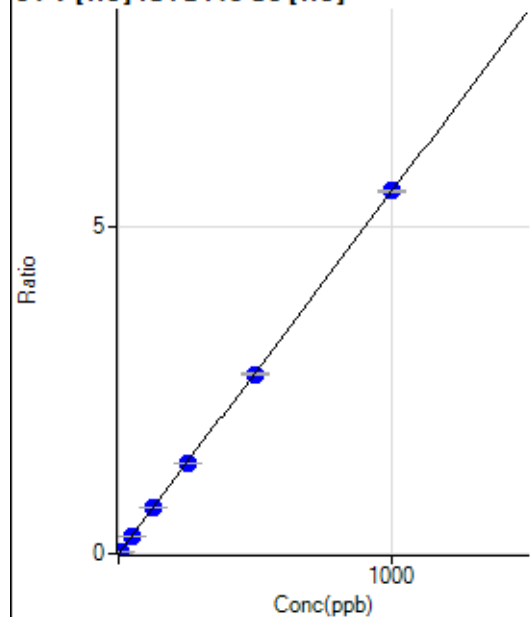
$$DL = 0.04711$$

$$BEC = 0.08965$$

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	2.22	0.0000	P	173.
2	<input type="checkbox"/>	5.000	4.815	5917.88	0.0266	P	0.6
3	<input type="checkbox"/>	50.000	49.755	59199.86	0.2750	P	1.7
4	<input type="checkbox"/>	125.000	125.542	146052.73	0.6938	P	0.3
5	<input type="checkbox"/>	250.000	250.571	280177.93	1.3847	P	0.4
6	<input type="checkbox"/>	500.000	495.234	544740.76	2.7368	P	0.7
7	<input type="checkbox"/>	1000.000	1002.186	1090802.18	5.5383	P	0.5
8	<input type="checkbox"/>			413.34	0.0024	P	10.1

$$y = 0.0055 * x + 1.0048\text{E-}005$$

$$R = 1.0000$$

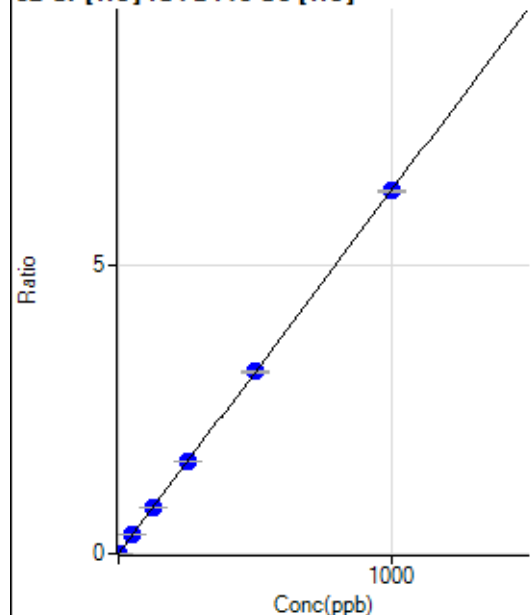
$$DL = 0.009448$$

$$BEC = 0.001818$$

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	553.35	0.0025	P	5.0
2	<input type="checkbox"/>	2.000	2.121	3520.44	0.0158	P	1.9
3	<input type="checkbox"/>	50.000	51.163	69886.25	0.3246	P	1.0
4	<input type="checkbox"/>	125.000	127.160	169064.63	0.8031	P	0.5
5	<input type="checkbox"/>	250.000	254.841	325150.49	1.6070	P	0.2
6	<input type="checkbox"/>	500.000	500.255	627411.30	3.1521	P	0.5
7	<input type="checkbox"/>	1000.000	998.334	1238464.32	6.2880	P	0.5
8	<input type="checkbox"/>			9083.94	0.0516	P	0.7

$$y = 0.0063 * x + 0.0025$$

$$R = 1.0000$$

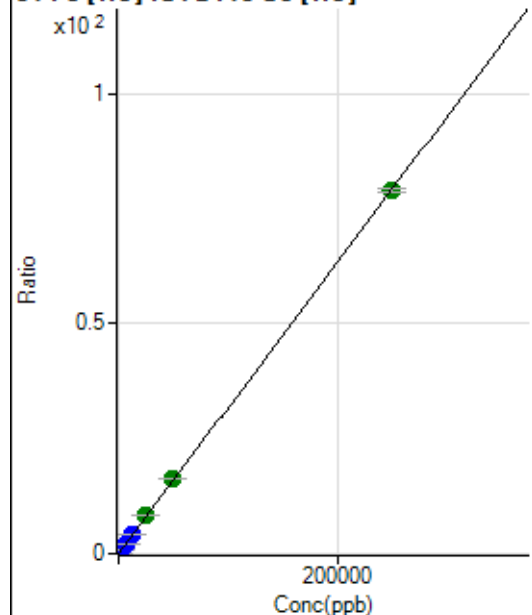
$$DL = 0.05944$$

$$BEC = 0.3949$$

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	1095.61	0.0049	P	1.4
2	<input type="checkbox"/>	50.000	55.866	5018.66	0.0226	P	0.6
3	<input type="checkbox"/>	2500.000	2760.279	188854.21	0.8772	P	0.4
4	<input type="checkbox"/>	6250.000	6931.787	462171.84	2.1954	P	0.5
5	<input type="checkbox"/>	12500.000	13783.340	882295.82	4.3605	P	0.2
6	<input type="checkbox"/>	25000.000	26234.863	1651125.56	8.2952	A	1.4
7	<input type="checkbox"/>	50000.000	51815.555	3225911.59	16.3788	A	0.8
8	<input type="checkbox"/>	250000.00	249429.58	13867151.32	78.8255	A	0.9

$$y = 3.1600E-004 * x + 0.0049$$

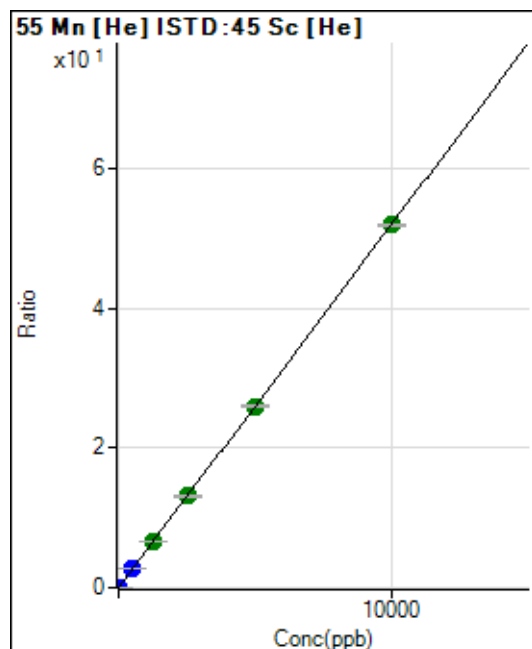
$$R = 1.0000$$

$$DL = 0.6402$$

$$BEC = 15.58$$

Weight: &lt;None&gt;

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	118.89	0.0005	P	5.0
2	<input type="checkbox"/>	1.000	1.010	1285.62	0.0058	P	8.4
3	<input type="checkbox"/>	500.000	509.051	569603.62	2.6457	P	0.2
4	<input type="checkbox"/>	1250.000	1274.665	1394457.20	6.6239	A	0.4
5	<input type="checkbox"/>	2500.000	2530.974	2661135.93	13.1519	A	1.4
6	<input type="checkbox"/>	5000.000	4998.791	5170318.77	25.9752	A	0.2
7	<input type="checkbox"/>	10000.000	9989.325	10223404.43	51.9069	A	0.7
8	<input type="checkbox"/>			5162.04	0.0293	P	2.4

$$y = 0.0052 * x + 5.3423E-004$$

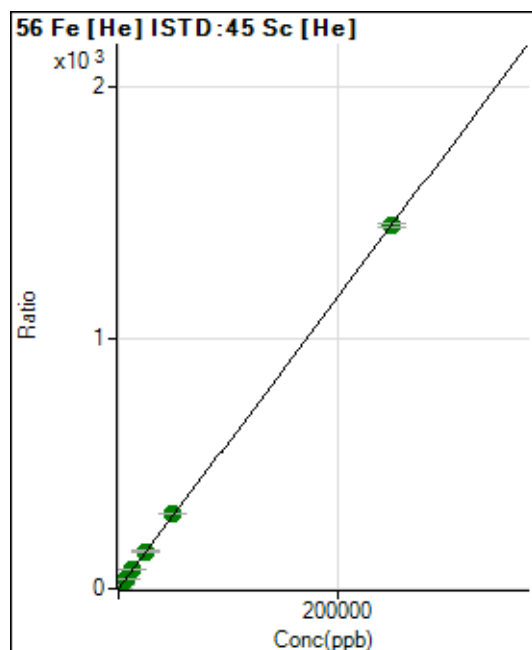
$$R = 1.0000$$

$$DL = 0.01529$$

$$BEC = 0.1028$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	9107.29	0.0409	P	2.5
2	<input type="checkbox"/>	50.000	52.967	77369.80	0.3480	P	0.6
3	<input type="checkbox"/>	2500.000	2638.448	3302580.61	15.3397	A	0.6
4	<input type="checkbox"/>	6250.000	6669.252	8149642.66	38.7119	A	0.8
5	<input type="checkbox"/>	12500.000	13215.630	15513254.22	76.6704	A	0.3
6	<input type="checkbox"/>	25000.000	25769.310	29750366.50	149.4616	A	0.4
7	<input type="checkbox"/>	50000.000	51343.721	58644248.02	297.7521	A	0.7
8	<input type="checkbox"/>	250000.00	249606.67	254621825.1	1,447.359	A	1.0

$$y = 0.0058 * x + 0.0409$$

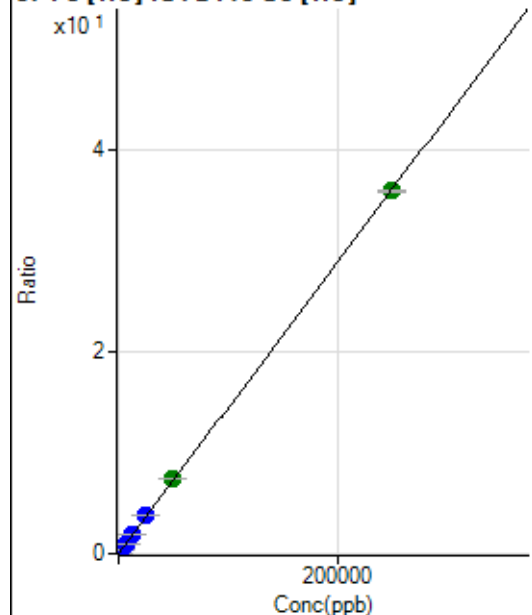
$$R = 1.0000$$

$$DL = 0.5199$$

$$BEC = 7.056$$

Weight: <None>

Min Conc: 0

**57 Fe [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	280.00	0.0013	P	8.2
2	<input type="checkbox"/>	50.000	55.945	2069.05	0.0093	P	3.8
3	<input type="checkbox"/>	2500.000	2721.623	84577.01	0.3928	P	0.7
4	<input type="checkbox"/>	6250.000	6869.256	208328.74	0.9896	P	0.3
5	<input type="checkbox"/>	12500.000	13661.796	397973.93	1.9669	P	0.9
6	<input type="checkbox"/>	25000.000	26591.233	761796.68	3.8272	P	0.4
7	<input type="checkbox"/>	50000.000	51385.723	1456417.13	7.3946	A	0.3
8	<input type="checkbox"/>	250000.00	249487.94	6315277.13	35.8972	A	0.8

$$y = 1.4388\text{E-}004 * x + 0.0013$$

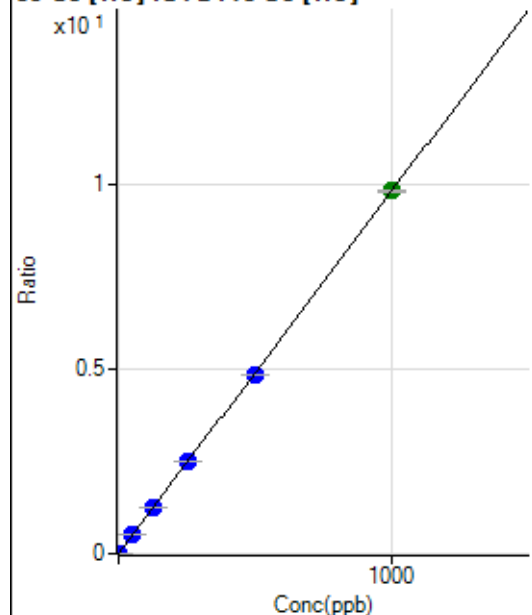
$$R = 1.0000$$

$$DL = 2.146$$

$$BEC = 8.745$$

Weight: &lt;None&gt;

