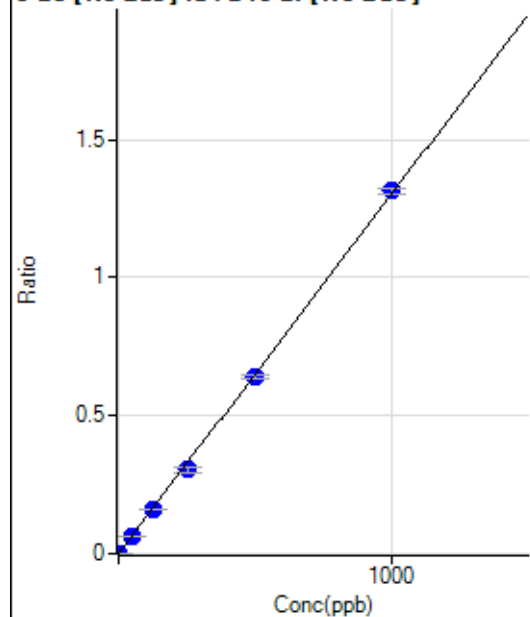


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102025 MS.b\
 Analysis File: P7102025 MS.batch.bin
 DA Date-Time: 2025-10-20 17:54:15
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-10-20 13:43:37
2	005CALS.d	S02	2025-10-20 13:47:02
3	007CALS.d	S03	2025-10-20 13:53:45
4	008CALS.d	S04	2025-10-20 13:57:06
5	009CALS.d	S05	2025-10-20 14:00:10
6	010CALS.d	S06	2025-10-20 14:03:08
7	011CALS.d	S07	2025-10-20 14:05:57
8	012CALS.d	S08	2025-10-20 14:08:45

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0000	P	38.5
2	☐	1.000	1.039	727.80	0.0014	P	2.3
3	☐	50.000	50.128	35492.93	0.0653	P	0.7
4	☐	125.000	121.539	88736.14	0.1583	P	0.7
5	☐	250.000	233.653	174463.25	0.3043	P	7.8
6	☐	500.000	490.975	351794.43	0.6395	P	1.6
7	☐	1000.000	1009.026	706276.16	1.3142	P	1.5
8	☐			390.01	0.0006	P	12.6

$$y = 0.0013 * x + 3.3925E-005$$

$$R = 0.9998$$

$$DL = 0.03009$$

$$BEC = 0.02605$$

Weight: <None>

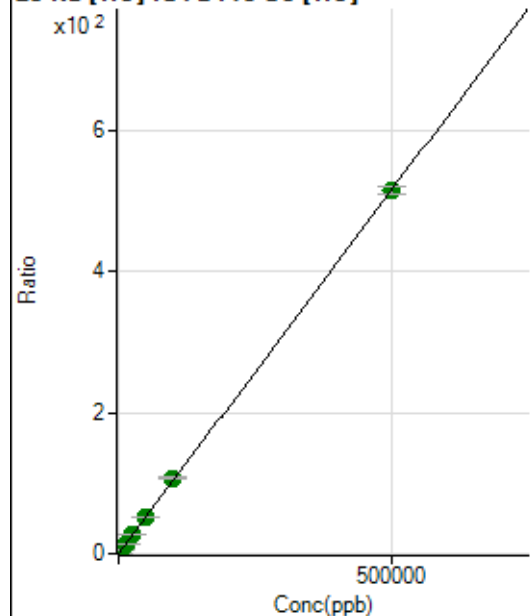
Min Conc: <None>

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20661.77	0.0570	P	2.5
2	☐	500.000	481.354	200930.20	0.5532	P	1.5
3	☐	5000.000	4999.609	1897100.23	5.2100	A	1.9
4	☐	12500.000	12373.887	4555147.99	12.8106	A	0.3
5	☐	25000.000	25140.350	9276921.80	25.9688	A	0.4
6	☐	50000.000	50755.900	18511775.84	52.3703	A	1.2
7	☐	100000.00	104325.10	37477939.72	107.5831	A	1.7
8	☐	500000.00	499055.54	219520083.3	514.4250	A	2.2

$$y = 0.0010 * x + 0.0570$$

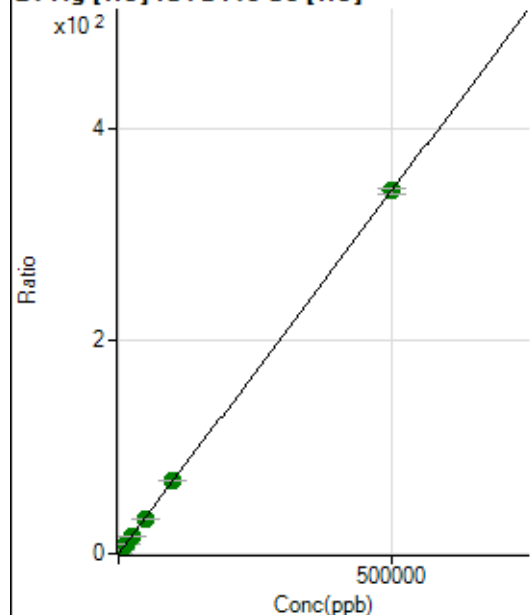
$$R = 1.0000$$

$$DL = 4.232$$

$$BEC = 55.33$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.23	0.0007	P	8.4
2	☐	500.000	470.710	116984.70	0.3220	P	1.6
3	☐	5000.000	4751.575	1181322.37	3.2446	A	0.9
4	☐	12500.000	12033.193	2921314.33	8.2157	A	0.9
5	☐	25000.000	24147.295	5889323.66	16.4860	A	0.5
6	☐	50000.000	48532.009	11712003.30	33.1334	A	1.0
7	☐	100000.00	100524.66	23907270.48	68.6286	A	1.0
8	☐	500000.00	500098.68	145696162.2	341.4166	A	1.9

$$y = 6.8270E-004 * x + 6.9614E-004$$

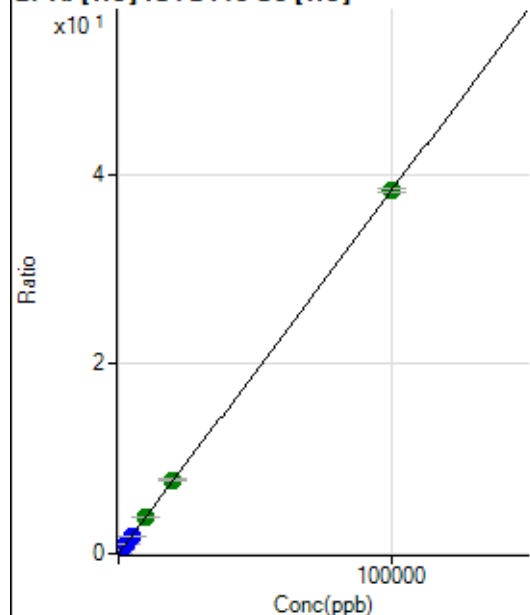
$$R = 1.0000$$

$$DL = 0.2585$$

$$BEC = 1.02$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	750.02	0.0021	P	2.7
2	☐	20.000	19.738	3495.99	0.0096	P	2.3
3	☐	1000.000	978.988	137184.17	0.3768	P	0.8
4	☐	2500.000	2410.285	328760.64	0.9246	P	0.9
5	☐	5000.000	4835.548	661873.17	1.8529	P	1.2
6	☐	10000.000	9909.938	1341536.38	3.7951	A	1.5
7	☐	20000.000	20243.638	2700040.85	7.7503	A	2.6
8	☐	100000.00	99970.954	16330632.67	38.2659	A	1.1

$$y = 3.8275E-004 * x + 0.0021$$

$$R = 1.0000$$

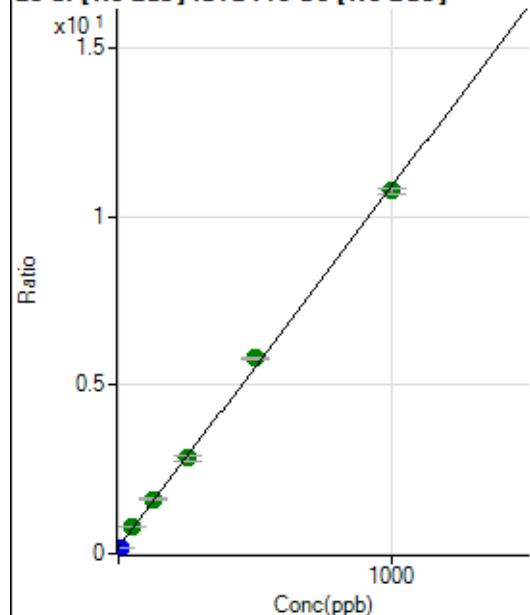
$$DL = 0.4315$$

$$BEC = 5.408$$

Weight: <None>

Min Conc: <None>

28 Si [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	672902.81	0.1910	P	2.8
2	☐	10.000	0.069	681830.30	0.1918	P	1.3
3	☐	50.000	57.655	2878720.97	0.8086	A	3.6
4	☐	125.000	132.779	5750349.29	1.6132	A	2.2
5	☐	250.000	246.623	10381392.69	2.8326	A	7.4
6	☐	500.000	523.830	20067779.56	5.8017	A	0.5
7	☐	1000.000	987.673	37122531.67	10.7699	A	1.4
8	☐			733907.28	0.1767	P	1.7

$$y = 0.0107 * x + 0.1910$$

$$R = 0.9994$$

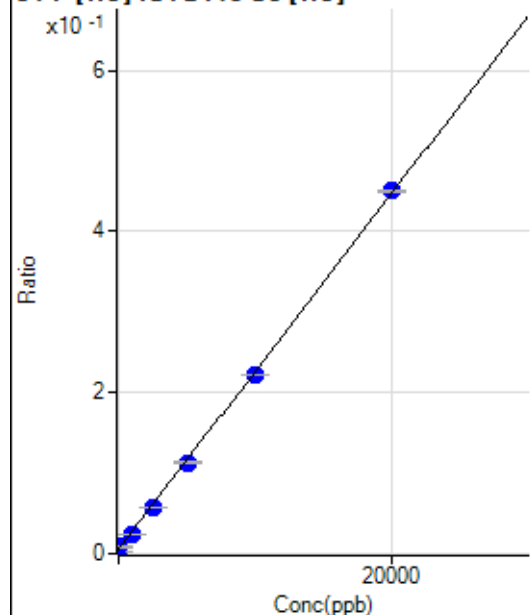
$$DL = 1.505$$

$$BEC = 17.83$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-129.693	1025.61	0.0028	P	12.4
2	☐	0.000	129.693	3105.91	0.0086	P	4.7
3	☐	1000.000	865.474	9023.86	0.0248	P	0.8
4	☐	2500.000	2331.991	20313.63	0.0571	P	2.1
5	☐	5000.000	4869.077	40401.11	0.1131	P	1.2
6	☐	10000.000	9811.167	78514.83	0.2221	P	0.7
7	☐	20000.000	20154.875	156856.87	0.4503	P	0.4
8	☐			1017.82	0.0024	P	1.6

$$y = 2.2059E-005 * x + 0.0057$$

$$R = 0.9998$$

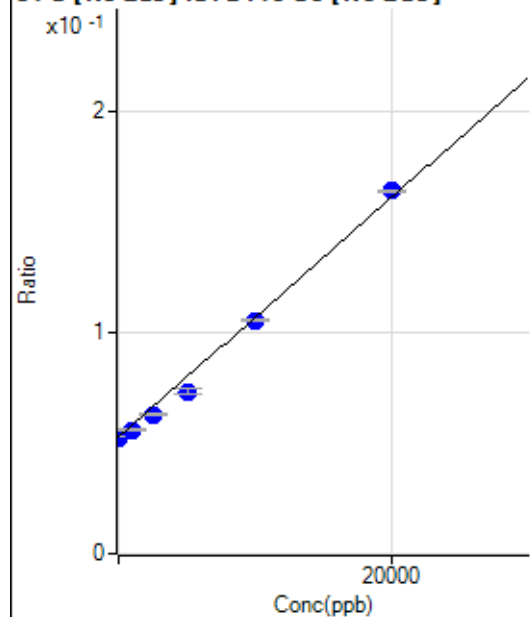
$$DL = 51.1$$

$$BEC = 258$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-64.759	184796.75	0.0525	P	2.7
2	☐	0.000	64.759	189022.93	0.0532	P	0.3
3	☐	1000.000	548.727	198640.93	0.0558	P	1.5
4	☐	2500.000	1853.532	224029.26	0.0628	P	1.3
5	☐	5000.000	3792.712	268993.76	0.0733	P	4.0
6	☐	10000.000	9731.498	364870.25	0.1055	P	0.5
7	☐	20000.000	20539.445	565290.40	0.1640	P	0.3
8	☐			165209.14	0.0398	P	2.8

$$y = 5.4135\text{E-}006 * x + 0.0528$$

R = 0.9979

DL = 443.6

BEC = 9755

Weight: <None>

Min Conc: <None>

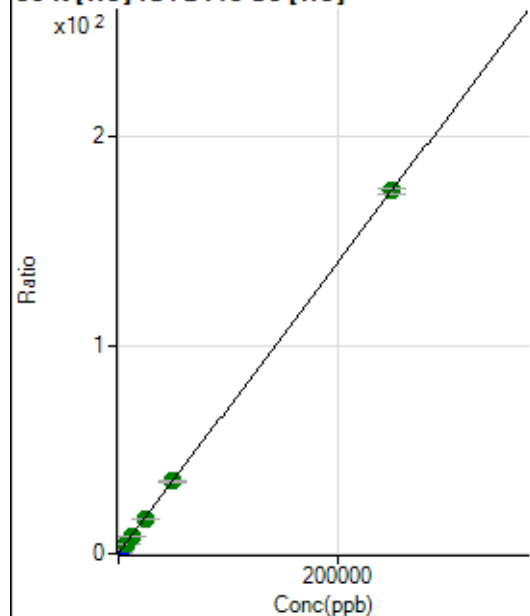
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58567.82	0.1617	P	1.0
2	☐	500.000	500.580	185022.79	0.5094	P	1.4
3	☐	2500.000	2538.006	700696.05	1.9245	P	0.7
4	☐	6250.000	5970.179	1532080.98	4.3085	A	0.7
5	☐	12500.000	12004.624	3036424.47	8.5000	A	0.9
6	☐	25000.000	24211.419	6001814.29	16.9788	A	0.5
7	☐	50000.000	49692.683	12080147.74	34.6781	A	0.9
8	☐	250000.00	250171.70	74224553.89	173.9303	A	1.8

