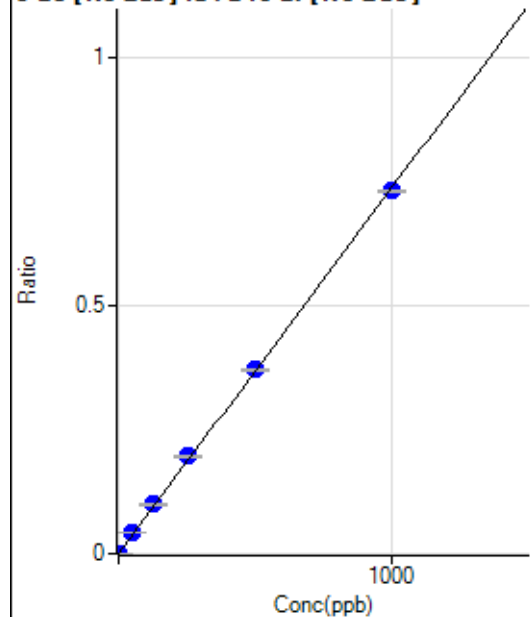


Calibration for 010CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102023 MS.b\
 Analysis File: P7102023 MS.batch.bin
 DA Date-Time: 2023-10-24 11:23:32
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-10-20 17:58:46
2	006CALS.d	S02	2023-10-20 18:05:23
3	007CALS.d	S03	2023-10-20 18:08:39
4	008CALS.d	S04	2023-10-20 18:11:50
5	009CALS.d	S05	2023-10-20 18:14:47
6	010CALS.d	S06	2023-10-20 18:17:41
7	011CALS.d	S07	2023-10-20 18:20:31
8	012CALS.d	S08	2023-10-20 18:23:19

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	57.78	0.0000	P	29.4
2	<input type="checkbox"/>	1.000	1.001	1175.61	0.0008	P	3.0
3	<input type="checkbox"/>	50.000	56.604	62112.02	0.0418	P	1.9
4	<input type="checkbox"/>	125.000	134.734	146491.95	0.0993	P	1.6
5	<input type="checkbox"/>	250.000	266.079	275036.90	0.1961	P	0.5
6	<input type="checkbox"/>	500.000	503.488	514233.91	0.3711	P	0.7
7	<input type="checkbox"/>	1000.000	992.689	976650.05	0.7316	P	0.2
8	<input type="checkbox"/>			456.68	0.0004	P	18.1

$$y = 7.3695E-004 * x + 3.8599E-005$$

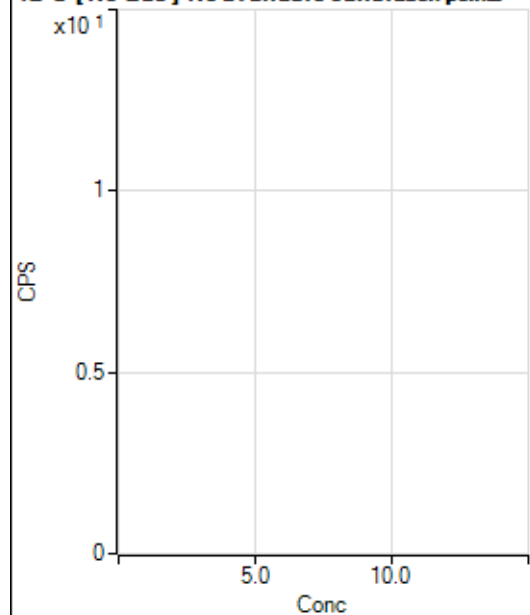
$$R = 0.9998$$

$$DL = 0.04614$$

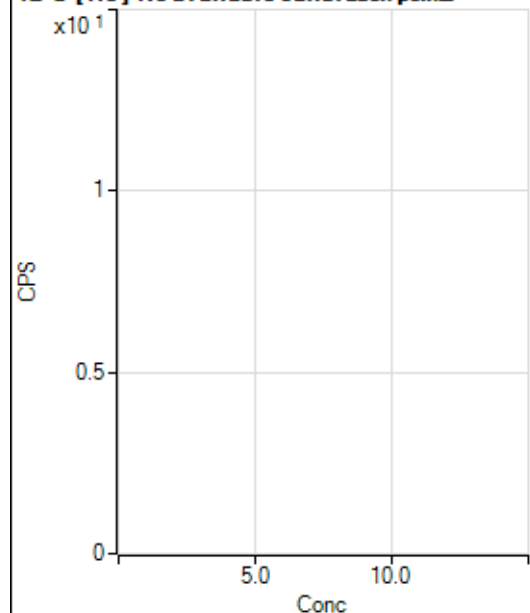
$$BEC = 0.05238$$

Weight: <None>

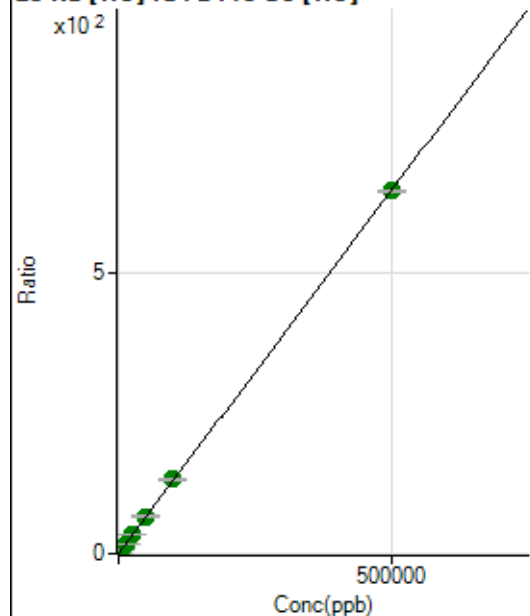
Min Conc: 0

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	6000.11	0.0225	P	0.5
2	<input type="checkbox"/>	500.000	502.089	179692.53	0.6736	P	0.5
3	<input type="checkbox"/>	5000.000	5435.768	1859509.68	7.0720	A	1.7
4	<input type="checkbox"/>	12500.000	13664.921	4327928.03	17.7441	A	2.0
5	<input type="checkbox"/>	25000.000	26525.820	8251346.96	34.4231	A	1.4
6	<input type="checkbox"/>	50000.000	51357.321	15723940.19	66.6264	A	1.0
7	<input type="checkbox"/>	100000.00	102170.92	30745230.93	132.5252	A	1.0
8	<input type="checkbox"/>	500000.00	499320.30	147173198.9	647.5777	A	0.6

$$y = 0.0013 * x + 0.0225$$

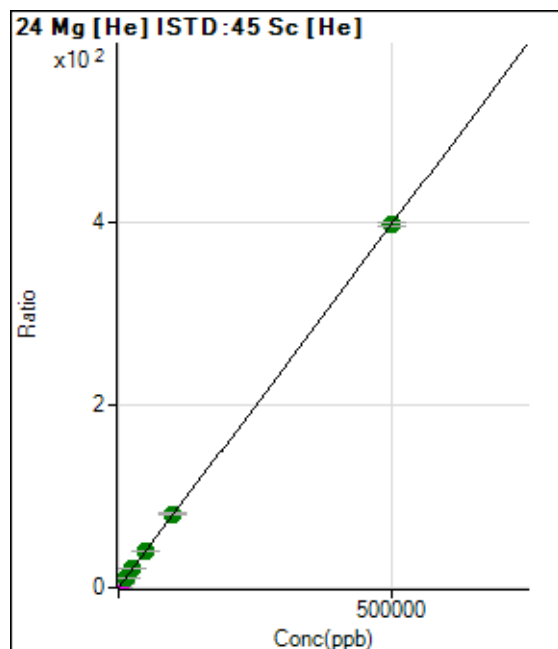
$$R = 1.0000$$

$$DL = 0.2848$$

$$BEC = 17.31$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	716.69	0.0027	P	7.8
2	<input type="checkbox"/>	500.000	501.384	107226.81	0.4020	P	1.4
3	<input type="checkbox"/>	5000.000	5532.163	1159296.68	4.4084	M	1.2
4	<input type="checkbox"/>	12500.000	13875.072	2695942.22	11.0526	A	1.7
5	<input type="checkbox"/>	25000.000	26697.756	5097460.97	21.2645	A	0.8
6	<input type="checkbox"/>	50000.000	51348.171	9651256.17	40.8958	A	0.0
7	<input type="checkbox"/>	100000.00	101624.59	18776787.08	80.9354	A	0.8
8	<input type="checkbox"/>	500000.00	499415.67	90387441.99	397.7320	A	1.0

$$y = 7.9639\text{E-}004 * x + 0.0027$$

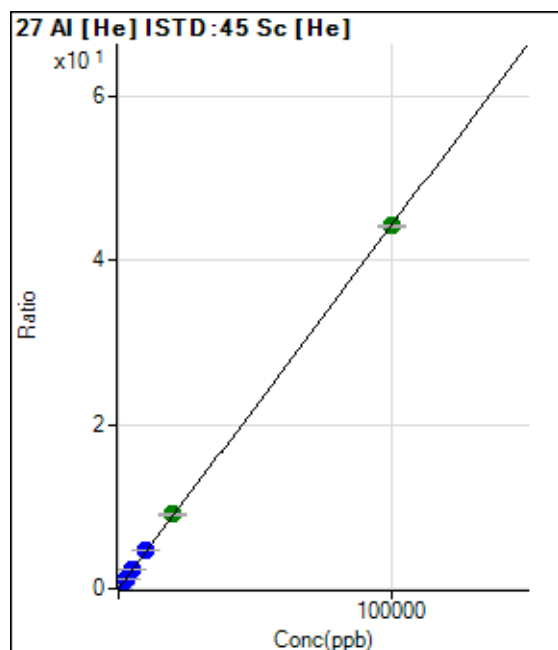
$$R = 1.0000$$

$$DL = 0.7927$$

$$BEC = 3.368$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	168.89	0.0006	P	19.7
2	<input type="checkbox"/>	20.000	22.819	2861.40	0.0107	P	1.4
3	<input type="checkbox"/>	1000.000	1112.020	129507.36	0.4925	P	1.4
4	<input type="checkbox"/>	2500.000	2837.993	306338.07	1.2560	P	2.0
5	<input type="checkbox"/>	5000.000	5397.789	572473.45	2.3882	P	1.4
6	<input type="checkbox"/>	10000.000	10421.120	1087983.64	4.6102	P	0.2
7	<input type="checkbox"/>	20000.000	20467.829	2100304.10	9.0542	A	2.6
8	<input type="checkbox"/>	100000.00	99834.862	10036275.06	44.1607	A	0.4

$$y = 4.4233\text{E-}004 * x + 6.3215\text{E-}004$$

$$R = 1.0000$$

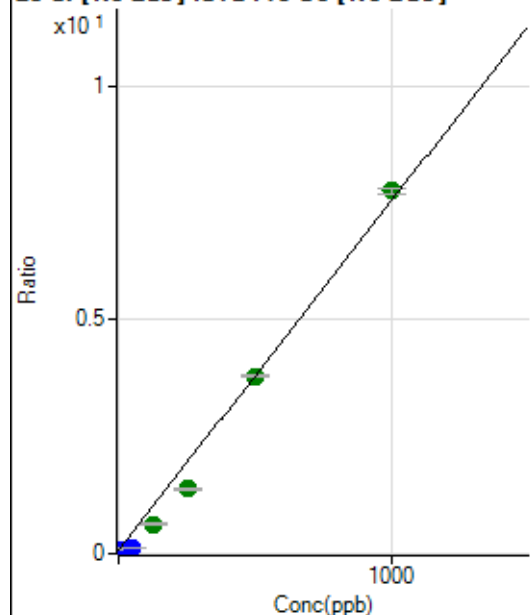
$$DL = 0.8464$$

$$BEC = 1.429$$

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	237349.11	0.0704	P	2.5
2	<input type="checkbox"/>	10.000	1.996	289827.01	0.0853	P	0.5
3	<input type="checkbox"/>	50.000	9.026	460703.24	0.1378	P	1.3
4	<input type="checkbox"/>	125.000	75.497	2053301.29	0.6342	A	1.2
5	<input type="checkbox"/>	250.000	175.049	4203197.33	1.3778	A	1.7
6	<input type="checkbox"/>	500.000	497.311	11478562.89	3.7846	A	1.0
7	<input type="checkbox"/>	1000.000	1028.399	23078842.15	7.7510	A	1.9
8	<input type="checkbox"/>			368836.52	0.1280	P	2.1

$$y = 0.0075 * x + 0.0704$$

$$R = 0.9969$$

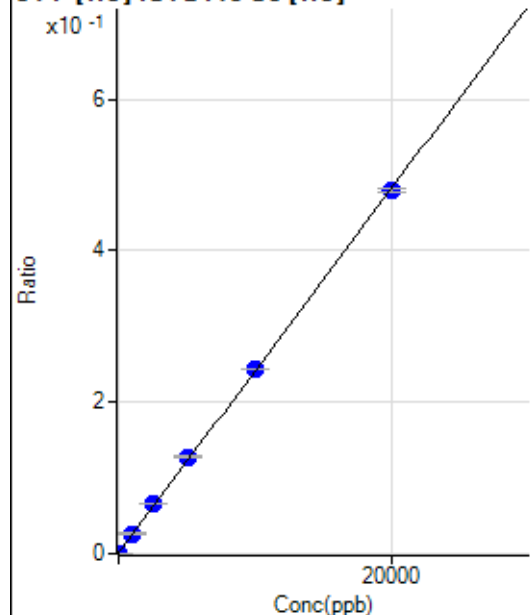
$$DL = 0.7037$$

$$BEC = 9.424$$

Weight: <None>

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	-9.628	191.12	0.0007	P	17.4
2	<input type="checkbox"/>	0.000	9.628	314.45	0.0012	P	7.5
3	<input type="checkbox"/>	1000.000	1064.790	6983.88	0.0266	P	1.0
4	<input type="checkbox"/>	2500.000	2701.463	16079.65	0.0659	P	1.5
5	<input type="checkbox"/>	5000.000	5279.730	30664.02	0.1279	P	1.0
6	<input type="checkbox"/>	10000.000	10072.821	57391.41	0.2432	P	0.4
7	<input type="checkbox"/>	20000.000	19865.234	111055.40	0.4787	P	1.0
8	<input type="checkbox"/>			210.00	0.0009	P	8.6

$$y = 2.4049E-005 * x + 9.4653E-004$$

$$R = 0.9999$$

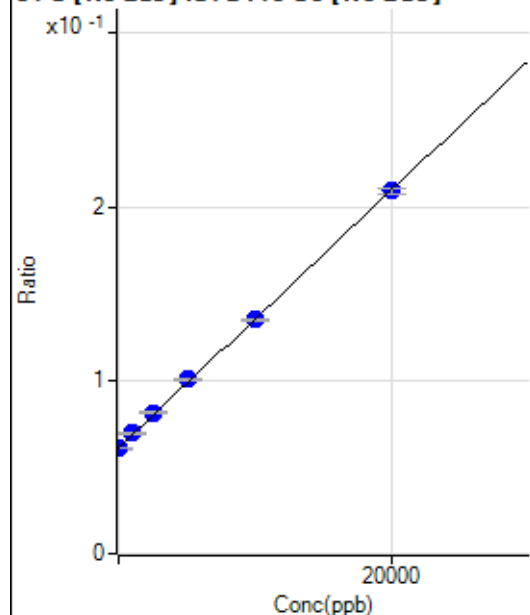
$$DL = 13.28$$

$$BEC = 39.36$$

Weight: <None>

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	-12.658	205453.02	0.0609	P	2.1
2	<input type="checkbox"/>	0.000	12.658	207647.86	0.0611	P	1.2
3	<input type="checkbox"/>	1000.000	1148.795	232611.97	0.0696	P	0.8
4	<input type="checkbox"/>	2500.000	2723.578	263192.06	0.0813	P	1.3
5	<input type="checkbox"/>	5000.000	5324.898	307118.59	0.1007	P	1.4
6	<input type="checkbox"/>	10000.000	9957.939	409960.04	0.1352	P	0.7
7	<input type="checkbox"/>	20000.000	19904.419	623000.38	0.2092	P	1.4
8	<input type="checkbox"/>			167767.71	0.0583	P	0.7

$$y = 7.4464\text{E-}006 * x + 0.0610$$

R = 0.9998

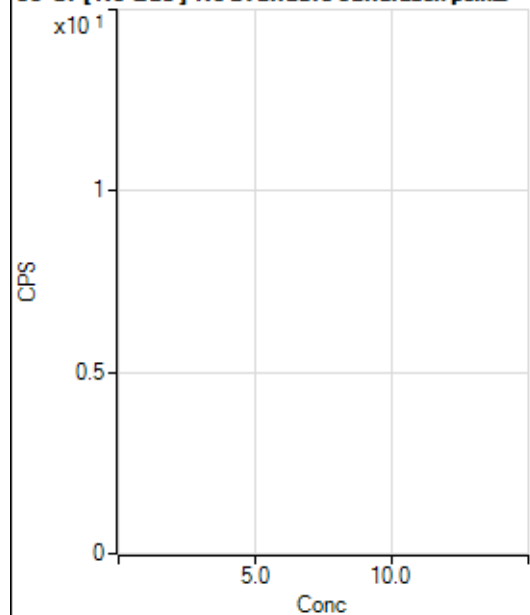
DL = 399.3

BEC = 8194

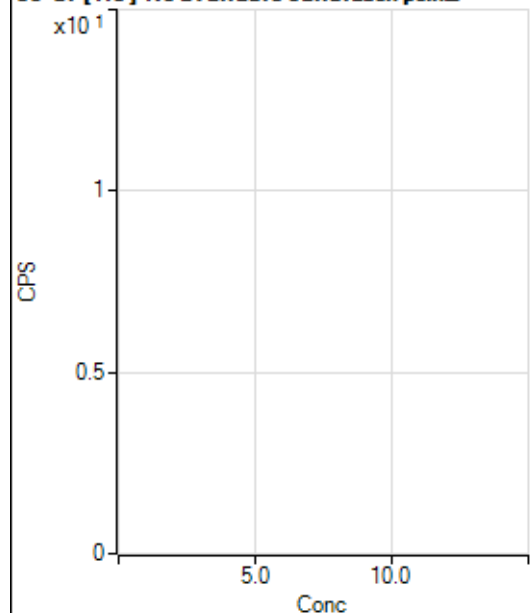
Weight: <None>

Min Conc: 0

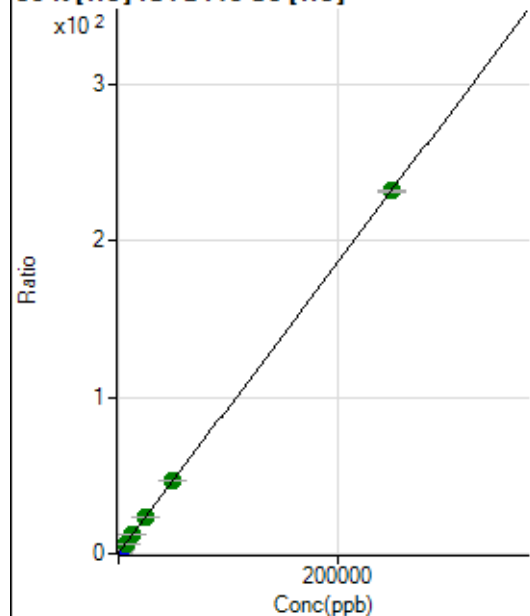
35 Cl [No Gas] No available calibration points



