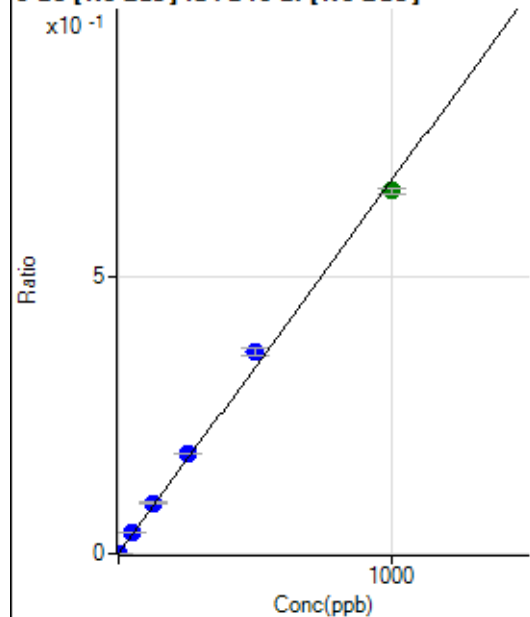


Calibration for 010CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7101623-MS.b\
 Analysis File: P7101623-MS.batch.bin
 DA Date-Time: 2023-10-16 16:37:41
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-10-16 13:52:36
2	006CAL.S.d	S02	2023-10-16 13:59:12
3	007CAL.S.d	S03	2023-10-16 14:02:29
4	008CAL.S.d	S04	2023-10-16 14:05:36
5	009CAL.S.d	S05	2023-10-16 14:08:32
6	010CAL.S.d	S06	2023-10-16 14:11:23
7	011CAL.S.d	S07	2023-10-16 14:14:11
8	012CAL.S.d	S08	2023-10-16 14:17:01

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	158.89	0.0001	P	18.9
2	<input type="checkbox"/>	1.000	1.108	1944.59	0.0008	P	4.4
3	<input type="checkbox"/>	50.000	56.183	92879.65	0.0378	P	5.5
4	<input type="checkbox"/>	125.000	135.952	223428.21	0.0915	P	1.5
5	<input type="checkbox"/>	250.000	268.243	427349.63	0.1804	P	0.0
6	<input type="checkbox"/>	500.000	542.323	829335.41	0.3647	P	3.8
7	<input type="checkbox"/>	1000.000	972.600	1502782.63	0.6539	A	1.9
8	<input type="checkbox"/>			654.47	0.0003	P	7.1

$$y = 6.7228\text{E-}004 * x + 6.5888\text{E-}005$$

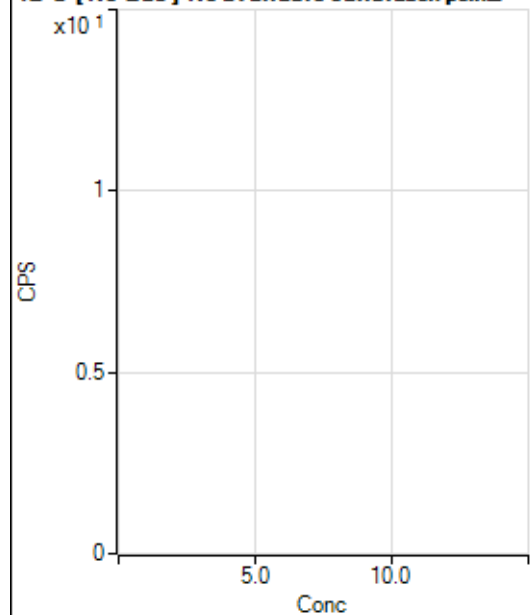
$$R = 0.9984$$

$$DL = 0.05558$$

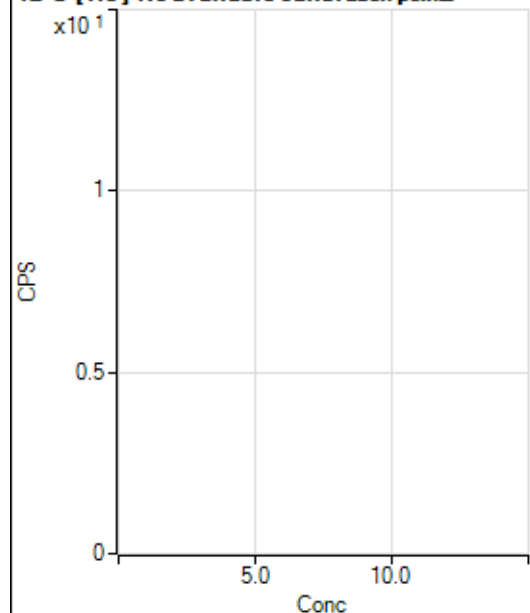
$$BEC = 0.09801$$

Weight: <None>

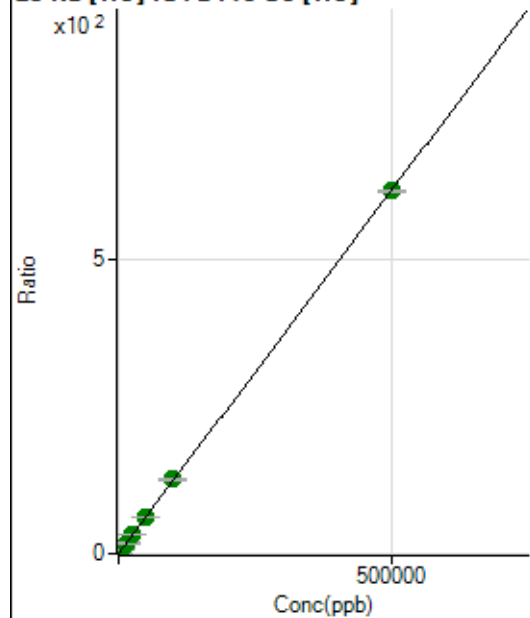
Min Conc: 0

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	15519.04	0.0374	P	1.0
2	<input type="checkbox"/>	500.000	489.522	270906.58	0.6413	P	1.0
3	<input type="checkbox"/>	5000.000	5276.363	2696073.74	6.5467	A	1.0
4	<input type="checkbox"/>	12500.000	14079.249	6556786.29	17.4065	A	13.4
5	<input type="checkbox"/>	25000.000	26013.882	12649437.73	32.1299	A	1.0
6	<input type="checkbox"/>	50000.000	50832.059	24878680.46	62.7473	A	0.2
7	<input type="checkbox"/>	100000.00	101936.63	48773021.50	125.7934	A	0.3
8	<input type="checkbox"/>	500000.00	499436.54	229697958.8	616.1766	A	0.8

$$y = 0.0012 * x + 0.0374$$

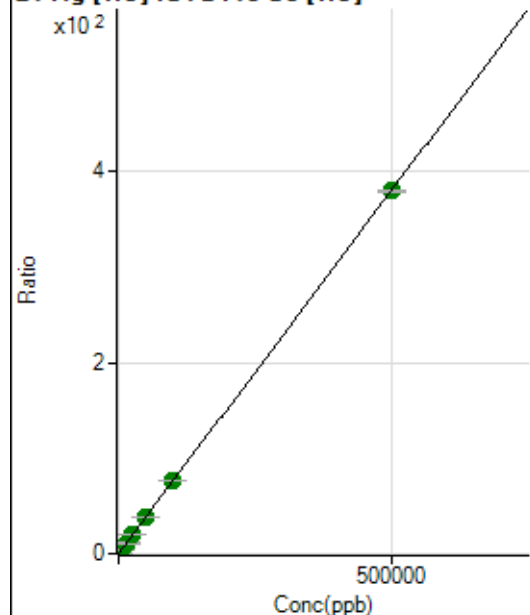
$$R = 1.0000$$

$$DL = 0.8976$$

$$BEC = 30.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	754.47	0.0018	P	4.9
2	<input type="checkbox"/>	500.000	484.241	156256.11	0.3699	P	0.8
3	<input type="checkbox"/>	5000.000	5378.131	1684311.61	4.0898	A	0.9
4	<input type="checkbox"/>	12500.000	14198.870	4071559.39	10.7944	A	11.6
5	<input type="checkbox"/>	25000.000	26204.610	7842588.01	19.9201	A	0.7
6	<input type="checkbox"/>	50000.000	50960.841	15359043.94	38.7374	A	0.1
7	<input type="checkbox"/>	100000.00	101560.42	29931595.67	77.1983	A	0.5
8	<input type="checkbox"/>	500000.00	499485.36	141531962.3	379.6628	A	0.2

$$y = 7.6010\text{E-}004 * x + 0.0018$$

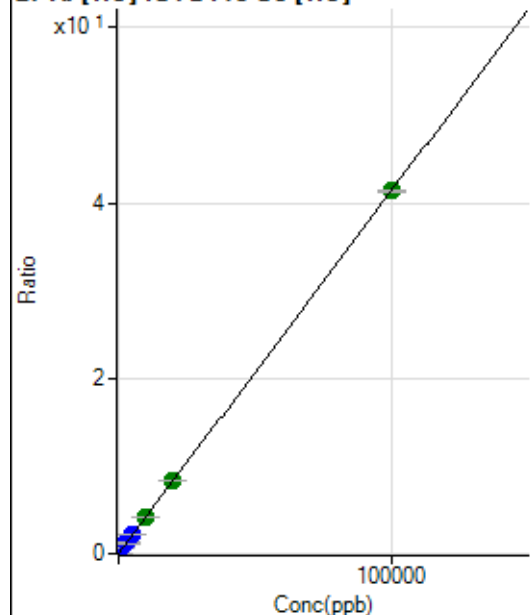
$$R = 1.0000$$

$$DL = 0.35$$

$$BEC = 2.392$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	852.26	0.0021	P	7.5
2	<input type="checkbox"/>	20.000	20.429	4438.47	0.0105	P	0.4
3	<input type="checkbox"/>	1000.000	1335.217	228390.64	0.5546	P	0.3
4	<input type="checkbox"/>	2500.000	2996.458	468449.80	1.2420	P	11.6
5	<input type="checkbox"/>	5000.000	5314.026	866542.42	2.2011	P	1.2
6	<input type="checkbox"/>	10000.000	10022.539	1645201.16	4.1495	A	1.1
7	<input type="checkbox"/>	20000.000	20097.643	3225350.65	8.3187	A	0.8
8	<input type="checkbox"/>	100000.00	99946.753	15418726.30	41.3612	A	0.2

$$y = 4.1381\text{E-}004 * x + 0.0021$$

$$R = 1.0000$$

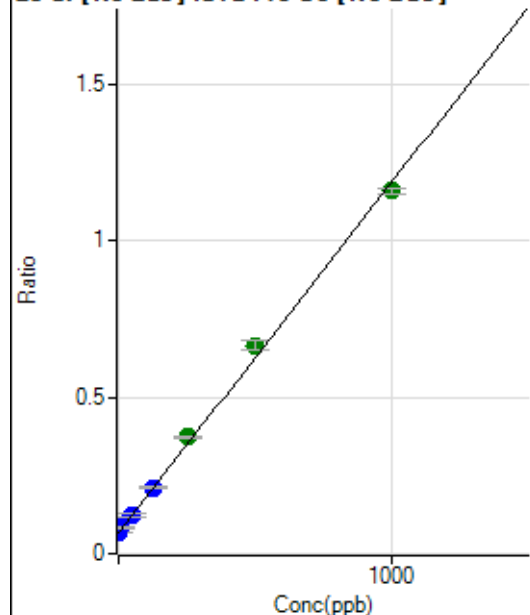
$$DL = 1.112$$

$$BEC = 4.962$$

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	348678.26	0.0668	P	1.0
2	<input type="checkbox"/>	10.000	14.574	438831.99	0.0832	P	2.2
3	<input type="checkbox"/>	50.000	50.576	658386.67	0.1234	P	6.4
4	<input type="checkbox"/>	125.000	128.688	1101206.60	0.2108	P	1.3
5	<input type="checkbox"/>	250.000	272.589	1871955.01	0.3719	A	1.6
6	<input type="checkbox"/>	500.000	535.493	3227437.14	0.6660	A	4.4
7	<input type="checkbox"/>	1000.000	976.071	5698465.61	1.1590	A	1.3
8	<input type="checkbox"/>			862760.34	0.1807	P	7.5

$$y = 0.0011 * x + 0.0668$$

$$R = 0.9987$$

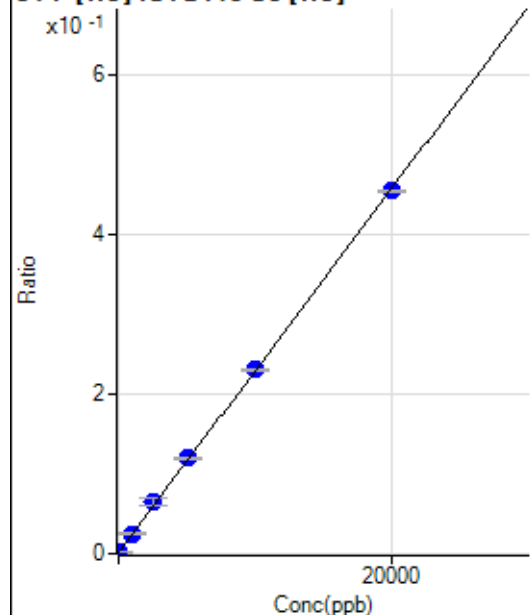
$$DL = 1.87$$

$$BEC = 59.74$$

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	-9.610	464.46	0.0011	P	10.4
2	<input type="checkbox"/>	0.000	9.610	657.80	0.0016	P	10.3
3	<input type="checkbox"/>	1000.000	1048.040	10381.37	0.0252	P	1.4
4	<input type="checkbox"/>	2500.000	2801.063	24524.17	0.0651	P	14.0
5	<input type="checkbox"/>	5000.000	5194.719	47107.79	0.1197	P	1.3
6	<input type="checkbox"/>	10000.000	10054.831	91332.34	0.2303	P	0.5
7	<input type="checkbox"/>	20000.000	19883.870	176111.16	0.4542	P	0.4
8	<input type="checkbox"/>			447.79	0.0012	P	13.2

$$y = 2.2776E-005 * x + 0.0013$$

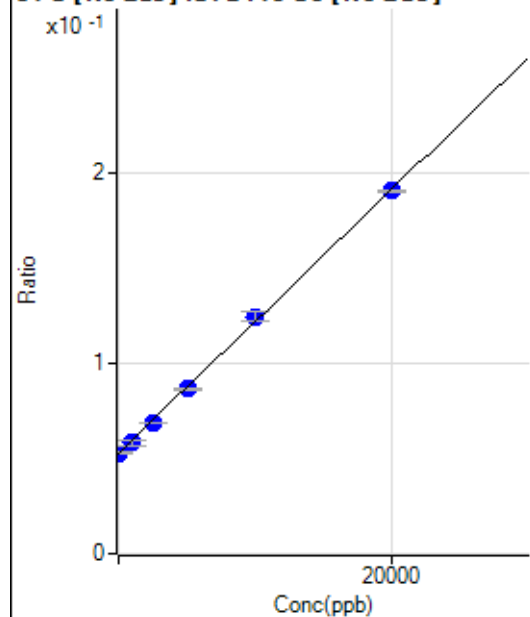
$$R = 0.9999$$

$$DL = 18.25$$

$$BEC = 58.75$$

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	-5.696	275741.94	0.0529	P	1.2
2	<input type="checkbox"/>	0.000	5.696	279402.35	0.0529	P	1.9
3	<input type="checkbox"/>	1000.000	804.006	312075.52	0.0585	P	5.3
4	<input type="checkbox"/>	2500.000	2331.138	360811.87	0.0691	P	0.4
5	<input type="checkbox"/>	5000.000	4876.734	436687.23	0.0867	P	0.6
6	<input type="checkbox"/>	10000.000	10374.003	605165.10	0.1249	P	4.6
7	<input type="checkbox"/>	20000.000	19874.722	938229.11	0.1908	P	0.2
8	<input type="checkbox"/>			231606.05	0.0485	P	0.8

