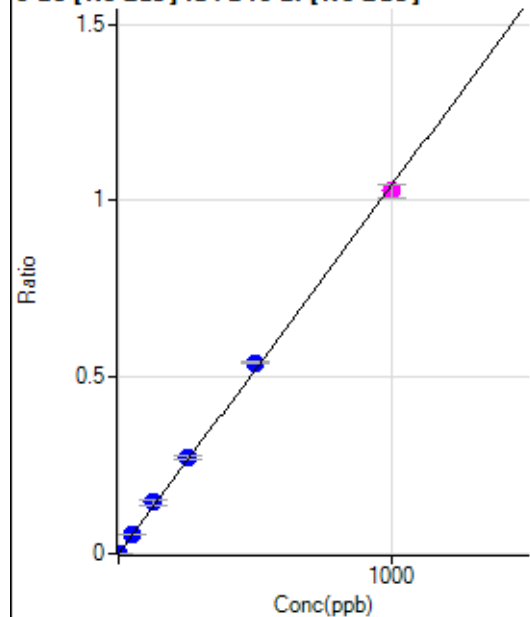


Calibration for 014CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7101024-MS1.b\
 Analysis File: P7101024-MS1.batch.bin
 DA Date-Time: 2024-10-11 22:36:24
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	010CALB.d	S00	2024-10-10 11:13:25
2	011CALS.d	S02	2024-10-10 11:16:46
3	012CALS.d	S03	2024-10-10 11:20:08
4	013CALS.d	S04	2024-10-10 11:23:20
5	014CALS.d	S05	2024-10-10 11:26:21
6	015CALS.d	S06	2024-10-10 11:29:14
7	016CALS.d	S07	2024-10-10 11:32:06
8	017CALS.d	S08	2024-10-10 11:34:51

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	57.78	0.0001	P	31.7
2	<input type="checkbox"/>	1.000	0.969	1112.27	0.0011	P	2.4
3	<input type="checkbox"/>	50.000	53.233	57709.95	0.0555	P	3.0
4	<input type="checkbox"/>	125.000	140.224	144405.20	0.1462	P	10.0
5	<input type="checkbox"/>	250.000	260.814	275793.64	0.2718	P	2.9
6	<input type="checkbox"/>	500.000	518.679	533517.00	0.5405	P	0.8
7	<input type="checkbox"/>	1000.000	985.892	1036669.73	1.0273	M	3.6
8	<input type="checkbox"/>			357.79	0.0004	P	5.6

$$y = 0.0010 * x + 5.7517E-005$$

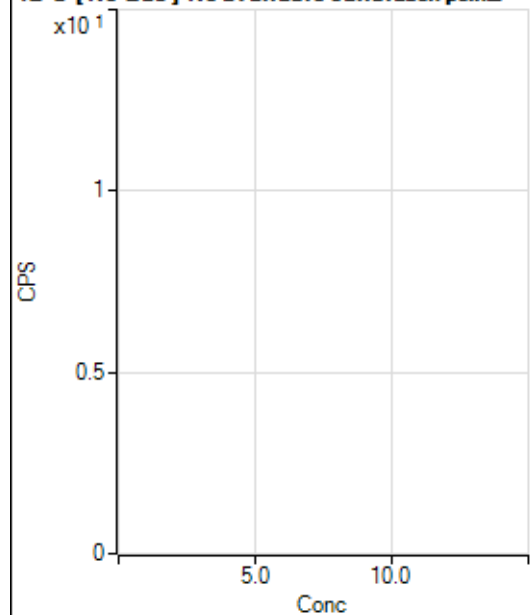
$$R = 0.9996$$

$$DL = 0.05246$$

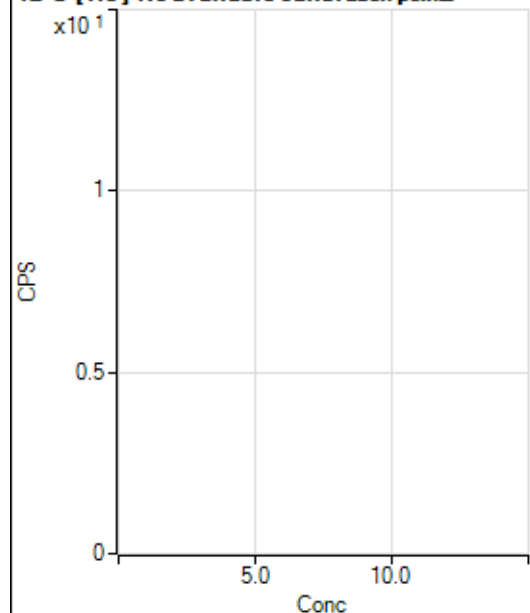
$$BEC = 0.0552$$

Weight: <None>

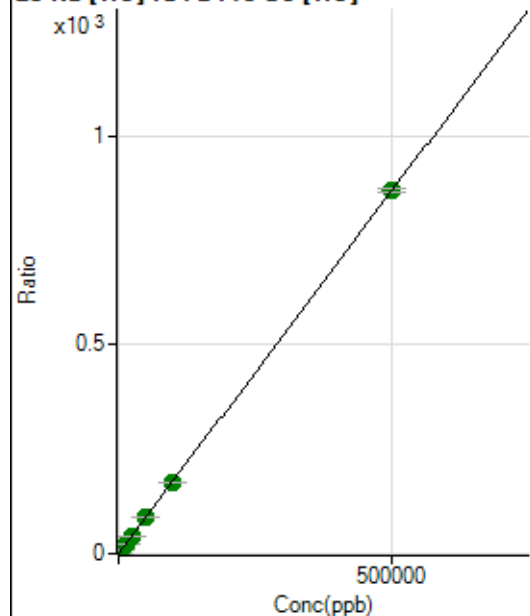
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j 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	8883.74	0.0490	P	2.3
2	<input type="checkbox"/>	500.000	493.767	164965.18	0.9066	P	1.0
3	<input type="checkbox"/>	5000.000	4760.030	1516604.11	8.3162	A	0.3
4	<input type="checkbox"/>	12500.000	12187.618	3802641.57	21.2164	A	1.0
5	<input type="checkbox"/>	25000.000	24367.723	7357896.42	42.3707	A	1.0
6	<input type="checkbox"/>	50000.000	49426.754	14477563.67	85.8931	A	0.3
7	<input type="checkbox"/>	100000.00	98411.080	30068531.77	170.9688	A	0.2
8	<input type="checkbox"/>	500000.00	500416.93	150947896.6	869.1704	A	1.2

$$y = 0.0017 * x + 0.0490$$

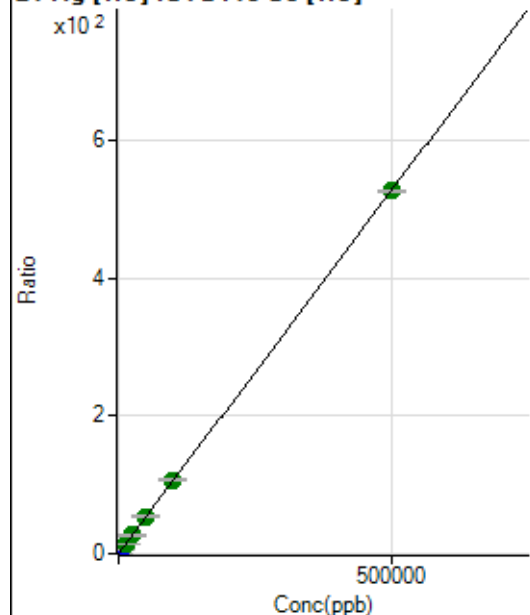
$$R = 1.0000$$

$$DL = 1.94$$

$$BEC = 28.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	1779.01	0.0098	P	5.4
2	<input type="checkbox"/>	500.000	512.734	100227.86	0.5508	P	0.6
3	<input type="checkbox"/>	5000.000	5126.207	988115.27	5.4184	P	0.5
4	<input type="checkbox"/>	12500.000	12747.482	2412380.30	13.4594	A	0.7
5	<input type="checkbox"/>	25000.000	25320.475	4640873.79	26.7249	A	2.0
6	<input type="checkbox"/>	50000.000	51523.011	9164166.53	54.3706	A	0.5
7	<input type="checkbox"/>	100000.00	101879.27	18906127.77	107.5004	A	0.2
8	<input type="checkbox"/>	500000.00	499448.35	91520633.08	526.9670	A	0.7

$$y = 0.0011 * x + 0.0098$$

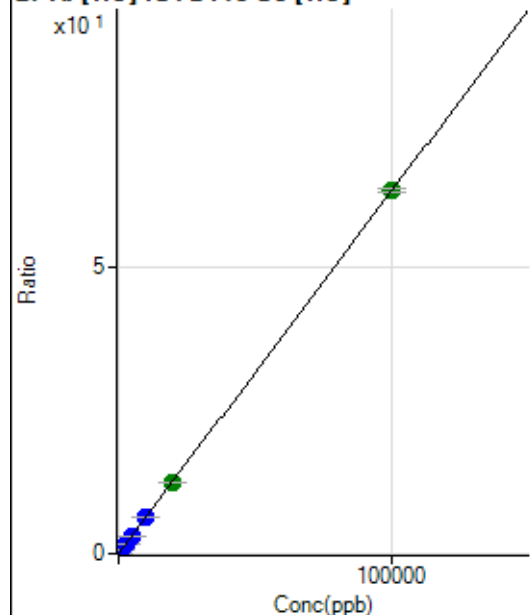
$$R = 1.0000$$

$$DL = 1.498$$

$$BEC = 9.297$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	140.00	0.0008	P	10.7
2	<input type="checkbox"/>	20.000	18.415	2264.64	0.0124	P	3.9
3	<input type="checkbox"/>	1000.000	984.940	114004.71	0.6251	P	0.3
4	<input type="checkbox"/>	2500.000	2470.396	280826.76	1.5668	P	0.5
5	<input type="checkbox"/>	5000.000	4943.406	544322.42	3.1345	P	0.6
6	<input type="checkbox"/>	10000.000	10112.229	1080572.42	6.4111	P	0.8
7	<input type="checkbox"/>	20000.000	19601.923	2185534.64	12.4268	A	0.8
8	<input type="checkbox"/>	100000.00	100072.11	11017352.20	63.4384	A	1.2

$$y = 6.3392E-004 * x + 7.7205E-004$$

$$R = 1.0000$$

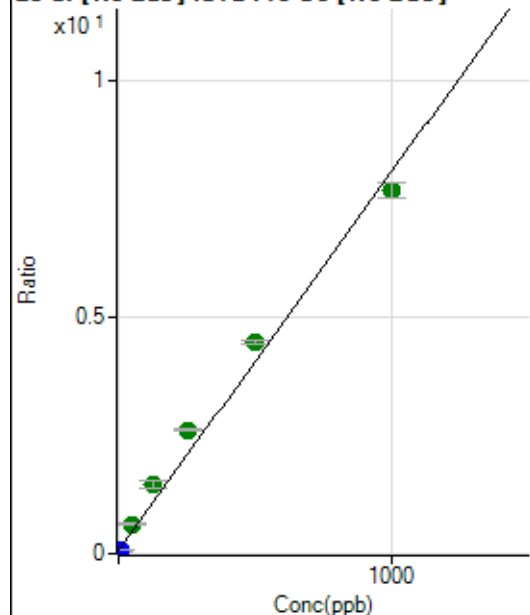
$$DL = 0.3892$$

$$BEC = 1.218$$

Weight: <None>

Min Conc: 0

28 Si [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	140480.06	0.0610	P	3.5
2	<input type="checkbox"/>	10.000	0.699	155858.62	0.0666	P	0.3
3	<input type="checkbox"/>	50.000	70.670	1446524.82	0.6273	A	1.3
4	<input type="checkbox"/>	125.000	175.095	3226912.80	1.4640	A	10.2
5	<input type="checkbox"/>	250.000	319.832	5728138.18	2.6237	A	0.8
6	<input type="checkbox"/>	500.000	549.925	9515492.57	4.4673	A	1.9
7	<input type="checkbox"/>	1000.000	950.377	17020208.77	7.6759	A	4.2
8	<input type="checkbox"/>			450929.12	0.2055	P	14.9

$$y = 0.0080 * x + 0.0610$$

$$R = 0.9940$$

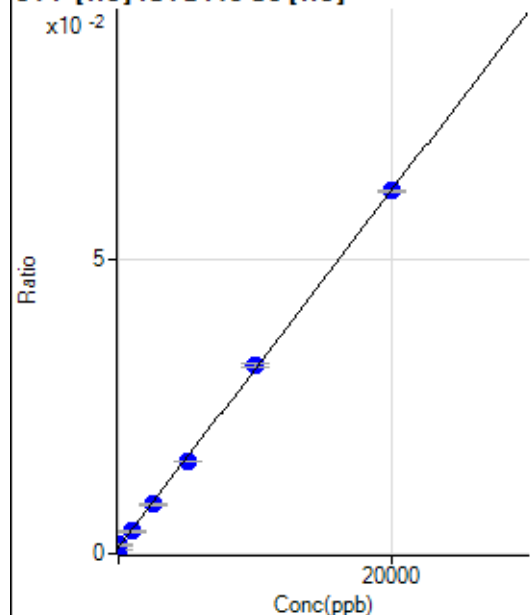
$$DL = 0.8057$$

$$BEC = 7.618$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	-137.511	120.00	0.0007	P	19.8
2	<input type="checkbox"/>	0.000	137.511	272.23	0.0015	P	3.6
3	<input type="checkbox"/>	1000.000	887.147	687.80	0.0038	P	0.8
4	<input type="checkbox"/>	2500.000	2436.820	1518.98	0.0085	P	4.2
5	<input type="checkbox"/>	5000.000	4824.483	2730.27	0.0157	P	1.7
6	<input type="checkbox"/>	10000.000	10172.381	5385.44	0.0320	P	2.2
7	<input type="checkbox"/>	20000.000	19971.229	10850.59	0.0617	P	0.8
8	<input type="checkbox"/>			127.78	0.0007	P	13.0

$$y = 3.0352E-006 * x + 0.0011$$

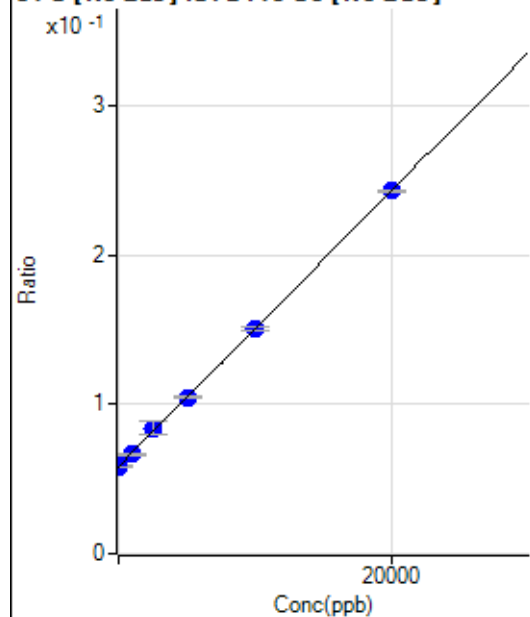
$$R = 0.9998$$

$$DL = 91.6$$

$$BEC = 355.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	60.837	136135.34	0.0591	P	2.4
2	<input type="checkbox"/>	0.000	-60.837	135669.42	0.0580	P	1.6
3	<input type="checkbox"/>	1000.000	854.896	153330.39	0.0665	P	1.4
4	<input type="checkbox"/>	2500.000	2796.645	186126.17	0.0845	P	10.4
5	<input type="checkbox"/>	5000.000	5015.341	229200.91	0.1050	P	1.4
6	<input type="checkbox"/>	10000.000	10000.276	321910.71	0.1511	P	1.2
7	<input type="checkbox"/>	20000.000	19966.201	539560.45	0.2433	P	0.8
8	<input type="checkbox"/>			124299.40	0.0566	P	1.0