	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	53219.20	0.1991	P	0.2
2	<input type="checkbox"/>	500.000	503.356	177430.46	0.6651	P	0.7
3	<input type="checkbox"/>	2500.000	2777.969	728552.62	2.7709	P	2.0
4	<input type="checkbox"/>	6250.000	6808.018	1585741.80	6.5018	A	3.1
5	<input type="checkbox"/>	12500.000	13009.346	2934742.67	12.2428	A	1.0
6	<input type="checkbox"/>	25000.000	25216.271	5556192.90	23.5436	A	0.5
7	<input type="checkbox"/>	50000.000	50169.662	10820999.14	46.6446	A	1.4
8	<input type="checkbox"/>	250000.00	249902.23	52622720.88	231.5509	A	0.6

$$y = 9.2577\text{E-}004 * x + 0.1991$$

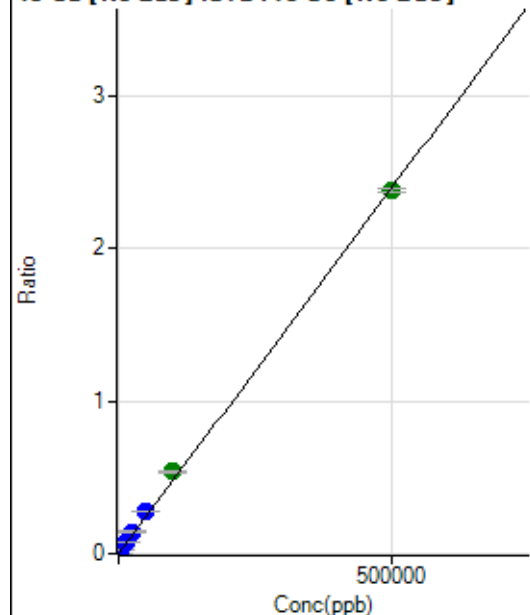
$$R = 1.0000$$

$$DL = 1.5$$

$$BEC = 215.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	656.69	0.0002	P	6.2
2	<input type="checkbox"/>	500.000	484.821	8551.39	0.0025	P	1.0
3	<input type="checkbox"/>	5000.000	6181.067	99623.97	0.0298	P	0.5
4	<input type="checkbox"/>	12500.000	15120.368	235065.64	0.0726	P	0.8
5	<input type="checkbox"/>	25000.000	30189.674	441680.57	0.1448	P	1.0
6	<input type="checkbox"/>	50000.000	57801.845	840156.03	0.2770	P	0.3
7	<input type="checkbox"/>	100000.00	112026.35	1598024.19	0.5367	A	1.2
8	<input type="checkbox"/>	500000.00	496477.75	6847389.83	2.3778	A	1.2

$$y = 4.7889\text{E-}006 * x + 1.9469\text{E-}004$$

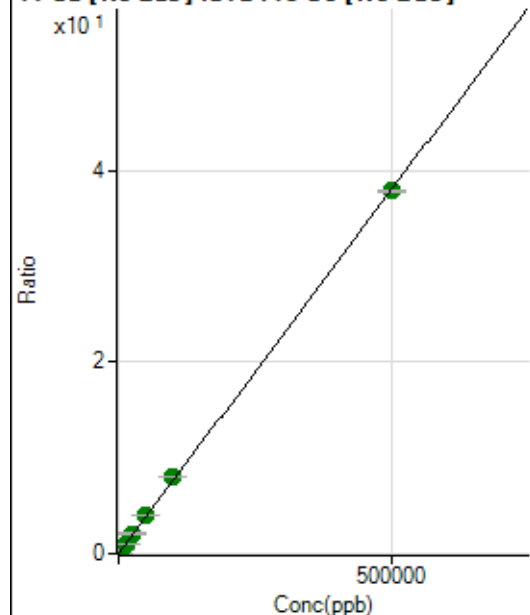
$$R = 0.9996$$

$$DL = 7.551$$

$$BEC = 40.65$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	7741.04	0.0023	P	3.0
2	<input type="checkbox"/>	500.000	496.043	136010.75	0.0400	P	1.3
3	<input type="checkbox"/>	5000.000	5743.583	1468464.47	0.4392	A	1.0
4	<input type="checkbox"/>	12500.000	13810.867	3408482.62	1.0528	A	1.4
5	<input type="checkbox"/>	25000.000	27648.980	6423463.65	2.1055	A	1.2
6	<input type="checkbox"/>	50000.000	52725.329	12171220.93	4.0130	A	0.6
7	<input type="checkbox"/>	100000.00	105547.82	23912707.14	8.0310	A	1.4
8	<input type="checkbox"/>	500000.00	498445.24	109194470.5	37.9175	A	0.8

$$y = 7.6067\text{E-}005 * x + 0.0023$$

$$R = 0.9999$$

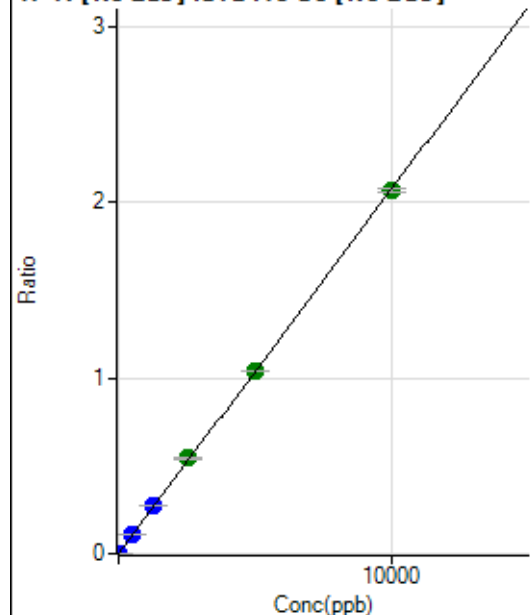
$$DL = 2.7$$

$$BEC = 30.17$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	64.45	0.0000	P	12.8
2	<input type="checkbox"/>	5.000	5.084	3651.59	0.0011	P	1.2
3	<input type="checkbox"/>	500.000	537.320	373068.14	0.1116	P	0.8
4	<input type="checkbox"/>	1250.000	1316.182	884730.44	0.2733	P	1.6
5	<input type="checkbox"/>	2500.000	2615.171	1656559.59	0.5430	A	1.8
6	<input type="checkbox"/>	5000.000	5015.326	3158344.64	1.0413	A	0.8
7	<input type="checkbox"/>	10000.000	9953.406	6153573.24	2.0666	A	1.0
8	<input type="checkbox"/>			1037.83	0.0004	P	10.6

$$y = 2.0763\text{E-}004 * x + 1.9139\text{E-}005$$

$$R = 0.9999$$

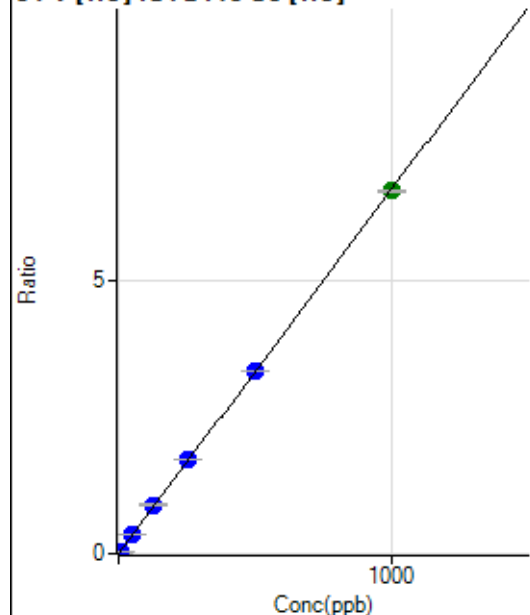
$$DL = 0.03543$$

$$BEC = 0.09218$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	5.56	0.0000	P	35.2
2	<input type="checkbox"/>	5.000	4.753	8450.21	0.0317	P	3.1
3	<input type="checkbox"/>	50.000	52.411	91804.60	0.3492	P	2.5
4	<input type="checkbox"/>	125.000	133.527	216962.69	0.8896	P	2.2
5	<input type="checkbox"/>	250.000	258.363	412582.95	1.7212	P	1.3
6	<input type="checkbox"/>	500.000	501.325	788162.96	3.3398	P	0.5
7	<input type="checkbox"/>	1000.000	996.062	1539487.56	6.6356	A	0.7
8	<input type="checkbox"/>			414.46	0.0018	P	10.3

$$y = 0.0067 * x + 2.0825\text{E-}005$$

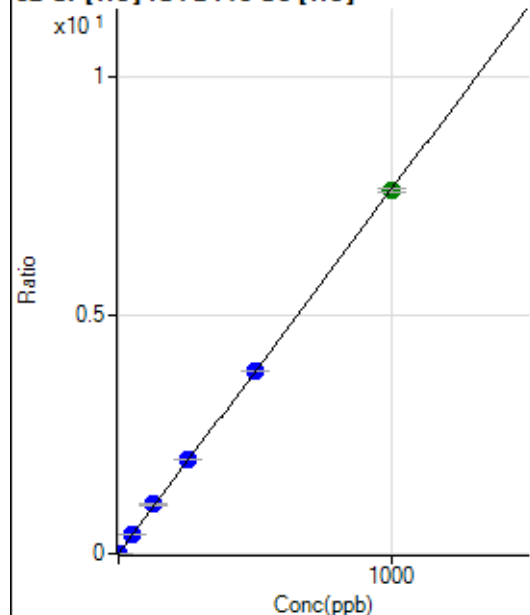
$$R = 0.9999$$

$$DL = 0.003301$$

$$BEC = 0.003126$$

Weight: <None>

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	841.14	0.0031	P	5.9
2	<input type="checkbox"/>	2.000	2.029	4967.53	0.0186	P	2.2
3	<input type="checkbox"/>	50.000	53.060	107226.33	0.4078	P	2.3
4	<input type="checkbox"/>	125.000	134.823	251555.96	1.0314	P	2.3
5	<input type="checkbox"/>	250.000	259.745	475629.19	1.9841	P	0.8
6	<input type="checkbox"/>	500.000	501.201	902825.11	3.8256	P	0.8
7	<input type="checkbox"/>	1000.000	995.582	1762252.51	7.5961	A	1.0
8	<input type="checkbox"/>			4771.92	0.0210	P	0.2

$$y = 0.0076 * x + 0.0031$$

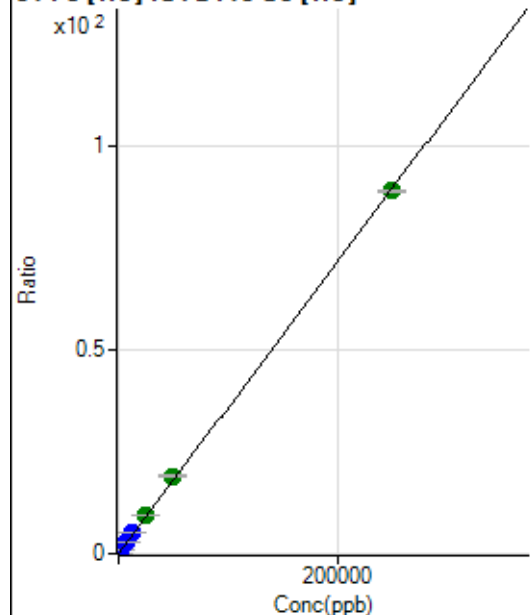
$$R = 0.9999$$

$$DL = 0.07339$$

$$BEC = 0.4126$$

Weight: <None>

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	1286.73	0.0048	P	4.2
2	<input type="checkbox"/>	50.000	56.335	6654.86	0.0249	P	0.3
3	<input type="checkbox"/>	2500.000	2961.160	279491.76	1.0630	P	2.2
4	<input type="checkbox"/>	6250.000	7577.188	661615.13	2.7126	P	1.9
5	<input type="checkbox"/>	12500.000	14560.459	1248402.40	5.2081	P	1.3
6	<input type="checkbox"/>	25000.000	26864.175	2266620.33	9.6049	A	1.1
7	<input type="checkbox"/>	50000.000	53332.936	4422748.58	19.0636	A	0.7
8	<input type="checkbox"/>	250000.00	249006.18	20223923.45	88.9886	A	0.4

$$y = 3.5736E-004 * x + 0.0048$$

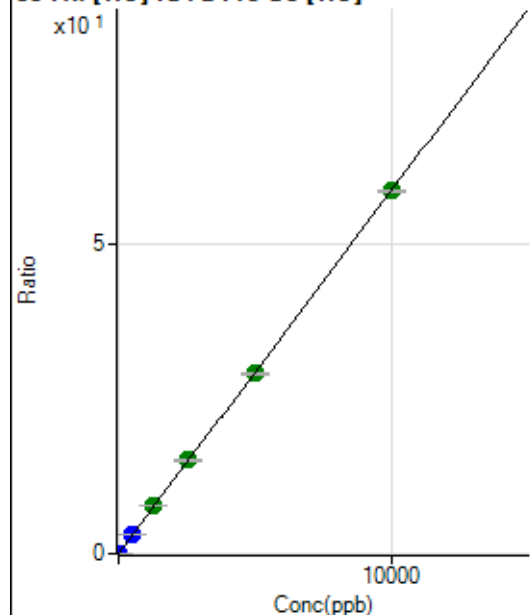
$$R = 0.9999$$

$$DL = 1.707$$

$$BEC = 13.47$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	150.00	0.0006	P	17.3
2	<input type="checkbox"/>	1.000	1.043	1785.68	0.0067	P	1.1
3	<input type="checkbox"/>	500.000	529.748	818754.73	3.1139	P	2.0
4	<input type="checkbox"/>	1250.000	1338.024	1918203.88	7.8643	A	1.6
5	<input type="checkbox"/>	2500.000	2581.531	3636986.61	15.1725	A	1.1
6	<input type="checkbox"/>	5000.000	4960.812	6880527.26	29.1558	A	0.9
7	<input type="checkbox"/>	10000.000	9986.721	13616829.52	58.6936	A	0.7
8	<input type="checkbox"/>			7111.73	0.0313	P	2.3

$$y = 0.0059 * x + 5.6166E-004$$

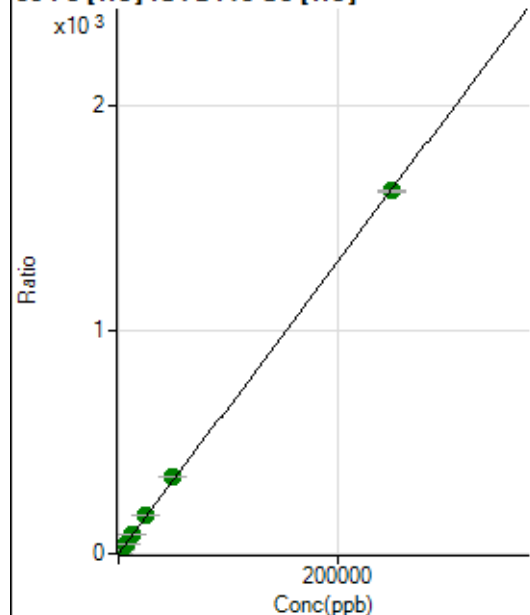
$$R = 0.9999$$

$$DL = 0.04973$$

$$BEC = 0.09557$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	8956.07	0.0335	P	1.0
2	<input type="checkbox"/>	50.000	55.226	104800.66	0.3929	P	0.8
3	<input type="checkbox"/>	2500.000	2787.365	4778033.47	18.1708	A	1.4
4	<input type="checkbox"/>	6250.000	7100.331	11276781.92	46.2352	A	2.2
5	<input type="checkbox"/>	12500.000	13692.814	21365766.76	89.1323	A	1.2
6	<input type="checkbox"/>	25000.000	26555.105	40786240.50	172.8270	A	0.6
7	<input type="checkbox"/>	50000.000	52636.514	79465813.81	342.5381	A	1.3
8	<input type="checkbox"/>	250000.00	249233.41	368576861.1	1,621.789	A	0.3