$$y = 6.9460\text{E-}004 * x + 0.1617$$

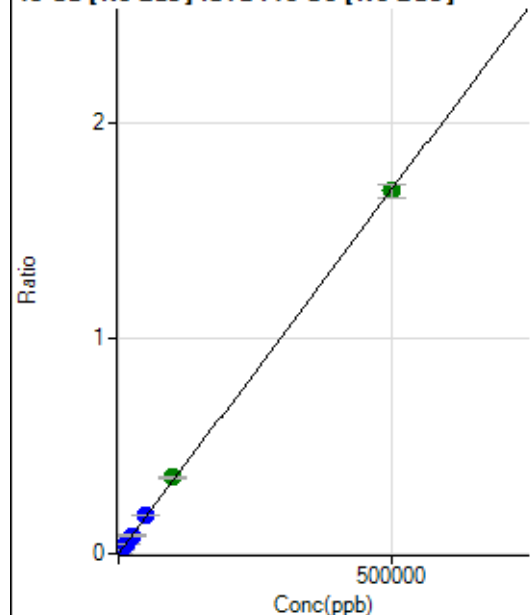
$$R = 1.0000$$

$$DL = 7.24$$

$$BEC = 232.7$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	231.11	0.0001	P	19.2
2	☐	500.000	533.140	6635.96	0.0019	P	1.1
3	☐	5000.000	5272.576	63632.18	0.0179	P	4.3
4	☐	12500.000	13051.609	157371.61	0.0442	P	2.4
5	☐	25000.000	25046.200	310391.63	0.0847	P	6.0
6	☐	50000.000	53560.070	625959.55	0.1810	P	0.3
7	☐	100000.00	105025.64	1222957.41	0.3548	A	1.3
8	☐	500000.00	498620.00	6996238.86	1.6843	A	3.9

$$y = 3.3777\text{E-}006 * x + 6.5604\text{E-}005$$

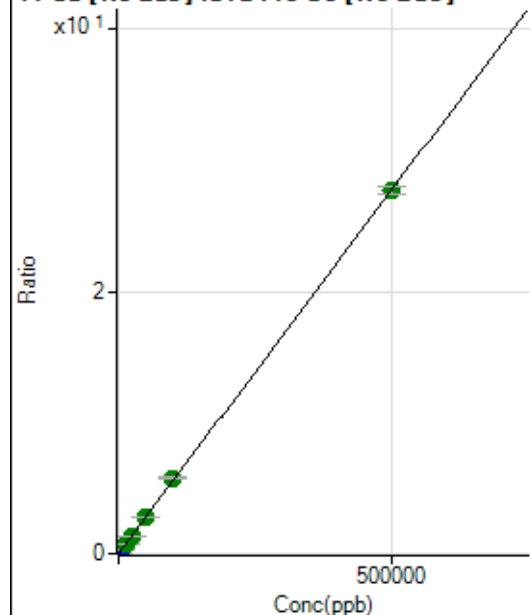
$$R = 0.9999$$

$$DL = 11.22$$

$$BEC = 19.42$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14122.65	0.0040	P	3.2
2	☐	500.000	518.924	116459.54	0.0328	P	0.2
3	☐	5000.000	5260.828	1051739.84	0.2954	P	3.1
4	☐	12500.000	12419.678	2466475.20	0.6919	A	1.8
5	☐	25000.000	23679.423	4822752.19	1.3156	A	6.2
6	☐	50000.000	50954.967	9775127.08	2.8264	A	1.2
7	☐	100000.00	104332.44	19933039.28	5.7829	A	0.4
8	☐	500000.00	499103.42	114863571.6	27.6490	A	2.0

$$y = 5.5389\text{E-}005 * x + 0.0040$$

$$R = 0.9999$$

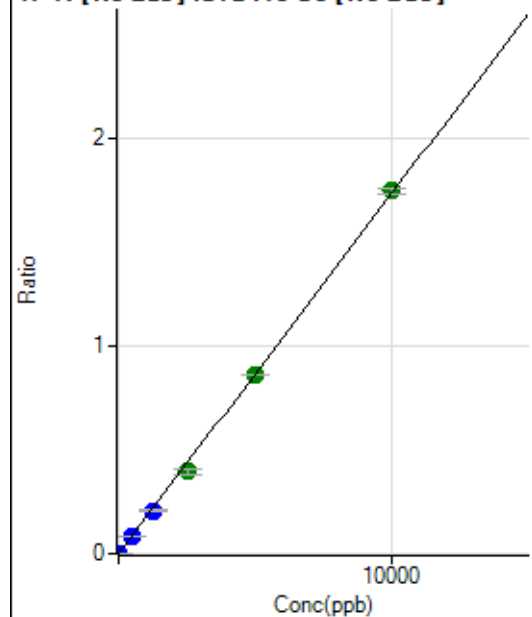
$$DL = 6.872$$

$$BEC = 72.39$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.11	0.0000	P	32.6
2	☐	5.000	4.976	3160.35	0.0009	P	1.4
3	☐	500.000	482.265	297856.99	0.0837	P	3.7
4	☐	1250.000	1200.567	742301.52	0.2082	P	2.2
5	☐	2500.000	2277.558	1448191.56	0.3950	A	6.2
6	☐	5000.000	4961.405	2976257.52	0.8605	A	0.3
7	☐	10000.000	10081.974	6026953.80	1.7486	A	1.5
8	☐			1895.70	0.0005	P	24.3

$$y = 1.7343\text{E-}004 * x + 2.5791\text{E-}005$$

$$R = 0.9997$$

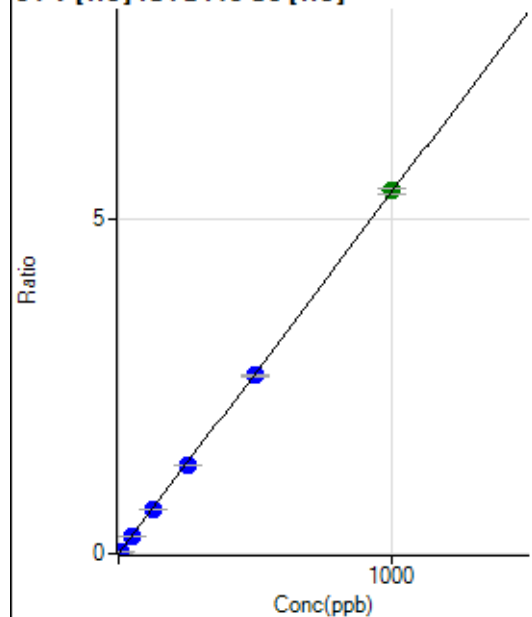
$$DL = 0.1453$$

$$BEC = 0.1487$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0001	P	28.5
2	☐	5.000	4.960	9717.66	0.0268	P	3.4
3	☐	50.000	48.922	95872.45	0.2633	P	0.7
4	☐	125.000	120.859	231285.18	0.6504	P	0.7
5	☐	250.000	244.415	469857.76	1.3153	P	1.3
6	☐	500.000	494.351	940372.25	2.6603	P	0.8
7	☐	1000.000	1004.793	1883673.10	5.4071	A	1.5
8	☐			4007.24	0.0094	P	5.8

$$y = 0.0054 * x + 6.4399\text{E-}005$$

$$R = 1.0000$$

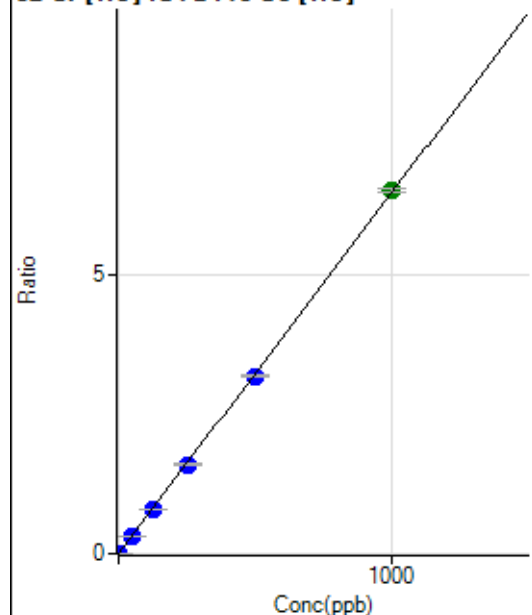
$$DL = 0.01025$$

$$BEC = 0.01197$$

Weight: <None>

Min Conc: <None>

52 Cr [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1416.75	0.0039	P	3.2
2	☐	2.000	1.966	6044.60	0.0166	P	1.9
3	☐	50.000	48.856	116557.80	0.3201	P	1.4
4	☐	125.000	121.823	281778.78	0.7925	P	0.7
5	☐	250.000	245.604	569283.40	1.5937	P	1.4
6	☐	500.000	491.948	1127008.17	3.1882	P	0.6
7	☐	1000.000	1005.580	2268649.22	6.5129	A	1.2
8	☐			26644.74	0.0624	P	1.8

$$y = 0.0065 * x + 0.0039$$

$$R = 0.9999$$

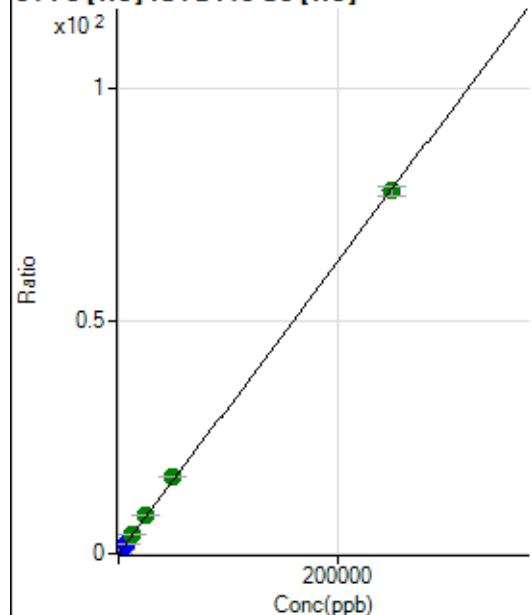
$$DL = 0.05871$$

$$BEC = 0.6041$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2084.61	0.0058	P	3.8
2	☐	50.000	55.627	8404.63	0.0231	P	1.8
3	☐	2500.000	2746.186	314578.56	0.8640	P	0.7
4	☐	6250.000	6810.171	758824.68	2.1340	P	0.3
5	☐	12500.000	13181.527	1473568.49	4.1251	A	1.7
6	☐	25000.000	26316.499	2909202.25	8.2300	A	0.7
7	☐	50000.000	53144.007	5787319.22	16.6139	A	0.9
8	☐	250000.00	249189.00	33233618.40	77.8805	A	2.5

$$y = 3.1251E-004 * x + 0.0058$$

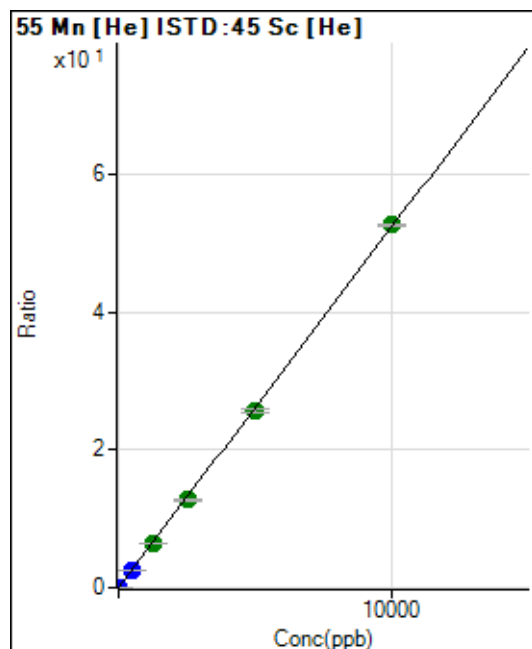
$$R = 0.9999$$

$$DL = 2.099$$

$$BEC = 18.41$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	686.69	0.0019	P	10.8
2	☐	1.000	0.954	2504.68	0.0069	P	3.3
3	☐	500.000	494.549	944011.18	2.5928	P	0.5
4	☐	1250.000	1206.706	2248694.59	6.3237	A	1.1
5	☐	2500.000	2434.044	4555500.11	12.7536	A	2.1
6	☐	5000.000	4909.245	9091782.92	25.7209	A	1.3
7	☐	10000.000	10067.551	18373850.56	52.7447	A	0.8
8	☐			19346.97	0.0453	P	1.2