Min Conc: 0

**59 Co [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	33.33	0.0002	P	43.9
2	<input type="checkbox"/>	1.000	1.030	2283.53	0.0103	P	0.7
3	<input type="checkbox"/>	50.000	51.170	108262.06	0.5029	P	0.4
4	<input type="checkbox"/>	125.000	127.797	264338.77	1.2556	P	0.9
5	<input type="checkbox"/>	250.000	253.233	503405.72	2.4880	P	0.3
6	<input type="checkbox"/>	500.000	494.819	967636.66	4.8613	P	0.3
7	<input type="checkbox"/>	1000.000	1001.374	1937626.00	9.8378	A	0.8
8	<input type="checkbox"/>			1887.91	0.0107	P	3.7

$$y = 0.0098 * x + 1.5002\text{E-}004$$

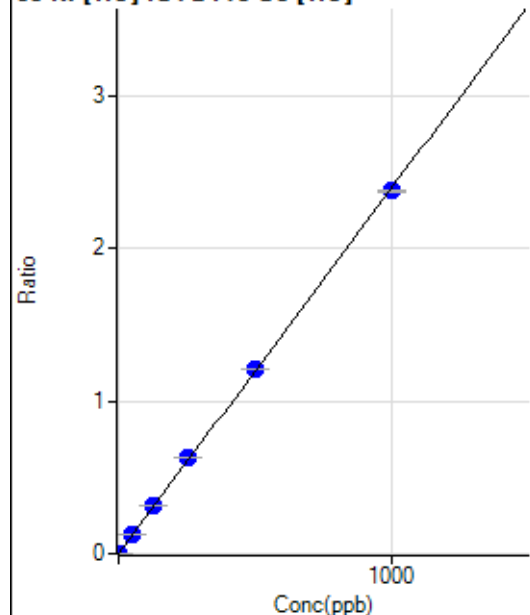
$$R = 1.0000$$

$$DL = 0.02013$$

$$BEC = 0.01527$$

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	120.00	0.0005	P	24.8
2	<input type="checkbox"/>	1.000	0.998	651.13	0.0029	P	2.7
3	<input type="checkbox"/>	50.000	53.232	27540.85	0.1279	P	2.0
4	<input type="checkbox"/>	125.000	132.564	66894.89	0.3178	P	0.8
5	<input type="checkbox"/>	250.000	261.901	126920.00	0.6273	P	0.2
6	<input type="checkbox"/>	500.000	506.019	241134.21	1.2114	P	0.2
7	<input type="checkbox"/>	1000.000	992.908	468082.29	2.3766	P	0.2
8	<input type="checkbox"/>			1553.43	0.0088	P	1.5

$$y = 0.0024 * x + 5.3969E-004$$

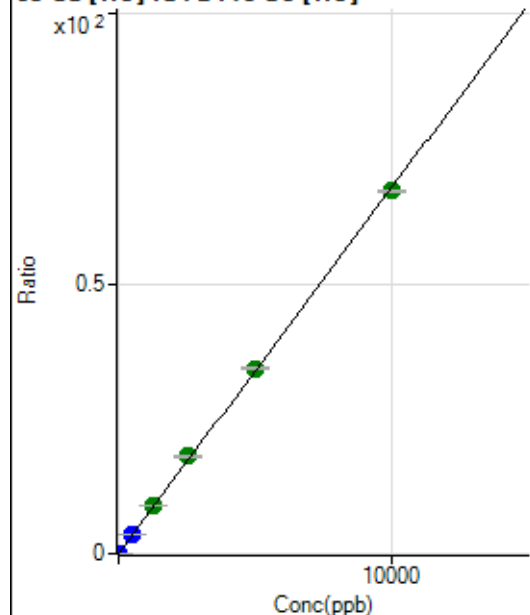
$$R = 0.9999$$

$$DL = 0.1676$$

$$BEC = 0.2255$$

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	558.91	0.0025	P	13.8
2	<input type="checkbox"/>	2.000	1.997	3564.90	0.0160	P	1.8
3	<input type="checkbox"/>	500.000	519.928	758798.08	3.5244	P	0.4
4	<input type="checkbox"/>	1250.000	1329.121	1895879.73	9.0058	A	0.8
5	<input type="checkbox"/>	2500.000	2655.177	3639745.71	17.9883	A	0.7
6	<input type="checkbox"/>	5000.000	5064.436	6829162.40	34.3082	A	0.8
7	<input type="checkbox"/>	10000.000	9918.101	13232842.44	67.1862	A	0.6
8	<input type="checkbox"/>			2769.17	0.0157	P	2.0

$$y = 0.0068 * x + 0.0025$$

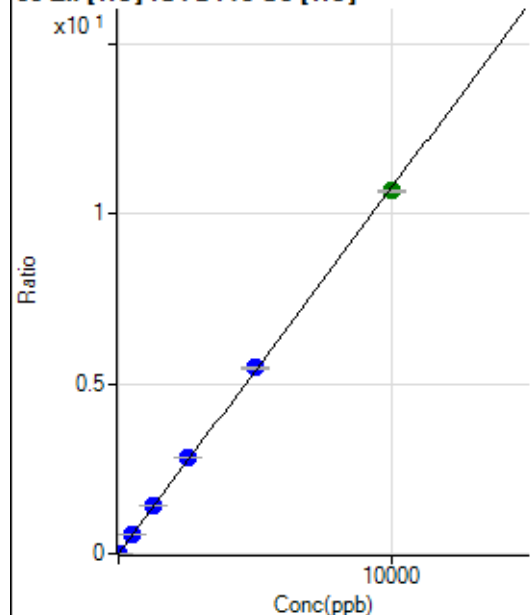
$$R = 0.9998$$

$$DL = 0.1537$$

$$BEC = 0.3705$$

Weight: &lt;None&gt;

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	76.67	0.0003	P	30.8
2	<input type="checkbox"/>	2.000	2.349	637.80	0.0029	P	4.2
3	<input type="checkbox"/>	500.000	528.047	122294.11	0.5680	P	0.6
4	<input type="checkbox"/>	1250.000	1321.995	299266.60	1.4216	P	0.8
5	<input type="checkbox"/>	2500.000	2641.215	574599.35	2.8398	P	0.1
6	<input type="checkbox"/>	5000.000	5076.568	1086393.31	5.4579	P	0.6
7	<input type="checkbox"/>	10000.000	9916.010	2099676.77	10.6606	A	0.8
8	<input type="checkbox"/>			7274.07	0.0413	P	0.4

$$y = 0.0011 * x + 3.4458E-004$$

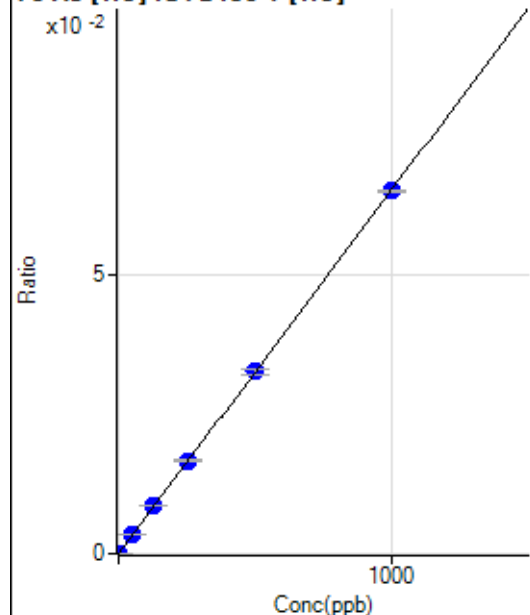
$$R = 0.9998$$

$$DL = 0.2959$$

$$BEC = 0.3205$$

Weight: &lt;None&gt;

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	0.00	0.0000	P	
2	<input type="checkbox"/>	1.000	1.010	164.45	0.0001	P	6.6
3	<input type="checkbox"/>	50.000	51.917	8136.74	0.0034	P	0.8
4	<input type="checkbox"/>	125.000	130.892	20173.79	0.0086	P	1.4
5	<input type="checkbox"/>	250.000	254.821	38160.06	0.0167	P	2.3
6	<input type="checkbox"/>	500.000	500.308	74113.70	0.0327	P	2.5
7	<input type="checkbox"/>	1000.000	997.809	146835.47	0.0652	P	0.7
8	<input type="checkbox"/>			36.67	0.0000	P	36.0

$$y = 6.5352E-005 * x + 0.0000E+000$$

$$R = 1.0000$$

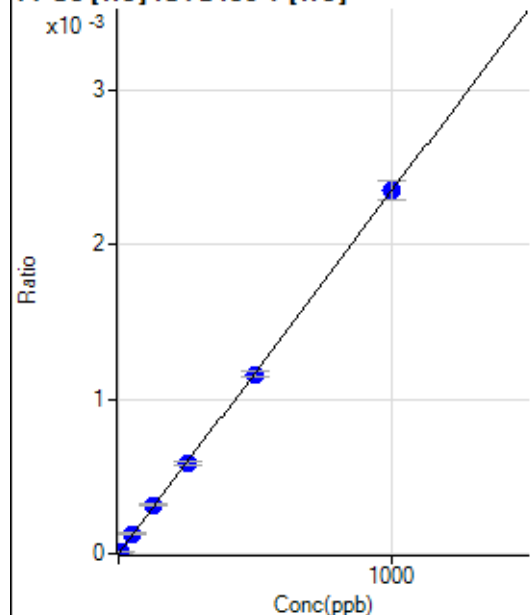
$$DL = 0$$

$$BEC = 0$$

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	1.11	0.0000	P	173.
2	<input type="checkbox"/>	5.000	3.994	24.44	0.0000	P	34.3
3	<input type="checkbox"/>	50.000	53.353	301.12	0.0001	P	11.3
4	<input type="checkbox"/>	125.000	134.419	744.47	0.0003	P	4.3
5	<input type="checkbox"/>	250.000	249.442	1341.19	0.0006	P	3.1
6	<input type="checkbox"/>	500.000	495.757	2635.82	0.0012	P	4.0
7	<input type="checkbox"/>	1000.000	1000.921	5285.44	0.0023	P	5.3
8	<input type="checkbox"/>			3.33	0.0000	P	173.

$$y = 2.3447\text{E-}006 * x + 4.4484\text{E-}007$$

R = 0.9999

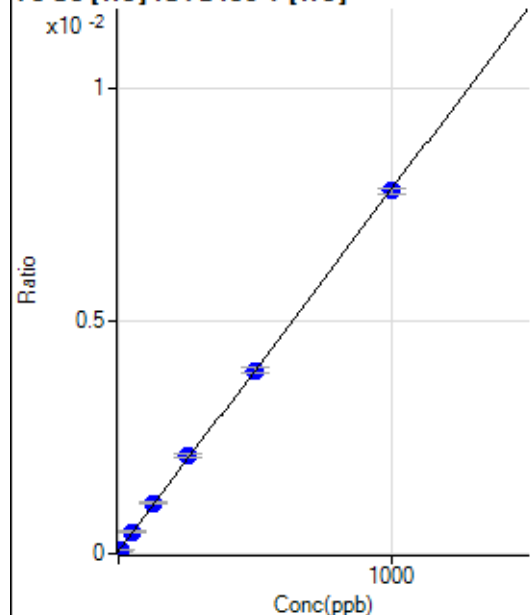
DL = 0.9858

BEC = 0.1897

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	142.23	0.0001	P	6.8
2	<input type="checkbox"/>	5.000	4.793	234.45	0.0001	P	4.1
3	<input type="checkbox"/>	50.000	52.633	1115.61	0.0005	P	4.8
4	<input type="checkbox"/>	125.000	133.168	2570.25	0.0011	P	5.2
5	<input type="checkbox"/>	250.000	262.541	4797.49	0.0021	P	3.5
6	<input type="checkbox"/>	500.000	500.201	8924.98	0.0039	P	2.4
7	<input type="checkbox"/>	1000.000	995.613	17519.39	0.0078	P	1.7
8	<input type="checkbox"/>			115.55	0.0001	P	11.2

$$y = 7.7575\text{E-}006 * x + 5.6960\text{E-}005$$

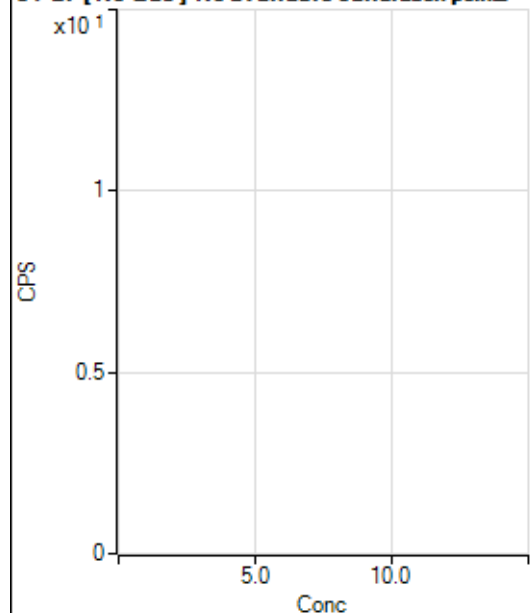
R = 0.9999

DL = 1.505

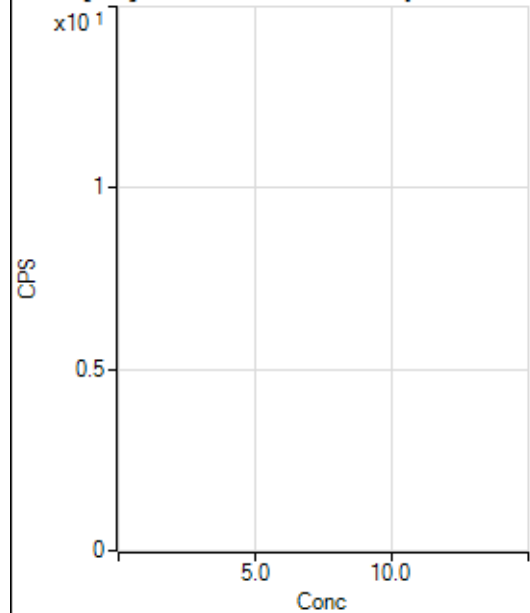
BEC = 7.343

Weight: &lt;None&gt;

Min Conc: 0

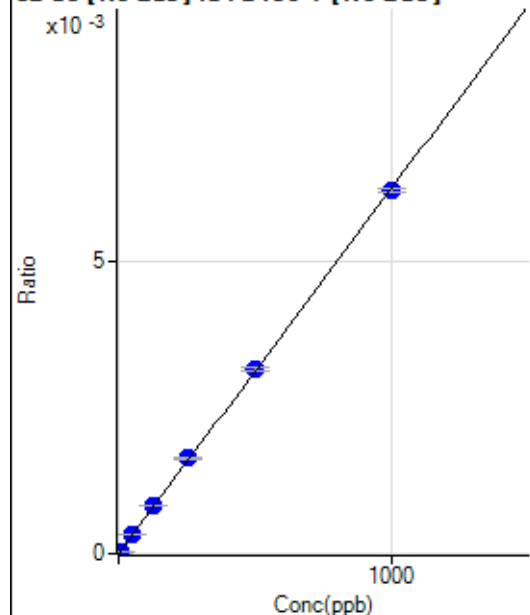
**81 Br [ No Gas ] No available calibration points**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			36375.94		P	1.2
2	<input type="checkbox"/>			36159.94		P	1.3
3	<input type="checkbox"/>			35720.08		P	1.7
4	<input type="checkbox"/>			34138.51		P	1.4
5	<input type="checkbox"/>			32493.59		P	2.6
6	<input type="checkbox"/>			31779.87		P	1.3
7	<input type="checkbox"/>			31181.89		P	1.8
8	<input type="checkbox"/>			29608.63		P	1.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			80.00		P	40.2
2	<input type="checkbox"/>			36.67		P	24.0
3	<input type="checkbox"/>			45.56		P	18.4
4	<input type="checkbox"/>			42.22		P	12.1
5	<input type="checkbox"/>			41.11		P	26.1
6	<input type="checkbox"/>			37.78		P	36.7
7	<input type="checkbox"/>			54.44		P	18.7
8	<input type="checkbox"/>			45.55		P	23.5