$$y = 0.0065 * x + 0.0335$$

$$R = 0.9999$$

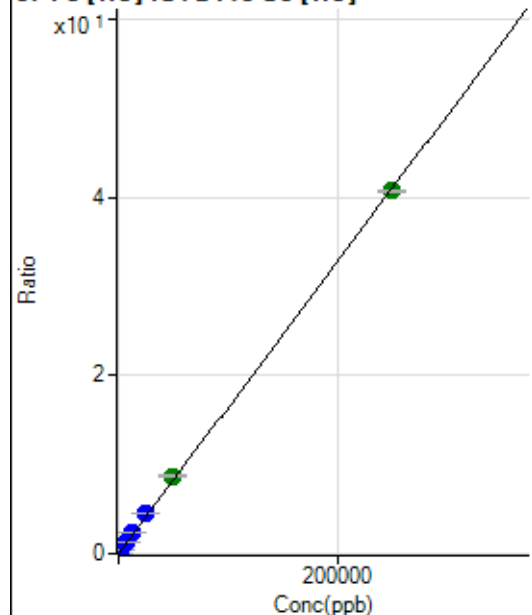
$$DL = 0.1518$$

$$BEC = 5.15$$

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	642.24	0.0024	P	3.3
2	<input type="checkbox"/>	50.000	56.279	3099.24	0.0116	P	1.7
3	<input type="checkbox"/>	2500.000	2943.298	127357.29	0.4844	P	1.6
4	<input type="checkbox"/>	6250.000	7482.099	299407.12	1.2276	P	2.1
5	<input type="checkbox"/>	12500.000	14419.695	566587.80	2.3636	P	0.8
6	<input type="checkbox"/>	25000.000	27812.028	1075297.29	4.5565	P	0.6
7	<input type="checkbox"/>	50000.000	53414.254	2029746.22	8.7487	A	0.3
8	<input type="checkbox"/>	250000.00	248904.72	9263080.14	40.7594	A	0.5

$$y = 1.6375E-004 * x + 0.0024$$

R = 0.9999

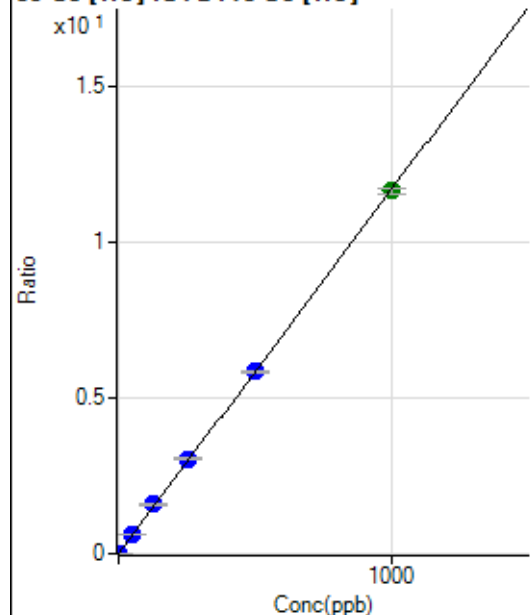
DL = 1.434

BEC = 14.68

Weight: <None>

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	47.78	0.0002	P	7.7
2	<input type="checkbox"/>	1.000	0.958	3041.45	0.0114	P	0.4
3	<input type="checkbox"/>	50.000	53.363	164338.37	0.6250	P	2.3
4	<input type="checkbox"/>	125.000	135.058	385751.46	1.5817	P	2.7
5	<input type="checkbox"/>	250.000	260.487	731210.76	3.0504	P	1.1
6	<input type="checkbox"/>	500.000	499.788	1381155.55	5.8526	P	0.5
7	<input type="checkbox"/>	1000.000	996.059	2705816.18	11.6637	A	1.7
8	<input type="checkbox"/>			7832.12	0.0345	P	2.2

$$y = 0.0117 * x + 1.7873E-004$$

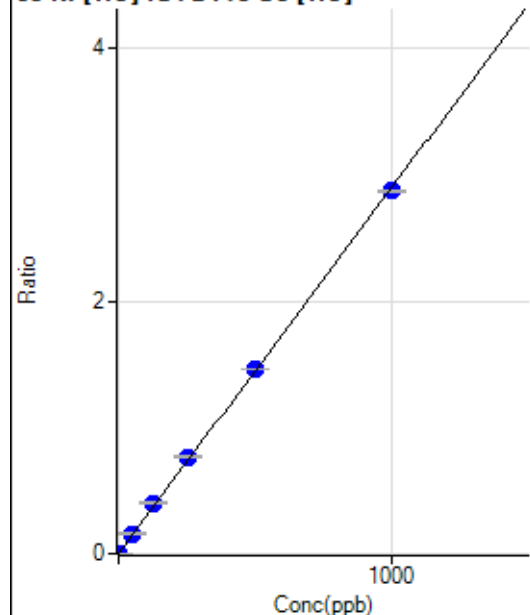
R = 0.9999

DL = 0.003527

BEC = 0.01526

Weight: <None>

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	144.45	0.0005	P	11.1
2	<input type="checkbox"/>	1.000	1.086	983.38	0.0037	P	3.0
3	<input type="checkbox"/>	50.000	54.949	41986.36	0.1597	P	2.6
4	<input type="checkbox"/>	125.000	137.971	97600.21	0.4002	P	2.0
5	<input type="checkbox"/>	250.000	264.428	183717.65	0.7664	P	1.4
6	<input type="checkbox"/>	500.000	505.484	345636.82	1.4646	P	0.5
7	<input type="checkbox"/>	1000.000	991.782	666558.45	2.8731	P	0.8
8	<input type="checkbox"/>			2200.19	0.0097	P	5.1

$$y = 0.0029 * x + 5.4028E-004$$

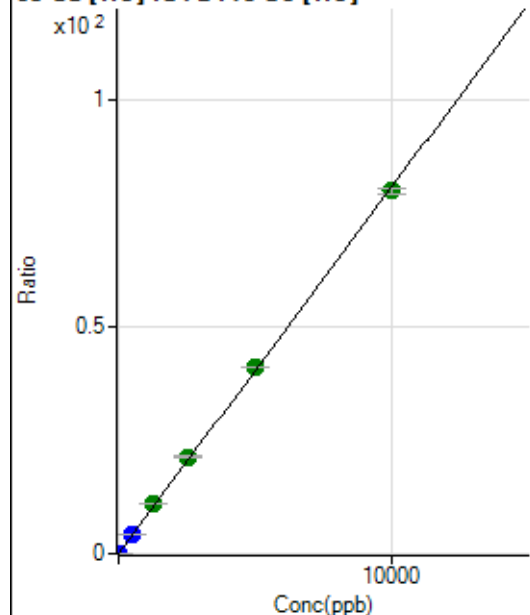
$$R = 0.9998$$

$$DL = 0.06211$$

$$BEC = 0.1865$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	517.79	0.0019	P	4.4
2	<input type="checkbox"/>	2.000	2.077	4989.77	0.0187	P	2.4
3	<input type="checkbox"/>	500.000	544.591	1156220.46	4.3975	P	2.3
4	<input type="checkbox"/>	1250.000	1378.393	2714281.63	11.1275	A	1.2
5	<input type="checkbox"/>	2500.000	2647.962	5123649.02	21.3747	A	1.3
6	<input type="checkbox"/>	5000.000	5085.766	9687772.91	41.0512	A	0.4
7	<input type="checkbox"/>	10000.000	9901.848	18541453.06	79.9237	A	1.4
8	<input type="checkbox"/>			4285.10	0.0189	P	3.7

$$y = 0.0081 * x + 0.0019$$

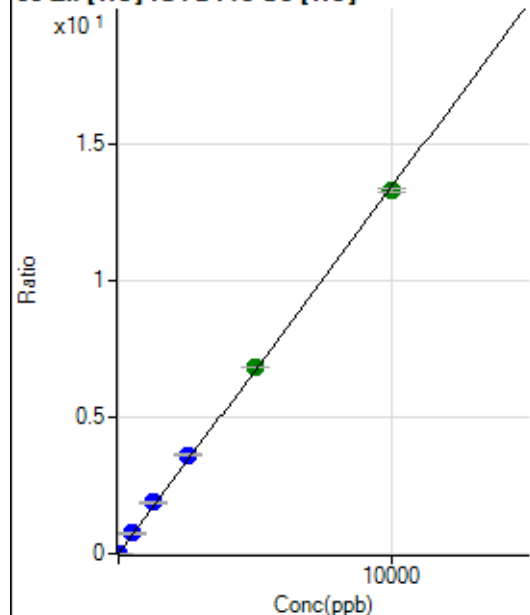
$$R = 0.9998$$

$$DL = 0.03152$$

$$BEC = 0.24$$

Weight: <None>

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	394.46	0.0015	P	8.7
2	<input type="checkbox"/>	2.000	2.203	1183.39	0.0044	P	6.6
3	<input type="checkbox"/>	500.000	550.972	194902.83	0.7412	P	1.1
4	<input type="checkbox"/>	1250.000	1395.928	457461.59	1.8756	P	2.2
5	<input type="checkbox"/>	2500.000	2695.553	867849.68	3.6205	P	1.4
6	<input type="checkbox"/>	5000.000	5077.110	1608970.72	6.8179	A	0.4
7	<input type="checkbox"/>	10000.000	9891.767	3081299.40	13.2819	A	1.1
8	<input type="checkbox"/>			2893.65	0.0127	P	2.3

$$y = 0.0013 * x + 0.0015$$

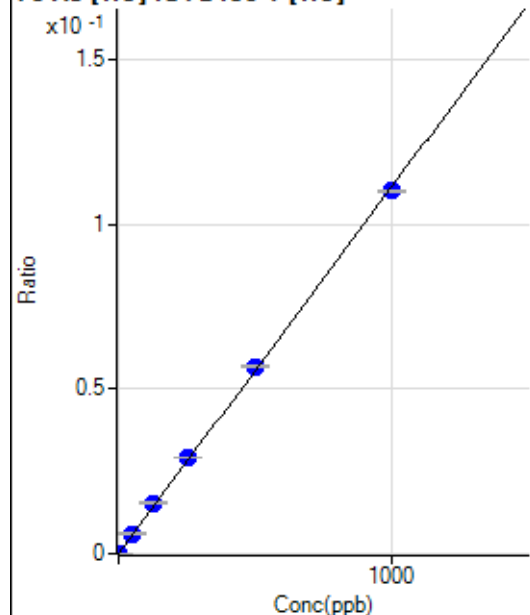
$$R = 0.9997$$

$$DL = 0.2863$$

$$BEC = 1.1$$

Weight: <None>

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	4.44	0.0000	P	42.9
2	<input type="checkbox"/>	1.000	1.143	277.78	0.0001	P	13.8
3	<input type="checkbox"/>	50.000	54.738	12766.69	0.0061	P	1.8
4	<input type="checkbox"/>	125.000	137.020	30434.57	0.0152	P	3.2
5	<input type="checkbox"/>	250.000	262.643	58281.52	0.0292	P	1.1
6	<input type="checkbox"/>	500.000	510.190	110744.48	0.0567	P	1.1
7	<input type="checkbox"/>	1000.000	990.005	213307.93	0.1100	P	0.3
8	<input type="checkbox"/>			95.56	0.0001	P	8.7

$$y = 1.1116E-004 * x + 2.0386E-006$$

$$R = 0.9998$$

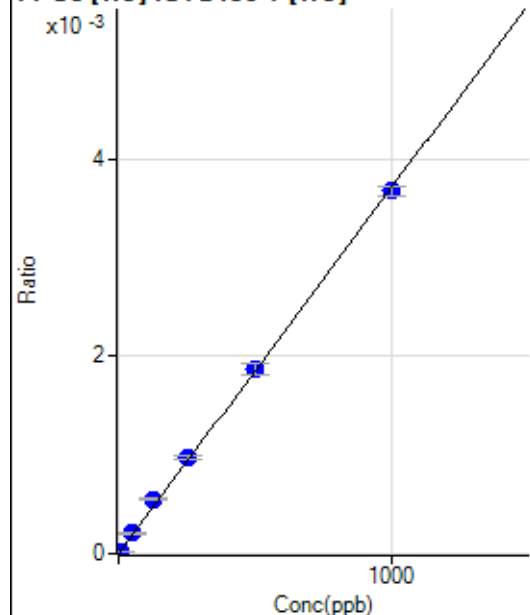
$$DL = 0.02363$$

$$BEC = 0.01834$$

Weight: <None>

Min Conc: 0

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



	R _j 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"/>	5.000	6.111	48.89	0.0000	P	28.9
3	<input type="checkbox"/>	50.000	55.970	435.57	0.0002	P	11.6
4	<input type="checkbox"/>	125.000	147.914	1097.83	0.0005	P	2.8
5	<input type="checkbox"/>	250.000	263.263	1951.26	0.0010	P	4.8
6	<input type="checkbox"/>	500.000	504.820	3659.38	0.0019	P	5.9
7	<input type="checkbox"/>	1000.000	991.106	7136.23	0.0037	P	2.8
8	<input type="checkbox"/>			28.89	0.0000	P	5.9

$$y = 3.7143\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

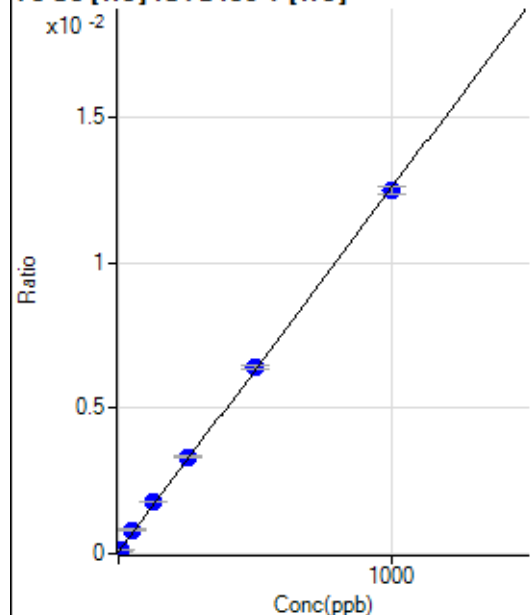
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	142.23	0.0001	P	9.0
2	<input type="checkbox"/>	5.000	5.322	284.45	0.0001	P	11.8
3	<input type="checkbox"/>	50.000	58.692	1677.89	0.0008	P	6.8
4	<input type="checkbox"/>	125.000	137.089	3561.58	0.0018	P	1.9
5	<input type="checkbox"/>	250.000	259.908	6628.20	0.0033	P	1.5
6	<input type="checkbox"/>	500.000	507.768	12546.50	0.0064	P	1.2
7	<input type="checkbox"/>	1000.000	991.692	24197.62	0.0125	P	2.2
8	<input type="checkbox"/>			241.11	0.0001	P	11.7

$$y = 1.2524\text{E-}005 * x + 6.5358\text{E-}005$$

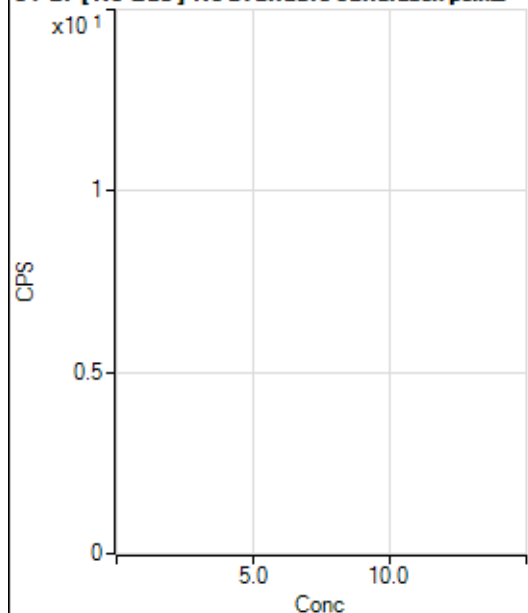
$$R = 0.9999$$

$$DL = 1.415$$

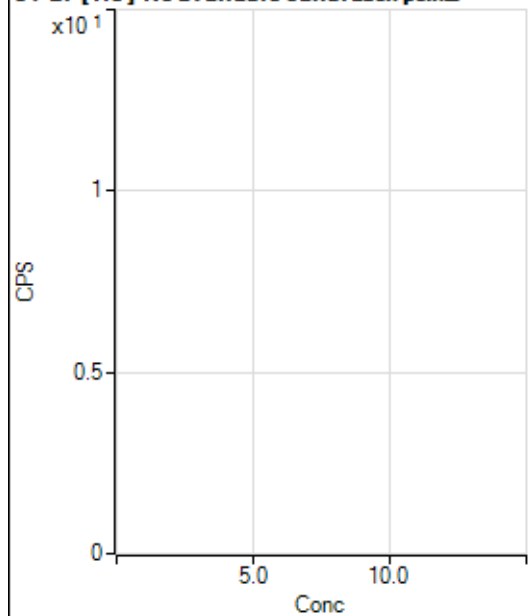
$$BEC = 5.219$$

Weight: <None>

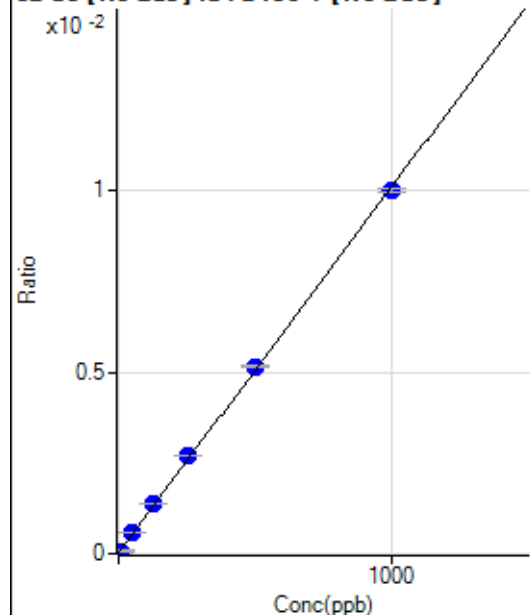
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			23590.08		P	1.7
2	<input type="checkbox"/>			23432.09		P	1.6
3	<input type="checkbox"/>			23035.85		P	0.9
4	<input type="checkbox"/>			21553.64		P	1.8
5	<input type="checkbox"/>			20758.07		P	2.3
6	<input type="checkbox"/>			20420.90		P	2.5
7	<input type="checkbox"/>			20337.47		P	3.1
8	<input type="checkbox"/>			21837.35		P	2.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			72.22		P	7.0
2	<input type="checkbox"/>			54.45		P	35.9
3	<input type="checkbox"/>			68.89		P	19.5
4	<input type="checkbox"/>			48.89		P	30.7
5	<input type="checkbox"/>			74.44		P	11.3
6	<input type="checkbox"/>			67.78		P	12.4
7	<input type="checkbox"/>			105.55		P	3.6
8	<input type="checkbox"/>			401.12		P	5.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	256.09	0.0000	P	19.2
2	<input type="checkbox"/>	5.000	5.174	752.87	0.0001	P	6.8
3	<input type="checkbox"/>	50.000	56.252	5562.92	0.0006	P	2.4
4	<input type="checkbox"/>	125.000	135.334	12816.59	0.0014	P	1.3
5	<input type="checkbox"/>	250.000	266.243	23884.27	0.0027	P	0.3
6	<input type="checkbox"/>	500.000	509.299	45688.76	0.0052	P	0.9
7	<input type="checkbox"/>	1000.000	989.685	87036.72	0.0100	P	1.0
8	<input type="checkbox"/>			776.32	0.0001	P	7.1