$$y = 0.0052 * x + 0.0019$$

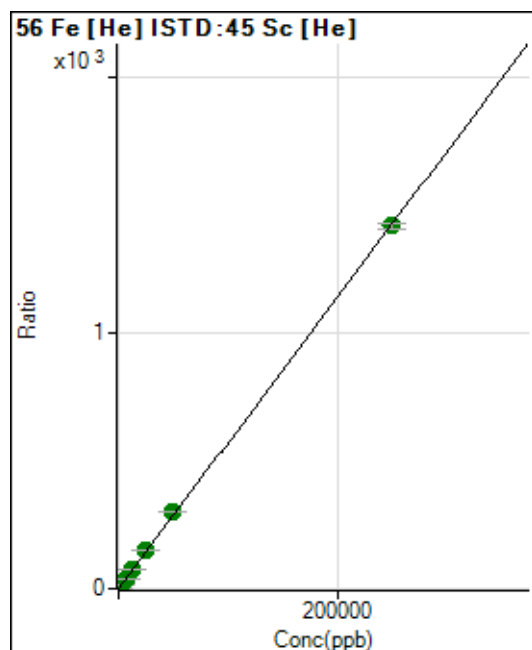
$$R = 0.9999$$

$$DL = 0.1167$$

$$BEC = 0.3618$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19975.61	0.0551	P	1.5
2	☐	50.000	52.857	129244.97	0.3558	P	1.3
3	☐	2500.000	2587.405	5379049.47	14.7729	A	1.4
4	☐	6250.000	6355.485	12874385.22	36.2066	A	0.3
5	☐	12500.000	12862.200	26155055.72	73.2183	A	1.0
6	☐	25000.000	26026.703	52350234.78	148.1011	A	1.3
7	☐	50000.000	52656.883	104347831.7	299.5797	A	1.3
8	☐	250000.00	249344.33	605309306.5	1,418.383	A	1.7

$$y = 0.0057 * x + 0.0551$$

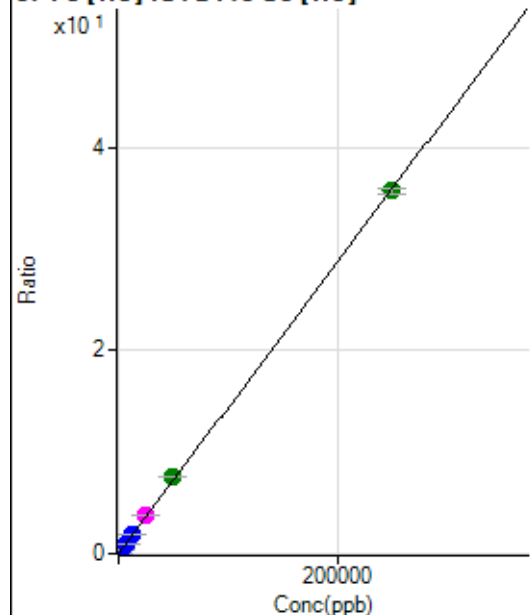
$$R = 0.9999$$

$$DL = 0.4292$$

$$BEC = 9.693$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1588.99	0.0044	P	4.5
2	☐	50.000	55.584	4488.49	0.0124	P	4.0
3	☐	2500.000	2671.577	141107.27	0.3876	P	0.5
4	☐	6250.000	6688.671	342667.96	0.9637	P	0.9
5	☐	12500.000	13370.775	686632.60	1.9221	P	0.7
6	☐	25000.000	26425.410	1341405.65	3.7945	M	2.3
7	☐	50000.000	53017.684	2650476.75	7.6085	A	1.4
8	☐	250000.00	249197.70	15254728.11	35.7460	A	1.5

$$y = 1.4343\text{E-}004 * x + 0.0044$$

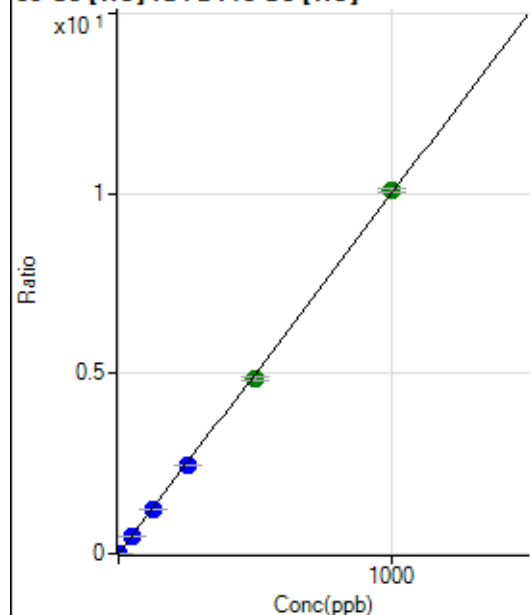
$$R = 0.9999$$

$$DL = 4.15$$

$$BEC = 30.58$$

Weight: <None>

Min Conc: <None>

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	146.67	0.0004	P	17.8
2	☐	1.000	1.052	3971.67	0.0109	P	1.4
3	☐	50.000	49.062	178881.27	0.4913	P	0.3
4	☐	125.000	121.988	434137.09	1.2209	P	1.3
5	☐	250.000	245.265	876746.03	2.4544	P	1.1
6	☐	500.000	487.549	1724382.47	4.8785	A	2.4
7	☐	1000.000	1007.833	3512511.23	10.0842	A	1.2
8	☐			13759.76	0.0322	P	0.7

$$y = 0.0100 * x + 4.0482\text{E-}004$$

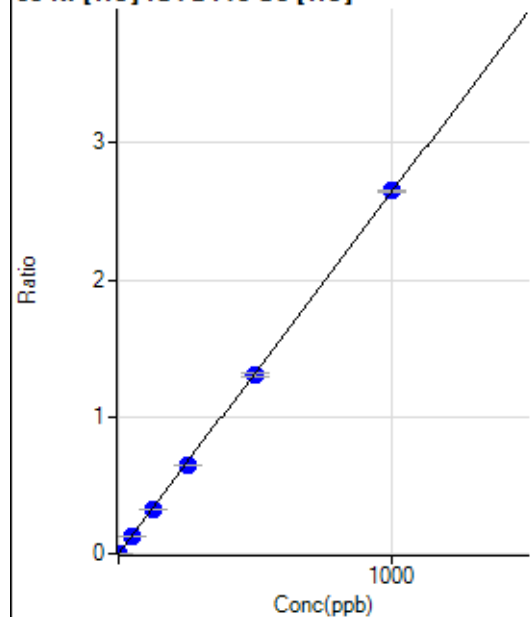
$$R = 0.9999$$

$$DL = 0.02157$$

$$BEC = 0.04046$$

Weight: <None>

Min Conc: <None>

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	498.90	0.0014	P	3.7
2	☐	1.000	0.964	1424.53	0.0039	P	5.8
3	☐	50.000	49.320	47846.18	0.1314	P	0.9
4	☐	125.000	122.263	115107.22	0.3237	P	0.9
5	☐	250.000	246.325	232496.26	0.6508	P	0.4
6	☐	500.000	494.707	461532.26	1.3057	P	1.6
7	☐	1000.000	1003.942	922457.54	2.6483	P	0.9
8	☐			9410.80	0.0221	P	1.3

$$y = 0.0026 * x + 0.0014$$

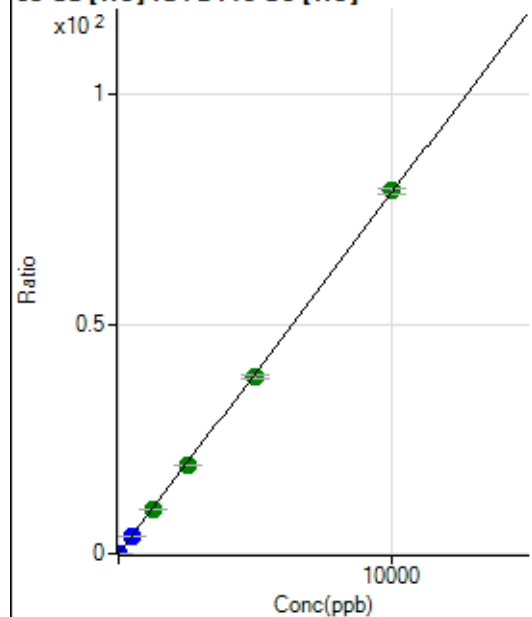
$$R = 1.0000$$

$$DL = 0.05854$$

$$BEC = 0.5223$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1093.39	0.0030	P	3.0
2	☐	2.000	1.863	6413.66	0.0177	P	0.7
3	☐	500.000	489.957	1402584.20	3.8523	P	0.3
4	☐	1250.000	1218.104	3403952.62	9.5729	A	0.7
5	☐	2500.000	2443.810	6860148.09	19.2024	A	0.5
6	☐	5000.000	4909.385	13635807.02	38.5728	A	2.0
7	☐	10000.000	10063.844	27541372.65	79.0681	A	1.8
8	☐			10743.94	0.0252	P	2.3

$$y = 0.0079 * x + 0.0030$$

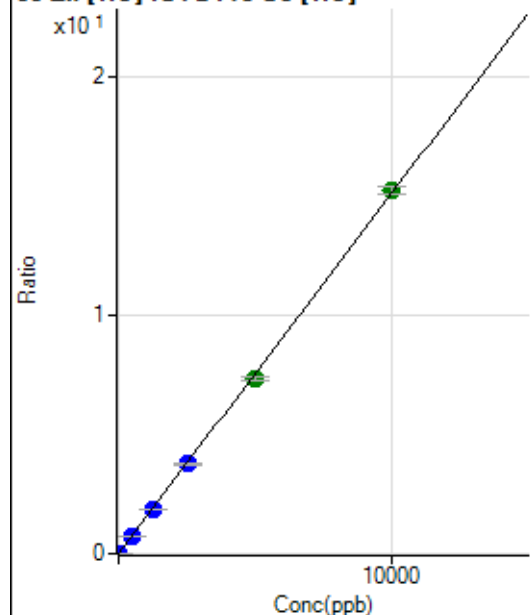
$$R = 0.9999$$

$$DL = 0.034$$

$$BEC = 0.3841$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2184.62	0.0060	P	4.4
2	☐	5.000	4.647	4739.69	0.0130	P	1.6
3	☐	500.000	500.892	277661.07	0.7626	P	0.4
4	☐	1250.000	1230.429	662984.99	1.8646	P	0.6
5	☐	2500.000	2482.707	1341745.11	3.7561	P	1.2
6	☐	5000.000	4863.285	2598721.49	7.3519	A	1.5
7	☐	10000.000	10075.083	5302611.07	15.2242	A	2.1
8	☐			10397.03	0.0244	P	2.1

$$y = 0.0015 * x + 0.0060$$

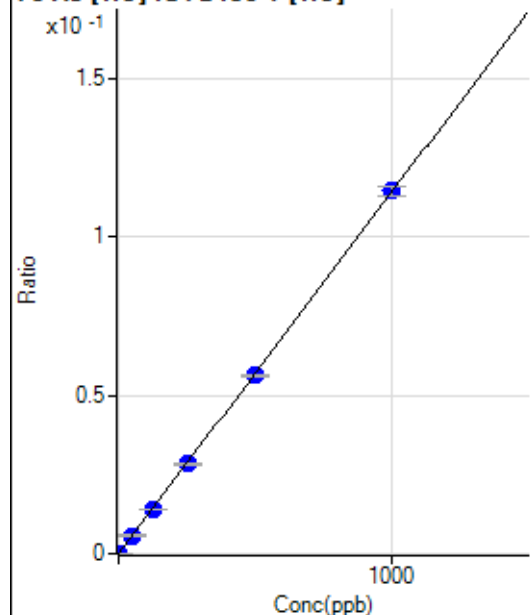
$$R = 0.9999$$

$$DL = 0.5244$$

$$BEC = 3.992$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.32	0.0000	P	79.7
2	☐	1.000	1.281	428.95	0.0001	P	0.8
3	☐	50.000	49.941	16365.46	0.0057	P	3.1
4	☐	125.000	121.303	39277.56	0.0138	P	1.0
5	☐	250.000	248.451	79324.83	0.0283	P	1.9
6	☐	500.000	493.472	159085.59	0.0562	P	0.7
7	☐	1000.000	1004.116	319615.16	0.1144	P	3.0
8	☐			249.75	0.0001	P	4.1

$$y = 1.1396E-004 * x + 2.2041E-006$$

$$R = 1.0000$$

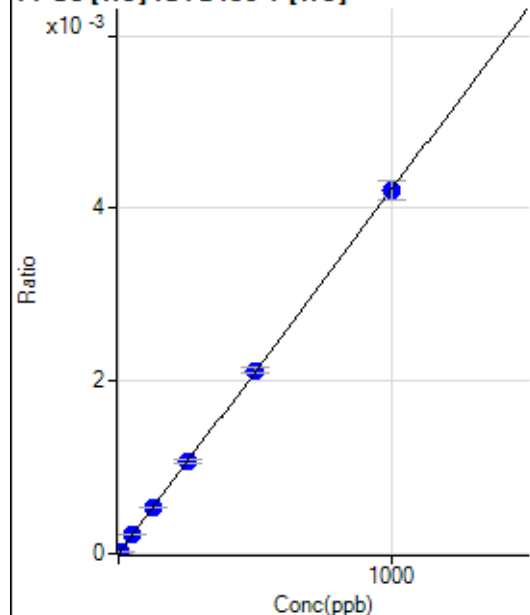
$$DL = 0.04623$$

$$BEC = 0.01934$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	6.014	74.45	0.0000	P	5.4
3	☐	50.000	52.758	640.02	0.0002	P	7.8
4	☐	125.000	127.908	1532.32	0.0005	P	0.9
5	☐	250.000	251.899	2974.77	0.0011	P	3.6
6	☐	500.000	504.095	6010.16	0.0021	P	2.3
7	☐	1000.000	996.971	11731.41	0.0042	P	5.3
8	☐			14.44	0.0000	P	67.0