$$y = 6.9397\text{E-}006 * x + 0.0529$$

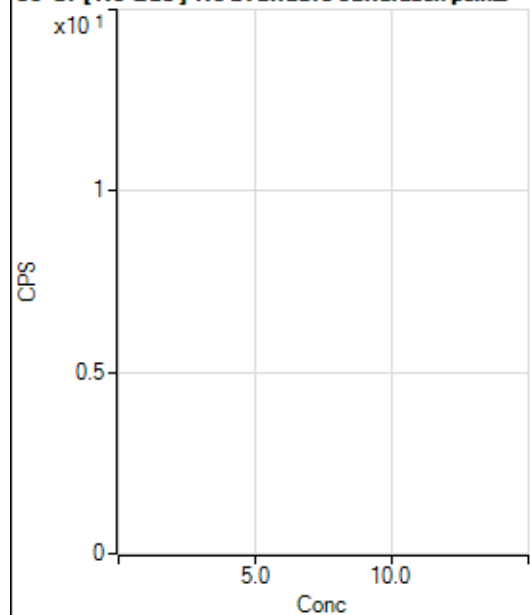
$$R = 0.9997$$

$$DL = 360.1$$

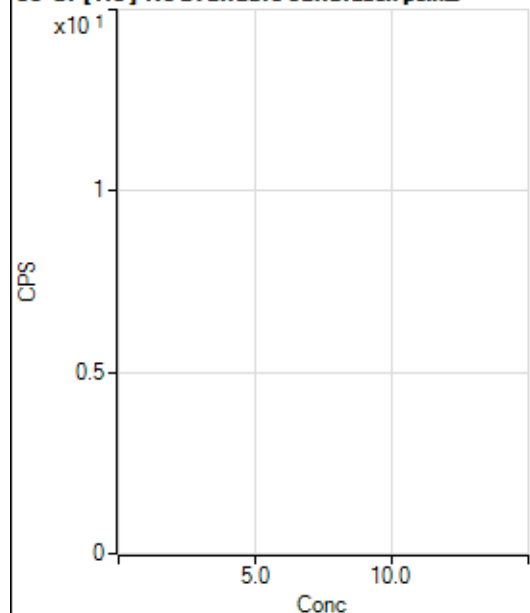
$$BEC = 7623$$

Weight: <None>

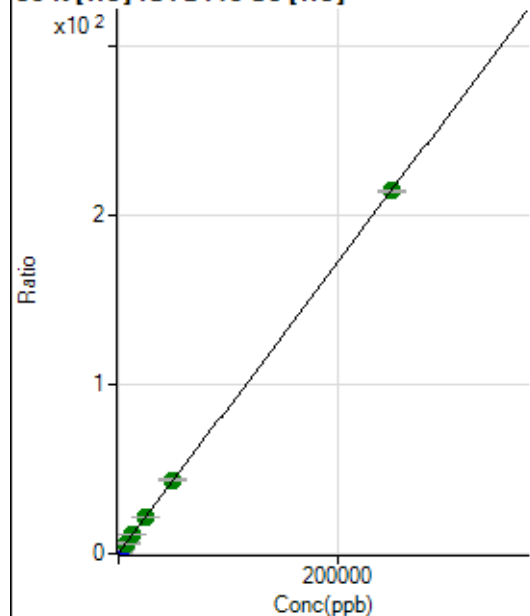
Min Conc: 0

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	71184.21	0.1715	P	1.4
2	<input type="checkbox"/>	500.000	486.600	248438.36	0.5881	P	0.3
3	<input type="checkbox"/>	2500.000	2811.577	1061981.60	2.5787	P	0.4
4	<input type="checkbox"/>	6250.000	7015.480	2328650.88	6.1779	A	12.5
5	<input type="checkbox"/>	12500.000	12913.792	4420433.89	11.2279	A	0.4
6	<input type="checkbox"/>	25000.000	25358.512	8676181.88	21.8827	A	0.5
7	<input type="checkbox"/>	50000.000	50752.348	16914084.75	43.6241	A	0.5
8	<input type="checkbox"/>	250000.00	249770.76	79780321.03	214.0174	A	0.8

$$y = 8.5617\text{E-}004 * x + 0.1715$$

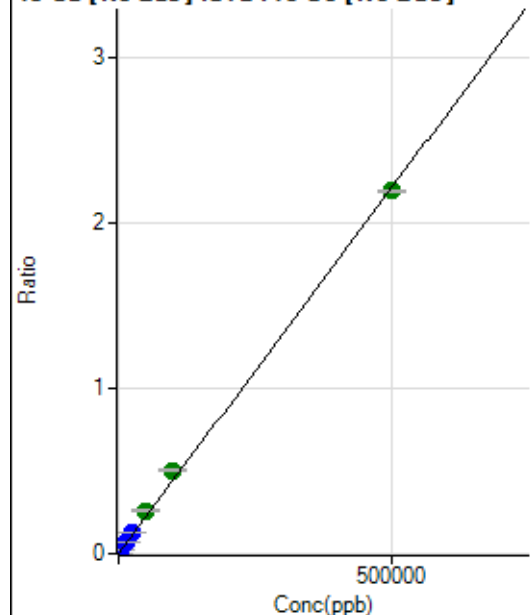
$$R = 1.0000$$

$$DL = 8.139$$

$$BEC = 200.3$$

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	1492.31	0.0003	P	3.7
2	<input type="checkbox"/>	500.000	477.729	12654.27	0.0024	P	0.7
3	<input type="checkbox"/>	5000.000	6051.032	144178.15	0.0270	P	5.9
4	<input type="checkbox"/>	12500.000	14948.872	346514.12	0.0663	P	0.9
5	<input type="checkbox"/>	25000.000	29823.576	664852.95	0.1321	P	0.9
6	<input type="checkbox"/>	50000.000	58619.676	1256369.64	0.2593	A	4.9
7	<input type="checkbox"/>	100000.00	113651.48	2470509.60	0.5025	A	1.2
8	<input type="checkbox"/>	500000.00	496094.84	10467889.29	2.1925	A	0.2

$$y = 4.4189\text{E-}006 * x + 2.8603\text{E-}004$$

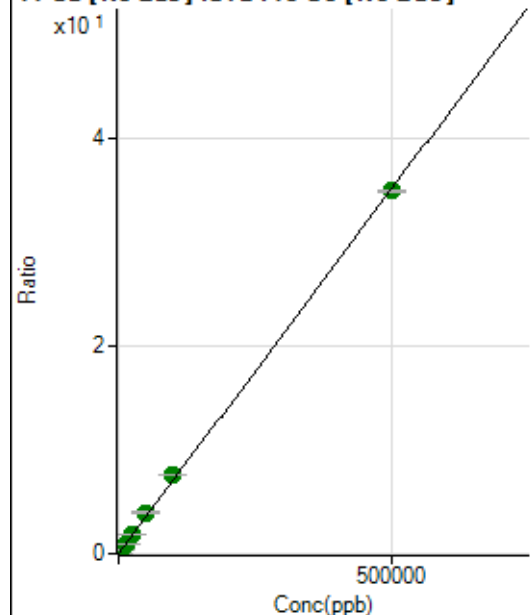
$$R = 0.9995$$

$$DL = 7.255$$

$$BEC = 64.73$$

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	19819.71	0.0038	P	1.1
2	<input type="checkbox"/>	500.000	488.685	201266.29	0.0381	P	1.7
3	<input type="checkbox"/>	5000.000	5590.169	2115370.78	0.3966	A	6.2
4	<input type="checkbox"/>	12500.000	13794.832	5082209.30	0.9730	A	0.7
5	<input type="checkbox"/>	25000.000	27524.289	9754320.41	1.9377	A	0.6
6	<input type="checkbox"/>	50000.000	56279.374	19172385.83	3.9580	A	5.6
7	<input type="checkbox"/>	100000.00	108973.74	37662441.11	7.6603	A	0.4
8	<input type="checkbox"/>	500000.00	497412.83	166878150.8	34.9520	A	0.6

$$y = 7.0260\text{E-}005 * x + 0.0038$$

$$R = 0.9998$$

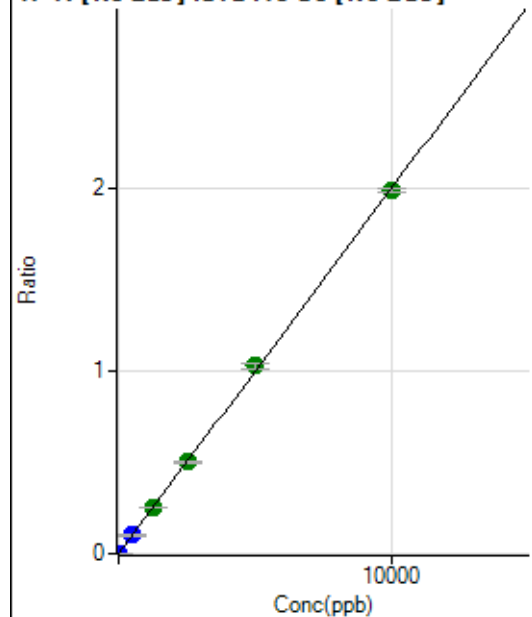
$$DL = 1.796$$

$$BEC = 54.08$$

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	132.23	0.0000	P	12.6
2	<input type="checkbox"/>	5.000	4.782	5169.82	0.0010	P	2.6
3	<input type="checkbox"/>	500.000	512.039	545314.04	0.1022	P	5.8
4	<input type="checkbox"/>	1250.000	1260.853	1314408.86	0.2516	A	0.9
5	<input type="checkbox"/>	2500.000	2502.741	2514437.45	0.4995	A	0.9
6	<input type="checkbox"/>	5000.000	5132.320	4964065.72	1.0243	A	3.9
7	<input type="checkbox"/>	10000.000	9931.196	9744282.84	1.9820	A	1.1
8	<input type="checkbox"/>			1754.57	0.0004	P	12.8

$$y = 1.9957E-004 * x + 2.5353E-005$$

$$R = 0.9999$$

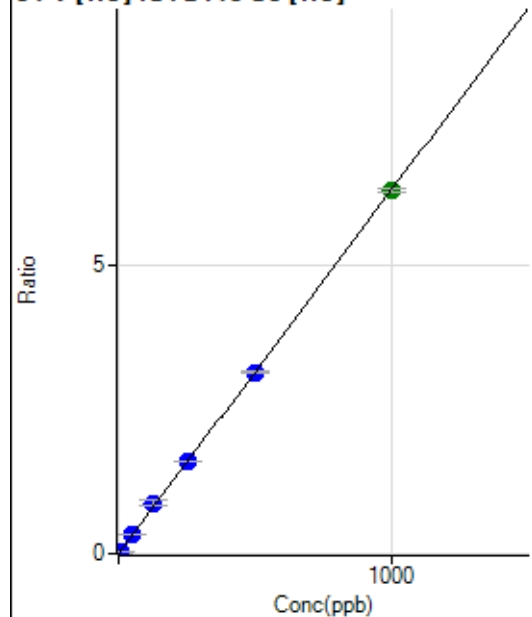
$$DL = 0.0482$$

$$BEC = 0.127$$

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	13.33	0.0000	P	49.6
2	<input type="checkbox"/>	5.000	4.563	12201.67	0.0289	P	0.7
3	<input type="checkbox"/>	50.000	51.903	135162.94	0.3282	P	0.5
4	<input type="checkbox"/>	125.000	138.841	331148.00	0.8779	P	11.5
5	<input type="checkbox"/>	250.000	255.204	635280.94	1.6136	P	0.8
6	<input type="checkbox"/>	500.000	498.906	1250724.68	3.1545	P	0.5
7	<input type="checkbox"/>	1000.000	997.423	2445184.35	6.3065	A	1.0
8	<input type="checkbox"/>			696.69	0.0019	P	6.1

$$y = 0.0063 * x + 3.2065E-005$$

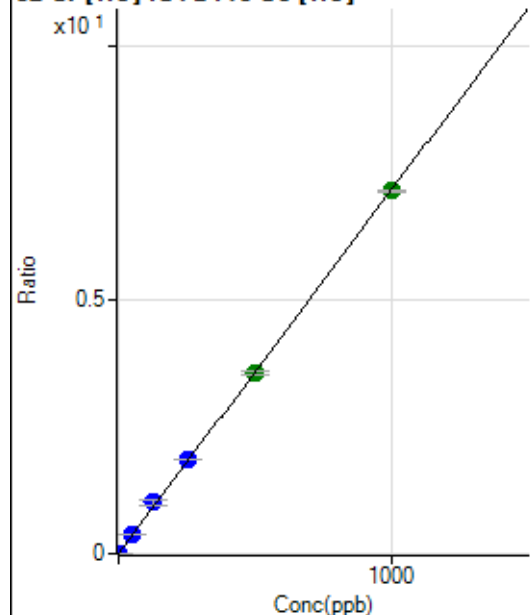
$$R = 0.9999$$

$$DL = 0.007552$$

$$BEC = 0.005071$$

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	1222.28	0.0029	P	4.5
2	<input type="checkbox"/>	2.000	2.080	7534.17	0.0178	P	3.5
3	<input type="checkbox"/>	50.000	52.561	156205.74	0.3793	P	0.4
4	<input type="checkbox"/>	125.000	139.905	378630.87	1.0047	P	12.8
5	<input type="checkbox"/>	250.000	257.912	728218.16	1.8497	P	0.9
6	<input type="checkbox"/>	500.000	497.806	1414509.63	3.5675	A	1.8
7	<input type="checkbox"/>	1000.000	997.128	2769428.78	7.1428	A	0.8
8	<input type="checkbox"/>			7385.21	0.0198	P	2.1

$$y = 0.0072 * x + 0.0029$$

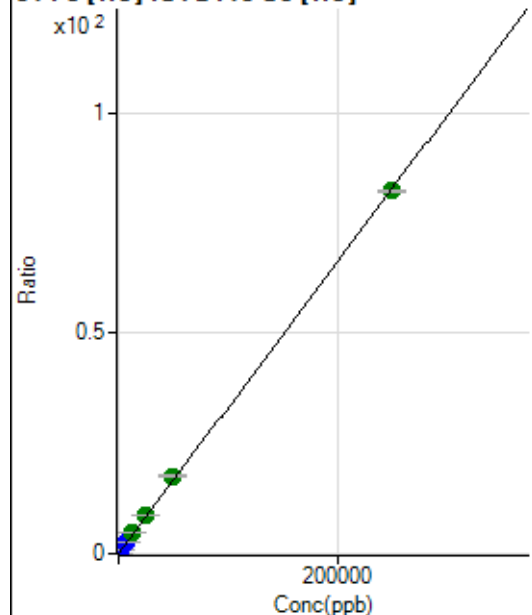
$$R = 0.9999$$

$$DL = 0.05507$$

$$BEC = 0.4112$$

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	1666.78	0.0040	P	2.6
2	<input type="checkbox"/>	50.000	54.091	9254.01	0.0219	P	2.0
3	<input type="checkbox"/>	2500.000	2962.498	405192.64	0.9839	P	0.3
4	<input type="checkbox"/>	6250.000	7836.609	979160.71	2.5961	P	11.6
5	<input type="checkbox"/>	12500.000	14000.983	1824824.38	4.6350	A	1.0
6	<input type="checkbox"/>	25000.000	26781.822	3513898.70	8.8624	A	0.8
7	<input type="checkbox"/>	50000.000	53319.800	6839526.29	17.6402	A	1.0
8	<input type="checkbox"/>	250000.00	249038.51	30708372.87	82.3764	A	0.5

$$y = 3.3076E-004 * x + 0.0040$$

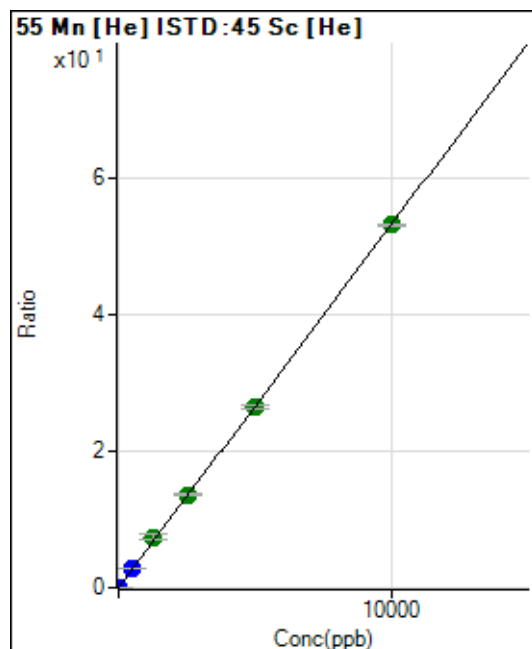
$$R = 0.9999$$

$$DL = 0.9582$$

$$BEC = 12.14$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	187.78	0.0005	P	20.7
2	<input type="checkbox"/>	1.000	1.033	2520.24	0.0060	P	2.4
3	<input type="checkbox"/>	500.000	532.567	1170288.47	2.8417	P	0.5
4	<input type="checkbox"/>	1250.000	1394.753	2808838.08	7.4415	A	10.7
5	<input type="checkbox"/>	2500.000	2554.947	5366520.82	13.6312	A	0.9
6	<input type="checkbox"/>	5000.000	4966.771	10506721.09	26.4983	A	1.4
7	<input type="checkbox"/>	10000.000	9983.155	20650532.61	53.2609	A	0.7
8	<input type="checkbox"/>			11397.74	0.0306	P	2.1

$$y = 0.0053 * x + 4.5220E-004$$

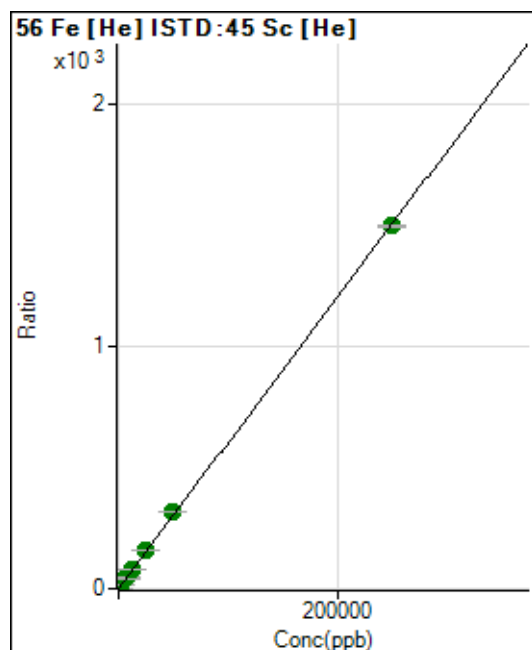
$$R = 0.9999$$

$$DL = 0.05268$$

$$BEC = 0.08476$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	12080.47	0.0291	P	1.6
2	<input type="checkbox"/>	50.000	52.440	145536.26	0.3445	P	0.3
3	<input type="checkbox"/>	2500.000	2729.521	6772991.98	16.4466	A	1.5
4	<input type="checkbox"/>	6250.000	7324.364	16645823.50	44.0835	A	10.1
5	<input type="checkbox"/>	12500.000	13437.046	31829575.64	80.8500	A	1.5
6	<input type="checkbox"/>	25000.000	26187.325	62464873.52	157.5401	A	1.0
7	<input type="checkbox"/>	50000.000	52698.465	122908203.7	316.9988	A	0.7
8	<input type="checkbox"/>	250000.00	249265.56	558911396.1	1499.306	A	0.4