**82 Se [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	11.44	0.0000	P	50.4
2	<input type="checkbox"/>	5.000	5.410	355.64	0.0000	P	3.7
3	<input type="checkbox"/>	50.000	52.917	3370.28	0.0003	P	1.2
4	<input type="checkbox"/>	125.000	131.082	8276.00	0.0008	P	2.4
5	<input type="checkbox"/>	250.000	262.054	16051.15	0.0016	P	1.8
6	<input type="checkbox"/>	500.000	505.884	30843.85	0.0032	P	2.4
7	<input type="checkbox"/>	1000.000	993.136	60024.08	0.0062	P	1.0
8	<input type="checkbox"/>			181.61	0.0000	P	5.4

$$y = 6.2389\text{E-}006 * x + 1.0889\text{E-}006$$

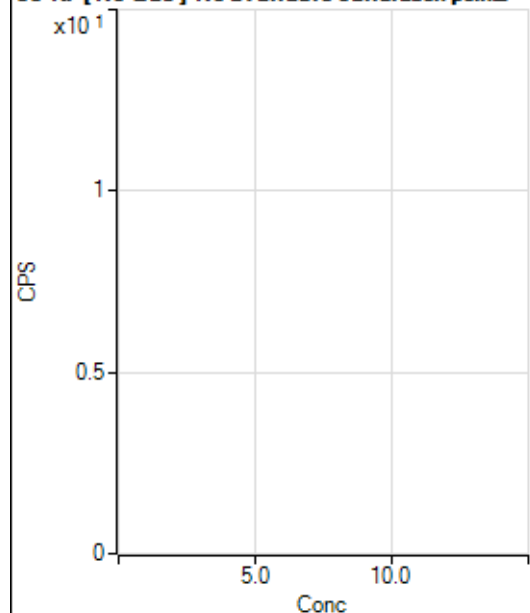
$$R = 0.9999$$

$$DL = 0.264$$

$$BEC = 0.1745$$

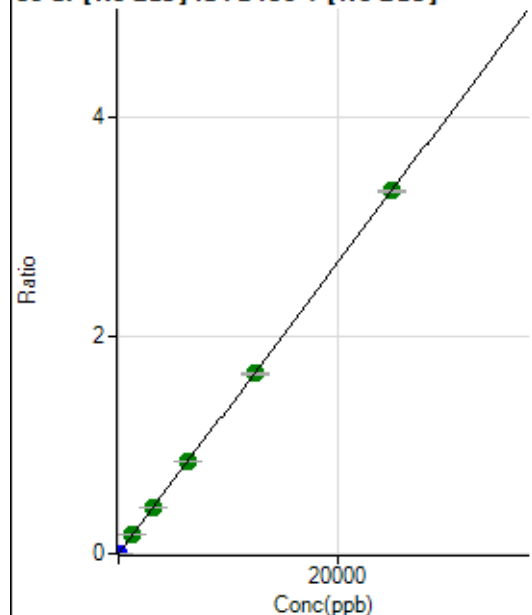
Weight: &lt;None&gt;

Min Conc: 0

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

	R <sub>j</sub> ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>			73.33		P	16.4
2	<input type="checkbox"/>			60.00		P	38.9
3	<input type="checkbox"/>			62.22		P	27.5
4	<input type="checkbox"/>			70.00		P	26.5
5	<input type="checkbox"/>			66.66		P	8.7
6	<input type="checkbox"/>			97.78		P	7.9
7	<input type="checkbox"/>			78.89		P	8.8
8	<input type="checkbox"/>			78.89		P	6.5

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	114.45	0.0000	P	34.2
2	<input type="checkbox"/>	1.000	0.970	1428.97	0.0001	P	2.3
3	<input type="checkbox"/>	1250.000	1268.241	1716247.20	0.1687	A	1.4
4	<input type="checkbox"/>	3125.000	3193.404	4293947.02	0.4248	A	0.5
5	<input type="checkbox"/>	6250.000	6358.845	8299470.29	0.8459	A	1.2
6	<input type="checkbox"/>	12500.000	12422.340	16144416.57	1.6525	A	1.4
7	<input type="checkbox"/>	25000.000	25002.156	32214401.74	3.3259	A	0.6
8	<input type="checkbox"/>			10338.19	0.0012	P	7.8

$$y = 1.3302\text{E-}004 * x + 1.0882\text{E-}005$$

$$R = 1.0000$$

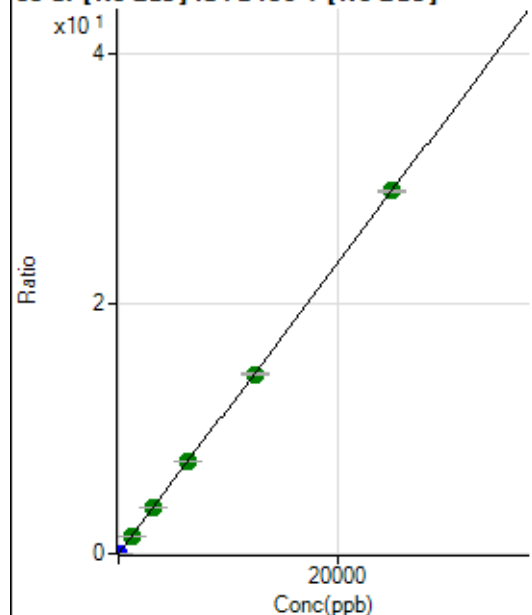
$$DL = 0.08392$$

$$BEC = 0.08181$$

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	214.45	0.0000	P	12.3
2	<input type="checkbox"/>	1.000	0.973	11735.86	0.0011	P	1.7
3	<input type="checkbox"/>	1250.000	1251.029	14766389.37	1.4516	A	1.2
4	<input type="checkbox"/>	3125.000	3186.279	37366983.33	3.6971	A	1.2
5	<input type="checkbox"/>	6250.000	6379.661	72628826.70	7.4024	A	1.3
6	<input type="checkbox"/>	12500.000	12355.151	140066146.8	14.3358	A	0.8
7	<input type="checkbox"/>	25000.000	25032.298	281332166.9	29.0451	A	0.4
8	<input type="checkbox"/>			88560.80	0.0103	P	8.3

$$y = 0.0012 * x + 2.0409\text{E-}005$$

$$R = 1.0000$$

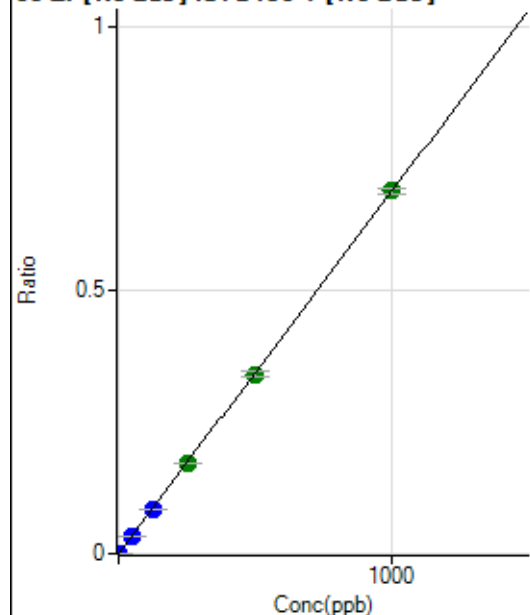
$$DL = 0.00647$$

$$BEC = 0.01759$$

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	306.67	0.0000	P	18.9
2	<input type="checkbox"/>	1.000	0.904	6638.23	0.0007	P	5.7
3	<input type="checkbox"/>	50.000	49.639	347117.59	0.0341	P	1.9
4	<input type="checkbox"/>	125.000	123.006	854280.12	0.0845	P	1.5
5	<input type="checkbox"/>	250.000	248.957	1678124.42	0.1710	A	1.6
6	<input type="checkbox"/>	500.000	496.621	3332932.52	0.3412	A	2.2
7	<input type="checkbox"/>	1000.000	1002.217	6668173.86	0.6885	A	1.3
8	<input type="checkbox"/>			1915.70	0.0002	P	10.5

$$y = 6.8691\text{E-}004 * x + 2.9200\text{E-}005$$

$$R = 1.0000$$

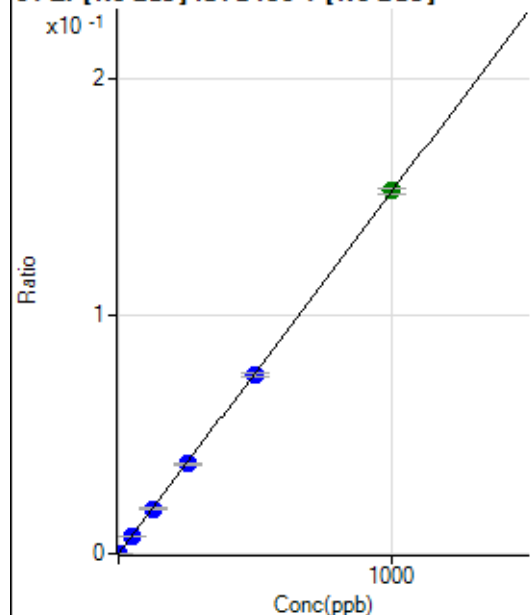
$$DL = 0.02409$$

$$BEC = 0.04251$$

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	45.56	0.0000	P	30.1
2	<input type="checkbox"/>	1.000	0.935	1495.65	0.0001	P	1.0
3	<input type="checkbox"/>	50.000	49.683	76859.67	0.0076	P	2.3
4	<input type="checkbox"/>	125.000	124.222	190898.32	0.0189	P	1.4
5	<input type="checkbox"/>	250.000	248.059	370000.36	0.0377	P	1.7
6	<input type="checkbox"/>	500.000	494.582	734543.23	0.0752	P	1.8
7	<input type="checkbox"/>	1000.000	1003.307	1477252.62	0.1525	A	1.2
8	<input type="checkbox"/>			428.90	0.0000	P	19.3

$$y = 1.5201\text{E-}004 * x + 4.3350\text{E-}006$$

$$R = 1.0000$$

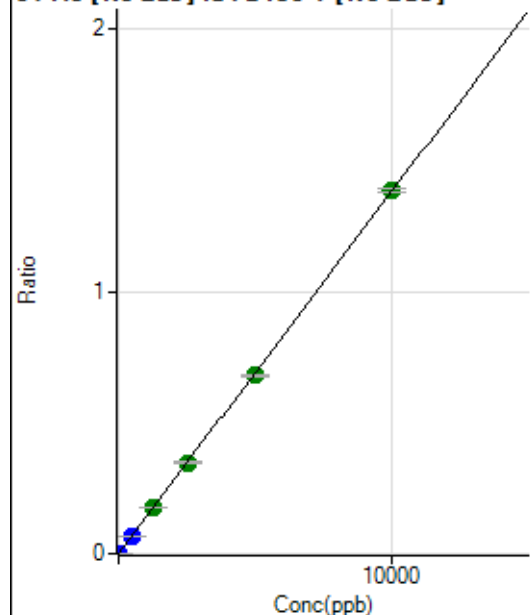
$$DL = 0.02575$$

$$BEC = 0.02852$$

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	92.23	0.0000	P	15.1
2	<input type="checkbox"/>	5.000	5.521	7868.85	0.0008	P	1.2
3	<input type="checkbox"/>	500.000	498.211	699424.03	0.0688	P	1.5
4	<input type="checkbox"/>	1250.000	1267.885	1768442.53	0.1750	A	1.5
5	<input type="checkbox"/>	2500.000	2516.231	3406666.41	0.3472	A	2.6
6	<input type="checkbox"/>	5000.000	4937.014	6656742.19	0.6813	A	0.9
7	<input type="checkbox"/>	10000.000	10025.289	13399865.22	1.3835	A	1.0
8	<input type="checkbox"/>			3807.20	0.0004	P	11.6

$$y = 1.3800\text{E-}004 * x + 8.7825\text{E-}006$$

$$R = 1.0000$$

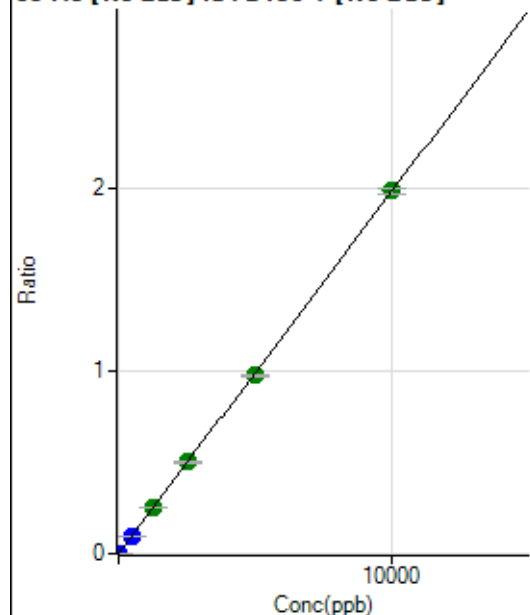
$$DL = 0.02881$$

$$BEC = 0.06364$$

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	55.55	0.0000	P	6.2
2	<input type="checkbox"/>	5.000	4.709	9592.12	0.0009	P	1.6
3	<input type="checkbox"/>	500.000	499.277	1007564.62	0.0991	P	1.8
4	<input type="checkbox"/>	1250.000	1282.757	2572306.67	0.2545	A	0.6
5	<input type="checkbox"/>	2500.000	2533.646	4931800.03	0.5027	A	1.7
6	<input type="checkbox"/>	5000.000	4919.282	9535100.90	0.9759	A	1.2
7	<input type="checkbox"/>	10000.000	10027.889	19268466.10	1.9894	A	1.7
8	<input type="checkbox"/>			4552.98	0.0005	P	12.4

$$y = 1.9839\text{E-}004 * x + 5.2885\text{E-}006$$

$$R = 0.9999$$

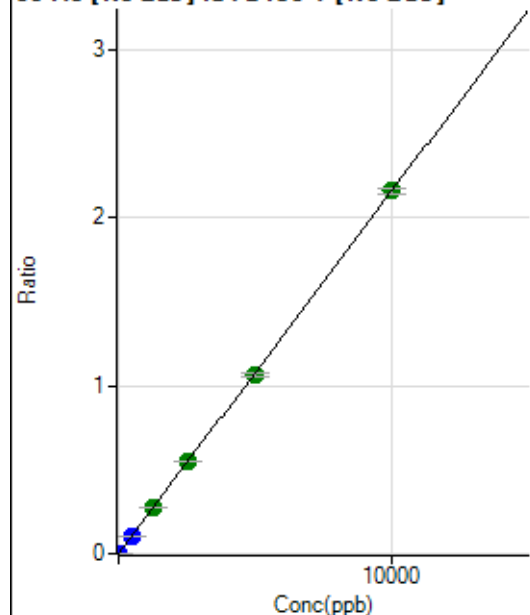
$$DL = 0.004932$$

$$BEC = 0.02666$$

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	82.22	0.0000	P	30.4
2	<input type="checkbox"/>	5.000	4.908	10894.12	0.0011	P	0.2
3	<input type="checkbox"/>	500.000	499.364	1096228.00	0.1078	P	1.5
4	<input type="checkbox"/>	1250.000	1275.206	2781489.30	0.2752	A	1.4
5	<input type="checkbox"/>	2500.000	2539.926	5378157.59	0.5481	A	0.8
6	<input type="checkbox"/>	5000.000	4947.954	10431729.57	1.0678	A	1.7
7	<input type="checkbox"/>	10000.000	10012.923	20927964.13	2.1608	A	1.7
8	<input type="checkbox"/>			14301.56	0.0017	P	6.5