$$y = 4.2141\text{E-}006 * x + 3.8796\text{E-}007$$

$$R = 1.0000$$

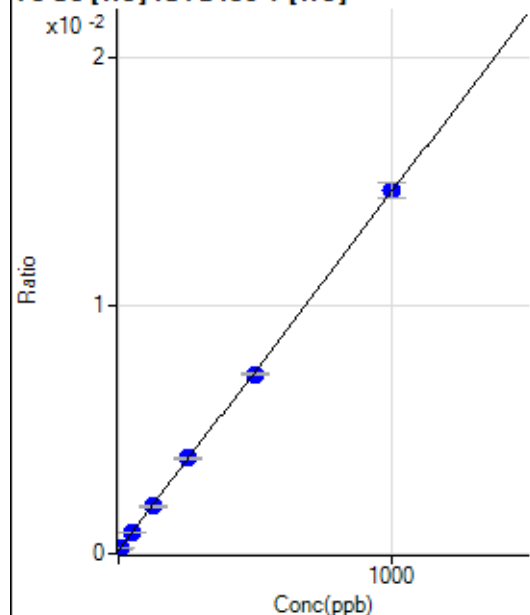
$$DL = 0.4784$$

$$BEC = 0.09206$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	385.56	0.0001	P	5.0
2	☐	5.000	5.401	615.58	0.0002	P	6.6
3	☐	50.000	49.113	2426.89	0.0008	P	2.2
4	☐	125.000	122.850	5423.27	0.0019	P	2.8
5	☐	250.000	256.543	10760.69	0.0038	P	1.1
6	☐	500.000	491.280	20453.18	0.0072	P	1.5
7	☐	1000.000	1003.036	40838.61	0.0146	P	4.4
8	☐			381.12	0.0001	P	2.0

$$y = 1.4442\text{E-}005 * x + 1.3473\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.395$$

$$BEC = 9.329$$

Weight: <None>

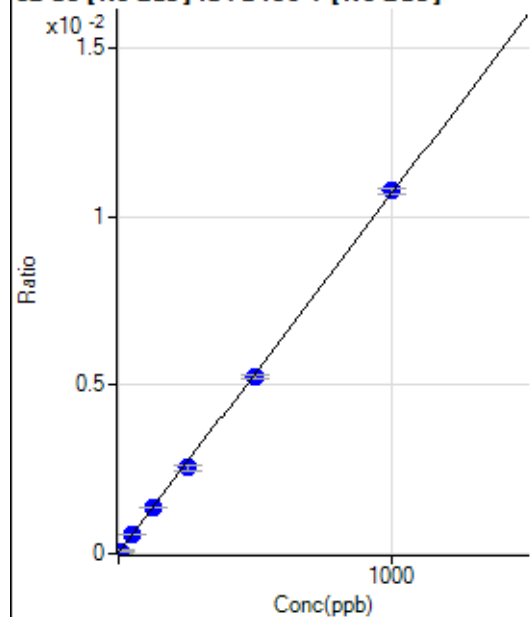
Min Conc: <None>

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9119.56		P	0.6
2	☐			9324.13		P	1.6
3	☐			9031.74		P	0.7
4	☐			9209.63		P	2.3
5	☐			9250.76		P	2.1
6	☐			8632.62		P	1.7
7	☐			8421.38		P	1.4
8	☐			9084.00		P	4.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.56		P	8.1
2	☐			107.78		P	18.1
3	☐			115.56		P	18.5
4	☐			114.45		P	22.2
5	☐			114.45		P	21.9
6	☐			92.22		P	17.1
7	☐			108.89		P	19.7
8	☐			228.89		P	18.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	299.64	0.0000	P	12.0
2	☐	5.000	5.232	878.57	0.0001	P	6.6
3	☐	50.000	50.038	5889.03	0.0006	P	3.0
4	☐	125.000	125.770	14155.34	0.0014	P	1.0
5	☐	250.000	235.828	27549.09	0.0025	P	6.5
6	☐	500.000	491.137	55021.08	0.0053	P	2.5
7	☐	1000.000	1007.875	109279.12	0.0108	P	1.5
8	☐			531.06	0.0000	P	21.7

$$y = 1.0642\text{E-}005 * x + 2.9170\text{E-}005$$

R = 0.9998

DL = 0.9848

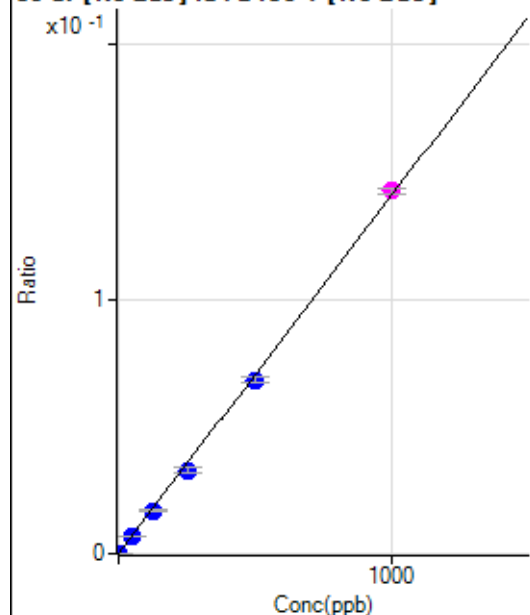
BEC = 2.741

Weight: <None>

Min Conc: <None>

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			407.79		P	17.3
2	☐			406.68		P	13.6
3	☐			374.45		P	2.6
4	☐			363.34		P	6.0
5	☐			447.79		P	5.7
6	☐			355.56		P	8.7
7	☐			424.45		P	5.1
8	☐			408.90		P	20.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	681.13	0.0001	P	5.5
2	☐	1.000	0.963	2090.17	0.0002	P	3.8
3	☐	50.000	48.381	72042.27	0.0069	P	2.7
4	☐	125.000	119.662	174885.30	0.0169	P	2.1
5	☐	250.000	230.835	352991.65	0.0325	P	6.8
6	☐	500.000	485.334	715298.68	0.0683	P	2.6
7	☐	1000.000	1012.872	1448150.67	0.1425	M	1.9
8	☐			22643.08	0.0019	P	3.4

$$y = 1.4065E-004 * x + 6.6283E-005$$

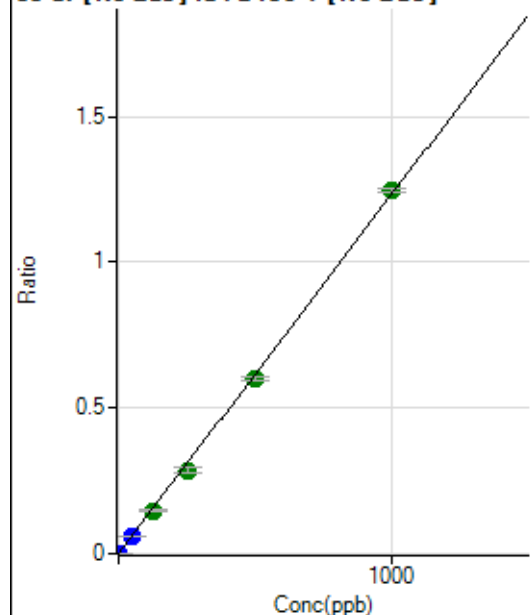
$$R = 0.9996$$

$$DL = 0.07718$$

$$BEC = 0.4713$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	95.56	0.0000	P	15.6
2	☐	1.000	0.942	12122.87	0.0012	P	2.2
3	☐	50.000	48.290	624131.62	0.0595	P	1.8
4	☐	125.000	119.690	1526748.99	0.1475	A	1.9
5	☐	250.000	232.903	3114463.18	0.2870	A	6.8
6	☐	500.000	489.331	6313315.81	0.6031	A	2.3
7	☐	1000.000	1010.358	12653549.95	1.2452	A	1.1
8	☐			193253.64	0.0159	P	3.5

$$y = 0.0012 * x + 9.2989E-006$$

$$R = 0.9998$$

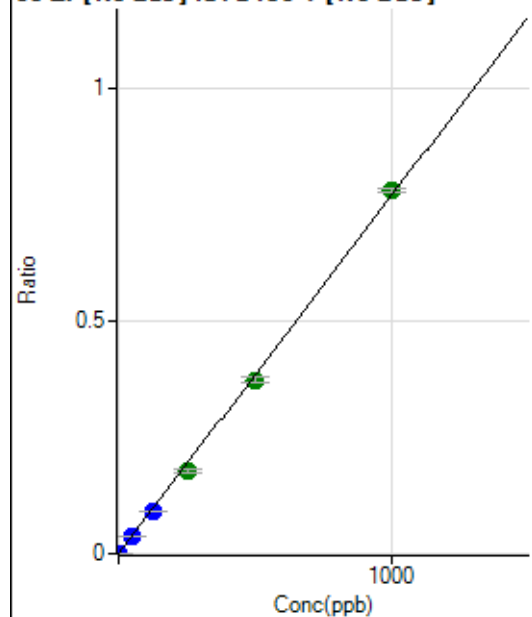
$$DL = 0.003537$$

$$BEC = 0.007545$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	366.67	0.0000	P	9.9
2	☐	1.000	0.971	8108.98	0.0008	P	2.3
3	☐	50.000	47.504	383296.63	0.0366	P	2.2
4	☐	125.000	119.435	950730.88	0.0919	P	1.1
5	☐	250.000	229.446	1915060.91	0.1764	A	5.5
6	☐	500.000	485.217	3905167.23	0.3731	A	3.6
7	☐	1000.000	1013.351	7916676.20	0.7791	A	1.1
8	☐			9770.00	0.0008	P	5.5

$$y = 7.6878\text{E-}004 * x + 3.5695\text{E-}005$$

$$R = 0.9996$$

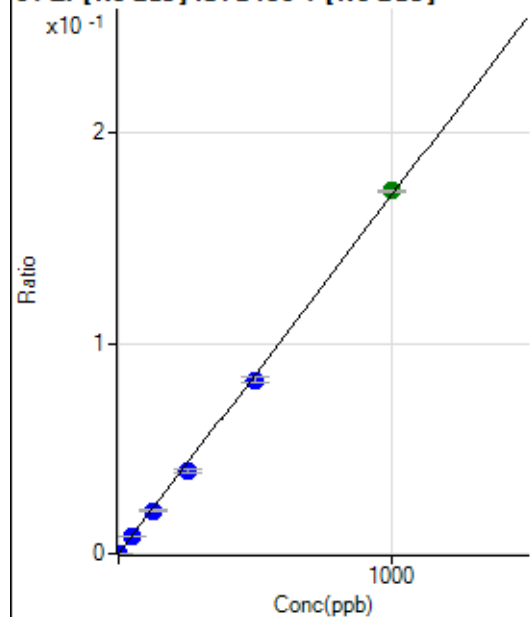
$$DL = 0.01383$$

$$BEC = 0.04643$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	71.11	0.0000	P	15.4
2	☐	1.000	0.979	1801.24	0.0002	P	3.1
3	☐	50.000	47.770	85409.40	0.0081	P	1.7
4	☐	125.000	119.905	211507.27	0.0204	P	1.7
5	☐	250.000	231.407	427888.67	0.0394	P	6.3
6	☐	500.000	485.537	866010.64	0.0827	P	2.6
7	☐	1000.000	1012.628	1753380.96	0.1725	A	0.8
8	☐			2176.85	0.0002	P	9.6

$$y = 1.7037\text{E-}004 * x + 6.9232\text{E-}006$$

$$R = 0.9997$$

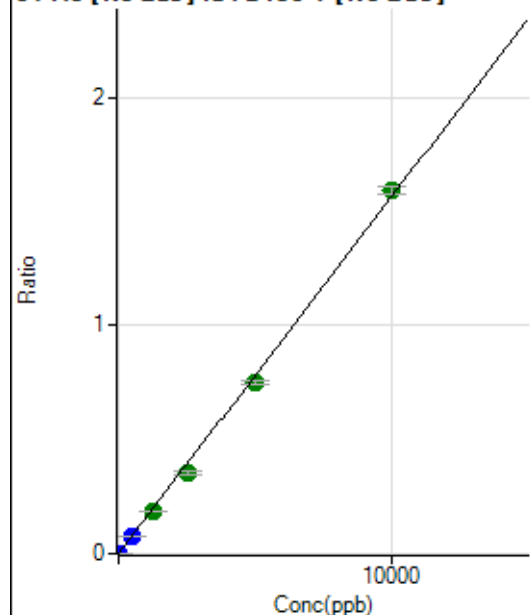
$$DL = 0.01877$$

$$BEC = 0.04064$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	218.89	0.0000	P	12.1
2	☐	5.000	5.780	9594.35	0.0009	P	1.8
3	☐	500.000	476.798	782737.21	0.0747	P	2.3
4	☐	1250.000	1191.491	1930460.53	0.1865	A	1.8
5	☐	2500.000	2279.594	3873249.80	0.3568	A	5.4
6	☐	5000.000	4791.780	7851838.49	0.7501	A	2.7
7	☐	10000.000	10167.685	16169601.98	1.5915	A	2.1
8	☐			10084.70	0.0008	P	9.0