$$y = 0.0060 * x + 0.0291$$

$$R = 0.9999$$

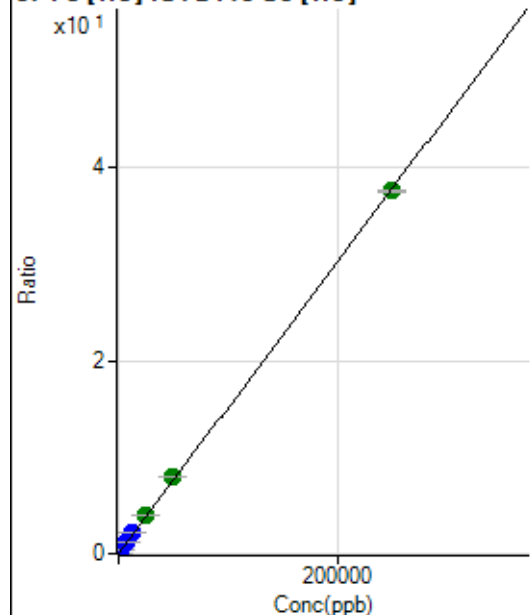
$$DL = 0.2271$$

$$BEC = 4.838$$

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	963.37	0.0023	P	4.2
2	<input type="checkbox"/>	50.000	53.909	4412.91	0.0104	P	1.0
3	<input type="checkbox"/>	2500.000	2911.458	181684.77	0.4412	P	0.5
4	<input type="checkbox"/>	6250.000	7765.924	442083.57	1.1729	P	12.5
5	<input type="checkbox"/>	12500.000	14211.633	844250.14	2.1444	P	1.2
6	<input type="checkbox"/>	25000.000	26401.144	1578742.79	3.9818	A	0.1
7	<input type="checkbox"/>	50000.000	53052.985	3101408.81	7.9990	A	0.5
8	<input type="checkbox"/>	250000.00	249121.69	13999282.29	37.5525	A	0.6

$$y = 1.5073\text{E-}004 * x + 0.0023$$

$$R = 0.9999$$

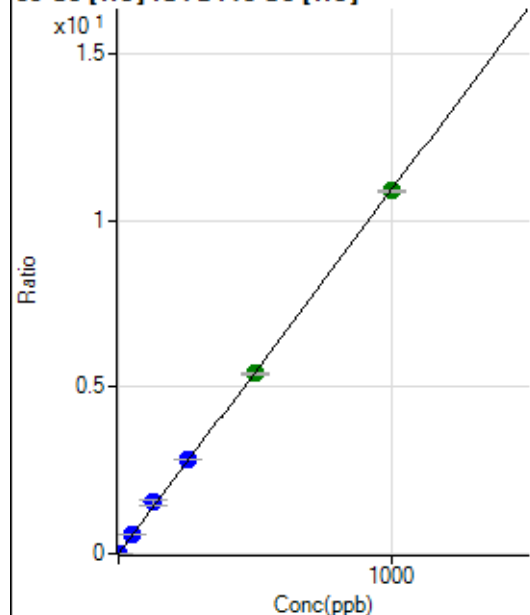
$$DL = 1.932$$

$$BEC = 15.4$$

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	108.89	0.0003	P	19.0
2	<input type="checkbox"/>	1.000	0.987	4657.43	0.0110	P	2.4
3	<input type="checkbox"/>	50.000	53.283	239299.52	0.5811	P	0.1
4	<input type="checkbox"/>	125.000	140.364	576687.06	1.5303	P	12.8
5	<input type="checkbox"/>	250.000	259.818	1115099.88	2.8324	P	0.9
6	<input type="checkbox"/>	500.000	495.759	2142821.36	5.4042	A	1.5
7	<input type="checkbox"/>	1000.000	997.581	4216230.11	10.8743	A	0.4
8	<input type="checkbox"/>			11814.73	0.0317	P	0.6

$$y = 0.0109 * x + 2.6250\text{E-}004$$

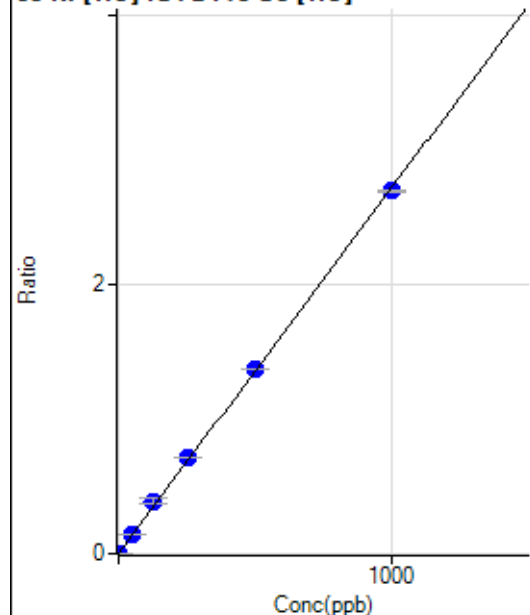
$$R = 0.9998$$

$$DL = 0.01375$$

$$BEC = 0.02408$$

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	261.12	0.0006	P	7.4
2	<input type="checkbox"/>	1.000	1.110	1540.10	0.0036	P	4.2
3	<input type="checkbox"/>	50.000	54.437	61187.43	0.1486	P	0.8
4	<input type="checkbox"/>	125.000	144.018	147944.49	0.3920	P	10.9
5	<input type="checkbox"/>	250.000	262.879	281513.22	0.7151	P	1.5
6	<input type="checkbox"/>	500.000	503.760	543078.40	1.3697	P	0.5
7	<input type="checkbox"/>	1000.000	992.301	1045865.13	2.6974	P	0.3
8	<input type="checkbox"/>			3559.34	0.0095	P	0.8

$$y = 0.0027 * x + 6.2890E-004$$

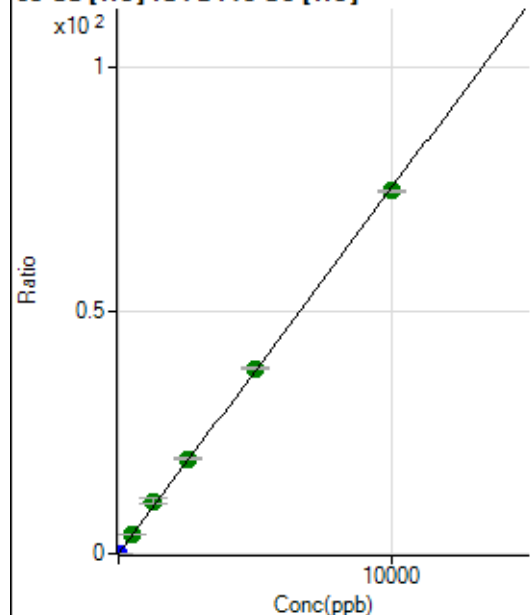
$$R = 0.9998$$

$$DL = 0.05107$$

$$BEC = 0.2314$$

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	1144.50	0.0028	P	6.7
2	<input type="checkbox"/>	2.000	2.002	7523.06	0.0178	P	2.4
3	<input type="checkbox"/>	500.000	544.694	1687722.04	4.0981	A	0.9
4	<input type="checkbox"/>	1250.000	1431.301	4060726.99	10.7641	A	11.4
5	<input type="checkbox"/>	2500.000	2596.969	7688154.05	19.5283	A	1.0
6	<input type="checkbox"/>	5000.000	5060.869	15087609.64	38.0533	A	0.5
7	<input type="checkbox"/>	10000.000	9920.426	28920389.01	74.5902	A	0.3
8	<input type="checkbox"/>			7998.87	0.0215	P	0.9

$$y = 0.0075 * x + 0.0028$$

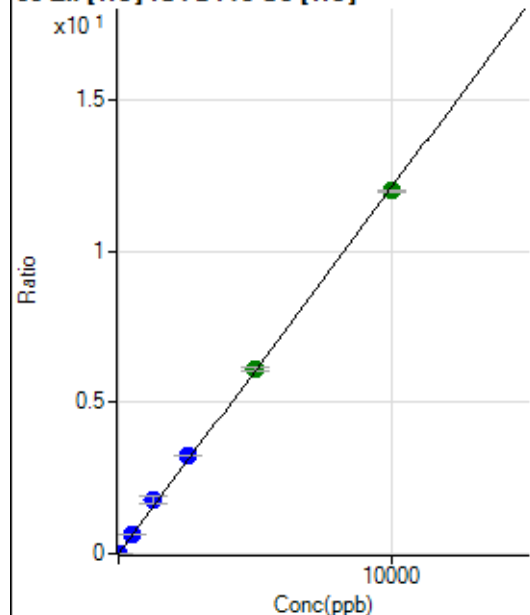
$$R = 0.9998$$

$$DL = 0.07367$$

$$BEC = 0.3668$$

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	568.90	0.0014	P	4.8
2	<input type="checkbox"/>	2.000	2.075	1640.11	0.0039	P	7.1
3	<input type="checkbox"/>	500.000	547.289	273435.99	0.6640	P	0.0
4	<input type="checkbox"/>	1250.000	1456.025	664545.00	1.7641	P	13.3
5	<input type="checkbox"/>	2500.000	2665.683	1271094.76	3.2286	P	0.9
6	<input type="checkbox"/>	5000.000	5043.706	2421549.01	6.1076	A	1.2
7	<input type="checkbox"/>	10000.000	9908.608	4651686.29	11.9974	A	0.6
8	<input type="checkbox"/>			4069.48	0.0109	P	4.6

$$y = 0.0012 * x + 0.0014$$

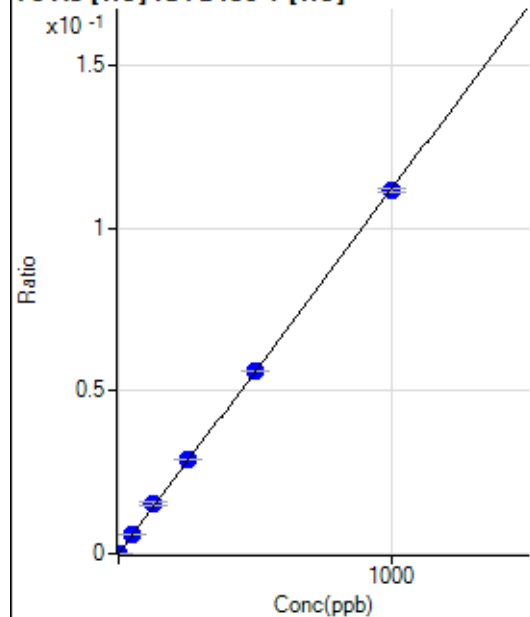
$$R = 0.9997$$

$$DL = 0.164$$

$$BEC = 1.132$$

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	114.
2	<input type="checkbox"/>	1.000	1.015	357.78	0.0001	P	11.6
3	<input type="checkbox"/>	50.000	52.804	18151.17	0.0059	P	1.0
4	<input type="checkbox"/>	125.000	137.274	43855.76	0.0154	P	10.9
5	<input type="checkbox"/>	250.000	258.466	86045.14	0.0290	P	0.9
6	<input type="checkbox"/>	500.000	501.805	168414.55	0.0563	P	0.4
7	<input type="checkbox"/>	1000.000	995.307	328707.42	0.1116	P	0.9
8	<input type="checkbox"/>			155.56	0.0001	P	3.8

$$y = 1.1212E-004 * x + 1.4423E-006$$

$$R = 0.9999$$

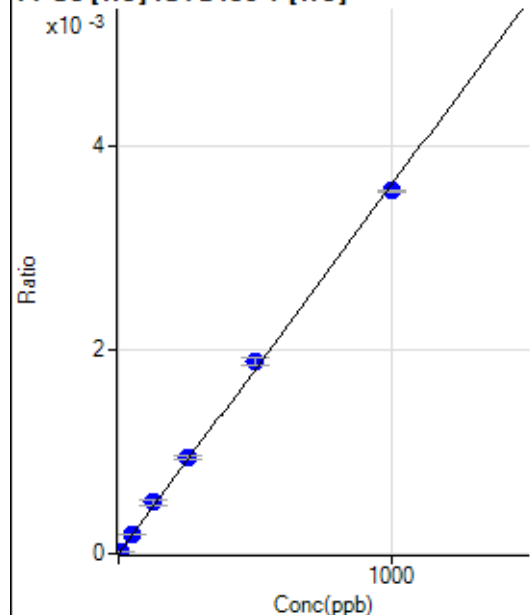
$$DL = 0.04433$$

$$BEC = 0.01286$$

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	5.058	56.67	0.0000	P	16.6
3	<input type="checkbox"/>	50.000	53.232	588.91	0.0002	P	1.7
4	<input type="checkbox"/>	125.000	138.560	1425.64	0.0005	P	10.8
5	<input type="checkbox"/>	250.000	262.256	2810.30	0.0009	P	3.3
6	<input type="checkbox"/>	500.000	521.796	5636.67	0.0019	P	3.1
7	<input type="checkbox"/>	1000.000	984.181	10463.78	0.0036	P	0.6
8	<input type="checkbox"/>			52.22	0.0000	P	20.8

$$y = 3.6096\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

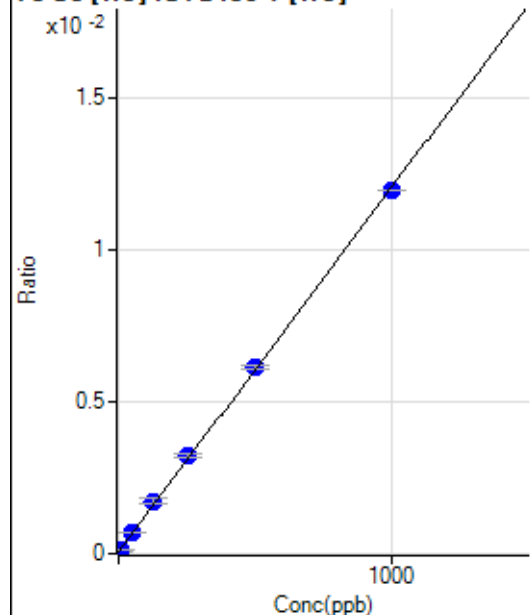
$$DL = 0$$

$$BEC = 0$$

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	191.11	0.0001	P	18.7
2	<input type="checkbox"/>	5.000	4.828	373.34	0.0001	P	2.3
3	<input type="checkbox"/>	50.000	53.490	2159.07	0.0007	P	2.7
4	<input type="checkbox"/>	125.000	139.496	4947.54	0.0017	P	11.3
5	<input type="checkbox"/>	250.000	264.210	9603.18	0.0032	P	4.7
6	<input type="checkbox"/>	500.000	507.616	18430.47	0.0062	P	1.7
7	<input type="checkbox"/>	1000.000	990.654	35219.63	0.0120	P	0.2
8	<input type="checkbox"/>			324.45	0.0001	P	11.2

$$y = 1.2007\text{E-}005 * x + 6.2134\text{E-}005$$

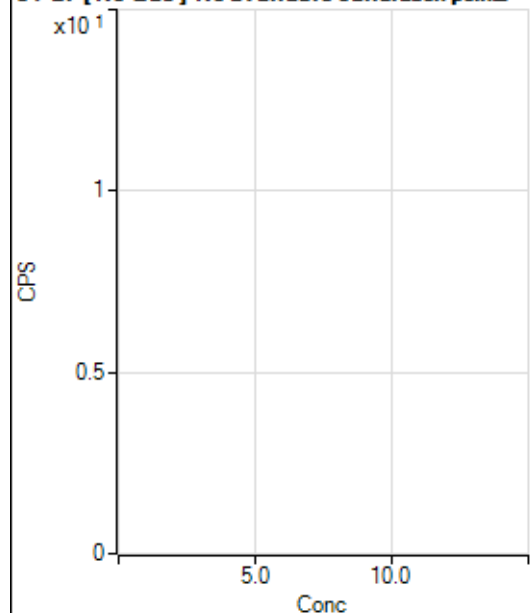
$$R = 0.9998$$

$$DL = 2.903$$

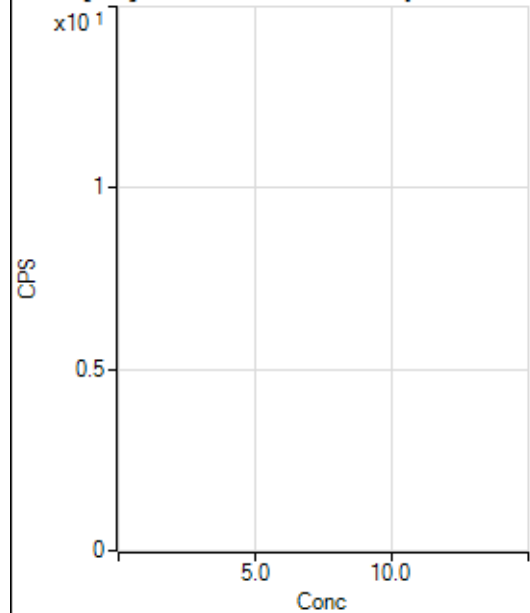
$$BEC = 5.175$$

Weight: <None>

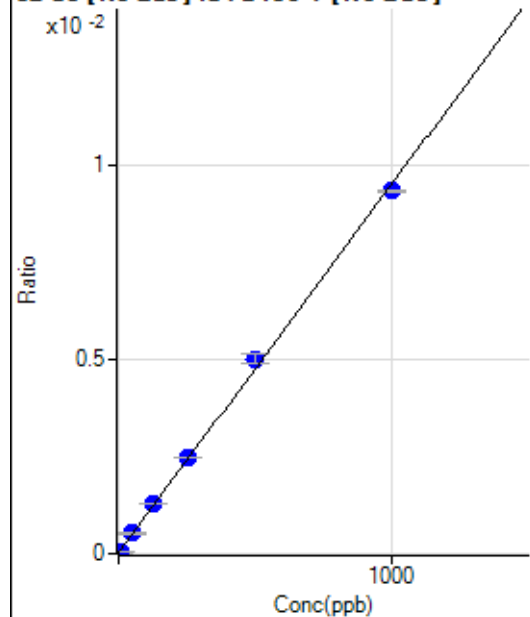
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			22942.41		P	2.7
2	<input type="checkbox"/>			23577.81		P	1.9
3	<input type="checkbox"/>			23141.56		P	3.3
4	<input type="checkbox"/>			22571.79		P	0.6
5	<input type="checkbox"/>			21783.98		P	1.3
6	<input type="checkbox"/>			21741.70		P	1.6
7	<input type="checkbox"/>			21975.41		P	3.0
8	<input type="checkbox"/>			25204.96		P	3.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			87.78		P	26.9
2	<input type="checkbox"/>			86.67		P	30.5
3	<input type="checkbox"/>			84.44		P	14.9
4	<input type="checkbox"/>			106.67		P	11.3
5	<input type="checkbox"/>			97.78		P	28.6
6	<input type="checkbox"/>			97.78		P	15.4
7	<input type="checkbox"/>			101.11		P	26.9
8	<input type="checkbox"/>			742.24		P	7.7