$$y = 1.0072\text{E-}005 * x + 2.6995\text{E-}005$$

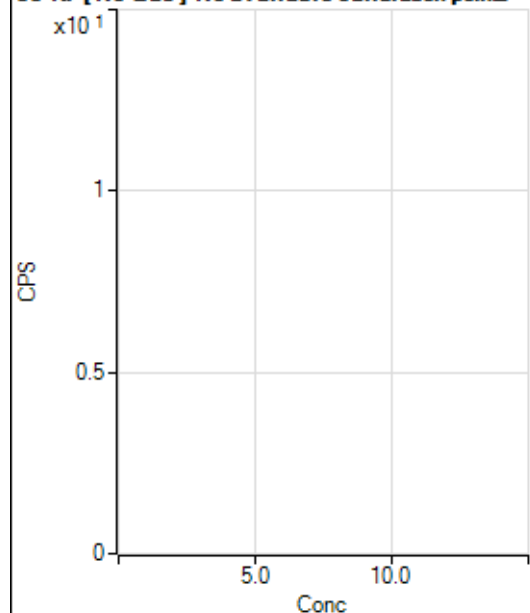
$$R = 0.9998$$

$$DL = 1.547$$

$$BEC = 2.68$$

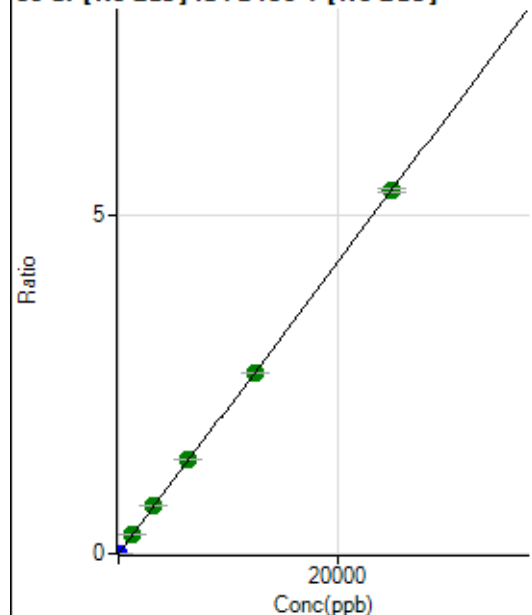
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>			123.34		P	24.0
2	<input type="checkbox"/>			120.00		P	22.2
3	<input type="checkbox"/>			115.56		P	24.5
4	<input type="checkbox"/>			102.23		P	23.1
5	<input type="checkbox"/>			110.00		P	18.2
6	<input type="checkbox"/>			121.11		P	32.8
7	<input type="checkbox"/>			96.67		P	9.1
8	<input type="checkbox"/>			108.89		P	3.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	170.00	0.0000	P	6.7
2	<input type="checkbox"/>	1.000	0.966	2143.51	0.0002	P	4.7
3	<input type="checkbox"/>	1250.000	1341.143	2697945.60	0.2879	A	3.0
4	<input type="checkbox"/>	3125.000	3258.519	6450188.72	0.6996	A	0.4
5	<input type="checkbox"/>	6250.000	6476.790	12260047.73	1.3905	A	1.1
6	<input type="checkbox"/>	12500.000	12415.002	23615274.37	2.6653	A	0.5
7	<input type="checkbox"/>	25000.000	24964.554	46669061.53	5.3595	A	0.9
8	<input type="checkbox"/>			6828.32	0.0008	P	13.4

$$y = 2.1468\text{E-}004 * x + 1.7906\text{E-}005$$

$$R = 0.9999$$

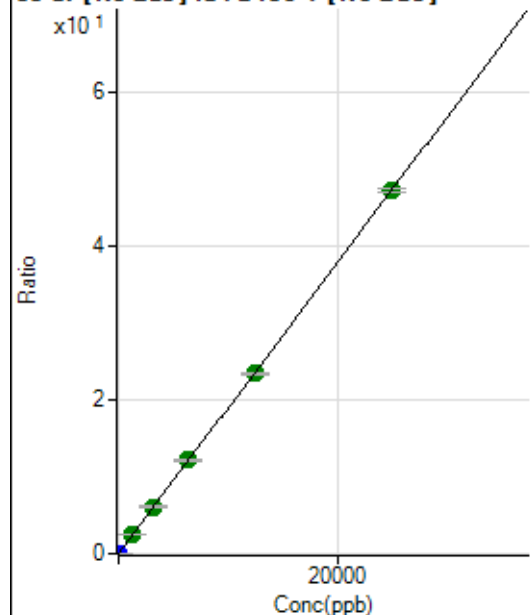
$$DL = 0.01684$$

$$BEC = 0.08341$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	236.67	0.0000	P	12.8
2	<input type="checkbox"/>	1.000	0.911	16590.56	0.0017	P	2.1
3	<input type="checkbox"/>	1250.000	1336.685	23620837.98	2.5207	A	2.4
4	<input type="checkbox"/>	3125.000	3238.063	56298459.16	6.1062	A	0.7
5	<input type="checkbox"/>	6250.000	6456.289	107346059.5	12.1750	A	1.3
6	<input type="checkbox"/>	12500.000	12411.401	207366374.6	23.4048	A	0.6
7	<input type="checkbox"/>	25000.000	24974.260	410089393.8	47.0952	A	0.9
8	<input type="checkbox"/>			59405.02	0.0072	P	13.1

$$y = 0.0019 * x + 2.4896\text{E-}005$$

$$R = 0.9999$$

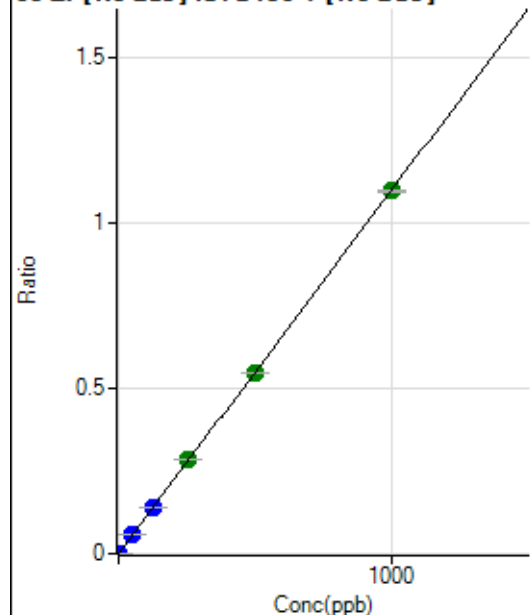
$$DL = 0.005059$$

$$BEC = 0.0132$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	356.67	0.0000	P	6.5
2	<input type="checkbox"/>	1.000	0.894	9706.61	0.0010	P	1.5
3	<input type="checkbox"/>	50.000	52.699	542789.37	0.0579	P	2.3
4	<input type="checkbox"/>	125.000	128.610	1302802.07	0.1413	P	1.0
5	<input type="checkbox"/>	250.000	258.639	2505190.31	0.2841	A	1.2
6	<input type="checkbox"/>	500.000	498.199	4848856.32	0.5473	A	0.4
7	<input type="checkbox"/>	1000.000	998.155	9547491.80	1.0964	A	0.7
8	<input type="checkbox"/>			4655.23	0.0006	P	4.2

$$y = 0.0011 * x + 3.7562E-005$$

$$R = 1.0000$$

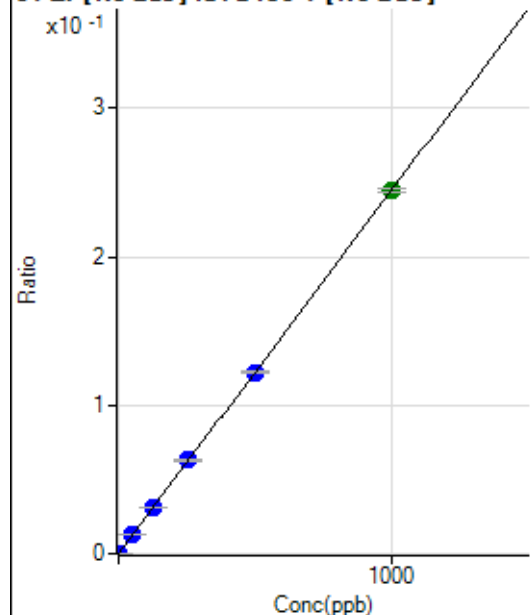
$$DL = 0.006636$$

$$BEC = 0.0342$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	80.00	0.0000	P	3.0
2	<input type="checkbox"/>	1.000	0.893	2161.30	0.0002	P	9.7
3	<input type="checkbox"/>	50.000	52.487	120477.95	0.0129	P	2.3
4	<input type="checkbox"/>	125.000	128.461	290011.90	0.0315	P	0.4
5	<input type="checkbox"/>	250.000	257.833	556564.35	0.0631	P	1.2
6	<input type="checkbox"/>	500.000	497.952	1080043.30	0.1219	P	0.9
7	<input type="checkbox"/>	1000.000	998.509	2128431.35	0.2444	A	1.0
8	<input type="checkbox"/>			1020.05	0.0001	P	4.8

$$y = 2.4479E-004 * x + 8.4212E-006$$

$$R = 1.0000$$

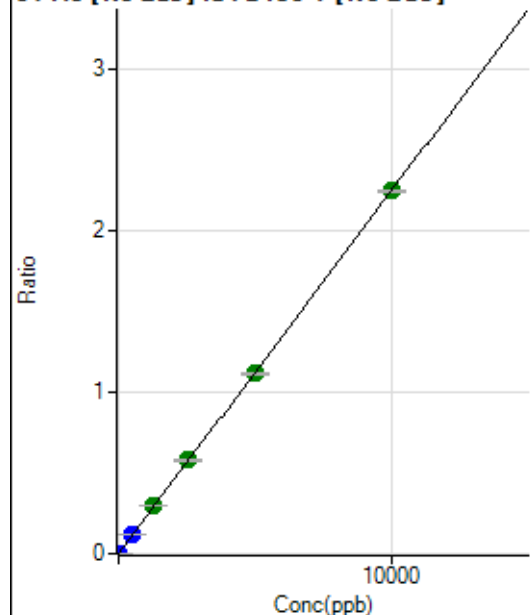
$$DL = 0.003094$$

$$BEC = 0.0344$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	112.22	0.0000	P	24.1
2	<input type="checkbox"/>	5.000	5.393	11639.15	0.0012	P	0.6
3	<input type="checkbox"/>	500.000	532.987	1121587.40	0.1197	P	2.0
4	<input type="checkbox"/>	1250.000	1309.266	2710502.18	0.2940	A	0.5
5	<input type="checkbox"/>	2500.000	2576.286	5100384.82	0.5785	A	1.6
6	<input type="checkbox"/>	5000.000	4956.307	9859755.76	1.1128	A	0.6
7	<input type="checkbox"/>	10000.000	9993.718	19539044.15	2.2439	A	0.9
8	<input type="checkbox"/>			5069.81	0.0006	P	11.4

$$y = 2.2453\text{E-}004 * x + 1.1816\text{E-}005$$

$$R = 0.9999$$

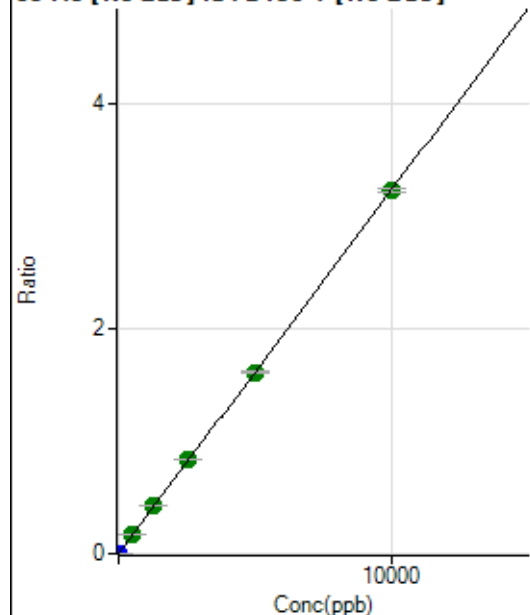
$$DL = 0.03807$$

$$BEC = 0.05263$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	27.78	0.0000	P	31.2
2	<input type="checkbox"/>	5.000	4.661	14368.24	0.0015	P	1.2
3	<input type="checkbox"/>	500.000	539.792	1634995.32	0.1745	A	2.3
4	<input type="checkbox"/>	1250.000	1304.454	3887538.55	0.4216	A	0.3
5	<input type="checkbox"/>	2500.000	2589.021	7378603.01	0.8368	A	1.2
6	<input type="checkbox"/>	5000.000	4985.169	14276482.01	1.6113	A	0.5
7	<input type="checkbox"/>	10000.000	9976.364	28078599.58	3.2246	A	1.1
8	<input type="checkbox"/>			5438.84	0.0007	P	11.4

$$y = 3.2323\text{E-}004 * x + 2.9302\text{E-}006$$

$$R = 0.9999$$

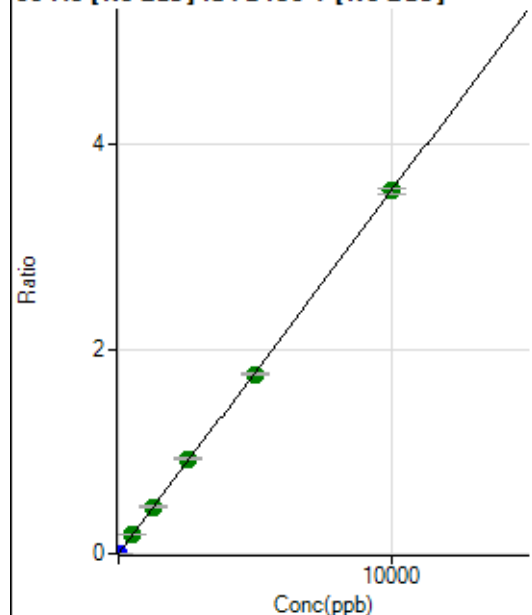
$$DL = 0.008485$$

$$BEC = 0.009066$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	62.22	0.0000	P	32.4
2	<input type="checkbox"/>	5.000	4.768	16167.90	0.0017	P	1.6
3	<input type="checkbox"/>	500.000	540.603	1797649.92	0.1918	A	2.2
4	<input type="checkbox"/>	1250.000	1295.617	4238913.20	0.4597	A	0.5
5	<input type="checkbox"/>	2500.000	2605.920	8152950.92	0.9247	A	1.5
6	<input type="checkbox"/>	5000.000	4941.430	15535029.91	1.7534	A	0.7
7	<input type="checkbox"/>	10000.000	9995.073	30882043.98	3.5466	A	1.3
8	<input type="checkbox"/>			12994.76	0.0016	P	6.5

$$y = 3.5484\text{E-}004 * x + 6.5491\text{E-}006$$

$$R = 0.9999$$

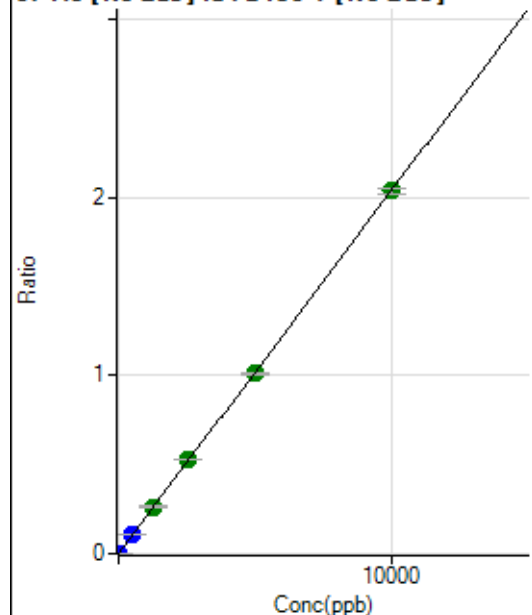
$$DL = 0.01794$$

$$BEC = 0.01846$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	15.56	0.0000	P	13.3
2	<input type="checkbox"/>	5.000	4.576	8901.66	0.0009	P	1.5
3	<input type="checkbox"/>	500.000	533.657	1020325.84	0.1089	P	1.9
4	<input type="checkbox"/>	1250.000	1296.422	2438626.22	0.2645	A	0.5
5	<input type="checkbox"/>	2500.000	2602.216	4681046.98	0.5309	A	1.0
6	<input type="checkbox"/>	5000.000	4955.502	8957335.77	1.0110	A	0.9
7	<input type="checkbox"/>	10000.000	9989.210	17745212.24	2.0380	A	1.5
8	<input type="checkbox"/>			3599.38	0.0004	P	17.0