$$y = 1.5653\text{E-}004 * x + 2.1309\text{E-}005$$

$$R = 0.9994$$

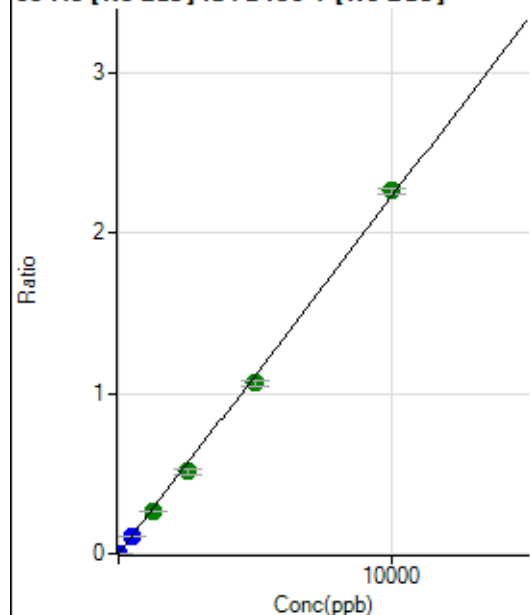
$$DL = 0.04948$$

$$BEC = 0.1361$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	137.78	0.0000	P	20.2
2	☐	5.000	4.991	11656.97	0.0011	P	1.9
3	☐	500.000	476.344	1112803.95	0.1061	P	2.3
4	☐	1250.000	1196.758	2759469.51	0.2666	A	1.6
5	☐	2500.000	2304.737	5571376.03	0.5135	A	6.6
6	☐	5000.000	4778.329	11143724.98	1.0645	A	2.6
7	☐	10000.000	10167.489	23015263.82	2.2651	A	1.6
8	☐			11046.53	0.0009	P	11.3

$$y = 2.2278\text{E-}004 * x + 1.3410\text{E-}005$$

$$R = 0.9994$$

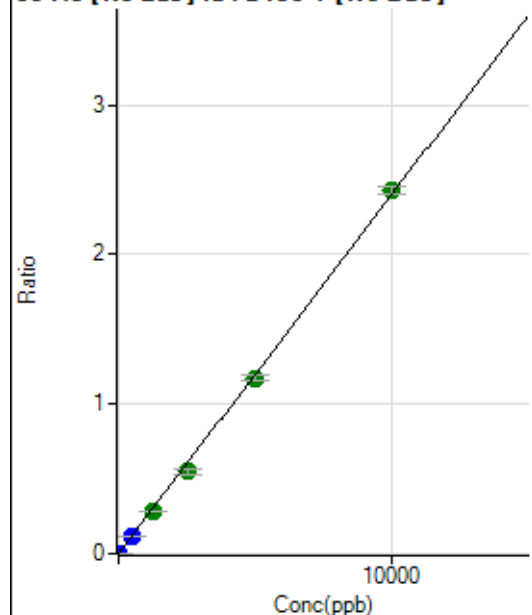
$$DL = 0.03647$$

$$BEC = 0.0602$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	182.23	0.0000	P	13.2
2	☐	5.000	5.048	12721.17	0.0012	P	2.3
3	☐	500.000	479.759	1206267.14	0.1150	P	2.3
4	☐	1250.000	1198.422	2974313.88	0.2874	A	0.9
5	☐	2500.000	2283.209	5940317.97	0.5474	A	6.6
6	☐	5000.000	4895.364	12286887.45	1.1737	A	3.0
7	☐	10000.000	10113.975	24638273.80	2.4250	A	2.1
8	☐			15380.49	0.0013	P	9.1

$$y = 2.3976E-004 * x + 1.7740E-005$$

$$R = 0.9997$$

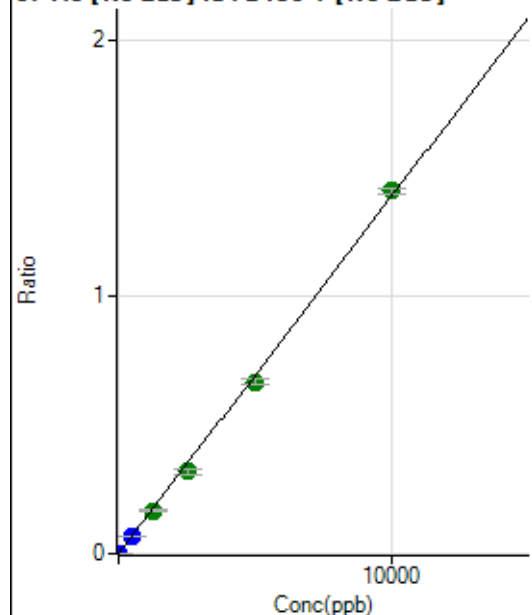
$$DL = 0.02939$$

$$BEC = 0.07399$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	112.22	0.0000	P	17.4
2	☐	5.000	4.962	7265.20	0.0007	P	1.8
3	☐	500.000	476.049	694577.72	0.0662	P	2.7
4	☐	1250.000	1196.950	1723612.27	0.1665	A	2.6
5	☐	2500.000	2295.974	3464906.89	0.3195	A	8.2
6	☐	5000.000	4804.674	6998071.21	0.6685	A	2.8
7	☐	10000.000	10156.499	14358388.12	1.4131	A	1.5
8	☐			7069.58	0.0006	P	13.9

$$y = 1.3913E-004 * x + 1.0922E-005$$

$$R = 0.9995$$

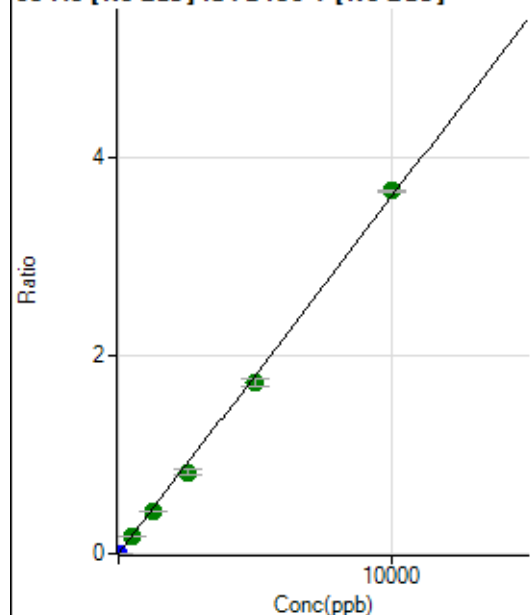
$$DL = 0.04103$$

$$BEC = 0.0785$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	235.56	0.0000	P	10.5
2	☐	5.000	4.938	18667.58	0.0018	P	2.2
3	☐	500.000	471.343	1780735.91	0.1698	A	2.4
4	☐	1250.000	1186.596	4424706.46	0.4275	A	1.9
5	☐	2500.000	2287.417	8940293.13	0.8241	A	7.5
6	☐	5000.000	4791.588	18070415.29	1.7263	A	3.6
7	☐	10000.000	10166.710	37220633.89	3.6628	A	0.7
8	☐			17851.17	0.0015	P	13.9

$$y = 3.6027E-004 * x + 2.2922E-005$$

$$R = 0.9994$$

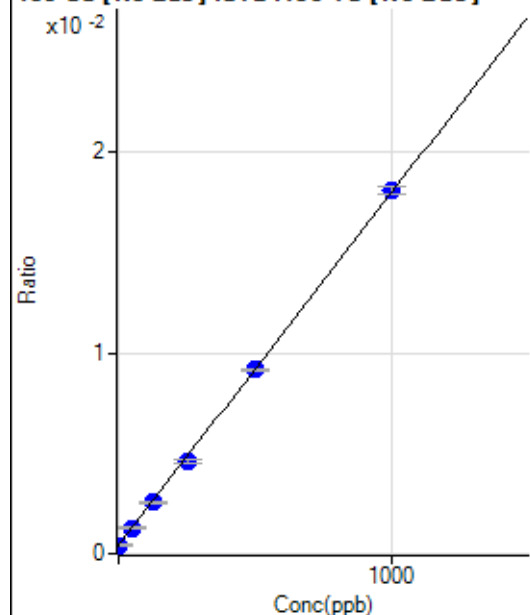
$$DL = 0.02003$$

$$BEC = 0.06362$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2957.00	0.0004	P	1.9
2	☐	1.000	0.366	3053.69	0.0004	P	0.4
3	☐	50.000	48.240	9247.48	0.0013	P	4.2
4	☐	125.000	121.777	18600.93	0.0026	P	4.7
5	☐	250.000	237.786	35168.30	0.0046	P	5.6
6	☐	500.000	497.164	67018.38	0.0091	P	1.2
7	☐	1000.000	1004.963	131920.98	0.0181	P	2.0
8	☐			3473.79	0.0004	P	1.2

$$y = 1.7544E-005 * x + 4.2420E-004$$

$$R = 0.9999$$

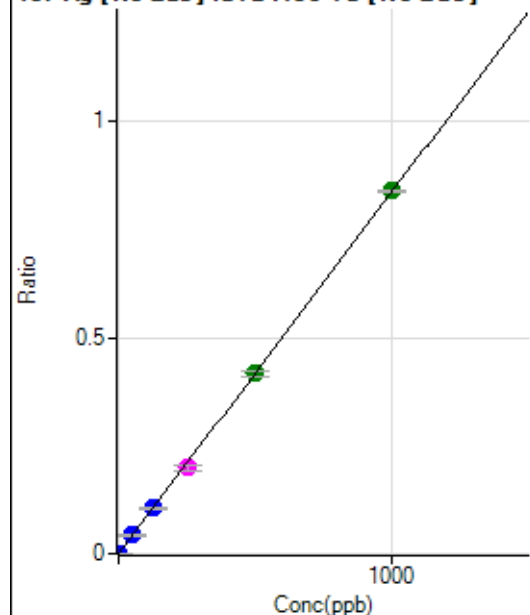
$$DL = 1.37$$

$$BEC = 24.18$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.55	0.0000	P	18.2
2	☐	1.000	1.108	6620.46	0.0009	P	2.1
3	☐	50.000	50.797	308919.61	0.0424	P	3.8
4	☐	125.000	126.215	765971.53	0.1054	P	3.6
5	☐	250.000	236.913	1514342.93	0.1979	M	5.6
6	☐	500.000	497.748	3046328.04	0.4158	A	3.4
7	☐	1000.000	1004.206	6128855.05	0.8388	A	0.8
8	☐			2342.44	0.0003	P	4.5

$$y = 8.3530E-004 * x + 7.9565E-006$$

$$R = 0.9999$$

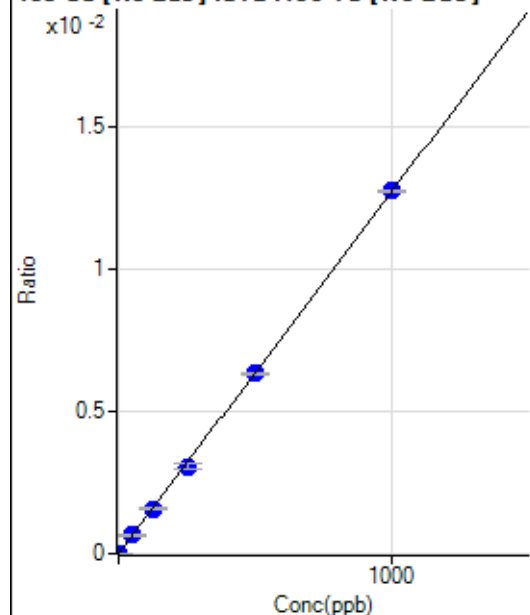
$$DL = 0.0052$$

$$BEC = 0.009525$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.00	0.0000	P	58.1
2	☐	1.000	1.009	101.11	0.0000	P	24.5
3	☐	50.000	50.748	4706.36	0.0006	P	3.9
4	☐	125.000	124.323	11493.54	0.0016	P	3.0
5	☐	250.000	241.536	23497.01	0.0031	P	7.1
6	☐	500.000	497.710	46372.07	0.0063	P	0.6
7	☐	1000.000	1003.308	93203.42	0.0128	P	0.7
8	☐			100.00	0.0000	P	6.4

$$y = 1.2713E-005 * x + 1.4386E-006$$

$$R = 1.0000$$

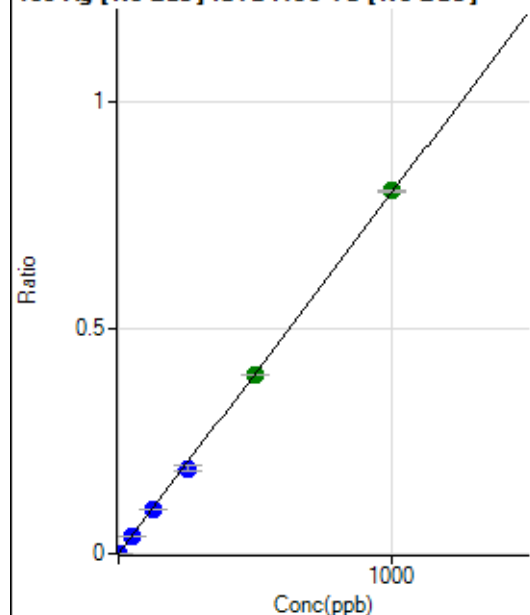
$$DL = 0.1973$$

$$BEC = 0.1132$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	37.78	0.0000	P	48.4
2	☐	1.000	1.099	6270.31	0.0009	P	2.1
3	☐	50.000	49.798	290006.42	0.0398	P	2.8
4	☐	125.000	123.163	715817.62	0.0985	P	2.9
5	☐	250.000	236.708	1448248.75	0.1893	P	7.1
6	☐	500.000	496.341	2909213.91	0.3970	A	0.5
7	☐	1000.000	1005.392	5876128.73	0.8042	A	0.2
8	☐			2243.54	0.0003	P	12.9