$$y = 2.1580\text{E-}004 * x + 7.8267\text{E-}006$$

$$R = 1.0000$$

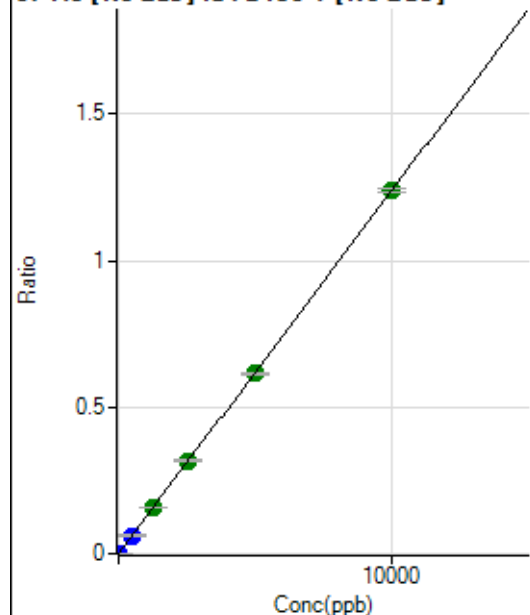
$$DL = 0.03304$$

$$BEC = 0.03627$$

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	18.89	0.0000	P	10.9
2	<input type="checkbox"/>	5.000	4.816	6102.44	0.0006	P	2.9
3	<input type="checkbox"/>	500.000	503.149	633356.52	0.0623	P	1.6
4	<input type="checkbox"/>	1250.000	1273.695	1592913.08	0.1576	A	3.1
5	<input type="checkbox"/>	2500.000	2568.731	3118881.73	0.3179	A	1.6
6	<input type="checkbox"/>	5000.000	4956.987	5992923.87	0.6134	A	1.6
7	<input type="checkbox"/>	10000.000	10001.205	11987280.79	1.2376	A	1.0
8	<input type="checkbox"/>			3149.27	0.0004	P	15.4

$$y = 1.2375\text{E-}004 * x + 1.7998\text{E-}006$$

$$R = 1.0000$$

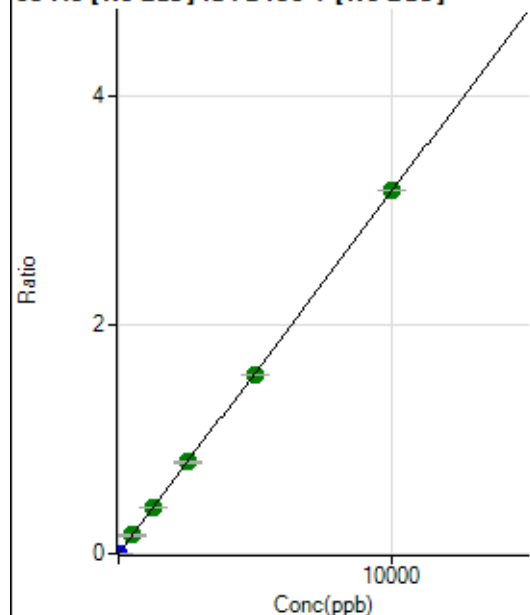
$$DL = 0.004743$$

$$BEC = 0.01454$$

Weight: &lt;None&gt;

Min Conc: 0

98 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	25.56	0.0000	P	46.1
2	<input type="checkbox"/>	5.000	4.714	15279.21	0.0015	P	1.5
3	<input type="checkbox"/>	500.000	505.008	1627897.55	0.1600	A	1.8
4	<input type="checkbox"/>	1250.000	1272.414	4075719.55	0.4032	A	2.1
5	<input type="checkbox"/>	2500.000	2528.540	7862200.72	0.8013	A	1.5
6	<input type="checkbox"/>	5000.000	4941.833	15301631.44	1.5661	A	0.7
7	<input type="checkbox"/>	10000.000	10018.896	30754054.54	3.1750	A	0.2
8	<input type="checkbox"/>			7182.97	0.0008	P	14.1

$$y = 3.1691\text{E-}004 * x + 2.4347\text{E-}006$$

$$R = 1.0000$$

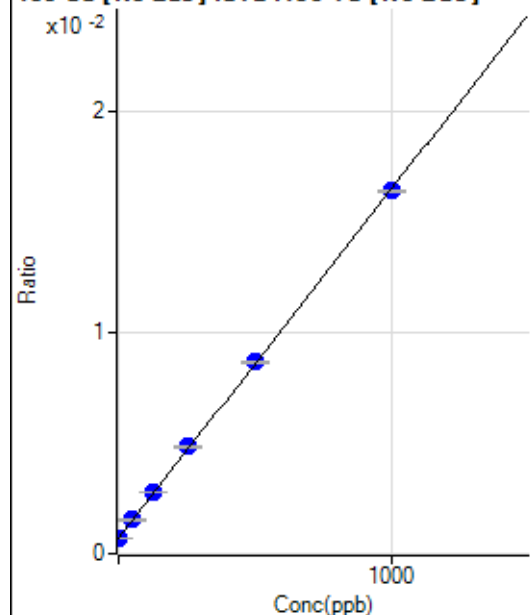
$$DL = 0.01063$$

$$BEC = 0.007683$$

Weight: &lt;None&gt;

Min Conc: 0

106 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	4914.21	0.0007	P	3.6
2	<input type="checkbox"/>	1.000	0.975	4944.22	0.0007	P	2.9
3	<input type="checkbox"/>	50.000	52.589	10576.16	0.0015	P	2.2
4	<input type="checkbox"/>	125.000	130.662	19081.50	0.0028	P	0.7
5	<input type="checkbox"/>	250.000	261.439	32791.48	0.0048	P	1.7
6	<input type="checkbox"/>	500.000	503.779	57747.44	0.0087	P	1.1
7	<input type="checkbox"/>	1000.000	994.414	108608.62	0.0164	P	0.8
8	<input type="checkbox"/>			4155.08	0.0007	P	0.5

$$y = 1.5806\text{E-}005 * x + 7.0456\text{E-}004$$

$$R = 0.9999$$

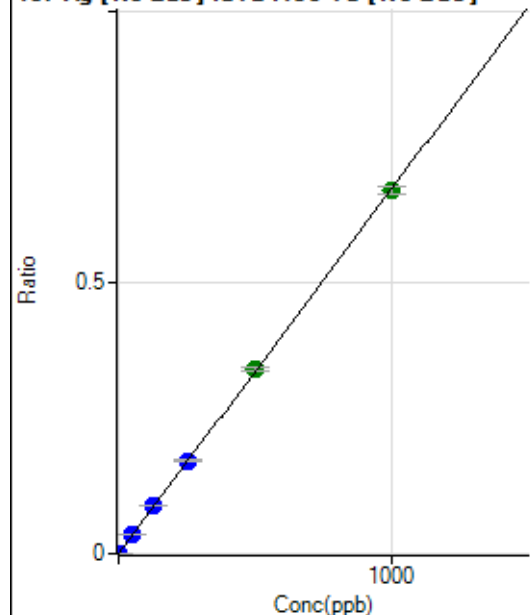
$$DL = 4.836$$

$$BEC = 44.58$$

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	64.44	0.0000	P	33.9
2	<input type="checkbox"/>	1.000	1.029	4819.74	0.0007	P	2.7
3	<input type="checkbox"/>	50.000	52.963	245638.02	0.0357	P	1.1
4	<input type="checkbox"/>	125.000	131.441	609714.02	0.0885	P	1.9
5	<input type="checkbox"/>	250.000	254.475	1161882.40	0.1714	P	1.4
6	<input type="checkbox"/>	500.000	505.542	2268279.97	0.3405	A	1.6
7	<input type="checkbox"/>	1000.000	995.157	4431967.88	0.6702	A	2.0
8	<input type="checkbox"/>			2016.83	0.0003	P	3.6

$$y = 6.7342\text{E-}004 * x + 9.2454\text{E-}006$$

$$R = 1.0000$$

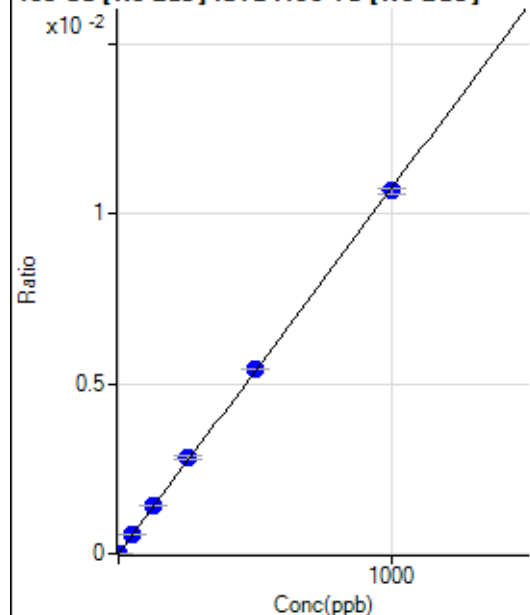
$$DL = 0.01394$$

$$BEC = 0.01373$$

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	8.89	0.0000	P	57.4
2	<input type="checkbox"/>	1.000	0.977	81.11	0.0000	P	33.8
3	<input type="checkbox"/>	50.000	54.287	4030.59	0.0006	P	1.5
4	<input type="checkbox"/>	125.000	133.328	9891.23	0.0014	P	0.5
5	<input type="checkbox"/>	250.000	263.506	19228.43	0.0028	P	4.0
6	<input type="checkbox"/>	500.000	504.725	36192.86	0.0054	P	0.6
7	<input type="checkbox"/>	1000.000	993.006	70669.72	0.0107	P	1.9
8	<input type="checkbox"/>			43.33	0.0000	P	2.5

$$y = 1.0760\text{E-}005 * x + 1.2757\text{E-}006$$

$$R = 0.9999$$

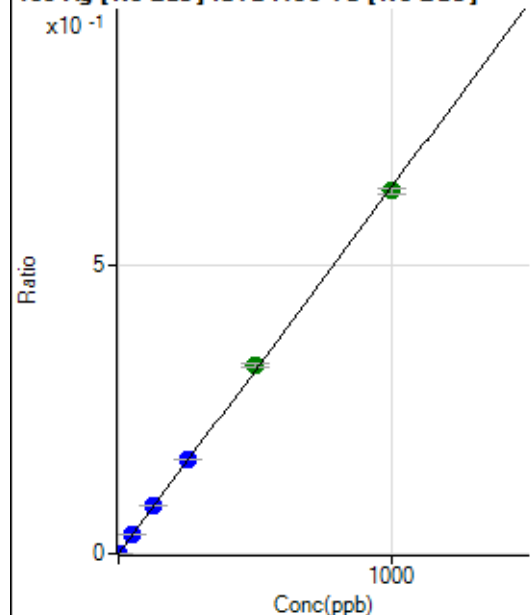
$$DL = 0.2043$$

$$BEC = 0.1186$$

Weight: &lt;None&gt;

Min Conc: 0

109 Ag [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	6.67	0.0000	P	50.1
2	<input type="checkbox"/>	1.000	1.000	4374.04	0.0006	P	2.2
3	<input type="checkbox"/>	50.000	53.418	233740.28	0.0339	P	1.6
4	<input type="checkbox"/>	125.000	132.412	579599.45	0.0842	P	1.8
5	<input type="checkbox"/>	250.000	256.290	1104302.11	0.1629	P	0.7
6	<input type="checkbox"/>	500.000	514.756	2179453.70	0.3271	A	1.6
7	<input type="checkbox"/>	1000.000	989.952	4160722.65	0.6291	A	1.4
8	<input type="checkbox"/>			1891.26	0.0003	P	4.8

$$y = 6.3552\text{E-}004 * x + 9.5570\text{E-}007$$

$$R = 0.9998$$

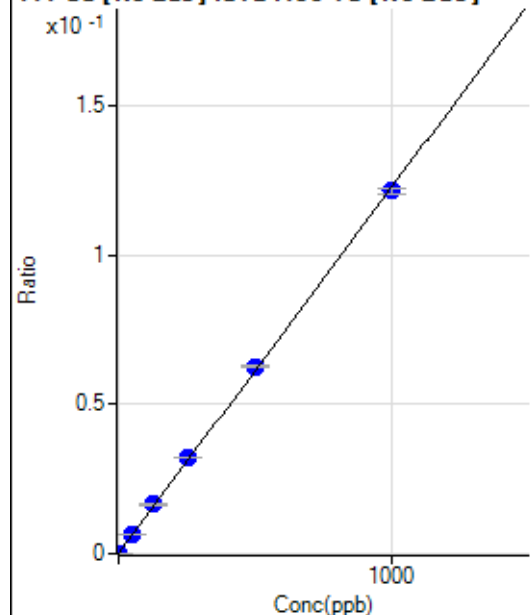
$$DL = 0.002259$$

$$BEC = 0.001504$$

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	491.87	0.0001	P	4.1
2	<input type="checkbox"/>	1.000	1.144	1447.70	0.0002	P	3.1
3	<input type="checkbox"/>	50.000	53.972	46038.15	0.0067	P	1.0
4	<input type="checkbox"/>	125.000	133.475	113174.75	0.0164	P	1.7
5	<input type="checkbox"/>	250.000	261.537	217833.50	0.0321	P	1.0
6	<input type="checkbox"/>	500.000	510.104	417053.65	0.0626	P	1.4
7	<input type="checkbox"/>	1000.000	990.806	803679.04	0.1215	P	1.5
8	<input type="checkbox"/>			710.74	0.0001	P	7.0

$$y = 1.2258\text{E-}004 * x + 7.0520\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.07059$$