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	323.75	0.0000	P	4.9
2	<input type="checkbox"/>	5.000	4.518	896.13	0.0001	P	5.2
3	<input type="checkbox"/>	50.000	53.134	7250.86	0.0005	P	6.2
4	<input type="checkbox"/>	125.000	132.117	17183.55	0.0013	P	1.9
5	<input type="checkbox"/>	250.000	259.708	32788.64	0.0025	P	1.0
6	<input type="checkbox"/>	500.000	527.301	63939.76	0.0050	P	4.2
7	<input type="checkbox"/>	1000.000	982.879	121123.80	0.0093	P	0.6
8	<input type="checkbox"/>			1019.56	0.0001	P	1.8

$$y = 9.4747\text{E-}006 * x + 2.4389\text{E-}005$$

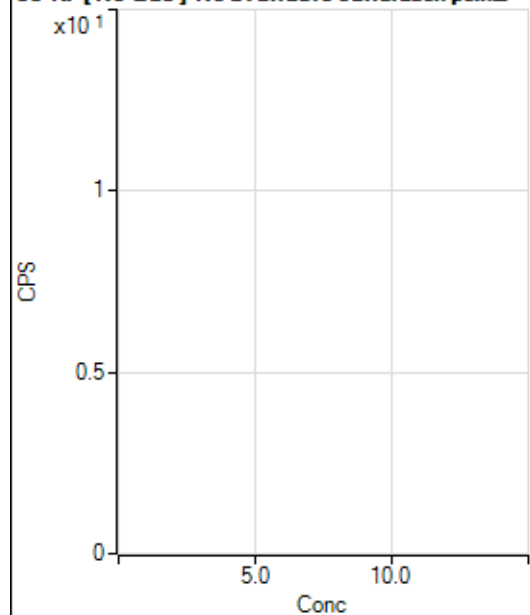
$$R = 0.9994$$

$$DL = 0.3759$$

$$BEC = 2.574$$

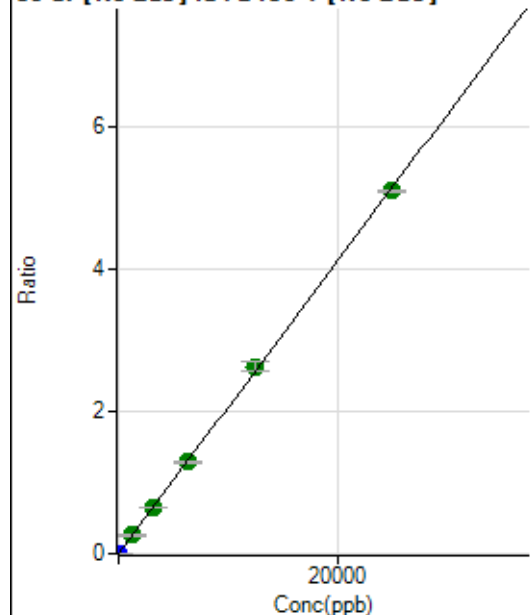
Weight: <None>

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"/>			143.34		P	4.0
2	<input type="checkbox"/>			172.23		P	23.7
3	<input type="checkbox"/>			130.00		P	2.6
4	<input type="checkbox"/>			153.34		P	14.3
5	<input type="checkbox"/>			125.56		P	8.5
6	<input type="checkbox"/>			160.00		P	0.0
7	<input type="checkbox"/>			177.78		P	9.4
8	<input type="checkbox"/>			186.67		P	13.5

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	263.34	0.0000	P	12.7
2	<input type="checkbox"/>	1.000	0.899	2721.38	0.0002	P	2.2
3	<input type="checkbox"/>	1250.000	1263.638	3557753.73	0.2590	A	6.7
4	<input type="checkbox"/>	3125.000	3150.822	8697278.20	0.6459	A	1.3
5	<input type="checkbox"/>	6250.000	6269.022	16956113.92	1.2851	A	0.5
6	<input type="checkbox"/>	12500.000	12802.013	33416884.22	2.6242	A	4.7
7	<input type="checkbox"/>	25000.000	24840.329	66053759.02	5.0918	A	0.6
8	<input type="checkbox"/>			10463.84	0.0009	P	9.7

$$y = 2.0498\text{E-}004 * x + 1.9820\text{E-}005$$

$$R = 0.9999$$

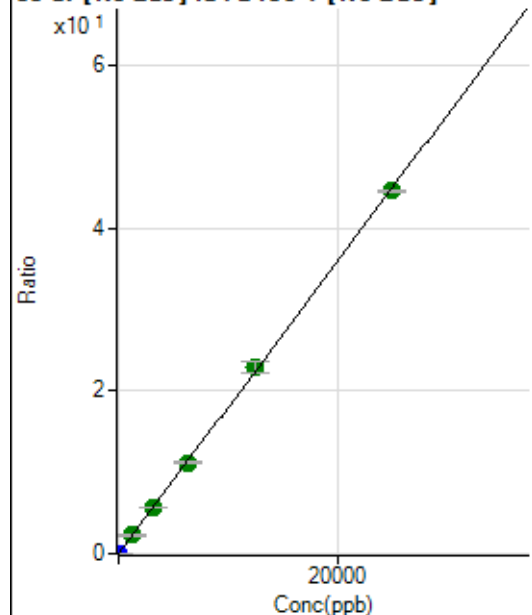
$$DL = 0.03687$$

$$BEC = 0.09669$$

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	451.12	0.0000	P	5.6
2	<input type="checkbox"/>	1.000	0.889	21672.72	0.0016	P	2.6
3	<input type="checkbox"/>	1250.000	1253.698	30852082.04	2.2455	A	5.8
4	<input type="checkbox"/>	3125.000	3119.874	75250175.55	5.5881	A	0.5
5	<input type="checkbox"/>	6250.000	6230.023	147237376.6	11.1587	A	1.1
6	<input type="checkbox"/>	12500.000	12781.151	291435502.3	22.8924	A	5.6
7	<input type="checkbox"/>	25000.000	24864.875	577735542.5	44.5357	A	0.6
8	<input type="checkbox"/>			90265.87	0.0073	P	6.4

$$y = 0.0018 * x + 3.3986\text{E-}005$$

$$R = 0.9999$$

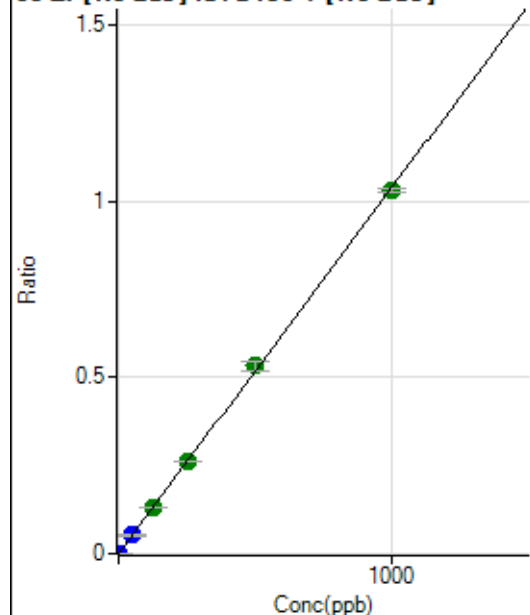
$$DL = 0.003192$$

$$BEC = 0.01897$$

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	490.02	0.0000	P	7.9
2	<input type="checkbox"/>	1.000	0.875	12586.60	0.0009	P	1.3
3	<input type="checkbox"/>	50.000	50.449	719235.89	0.0524	P	6.5
4	<input type="checkbox"/>	125.000	125.499	1753478.53	0.1302	A	0.8
5	<input type="checkbox"/>	250.000	251.748	3445954.43	0.2612	A	0.9
6	<input type="checkbox"/>	500.000	514.245	6791754.48	0.5334	A	5.3
7	<input type="checkbox"/>	1000.000	992.356	13353602.58	1.0294	A	1.2
8	<input type="checkbox"/>			6714.92	0.0005	P	4.2

$$y = 0.0010 * x + 3.6931E-005$$

$$R = 0.9998$$

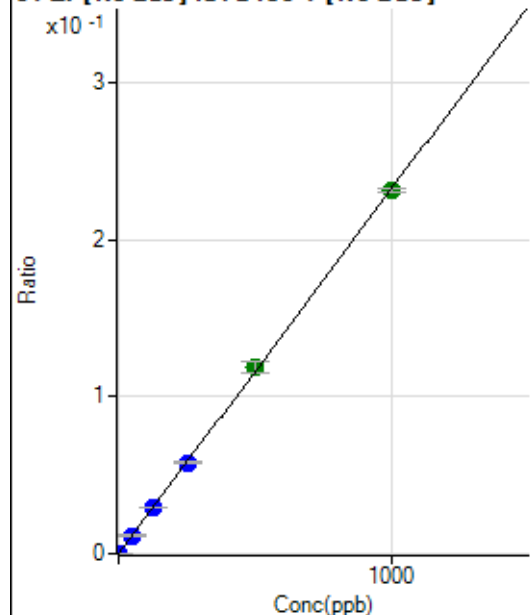
$$DL = 0.008455$$

$$BEC = 0.0356$$

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	87.78	0.0000	P	17.8
2	<input type="checkbox"/>	1.000	0.851	2724.72	0.0002	P	4.7
3	<input type="checkbox"/>	50.000	49.929	159500.74	0.0116	P	6.7
4	<input type="checkbox"/>	125.000	125.224	392084.21	0.0291	P	1.5
5	<input type="checkbox"/>	250.000	249.536	765501.54	0.0580	P	0.7
6	<input type="checkbox"/>	500.000	511.147	1512902.98	0.1188	A	5.5
7	<input type="checkbox"/>	1000.000	994.518	2999378.88	0.2312	A	1.0
8	<input type="checkbox"/>			1474.53	0.0001	P	4.1

$$y = 2.3247E-004 * x + 6.6144E-006$$

$$R = 0.9999$$

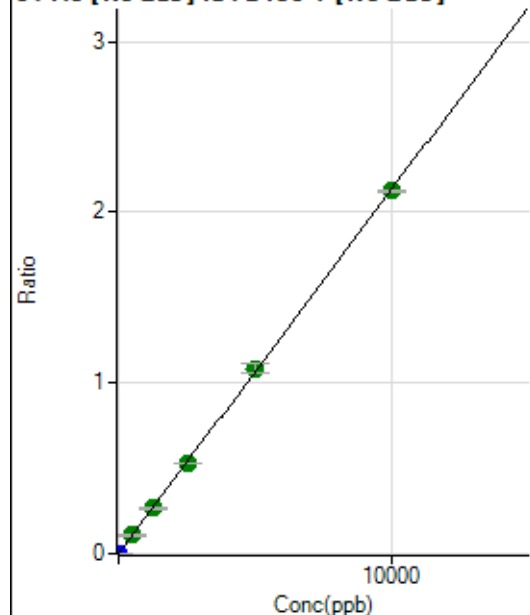
$$DL = 0.01518$$

$$BEC = 0.02845$$

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	207.78	0.0000	P	9.3
2	<input type="checkbox"/>	5.000	5.342	15397.08	0.0012	P	2.2
3	<input type="checkbox"/>	500.000	506.975	1485283.78	0.1082	A	6.8
4	<input type="checkbox"/>	1250.000	1244.283	3574063.56	0.2654	A	1.2
5	<input type="checkbox"/>	2500.000	2473.964	6963012.88	0.5277	A	0.2
6	<input type="checkbox"/>	5000.000	5088.547	13819239.93	1.0854	A	5.5
7	<input type="checkbox"/>	10000.000	9962.601	27567065.98	2.1250	A	0.6
8	<input type="checkbox"/>			7647.61	0.0006	P	3.7

$$y = 2.1330\text{E-}004 * x + 1.5662\text{E-}005$$

$$R = 0.9999$$

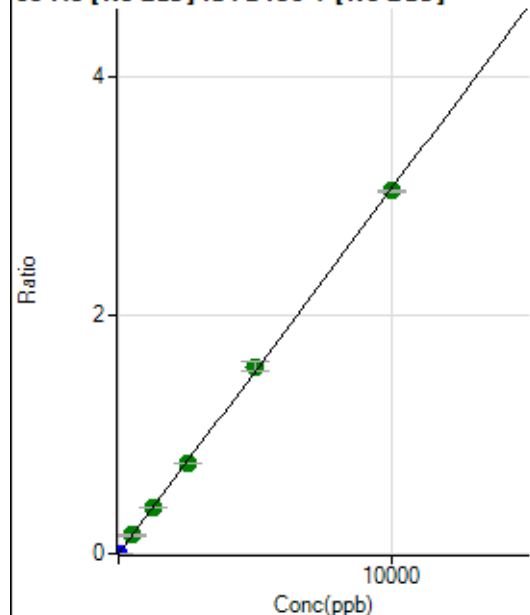
$$DL = 0.02059$$

$$BEC = 0.07343$$

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	90.00	0.0000	P	15.1
2	<input type="checkbox"/>	5.000	4.489	18427.22	0.0014	P	2.5
3	<input type="checkbox"/>	500.000	510.219	2147384.98	0.1564	A	7.0
4	<input type="checkbox"/>	1250.000	1250.715	5161620.65	0.3833	A	1.2
5	<input type="checkbox"/>	2500.000	2492.316	10078314.71	0.7638	A	0.8
6	<input type="checkbox"/>	5000.000	5120.144	19977743.59	1.5692	A	5.5
7	<input type="checkbox"/>	10000.000	9941.249	39523024.41	3.0467	A	0.8
8	<input type="checkbox"/>			8682.66	0.0007	P	6.1

$$y = 3.0647\text{E-}004 * x + 6.7820\text{E-}006$$

$$R = 0.9999$$

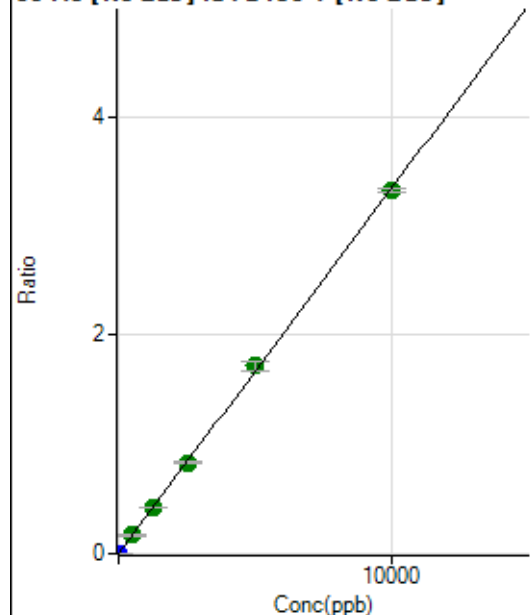
$$DL = 0.01001$$

$$BEC = 0.02213$$

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	107.78	0.0000	P	14.2
2	<input type="checkbox"/>	5.000	4.607	20640.20	0.0015	P	3.2
3	<input type="checkbox"/>	500.000	505.946	2324245.52	0.1692	A	5.9
4	<input type="checkbox"/>	1250.000	1253.545	5643742.14	0.4191	A	1.4
5	<input type="checkbox"/>	2500.000	2498.407	11021702.75	0.8353	A	1.0
6	<input type="checkbox"/>	5000.000	5133.268	21850362.17	1.7163	A	5.5
7	<input type="checkbox"/>	10000.000	9933.024	43081296.03	3.3211	A	1.0
8	<input type="checkbox"/>			18275.98	0.0015	P	3.5

$$y = 3.3434\text{E-}004 * x + 8.1212\text{E-}006$$

$$R = 0.9999$$

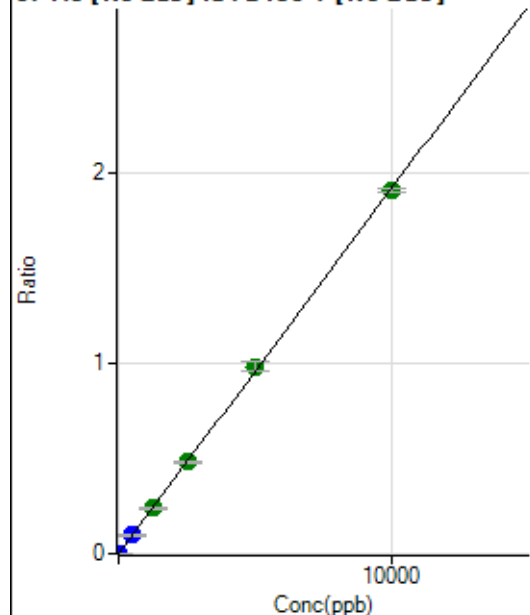
$$DL = 0.01032$$

$$BEC = 0.02429$$

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	41.11	0.0000	P	3.9
2	<input type="checkbox"/>	5.000	4.486	11519.06	0.0009	P	1.4
3	<input type="checkbox"/>	500.000	506.617	1335624.01	0.0972	P	6.4
4	<input type="checkbox"/>	1250.000	1244.468	3216128.25	0.2388	A	1.7
5	<input type="checkbox"/>	2500.000	2506.578	6347515.88	0.4811	A	0.8
6	<input type="checkbox"/>	5000.000	5123.924	12521508.01	0.9834	A	5.0
7	<input type="checkbox"/>	10000.000	9936.754	24739153.52	1.9071	A	1.0
8	<input type="checkbox"/>			5286.57	0.0004	P	4.6