$$y = 2.0402\text{E-}004 * x + 1.6394\text{E-}006$$

$$R = 0.9999$$

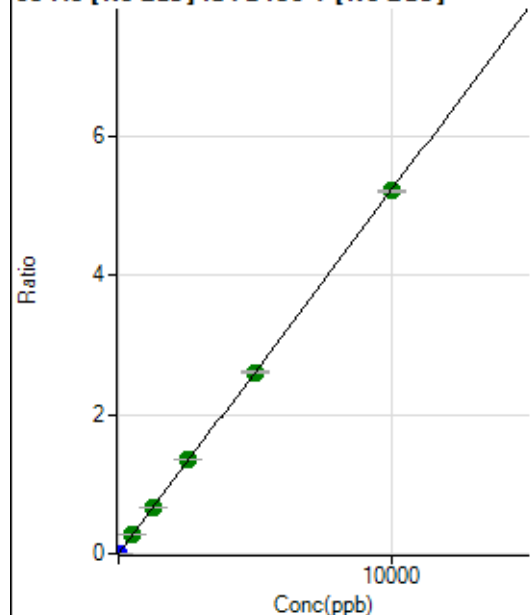
$$DL = 0.003198$$

$$BEC = 0.008035$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	22.22	0.0000	P	35.3
2	<input type="checkbox"/>	5.000	4.644	23125.05	0.0024	P	1.9
3	<input type="checkbox"/>	500.000	531.439	2602838.80	0.2777	A	2.0
4	<input type="checkbox"/>	1250.000	1287.356	6203221.36	0.6728	A	0.6
5	<input type="checkbox"/>	2500.000	2600.252	11982073.02	1.3589	A	1.0
6	<input type="checkbox"/>	5000.000	4981.918	23068054.65	2.6037	A	0.9
7	<input type="checkbox"/>	10000.000	9977.737	45407793.77	5.2146	A	0.7
8	<input type="checkbox"/>			8706.01	0.0011	P	11.7

$$y = 5.2262\text{E-}004 * x + 2.3451\text{E-}006$$

$$R = 0.9999$$

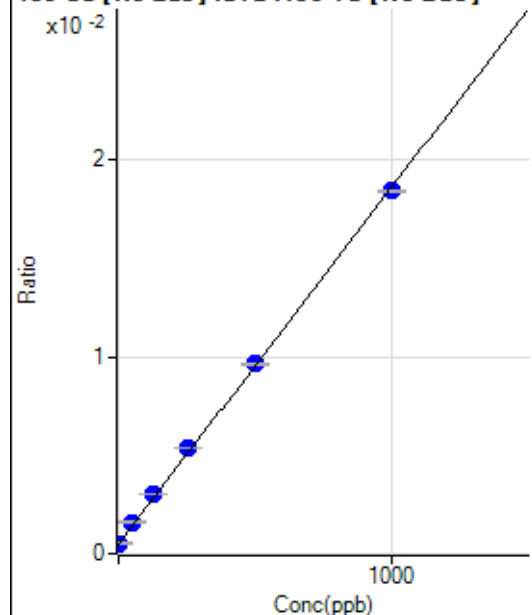
$$DL = 0.004756$$

$$BEC = 0.004487$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	4349.59	0.0005	P	3.5
2	<input type="checkbox"/>	1.000	1.815	4684.13	0.0005	P	4.0
3	<input type="checkbox"/>	50.000	59.877	13812.19	0.0016	P	4.0
4	<input type="checkbox"/>	125.000	140.396	26410.73	0.0030	P	0.5
5	<input type="checkbox"/>	250.000	269.788	46143.03	0.0054	P	1.0
6	<input type="checkbox"/>	500.000	504.413	84811.15	0.0096	P	0.9
7	<input type="checkbox"/>	1000.000	990.427	159157.30	0.0184	P	0.3
8	<input type="checkbox"/>			3869.44	0.0005	P	2.8

$$y = 1.8122\text{E-}005 * x + 4.9838\text{E-}004$$

$$R = 0.9997$$

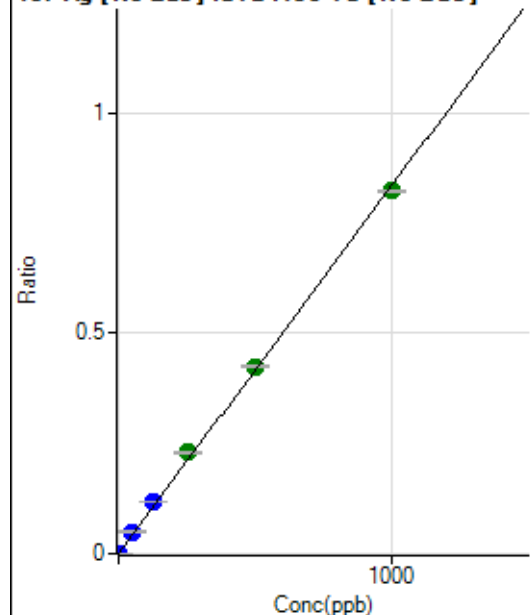
$$DL = 2.863$$

$$BEC = 27.5$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	58.89	0.0000	P	41.1
2	<input type="checkbox"/>	1.000	0.992	7346.37	0.0008	P	1.8
3	<input type="checkbox"/>	50.000	59.625	433690.62	0.0497	P	2.3
4	<input type="checkbox"/>	125.000	141.799	1026100.42	0.1182	P	0.9
5	<input type="checkbox"/>	250.000	275.907	1969681.04	0.2300	A	2.4
6	<input type="checkbox"/>	500.000	508.712	3731185.29	0.4241	A	1.3
7	<input type="checkbox"/>	1000.000	986.586	7095909.69	0.8224	A	0.6
8	<input type="checkbox"/>			1687.90	0.0002	P	5.5

$$y = 8.3362\text{E-}004 * x + 6.7275\text{E-}006$$

$$R = 0.9995$$

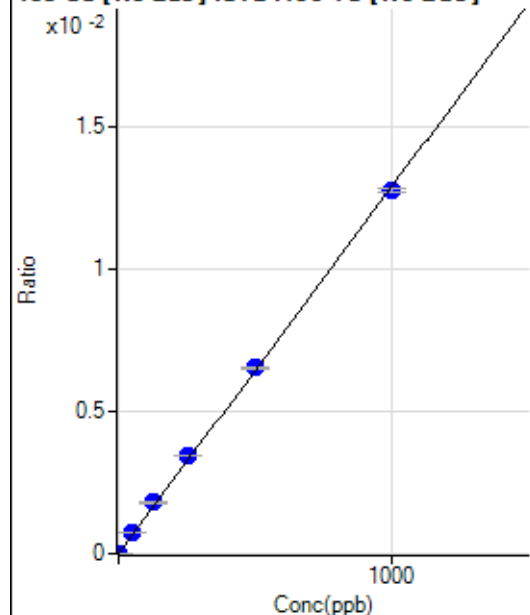
$$DL = 0.009945$$

$$BEC = 0.00807$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	14.44	0.0000	P	35.7
2	<input type="checkbox"/>	1.000	0.947	122.22	0.0000	P	18.5
3	<input type="checkbox"/>	50.000	57.151	6435.93	0.0007	P	2.9
4	<input type="checkbox"/>	125.000	138.962	15536.19	0.0018	P	2.3
5	<input type="checkbox"/>	250.000	267.866	29540.04	0.0034	P	1.0
6	<input type="checkbox"/>	500.000	507.663	57497.65	0.0065	P	0.9
7	<input type="checkbox"/>	1000.000	989.599	109892.12	0.0127	P	0.9
8	<input type="checkbox"/>			86.67	0.0000	P	0.9

$$y = 1.2869\text{E-}005 * x + 1.6581\text{E-}006$$

$$R = 0.9997$$

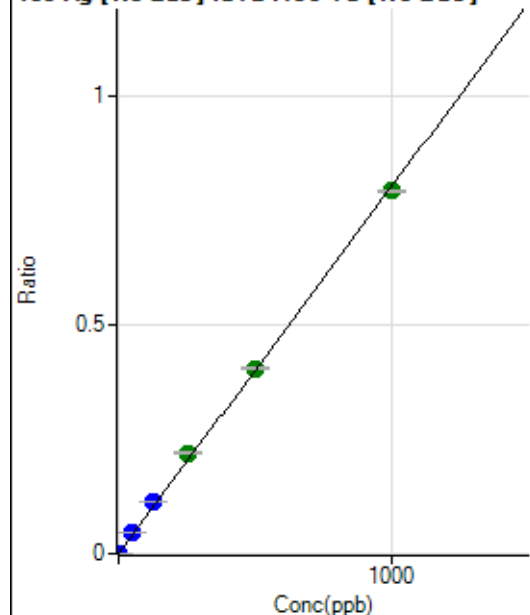
$$DL = 0.1378$$

$$BEC = 0.1288$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	20.00	0.0000	P	72.6
2	<input type="checkbox"/>	1.000	0.964	6824.99	0.0008	P	3.3
3	<input type="checkbox"/>	50.000	58.851	411088.40	0.0471	P	2.2
4	<input type="checkbox"/>	125.000	141.003	979953.63	0.1129	P	0.5
5	<input type="checkbox"/>	250.000	274.683	1883376.48	0.2199	A	2.3
6	<input type="checkbox"/>	500.000	505.504	3561188.35	0.4047	A	0.5
7	<input type="checkbox"/>	1000.000	988.635	6829246.91	0.7915	A	0.8
8	<input type="checkbox"/>			1674.56	0.0002	P	12.6

$$y = 8.0064\text{E-}004 * x + 2.2878\text{E-}006$$

$$R = 0.9996$$

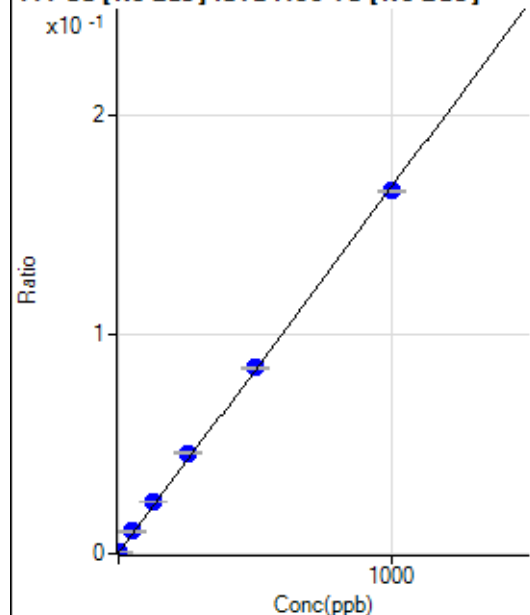
$$DL = 0.006226$$

$$BEC = 0.002857$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	3042.38	0.0003	P	3.7
2	<input type="checkbox"/>	1.000	1.150	4762.32	0.0005	P	2.2
3	<input type="checkbox"/>	50.000	58.599	88180.51	0.0101	P	2.9
4	<input type="checkbox"/>	125.000	140.418	206039.31	0.0237	P	0.5
5	<input type="checkbox"/>	250.000	272.177	391208.90	0.0457	P	2.2
6	<input type="checkbox"/>	500.000	505.237	743492.54	0.0845	P	0.7
7	<input type="checkbox"/>	1000.000	989.480	1424925.82	0.1652	P	0.7
8	<input type="checkbox"/>			3414.64	0.0004	P	2.1

$$y = 1.6656\text{E-}004 * x + 3.4860\text{E-}004$$

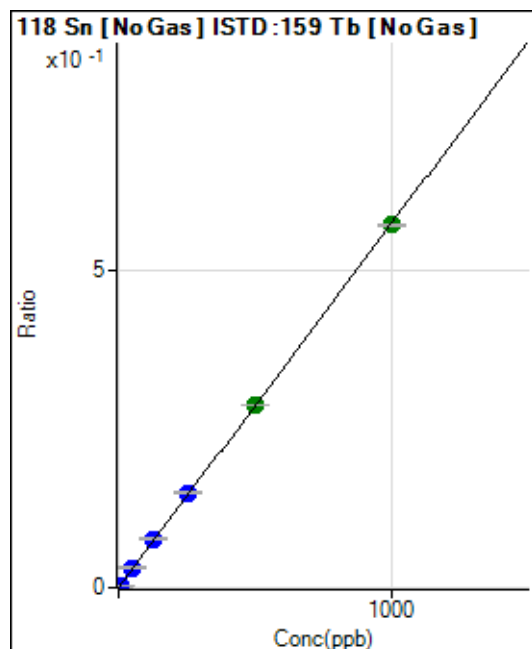
$$R = 0.9997$$

$$DL = 0.2354$$

$$BEC = 2.093$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	546.68	0.0001	P	14.6
2	<input type="checkbox"/>	5.000	4.849	25127.54	0.0029	P	1.7
3	<input type="checkbox"/>	50.000	54.917	275935.97	0.0316	P	2.3
4	<input type="checkbox"/>	125.000	133.767	667952.56	0.0770	P	1.2
5	<input type="checkbox"/>	250.000	260.273	1281880.38	0.1497	P	1.2
6	<input type="checkbox"/>	500.000	499.973	2529296.04	0.2875	A	0.1
7	<input type="checkbox"/>	1000.000	996.104	4940644.68	0.5726	A	0.3
8	<input type="checkbox"/>			3102.59	0.0004	P	2.3

$$y = 5.7481\text{E-}004 * x + 6.2750\text{E-}005$$

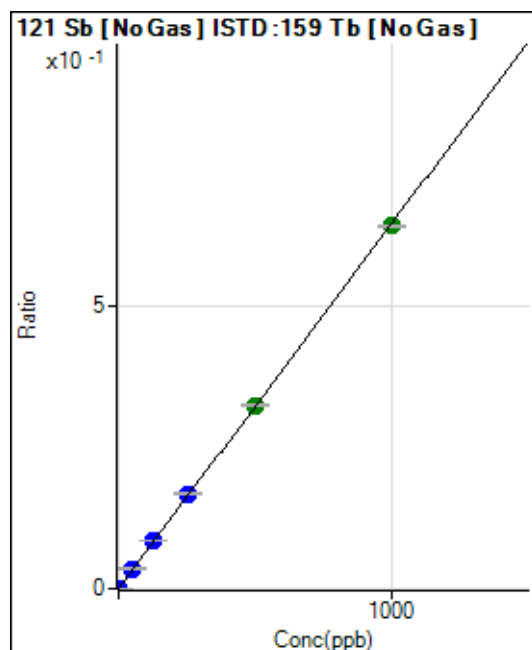
$$R = 0.9999$$

$$DL = 0.04788$$

$$BEC = 0.1092$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	37.78	0.0000	P	53.6
2	<input type="checkbox"/>	2.000	1.954	11161.08	0.0013	P	3.5
3	<input type="checkbox"/>	50.000	54.789	308697.21	0.0354	P	2.1
4	<input type="checkbox"/>	125.000	132.919	745085.75	0.0858	P	0.3
5	<input type="checkbox"/>	250.000	260.911	1443000.79	0.1685	P	1.4
6	<input type="checkbox"/>	500.000	502.886	2857124.99	0.3247	A	1.4
7	<input type="checkbox"/>	1000.000	994.600	5541422.42	0.6423	A	0.7
8	<input type="checkbox"/>			3252.63	0.0004	P	4.7

$$y = 6.4574\text{E-}004 * x + 4.3509\text{E-}006$$

$$R = 0.9999$$

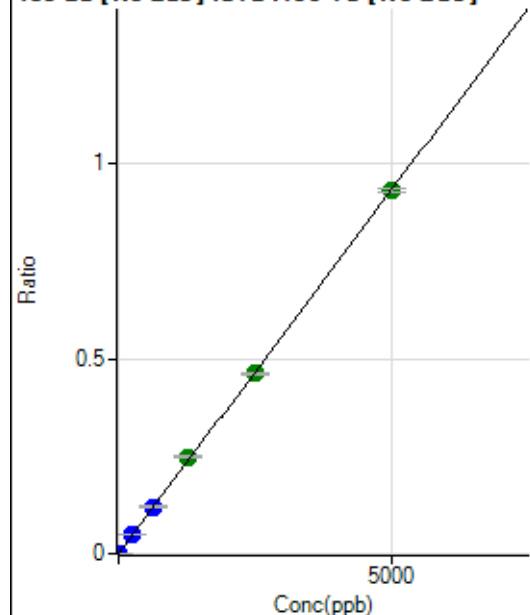
$$DL = 0.01083$$

$$BEC = 0.006738$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	20.00	0.0000	P	15.7
2	<input type="checkbox"/>	10.000	9.386	15469.60	0.0018	P	1.3
3	<input type="checkbox"/>	250.000	266.527	434109.72	0.0498	P	2.4
4	<input type="checkbox"/>	625.000	646.853	1048251.78	0.1208	P	0.8
5	<input type="checkbox"/>	1250.000	1328.145	2123583.37	0.2480	A	1.5
6	<input type="checkbox"/>	2500.000	2478.286	4071052.82	0.4627	A	0.8
7	<input type="checkbox"/>	5000.000	4987.764	8033957.03	0.9312	A	0.9
8	<input type="checkbox"/>			4339.58	0.0005	P	4.2