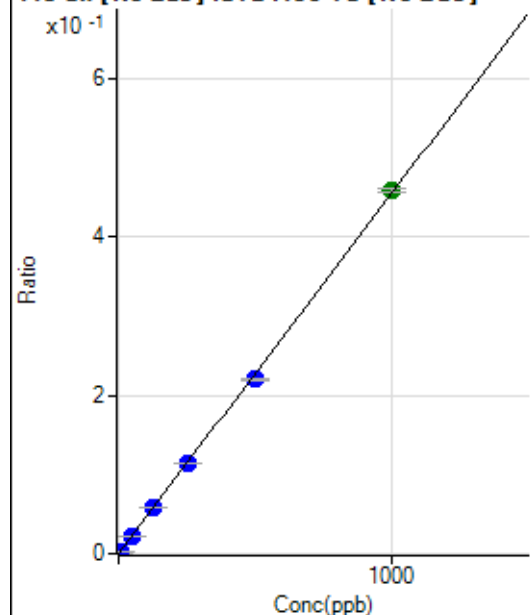
$$BEC = 0.5753$$

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	438.90	0.0001	P	7.0
2	<input type="checkbox"/>	5.000	4.915	15782.07	0.0023	P	1.0
3	<input type="checkbox"/>	50.000	50.191	157575.27	0.0229	P	1.0
4	<input type="checkbox"/>	125.000	126.967	398079.18	0.0578	P	1.6
5	<input type="checkbox"/>	250.000	249.906	770832.50	0.1137	P	1.3
6	<input type="checkbox"/>	500.000	484.880	1469312.98	0.2205	P	1.4
7	<input type="checkbox"/>	1000.000	1007.329	3029699.16	0.4581	A	1.0
8	<input type="checkbox"/>			2157.96	0.0004	P	2.2

$$y = 4.5471\text{E-}004 * x + 6.2934\text{E-}005$$

$$R = 0.9998$$

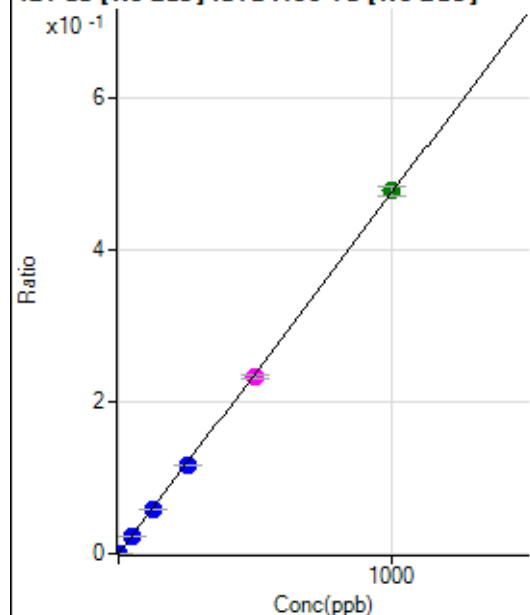
$$DL = 0.02893$$

$$BEC = 0.1384$$

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	16.67	0.0000	P	19.7
2	<input type="checkbox"/>	2.000	1.959	6401.48	0.0009	P	1.9
3	<input type="checkbox"/>	50.000	49.199	160783.26	0.0234	P	1.6
4	<input type="checkbox"/>	125.000	123.915	405091.97	0.0588	P	1.4
5	<input type="checkbox"/>	250.000	244.245	785916.73	0.1159	P	1.1
6	<input type="checkbox"/>	500.000	491.180	1552929.20	0.2331	M	3.0
7	<input type="checkbox"/>	1000.000	1006.024	3157512.84	0.4775	A	2.3
8	<input type="checkbox"/>			1846.80	0.0003	P	3.3

$$y = 4.7460\text{E-}004 * x + 2.3889\text{E-}006$$

$$R = 0.9999$$

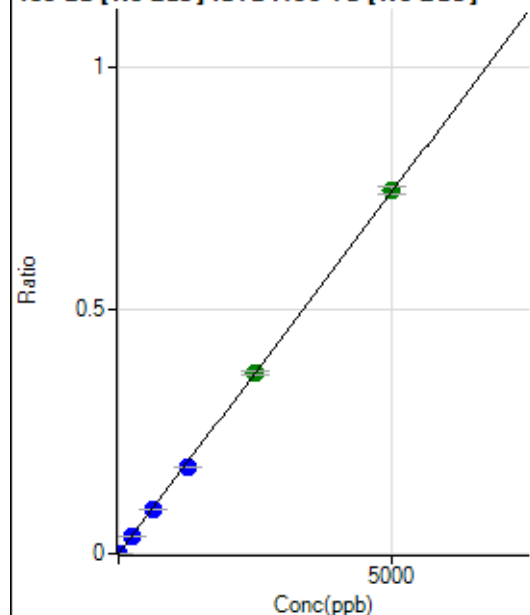
$$DL = 0.002979$$

$$BEC = 0.005034$$

Weight: &lt;None&gt;

Min Conc: 0

135 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	10.00	0.0000	P	58.0
2	<input type="checkbox"/>	10.000	9.360	9557.73	0.0014	P	2.0
3	<input type="checkbox"/>	250.000	240.209	245667.80	0.0357	P	0.9
4	<input type="checkbox"/>	625.000	606.098	620077.51	0.0900	P	1.3
5	<input type="checkbox"/>	1250.000	1196.324	1204688.26	0.1777	P	1.1
6	<input type="checkbox"/>	2500.000	2496.374	2470216.66	0.3708	A	1.5
7	<input type="checkbox"/>	5000.000	5018.085	4928982.22	0.7453	A	2.0
8	<input type="checkbox"/>			3054.81	0.0005	P	3.0

$$y = 1.4853\text{E-}004 * x + 1.4356\text{E-}006$$

$$R = 0.9999$$

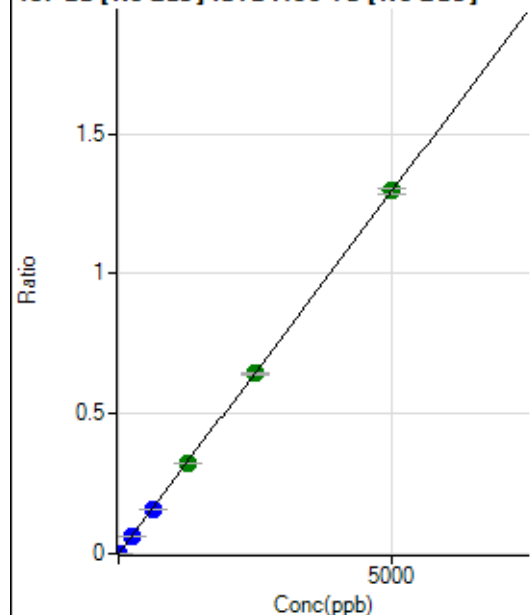
$$DL = 0.01681$$

$$BEC = 0.009665$$

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	23.33	0.0000	P	37.6
2	<input type="checkbox"/>	10.000	9.257	16468.51	0.0024	P	0.5
3	<input type="checkbox"/>	250.000	241.928	430870.48	0.0626	P	1.2
4	<input type="checkbox"/>	625.000	608.729	1084471.54	0.1574	P	1.5
5	<input type="checkbox"/>	1250.000	1248.483	2189267.97	0.3229	A	1.6
6	<input type="checkbox"/>	2500.000	2485.739	4283462.40	0.6429	A	1.6
7	<input type="checkbox"/>	5000.000	5009.949	8569694.60	1.2958	A	1.8
8	<input type="checkbox"/>			5376.63	0.0009	P	5.4

$$y = 2.5865\text{E-}004 * x + 3.3434\text{E-}006$$

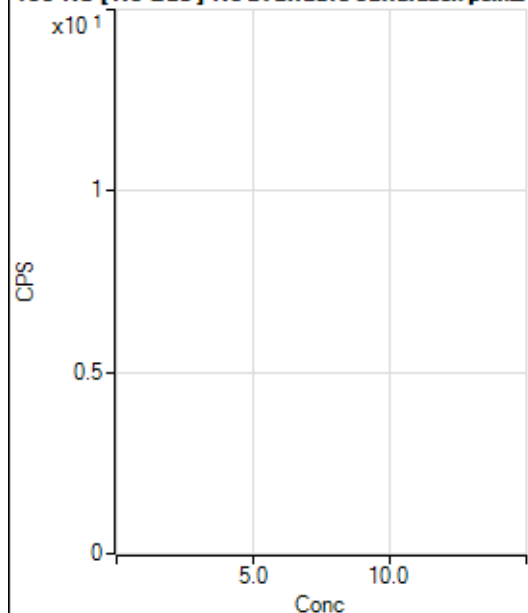
$$R = 1.0000$$

$$DL = 0.01458$$

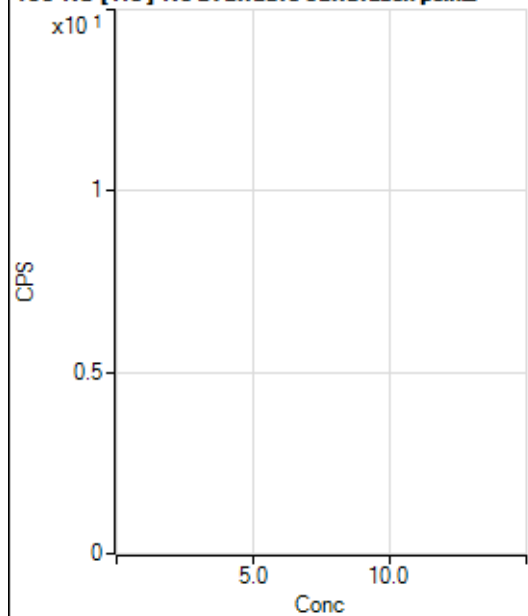
$$BEC = 0.01293$$

Weight: &lt;None&gt;

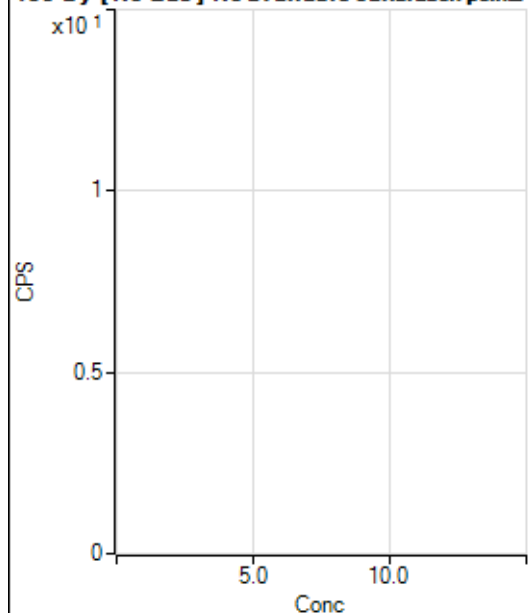
Min Conc: 0

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

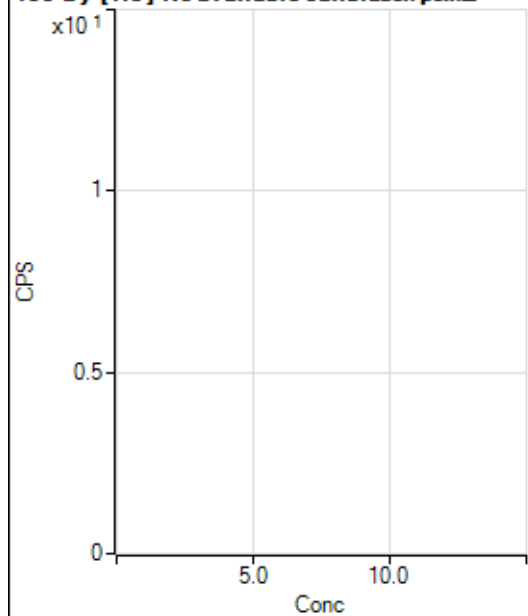
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			8.89		P	94.4
2	<input type="checkbox"/>			21.11		P	63.8
3	<input type="checkbox"/>			61.11		P	13.7
4	<input type="checkbox"/>			142.22		P	18.9
5	<input type="checkbox"/>			276.68		P	7.5
6	<input type="checkbox"/>			556.69		P	6.9
7	<input type="checkbox"/>			1060.05		P	2.9
8	<input type="checkbox"/>			26.67		P	25.0

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

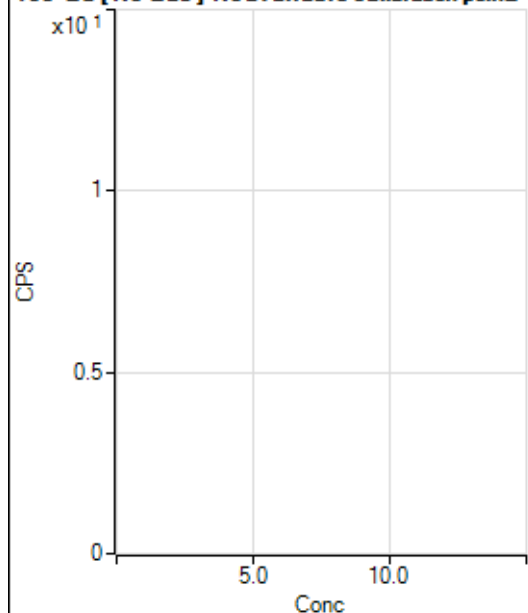
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			0.00		P	
2	<input type="checkbox"/>			1.11		P	173.
3	<input type="checkbox"/>			16.67		P	34.6
4	<input type="checkbox"/>			26.67		P	66.2
5	<input type="checkbox"/>			43.33		P	20.3
6	<input type="checkbox"/>			106.67		P	34.8
7	<input type="checkbox"/>			246.67		P	5.4
8	<input type="checkbox"/>			22.22		P	60.6

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

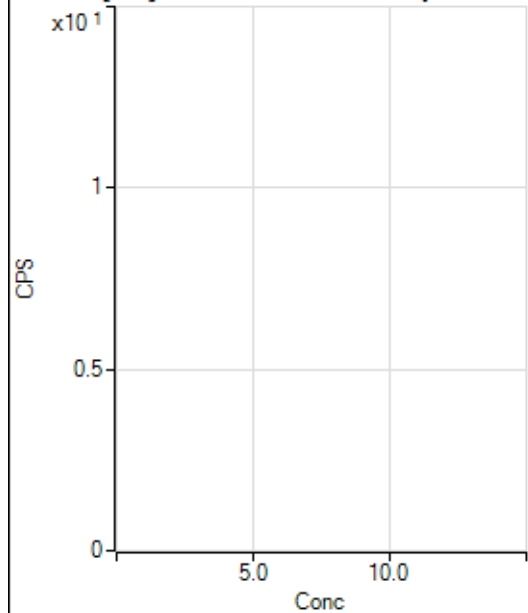
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			5.56		P	91.6
2	<input type="checkbox"/>			3.33		P	100.
3	<input type="checkbox"/>			17.78		P	60.3
4	<input type="checkbox"/>			53.33		P	31.2
5	<input type="checkbox"/>			108.89		P	26.0
6	<input type="checkbox"/>			186.67		P	17.2
7	<input type="checkbox"/>			396.68		P	4.4
8	<input type="checkbox"/>			824.48		P	6.7