$$y = 1.9192\text{E-}004 * x + 3.0961\text{E-}006$$

$$R = 0.9999$$

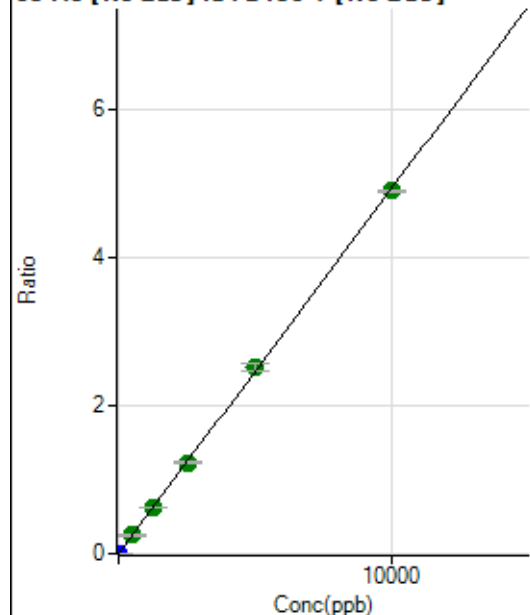
$$DL = 0.001897$$

$$BEC = 0.01613$$

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	75.56	0.0000	P	10.4
2	<input type="checkbox"/>	5.000	4.519	29702.42	0.0022	P	2.3
3	<input type="checkbox"/>	500.000	503.103	3398962.03	0.2475	A	6.6
4	<input type="checkbox"/>	1250.000	1252.208	8294097.31	0.6159	A	1.3
5	<input type="checkbox"/>	2500.000	2501.224	16233241.98	1.2303	A	1.3
6	<input type="checkbox"/>	5000.000	5116.032	32043388.97	2.5165	A	4.9
7	<input type="checkbox"/>	10000.000	9941.247	63435420.17	4.8900	A	0.5
8	<input type="checkbox"/>			12842.46	0.0010	P	8.6

$$y = 4.9189\text{E-}004 * x + 5.6883\text{E-}006$$

$$R = 0.9999$$

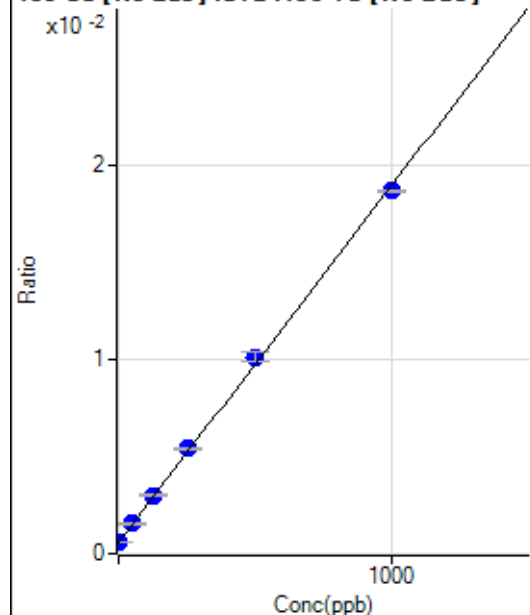
$$DL = 0.003596$$

$$BEC = 0.01156$$

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	6530.42	0.0006	P	3.3
2	<input type="checkbox"/>	1.000	0.315	6667.15	0.0006	P	1.8
3	<input type="checkbox"/>	50.000	53.186	18133.64	0.0016	P	3.4
4	<input type="checkbox"/>	125.000	132.550	35198.13	0.0030	P	1.2
5	<input type="checkbox"/>	250.000	263.285	62059.60	0.0054	P	2.2
6	<input type="checkbox"/>	500.000	519.977	114161.98	0.0101	P	4.5
7	<input type="checkbox"/>	1000.000	985.588	213175.69	0.0187	P	0.6
8	<input type="checkbox"/>			5997.97	0.0006	P	3.0

$$y = 1.8376\text{E-}005 * x + 5.8198\text{E-}004$$

$$R = 0.9996$$

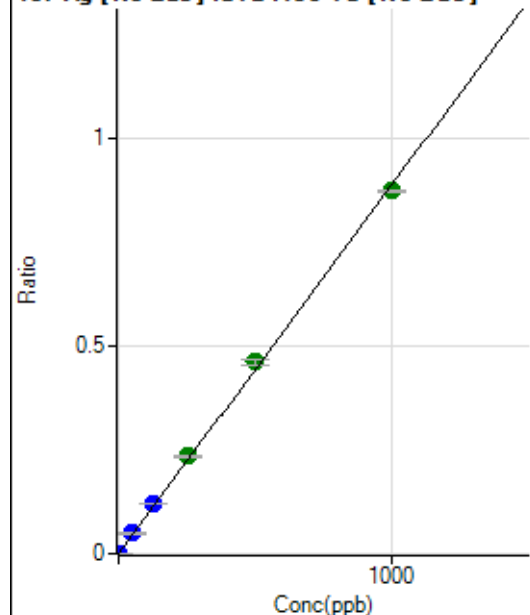
$$DL = 3.109$$

$$BEC = 31.67$$

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	108.89	0.0000	P	5.5
2	<input type="checkbox"/>	1.000	0.914	9309.74	0.0008	P	1.3
3	<input type="checkbox"/>	50.000	55.367	570423.09	0.0491	P	6.7
4	<input type="checkbox"/>	125.000	134.294	1389429.49	0.1191	P	0.9
5	<input type="checkbox"/>	250.000	265.040	2691818.76	0.2351	A	2.1
6	<input type="checkbox"/>	500.000	519.789	5193743.36	0.4611	A	3.5
7	<input type="checkbox"/>	1000.000	984.915	9963355.55	0.8736	A	0.6
8	<input type="checkbox"/>			2396.89	0.0002	P	11.3

$$y = 8.8701\text{E-}004 * x + 9.6985\text{E-}006$$

$$R = 0.9996$$

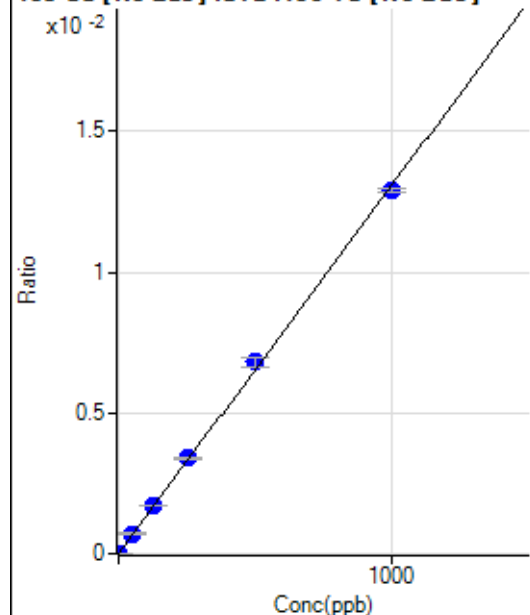
$$DL = 0.001801$$

$$BEC = 0.01093$$

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	22.22	0.0000	P	45.3
2	<input type="checkbox"/>	1.000	0.928	160.00	0.0000	P	6.4
3	<input type="checkbox"/>	50.000	53.615	8155.70	0.0007	P	7.8
4	<input type="checkbox"/>	125.000	131.085	20002.77	0.0017	P	1.4
5	<input type="checkbox"/>	250.000	260.164	38947.72	0.0034	P	2.1
6	<input type="checkbox"/>	500.000	521.094	76705.59	0.0068	P	4.7
7	<input type="checkbox"/>	1000.000	985.971	146950.12	0.0129	P	1.2
8	<input type="checkbox"/>			88.89	0.0000	P	10.3

$$y = 1.3068\text{E-}005 * x + 1.9784\text{E-}006$$

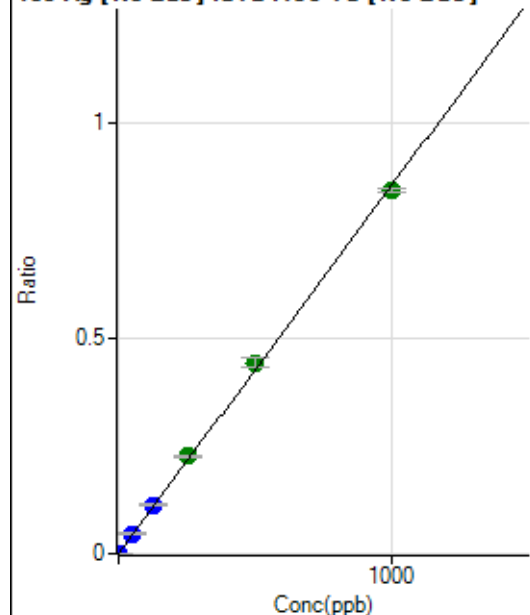
$$R = 0.9996$$

$$DL = 0.2057$$

$$BEC = 0.1514$$

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	40.00	0.0000	P	31.5
2	<input type="checkbox"/>	1.000	0.908	8836.11	0.0008	P	2.1
3	<input type="checkbox"/>	50.000	54.833	543858.48	0.0468	P	6.9
4	<input type="checkbox"/>	125.000	133.020	1325157.85	0.1136	P	0.4
5	<input type="checkbox"/>	250.000	264.299	2584687.05	0.2257	A	1.8
6	<input type="checkbox"/>	500.000	518.982	4991324.79	0.4433	A	5.1
7	<input type="checkbox"/>	1000.000	985.690	9600828.12	0.8419	A	0.9
8	<input type="checkbox"/>			2157.96	0.0002	P	6.2

$$y = 8.5412\text{E-}004 * x + 3.5736\text{E-}006$$

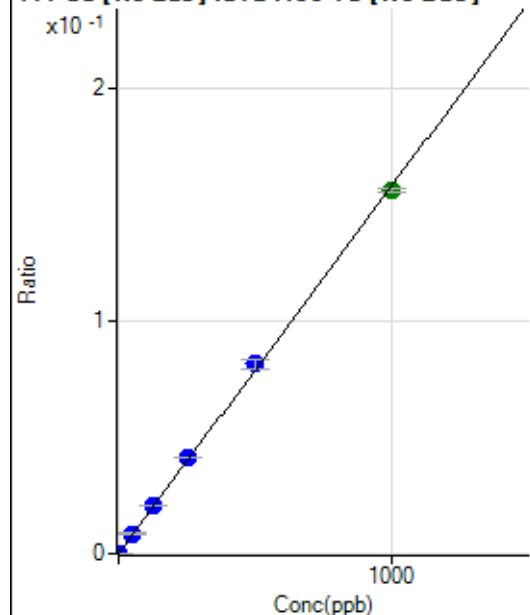
$$R = 0.9996$$

$$DL = 0.003952$$

$$BEC = 0.004184$$

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	655.27	0.0001	P	3.2
2	<input type="checkbox"/>	1.000	0.994	2442.64	0.0002	P	3.4
3	<input type="checkbox"/>	50.000	54.345	100348.77	0.0086	P	6.6
4	<input type="checkbox"/>	125.000	132.139	244080.26	0.0209	P	0.7
5	<input type="checkbox"/>	250.000	261.422	473390.70	0.0413	P	1.5
6	<input type="checkbox"/>	500.000	516.300	918886.72	0.0816	P	4.7
7	<input type="checkbox"/>	1000.000	987.885	1779927.65	0.1561	A	1.2
8	<input type="checkbox"/>			1396.50	0.0001	P	5.5

$$y = 1.5793\text{E-}004 * x + 5.8394\text{E-}005$$

$$R = 0.9997$$

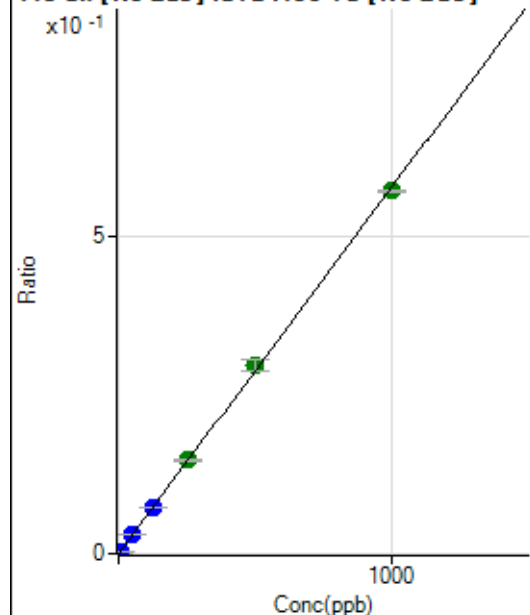
$$DL = 0.03509$$

$$BEC = 0.3697$$

Weight: <None>

Min Conc: 0

118 Sn [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	704.47	0.0001	P	2.6
2	<input type="checkbox"/>	5.000	4.697	31484.41	0.0028	P	0.7
3	<input type="checkbox"/>	50.000	51.681	347280.26	0.0299	P	6.8
4	<input type="checkbox"/>	125.000	126.060	849763.38	0.0729	P	1.0
5	<input type="checkbox"/>	250.000	255.601	1690827.25	0.1477	A	0.8
6	<input type="checkbox"/>	500.000	514.582	3346607.55	0.2972	A	5.3
7	<input type="checkbox"/>	1000.000	991.094	6527462.89	0.5724	A	0.7
8	<input type="checkbox"/>			4300.69	0.0004	P	4.4

$$y = 5.7747\text{E-}004 * x + 6.2774\text{E-}005$$

$$R = 0.9998$$

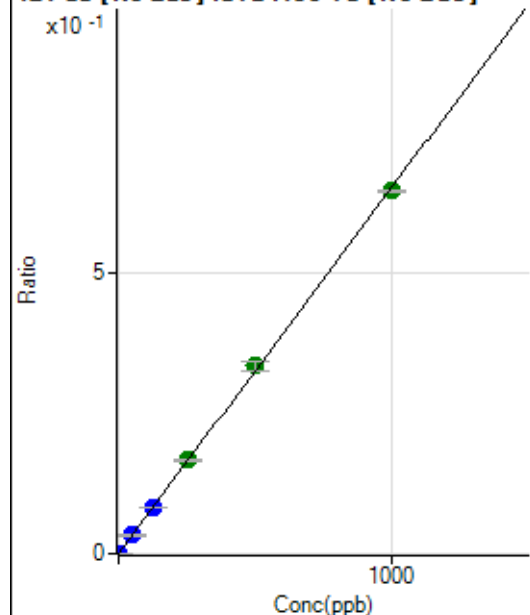
$$DL = 0.008584$$

$$BEC = 0.1087$$

Weight: <None>

Min Conc: 0

121 Sb [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	53.33	0.0000	P	38.4
2	<input type="checkbox"/>	2.000	1.839	13676.59	0.0012	P	2.6
3	<input type="checkbox"/>	50.000	51.299	389166.58	0.0335	P	6.4
4	<input type="checkbox"/>	125.000	126.258	961788.28	0.0825	P	0.5
5	<input type="checkbox"/>	250.000	256.909	1921034.49	0.1678	A	2.3
6	<input type="checkbox"/>	500.000	512.728	3770128.97	0.3349	A	5.5
7	<input type="checkbox"/>	1000.000	991.687	7385786.41	0.6477	A	0.8
8	<input type="checkbox"/>			4362.93	0.0004	P	7.2

$$y = 6.5310\text{E-}004 * x + 4.7594\text{E-}006$$

$$R = 0.9999$$

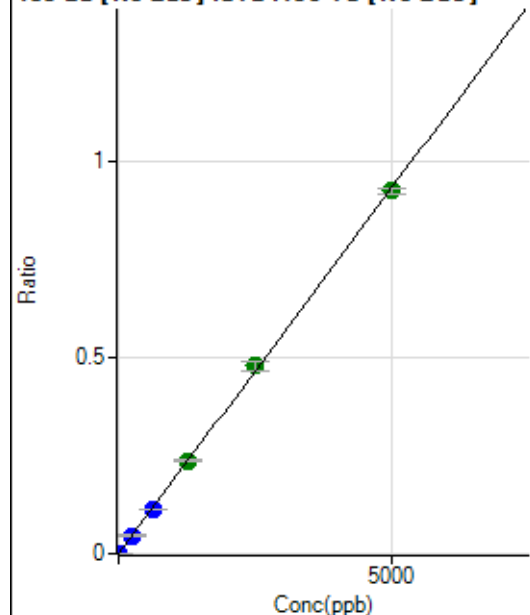
$$DL = 0.008393$$

$$BEC = 0.007287$$

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	47.78	0.0000	P	13.3
2	<input type="checkbox"/>	10.000	8.851	18715.74	0.0016	P	0.6
3	<input type="checkbox"/>	250.000	249.292	538381.56	0.0464	P	6.3
4	<input type="checkbox"/>	625.000	611.239	1325509.84	0.1136	P	0.2
5	<input type="checkbox"/>	1250.000	1265.152	2693120.76	0.2352	A	2.2
6	<input type="checkbox"/>	2500.000	2569.102	5378294.29	0.4777	A	5.2
7	<input type="checkbox"/>	5000.000	4963.419	10523370.95	0.9228	A	1.3
8	<input type="checkbox"/>			5620.05	0.0005	P	0.7