$$y = 1.8669\text{E-}004 * x + 2.2886\text{E-}006$$

$$R = 0.9999$$

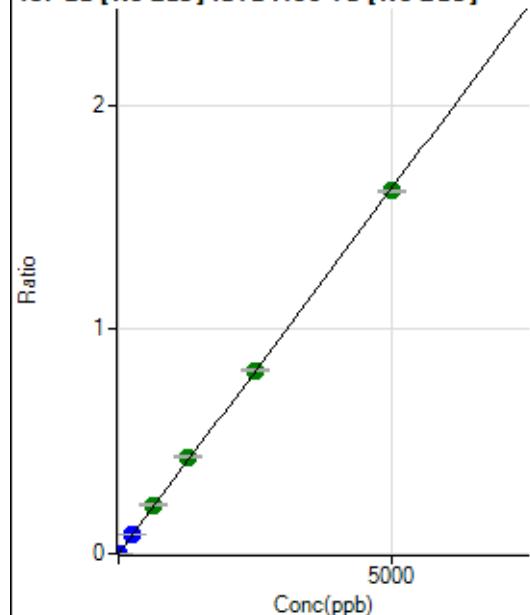
$$DL = 0.005761$$

$$BEC = 0.01226$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	36.67	0.0000	P	86.7
2	<input type="checkbox"/>	10.000	9.363	26897.64	0.0031	P	2.4
3	<input type="checkbox"/>	250.000	265.499	753739.36	0.0864	P	2.4
4	<input type="checkbox"/>	625.000	670.446	1893798.36	0.2182	A	0.9
5	<input type="checkbox"/>	1250.000	1323.847	3689704.46	0.4308	A	1.0
6	<input type="checkbox"/>	2500.000	2511.921	7191928.43	0.8174	A	1.0
7	<input type="checkbox"/>	5000.000	4969.124	13951502.01	1.6170	A	0.3
8	<input type="checkbox"/>			7381.97	0.0009	P	3.3

$$y = 3.2541\text{E-}004 * x + 4.1965\text{E-}006$$

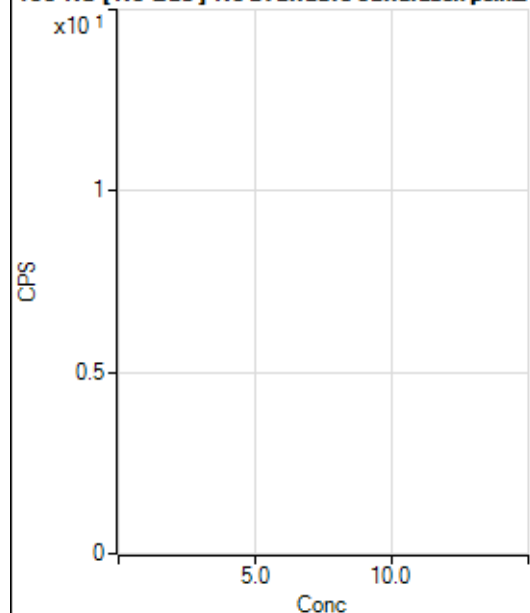
$$R = 0.9999$$

$$DL = 0.03354$$

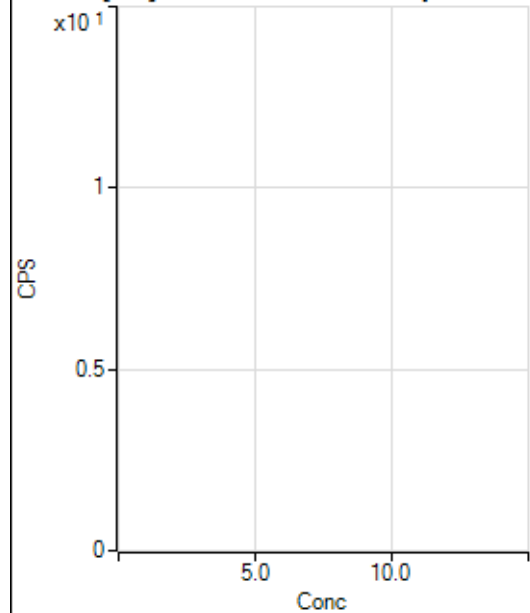
$$BEC = 0.0129$$

Weight: <None>

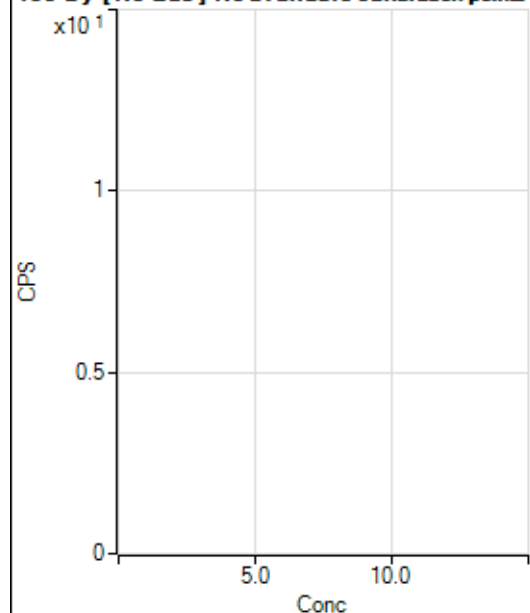
Min Conc: 0

150 Nd [No Gas] No available calibration points

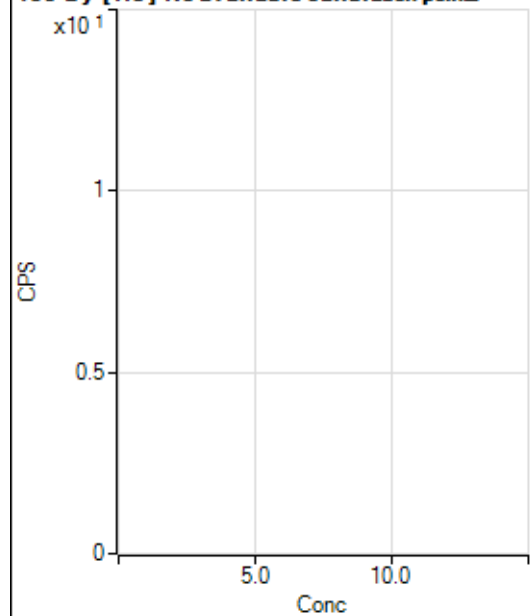
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			4.44		P	114.
2	<input type="checkbox"/>			2.22		P	173.
3	<input type="checkbox"/>			71.11		P	18.9
4	<input type="checkbox"/>			150.00		P	5.9
5	<input type="checkbox"/>			323.34		P	6.3
6	<input type="checkbox"/>			556.68		P	2.4
7	<input type="checkbox"/>			1237.85		P	4.1
8	<input type="checkbox"/>			230.00		P	8.1

150 Nd [He] No available calibration points

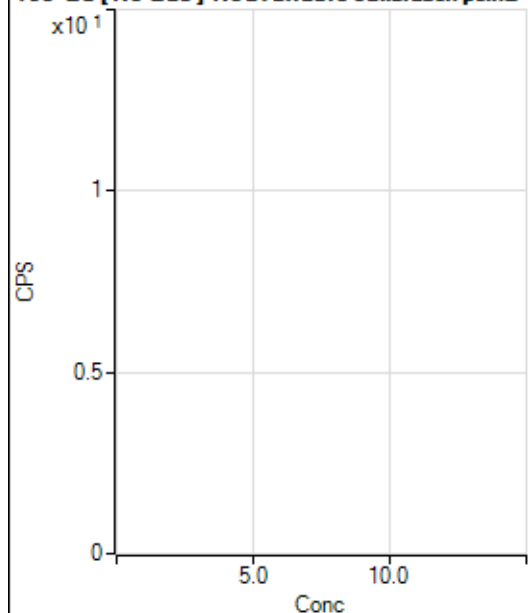
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			2.22		P	86.6
2	<input type="checkbox"/>			1.11		P	173.
3	<input type="checkbox"/>			6.67		P	86.6
4	<input type="checkbox"/>			35.56		P	14.3
5	<input type="checkbox"/>			50.00		P	41.6
6	<input type="checkbox"/>			111.11		P	6.9
7	<input type="checkbox"/>			263.34		P	3.8
8	<input type="checkbox"/>			127.78		P	13.1

156 Dy [No Gas] No available calibration points

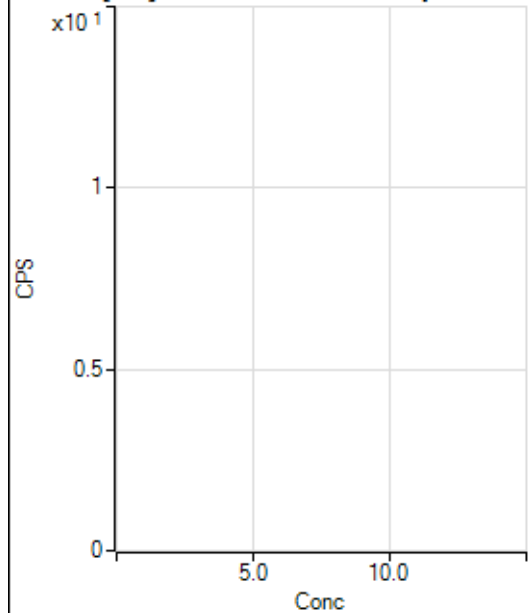
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			5.56		P	34.7
2	<input type="checkbox"/>			7.78		P	24.7
3	<input type="checkbox"/>			35.56		P	28.6
4	<input type="checkbox"/>			83.33		P	4.0
5	<input type="checkbox"/>			142.22		P	14.9
6	<input type="checkbox"/>			263.34		P	8.3
7	<input type="checkbox"/>			473.35		P	9.7
8	<input type="checkbox"/>			1331.19		P	2.8

156 Dy [He] No available calibration points

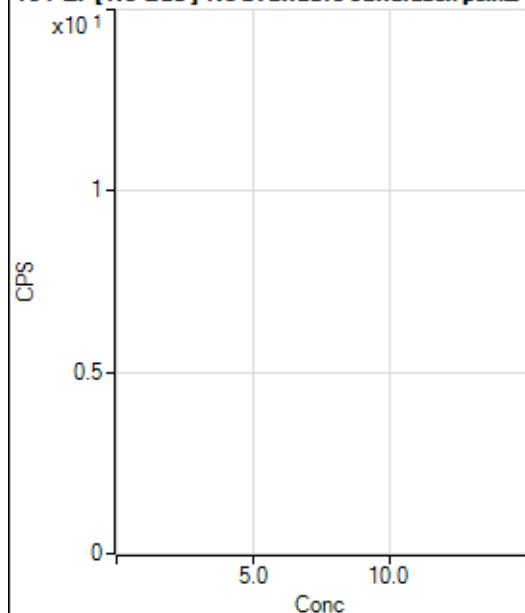
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			1.11		P	173.
2	<input type="checkbox"/>			7.78		P	65.5
3	<input type="checkbox"/>			25.56		P	37.7
4	<input type="checkbox"/>			81.11		P	27.4
5	<input type="checkbox"/>			134.45		P	16.5
6	<input type="checkbox"/>			230.00		P	8.7
7	<input type="checkbox"/>			532.24		P	1.0
8	<input type="checkbox"/>			846.70		P	3.5

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

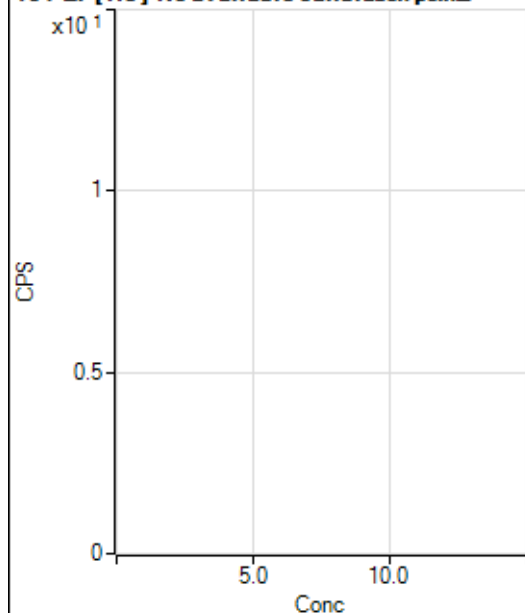
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			46.67		P	14.3
2	<input type="checkbox"/>			35.56		P	14.3
3	<input type="checkbox"/>			43.33		P	33.5
4	<input type="checkbox"/>			78.89		P	17.6
5	<input type="checkbox"/>			127.78		P	9.2
6	<input type="checkbox"/>			188.89		P	19.0
7	<input type="checkbox"/>			412.23		P	6.6
8	<input type="checkbox"/>			1436.76		P	5.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			248.89		P	5.4
2	<input type="checkbox"/>			306.67		P	7.8
3	<input type="checkbox"/>			305.57		P	7.7
4	<input type="checkbox"/>			290.01		P	6.4
5	<input type="checkbox"/>			325.56		P	10.4
6	<input type="checkbox"/>			363.34		P	1.8
7	<input type="checkbox"/>			490.02		P	4.7
8	<input type="checkbox"/>			1207.84		P	7.2

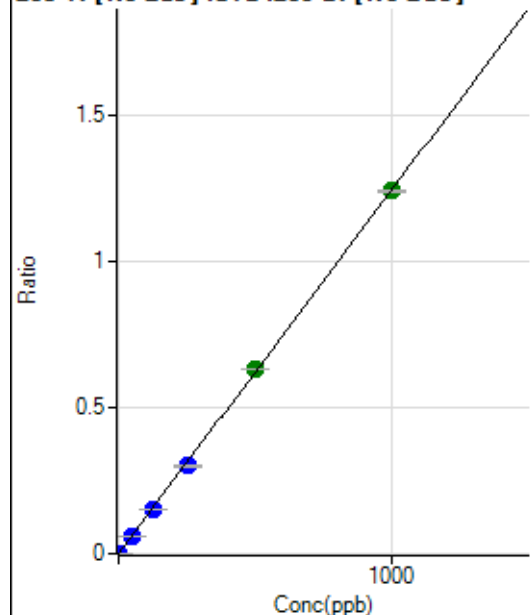
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			74.44		P	6.8
2	<input type="checkbox"/>			72.22		P	14.8
3	<input type="checkbox"/>			58.89		P	23.6
4	<input type="checkbox"/>			55.55		P	12.5
5	<input type="checkbox"/>			76.67		P	19.0
6	<input type="checkbox"/>			114.45		P	6.1
7	<input type="checkbox"/>			172.22		P	16.9
8	<input type="checkbox"/>			197.78		P	2.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			43.33		P	NaN
2	<input type="checkbox"/>			26.66		P	21.7
3	<input type="checkbox"/>			32.22		P	39.2
4	<input type="checkbox"/>			46.67		P	7.1
5	<input type="checkbox"/>			48.89		P	20.8
6	<input type="checkbox"/>			54.44		P	31.4
7	<input type="checkbox"/>			92.22		P	11.0
8	<input type="checkbox"/>			134.45		P	12.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	68.89	0.0000	P	3.2
2	<input type="checkbox"/>	1.000	0.865	5642.33	0.0011	P	2.0
3	<input type="checkbox"/>	50.000	48.979	312012.57	0.0610	P	1.6
4	<input type="checkbox"/>	125.000	119.662	758714.68	0.1491	P	0.9
5	<input type="checkbox"/>	250.000	241.155	1504080.97	0.3004	P	1.4
6	<input type="checkbox"/>	500.000	509.061	3187987.35	0.6342	A	0.0
7	<input type="checkbox"/>	1000.000	998.400	6101805.19	1.2438	A	0.7
8	<input type="checkbox"/>			1015.61	0.0002	P	15.1

$$y = 0.0012 * x + 1.3629E-005$$

R = 0.9999

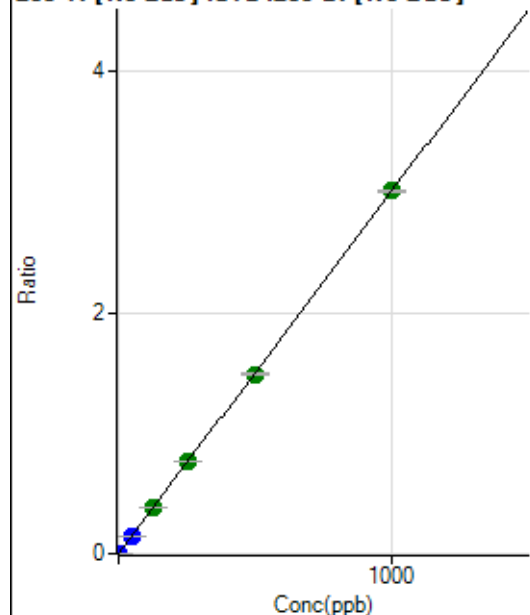
DL = 0.00104

BEC = 0.01094

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	166.67	0.0000	P	30.5
2	<input type="checkbox"/>	1.000	0.850	13358.86	0.0026	P	1.2
3	<input type="checkbox"/>	50.000	48.454	744195.76	0.1456	P	1.5
4	<input type="checkbox"/>	125.000	125.788	1922865.70	0.3778	A	1.1
5	<input type="checkbox"/>	250.000	252.803	3801872.58	0.7593	A	0.2
6	<input type="checkbox"/>	500.000	495.789	7485796.42	1.4891	A	0.4
7	<input type="checkbox"/>	1000.000	1001.383	14755393.11	3.0076	A	0.5
8	<input type="checkbox"/>			2465.81	0.0006	P	18.2