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

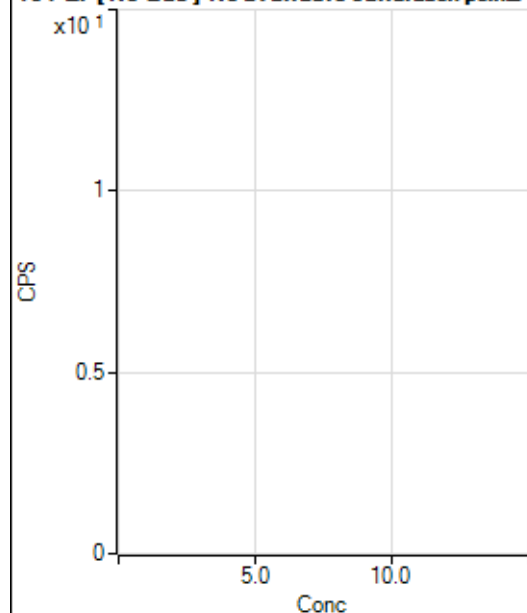
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			2.22		P	86.6
2	<input type="checkbox"/>			8.89		P	78.1
3	<input type="checkbox"/>			17.78		P	60.3
4	<input type="checkbox"/>			34.44		P	5.6
5	<input type="checkbox"/>			88.89		P	15.2
6	<input type="checkbox"/>			155.56		P	21.6
7	<input type="checkbox"/>			344.45		P	6.4
8	<input type="checkbox"/>			574.46		P	4.2

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

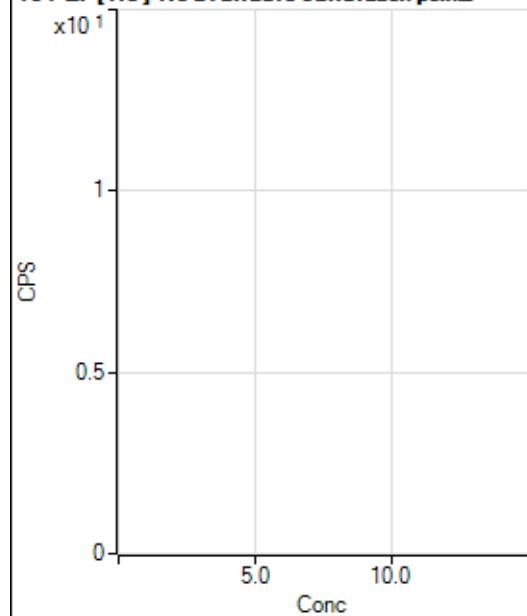
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			25.55		P	27.1
2	<input type="checkbox"/>			26.67		P	45.1
3	<input type="checkbox"/>			36.67		P	32.8
4	<input type="checkbox"/>			72.22		P	30.7
5	<input type="checkbox"/>			80.00		P	12.5
6	<input type="checkbox"/>			158.89		P	20.2
7	<input type="checkbox"/>			255.56		P	15.7
8	<input type="checkbox"/>			967.82		P	4.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			190.01		P	11.0
2	<input type="checkbox"/>			192.22		P	2.0
3	<input type="checkbox"/>			211.11		P	6.6
4	<input type="checkbox"/>			211.11		P	16.0
5	<input type="checkbox"/>			224.45		P	7.5
6	<input type="checkbox"/>			227.78		P	6.1
7	<input type="checkbox"/>			343.34		P	15.3
8	<input type="checkbox"/>			771.14		P	11.8

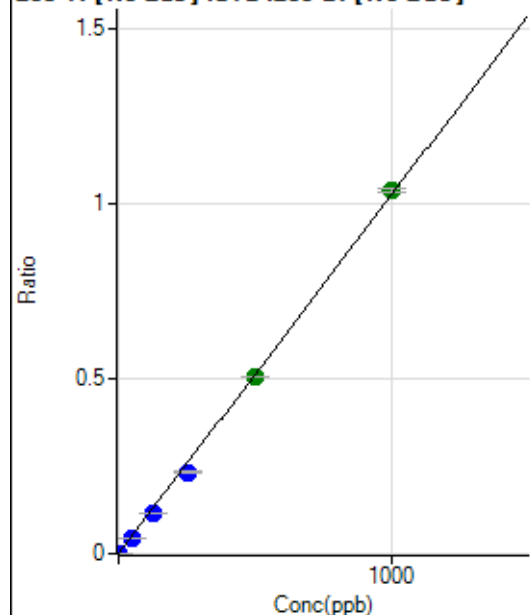
**164 Er [ No Gas ] No available calibration points**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			53.33		P	22.5
2	<input type="checkbox"/>			46.67		P	14.3
3	<input type="checkbox"/>			54.45		P	28.9
4	<input type="checkbox"/>			47.78		P	29.0
5	<input type="checkbox"/>			52.22		P	26.6
6	<input type="checkbox"/>			74.44		P	12.9
7	<input type="checkbox"/>			112.22		P	9.1
8	<input type="checkbox"/>			85.55		P	28.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			34.44		P	27.9
2	<input type="checkbox"/>			33.33		P	36.1
3	<input type="checkbox"/>			30.00		P	61.9
4	<input type="checkbox"/>			34.45		P	59.1
5	<input type="checkbox"/>			37.78		P	13.5
6	<input type="checkbox"/>			43.33		P	7.7
7	<input type="checkbox"/>			72.22		P	25.4
8	<input type="checkbox"/>			66.67		P	10.0

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	75.56	0.0000	P	59.0
2	<input type="checkbox"/>	1.000	0.847	3967.28	0.0009	P	1.3
3	<input type="checkbox"/>	50.000	44.271	205270.62	0.0454	P	0.9
4	<input type="checkbox"/>	125.000	112.569	518951.30	0.1153	P	0.8
5	<input type="checkbox"/>	250.000	226.887	1017036.17	0.2324	P	1.3
6	<input type="checkbox"/>	500.000	493.015	2187706.61	0.5051	A	0.8
7	<input type="checkbox"/>	1000.000	1011.111	4320619.73	1.0358	A	0.9
8	<input type="checkbox"/>			738.92	0.0002	P	8.8

$$y = 0.0010 * x + 1.6494E-005$$

$$R = 0.9997$$

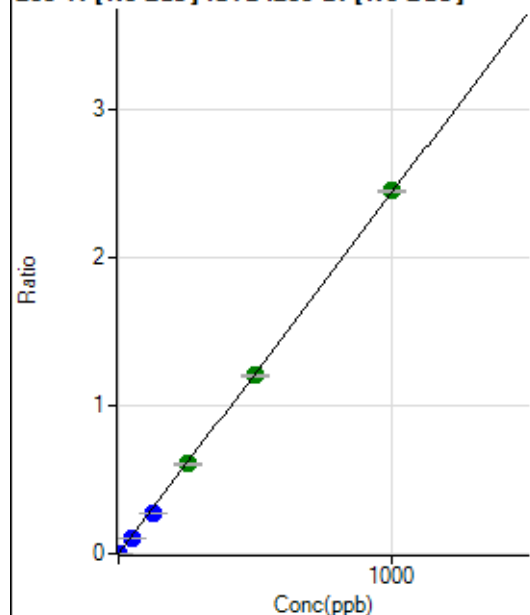
$$DL = 0.02851$$

$$BEC = 0.0161$$

Weight: &lt;None&gt;

Min Conc: 0

205 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	197.78	0.0000	P	8.9
2	<input type="checkbox"/>	1.000	0.879	9816.95	0.0022	P	2.6
3	<input type="checkbox"/>	50.000	44.410	490294.76	0.1084	P	0.7
4	<input type="checkbox"/>	125.000	112.569	1235628.00	0.2746	P	0.5
5	<input type="checkbox"/>	250.000	248.509	2652218.19	0.6062	A	1.6
6	<input type="checkbox"/>	500.000	493.077	5209559.68	1.2027	A	0.3
7	<input type="checkbox"/>	1000.000	1005.668	10231886.30	2.4530	A	0.4
8	<input type="checkbox"/>			1777.91	0.0005	P	13.6

$$y = 0.0024 * x + 4.3210E-005$$

$$R = 0.9999$$

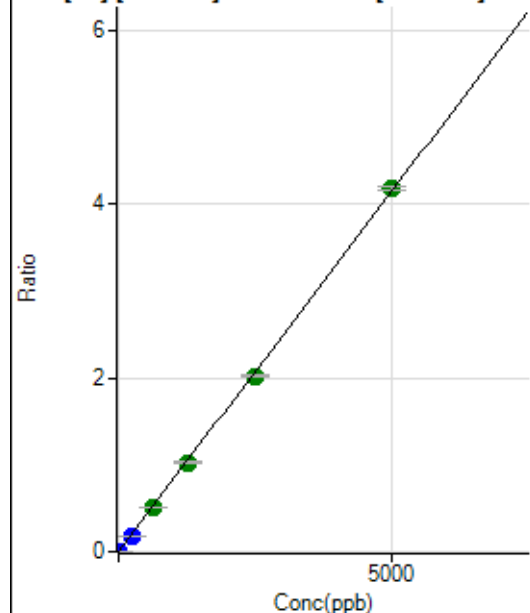
$$DL = 0.004729$$

$$BEC = 0.01772$$

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	211.11	0.0000	P	14.4
2	<input type="checkbox"/>	1.000	0.870	3441.58	0.0008	P	2.0
3	<input type="checkbox"/>	250.000	221.655	830433.64	0.1835	P	0.9
4	<input type="checkbox"/>	625.000	608.650	2267259.97	0.5039	A	1.9
5	<input type="checkbox"/>	1250.000	1231.800	4461723.20	1.0198	A	2.3
6	<input type="checkbox"/>	2500.000	2440.035	8749350.56	2.0200	A	1.3
7	<input type="checkbox"/>	5000.000	5037.994	17396783.49	4.1708	A	1.1
8	<input type="checkbox"/>			4218.48	0.0012	P	7.8

$$y = 8.2786\text{E-}004 * x + 4.6131\text{E-}005$$

$$R = 0.9999$$

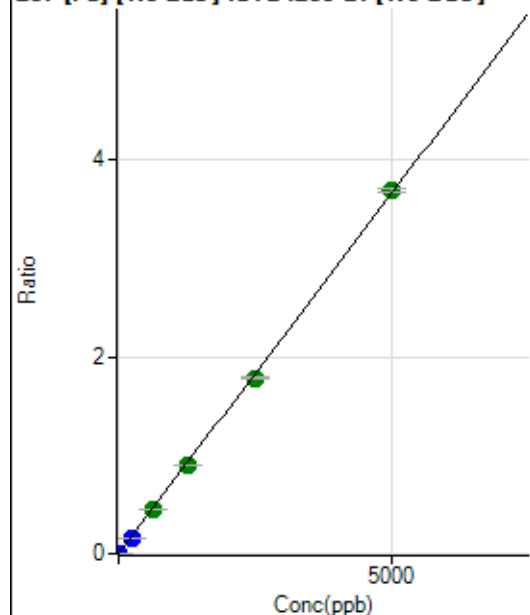
$$DL = 0.02409$$

$$BEC = 0.05572$$

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	216.67	0.0000	P	15.5
2	<input type="checkbox"/>	1.000	0.855	3023.70	0.0007	P	2.4
3	<input type="checkbox"/>	250.000	221.267	733458.84	0.1621	P	1.1
4	<input type="checkbox"/>	625.000	612.397	2018362.07	0.4486	A	1.3
5	<input type="checkbox"/>	1250.000	1229.794	3941455.43	0.9008	A	0.9
6	<input type="checkbox"/>	2500.000	2441.663	7746034.05	1.7884	A	1.3
7	<input type="checkbox"/>	5000.000	5037.232	15389359.91	3.6895	A	1.1
8	<input type="checkbox"/>			3727.22	0.0011	P	6.0

$$y = 7.3244\text{E-}004 * x + 4.7313\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02999$$

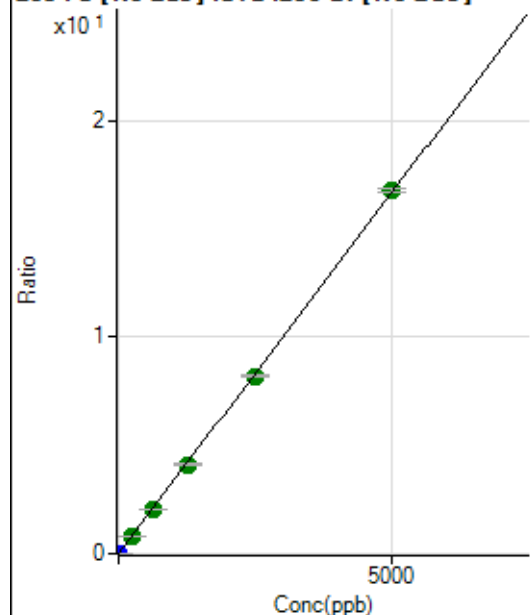
$$BEC = 0.0646$$

Weight: &lt;None&gt;