$$y = 7.9989\text{E-}004 * x + 5.4228\text{E-}006$$

$$R = 0.9999$$

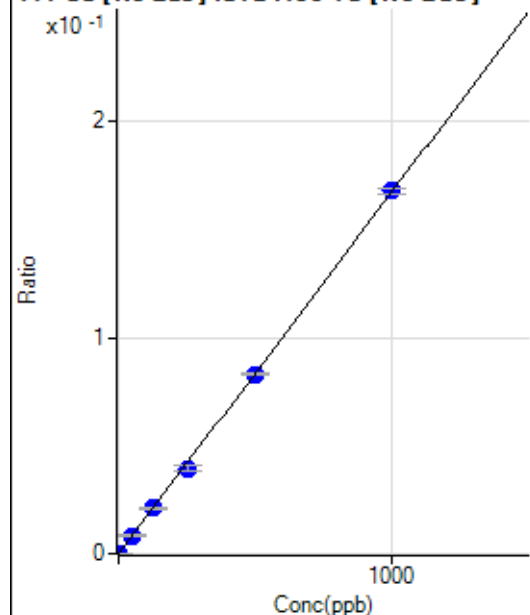
$$DL = 0.00985$$

$$BEC = 0.006779$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	303.15	0.0000	P	4.0
2	☐	1.000	0.918	1396.87	0.0002	P	7.0
3	☐	50.000	50.259	61491.01	0.0084	P	1.9
4	☐	125.000	125.031	152191.24	0.0209	P	2.7
5	☐	250.000	235.942	302020.98	0.0395	P	7.2
6	☐	500.000	497.128	609273.01	0.0832	P	1.4
7	☐	1000.000	1004.934	1227803.21	0.1680	P	1.4
8	☐			1006.29	0.0001	P	9.9

$$y = 1.6718\text{E-}004 * x + 4.3494\text{E-}005$$

$$R = 0.9999$$

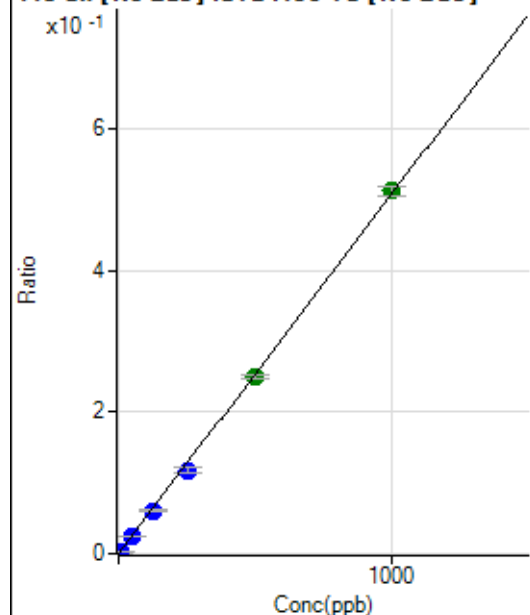
$$DL = 0.03154$$

$$BEC = 0.2602$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1203.40	0.0002	P	2.8
2	☐	5.000	4.975	19126.18	0.0027	P	1.0
3	☐	50.000	48.108	178953.17	0.0246	P	3.2
4	☐	125.000	119.786	442862.35	0.0610	P	3.0
5	☐	250.000	230.432	895617.46	0.1171	P	7.2
6	☐	500.000	492.338	1831808.32	0.2500	A	1.4
7	☐	1000.000	1009.469	3743537.27	0.5124	A	2.8
8	☐			3359.32	0.0004	P	9.6

$$y = 5.0741\text{E-}004 * x + 1.7263\text{E-}004$$

$$R = 0.9997$$

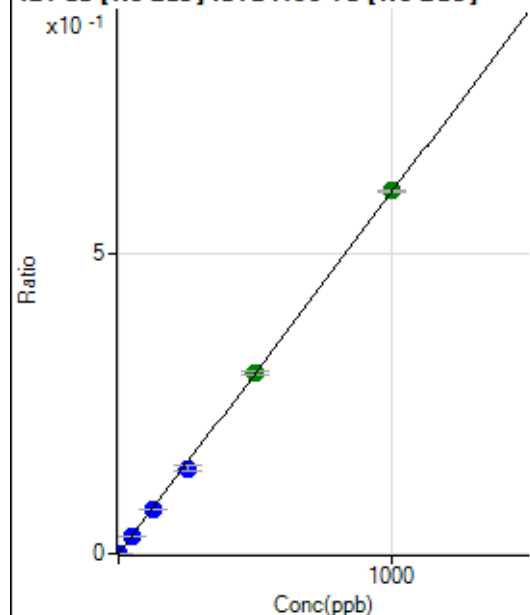
$$DL = 0.02819$$

$$BEC = 0.3402$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.11	0.0000	P	25.4
2	☐	2.000	2.019	8625.99	0.0012	P	2.7
3	☐	50.000	48.866	213766.86	0.0294	P	3.9
4	☐	125.000	121.833	531956.60	0.0732	P	2.7
5	☐	250.000	234.657	1078660.11	0.1410	P	6.8
6	☐	500.000	499.954	2201355.92	0.3004	A	1.3
7	☐	1000.000	1004.311	4409723.13	0.6035	A	0.5
8	☐			5459.99	0.0006	P	8.7

$$y = 6.0092\text{E-}004 * x + 3.0348\text{E-}006$$

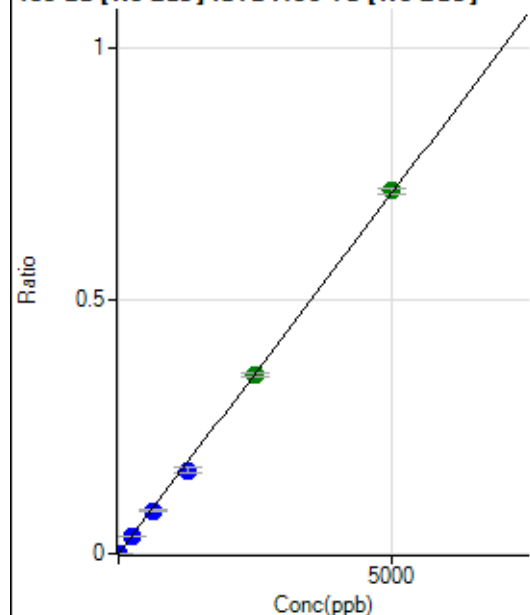
$$R = 0.9999$$

$$DL = 0.00385$$

$$BEC = 0.00505$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.11	0.0000	P	47.6
2	☐	10.000	9.820	9935.78	0.0014	P	2.3
3	☐	250.000	241.346	250190.18	0.0344	P	2.4
4	☐	625.000	594.798	615335.15	0.0847	P	2.8
5	☐	1250.000	1151.711	1254411.80	0.1640	P	6.7
6	☐	2500.000	2487.489	2595077.50	0.3542	A	2.1
7	☐	5000.000	5035.036	5238012.53	0.7169	A	1.5
8	☐			10252.66	0.0012	P	5.7

$$y = 1.4238\text{E-}004 * x + 3.0179\text{E-}006$$

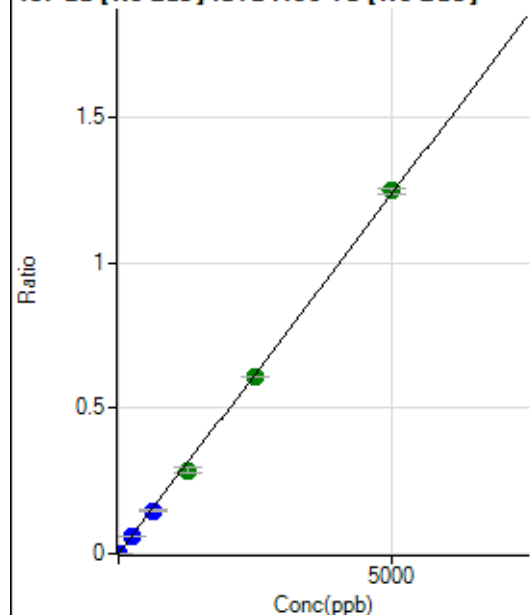
$$R = 0.9998$$

$$DL = 0.03029$$

$$BEC = 0.0212$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	48.89	0.0000	P	9.2
2	☐	10.000	9.921	17431.89	0.0025	P	3.0
3	☐	250.000	239.784	431340.68	0.0593	P	2.8
4	☐	625.000	595.427	1068985.94	0.1471	P	2.6
5	☐	1250.000	1151.993	2177336.93	0.2846	A	6.8
6	☐	2500.000	2461.071	4455686.98	0.6081	A	0.7
7	☐	5000.000	5048.174	9113207.50	1.2473	A	1.9
8	☐			17928.10	0.0021	P	3.5

$$y = 2.4708\text{E-}004 * x + 7.0069\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.007862$$

$$BEC = 0.02836$$

Weight: <None>

Min Conc: <None>

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			3.33		P	100.
3	☐			11.11		P	34.6
4	☐			41.11		P	16.9
5	☐			62.22		P	11.1
6	☐			130.00		P	11.2
7	☐			217.78		P	11.1
8	☐			122.22		P	6.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	100.
3	☐			6.67		P	50.0
4	☐			5.56		P	34.7
5	☐			14.44		P	70.5
6	☐			52.22		P	13.3
7	☐			81.11		P	25.1
8	☐			66.67		P	5.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			6.66		P	86.6
3	☐			10.00		P	57.8
4	☐			25.55		P	41.9
5	☐			50.00		P	26.7
6	☐			91.11		P	16.5
7	☐			124.45		P	8.2
8	☐			234.45		P	24.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	86.6
2	☐			4.44		P	173.
3	☐			31.11		P	12.4
4	☐			47.78		P	10.7
5	☐			108.89		P	20.4
6	☐			180.00		P	4.9
7	☐			338.89		P	6.2
8	☐			208.89		P	16.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			37.78		P	35.7
2	☐			42.22		P	9.1
3	☐			41.11		P	32.8
4	☐			52.22		P	54.3
5	☐			80.00		P	15.0
6	☐			74.45		P	30.5
7	☐			144.45		P	14.1
8	☐			348.90		P	12.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			344.45		P	11.0
2	☐			377.79		P	11.7
3	☐			372.23		P	6.5
4	☐			390.01		P	6.2
5	☐			363.34		P	27.6
6	☐			395.56		P	13.2
7	☐			412.23		P	8.5
8	☐			631.13		P	2.7

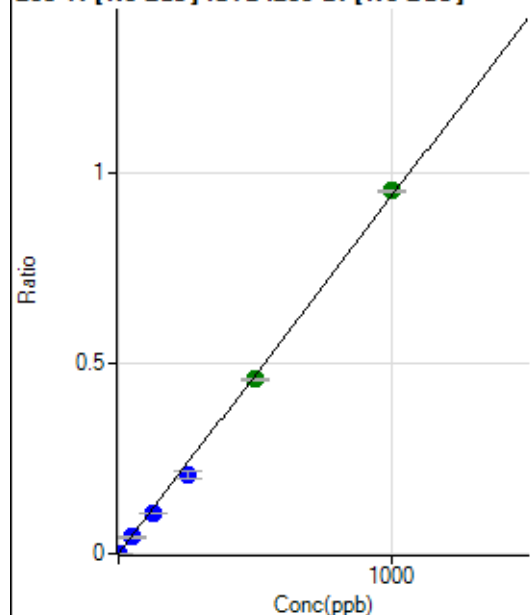
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32.22		P	21.5
2	☐			35.55		P	10.8
3	☐			41.11		P	24.8
4	☐			45.56		P	40.3
5	☐			86.67		P	10.2
6	☐			103.33		P	6.5
7	☐			203.34		P	20.9
8	☐			550.02		P	5.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	59.0
2	☐			24.44		P	51.6
3	☐			21.11		P	59.8
4	☐			45.56		P	25.7
5	☐			44.44		P	33.8
6	☐			92.22		P	26.6
7	☐			106.67		P	19.5
8	☐			394.46		P	5.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0000	P	16.1
2	☐	1.000	1.009	4464.11	0.0010	P	2.3
3	☐	50.000	46.437	203844.83	0.0436	P	3.2
4	☐	125.000	112.300	506499.34	0.1054	P	2.6
5	☐	250.000	220.734	1037700.52	0.2071	P	7.6
6	☐	500.000	487.374	2200012.19	0.4572	A	0.8
7	☐	1000.000	1015.395	4491236.43	0.9525	A	0.6
8	☐			5769.07	0.0011	P	5.9

$$y = 9.3801\text{E-}004 * x + 3.2952\text{E-}005$$

$$R = 0.9994$$

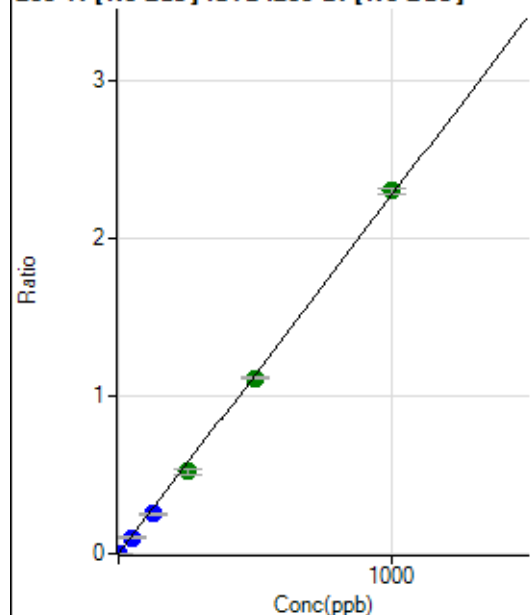
$$DL = 0.01701$$

$$BEC = 0.03513$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	260.00	0.0001	P	10.2
2	☐	1.000	0.991	10526.38	0.0023	P	1.5
3	☐	50.000	45.572	484596.03	0.1036	P	3.1
4	☐	125.000	111.280	1215911.10	0.2530	P	2.5
5	☐	250.000	228.095	2597775.39	0.5184	A	7.5
6	☐	500.000	489.719	5355602.01	1.1130	A	0.8
7	☐	1000.000	1012.553	10850072.69	2.3012	A	1.4
8	☐			13760.42	0.0026	P	5.3