$$y = 9.2541\text{E-}006 * x + 0.0586$$

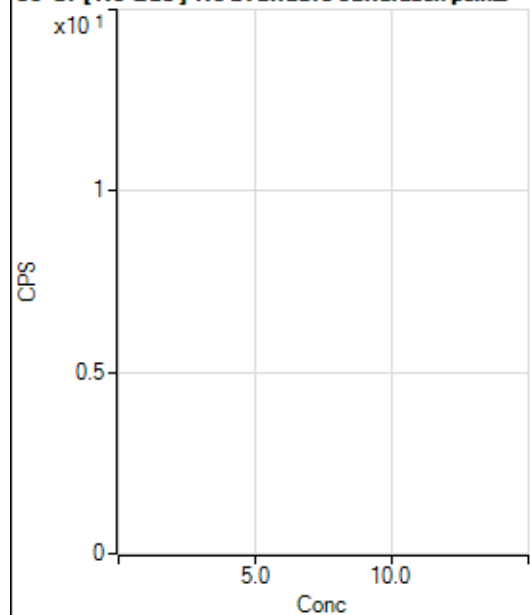
R = 0.9998

DL = 379.5

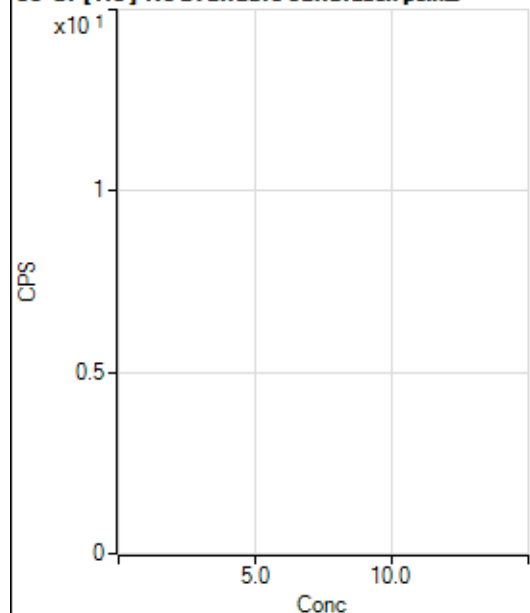
BEC = 6330

Weight: <None>

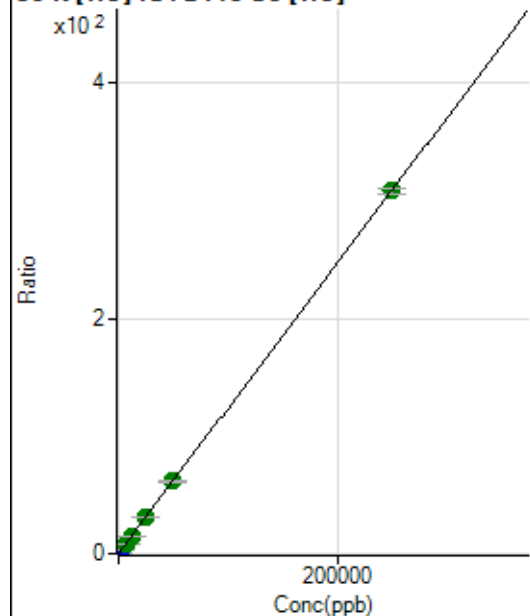
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j 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	30195.55	0.1665	P	1.3
2	<input type="checkbox"/>	500.000	506.257	143935.87	0.7910	P	1.4
3	<input type="checkbox"/>	2500.000	2614.604	618550.97	3.3918	P	0.2
4	<input type="checkbox"/>	6250.000	6262.479	1414475.95	7.8917	A	1.2
5	<input type="checkbox"/>	12500.000	12385.214	2682024.91	15.4445	A	0.8
6	<input type="checkbox"/>	25000.000	24915.849	5208514.71	30.9020	A	0.6
7	<input type="checkbox"/>	50000.000	49675.474	10806503.31	61.4448	A	0.5
8	<input type="checkbox"/>	250000.00	250077.58	53603855.31	308.6553	A	1.2

$$y = 0.0012 * x + 0.1665$$

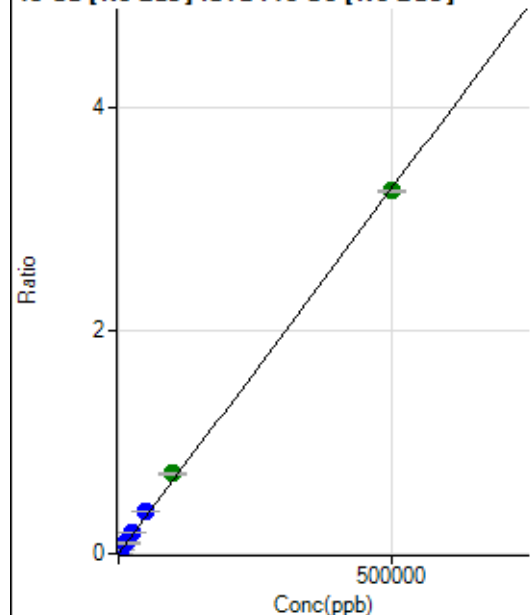
$$R = 1.0000$$

$$DL = 5.258$$

$$BEC = 135$$

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	176.67	0.0001	P	14.2
2	<input type="checkbox"/>	500.000	496.469	7779.86	0.0033	P	2.1
3	<input type="checkbox"/>	5000.000	5677.407	85873.24	0.0372	P	1.1
4	<input type="checkbox"/>	12500.000	14906.191	215159.80	0.0976	P	10.6
5	<input type="checkbox"/>	25000.000	28621.280	409110.40	0.1874	P	1.8
6	<input type="checkbox"/>	50000.000	56937.784	794041.42	0.3728	P	0.8
7	<input type="checkbox"/>	100000.00	110323.03	1601160.24	0.7222	A	2.3
8	<input type="checkbox"/>	500000.00	496993.62	7145794.96	3.2531	A	0.8

$$y = 6.5454\text{E-}006 * x + 7.6793\text{E-}005$$

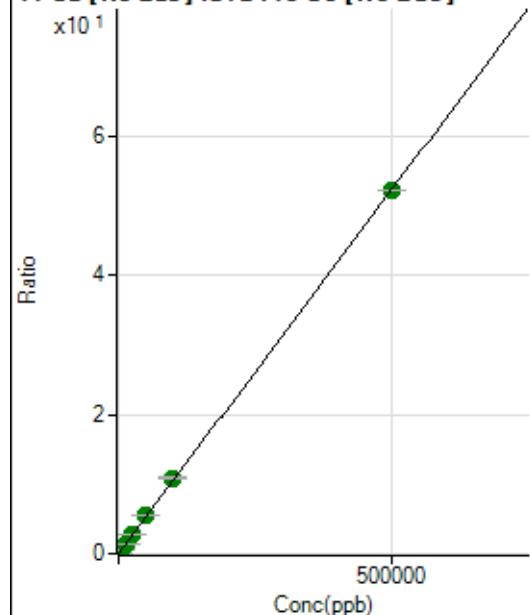
$$R = 0.9997$$

$$DL = 4.981$$

$$BEC = 11.73$$

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	3141.47	0.0014	P	3.8
2	<input type="checkbox"/>	500.000	500.591	125582.12	0.0537	P	0.8
3	<input type="checkbox"/>	5000.000	5291.753	1278803.57	0.5546	A	2.1
4	<input type="checkbox"/>	12500.000	13649.997	3146233.81	1.4284	A	11.2
5	<input type="checkbox"/>	25000.000	26270.034	5997916.72	2.7477	A	2.1
6	<input type="checkbox"/>	50000.000	52556.947	11707221.35	5.4959	A	0.9
7	<input type="checkbox"/>	100000.00	104252.60	24168630.47	10.9004	A	1.2
8	<input type="checkbox"/>	500000.00	498798.61	114549944.9	52.1479	A	0.2

$$y = 1.0454\text{E-}004 * x + 0.0014$$

$$R = 1.0000$$

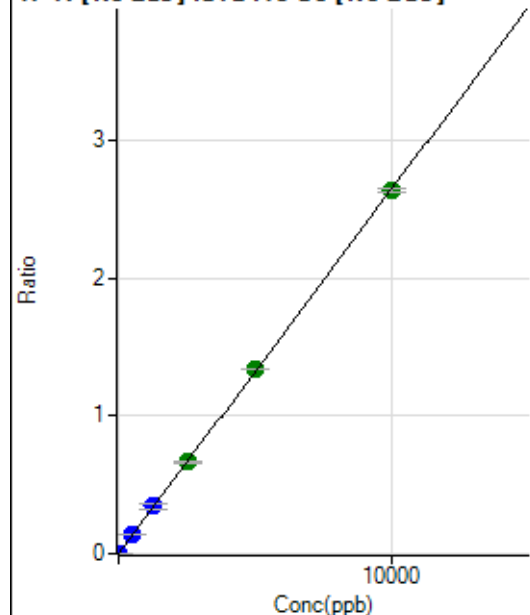
$$DL = 1.5$$

$$BEC = 13.04$$

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	56.67	0.0000	P	12.7
2	<input type="checkbox"/>	5.000	5.527	3473.77	0.0015	P	1.1
3	<input type="checkbox"/>	500.000	506.603	308841.56	0.1339	P	1.1
4	<input type="checkbox"/>	1250.000	1310.684	763194.43	0.3465	P	11.1
5	<input type="checkbox"/>	2500.000	2516.758	1452166.85	0.6652	A	1.8
6	<input type="checkbox"/>	5000.000	5061.733	2850105.65	1.3379	A	0.7
7	<input type="checkbox"/>	10000.000	9957.028	5835185.12	2.6318	A	1.0
8	<input type="checkbox"/>			1428.97	0.0007	P	5.8

$$y = 2.6431E-004 * x + 2.4542E-005$$

$$R = 1.0000$$

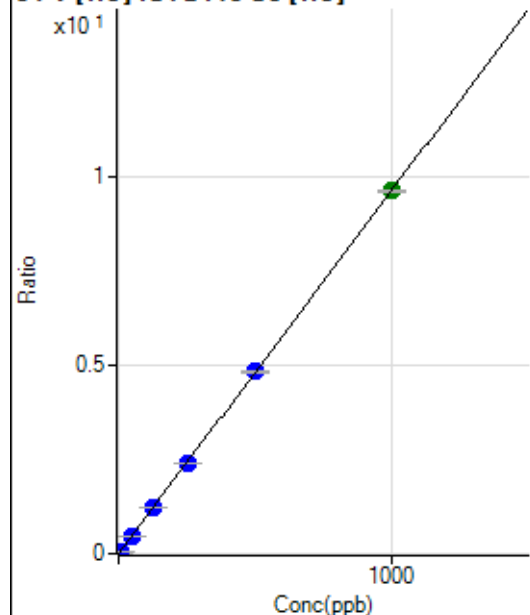
$$DL = 0.0353$$

$$BEC = 0.09285$$

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	3.33	0.0000	P	99.9
2	<input type="checkbox"/>	5.000	4.743	8329.05	0.0458	P	1.0
3	<input type="checkbox"/>	50.000	49.710	87439.04	0.4795	P	0.9
4	<input type="checkbox"/>	125.000	125.306	216627.73	1.2086	P	0.8
5	<input type="checkbox"/>	250.000	247.901	415226.17	2.3911	P	0.8
6	<input type="checkbox"/>	500.000	501.717	815639.54	4.8392	P	0.7
7	<input type="checkbox"/>	1000.000	999.644	1695723.15	9.6418	A	0.3
8	<input type="checkbox"/>			398.90	0.0023	P	8.3

$$y = 0.0096 * x + 1.8371E-005$$

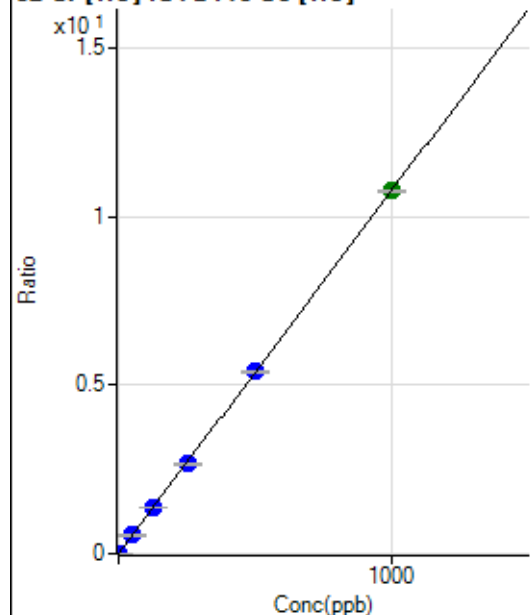
$$R = 1.0000$$

$$DL = 0.005707$$

$$BEC = 0.001905$$

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	231.11	0.0013	P	24.6
2	<input type="checkbox"/>	2.000	1.993	4131.71	0.0227	P	2.8
3	<input type="checkbox"/>	50.000	50.258	98804.08	0.5418	P	0.5
4	<input type="checkbox"/>	125.000	127.278	245579.09	1.3701	P	2.9
5	<input type="checkbox"/>	250.000	246.994	461520.84	2.6577	P	1.1
6	<input type="checkbox"/>	500.000	501.399	909119.98	5.3938	P	0.5
7	<input type="checkbox"/>	1000.000	999.754	1891283.53	10.7536	A	0.7
8	<input type="checkbox"/>			6638.18	0.0382	P	4.0

$$y = 0.0108 * x + 0.0013$$

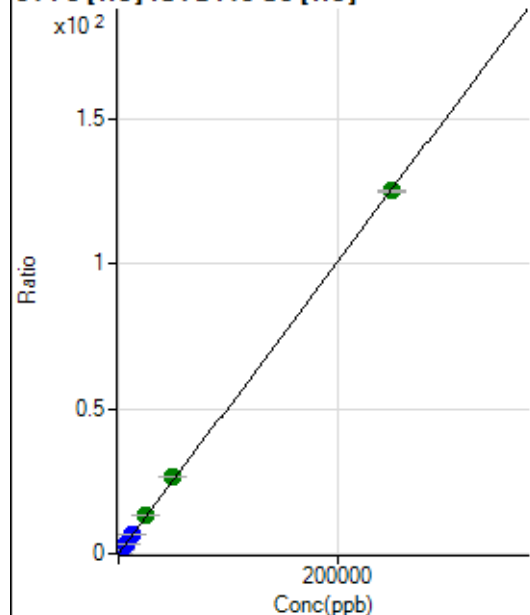
$$R = 1.0000$$

$$DL = 0.08742$$

$$BEC = 0.1184$$

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	1025.60	0.0057	P	6.1
2	<input type="checkbox"/>	50.000	54.456	6000.14	0.0330	P	2.3
3	<input type="checkbox"/>	2500.000	2705.616	248566.69	1.3630	P	0.3
4	<input type="checkbox"/>	6250.000	6796.878	612180.69	3.4155	P	0.5
5	<input type="checkbox"/>	12500.000	13415.161	1169712.46	6.7358	P	0.8
6	<input type="checkbox"/>	25000.000	26722.752	2260580.76	13.4120	A	0.8
7	<input type="checkbox"/>	50000.000	52429.049	4626947.71	26.3085	A	0.5
8	<input type="checkbox"/>	250000.00	249280.42	21720745.79	125.0657	A	0.7

$$y = 5.0168E-004 * x + 0.0057$$

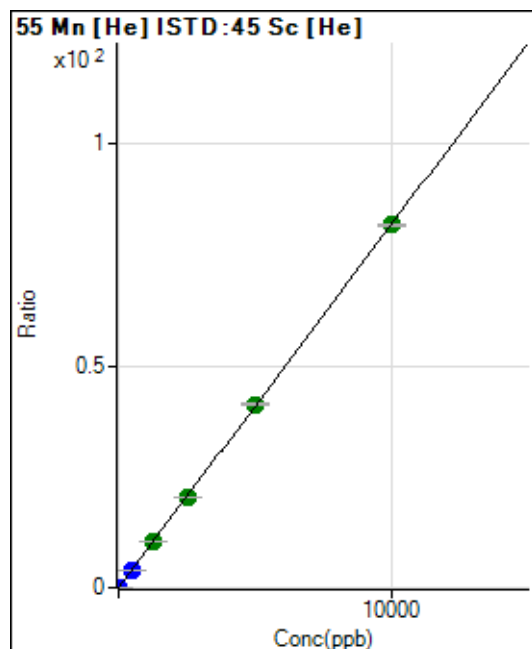
$$R = 0.9999$$

$$DL = 2.076$$

$$BEC = 11.27$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	358.90	0.0020	P	9.5
2	<input type="checkbox"/>	1.000	0.842	1615.66	0.0089	P	0.7
3	<input type="checkbox"/>	500.000	496.871	742894.42	4.0737	P	0.4
4	<input type="checkbox"/>	1250.000	1260.158	1851270.23	10.3286	A	1.1
5	<input type="checkbox"/>	2500.000	2484.025	3535225.33	20.3578	A	1.4
6	<input type="checkbox"/>	5000.000	5039.075	6960347.33	41.2957	A	0.6
7	<input type="checkbox"/>	10000.000	9983.343	14388445.62	81.8125	A	0.7
8	<input type="checkbox"/>			6977.26	0.0402	P	2.7

$$y = 0.0082 * x + 0.0020$$

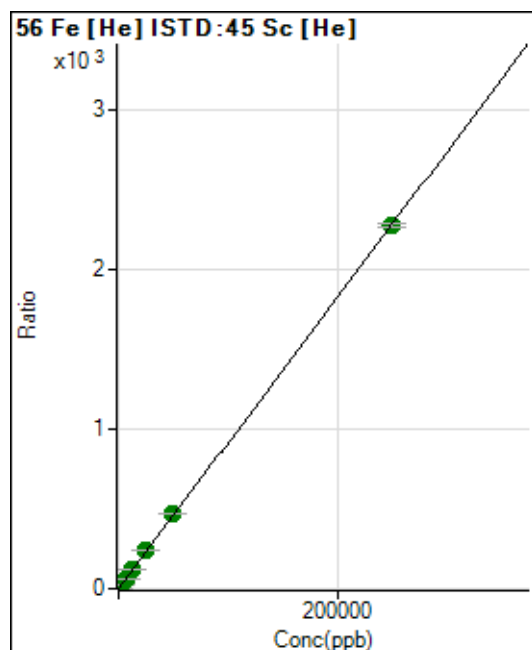
$$R = 1.0000$$

$$DL = 0.06896$$

$$BEC = 0.2415$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	7050.62	0.0389	P	1.2
2	<input type="checkbox"/>	50.000	52.419	94161.05	0.5174	P	0.5
3	<input type="checkbox"/>	2500.000	2601.230	4338157.19	23.7877	A	0.6
4	<input type="checkbox"/>	6250.000	6629.900	10856063.03	60.5688	A	0.5
5	<input type="checkbox"/>	12500.000	12993.539	20607295.94	118.6679	A	0.9
6	<input type="checkbox"/>	25000.000	26238.051	40382187.45	239.5882	A	0.7
7	<input type="checkbox"/>	50000.000	51886.602	83320572.65	473.7556	A	0.5
8	<input type="checkbox"/>	250000.00	249463.68	395553985.2	2277.603	A	1.1