$$y = 1.8592\text{E-}004 * x + 4.2516\text{E-}006$$

$$R = 0.9998$$

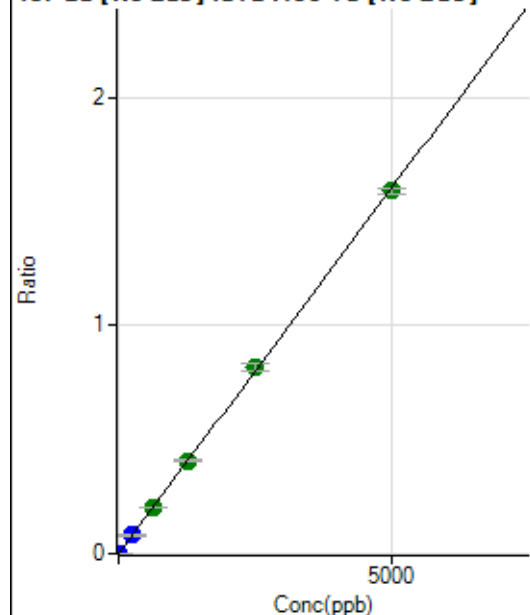
$$DL = 0.00913$$

$$BEC = 0.02287$$

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	92.22	0.0000	P	3.0
2	<input type="checkbox"/>	10.000	8.989	32788.88	0.0029	P	0.1
3	<input type="checkbox"/>	250.000	251.048	935008.13	0.0805	P	6.3
4	<input type="checkbox"/>	625.000	640.751	2396256.82	0.2055	A	0.4
5	<input type="checkbox"/>	1250.000	1274.475	4679139.23	0.4086	A	1.1
6	<input type="checkbox"/>	2500.000	2555.312	9227626.81	0.8193	A	4.2
7	<input type="checkbox"/>	5000.000	4964.206	18150381.12	1.5917	A	1.7
8	<input type="checkbox"/>			9852.38	0.0009	P	0.7

$$y = 3.2063\text{E-}004 * x + 8.2179\text{E-}006$$

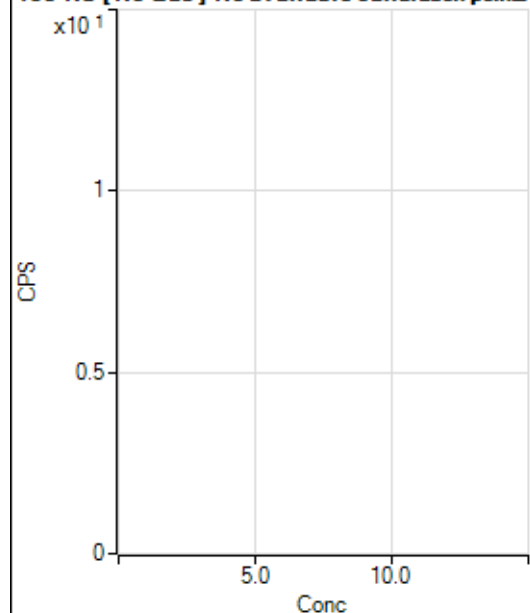
$$R = 0.9999$$

$$DL = 0.002315$$

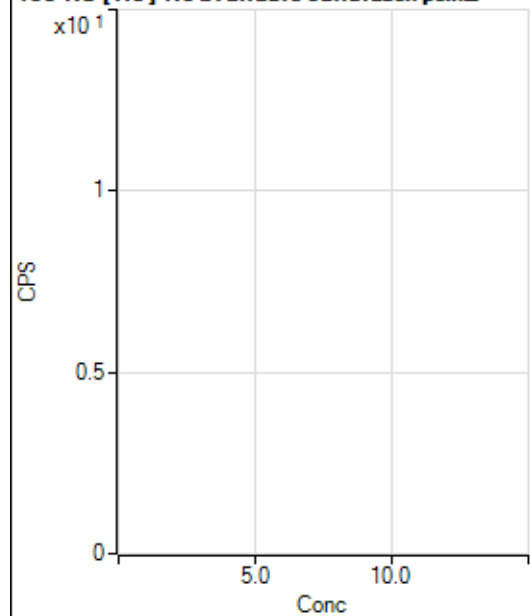
$$BEC = 0.02563$$

Weight: <None>

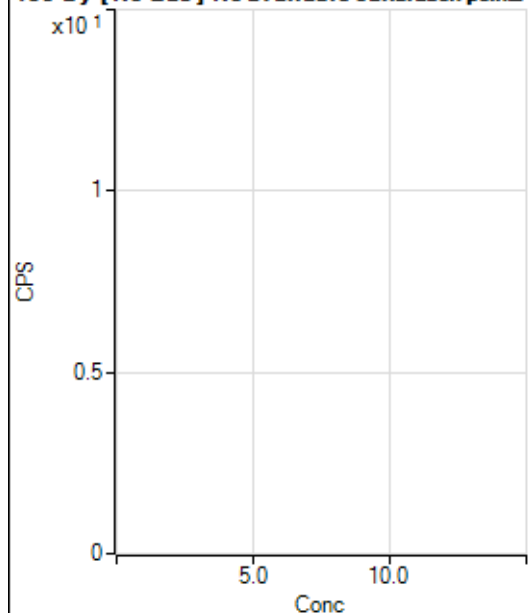
Min Conc: 0

150 Nd [No Gas] No available calibration points

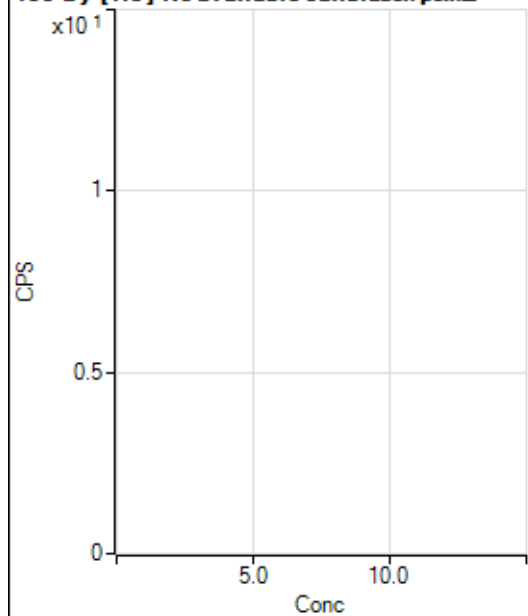
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			13.33		P	66.2
2	<input type="checkbox"/>			6.67		P	0.0
3	<input type="checkbox"/>			77.78		P	32.2
4	<input type="checkbox"/>			150.00		P	2.2
5	<input type="checkbox"/>			320.01		P	8.3
6	<input type="checkbox"/>			641.13		P	12.5
7	<input type="checkbox"/>			1247.85		P	7.5
8	<input type="checkbox"/>			346.68		P	13.0

150 Nd [He] No available calibration points

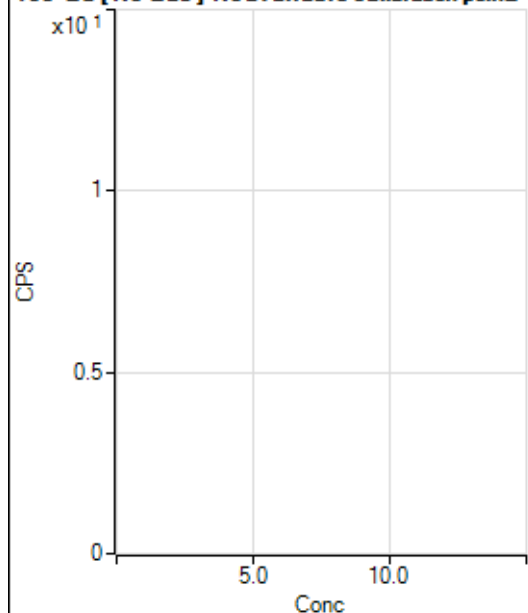
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			0.00		P	
2	<input type="checkbox"/>			3.33		P	0.0
3	<input type="checkbox"/>			17.78		P	39.0
4	<input type="checkbox"/>			31.11		P	27.0
5	<input type="checkbox"/>			66.67		P	18.0
6	<input type="checkbox"/>			105.56		P	6.6
7	<input type="checkbox"/>			213.34		P	13.9
8	<input type="checkbox"/>			174.45		P	8.8

156 Dy [No Gas] No available calibration points

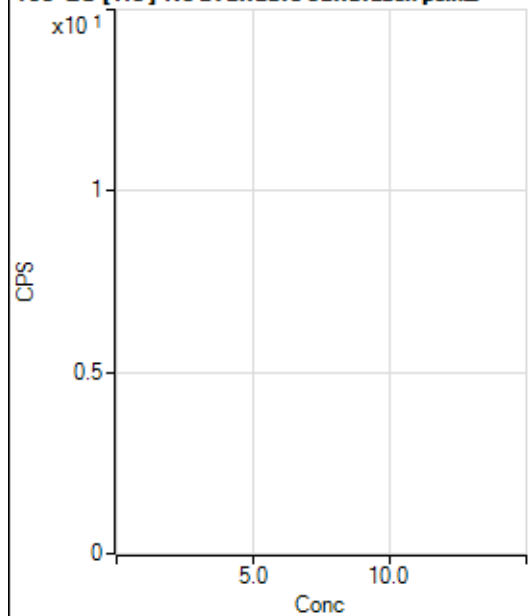
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			8.89		P	78.1
2	<input type="checkbox"/>			11.11		P	96.4
3	<input type="checkbox"/>			35.56		P	39.0
4	<input type="checkbox"/>			73.33		P	12.0
5	<input type="checkbox"/>			150.00		P	6.7
6	<input type="checkbox"/>			282.23		P	17.3
7	<input type="checkbox"/>			556.68		P	2.7
8	<input type="checkbox"/>			1679.01		P	3.9

156 Dy [He] No available calibration points

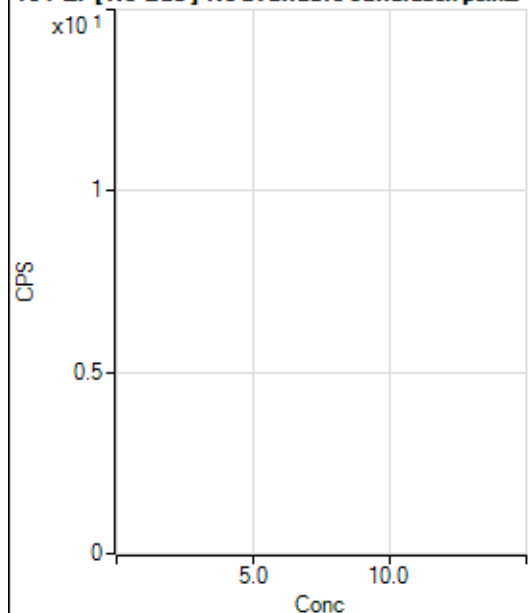
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			4.44		P	43.4
2	<input type="checkbox"/>			4.44		P	173.
3	<input type="checkbox"/>			27.78		P	61.6
4	<input type="checkbox"/>			98.89		P	7.8
5	<input type="checkbox"/>			202.22		P	3.4
6	<input type="checkbox"/>			360.01		P	7.6
7	<input type="checkbox"/>			670.02		P	7.5
8	<input type="checkbox"/>			1181.18		P	9.2

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

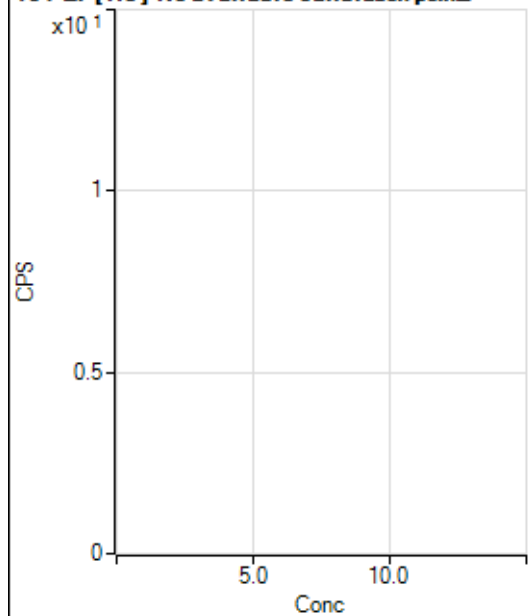
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			76.67		P	21.7
2	<input type="checkbox"/>			83.33		P	13.9
3	<input type="checkbox"/>			97.78		P	27.6
4	<input type="checkbox"/>			123.34		P	32.8
5	<input type="checkbox"/>			176.67		P	22.9
6	<input type="checkbox"/>			257.79		P	2.7
7	<input type="checkbox"/>			474.46		P	9.0
8	<input type="checkbox"/>			1876.81		P	0.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			356.68		P	18.7
2	<input type="checkbox"/>			358.90		P	17.8
3	<input type="checkbox"/>			380.01		P	7.6
4	<input type="checkbox"/>			380.01		P	12.4
5	<input type="checkbox"/>			445.57		P	3.5
6	<input type="checkbox"/>			512.23		P	5.9
7	<input type="checkbox"/>			635.57		P	0.6
8	<input type="checkbox"/>			1541.21		P	5.2

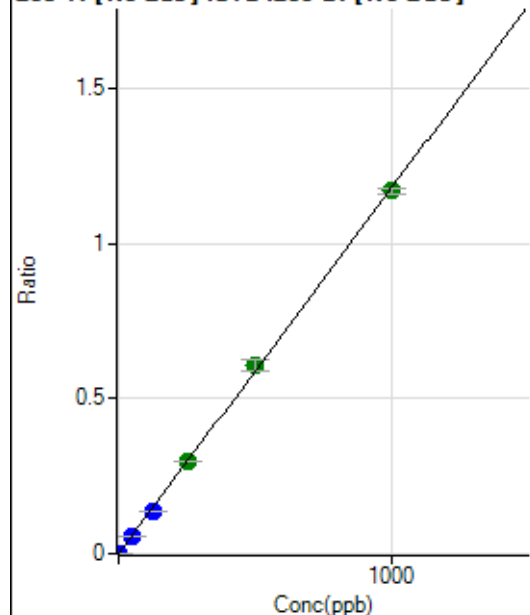
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			113.34		P	7.8
2	<input type="checkbox"/>			103.34		P	22.6
3	<input type="checkbox"/>			116.67		P	20.6
4	<input type="checkbox"/>			104.45		P	12.1
5	<input type="checkbox"/>			124.45		P	9.4
6	<input type="checkbox"/>			111.11		P	1.7
7	<input type="checkbox"/>			176.67		P	16.8
8	<input type="checkbox"/>			306.67		P	7.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			37.78		P	5.1
2	<input type="checkbox"/>			52.22		P	28.8
3	<input type="checkbox"/>			56.67		P	23.5
4	<input type="checkbox"/>			60.00		P	50.9
5	<input type="checkbox"/>			64.44		P	33.7
6	<input type="checkbox"/>			76.67		P	24.2
7	<input type="checkbox"/>			108.89		P	7.7
8	<input type="checkbox"/>			166.67		P	11.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	208.89	0.0000	P	20.5
2	<input type="checkbox"/>	1.000	0.835	6560.53	0.0010	P	1.8
3	<input type="checkbox"/>	50.000	46.923	367679.46	0.0553	P	6.0
4	<input type="checkbox"/>	125.000	117.092	919922.18	0.1379	P	1.8
5	<input type="checkbox"/>	250.000	252.245	1940561.83	0.2970	A	1.7
6	<input type="checkbox"/>	500.000	516.275	3833764.07	0.6079	A	6.2
7	<input type="checkbox"/>	1000.000	992.444	7434442.60	1.1686	A	1.8
8	<input type="checkbox"/>			1470.10	0.0003	P	7.7

$$y = 0.0012 * x + 3.2140E-005$$

R = 0.9998

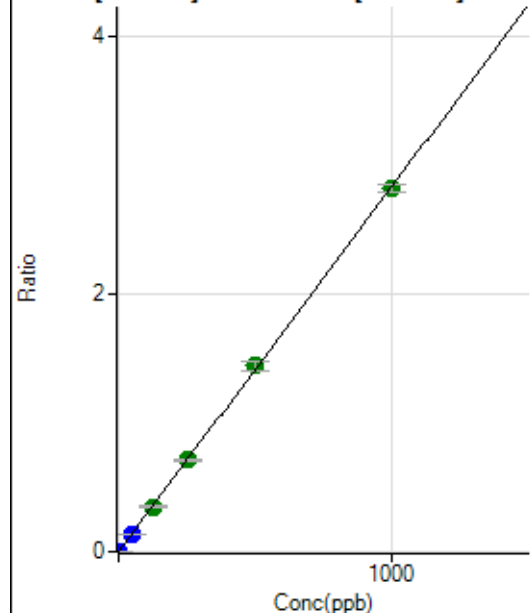
DL = 0.01679

BEC = 0.0273

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	462.23	0.0001	P	7.2
2	<input type="checkbox"/>	1.000	0.848	15943.90	0.0025	P	3.1
3	<input type="checkbox"/>	50.000	46.836	880889.54	0.1324	P	5.4
4	<input type="checkbox"/>	125.000	123.883	2335716.65	0.3501	A	1.7
5	<input type="checkbox"/>	250.000	250.574	4626409.93	0.7081	A	1.1
6	<input type="checkbox"/>	500.000	510.088	9092430.28	1.4414	A	5.4
7	<input type="checkbox"/>	1000.000	995.110	17889422.93	2.8119	A	2.1
8	<input type="checkbox"/>			3626.08	0.0007	P	10.1