Min Conc: 0



208 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	867.80	0.0002	P	6.8
2	<input type="checkbox"/>	1.000	0.871	13877.36	0.0031	P	0.9
3	<input type="checkbox"/>	250.000	233.093	3513456.92	0.7765	A	0.7
4	<input type="checkbox"/>	625.000	613.772	9198902.77	2.0445	A	0.8
5	<input type="checkbox"/>	1250.000	1232.512	17961991.82	4.1053	A	1.2
6	<input type="checkbox"/>	2500.000	2458.007	35460194.06	8.1870	A	1.0
7	<input type="checkbox"/>	5000.000	5027.617	69847202.85	16.7455	A	0.9
8	<input type="checkbox"/>			16813.11	0.0049	P	5.3

$$y = 0.0033 * x + 1.8960E-004$$

$$R = 0.9999$$

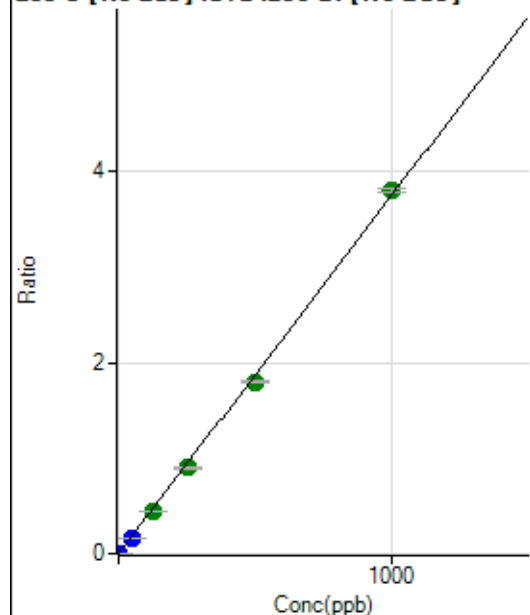
$$DL = 0.01164$$

$$BEC = 0.05693$$

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	11.11	0.0000	P	68.5
2	<input type="checkbox"/>	1.000	0.801	13480.24	0.0030	P	2.0
3	<input type="checkbox"/>	50.000	41.307	699971.60	0.1547	P	1.1
4	<input type="checkbox"/>	125.000	118.210	1992083.37	0.4427	A	0.6
5	<input type="checkbox"/>	250.000	241.079	3950487.16	0.9029	A	1.7
6	<input type="checkbox"/>	500.000	480.123	7788153.50	1.7982	A	1.6
7	<input type="checkbox"/>	1000.000	1013.453	15832300.60	3.7957	A	0.9
8	<input type="checkbox"/>			1954.61	0.0006	P	18.4

$$y = 0.0037 * x + 2.4217E-006$$

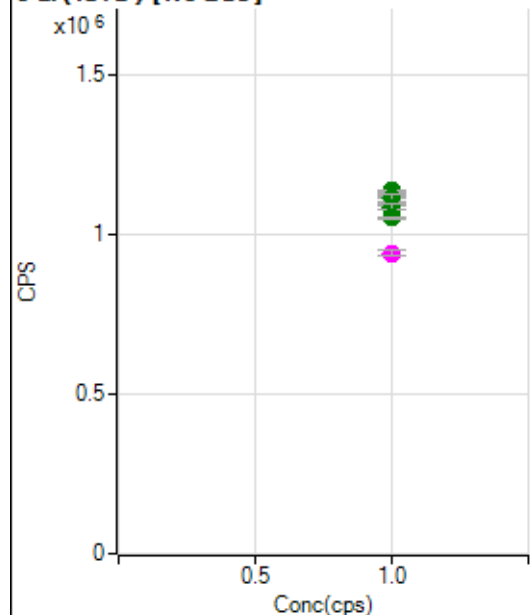
$$R = 0.9997$$

$$DL = 0.00133$$

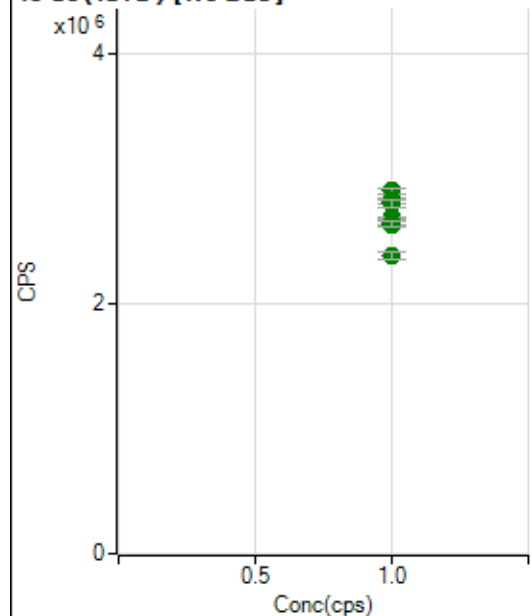
$$BEC = 0.0006466$$

Weight: &lt;None&gt;

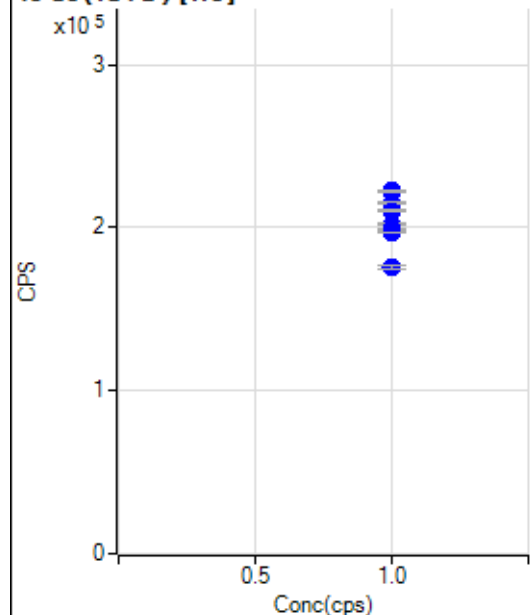
Min Conc: 0

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

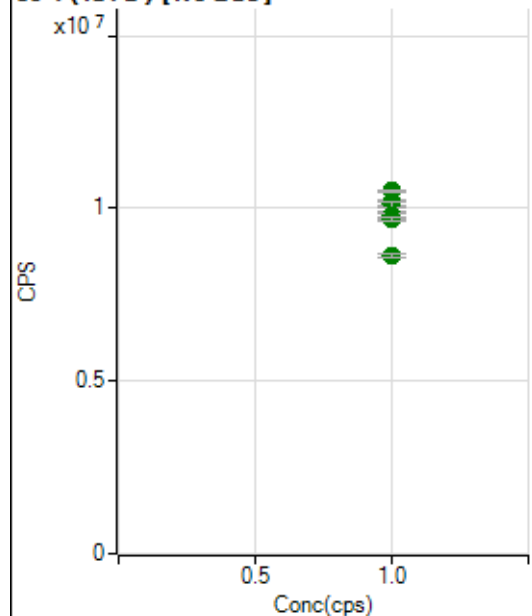
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1120318.38		A	1.9
2	<input type="checkbox"/>	1.000		1118909.00		A	0.6
3	<input type="checkbox"/>	1.000		1134503.06		A	0.9
4	<input type="checkbox"/>	1.000		1112505.49		A	2.4
5	<input type="checkbox"/>	1.000		1083659.82		A	1.2
6	<input type="checkbox"/>	1.000		1083410.16		A	1.6
7	<input type="checkbox"/>	1.000		1049815.61		A	1.0
8	<input type="checkbox"/>	1.000		940460.09		M	1.5

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

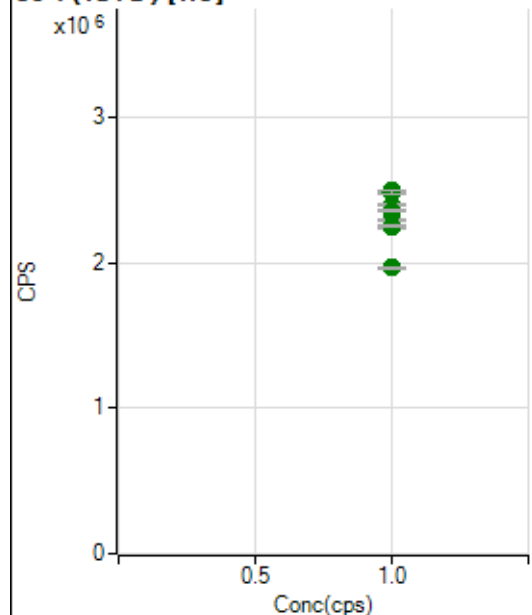
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2905111.52		A	1.6
2	<input type="checkbox"/>	1.000		2829650.79		A	1.9
3	<input type="checkbox"/>	1.000		2822410.20		A	1.0
4	<input type="checkbox"/>	1.000		2804131.28		A	2.0
5	<input type="checkbox"/>	1.000		2688819.48		A	0.9
6	<input type="checkbox"/>	1.000		2647982.64		A	0.8
7	<input type="checkbox"/>	1.000		2637289.92		A	1.7
8	<input type="checkbox"/>	1.000		2382118.39		A	2.6

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

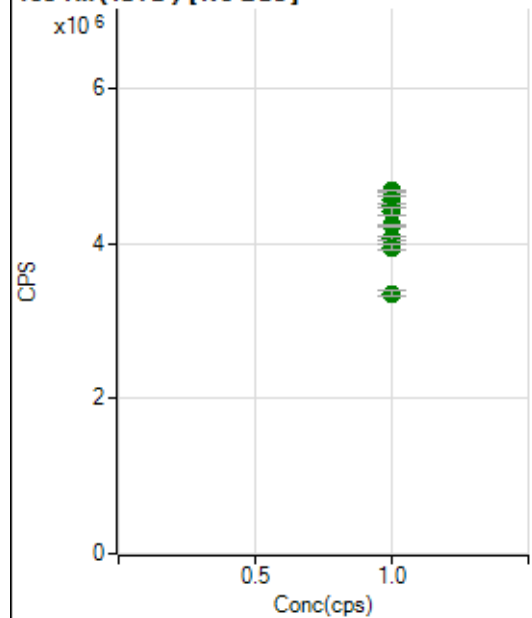
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		222601.79		P	0.7
2	<input type="checkbox"/>	1.000		222305.93		P	0.5
3	<input type="checkbox"/>	1.000		215298.26		P	0.2
4	<input type="checkbox"/>	1.000		210517.98		P	0.2
5	<input type="checkbox"/>	1.000		202338.24		P	0.3
6	<input type="checkbox"/>	1.000		199048.90		P	0.4
7	<input type="checkbox"/>	1.000		196959.21		P	0.3
8	<input type="checkbox"/>	1.000		175934.62		P	1.1

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

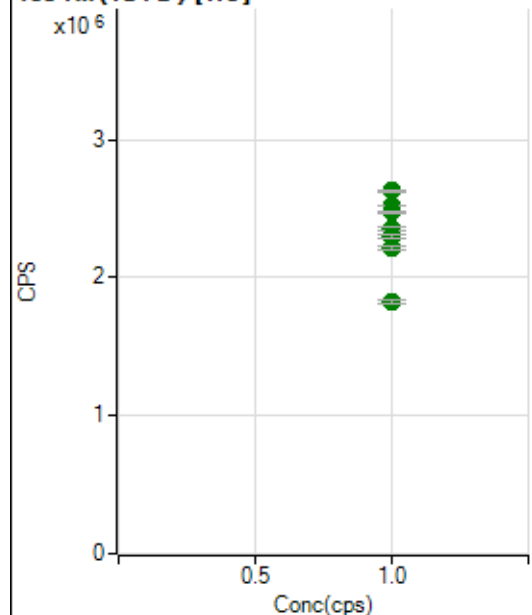
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		10501324.22		A	0.8
2	<input type="checkbox"/>	1.000		10210317.35		A	0.9
3	<input type="checkbox"/>	1.000		10173626.93		A	1.6
4	<input type="checkbox"/>	1.000		10108245.13		A	1.3
5	<input type="checkbox"/>	1.000		9812901.80		A	1.6
6	<input type="checkbox"/>	1.000		9771049.09		A	1.2
7	<input type="checkbox"/>	1.000		9686240.69		A	0.8
8	<input type="checkbox"/>	1.000		8616894.87		A	1.7

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

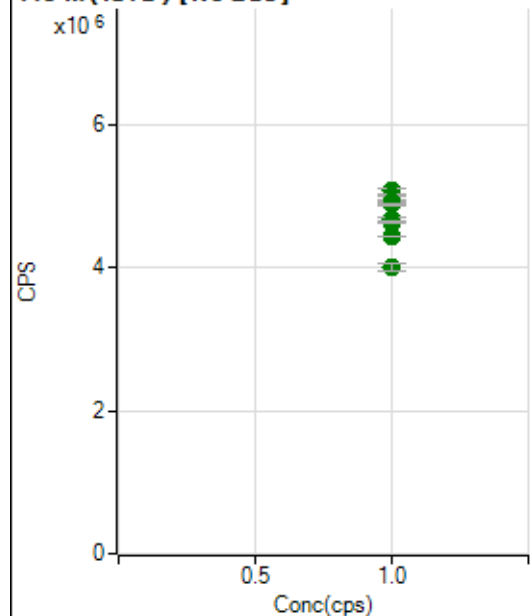
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2497026.21		A	0.2
2	<input type="checkbox"/>	1.000		2490869.48		A	0.9
3	<input type="checkbox"/>	1.000		2398127.43		A	0.6
4	<input type="checkbox"/>	1.000		2358459.20		A	0.6
5	<input type="checkbox"/>	1.000		2291621.01		A	0.4
6	<input type="checkbox"/>	1.000		2267570.14		A	2.2
7	<input type="checkbox"/>	1.000		2251822.38		A	0.4
8	<input type="checkbox"/>	1.000		1967662.89		A	0.5

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

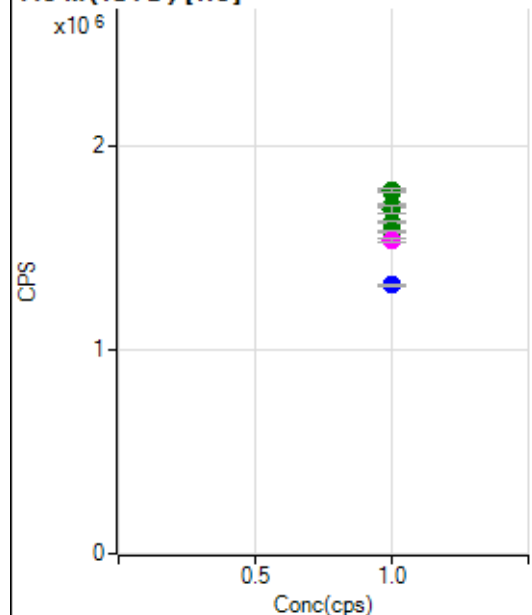
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4679537.95		A	0.7
2	<input type="checkbox"/>	1.000		4561635.59		A	1.8
3	<input type="checkbox"/>	1.000		4484917.19		A	1.1
4	<input type="checkbox"/>	1.000		4420304.80		A	2.4
5	<input type="checkbox"/>	1.000		4229988.31		A	0.6
6	<input type="checkbox"/>	1.000		4062497.89		A	1.2
7	<input type="checkbox"/>	1.000		3954403.13		A	1.4
8	<input type="checkbox"/>	1.000		3355598.14		A	2.5