$$y = 0.0091 * x + 0.0389$$

$$R = 1.0000$$

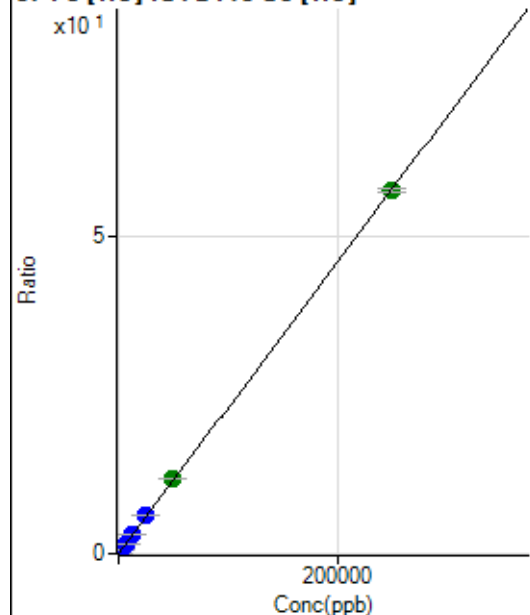
$$DL = 0.15$$

$$BEC = 4.258$$

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	666.69	0.0037	P	11.8
2	<input type="checkbox"/>	50.000	54.225	2933.65	0.0161	P	2.5
3	<input type="checkbox"/>	2500.000	2660.664	112024.40	0.6143	P	0.2
4	<input type="checkbox"/>	6250.000	6731.257	277534.91	1.5485	P	0.8
5	<input type="checkbox"/>	12500.000	13301.107	530730.68	3.0562	P	0.5
6	<input type="checkbox"/>	25000.000	26799.466	1037254.79	6.1540	P	0.6
7	<input type="checkbox"/>	50000.000	51977.248	2098507.89	11.9322	A	0.6
8	<input type="checkbox"/>	250000.00	249370.90	9939830.82	57.2332	A	0.9

$$y = 2.2950\text{E-}004 * x + 0.0037$$

$$R = 1.0000$$

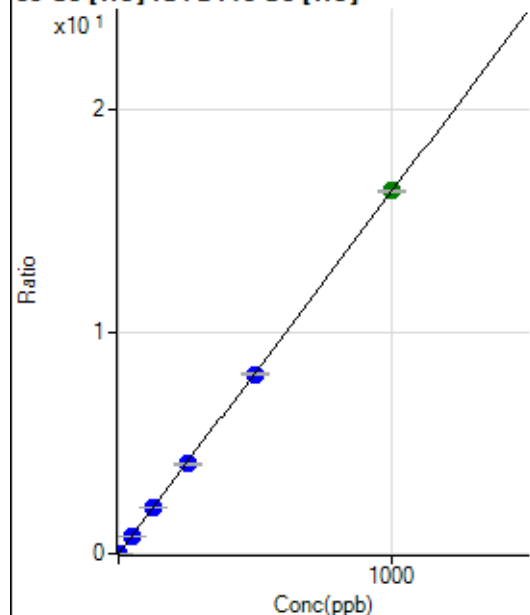
$$DL = 5.665$$

$$BEC = 16.01$$

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	60.00	0.0003	P	5.4
2	<input type="checkbox"/>	1.000	1.041	3148.14	0.0173	P	4.9
3	<input type="checkbox"/>	50.000	50.352	149796.80	0.8214	P	0.4
4	<input type="checkbox"/>	125.000	126.012	368357.45	2.0552	P	0.8
5	<input type="checkbox"/>	250.000	247.104	699803.55	4.0298	P	0.6
6	<input type="checkbox"/>	500.000	496.279	1364088.26	8.0931	P	0.5
7	<input type="checkbox"/>	1000.000	1002.441	2874950.93	16.3470	A	0.5
8	<input type="checkbox"/>			7161.76	0.0412	P	2.3

$$y = 0.0163 * x + 3.3079\text{E-}004$$

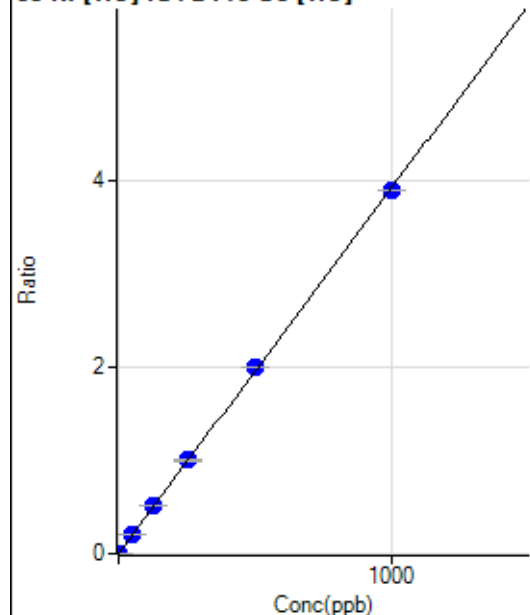
$$R = 1.0000$$

$$DL = 0.003267$$

$$BEC = 0.02029$$

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	44.44	0.0002	P	48.1
2	<input type="checkbox"/>	1.000	1.048	791.14	0.0043	P	3.4
3	<input type="checkbox"/>	50.000	52.576	37588.18	0.2061	P	1.2
4	<input type="checkbox"/>	125.000	130.807	91847.62	0.5124	P	0.8
5	<input type="checkbox"/>	250.000	255.353	173678.26	1.0001	P	0.7
6	<input type="checkbox"/>	500.000	510.777	337153.78	2.0003	P	0.3
7	<input type="checkbox"/>	1000.000	992.419	683480.58	3.8863	P	0.1
8	<input type="checkbox"/>			3220.38	0.0185	P	3.7

$$y = 0.0039 * x + 2.4483E-004$$

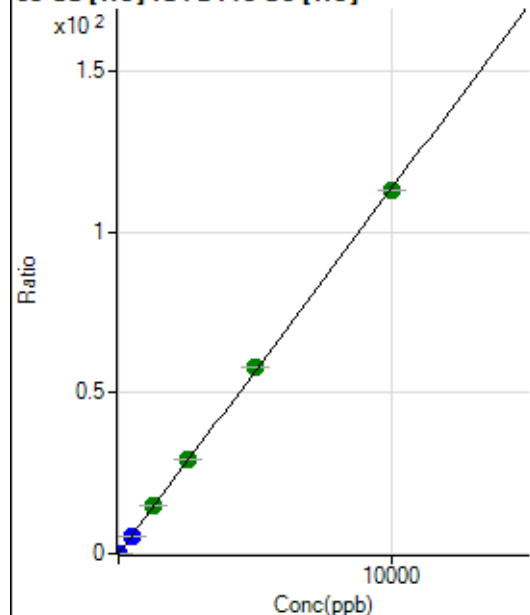
$$R = 0.9999$$

$$DL = 0.09015$$

$$BEC = 0.06253$$

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	476.68	0.0026	P	5.0
2	<input type="checkbox"/>	2.000	1.929	4461.82	0.0245	P	4.1
3	<input type="checkbox"/>	500.000	498.692	1032547.56	5.6620	P	0.1
4	<input type="checkbox"/>	1250.000	1305.162	2655167.81	14.8140	A	0.9
5	<input type="checkbox"/>	2500.000	2559.729	5044933.29	29.0513	A	0.3
6	<input type="checkbox"/>	5000.000	5088.332	9733261.11	57.7467	A	0.3
7	<input type="checkbox"/>	10000.000	9934.072	19827385.12	112.7378	A	0.1
8	<input type="checkbox"/>			4087.27	0.0235	P	6.5

$$y = 0.0113 * x + 0.0026$$

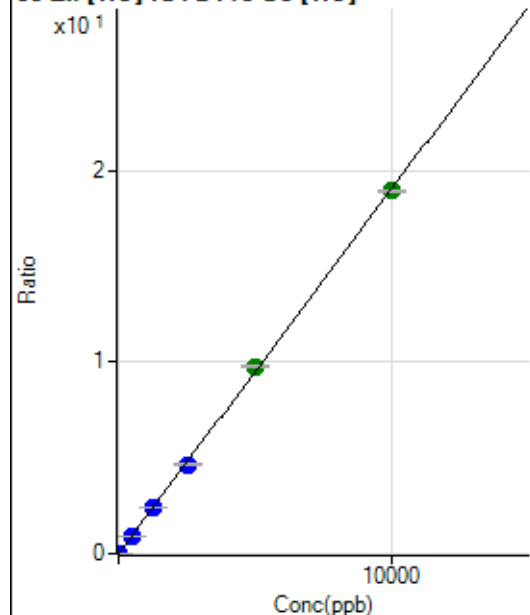
$$R = 0.9999$$

$$DL = 0.03482$$

$$BEC = 0.2316$$

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	138.89	0.0008	P	19.9
2	<input type="checkbox"/>	5.000	4.815	1805.69	0.0099	P	2.7
3	<input type="checkbox"/>	500.000	495.409	171953.84	0.9429	P	0.6
4	<input type="checkbox"/>	1250.000	1240.167	422850.00	2.3592	P	0.1
5	<input type="checkbox"/>	2500.000	2449.695	809123.51	4.6594	P	0.5
6	<input type="checkbox"/>	5000.000	5127.826	1643853.64	9.7524	A	1.1
7	<input type="checkbox"/>	10000.000	9950.122	3327981.83	18.9229	A	0.7
8	<input type="checkbox"/>			1800.13	0.0104	P	2.4

$$y = 0.0019 * x + 7.6563E-004$$

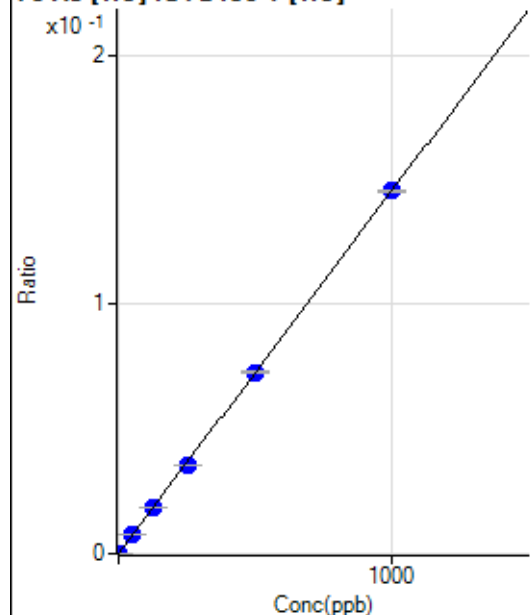
$$R = 0.9999$$

$$DL = 0.2399$$

$$BEC = 0.4026$$

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	2.22	0.0000	P	173.
2	<input type="checkbox"/>	1.000	0.933	233.34	0.0001	P	16.3
3	<input type="checkbox"/>	50.000	51.348	12495.34	0.0075	P	1.0
4	<input type="checkbox"/>	125.000	126.272	30424.59	0.0184	P	0.7
5	<input type="checkbox"/>	250.000	245.092	57933.49	0.0357	P	0.7
6	<input type="checkbox"/>	500.000	500.294	114369.53	0.0728	P	0.7
7	<input type="checkbox"/>	1000.000	1000.854	236517.24	0.1456	P	0.6
8	<input type="checkbox"/>			135.56	0.0001	P	25.1

$$y = 1.4551E-004 * x + 1.3148E-006$$

$$R = 1.0000$$

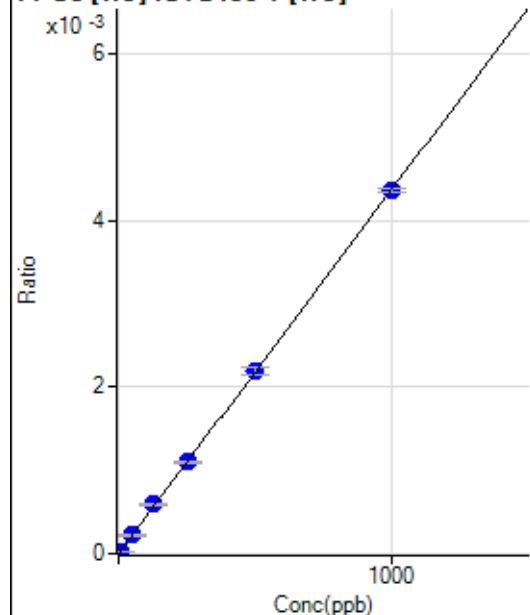
$$DL = 0.04695$$

$$BEC = 0.009035$$

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	5.533	41.11	0.0000	P	16.7
3	<input type="checkbox"/>	50.000	51.440	375.56	0.0002	P	13.2
4	<input type="checkbox"/>	125.000	135.359	978.93	0.0006	P	2.7
5	<input type="checkbox"/>	250.000	251.301	1782.34	0.0011	P	3.6
6	<input type="checkbox"/>	500.000	502.100	3444.88	0.0022	P	3.3
7	<input type="checkbox"/>	1000.000	997.255	7071.75	0.0044	P	1.2
8	<input type="checkbox"/>			1.11	0.0000	P	173.

$$y = 4.3666\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

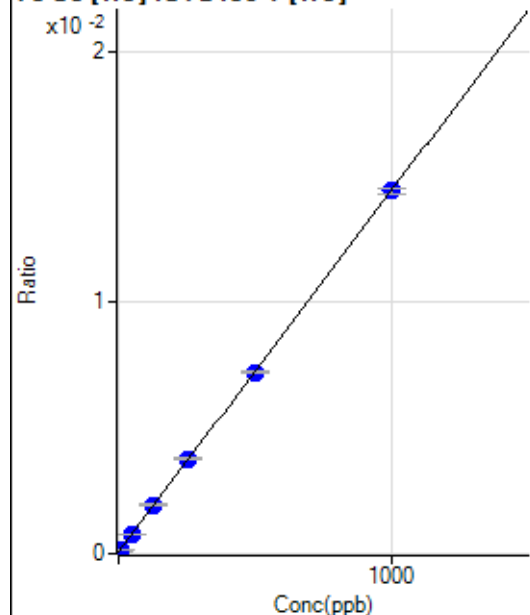
$$DL = 0$$

$$BEC = 0$$

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	140.00	0.0001	P	14.2
2	<input type="checkbox"/>	5.000	3.802	233.34	0.0001	P	13.6
3	<input type="checkbox"/>	50.000	48.112	1293.40	0.0008	P	5.6
4	<input type="checkbox"/>	125.000	129.277	3210.38	0.0019	P	4.8
5	<input type="checkbox"/>	250.000	257.550	6144.66	0.0038	P	1.0
6	<input type="checkbox"/>	500.000	497.183	11351.08	0.0072	P	0.9
7	<input type="checkbox"/>	1000.000	999.087	23443.06	0.0144	P	1.6
8	<input type="checkbox"/>			102.22	0.0001	P	21.9

$$y = 1.4366\text{E-}005 * x + 8.2535\text{E-}005$$

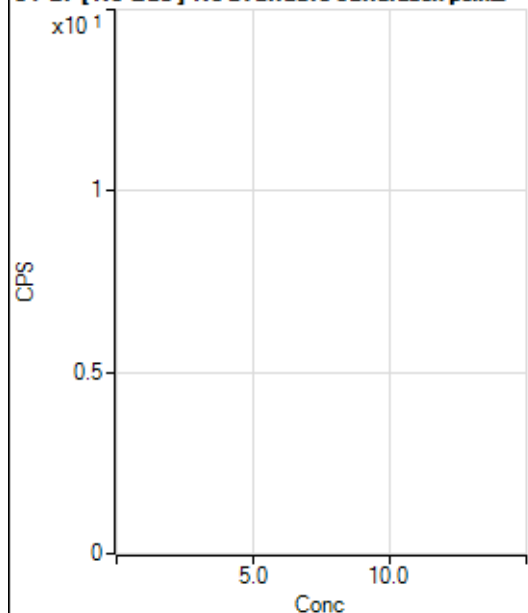
$$R = 0.9999$$

$$DL = 2.449$$

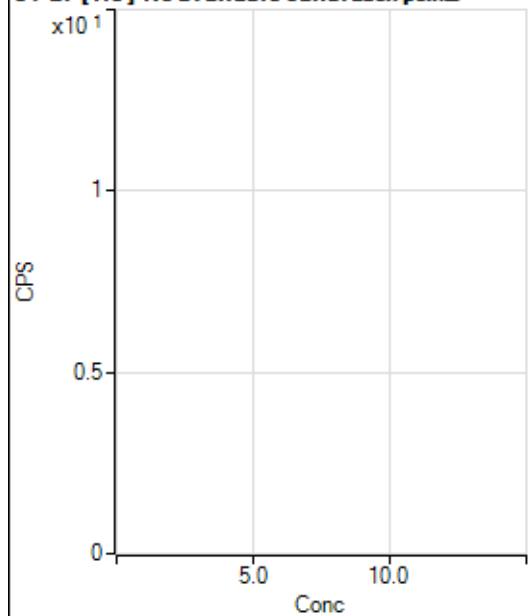
$$BEC = 5.745$$

Weight: <None>

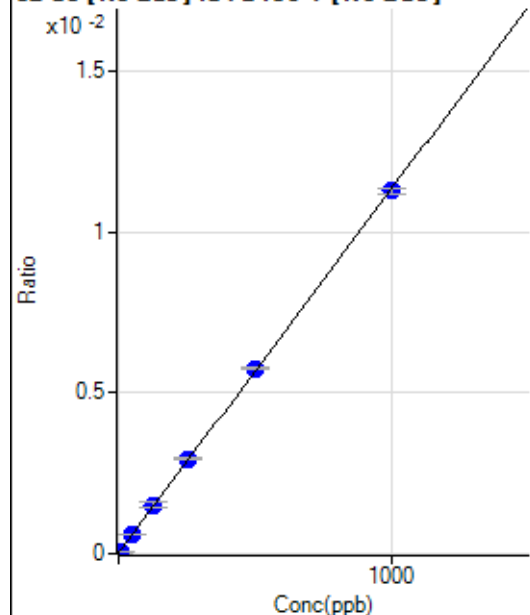
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			7237.41		P	3.1
2	<input type="checkbox"/>			7139.56		P	0.7
3	<input type="checkbox"/>			6933.91		P	2.0
4	<input type="checkbox"/>			6830.55		P	3.4
5	<input type="checkbox"/>			6530.39		P	3.7
6	<input type="checkbox"/>			6500.37		P	2.5
7	<input type="checkbox"/>			6564.87		P	2.0
8	<input type="checkbox"/>			6952.82		P	3.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			47.78		P	40.9
2	<input type="checkbox"/>			27.78		P	27.7
3	<input type="checkbox"/>			36.66		P	31.5
4	<input type="checkbox"/>			40.00		P	38.2
5	<input type="checkbox"/>			40.00		P	14.4
6	<input type="checkbox"/>			33.33		P	17.3
7	<input type="checkbox"/>			41.11		P	9.4
8	<input type="checkbox"/>			57.78		P	8.8