$$y = 0.0028 * x + 7.1121E-005$$

R = 0.9999

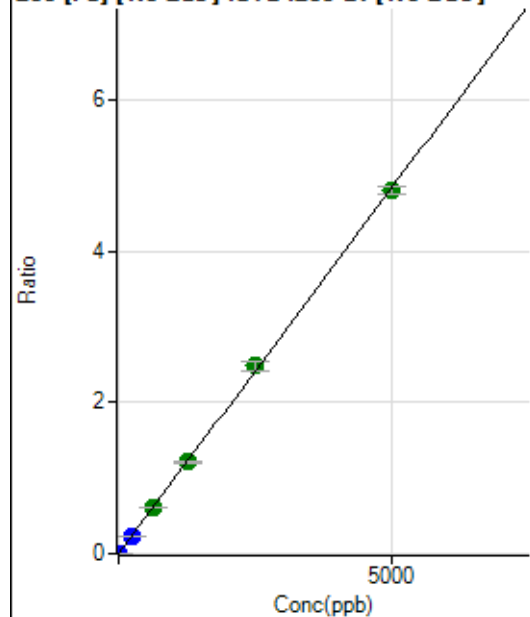
DL = 0.005454

BEC = 0.02517

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	288.89	0.0000	P	11.2
2	<input type="checkbox"/>	1.000	0.824	5430.02	0.0008	P	2.9
3	<input type="checkbox"/>	250.000	235.914	1514938.89	0.2278	P	6.2
4	<input type="checkbox"/>	625.000	622.408	4009232.68	0.6009	A	0.3
5	<input type="checkbox"/>	1250.000	1250.200	7885687.87	1.2070	A	1.1
6	<input type="checkbox"/>	2500.000	2573.455	15673204.63	2.4844	A	5.2
7	<input type="checkbox"/>	5000.000	4964.251	30489792.88	4.7925	A	2.2
8	<input type="checkbox"/>			12731.59	0.0023	P	2.4

$$y = 9.6539E-004 * x + 4.4433E-005$$

$$R = 0.9998$$

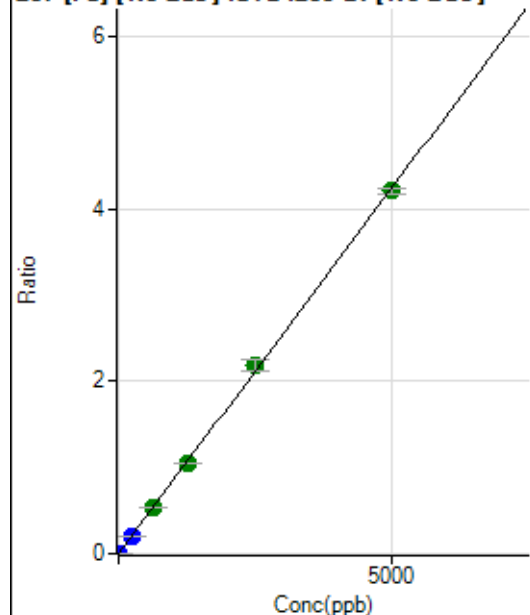
$$DL = 0.0155$$

$$BEC = 0.04603$$

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	243.34	0.0000	P	10.1
2	<input type="checkbox"/>	1.000	0.822	4750.87	0.0007	P	0.9
3	<input type="checkbox"/>	250.000	234.709	1325208.76	0.1993	P	6.4
4	<input type="checkbox"/>	625.000	621.678	3521296.65	0.5278	A	0.8
5	<input type="checkbox"/>	1250.000	1240.632	6880621.98	1.0532	A	1.5
6	<input type="checkbox"/>	2500.000	2573.903	13781804.93	2.1849	A	5.6
7	<input type="checkbox"/>	5000.000	4966.571	26823097.38	4.2160	A	1.6
8	<input type="checkbox"/>			10726.54	0.0020	P	1.7

$$y = 8.4886E-004 * x + 3.7417E-005$$

$$R = 0.9998$$

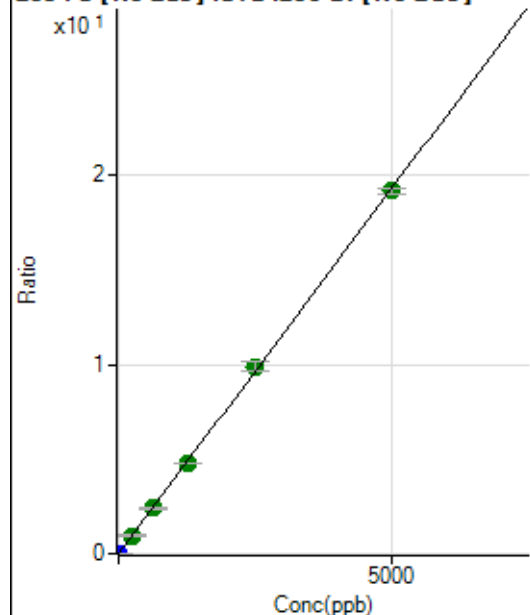
$$DL = 0.0134$$

$$BEC = 0.04408$$

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	1350.04	0.0002	P	2.4
2	<input type="checkbox"/>	1.000	0.835	22162.94	0.0034	P	2.1
3	<input type="checkbox"/>	250.000	244.051	6264014.85	0.9420	A	6.5
4	<input type="checkbox"/>	625.000	619.732	15956608.72	2.3917	A	0.8
5	<input type="checkbox"/>	1250.000	1241.814	31309408.77	4.7922	A	1.0
6	<input type="checkbox"/>	2500.000	2565.392	62456892.68	9.8997	A	5.0
7	<input type="checkbox"/>	5000.000	4970.307	122028593.1	19.1800	A	1.5
8	<input type="checkbox"/>			50599.75	0.0092	P	1.5

$$y = 0.0039 * x + 2.0765E-004$$

$$R = 0.9999$$

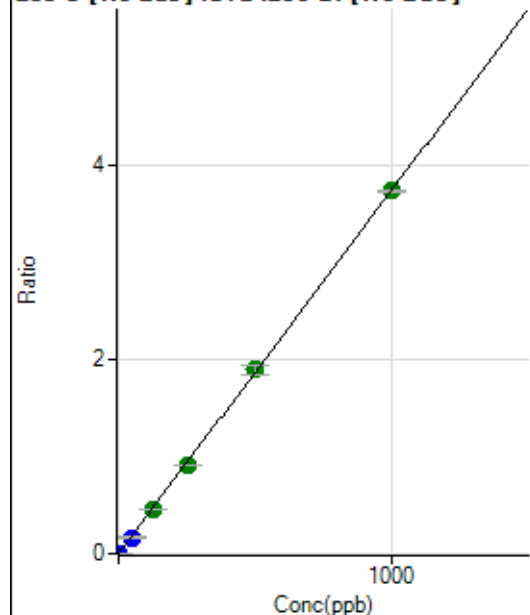
$$DL = 0.003913$$

$$BEC = 0.05381$$

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	24.44	0.0000	P	90.7
2	<input type="checkbox"/>	1.000	0.807	19529.96	0.0030	P	3.0
3	<input type="checkbox"/>	50.000	44.339	1102572.87	0.1658	P	6.8
4	<input type="checkbox"/>	125.000	120.421	3004437.42	0.4504	A	1.5
5	<input type="checkbox"/>	250.000	243.821	5957641.65	0.9119	A	0.7
6	<input type="checkbox"/>	500.000	506.598	11952056.63	1.8946	A	5.3
7	<input type="checkbox"/>	1000.000	999.101	23774016.32	3.7365	A	0.8
8	<input type="checkbox"/>			5204.40	0.0009	P	2.6

$$y = 0.0037 * x + 3.7563E-006$$

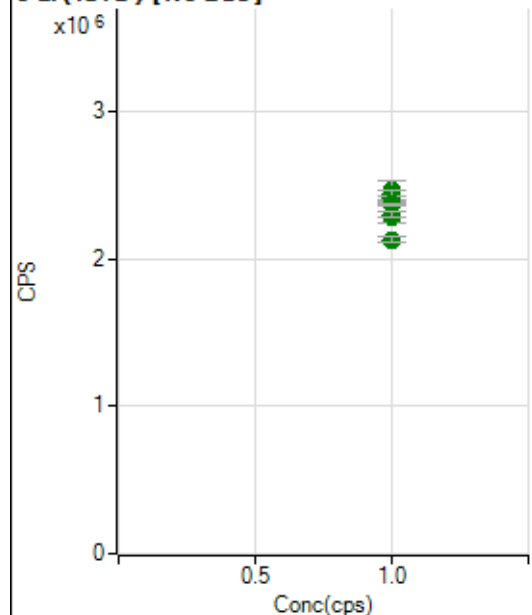
$$R = 0.9999$$

$$DL = 0.002734$$

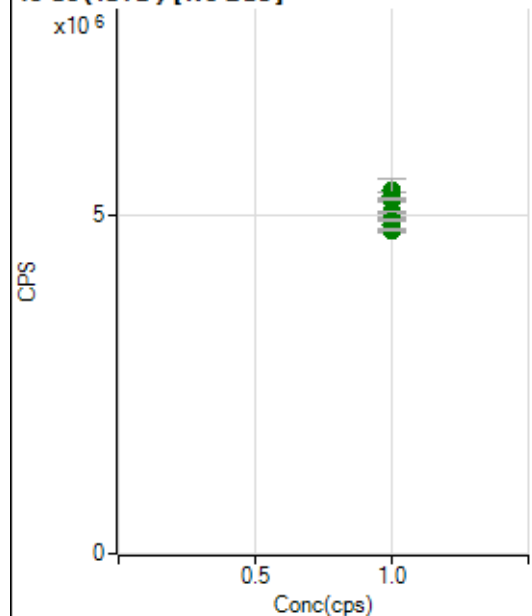
$$BEC = 0.001004$$

Weight: <None>

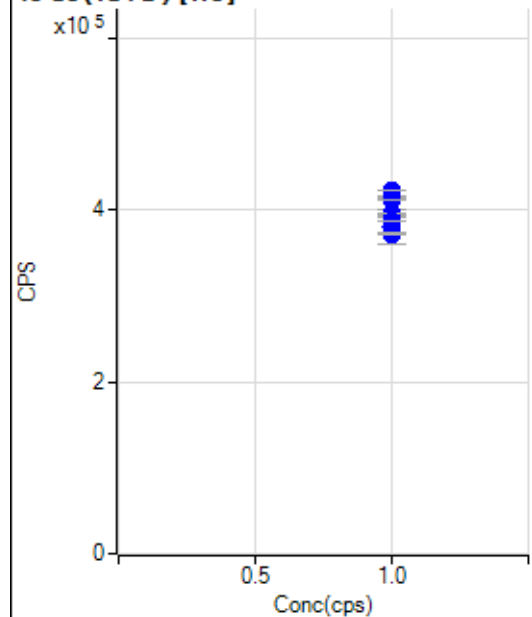
Min Conc: 0

6 Li (ISTD) [No Gas]

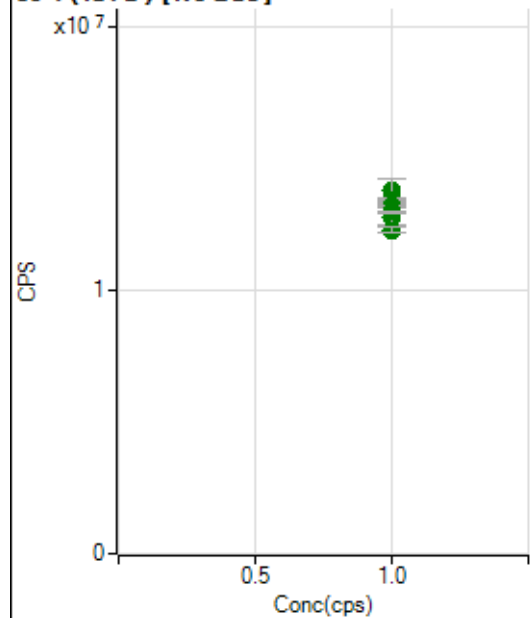
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2411189.24		A	1.2
2	<input type="checkbox"/>	1.000		2397971.75		A	0.1
3	<input type="checkbox"/>	1.000		2459837.92		A	5.7
4	<input type="checkbox"/>	1.000		2443106.25		A	1.3
5	<input type="checkbox"/>	1.000		2368886.79		A	0.6
6	<input type="checkbox"/>	1.000		2276242.85		A	3.4
7	<input type="checkbox"/>	1.000		2298499.37		A	1.5
8	<input type="checkbox"/>	1.000		2130493.16		A	1.4

45 Sc (ISTD) [No Gas]

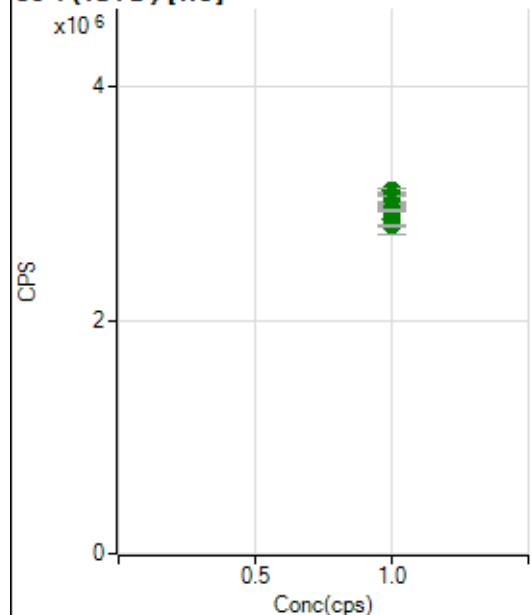
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5216664.68		A	0.9
2	<input type="checkbox"/>	1.000		5278919.64		A	1.9
3	<input type="checkbox"/>	1.000		5348083.32		A	6.2
4	<input type="checkbox"/>	1.000		5223218.64		A	0.7
5	<input type="checkbox"/>	1.000		5034188.43		A	0.6
6	<input type="checkbox"/>	1.000		4852001.77		A	4.5
7	<input type="checkbox"/>	1.000		4916620.28		A	0.5
8	<input type="checkbox"/>	1.000		4774480.97		A	0.4

45 Sc (ISTD) [He]

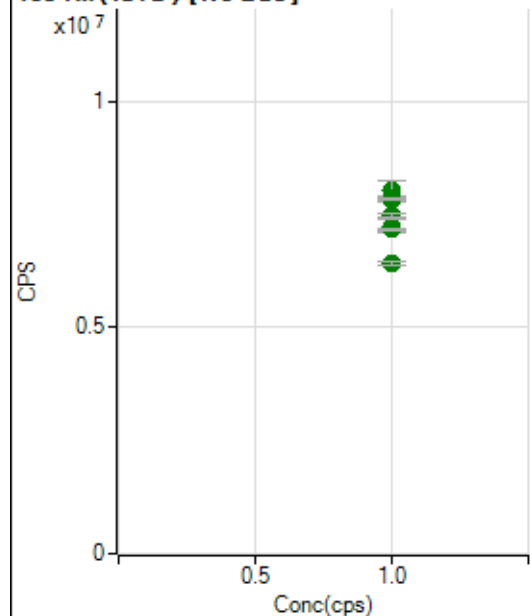
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		415108.06		P	0.6
2	<input type="checkbox"/>	1.000		422438.75		P	0.0
3	<input type="checkbox"/>	1.000		411827.36		P	0.4
4	<input type="checkbox"/>	1.000		380404.72		P	11.0
5	<input type="checkbox"/>	1.000		393705.84		P	0.5
6	<input type="checkbox"/>	1.000		396491.69		P	0.4
7	<input type="checkbox"/>	1.000		387723.54		P	0.1
8	<input type="checkbox"/>	1.000		372785.21		P	0.5

89 Y (ISTD) [No Gas]

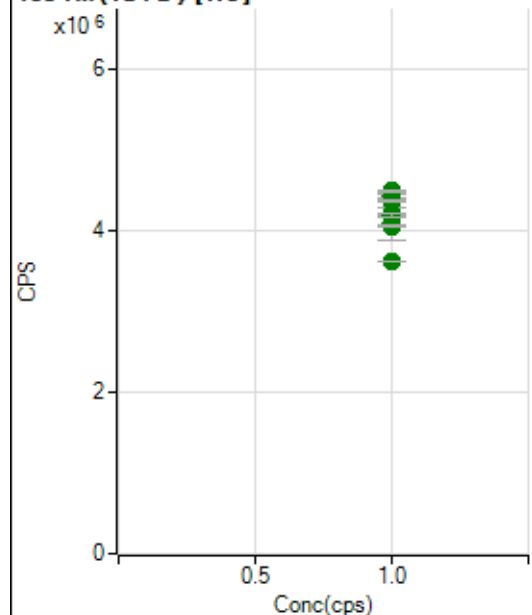
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		13275663.83		A	1.1
2	<input type="checkbox"/>	1.000		13331362.44		A	1.0
3	<input type="checkbox"/>	1.000		13772418.55		A	6.3
4	<input type="checkbox"/>	1.000		13466718.13		A	1.0
5	<input type="checkbox"/>	1.000		13194719.25		A	0.5
6	<input type="checkbox"/>	1.000		12750788.28		A	4.2
7	<input type="checkbox"/>	1.000		12972805.36		A	0.8
8	<input type="checkbox"/>	1.000		12281296.34		A	2.0