$$y = 0.0030 * x + 3.3035E-005$$

R = 1.0000

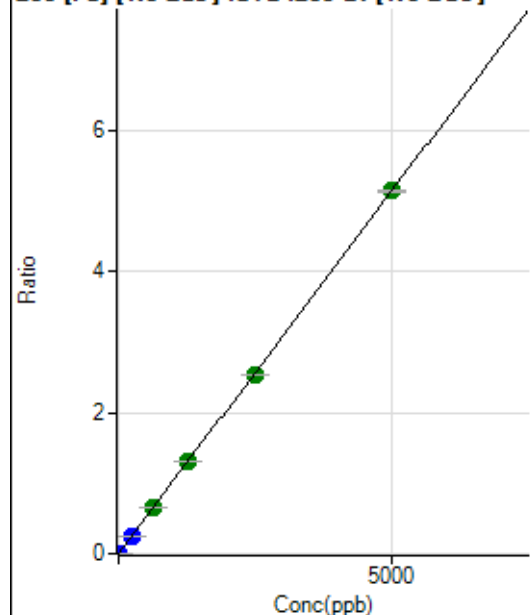
DL = 0.01007

BEC = 0.011

Weight: <None>

Min Conc: 0

206 [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	173.34	0.0000	P	13.8
2	<input type="checkbox"/>	1.000	0.844	4656.40	0.0009	P	3.5
3	<input type="checkbox"/>	250.000	245.529	1289817.62	0.2523	P	1.4
4	<input type="checkbox"/>	625.000	633.395	3311950.96	0.6508	A	0.6
5	<input type="checkbox"/>	1250.000	1270.660	6536188.93	1.3055	A	0.6
6	<input type="checkbox"/>	2500.000	2474.950	12782222.59	2.5427	A	0.2
7	<input type="checkbox"/>	5000.000	5006.535	25234030.18	5.1435	A	0.3
8	<input type="checkbox"/>			10190.55	0.0024	P	4.3

$$y = 0.0010 * x + 3.4356E-005$$

$$R = 1.0000$$

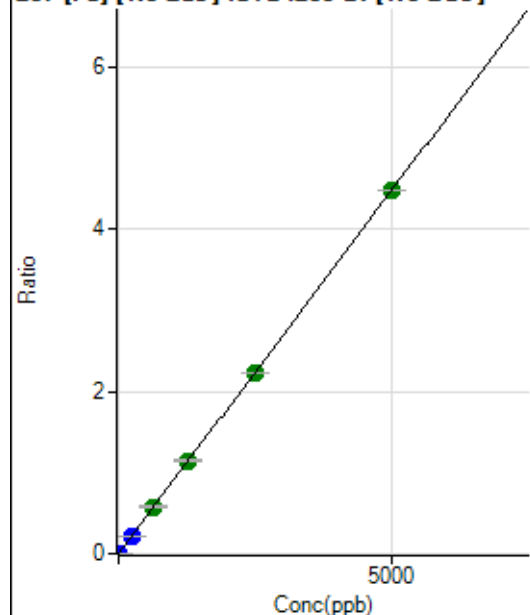
$$DL = 0.01384$$

$$BEC = 0.03344$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	130.00	0.0000	P	20.8
2	<input type="checkbox"/>	1.000	0.860	4108.45	0.0008	P	4.3
3	<input type="checkbox"/>	250.000	244.378	1117686.93	0.2186	P	1.0
4	<input type="checkbox"/>	625.000	644.907	2935612.49	0.5768	A	1.7
5	<input type="checkbox"/>	1250.000	1278.026	5722776.86	1.1431	A	1.7
6	<input type="checkbox"/>	2500.000	2488.100	11187240.25	2.2254	A	0.4
7	<input type="checkbox"/>	5000.000	4996.736	21925778.29	4.4692	A	0.2
8	<input type="checkbox"/>			8713.97	0.0021	P	3.8

$$y = 8.9442E-004 * x + 2.5729E-005$$

$$R = 1.0000$$

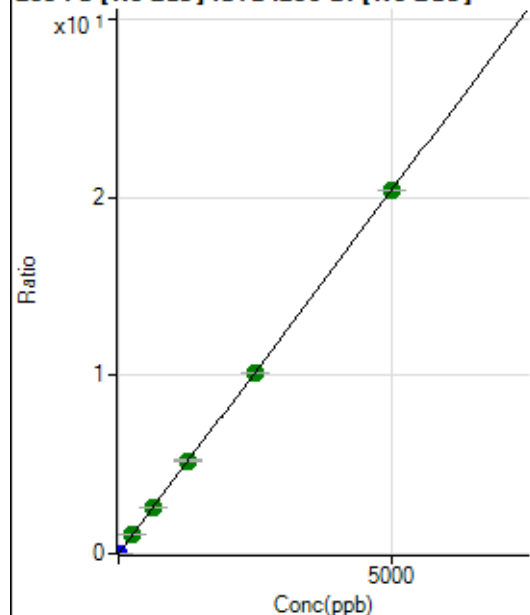
$$DL = 0.01799$$

$$BEC = 0.02877$$

Weight: <None>

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	648.90	0.0001	P	12.4
2	<input type="checkbox"/>	1.000	0.862	18847.57	0.0036	P	2.2
3	<input type="checkbox"/>	250.000	255.001	5322543.49	1.0410	A	1.1
4	<input type="checkbox"/>	625.000	640.573	13307766.82	2.6149	A	1.1
5	<input type="checkbox"/>	1250.000	1279.743	26153945.31	5.2239	A	1.1
6	<input type="checkbox"/>	2500.000	2494.669	51190781.60	10.1831	A	0.2
7	<input type="checkbox"/>	5000.000	4993.033	99989545.46	20.3812	A	0.0
8	<input type="checkbox"/>			40531.82	0.0096	P	4.4

$$y = 0.0041 * x + 1.2842E-004$$

$$R = 1.0000$$

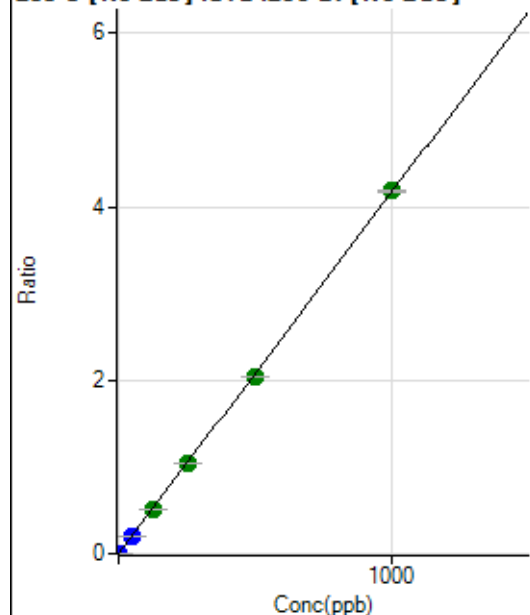
$$DL = 0.01175$$

$$BEC = 0.03146$$

Weight: <None>

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	17.78	0.0000	P	108.
2	<input type="checkbox"/>	1.000	0.811	17474.87	0.0034	P	2.1
3	<input type="checkbox"/>	50.000	46.095	981418.07	0.1919	P	1.2
4	<input type="checkbox"/>	125.000	123.795	2623424.72	0.5155	A	1.6
5	<input type="checkbox"/>	250.000	251.342	5240338.19	1.0466	A	0.5
6	<input type="checkbox"/>	500.000	490.784	10273681.58	2.0437	A	0.1
7	<input type="checkbox"/>	1000.000	1004.618	20523514.97	4.1833	A	0.7
8	<input type="checkbox"/>			6213.72	0.0015	P	2.6

$$y = 0.0042 * x + 3.5346E-006$$

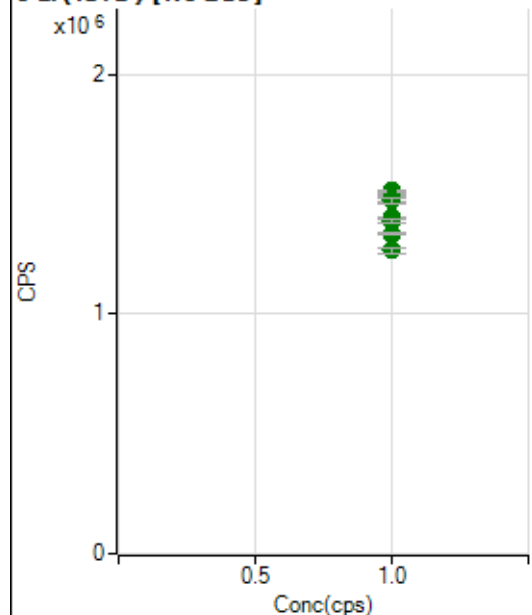
$$R = 0.9999$$

$$DL = 0.00277$$

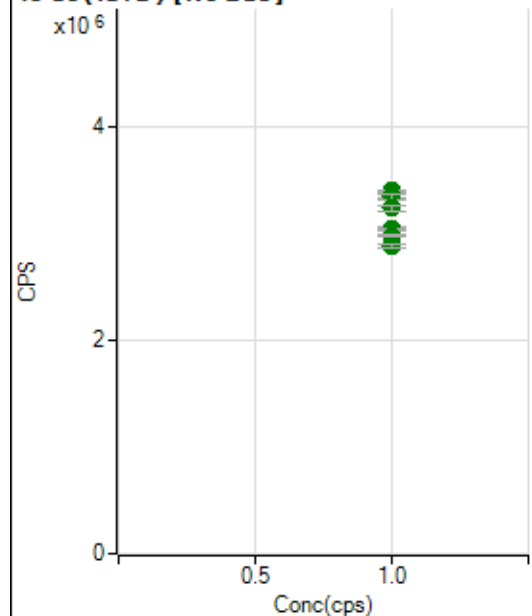
$$BEC = 0.0008488$$

Weight: <None>

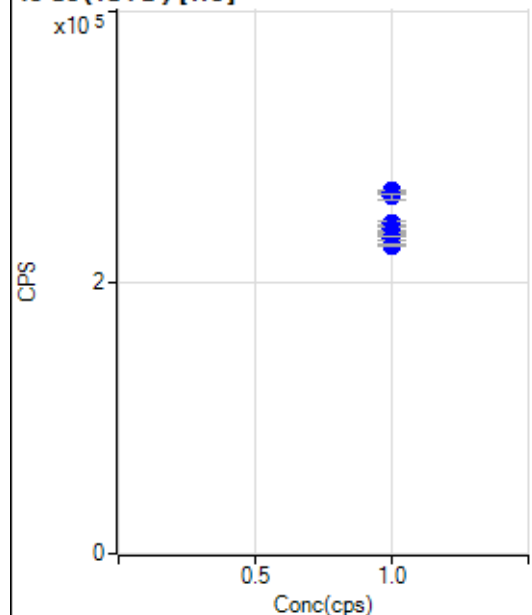
Min Conc: 0

6 Li (ISTD) [No Gas]

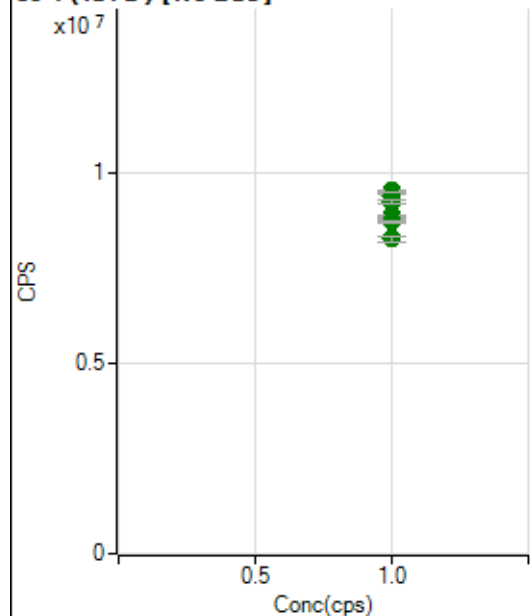
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1498185.00		A	0.6
2	<input type="checkbox"/>	1.000		1514309.60		A	0.6
3	<input type="checkbox"/>	1.000		1488046.00		A	2.4
4	<input type="checkbox"/>	1.000		1475003.48		A	1.5
5	<input type="checkbox"/>	1.000		1402330.45		A	0.3
6	<input type="checkbox"/>	1.000		1385830.88		A	1.2
7	<input type="checkbox"/>	1.000		1334946.53		A	0.4
8	<input type="checkbox"/>	1.000		1265264.42		A	1.7

45 Sc (ISTD) [No Gas]

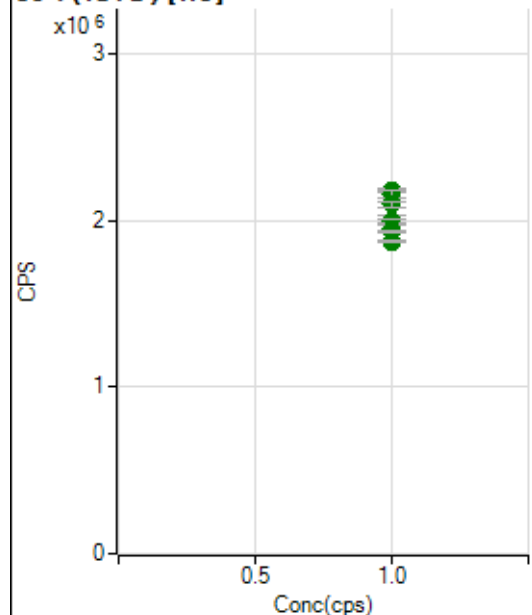
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3373459.40		A	2.3
2	<input type="checkbox"/>	1.000		3398058.63		A	0.6
3	<input type="checkbox"/>	1.000		3343712.31		A	1.4
4	<input type="checkbox"/>	1.000		3237831.90		A	1.6
5	<input type="checkbox"/>	1.000		3051072.07		A	0.9
6	<input type="checkbox"/>	1.000		3033012.63		A	0.2
7	<input type="checkbox"/>	1.000		2977825.44		A	1.0
8	<input type="checkbox"/>	1.000		2880007.73		A	1.4

45 Sc (ISTD) [He]

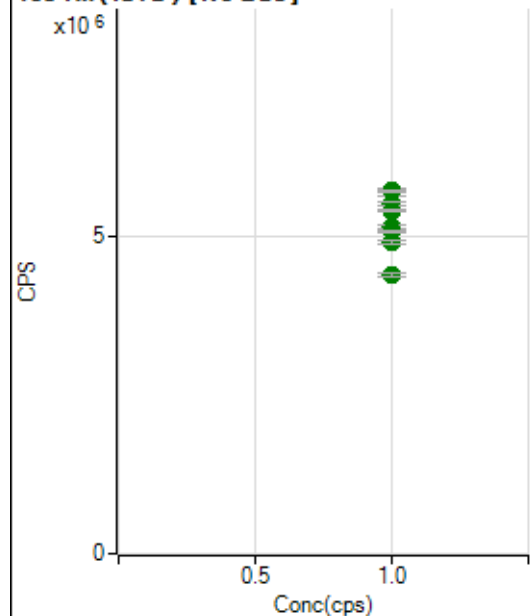
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		267256.76		P	0.7
2	<input type="checkbox"/>	1.000		266775.42		P	1.2
3	<input type="checkbox"/>	1.000		262988.14		P	1.6
4	<input type="checkbox"/>	1.000		243951.19		P	1.4
5	<input type="checkbox"/>	1.000		239732.32		P	1.3
6	<input type="checkbox"/>	1.000		235996.02		P	0.6
7	<input type="checkbox"/>	1.000		232009.13		P	1.0
8	<input type="checkbox"/>	1.000		227267.45		P	0.7

89 Y (ISTD) [No Gas]

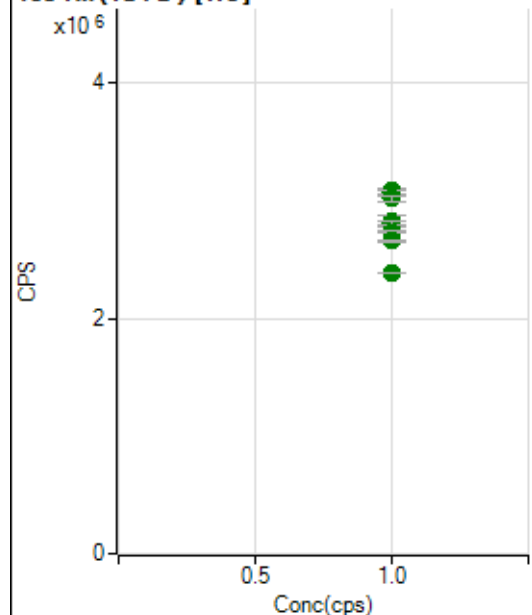
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		9497604.86		A	1.2
2	<input type="checkbox"/>	1.000		9519036.45		A	0.7
3	<input type="checkbox"/>	1.000		9374426.94		A	2.5
4	<input type="checkbox"/>	1.000		9220307.71		A	0.9
5	<input type="checkbox"/>	1.000		8817740.77		A	1.1
6	<input type="checkbox"/>	1.000		8860261.88		A	0.8
7	<input type="checkbox"/>	1.000		8708202.16		A	1.0
8	<input type="checkbox"/>	1.000		8259908.07		A	1.8