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	150.25	0.0000	P	17.8
2	<input type="checkbox"/>	5.000	4.536	522.94	0.0001	P	10.6
3	<input type="checkbox"/>	50.000	50.721	4290.58	0.0006	P	1.2
4	<input type="checkbox"/>	125.000	131.807	10418.65	0.0015	P	10.7
5	<input type="checkbox"/>	250.000	257.921	20279.39	0.0029	P	1.2
6	<input type="checkbox"/>	500.000	505.484	39416.61	0.0057	P	1.0
7	<input type="checkbox"/>	1000.000	994.393	79427.02	0.0113	P	1.8
8	<input type="checkbox"/>			216.92	0.0000	P	9.1

$$y = 1.1325\text{E-}005 * x + 2.1210\text{E-}005$$

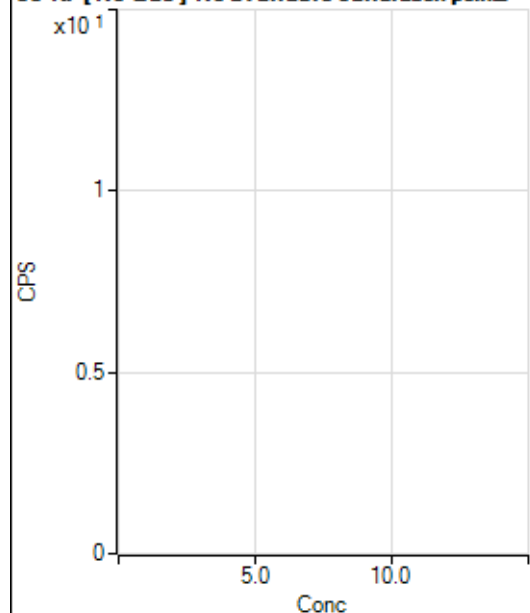
$$R = 0.9999$$

$$DL = 0.9981$$

$$BEC = 1.873$$

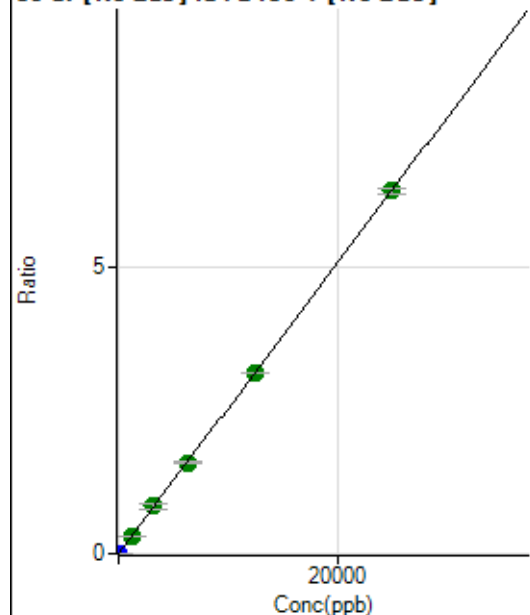
Weight: <None>

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"/>			85.55		P	26.5
2	<input type="checkbox"/>			98.89		P	11.8
3	<input type="checkbox"/>			94.44		P	5.4
4	<input type="checkbox"/>			115.56		P	6.0
5	<input type="checkbox"/>			114.45		P	28.7
6	<input type="checkbox"/>			111.11		P	24.2
7	<input type="checkbox"/>			86.67		P	7.7
8	<input type="checkbox"/>			118.89		P	8.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	173.34	0.0000	P	10.0
2	<input type="checkbox"/>	1.000	0.920	1854.58	0.0003	P	5.4
3	<input type="checkbox"/>	1250.000	1230.792	2246575.07	0.3119	A	0.7
4	<input type="checkbox"/>	3125.000	3250.664	5668255.75	0.8237	A	10.7
5	<input type="checkbox"/>	6250.000	6266.473	10943937.06	1.5878	A	1.1
6	<input type="checkbox"/>	12500.000	12460.349	21657995.51	3.1572	A	0.4
7	<input type="checkbox"/>	25000.000	25000.960	44592412.12	6.3346	A	1.9
8	<input type="checkbox"/>			6477.03	0.0010	P	3.9

$$y = 2.5338\text{E-}004 * x + 2.4463\text{E-}005$$

$$R = 1.0000$$

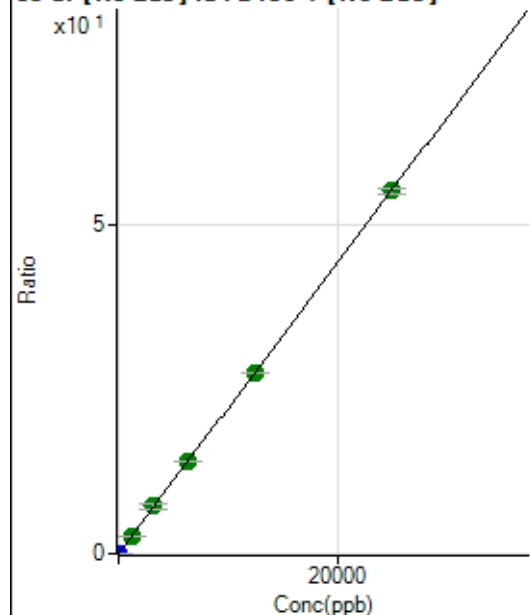
$$DL = 0.02905$$

$$BEC = 0.09655$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	355.56	0.0001	P	3.5
2	<input type="checkbox"/>	1.000	0.930	15155.67	0.0021	P	2.0
3	<input type="checkbox"/>	1250.000	1235.559	19663106.65	2.7297	A	0.5
4	<input type="checkbox"/>	3125.000	3247.253	49378386.49	7.1740	A	10.3
5	<input type="checkbox"/>	6250.000	6332.669	96428738.56	13.9904	A	1.3
6	<input type="checkbox"/>	12500.000	12455.958	188771599.4	27.5182	A	0.9
7	<input type="checkbox"/>	25000.000	24986.794	388604034.2	55.2018	A	1.6
8	<input type="checkbox"/>			55428.34	0.0082	P	2.9

$$y = 0.0022 * x + 5.0111\text{E-}005$$

$$R = 1.0000$$

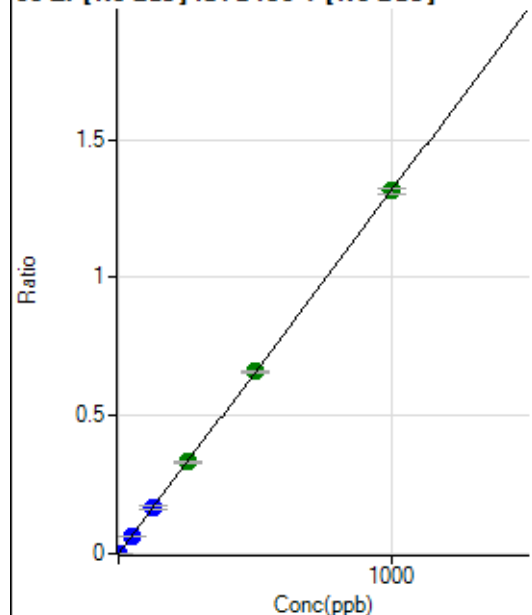
$$DL = 0.002411$$

$$BEC = 0.02268$$

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	246.67	0.0000	P	23.9
2	<input type="checkbox"/>	1.000	0.945	9197.40	0.0013	P	2.3
3	<input type="checkbox"/>	50.000	48.387	458393.98	0.0636	P	0.2
4	<input type="checkbox"/>	125.000	126.128	1141140.79	0.1658	P	10.6
5	<input type="checkbox"/>	250.000	252.277	2285826.53	0.3316	A	1.1
6	<input type="checkbox"/>	500.000	500.495	4513101.01	0.6579	A	0.5
7	<input type="checkbox"/>	1000.000	999.123	9245083.68	1.3133	A	1.9
8	<input type="checkbox"/>			4806.39	0.0007	P	4.3

$$y = 0.0013 * x + 3.4908E-005$$

$$R = 1.0000$$

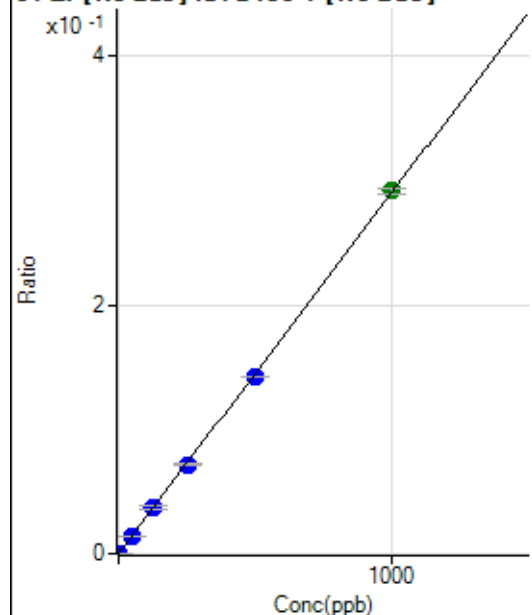
$$DL = 0.01904$$

$$BEC = 0.02656$$

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	47.78	0.0000	P	15.7
2	<input type="checkbox"/>	1.000	0.906	1943.48	0.0003	P	2.6
3	<input type="checkbox"/>	50.000	48.946	102373.48	0.0142	P	1.0
4	<input type="checkbox"/>	125.000	127.105	253877.58	0.0369	P	10.8
5	<input type="checkbox"/>	250.000	246.990	494118.06	0.0717	P	1.3
6	<input type="checkbox"/>	500.000	489.533	974661.56	0.1421	P	0.7
7	<input type="checkbox"/>	1000.000	1005.776	2054943.37	0.2919	A	1.5
8	<input type="checkbox"/>			1000.04	0.0001	P	5.7

$$y = 2.9022E-004 * x + 6.7451E-006$$

$$R = 0.9999$$

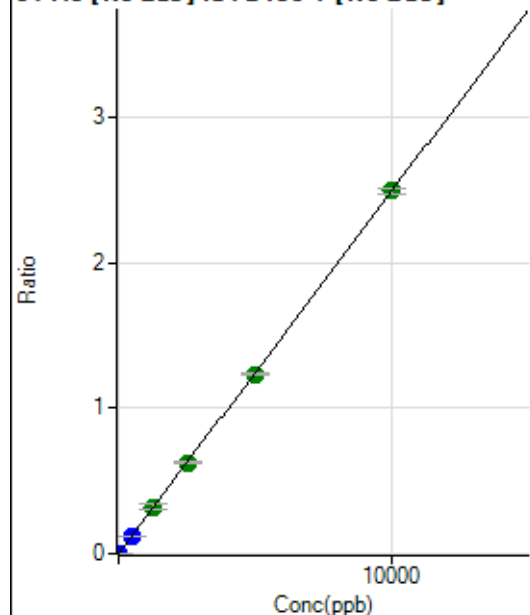
$$DL = 0.01095$$

$$BEC = 0.02324$$

Weight: <None>

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	107.78	0.0000	P	24.3
2	<input type="checkbox"/>	5.000	5.919	10737.34	0.0015	P	1.6
3	<input type="checkbox"/>	500.000	478.250	858703.01	0.1192	P	0.9
4	<input type="checkbox"/>	1250.000	1292.945	2218646.09	0.3223	A	10.0
5	<input type="checkbox"/>	2500.000	2507.836	4307718.48	0.6250	A	2.4
6	<input type="checkbox"/>	5000.000	4957.877	8476552.52	1.2357	A	0.6
7	<input type="checkbox"/>	10000.000	10014.822	17571654.05	2.4960	A	1.4
8	<input type="checkbox"/>			5018.68	0.0007	P	4.3

$$y = 2.4923\text{E-}004 * x + 1.5190\text{E-}005$$

$$R = 1.0000$$

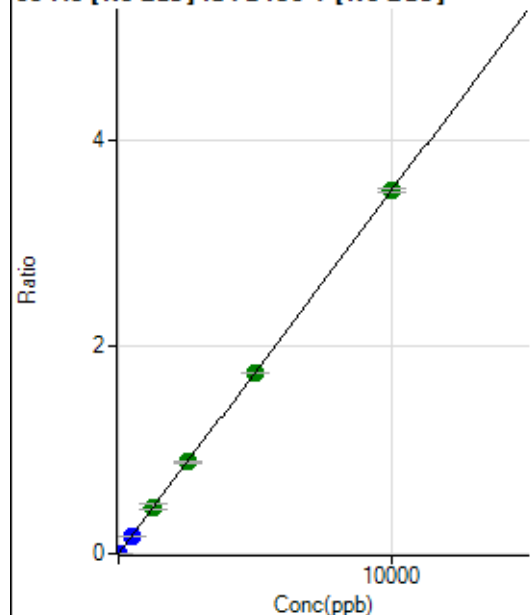
$$DL = 0.0444$$

$$BEC = 0.06095$$

Weight: <None>

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	62.22	0.0000	P	4.7
2	<input type="checkbox"/>	5.000	5.092	12925.79	0.0018	P	0.9
3	<input type="checkbox"/>	500.000	481.749	1216897.21	0.1689	P	0.3
4	<input type="checkbox"/>	1250.000	1292.075	3118863.98	0.4531	A	10.2
5	<input type="checkbox"/>	2500.000	2524.000	6100336.16	0.8850	A	0.9
6	<input type="checkbox"/>	5000.000	4985.350	11991923.57	1.7481	A	0.5
7	<input type="checkbox"/>	10000.000	9996.978	24677854.08	3.5054	A	1.2
8	<input type="checkbox"/>			5648.92	0.0008	P	3.7

$$y = 3.5065\text{E-}004 * x + 8.7753\text{E-}006$$

$$R = 1.0000$$

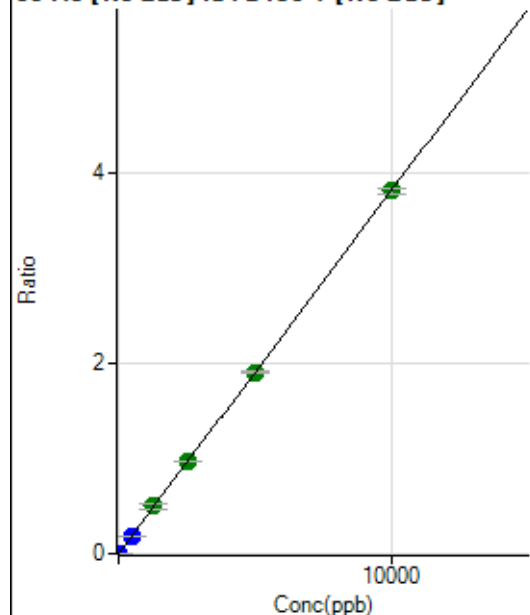
$$DL = 0.003505$$

$$BEC = 0.02503$$

Weight: <None>

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	85.56	0.0000	P	20.8
2	<input type="checkbox"/>	5.000	5.097	14108.01	0.0020	P	0.9
3	<input type="checkbox"/>	500.000	483.357	1329510.47	0.1846	P	0.9
4	<input type="checkbox"/>	1250.000	1306.357	3433073.07	0.4988	A	10.4
5	<input type="checkbox"/>	2500.000	2525.768	6647478.16	0.9644	A	0.7
6	<input type="checkbox"/>	5000.000	4998.910	13093624.94	1.9087	A	0.8
7	<input type="checkbox"/>	10000.000	9987.891	26846136.27	3.8136	A	1.8
8	<input type="checkbox"/>			10365.97	0.0015	P	1.3

$$y = 3.8182\text{E-}004 * x + 1.2044\text{E-}005$$

$$R = 1.0000$$

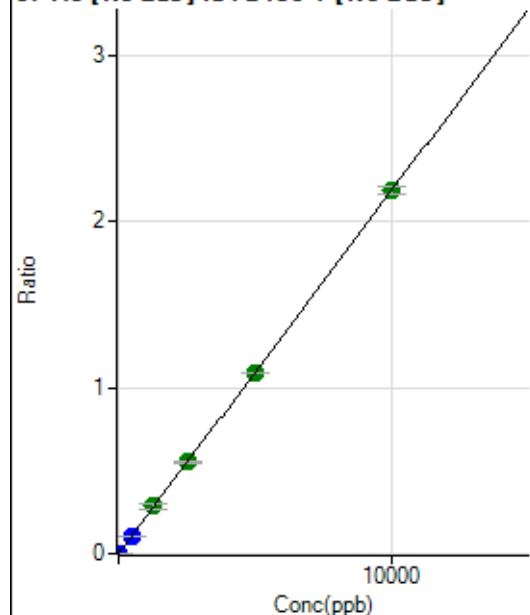
$$DL = 0.01971$$

$$BEC = 0.03154$$

Weight: <None>

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	30.00	0.0000	P	47.1
2	<input type="checkbox"/>	5.000	5.173	8181.25	0.0011	P	3.5
3	<input type="checkbox"/>	500.000	482.090	759684.81	0.1055	P	1.0
4	<input type="checkbox"/>	1250.000	1299.951	1957111.92	0.2844	A	10.5
5	<input type="checkbox"/>	2500.000	2526.508	3809383.80	0.5527	A	1.4
6	<input type="checkbox"/>	5000.000	4986.382	7482805.10	1.0908	A	0.6
7	<input type="checkbox"/>	10000.000	9994.834	15391140.61	2.1864	A	2.0
8	<input type="checkbox"/>			3285.96	0.0005	P	2.0