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

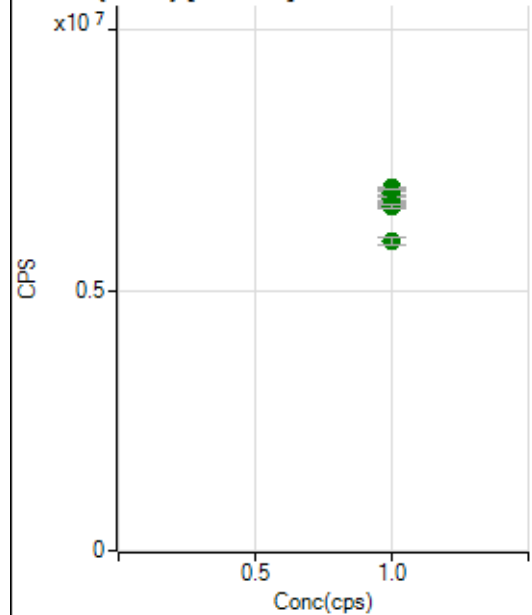
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2627112.20		A	0.7
2	<input type="checkbox"/>	1.000		2625802.22		A	0.5
3	<input type="checkbox"/>	1.000		2516894.55		A	0.2
4	<input type="checkbox"/>	1.000		2473558.40		A	0.9
5	<input type="checkbox"/>	1.000		2356211.42		A	1.1
6	<input type="checkbox"/>	1.000		2297332.15		A	0.8
7	<input type="checkbox"/>	1.000		2219899.69		A	1.3
8	<input type="checkbox"/>	1.000		1824576.48		A	0.8

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

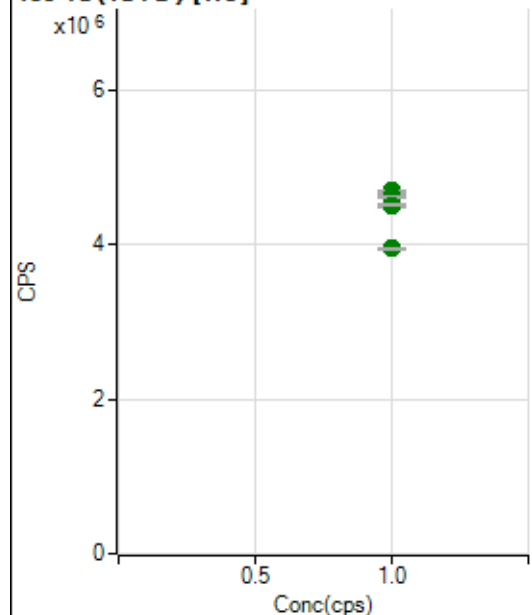
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5067400.90		A	1.5
2	<input type="checkbox"/>	1.000		5000784.10		A	0.5
3	<input type="checkbox"/>	1.000		4927508.86		A	0.8
4	<input type="checkbox"/>	1.000		4876364.62		A	0.8
5	<input type="checkbox"/>	1.000		4677169.93		A	1.3
6	<input type="checkbox"/>	1.000		4626639.42		A	0.8
7	<input type="checkbox"/>	1.000		4434373.44		A	0.1
8	<input type="checkbox"/>	1.000		3995743.46		A	2.8

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

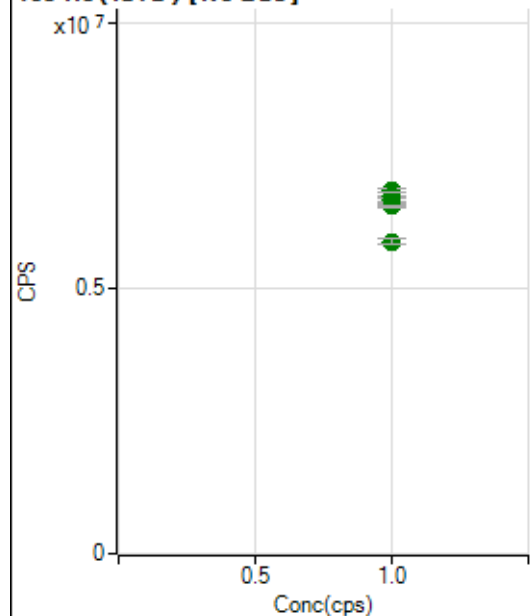
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1776030.57		A	0.9
2	<input type="checkbox"/>	1.000		1777882.47		A	1.2
3	<input type="checkbox"/>	1.000		1701777.20		A	1.2
4	<input type="checkbox"/>	1.000		1686526.63		A	1.8
5	<input type="checkbox"/>	1.000		1624484.15		A	0.9
6	<input type="checkbox"/>	1.000		1582170.94		A	0.5
7	<input type="checkbox"/>	1.000		1538013.31		M	0.9
8	<input type="checkbox"/>	1.000		1318431.49		P	0.7

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

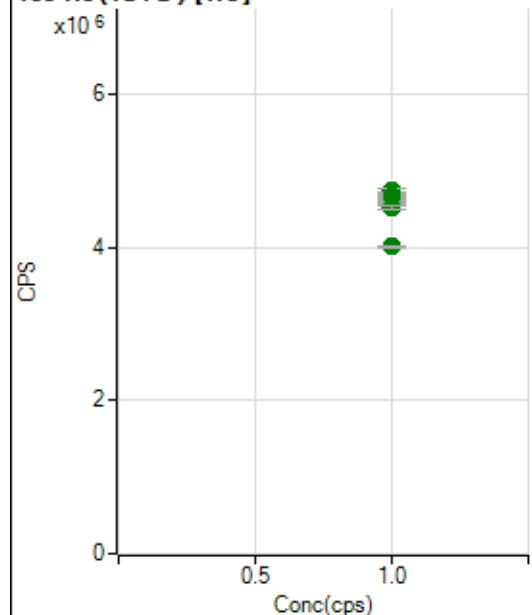
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6974297.19		A	0.3
2	<input type="checkbox"/>	1.000		6868338.51		A	1.2
3	<input type="checkbox"/>	1.000		6885976.42		A	1.3
4	<input type="checkbox"/>	1.000		6888861.84		A	1.6
5	<input type="checkbox"/>	1.000		6780274.55		A	1.0
6	<input type="checkbox"/>	1.000		6663106.01		A	1.4
7	<input type="checkbox"/>	1.000		6613872.68		A	0.7
8	<input type="checkbox"/>	1.000		5953679.63		A	2.5

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

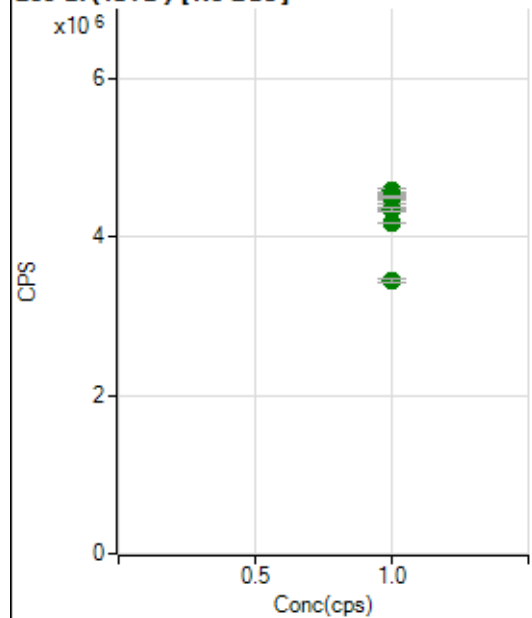
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4671467.22		A	0.5
2	<input type="checkbox"/>	1.000		4693429.97		A	0.1
3	<input type="checkbox"/>	1.000		4630652.19		A	0.6
4	<input type="checkbox"/>	1.000		4612238.30		A	0.3
5	<input type="checkbox"/>	1.000		4499432.29		A	1.3
6	<input type="checkbox"/>	1.000		4514804.44		A	0.5
7	<input type="checkbox"/>	1.000		4514428.86		A	0.3
8	<input type="checkbox"/>	1.000		3952226.71		A	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6829268.85		A	0.9
2	<input type="checkbox"/>	1.000		6677603.58		A	1.2
3	<input type="checkbox"/>	1.000		6683926.22		A	1.4
4	<input type="checkbox"/>	1.000		6736069.76		A	1.5
5	<input type="checkbox"/>	1.000		6594431.70		A	1.3
6	<input type="checkbox"/>	1.000		6615718.79		A	0.7
7	<input type="checkbox"/>	1.000		6548299.35		A	0.6
8	<input type="checkbox"/>	1.000		5870546.02		A	1.9

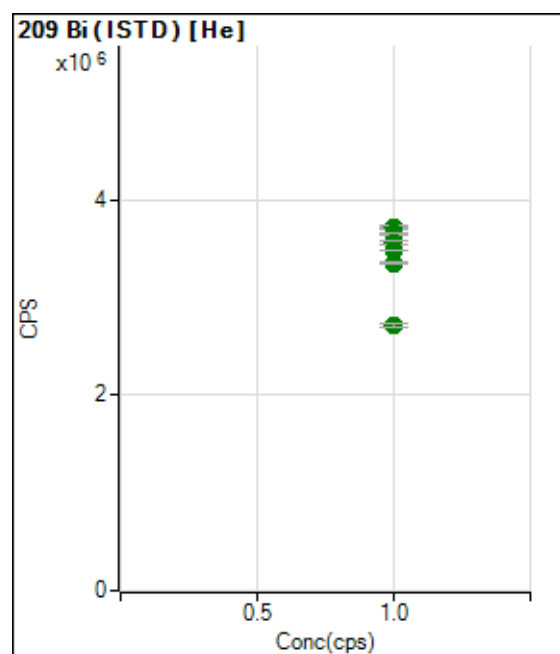
**165 Ho (ISTD) [He]**

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4707042.22		A	0.6
2	<input type="checkbox"/>	1.000		4732821.74		A	1.1
3	<input type="checkbox"/>	1.000		4648862.02		A	0.2
4	<input type="checkbox"/>	1.000		4665897.95		A	0.3
5	<input type="checkbox"/>	1.000		4623641.60		A	0.1
6	<input type="checkbox"/>	1.000		4584079.55		A	0.7
7	<input type="checkbox"/>	1.000		4523173.23		A	1.0
8	<input type="checkbox"/>	1.000		4010613.66		A	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4575310.00		A	0.9
2	<input type="checkbox"/>	1.000		4488288.09		A	1.3
3	<input type="checkbox"/>	1.000		4524611.98		A	0.7
4	<input type="checkbox"/>	1.000		4499589.00		A	0.7
5	<input type="checkbox"/>	1.000		4375778.44		A	1.3
6	<input type="checkbox"/>	1.000		4331545.94		A	1.1
7	<input type="checkbox"/>	1.000		4171189.56		A	0.4
8	<input type="checkbox"/>	1.000		3437760.82		A	1.5





	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3705097.86		A	0.6
2	<input type="checkbox"/>	1.000		3709738.94		A	1.1
3	<input type="checkbox"/>	1.000		3649862.86		A	0.4
4	<input type="checkbox"/>	1.000		3655690.15		A	0.6
5	<input type="checkbox"/>	1.000		3564478.11		A	1.1
6	<input type="checkbox"/>	1.000		3480238.07		A	0.4
7	<input type="checkbox"/>	1.000		3348921.31		A	0.6
8	<input type="checkbox"/>	1.000		2712419.33		A	1.0

# US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7051923 MS.b

Acq. Date-Time 2023-05-19 10:39:15

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		4651	46506.47			0.648	5.000
24		56334	563337.33			0.359	5.000
25		7649	76491.04			0.422	5.000
26		9108	91078.13			0.839	5.000
59		42081	420810.31			0.508	5.000
113		5668	56676.92			0.728	5.000
115		71271	712710.83			0.994	5.000
206		18086	180857.46			1.186	5.000
207		16538	165382.68			1.186	5.000
208		38791	387906.61			1.135	5.000
220		0	3.20			26.146	

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

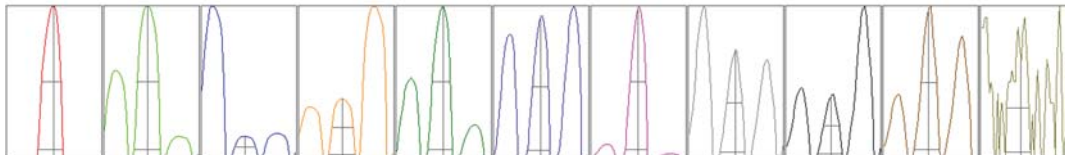
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	4669	4680	4648	4655	4601
24	56416	56474	56509	56018	56252
25	7675	7687	7649	7619	7615
26	9117	9186	9177	9025	9034
59	41792	42184	42302	41924	42204
113	5602	5683	5716	5669	5669
115	70192	71625	72113	71254	71170
206	17728	18163	18275	18059	18204
207	16200	16630	16669	16536	16657
208	38101	39145	39184	38667	38858

# US EPA Tune Check Report

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

Integration Time [sec] 0.1

## Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	8126.51	9.00	8.90 - 9.10	
24	88962.81	23.90	23.90 - 24.10	
25	11902.29	24.90	24.90 - 25.10	
26	13825.85	25.90	25.90 - 26.10	
59	77214.16	59.00	58.90 - 59.10	
113	11721.10	113.00	112.90 - 113.10	
115	148045.39	115.00	114.90 - 115.10	
206	37260.45	206.00	205.90 - 206.10	
207	33213.98	206.95	206.90 - 207.10	
208	79710.50	207.95	207.90 - 208.10	
220	0.45	219.80	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.784	0.900	
24	0.67	0.829	0.900	
25	0.67	0.826	0.900	
26	0.68	0.833	0.900	
59	0.57	0.782	0.900	
113	0.50	0.715	0.900	
115	0.50	0.710	0.900	
206	0.49	0.781	0.900	
207	0.50	0.774	0.900	
208	0.49	0.806	0.900	
220	0.70	0.791		

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	8.4 V	Deflect	16.4 V
Extract 2	-85.0 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	200 V		

## QP Parameters

Mass Gain	123	Axis Gain	1.0002	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	-0.01		

## Hardware Settings

### Torch

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

Discriminator	3.2 mV	Analog HV	2290 V	Pulse HV	1601 V
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[He]

## Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		13515	135149.76			0.251	
89		21553	215532.90			0.372	
205		19575	195753.62			0.668	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	13545	13516	13488	13551	13474
89	21652	21611	21458	21494	21551
205	19784	19603	19440	19505	19545

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	9.3 V	Deflect	3.6 V
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# US EPA Tune Check Report

Extract 2	-90.0 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	123	Axis Gain	1.0002	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		

## Hardware Settings

### Torch

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

Discriminator	3.2 mV	Analog HV	2290 V	Pulse HV	1601 V
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