$$y = 0.0023 * x + 5.7115\text{E-}005$$

$$R = 0.9996$$

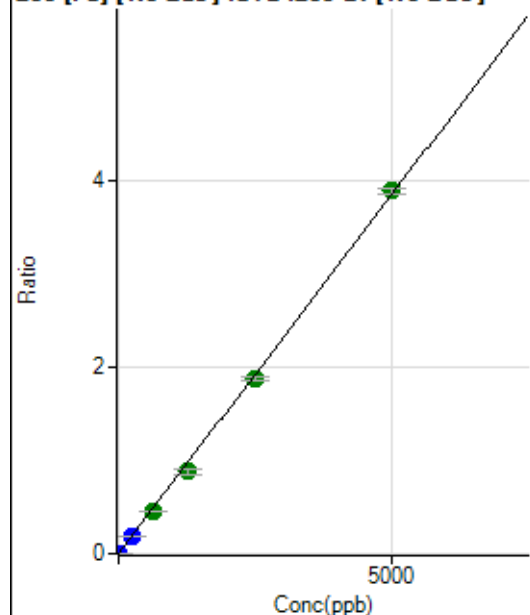
$$DL = 0.007665$$

$$BEC = 0.02513$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	282.23	0.0001	P	11.0
2	☐	1.000	0.883	3386.02	0.0007	P	7.5
3	☐	250.000	232.059	837161.09	0.1790	P	2.6
4	☐	625.000	592.580	2196710.21	0.4570	A	2.8
5	☐	1250.000	1147.841	4435758.20	0.8852	A	7.4
6	☐	2500.000	2448.322	9085733.06	1.8880	A	2.0
7	☐	5000.000	5056.329	18383447.51	3.8991	A	1.9
8	☐			8106.95	0.0015	P	10.6

$$y = 7.7112\text{E-}004 * x + 6.1981\text{E-}005$$

$$R = 0.9997$$

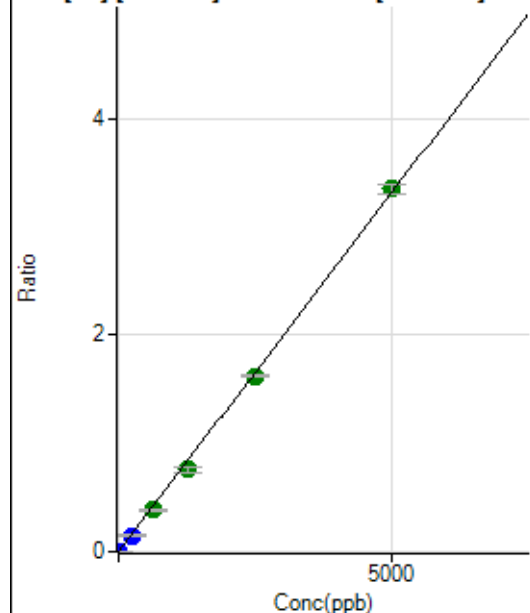
$$DL = 0.02648$$

$$BEC = 0.08038$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	253.34	0.0001	P	16.8
2	☐	1.000	0.816	2720.30	0.0006	P	2.1
3	☐	250.000	227.377	705054.28	0.1508	P	2.8
4	☐	625.000	582.238	1855064.42	0.3860	A	3.6
5	☐	1250.000	1144.578	3802871.64	0.7587	A	6.7
6	☐	2500.000	2450.275	7815168.63	1.6241	A	0.3
7	☐	5000.000	5057.694	15804999.21	3.3524	A	2.4
8	☐			6732.86	0.0013	P	10.0

$$y = 6.6281\text{E-}004 * x + 5.5645\text{E-}005$$

$$R = 0.9997$$

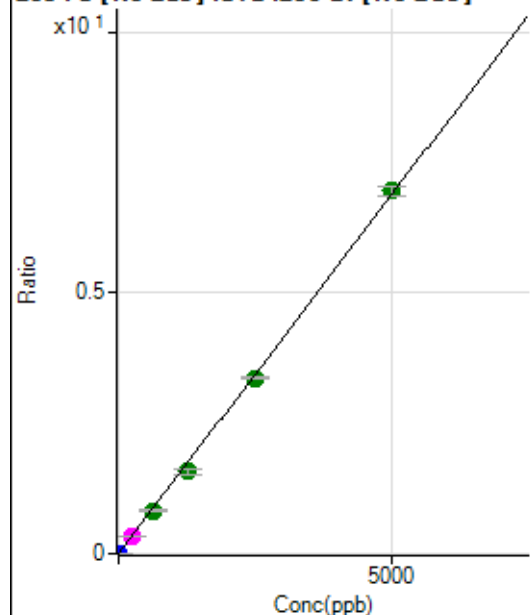
$$DL = 0.04229$$

$$BEC = 0.08395$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	492.24	0.0001	P	5.5
2	☐	1.000	0.875	5981.71	0.0013	P	4.0
3	☐	250.000	239.280	1539681.31	0.3293	M	5.3
4	☐	625.000	599.964	3969245.46	0.8256	A	1.1
5	☐	1250.000	1143.741	7884620.52	1.5738	A	8.3
6	☐	2500.000	2449.894	16220719.55	3.3710	A	0.2
7	☐	5000.000	5055.283	32794209.79	6.9558	A	2.9
8	☐			14559.15	0.0028	P	12.8

$$y = 0.0014 * x + 1.0811E-004$$

$$R = 0.9997$$

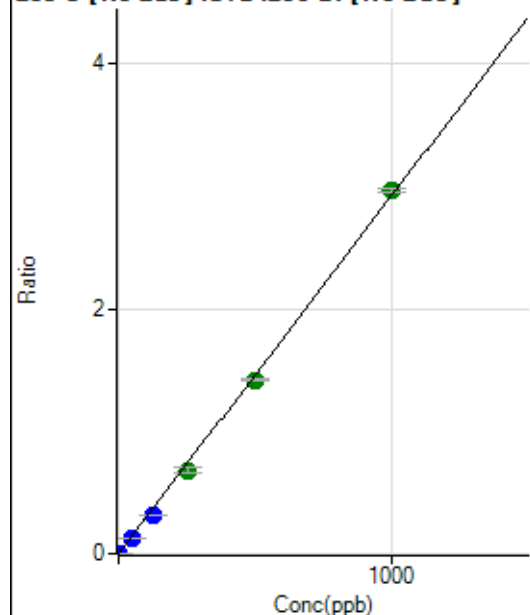
$$DL = 0.01308$$

$$BEC = 0.07858$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18.89	0.0000	P	37.0
2	☐	1.000	0.898	11970.00	0.0026	P	2.3
3	☐	50.000	44.142	602600.10	0.1289	P	3.1
4	☐	125.000	107.731	1511837.15	0.3145	P	2.4
5	☐	250.000	233.008	3408065.37	0.6802	A	7.9
6	☐	500.000	485.474	6819913.65	1.4172	A	1.5
7	☐	1000.000	1013.963	13957580.35	2.9600	A	1.1
8	☐			3147.10	0.0006	P	21.1

$$y = 0.0029 * x + 4.1513E-006$$

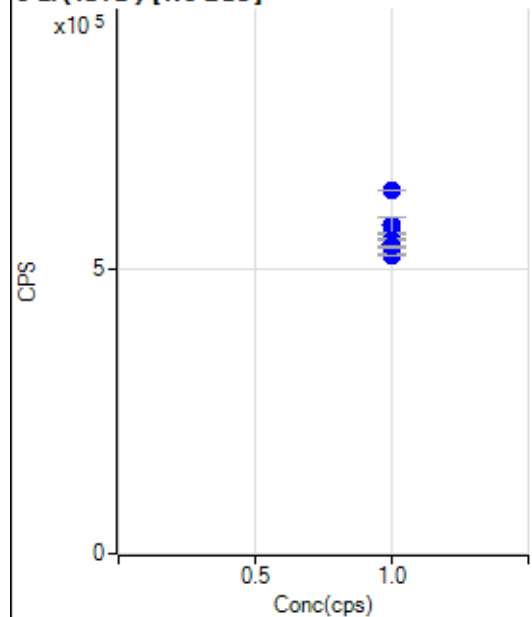
$$R = 0.9996$$

$$DL = 0.001578$$

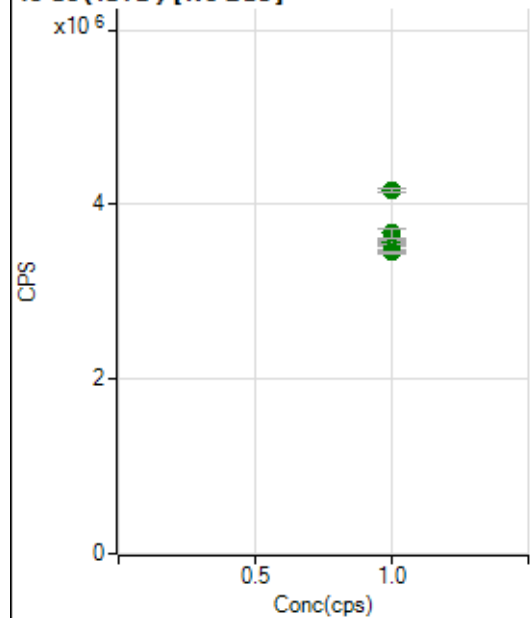
$$BEC = 0.001422$$

Weight: <None>

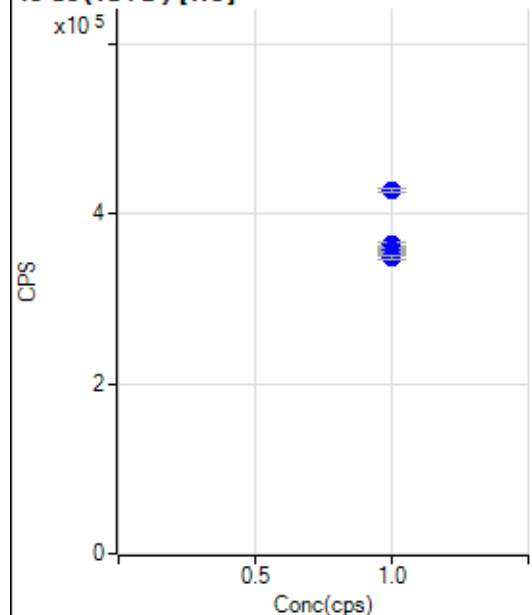
Min Conc: <None>

6 Li (ISTD) [No Gas]

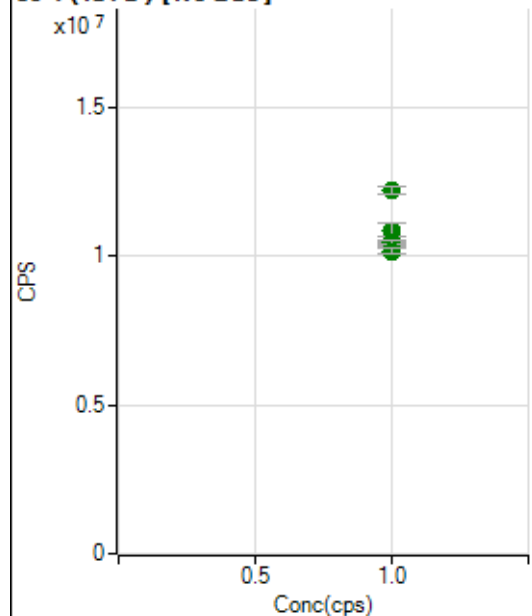
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		523282.94		P	1.1
2	☐	1.000		524604.97		P	0.6
3	☐	1.000		543394.38		P	2.3
4	☐	1.000		560455.76		P	0.7
5	☐	1.000		574707.44		P	4.9
6	☐	1.000		550155.43		P	0.6
7	☐	1.000		537464.74		P	0.8
8	☐	1.000		635541.39		P	0.1

45 Sc (ISTD) [No Gas]

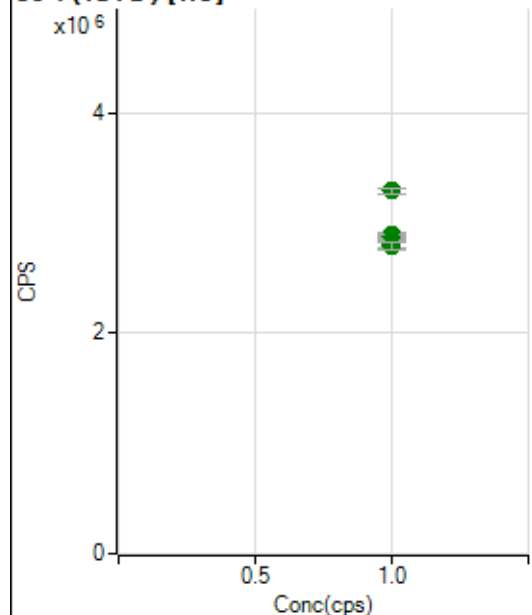
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3524492.90		A	2.9
2	☐	1.000		3555748.77		A	0.9
3	☐	1.000		3561765.50		A	1.9
4	☐	1.000		3565142.83		A	1.2
5	☐	1.000		3670855.15		A	3.3
6	☐	1.000		3458874.71		A	1.2
7	☐	1.000		3446855.30		A	0.4
8	☐	1.000		4154548.31		A	1.1

45 Sc (ISTD) [He]

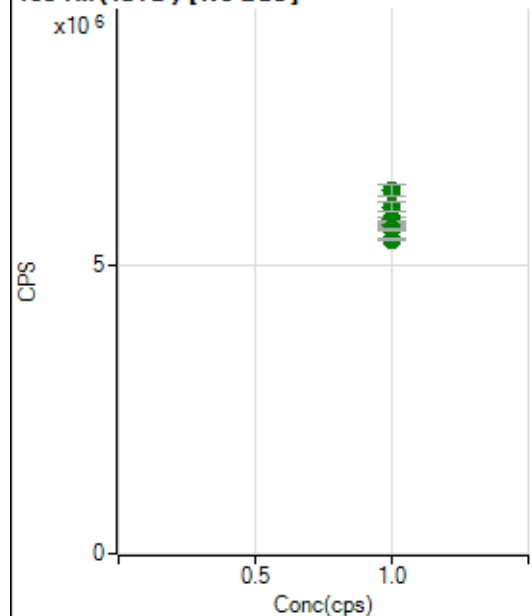
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		362312.25		P	0.1
2	☐	1.000		363294.83		P	1.3
3	☐	1.000		364097.19		P	0.7
4	☐	1.000		355581.87		P	0.7
5	☐	1.000		357243.26		P	1.0
6	☐	1.000		353494.06		P	0.6
7	☐	1.000		348337.75		P	0.9
8	☐	1.000		426802.52		P	1.2