$$y = 2.1875\text{E-}004 * x + 4.1961\text{E-}006$$

$$R = 1.0000$$

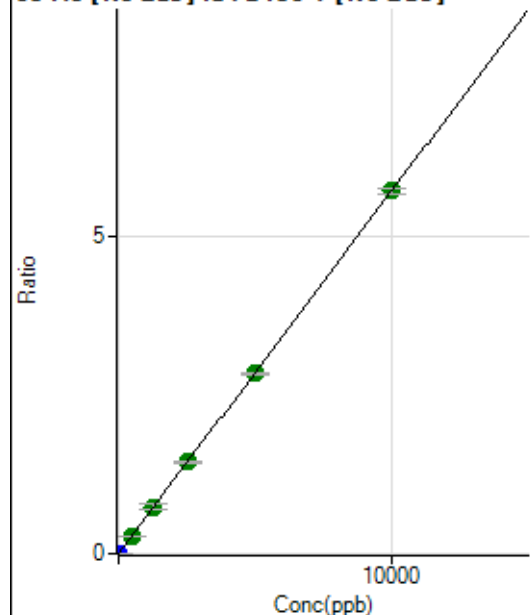
$$DL = 0.02708$$

$$BEC = 0.01918$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	82.22	0.0000	P	11.1
2	<input type="checkbox"/>	5.000	5.159	21261.08	0.0030	P	0.2
3	<input type="checkbox"/>	500.000	494.781	2030771.27	0.2819	A	0.9
4	<input type="checkbox"/>	1250.000	1294.786	5077667.63	0.7377	A	10.4
5	<input type="checkbox"/>	2500.000	2522.904	9907307.91	1.4375	A	1.9
6	<input type="checkbox"/>	5000.000	4967.012	19413779.71	2.8300	A	0.7
7	<input type="checkbox"/>	10000.000	10005.430	40130602.74	5.7008	A	1.8
8	<input type="checkbox"/>			8267.96	0.0012	P	2.8

$$y = 5.6977\text{E-}004 * x + 1.1600\text{E-}005$$

$$R = 1.0000$$

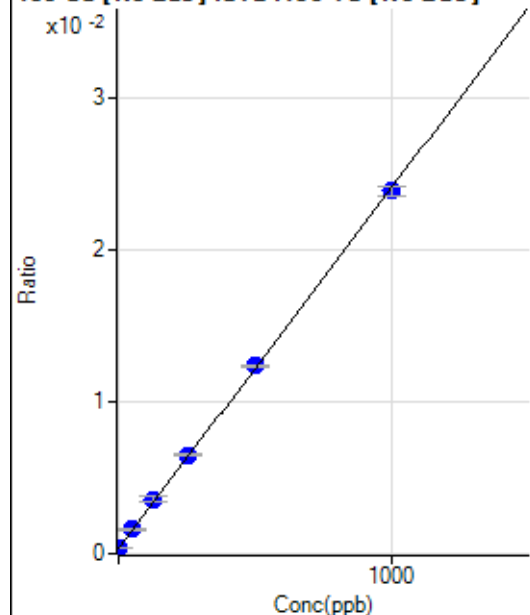
$$DL = 0.006809$$

$$BEC = 0.02036$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	1959.04	0.0003	P	1.2
2	<input type="checkbox"/>	1.000	0.862	2086.84	0.0004	P	1.2
3	<input type="checkbox"/>	50.000	52.744	9394.23	0.0016	P	1.0
4	<input type="checkbox"/>	125.000	137.229	20828.32	0.0036	P	9.7
5	<input type="checkbox"/>	250.000	259.085	38173.35	0.0065	P	1.3
6	<input type="checkbox"/>	500.000	508.113	72604.56	0.0124	P	1.0
7	<input type="checkbox"/>	1000.000	992.007	145883.59	0.0239	P	3.0
8	<input type="checkbox"/>			1911.25	0.0003	P	2.2

$$y = 2.3760\text{E-}005 * x + 3.3289\text{E-}004$$

$$R = 0.9999$$

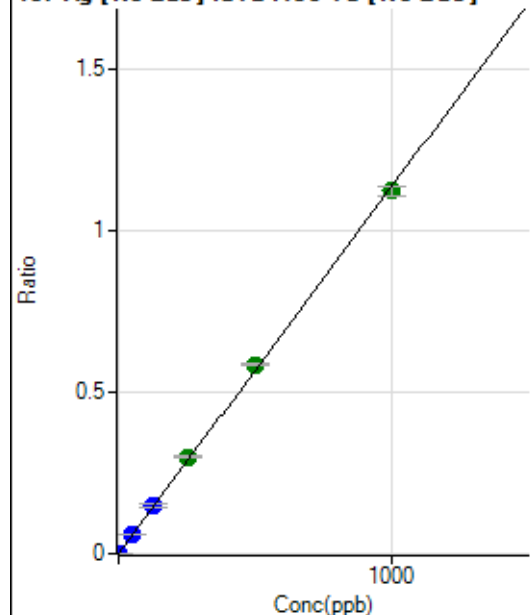
$$DL = 0.5106$$

$$BEC = 14.01$$

Weight: <None>

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	43.33	0.0000	P	49.3
2	<input type="checkbox"/>	1.000	0.929	6281.42	0.0011	P	3.5
3	<input type="checkbox"/>	50.000	50.889	342741.38	0.0579	P	0.5
4	<input type="checkbox"/>	125.000	130.490	859789.92	0.1484	P	10.2
5	<input type="checkbox"/>	250.000	262.379	1754996.30	0.2983	A	2.2
6	<input type="checkbox"/>	500.000	514.654	3424679.26	0.5852	A	0.9
7	<input type="checkbox"/>	1000.000	988.848	6862630.73	1.1243	A	2.3
8	<input type="checkbox"/>			866.70	0.0002	P	7.3

$$y = 0.0011 * x + 7.3910E-006$$

$$R = 0.9997$$

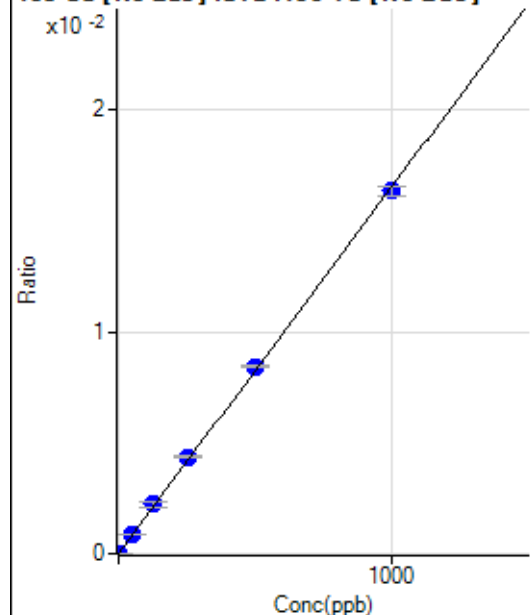
$$DL = 0.009613$$

$$BEC = 0.0065$$

Weight: <None>

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	4.44	0.0000	P	46.3
2	<input type="checkbox"/>	1.000	1.150	116.67	0.0000	P	17.4
3	<input type="checkbox"/>	50.000	52.858	5176.53	0.0009	P	1.8
4	<input type="checkbox"/>	125.000	133.894	12830.20	0.0022	P	9.2
5	<input type="checkbox"/>	250.000	262.960	25563.70	0.0043	P	1.8
6	<input type="checkbox"/>	500.000	510.782	49394.82	0.0084	P	1.7
7	<input type="checkbox"/>	1000.000	990.114	99847.08	0.0164	P	2.6
8	<input type="checkbox"/>			155.64	0.0000	P	111.

$$y = 1.6521E-005 * x + 7.6086E-007$$

$$R = 0.9998$$

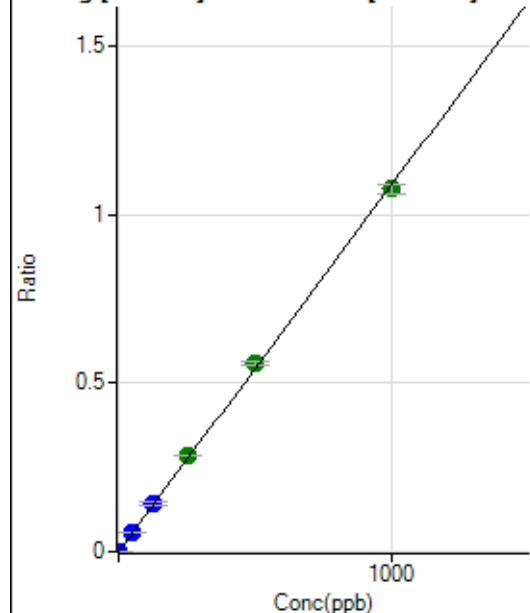
$$DL = 0.06392$$

$$BEC = 0.04605$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	33.33	0.0000	P	20.1
2	<input type="checkbox"/>	1.000	0.904	5841.22	0.0010	P	2.9
3	<input type="checkbox"/>	50.000	50.991	328762.27	0.0555	P	0.4
4	<input type="checkbox"/>	125.000	129.913	819611.20	0.1414	P	9.8
5	<input type="checkbox"/>	250.000	261.896	1677041.14	0.2851	A	1.4
6	<input type="checkbox"/>	500.000	514.008	3274255.54	0.5595	A	1.3
7	<input type="checkbox"/>	1000.000	989.358	6572793.79	1.0768	A	2.4
8	<input type="checkbox"/>			805.59	0.0001	P	11.0

$$y = 0.0011 * x + 5.6826E-006$$

$$R = 0.9998$$

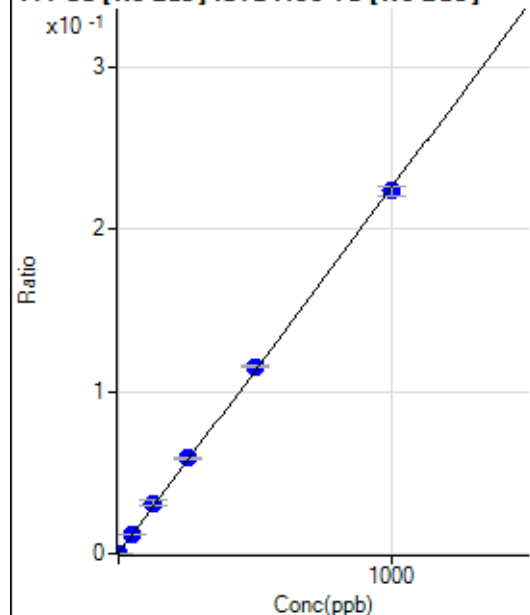
$$DL = 0.003148$$

$$BEC = 0.005221$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	1372.66	0.0002	P	0.8
2	<input type="checkbox"/>	1.000	1.081	2818.09	0.0005	P	1.5
3	<input type="checkbox"/>	50.000	53.082	72333.02	0.0122	P	1.3
4	<input type="checkbox"/>	125.000	136.749	180184.84	0.0311	P	10.1
5	<input type="checkbox"/>	250.000	259.635	346051.20	0.0588	P	1.8
6	<input type="checkbox"/>	500.000	509.816	674684.63	0.1153	P	0.9
7	<input type="checkbox"/>	1000.000	991.061	1366420.40	0.2239	P	2.8
8	<input type="checkbox"/>			1451.15	0.0003	P	9.2

$$y = 2.2566E-004 * x + 2.3324E-004$$

$$R = 0.9998$$

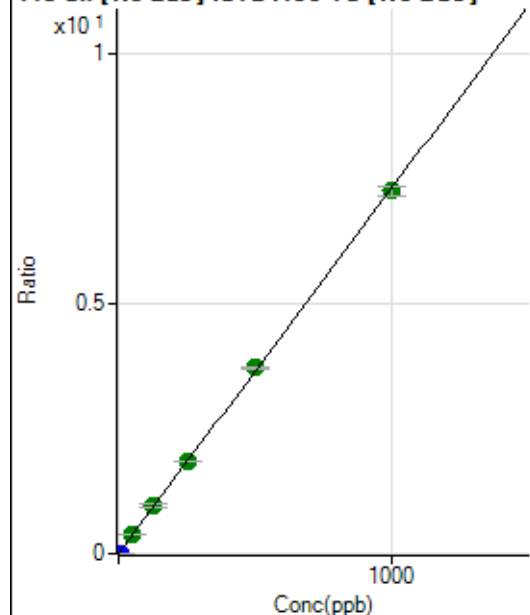
$$DL = 0.0262$$

$$BEC = 1.034$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	1248.96	0.0002	P	2.9
2	<input type="checkbox"/>	5.000	0.502	22937.21	0.0039	P	1.6
3	<input type="checkbox"/>	50.000	51.779	2243784.13	0.3788	A	1.4
4	<input type="checkbox"/>	125.000	132.615	5620105.20	0.9700	A	10.3
5	<input type="checkbox"/>	250.000	253.837	10921500.67	1.8564	A	1.1
6	<input type="checkbox"/>	500.000	509.263	21796401.34	3.7242	A	0.5
7	<input type="checkbox"/>	1000.000	993.391	44337087.12	7.2644	A	2.9
8	<input type="checkbox"/>			8549.28	0.0015	P	3.9

$$y = 0.0073 * x + 2.1228E-004$$

$$R = 0.9999$$

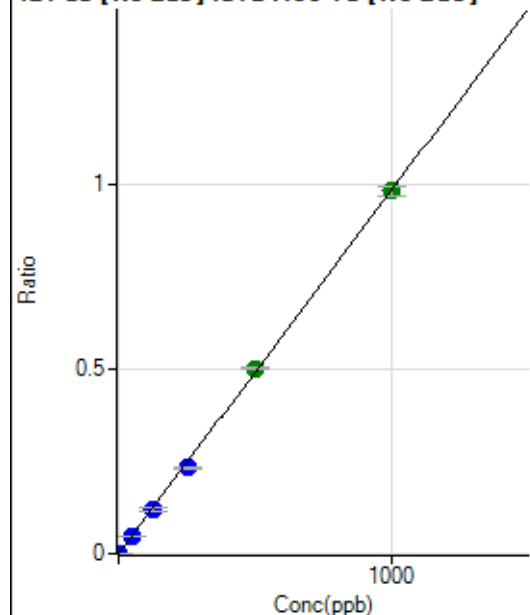
$$DL = 0.002566$$

$$BEC = 0.02903$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	72.22	0.0000	P	15.0
2	<input type="checkbox"/>	2.000	1.823	10655.12	0.0018	P	1.1
3	<input type="checkbox"/>	50.000	47.868	278840.51	0.0471	P	0.6
4	<input type="checkbox"/>	125.000	123.171	701870.08	0.1211	P	10.2
5	<input type="checkbox"/>	250.000	237.198	1372124.48	0.2332	P	1.6
6	<input type="checkbox"/>	500.000	510.440	2937408.91	0.5019	A	0.9
7	<input type="checkbox"/>	1000.000	998.316	5991218.11	0.9816	A	2.7
8	<input type="checkbox"/>			3181.49	0.0006	P	2.4

$$y = 9.8325E-004 * x + 1.2276E-005$$

$$R = 0.9998$$

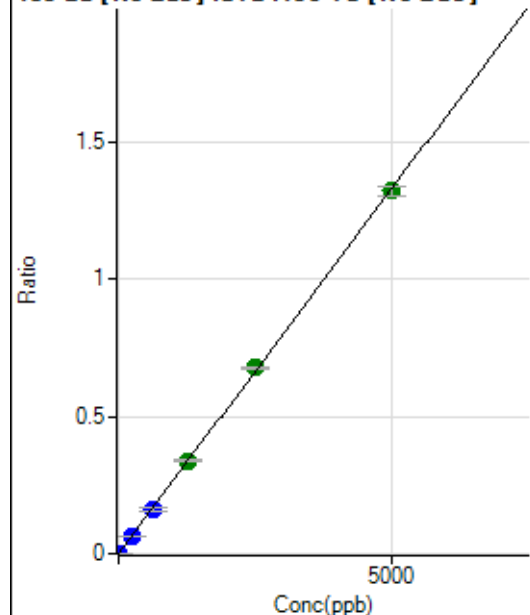
$$DL = 0.005631$$

$$BEC = 0.01249$$

Weight: <None>

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	57.78	0.0000	P	31.5
2	<input type="checkbox"/>	10.000	8.823	13877.92	0.0024	P	1.3
3	<input type="checkbox"/>	250.000	233.015	366145.72	0.0618	P	0.3
4	<input type="checkbox"/>	625.000	600.068	922493.24	0.1592	P	10.0
5	<input type="checkbox"/>	1250.000	1277.052	1992901.95	0.3388	A	1.2
6	<input type="checkbox"/>	2500.000	2546.387	3953175.88	0.6754	A	1.2
7	<input type="checkbox"/>	5000.000	4974.012	8052621.62	1.3194	A	2.8
8	<input type="checkbox"/>			2838.09	0.0005	P	3.0