89 Y(ISTD) [He]

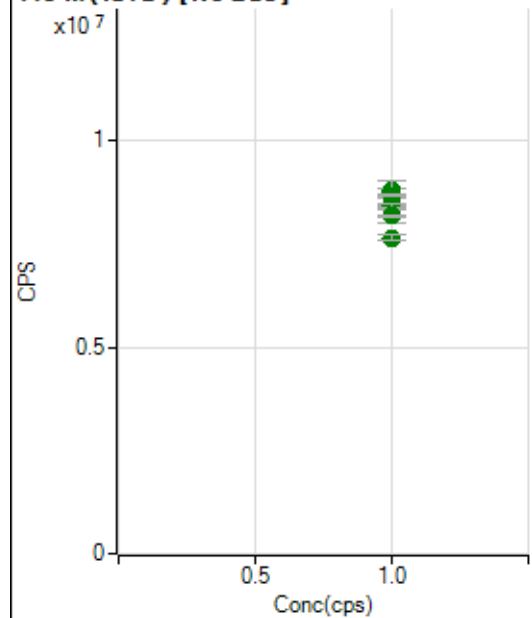
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3075502.73		A	0.7
2	<input type="checkbox"/>	1.000		3108155.58		A	1.2
3	<input type="checkbox"/>	1.000		3065036.76		A	0.4
4	<input type="checkbox"/>	1.000		2869168.26		A	9.7
5	<input type="checkbox"/>	1.000		2968963.67		A	0.7
6	<input type="checkbox"/>	1.000		2993237.35		A	0.8
7	<input type="checkbox"/>	1.000		2945483.39		A	0.4
8	<input type="checkbox"/>	1.000		2810730.96		A	0.8

103 Rh(ISTD) [No Gas]

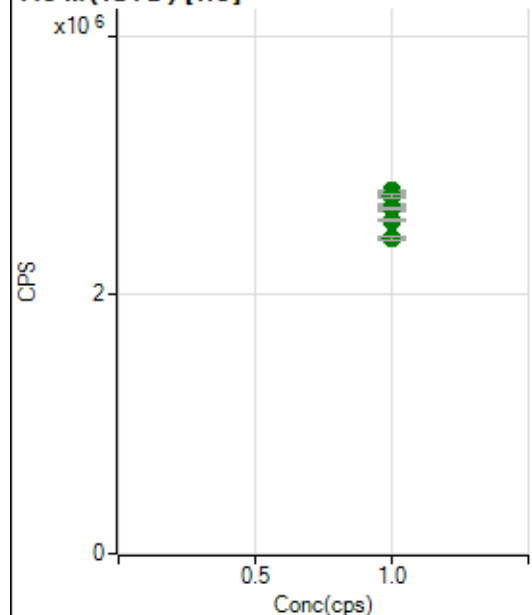
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		7882693.56		A	1.3
2	<input type="checkbox"/>	1.000		7822309.47		A	1.3
3	<input type="checkbox"/>	1.000		8026036.13		A	5.7
4	<input type="checkbox"/>	1.000		7853264.67		A	0.3
5	<input type="checkbox"/>	1.000		7496966.70		A	0.8
6	<input type="checkbox"/>	1.000		7245342.11		A	3.9
7	<input type="checkbox"/>	1.000		7168547.67		A	0.6
8	<input type="checkbox"/>	1.000		6412445.88		A	1.0

103 Rh (ISTD) [He]

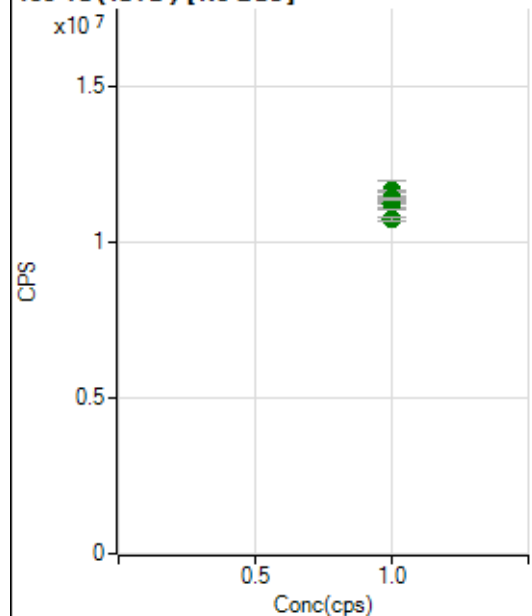
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4430217.68		A	0.9
2	<input type="checkbox"/>	1.000		4491490.69		A	0.8
3	<input type="checkbox"/>	1.000		4365839.28		A	0.2
4	<input type="checkbox"/>	1.000		4093219.17		A	9.9
5	<input type="checkbox"/>	1.000		4211074.77		A	0.5
6	<input type="checkbox"/>	1.000		4192219.80		A	1.3
7	<input type="checkbox"/>	1.000		4057035.57		A	0.5
8	<input type="checkbox"/>	1.000		3618182.52		A	0.4

115 In (ISTD) [No Gas]

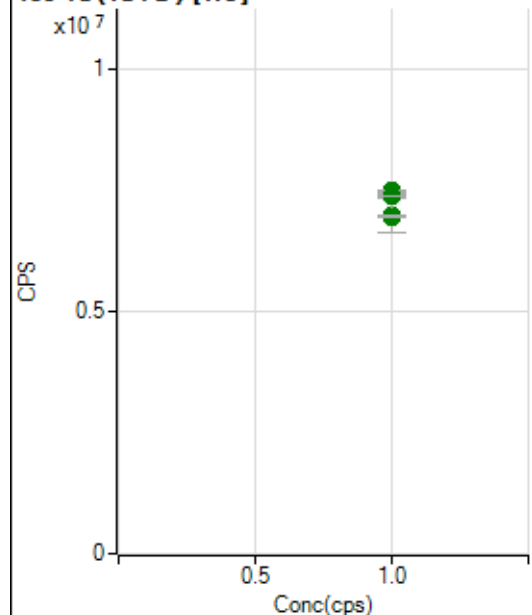
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8632309.80		A	0.8
2	<input type="checkbox"/>	1.000		8779717.71		A	1.3
3	<input type="checkbox"/>	1.000		8733595.21		A	6.7
4	<input type="checkbox"/>	1.000		8669609.97		A	0.4
5	<input type="checkbox"/>	1.000		8431425.46		A	0.9
6	<input type="checkbox"/>	1.000		8179949.94		A	4.1
7	<input type="checkbox"/>	1.000		8172649.29		A	0.6
8	<input type="checkbox"/>	1.000		7644266.91		A	1.6

115 In (ISTD) [He]

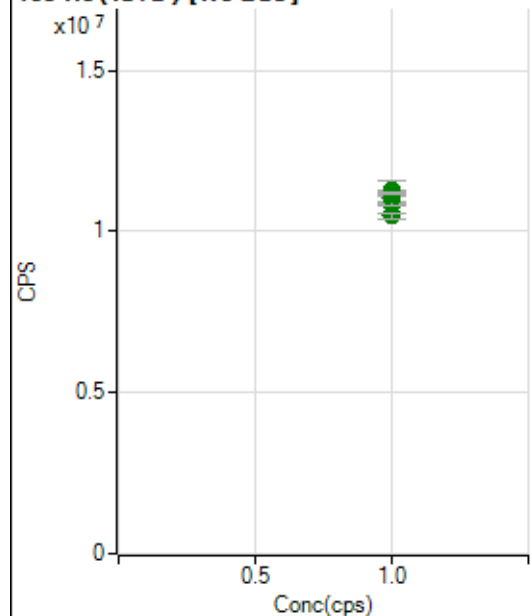
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2780763.22		A	1.0
2	<input type="checkbox"/>	1.000		2804563.00		A	0.5
3	<input type="checkbox"/>	1.000		2762273.12		A	0.9
4	<input type="checkbox"/>	1.000		2573000.16		A	10.1
5	<input type="checkbox"/>	1.000		2668732.99		A	1.3
6	<input type="checkbox"/>	1.000		2673135.82		A	0.6
7	<input type="checkbox"/>	1.000		2577129.52		A	0.2
8	<input type="checkbox"/>	1.000		2436068.01		A	1.1

159 Tb (ISTD) [No Gas]

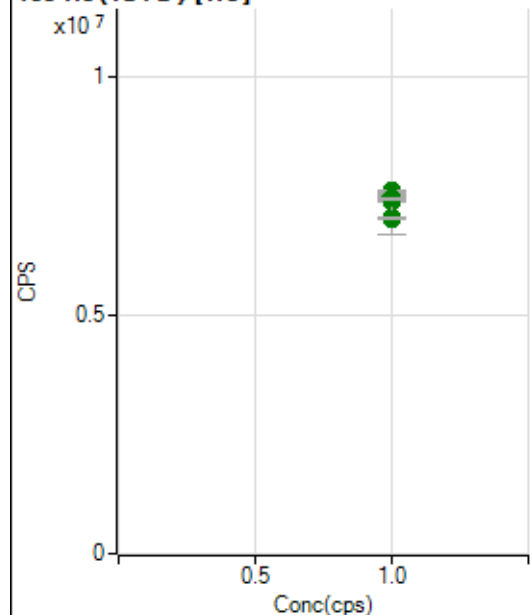
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		11224333.44		A	1.4
2	<input type="checkbox"/>	1.000		11344318.44		A	1.2
3	<input type="checkbox"/>	1.000		11644537.60		A	6.2
4	<input type="checkbox"/>	1.000		11663289.69		A	0.4
5	<input type="checkbox"/>	1.000		11451040.52		A	1.2
6	<input type="checkbox"/>	1.000		11275025.11		A	3.9
7	<input type="checkbox"/>	1.000		11404054.41		A	0.8
8	<input type="checkbox"/>	1.000		10766519.00		A	1.3

159 Tb (ISTD) [He]

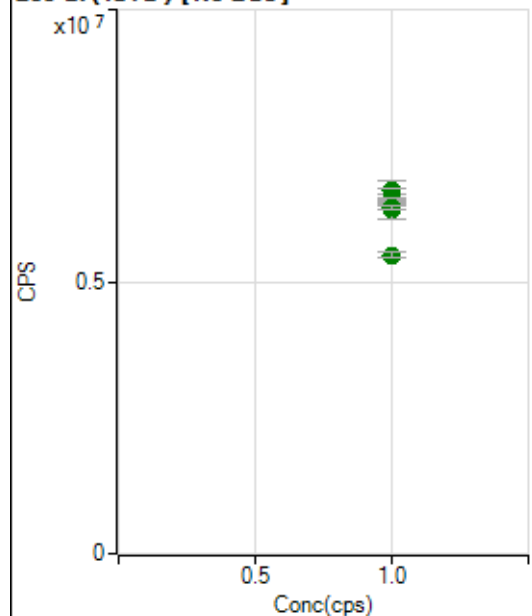
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		7399834.06		A	0.4
2	<input type="checkbox"/>	1.000		7475674.47		A	0.4
3	<input type="checkbox"/>	1.000		7453129.54		A	0.7
4	<input type="checkbox"/>	1.000		6982990.87		A	10.2
5	<input type="checkbox"/>	1.000		7408289.96		A	0.7
6	<input type="checkbox"/>	1.000		7498551.00		A	0.1
7	<input type="checkbox"/>	1.000		7393211.90		A	0.4
8	<input type="checkbox"/>	1.000		6974735.31		A	0.5

165 Ho (ISTD) [No Gas]

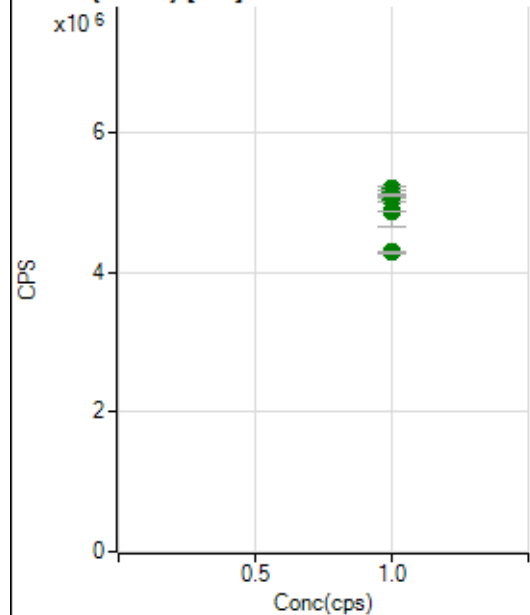
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		10863781.09		A	0.5
2	<input type="checkbox"/>	1.000		11010973.03		A	1.2
3	<input type="checkbox"/>	1.000		11229136.08		A	5.9
4	<input type="checkbox"/>	1.000		11259509.83		A	0.7
5	<input type="checkbox"/>	1.000		11169119.56		A	0.9
6	<input type="checkbox"/>	1.000		11027360.80		A	4.4
7	<input type="checkbox"/>	1.000		11170892.33		A	0.6
8	<input type="checkbox"/>	1.000		10482190.89		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		7392103.92		A	0.6
2	<input type="checkbox"/>	1.000		7467555.30		A	1.0
3	<input type="checkbox"/>	1.000		7433762.88		A	1.3
4	<input type="checkbox"/>	1.000		7057389.27		A	9.9
5	<input type="checkbox"/>	1.000		7497001.07		A	0.9
6	<input type="checkbox"/>	1.000		7611817.66		A	0.4
7	<input type="checkbox"/>	1.000		7463056.28		A	0.5
8	<input type="checkbox"/>	1.000		7039412.88		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6501092.89		A	0.7
2	<input type="checkbox"/>	1.000		6464297.26		A	1.0
3	<input type="checkbox"/>	1.000		6666263.93		A	5.7
4	<input type="checkbox"/>	1.000		6672098.16		A	1.5
5	<input type="checkbox"/>	1.000		6533587.40		A	0.5
6	<input type="checkbox"/>	1.000		6319348.80		A	5.0
7	<input type="checkbox"/>	1.000		6362699.98		A	0.8
8	<input type="checkbox"/>	1.000		5482602.14		A	2.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5158385.93		A	1.1
2	<input type="checkbox"/>	1.000		5195965.44		A	1.2
3	<input type="checkbox"/>	1.000		5152759.82		A	0.9
4	<input type="checkbox"/>	1.000		4881419.86		A	9.3
5	<input type="checkbox"/>	1.000		5035081.80		A	1.1
6	<input type="checkbox"/>	1.000		5099224.40		A	0.6
7	<input type="checkbox"/>	1.000		4883084.82		A	0.1
8	<input type="checkbox"/>	1.000		4288083.62		A	0.8

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7101623-MS.b

Acq. Date-Time 2023-10-16 13:07:19

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		10329	103293.63			1.994	5.000
24		78105	781052.24			1.984	5.000
25		10291	102910.22			1.625	5.000
26		11738	117381.62			1.746	5.000
59		87371	873706.90			1.562	5.000
113		12739	127394.21			1.732	5.000
115		153016	1530155.67			2.360	5.000
206		34154	341544.79			1.732	5.000
207		31397	313972.13			1.842	5.000
208		73290	732897.55			1.555	5.000
220		0	3.00			26.352	

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

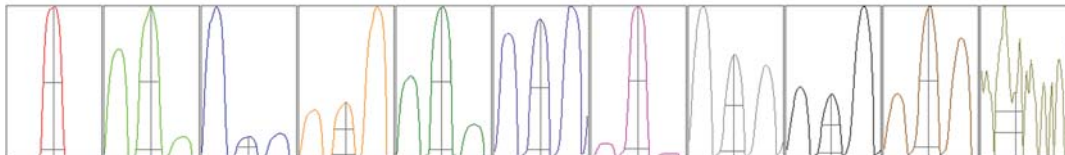
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	10496	10450	9979	10397	10325
24	78748	79572	75514	78027	78665
25	10305	10362	10000	10412	10375
26	11815	11846	11378	11877	11775
59	88717	87542	85101	87449	88044
113	12909	12853	12356	12815	12764
115	154166	154489	146626	154277	155520
206	34595	34529	33133	34263	34252
207	31995	31625	30439	31438	31490
208	74159	73800	71298	73713	73478

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	18381.06	9.00	8.90 - 9.10	
24	133968.89	24.00	23.90 - 24.10	
25	17866.47	25.00	24.90 - 25.10	
26	20551.63	26.00	25.90 - 26.10	
59	145127.53	58.95	58.90 - 59.10	
113	22969.32	113.00	112.90 - 113.10	
115	278839.34	115.00	114.90 - 115.10	
206	61372.36	205.95	205.90 - 206.10	
207	55404.70	206.95	206.90 - 207.10	
208	131213.36	207.95	207.90 - 208.10	
220	0.30	219.65	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.57	0.734	0.900	
24	0.62	0.809	0.900	
25	0.60	0.734	0.900	
26	0.60	0.739	0.900	
59	0.63	0.742	0.900	
113	0.57	0.736	0.900	
115	0.55	0.777	0.900	
206	0.57	0.787	0.900	
207	0.57	0.781	0.900	
208	0.57	0.809	0.900	
220	0.84	0.871		

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	14.8 V
Extract 2	-125.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-75 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	190 V		

QP Parameters

Mass Gain	131	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.13		

Hardware Settings

Torch

Torch H	-1.0 mm	Torch V	0.9 mm
---------	---------	---------	--------

EM

Discriminator	4.6 mV	Analog HV	2303 V	Pulse HV	1365 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		27977	279771.78			1.633	
89		36743	367432.41			1.402	
205		39264	392641.26			1.064	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	28099	28074	28614	27687	27411
89	36805	36787	37510	36517	36097
205	39509	39358	39745	39030	38679

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	2.4 V
-----------	-------	------------	-------	---------	-------

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	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.13		

Hardware Settings

Torch

Torch H	-1.0 mm	Torch V	0.9 mm
---------	---------	---------	--------

EM

Discriminator	4.6 mV	Analog HV	2303 V	Pulse HV	1365 V
---------------	--------	-----------	--------	----------	--------