89 Y(ISTD) [He]

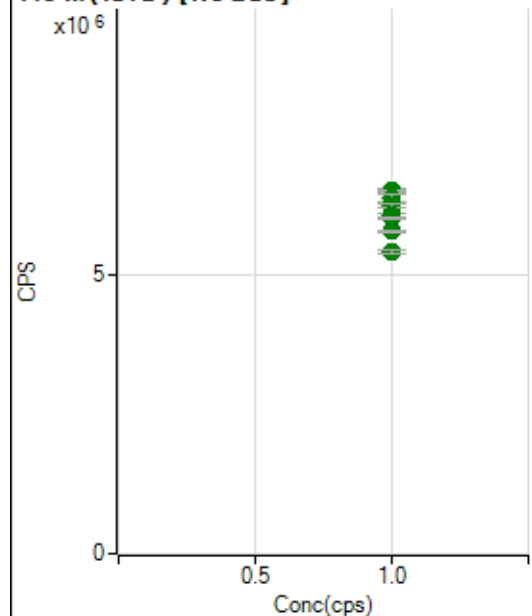
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2177172.59		A	0.9
2	<input type="checkbox"/>	1.000		2155299.74		A	2.3
3	<input type="checkbox"/>	1.000		2097926.57		A	1.7
4	<input type="checkbox"/>	1.000		1998900.34		A	2.7
5	<input type="checkbox"/>	1.000		1996353.42		A	1.4
6	<input type="checkbox"/>	1.000		1952961.93		A	1.8
7	<input type="checkbox"/>	1.000		1938311.71		A	0.6
8	<input type="checkbox"/>	1.000		1872814.23		A	0.8

103 Rh(ISTD) [No Gas]

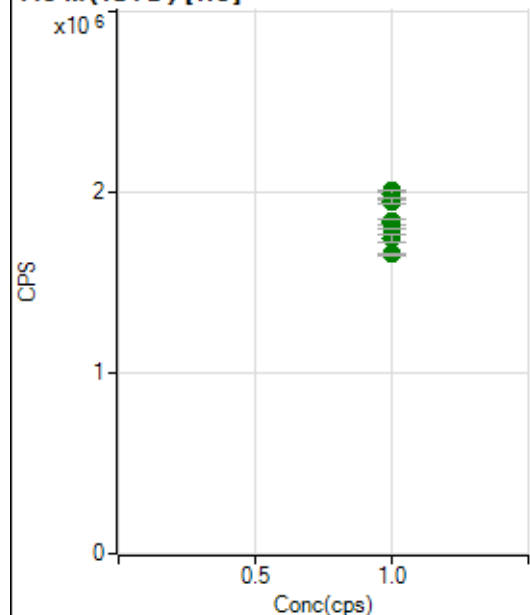
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5704084.15		A	2.3
2	<input type="checkbox"/>	1.000		5717318.87		A	0.2
3	<input type="checkbox"/>	1.000		5524803.53		A	1.2
4	<input type="checkbox"/>	1.000		5407246.17		A	0.2
5	<input type="checkbox"/>	1.000		5142989.16		A	1.2
6	<input type="checkbox"/>	1.000		5078359.30		A	0.5
7	<input type="checkbox"/>	1.000		4906219.40		A	0.8
8	<input type="checkbox"/>	1.000		4392700.63		A	1.2

103 Rh (ISTD) [He]

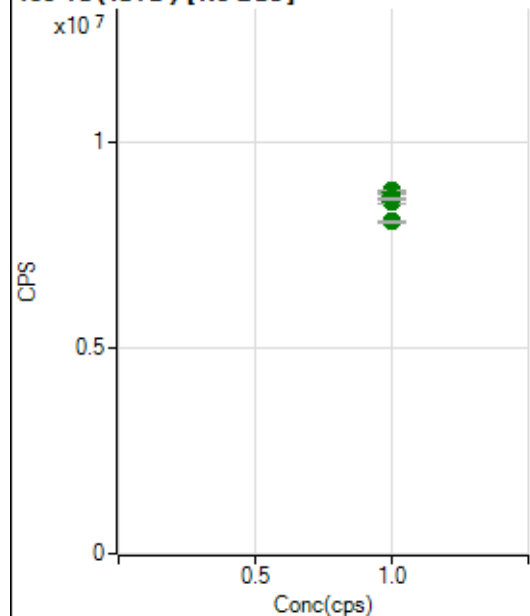
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3083726.69		A	1.3
2	<input type="checkbox"/>	1.000		3065134.85		A	2.1
3	<input type="checkbox"/>	1.000		3018202.04		A	1.7
4	<input type="checkbox"/>	1.000		2826359.12		A	3.0
5	<input type="checkbox"/>	1.000		2811574.47		A	1.2
6	<input type="checkbox"/>	1.000		2733861.87		A	0.8
7	<input type="checkbox"/>	1.000		2656775.01		A	1.1
8	<input type="checkbox"/>	1.000		2389219.60		A	0.4

115 In (ISTD) [No Gas]

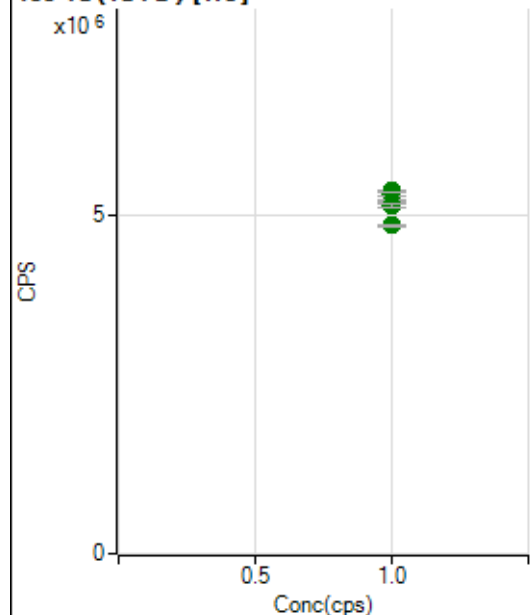
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6493780.37		A	1.6
2	<input type="checkbox"/>	1.000		6488184.03		A	0.2
3	<input type="checkbox"/>	1.000		6358957.09		A	2.0
4	<input type="checkbox"/>	1.000		6239898.06		A	1.3
5	<input type="checkbox"/>	1.000		6055175.65		A	1.3
6	<input type="checkbox"/>	1.000		6015007.03		A	0.3
7	<input type="checkbox"/>	1.000		5777209.95		A	0.7
8	<input type="checkbox"/>	1.000		5393749.53		A	1.3

115 In (ISTD) [He]

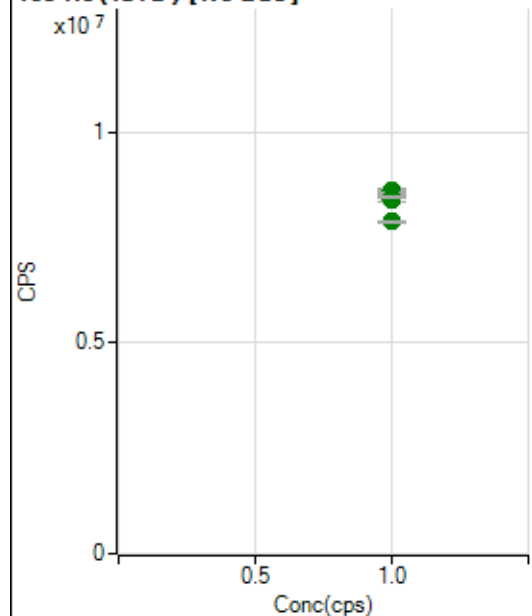
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2003564.91		A	0.3
2	<input type="checkbox"/>	1.000		1981501.60		A	2.3
3	<input type="checkbox"/>	1.000		1946826.00		A	1.8
4	<input type="checkbox"/>	1.000		1830687.84		A	1.7
5	<input type="checkbox"/>	1.000		1833887.03		A	1.6
6	<input type="checkbox"/>	1.000		1793067.50		A	0.3
7	<input type="checkbox"/>	1.000		1742677.94		A	2.0
8	<input type="checkbox"/>	1.000		1651554.20		A	0.6

159 Tb (ISTD) [No Gas]

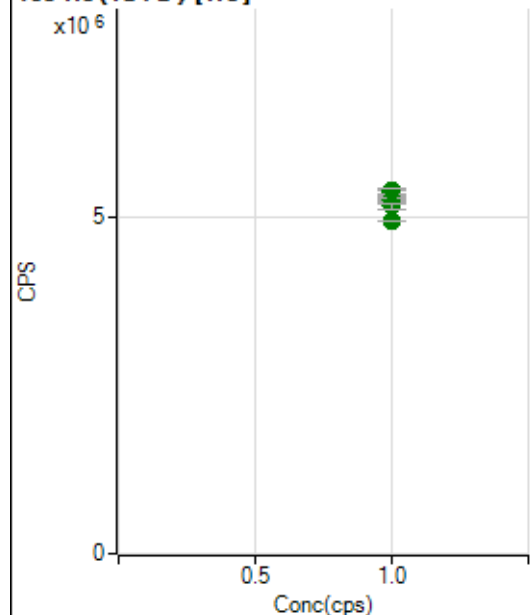
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8729671.33		A	2.5
2	<input type="checkbox"/>	1.000		8816521.05		A	0.7
3	<input type="checkbox"/>	1.000		8727067.58		A	2.3
4	<input type="checkbox"/>	1.000		8680462.93		A	0.8
5	<input type="checkbox"/>	1.000		8565741.82		A	1.6
6	<input type="checkbox"/>	1.000		8799089.87		A	1.1
7	<input type="checkbox"/>	1.000		8628125.22		A	0.8
8	<input type="checkbox"/>	1.000		8064965.57		A	0.9

159 Tb (ISTD) [He]

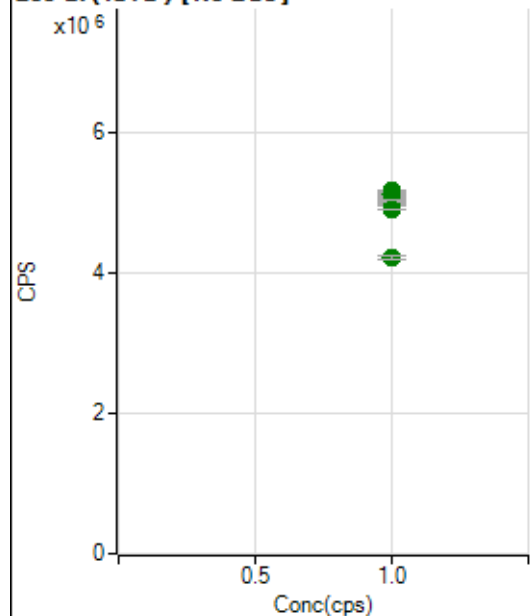
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5371110.69		A	0.5
2	<input type="checkbox"/>	1.000		5302856.38		A	2.4
3	<input type="checkbox"/>	1.000		5321370.48		A	1.3
4	<input type="checkbox"/>	1.000		5197373.36		A	1.0
5	<input type="checkbox"/>	1.000		5223110.34		A	0.4
6	<input type="checkbox"/>	1.000		5180736.97		A	2.0
7	<input type="checkbox"/>	1.000		5150368.33		A	1.4
8	<input type="checkbox"/>	1.000		4862980.00		A	0.7

165 Ho (ISTD) [No Gas]

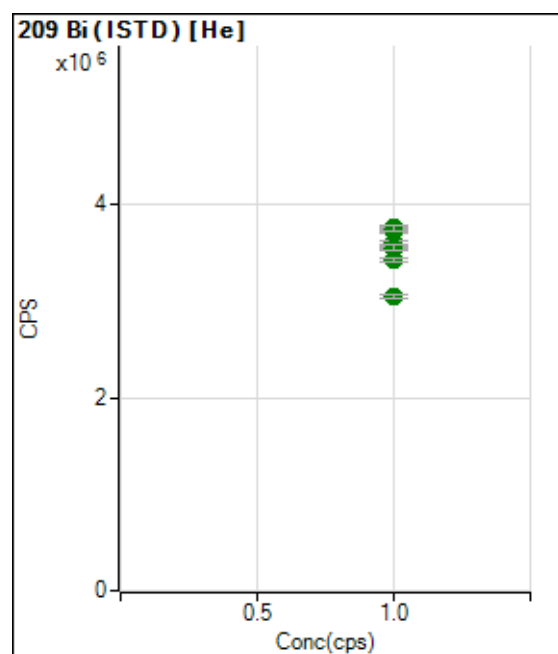
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8542212.72		A	2.0
2	<input type="checkbox"/>	1.000		8607814.94		A	1.4
3	<input type="checkbox"/>	1.000		8506723.76		A	1.9
4	<input type="checkbox"/>	1.000		8516465.01		A	0.8
5	<input type="checkbox"/>	1.000		8393083.00		A	1.6
6	<input type="checkbox"/>	1.000		8584856.68		A	0.4
7	<input type="checkbox"/>	1.000		8458284.67		A	0.7
8	<input type="checkbox"/>	1.000		7876367.59		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5360782.35		A	0.7
2	<input type="checkbox"/>	1.000		5376013.77		A	2.2
3	<input type="checkbox"/>	1.000		5383867.80		A	1.6
4	<input type="checkbox"/>	1.000		5178590.96		A	2.6
5	<input type="checkbox"/>	1.000		5271370.62		A	2.6
6	<input type="checkbox"/>	1.000		5249867.46		A	1.2
7	<input type="checkbox"/>	1.000		5158917.94		A	1.5
8	<input type="checkbox"/>	1.000		4941472.67		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5056157.43		A	2.4
2	<input type="checkbox"/>	1.000		5168264.64		A	0.4
3	<input type="checkbox"/>	1.000		5113397.39		A	1.6
4	<input type="checkbox"/>	1.000		5089519.02		A	0.8
5	<input type="checkbox"/>	1.000		5007103.50		A	1.5
6	<input type="checkbox"/>	1.000		5027041.38		A	0.8
7	<input type="checkbox"/>	1.000		4905964.06		A	0.3
8	<input type="checkbox"/>	1.000		4225134.21		A	1.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3760610.36		A	0.7
2	<input type="checkbox"/>	1.000		3735101.85		A	1.2
3	<input type="checkbox"/>	1.000		3753895.12		A	1.3
4	<input type="checkbox"/>	1.000		3579962.24		A	2.3
5	<input type="checkbox"/>	1.000		3607108.00		A	1.6
6	<input type="checkbox"/>	1.000		3556777.65		A	1.6
7	<input type="checkbox"/>	1.000		3425551.06		A	1.5
8	<input type="checkbox"/>	1.000		3045489.29		A	1.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7102023 MS.b
Acq. Date-Time 2023-10-20 17:24:48
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		7365	73647.81			1.353	5.000
24		56205	562047.56			1.849	5.000
25		7236	72360.25			1.928	5.000
26		8048	80475.88			1.771	5.000
59		62364	623638.50			1.509	5.000
113		9612	96115.25			1.692	5.000
115		116088	1160876.07			1.698	5.000
206		26317	263166.40			1.504	5.000
207		24174	241743.64			1.887	5.000
208		57290	572904.54			1.585	5.000
220		0	1.80			46.481	

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

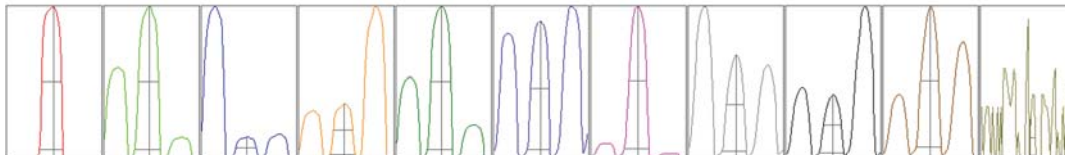
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7303	7408	7253	7349	7511
24	55081	56491	55343	56427	57682
25	7082	7226	7156	7263	7453
26	7884	8104	7930	8081	8238
59	61541	62979	61314	62447	63538
113	9483	9724	9433	9596	9822
115	114327	117572	114358	115474	118707
206	26059	26481	25933	26185	26924
207	23833	24441	23712	24065	24822
208	56417	57656	56482	57283	58614

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	12160.78	9.00	8.90 - 9.10	
24	91222.29	23.95	23.90 - 24.10	
25	11825.45	24.95	24.90 - 25.10	
26	13611.09	25.95	25.90 - 26.10	
59	101467.28	58.95	58.90 - 59.10	
113	17322.73	113.00	112.90 - 113.10	
115	212496.47	115.00	114.90 - 115.10	
206	49192.04	206.05	205.90 - 206.10	
207	44006.92	207.00	206.90 - 207.10	
208	105864.10	208.00	207.90 - 208.10	
220	0.15	220.10	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.739	0.900	
24	0.65	0.804	0.900	
25	0.63	0.785	0.900	
26	0.61	0.783	0.900	
59	0.64	0.794	0.900	
113	0.56	0.734	0.900	
115	0.55	0.787	0.900	
206	0.55	0.774	0.900	
207	0.55	0.784	0.900	
208	0.56	0.800	0.900	
220	0.16	0.196		

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	14.8 V
Extract 2	-115.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 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	131	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.10		

Hardware Settings

Torch

Torch H	-1.0 mm	Torch V	1.0 mm
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EM

Discriminator	4.8 mV	Analog HV	2297 V	Pulse HV	1372 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		18842	188421.34			1.562	
89		25201	252007.31			1.437	
205		27836	278362.60			1.136	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	19033	18415	19161	18695	18906
89	25370	24634	25617	25170	25212
205	28060	27454	28250	27719	27699

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	8.7 V	Deflect	2.0 V
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US EPA Tune Check Report

Extract 2	-115.0 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	0.9976	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.10		

Hardware Settings

Torch

Torch H	-1.0 mm	Torch V	1.0 mm
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EM

Discriminator	4.8 mV	Analog HV	2297 V	Pulse HV	1372 V
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