$$y = 2.6525\text{E-}004 * x + 9.8708\text{E-}006$$

$$R = 0.9999$$

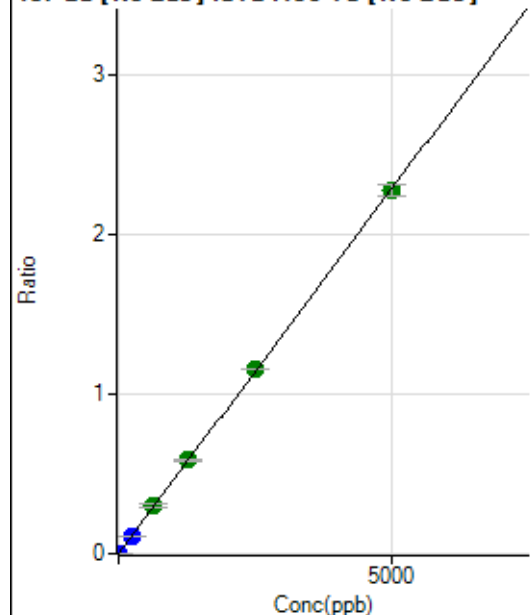
$$DL = 0.03517$$

$$BEC = 0.03721$$

Weight: <None>

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	114.44	0.0000	P	5.5
2	<input type="checkbox"/>	10.000	9.001	24405.46	0.0041	P	1.9
3	<input type="checkbox"/>	250.000	233.168	631180.05	0.1066	P	0.3
4	<input type="checkbox"/>	625.000	657.349	1740514.05	0.3004	A	10.4
5	<input type="checkbox"/>	1250.000	1281.132	3444185.19	0.5854	A	1.0
6	<input type="checkbox"/>	2500.000	2527.815	6760322.74	1.1551	A	0.6
7	<input type="checkbox"/>	5000.000	4975.110	13874399.38	2.2734	A	3.2
8	<input type="checkbox"/>			5172.10	0.0009	P	1.4

$$y = 4.5695\text{E-}004 * x + 1.9455\text{E-}005$$

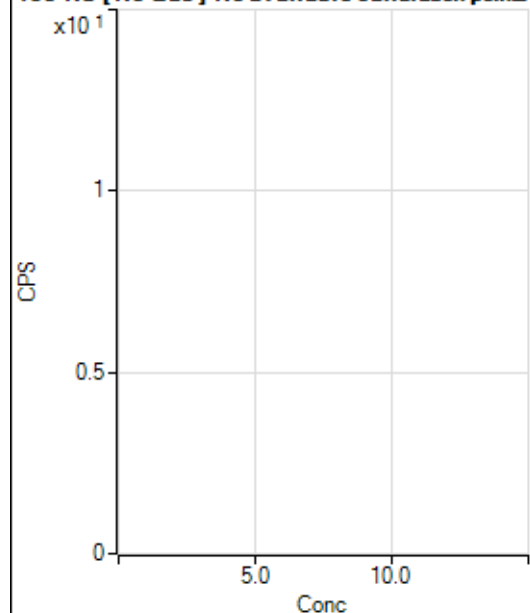
$$R = 0.9999$$

$$DL = 0.007079$$

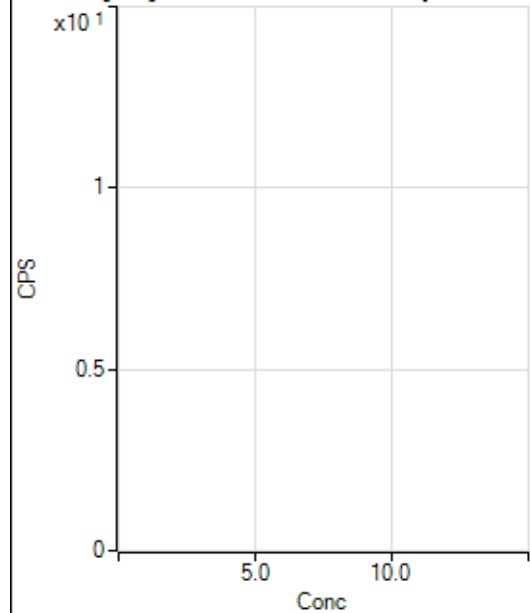
$$BEC = 0.04258$$

Weight: <None>

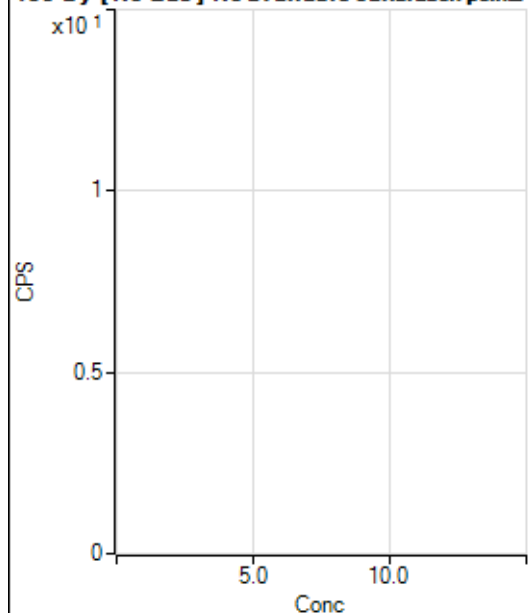
Min Conc: 0

150 Nd [No Gas] No available calibration points

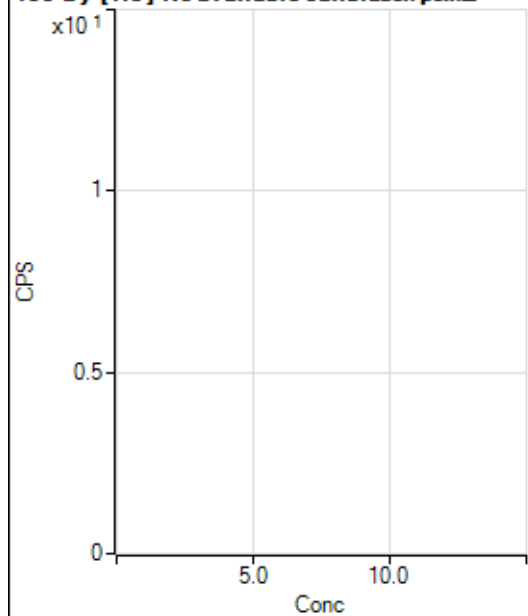
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			8.89		P	57.3
2	<input type="checkbox"/>			2.22		P	173.
3	<input type="checkbox"/>			30.00		P	11.1
4	<input type="checkbox"/>			76.67		P	11.5
5	<input type="checkbox"/>			131.12		P	8.2
6	<input type="checkbox"/>			232.23		P	7.2
7	<input type="checkbox"/>			515.57		P	8.2
8	<input type="checkbox"/>			102.22		P	18.0

150 Nd [He] No available calibration points

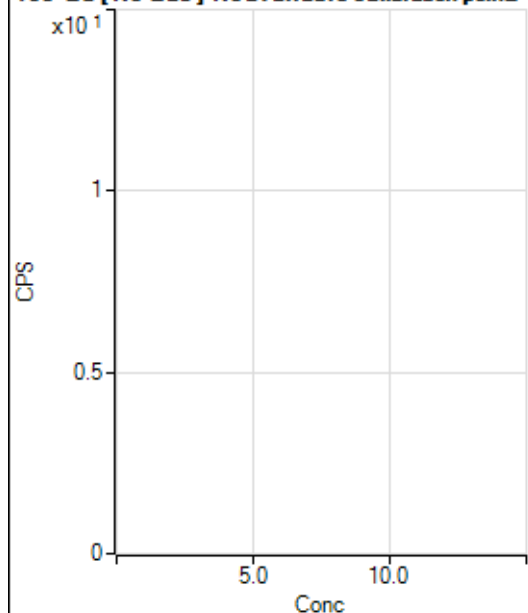
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			2.22		P	86.6
2	<input type="checkbox"/>			1.11		P	173.
3	<input type="checkbox"/>			5.55		P	124.
4	<input type="checkbox"/>			11.11		P	75.5
5	<input type="checkbox"/>			23.33		P	42.9
6	<input type="checkbox"/>			47.78		P	40.3
7	<input type="checkbox"/>			90.00		P	6.4
8	<input type="checkbox"/>			63.33		P	22.9

156 Dy [No Gas] No available calibration points

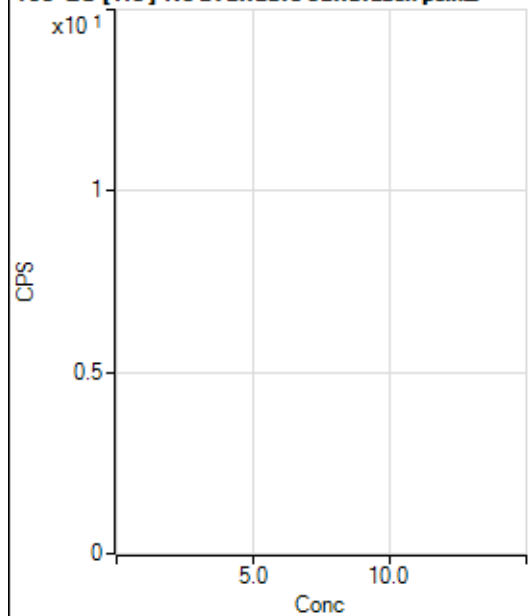
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			172.23		P	22.9
2	<input type="checkbox"/>			146.67		P	11.8
3	<input type="checkbox"/>			157.78		P	4.4
4	<input type="checkbox"/>			163.34		P	11.4
5	<input type="checkbox"/>			171.12		P	14.9
6	<input type="checkbox"/>			183.33		P	17.5
7	<input type="checkbox"/>			287.79		P	6.8
8	<input type="checkbox"/>			341.12		P	13.6

156 Dy [He] No available calibration points

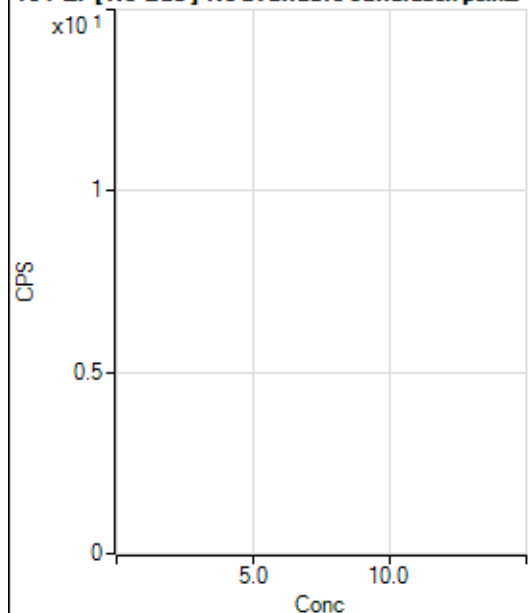
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			28.89		P	13.3
2	<input type="checkbox"/>			23.34		P	24.7
3	<input type="checkbox"/>			53.34		P	28.6
4	<input type="checkbox"/>			57.78		P	12.0
5	<input type="checkbox"/>			103.34		P	19.6
6	<input type="checkbox"/>			193.34		P	12.4
7	<input type="checkbox"/>			342.23		P	11.9
8	<input type="checkbox"/>			190.01		P	11.0

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

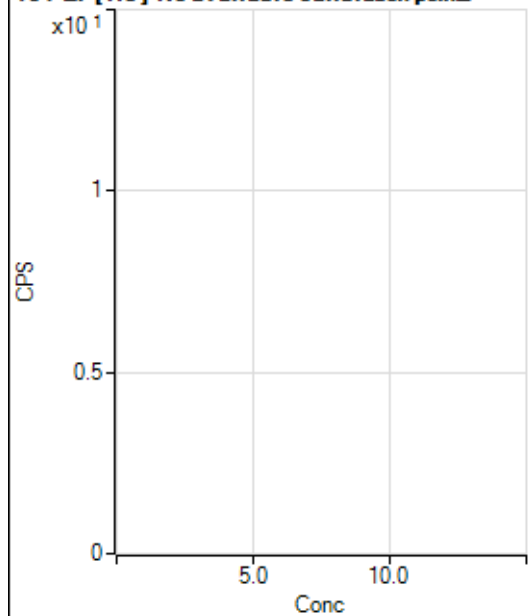
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			16.67		P	69.3
2	<input type="checkbox"/>			18.89		P	44.4
3	<input type="checkbox"/>			25.56		P	54.3
4	<input type="checkbox"/>			30.00		P	40.1
5	<input type="checkbox"/>			43.33		P	30.8
6	<input type="checkbox"/>			58.89		P	18.2
7	<input type="checkbox"/>			98.89		P	28.7
8	<input type="checkbox"/>			216.67		P	1.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			140.00		P	10.9
2	<input type="checkbox"/>			163.34		P	5.4
3	<input type="checkbox"/>			174.45		P	7.7
4	<input type="checkbox"/>			176.67		P	9.4
5	<input type="checkbox"/>			181.12		P	5.9
6	<input type="checkbox"/>			207.78		P	14.0
7	<input type="checkbox"/>			220.00		P	10.9
8	<input type="checkbox"/>			293.34		P	21.8

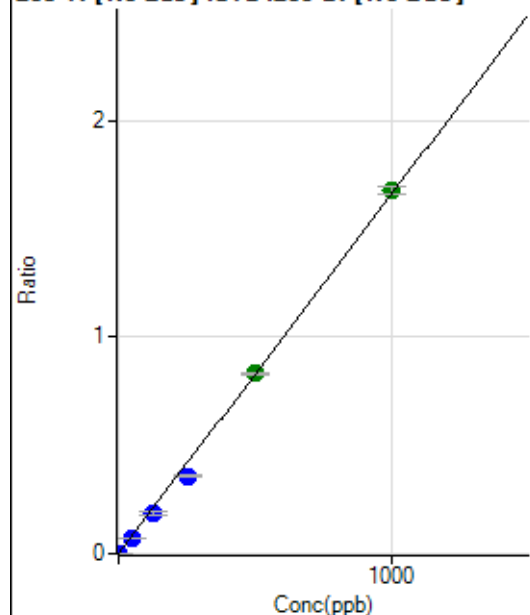
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			20.00		P	33.4
2	<input type="checkbox"/>			24.45		P	28.4
3	<input type="checkbox"/>			25.56		P	37.7
4	<input type="checkbox"/>			33.33		P	43.6
5	<input type="checkbox"/>			41.11		P	54.0
6	<input type="checkbox"/>			66.67		P	13.2
7	<input type="checkbox"/>			80.00		P	18.2
8	<input type="checkbox"/>			181.11		P	18.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			11.11		P	69.3
2	<input type="checkbox"/>			11.11		P	17.3
3	<input type="checkbox"/>			24.44		P	47.9
4	<input type="checkbox"/>			11.11		P	45.8
5	<input type="checkbox"/>			21.11		P	24.1
6	<input type="checkbox"/>			34.45		P	48.7
7	<input type="checkbox"/>			41.11		P	4.7
8	<input type="checkbox"/>			117.78		P	11.4

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	64.44	0.0000	P	35.2
2	<input type="checkbox"/>	1.000	0.803	4820.90	0.0014	P	2.0
3	<input type="checkbox"/>	50.000	42.397	252917.50	0.0704	P	1.3
4	<input type="checkbox"/>	125.000	112.750	650189.45	0.1873	P	11.3
5	<input type="checkbox"/>	250.000	216.310	1276560.18	0.3593	P	1.2
6	<input type="checkbox"/>	500.000	501.770	2946503.05	0.8334	A	0.9
7	<input type="checkbox"/>	1000.000	1009.449	6044180.95	1.6767	A	2.1
8	<input type="checkbox"/>			746.69	0.0002	P	13.6

$$y = 0.0017 * x + 1.8342E-005$$

$$R = 0.9994$$

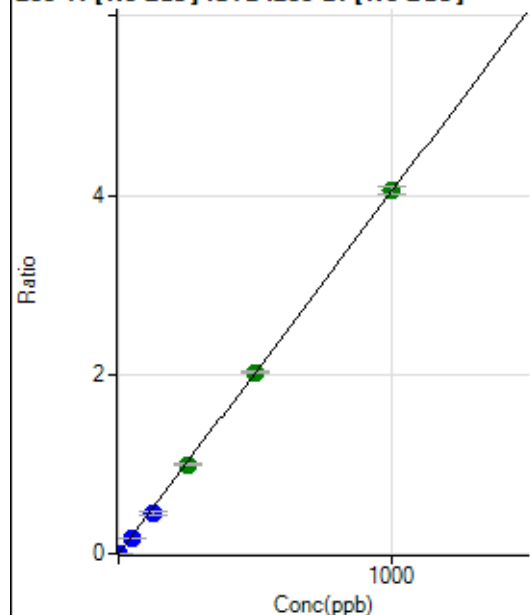
$$DL = 0.01166$$

$$BEC = 0.01104$$

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	173.34	0.0000	P	4.3
2	<input type="checkbox"/>	1.000	0.780	11398.19	0.0032	P	0.7
3	<input type="checkbox"/>	50.000	41.806	606399.97	0.1689	P	0.6
4	<input type="checkbox"/>	125.000	110.218	1545901.07	0.4451	P	10.7
5	<input type="checkbox"/>	250.000	246.972	3543832.69	0.9974	A	0.7
6	<input type="checkbox"/>	500.000	500.814	7150453.64	2.0225	A	0.7
7	<input type="checkbox"/>	1000.000	1002.608	14595597.14	4.0489	A	2.2
8	<input type="checkbox"/>			1794.58	0.0006	P	14.6

$$y = 0.0040 * x + 4.9311E-005$$

$$R = 0.9999$$

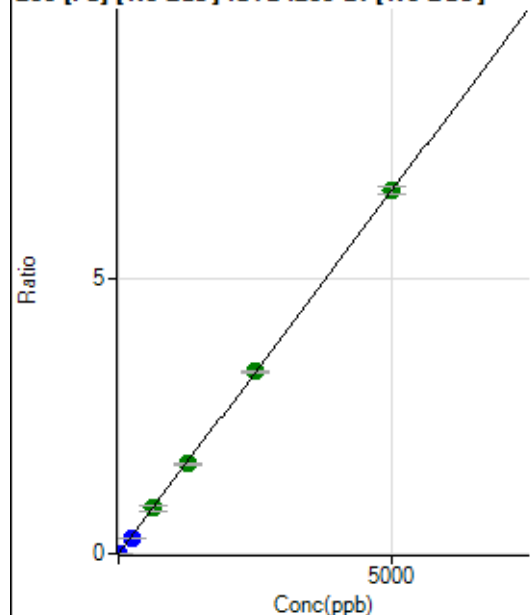
$$DL = 0.001587$$

$$BEC = 0.01221$$

Weight: <None>

Min Conc: 0

206 [Pb] [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	255.56	0.0001	P	3.7
2	<input type="checkbox"/>	1.000	0.791	3982.84	0.0011	P	1.4
3	<input type="checkbox"/>	250.000	210.602	999094.13	0.2783	P	1.5
4	<input type="checkbox"/>	625.000	631.919	2897122.77	0.8348	A	11.6
5	<input type="checkbox"/>	1250.000	1234.410	5792902.62	1.6306	A	2.2
6	<input type="checkbox"/>	2500.000	2507.173	11707845.52	3.3117	A	1.0
7	<input type="checkbox"/>	5000.000	5001.416	23815012.70	6.6063	A	2.0
8	<input type="checkbox"/>			4848.69	0.0015	P	2.3

$$y = 0.0013 * x + 7.2695E-005$$

$$R = 1.0000$$

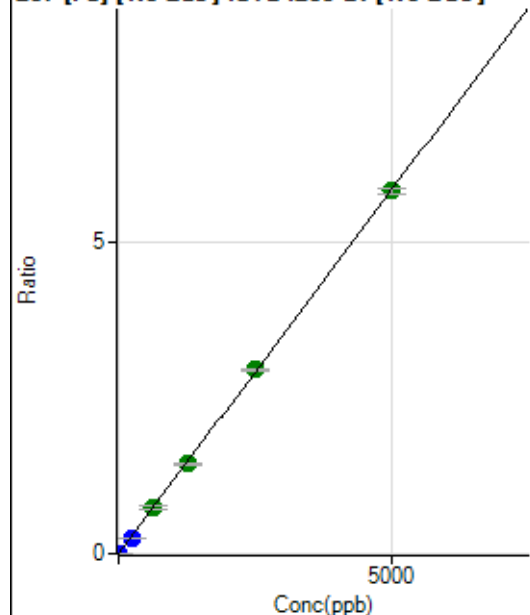
$$DL = 0.006161$$

$$BEC = 0.05504$$

Weight: <None>

Min Conc: 0

207 [Pb] [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	196.67	0.0001	P	8.6
2	<input type="checkbox"/>	1.000	0.798	3526.05	0.0010	P	1.3
3	<input type="checkbox"/>	250.000	209.032	877701.78	0.2444	P	1.2
4	<input type="checkbox"/>	625.000	639.676	2597549.86	0.7479	A	10.6
5	<input type="checkbox"/>	1250.000	1235.447	5131873.74	1.4444	A	1.5
6	<input type="checkbox"/>	2500.000	2528.622	10451464.01	2.9563	A	0.9
7	<input type="checkbox"/>	5000.000	4989.541	21029912.88	5.8334	A	1.5
8	<input type="checkbox"/>			4282.94	0.0014	P	2.2

$$y = 0.0012 * x + 5.5890E-005$$

$$R = 0.9999$$

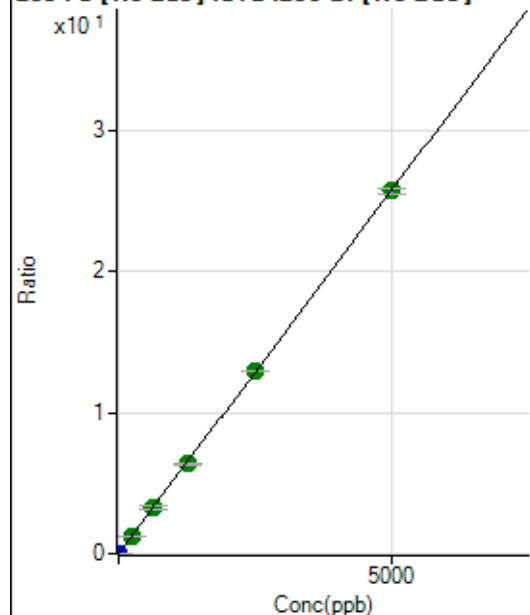
$$DL = 0.01238$$

$$BEC = 0.0478$$

Weight: <None>

Min Conc: 0

208 Pb [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	973.85	0.0003	P	3.4
2	<input type="checkbox"/>	1.000	0.818	16009.35	0.0045	P	0.4
3	<input type="checkbox"/>	250.000	226.610	4192324.09	1.1676	A	1.3
4	<input type="checkbox"/>	625.000	637.522	11402922.18	3.2842	A	11.0
5	<input type="checkbox"/>	1250.000	1240.529	22703436.68	6.3904	A	1.8
6	<input type="checkbox"/>	2500.000	2516.429	45826829.42	12.9627	A	0.9
7	<input type="checkbox"/>	5000.000	4993.758	92737289.77	25.7236	A	1.3
8	<input type="checkbox"/>			19076.72	0.0060	P	3.0

$$y = 0.0052 * x + 2.7690E-004$$

$$R = 1.0000$$

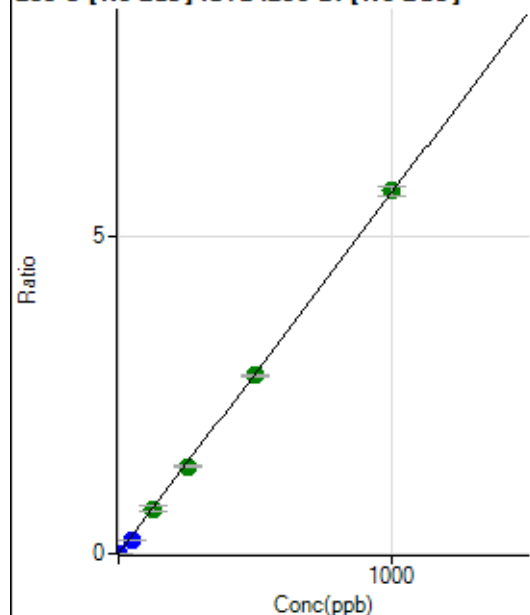
$$DL = 0.005538$$

$$BEC = 0.05376$$

Weight: <None>

Min Conc: 0

238 U [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	18.89	0.0000	P	27.8
2	<input type="checkbox"/>	1.000	0.762	15405.64	0.0043	P	2.5
3	<input type="checkbox"/>	50.000	39.467	803237.57	0.2237	P	1.8
4	<input type="checkbox"/>	125.000	125.062	2461622.27	0.7089	A	10.8
5	<input type="checkbox"/>	250.000	240.413	4841377.15	1.3627	A	1.8
6	<input type="checkbox"/>	500.000	494.250	9904407.77	2.8015	A	0.9
7	<input type="checkbox"/>	1000.000	1005.791	20550646.08	5.7009	A	2.5
8	<input type="checkbox"/>			731.14	0.0002	P	7.5

$$y = 0.0057 * x + 5.3753E-006$$

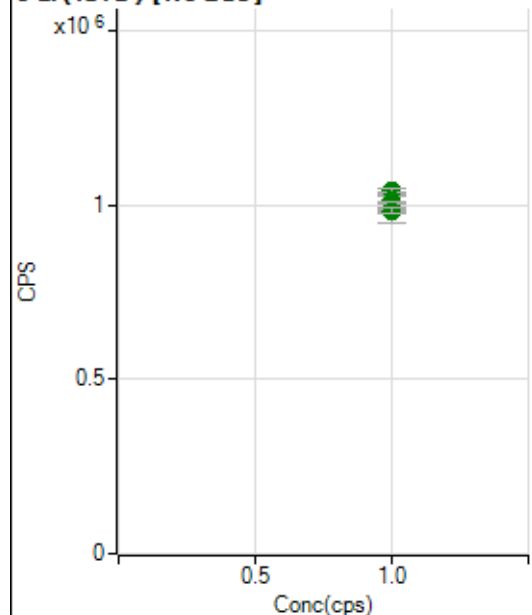
$$R = 0.9999$$

$$DL = 0.0007899$$

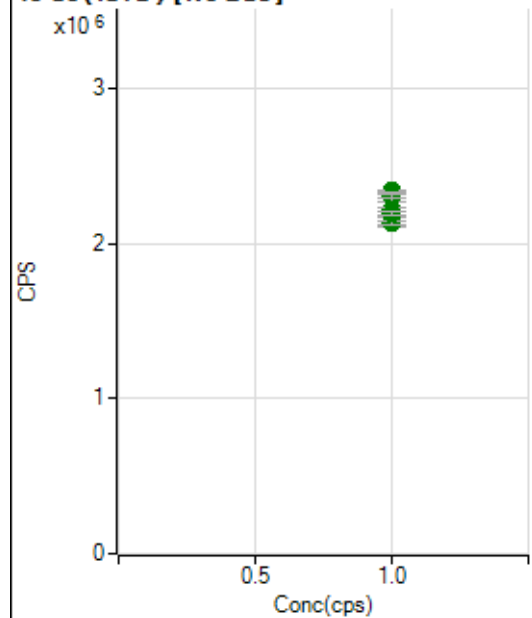
$$BEC = 0.0009483$$

Weight: <None>

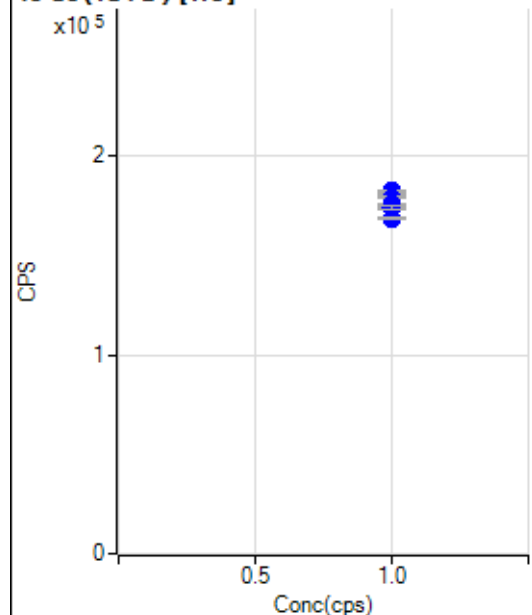
Min Conc: 0

6 Li (ISTD) [No Gas]

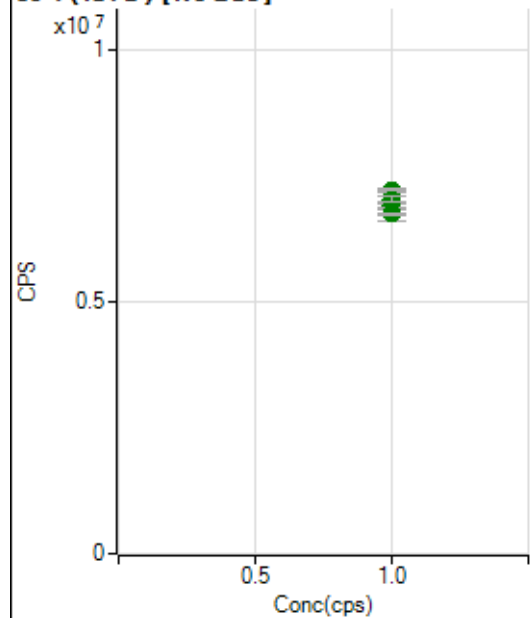
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1011182.21		A	3.7
2	<input type="checkbox"/>	1.000		1041999.14		A	1.2
3	<input type="checkbox"/>	1.000		1039767.82		A	1.9
4	<input type="checkbox"/>	1.000		994056.16		A	9.1
5	<input type="checkbox"/>	1.000		1015147.93		A	2.5
6	<input type="checkbox"/>	1.000		987104.40		A	0.3
7	<input type="checkbox"/>	1.000		1009309.11		A	0.8
8	<input type="checkbox"/>	1.000		985044.93		A	1.5

45 Sc (ISTD) [No Gas]

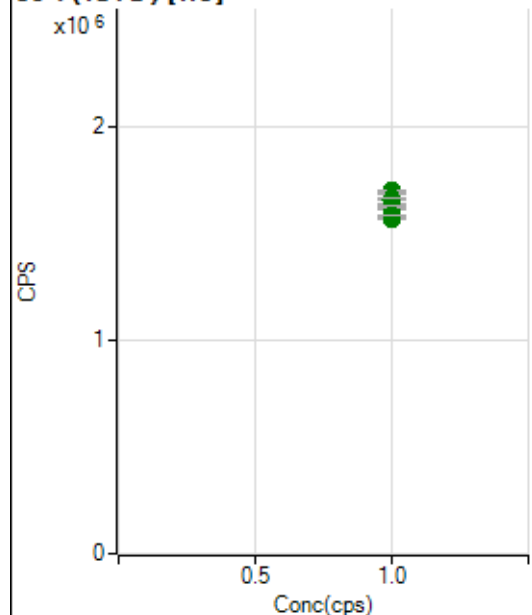
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2303000.02		A	3.2
2	<input type="checkbox"/>	1.000		2338674.98		A	0.8
3	<input type="checkbox"/>	1.000		2306311.98		A	1.4
4	<input type="checkbox"/>	1.000		2218476.90		A	9.5
5	<input type="checkbox"/>	1.000		2183409.22		A	1.8
6	<input type="checkbox"/>	1.000		2130300.82		A	1.0
7	<input type="checkbox"/>	1.000		2217327.75		A	0.9
8	<input type="checkbox"/>	1.000		2196671.11		A	1.3

45 Sc (ISTD) [He]

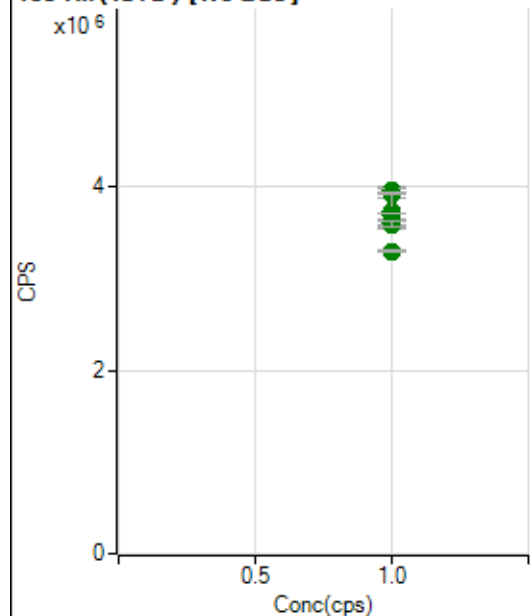
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		181374.14		P	0.3
2	<input type="checkbox"/>	1.000		181976.16		P	0.6
3	<input type="checkbox"/>	1.000		182366.26		P	0.5
4	<input type="checkbox"/>	1.000		179234.85		P	0.4
5	<input type="checkbox"/>	1.000		173656.41		P	0.1
6	<input type="checkbox"/>	1.000		168552.80		P	0.6
7	<input type="checkbox"/>	1.000		175871.47		P	0.4
8	<input type="checkbox"/>	1.000		173683.61		P	1.1

89 Y (ISTD) [No Gas]

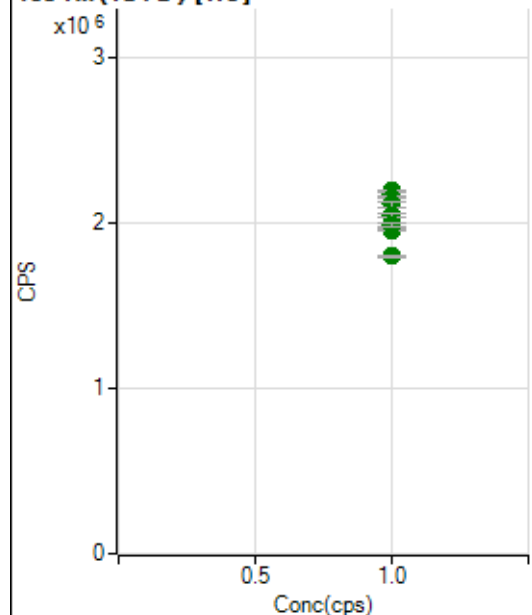
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		7094825.94		A	2.6
2	<input type="checkbox"/>	1.000		7204217.74		A	0.5
3	<input type="checkbox"/>	1.000		7203457.04		A	0.3
4	<input type="checkbox"/>	1.000		6927431.63		A	9.3
5	<input type="checkbox"/>	1.000		6893132.12		A	1.1
6	<input type="checkbox"/>	1.000		6859979.28		A	0.3
7	<input type="checkbox"/>	1.000		7040562.05		A	1.3
8	<input type="checkbox"/>	1.000		6750848.30		A	0.4

89 Y (ISTD) [He]

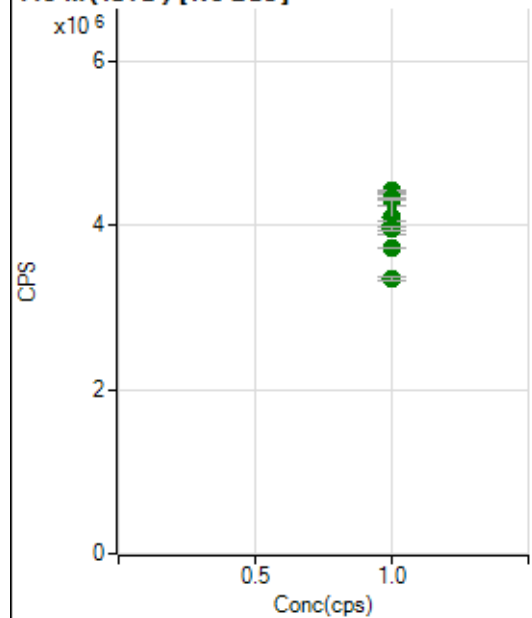
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1695888.98		A	1.1
2	<input type="checkbox"/>	1.000		1701292.82		A	0.2
3	<input type="checkbox"/>	1.000		1672110.11		A	1.2
4	<input type="checkbox"/>	1.000		1655818.32		A	1.4
5	<input type="checkbox"/>	1.000		1624414.72		A	0.7
6	<input type="checkbox"/>	1.000		1571042.01		A	0.6
7	<input type="checkbox"/>	1.000		1624014.89		A	0.4
8	<input type="checkbox"/>	1.000		1587000.36		A	0.4

103 Rh (ISTD) [No Gas]

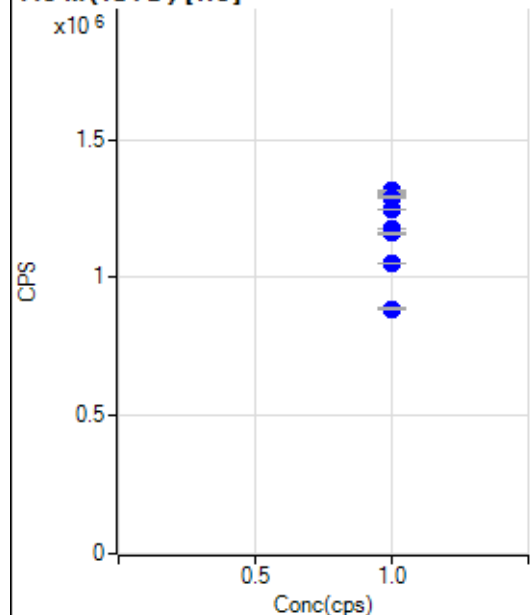
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3950168.93		A	3.4
2	<input type="checkbox"/>	1.000		3959795.32		A	1.0
3	<input type="checkbox"/>	1.000		3933922.30		A	0.5
4	<input type="checkbox"/>	1.000		3741295.74		A	10.4
5	<input type="checkbox"/>	1.000		3688690.02		A	1.7
6	<input type="checkbox"/>	1.000		3587636.65		A	0.1
7	<input type="checkbox"/>	1.000		3602345.15		A	2.1
8	<input type="checkbox"/>	1.000		3297869.26		A	0.6

103 Rh (ISTD) [He]

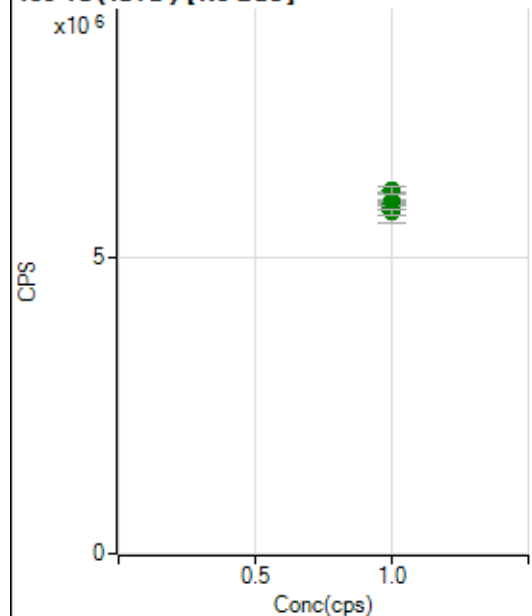
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2182622.97		A	1.1
2	<input type="checkbox"/>	1.000		2197207.82		A	0.8
3	<input type="checkbox"/>	1.000		2159184.97		A	0.7
4	<input type="checkbox"/>	1.000		2115521.86		A	1.4
5	<input type="checkbox"/>	1.000		2047304.22		A	1.3
6	<input type="checkbox"/>	1.000		1960589.90		A	0.5
7	<input type="checkbox"/>	1.000		1991516.08		A	1.3
8	<input type="checkbox"/>	1.000		1800453.69		A	1.1

115 In (ISTD) [No Gas]

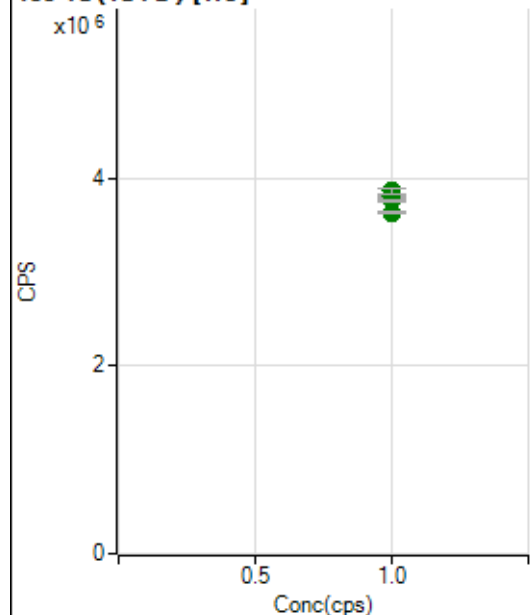
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4314096.78		A	3.3
2	<input type="checkbox"/>	1.000		4416487.61		A	0.7
3	<input type="checkbox"/>	1.000		4320477.24		A	0.9
4	<input type="checkbox"/>	1.000		4103581.53		A	10.3
5	<input type="checkbox"/>	1.000		4012885.79		A	1.4
6	<input type="checkbox"/>	1.000		3721528.10		A	0.4
7	<input type="checkbox"/>	1.000		3353376.16		A	1.2
8	<input type="checkbox"/>	1.000		3954681.00		A	0.7

115 In (ISTD) [He]

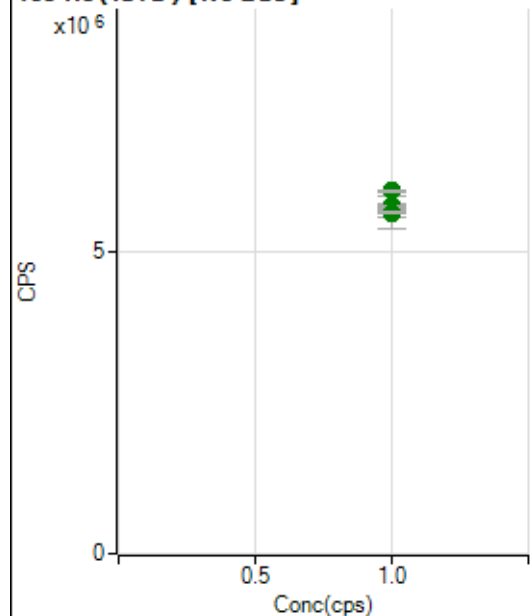
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1305656.41		P	0.4
2	<input type="checkbox"/>	1.000		1313359.20		P	0.6
3	<input type="checkbox"/>	1.000		1290708.79		P	0.4
4	<input type="checkbox"/>	1.000		1245213.76		P	0.3
5	<input type="checkbox"/>	1.000		1174286.56		P	0.2
6	<input type="checkbox"/>	1.000		1051748.58		P	0.4
7	<input type="checkbox"/>	1.000		887392.96		P	1.5
8	<input type="checkbox"/>	1.000		1159597.30		P	0.3

159 Tb (ISTD) [No Gas]

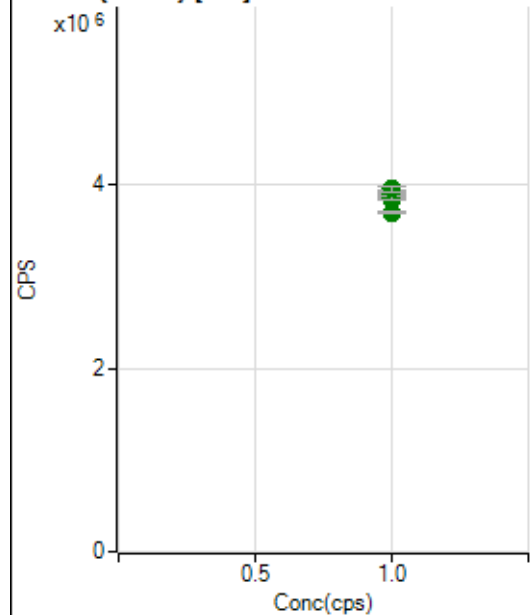
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5886094.91		A	2.7
2	<input type="checkbox"/>	1.000		5905422.69		A	0.2
3	<input type="checkbox"/>	1.000		5923016.79		A	0.8
4	<input type="checkbox"/>	1.000		5830471.16		A	9.1
5	<input type="checkbox"/>	1.000		5883585.19		A	1.0
6	<input type="checkbox"/>	1.000		5852628.04		A	0.4
7	<input type="checkbox"/>	1.000		6105854.70		A	2.2
8	<input type="checkbox"/>	1.000		5748371.93		A	1.9

159 Tb (ISTD) [He]

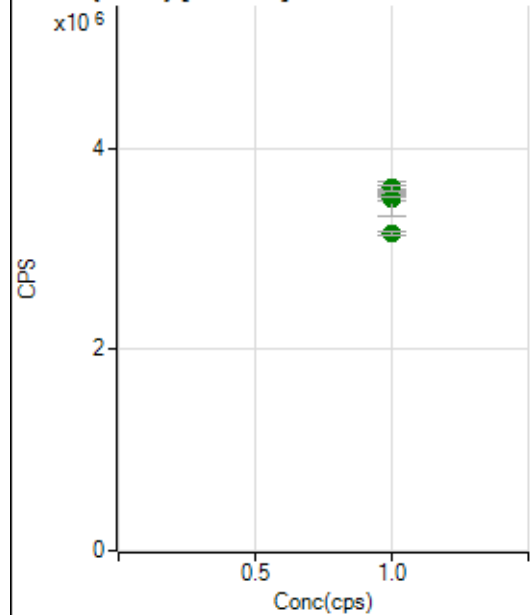
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3797003.52		A	0.5
2	<input type="checkbox"/>	1.000		3808031.92		A	1.2
3	<input type="checkbox"/>	1.000		3809402.62		A	0.7
4	<input type="checkbox"/>	1.000		3809083.41		A	0.5
5	<input type="checkbox"/>	1.000		3815098.28		A	1.0
6	<input type="checkbox"/>	1.000		3762522.69		A	0.8
7	<input type="checkbox"/>	1.000		3864669.59		A	1.7
8	<input type="checkbox"/>	1.000		3634951.79		A	0.6

165 Ho (ISTD) [No Gas]

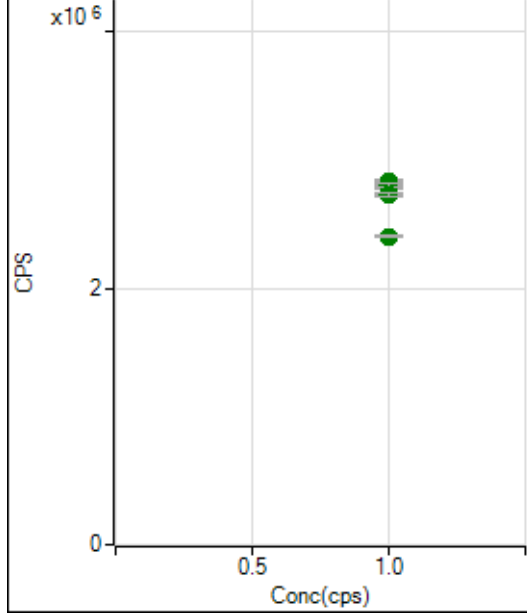
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5662829.36		A	2.6
2	<input type="checkbox"/>	1.000		5723735.54		A	1.0
3	<input type="checkbox"/>	1.000		5753391.30		A	0.4
4	<input type="checkbox"/>	1.000		5650235.06		A	9.9
5	<input type="checkbox"/>	1.000		5768914.84		A	1.4
6	<input type="checkbox"/>	1.000		5751071.93		A	0.8
7	<input type="checkbox"/>	1.000		6008199.98		A	0.7
8	<input type="checkbox"/>	1.000		5647572.42		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3838697.13		A	0.2
2	<input type="checkbox"/>	1.000		3839040.32		A	0.6
3	<input type="checkbox"/>	1.000		3886462.68		A	0.3
4	<input type="checkbox"/>	1.000		3860905.57		A	0.9
5	<input type="checkbox"/>	1.000		3907235.01		A	1.6
6	<input type="checkbox"/>	1.000		3857900.01		A	1.3
7	<input type="checkbox"/>	1.000		3956004.56		A	1.4
8	<input type="checkbox"/>	1.000		3697262.44		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3517616.40		A	2.4
2	<input type="checkbox"/>	1.000		3564443.42		A	0.2
3	<input type="checkbox"/>	1.000		3590819.15		A	0.5
4	<input type="checkbox"/>	1.000		3498233.52		A	10.2
5	<input type="checkbox"/>	1.000		3553170.26		A	0.9
6	<input type="checkbox"/>	1.000		3535403.77		A	0.6
7	<input type="checkbox"/>	1.000		3605595.68		A	1.5
8	<input type="checkbox"/>	1.000		3156965.26		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2794558.99		A	1.1
2	<input type="checkbox"/>	1.000		2827987.04		A	1.1
3	<input type="checkbox"/>	1.000		2822683.12		A	0.6
4	<input type="checkbox"/>	1.000		2787126.17		A	0.4
5	<input type="checkbox"/>	1.000		2801232.77		A	0.9
6	<input type="checkbox"/>	1.000		2721646.35		A	0.7
7	<input type="checkbox"/>	1.000		2729659.15		A	0.7
8	<input type="checkbox"/>	1.000		2404623.26		A	0.5

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7101024-MS1.b

Acq. Date-Time 2024-10-10 10:13:15

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		2610	26095.44			0.927	5.000
24		88339	883392.95			0.904	5.000
25		11372	113717.53			0.576	5.000
26		12631	126310.74			0.638	5.000
59		21072	210721.15			0.852	5.000
113		1865	18649.88			1.161	5.000
115		41565	415647.94			0.888	5.000
206		9397	93972.16			0.781	5.000
207		7850	78502.68			1.088	5.000
208		18981	189809.61			0.944	5.000
220		0	3.00			51.370	

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

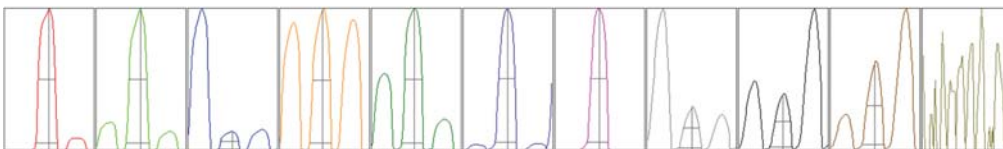
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2629	2616	2615	2567	2620
24	89161	89019	88152	87173	88192
25	11384	11422	11364	11264	11425
26	12657	12687	12672	12489	12650
59	21265	21152	21105	20782	21056
113	1884	1878	1875	1831	1855
115	41957	41868	41552	41041	41406
206	9423	9413	9494	9298	9358
207	7898	7971	7820	7751	7811
208	19108	19140	19000	18687	18970

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	4842.07	9.00	8.90 - 9.10	
24	158370.36	24.00	23.90 - 24.10	
25	20528.07	25.00	24.90 - 25.10	
26	22585.95	25.95	25.90 - 26.10	
59	37417.41	58.95	58.90 - 59.10	
113	3571.86	113.00	112.90 - 113.10	
115	80005.58	115.00	114.90 - 115.10	
206	19033.87	206.05	205.90 - 206.10	
207	15409.29	207.00	206.90 - 207.10	
208	37922.74	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.56	0.728	0.900	
24	0.59	0.776	0.900	
25	0.59	0.702	0.900	
26	0.59	0.737	0.900	
59	0.58	0.729	0.900	
113	0.53	0.727	0.900	
115	0.53	0.726	0.900	
206	0.51	0.752	0.900	
207	0.52	0.744	0.900	
208	0.51	0.740	0.900	
220				

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	7.8 V	Deflect	16.4 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	180 V		

QP Parameters

Mass Gain	135	Axis Gain	0.9979	QP Bias	-3.0 V
Mass Offset	131	Axis Offset	0.10		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.7 mm
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EM

Discriminator	4.9 mV	Analog HV	2385 V	Pulse HV	1685 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		6653	66530.99			1.480	
89		67206	672062.59			1.438	
205		22596	225960.79			1.397	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	6763	6721	6659	6611	6511
89	67874	67982	67522	67046	65606
205	22833	22735	22803	22541	22069

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	8.4 V	Deflect	3.6 V
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US EPA Tune Check Report

Extract 2	-110.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-60 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	135	Axis Gain	0.9979	QP Bias	-13.0 V
Mass Offset	131	Axis Offset	0.10		
Hardware Settings					
Torch					
Torch H	-0.5 mm	Torch V	0.7 mm		
EM					
Discriminator	4.9 mV	Analog HV	2385 V	Pulse HV	1685 V