89 Y (ISTD) [No Gas]

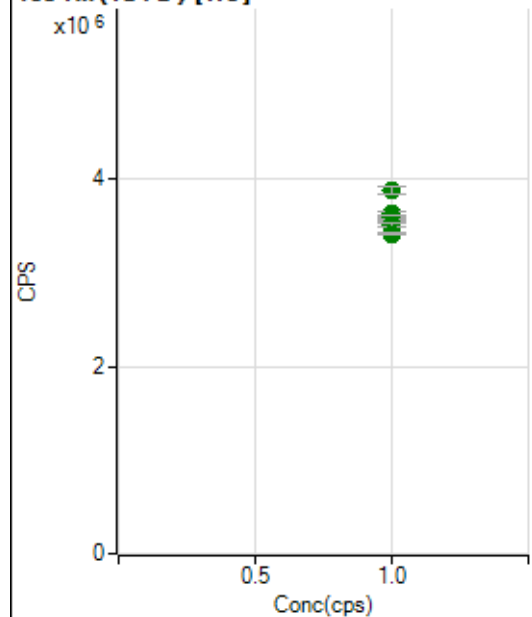
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10274694.02		A	0.4
2	☐	1.000		10361730.33		A	1.5
3	☐	1.000		10486842.83		A	1.0
4	☐	1.000		10350791.79		A	1.0
5	☐	1.000		10869146.51		A	3.8
6	☐	1.000		10470486.44		A	1.1
7	☐	1.000		10162786.31		A	2.1
8	☐	1.000		12178984.82		A	2.3

89 Y (ISTD) [He]

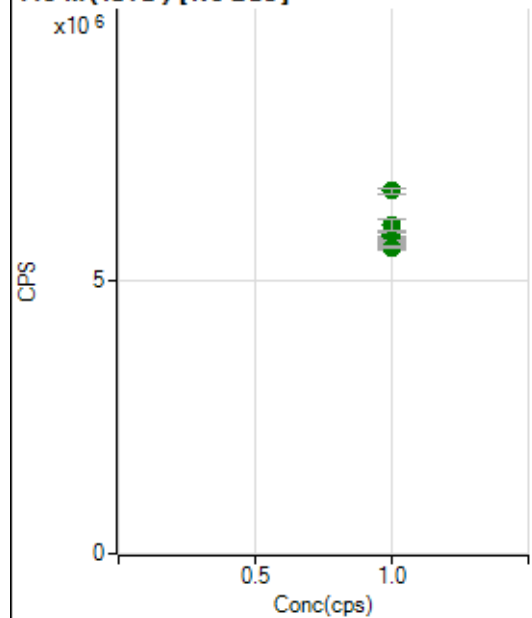
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2862495.34		A	1.3
2	☐	1.000		2893327.84		A	0.8
3	☐	1.000		2874906.55		A	1.1
4	☐	1.000		2840802.77		A	0.3
5	☐	1.000		2802074.61		A	2.1
6	☐	1.000		2828755.65		A	0.8
7	☐	1.000		2794211.62		A	2.4
8	☐	1.000		3288814.33		A	1.6

103 Rh (ISTD) [No Gas]

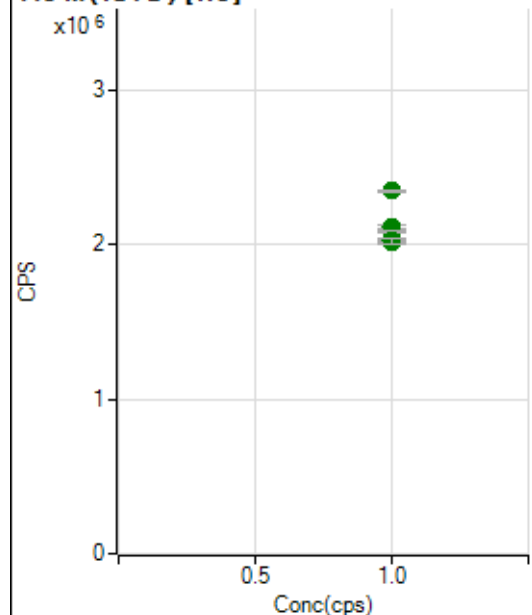
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5707154.50		A	0.8
2	☐	1.000		5708914.78		A	0.9
3	☐	1.000		5807079.08		A	1.0
4	☐	1.000		5772521.30		A	0.5
5	☐	1.000		6025420.81		A	2.6
6	☐	1.000		5643536.30		A	0.6
7	☐	1.000		5451225.54		A	0.5
8	☐	1.000		6305245.95		A	3.3

103 Rh (ISTD) [He]

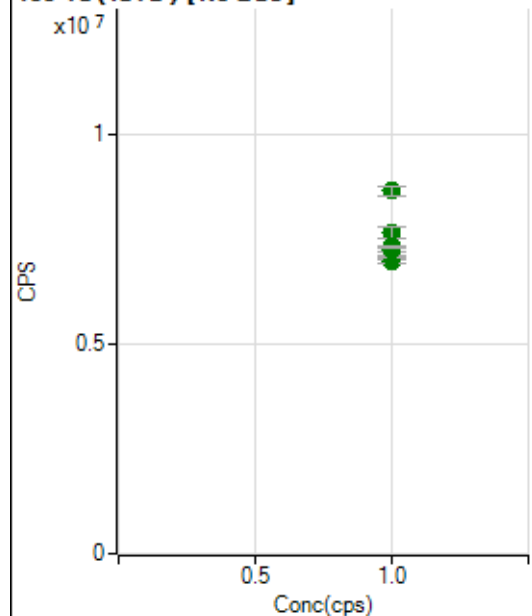
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3628686.13		A	2.0
2	☐	1.000		3583905.40		A	1.6
3	☐	1.000		3599859.63		A	2.8
4	☐	1.000		3548306.54		A	0.6
5	☐	1.000		3602035.26		A	1.1
6	☐	1.000		3509228.04		A	1.4
7	☐	1.000		3417356.58		A	0.9
8	☐	1.000		3876123.21		A	2.0

115 In (ISTD) [No Gas]

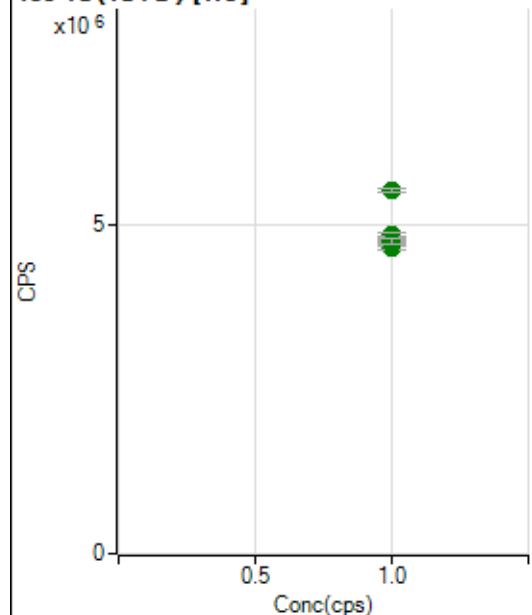
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5617143.23		A	1.9
2	☐	1.000		5763377.05		A	1.5
3	☐	1.000		5835881.94		A	1.8
4	☐	1.000		5828544.62		A	1.6
5	☐	1.000		6029749.42		A	4.0
6	☐	1.000		5735988.22		A	0.9
7	☐	1.000		5608821.82		A	0.5
8	☐	1.000		6651259.03		A	1.7

115 In (ISTD) [He]

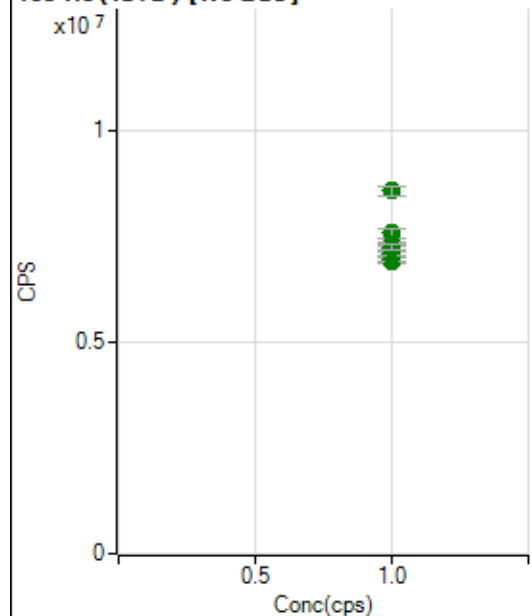
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2109431.21		A	1.3
2	☐	1.000		2072017.20		A	0.3
3	☐	1.000		2109015.65		A	1.5
4	☐	1.000		2095247.18		A	0.2
5	☐	1.000		2083921.07		A	0.8
6	☐	1.000		2018188.72		A	0.7
7	☐	1.000		2021323.55		A	1.7
8	☐	1.000		2343780.08		A	0.4

159 Tb (ISTD) [No Gas]

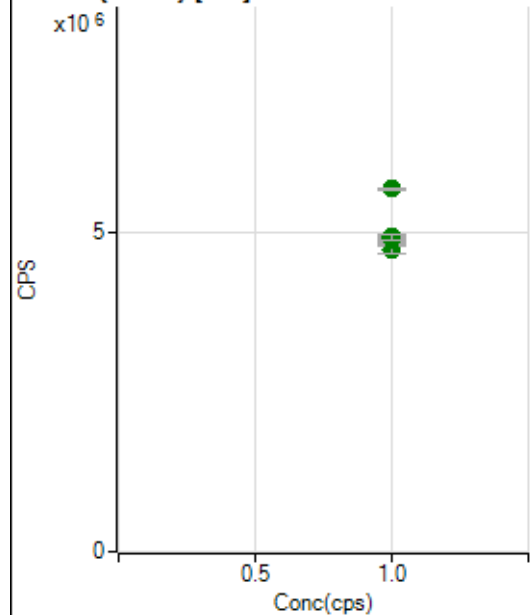
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6971655.94		A	1.2
2	☐	1.000		7091146.42		A	0.3
3	☐	1.000		7282333.85		A	2.0
4	☐	1.000		7267956.97		A	1.8
5	☐	1.000		7662668.29		A	3.8
6	☐	1.000		7327392.46		A	0.7
7	☐	1.000		7306743.92		A	0.6
8	☐	1.000		8666830.91		A	2.4

159 Tb (ISTD) [He]

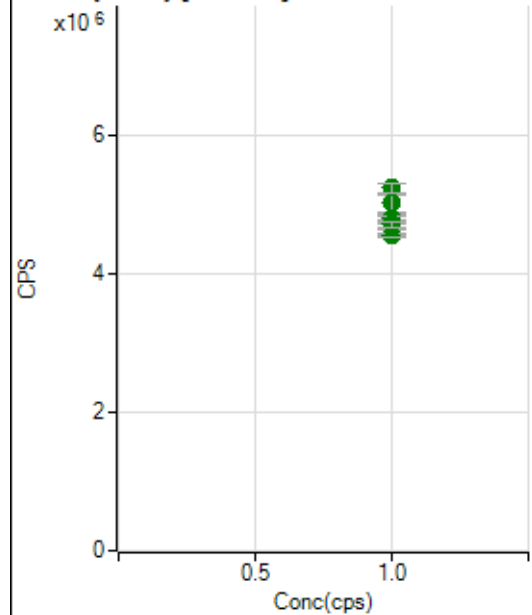
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4745673.89		A	1.2
2	☐	1.000		4662810.97		A	1.2
3	☐	1.000		4724562.26		A	0.7
4	☐	1.000		4762704.55		A	1.3
5	☐	1.000		4805096.84		A	3.3
6	☐	1.000		4861665.69		A	1.3
7	☐	1.000		4750900.17		A	1.6
8	☐	1.000		5522803.74		A	1.2

165 Ho (ISTD) [No Gas]

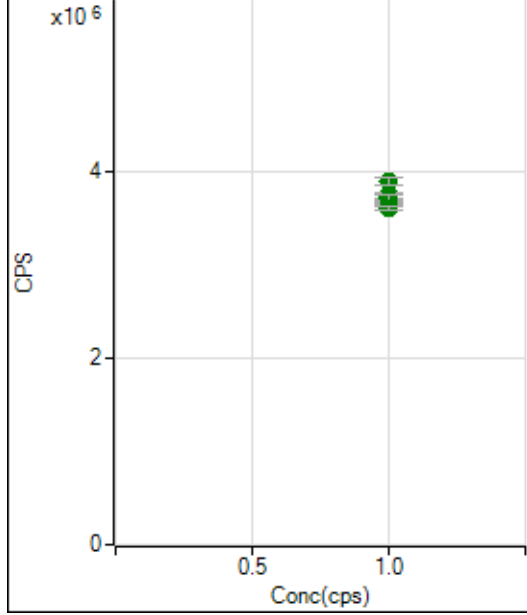
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6915808.44		A	0.8
2	☐	1.000		6963466.01		A	1.7
3	☐	1.000		7060579.27		A	0.4
4	☐	1.000		7106870.52		A	0.8
5	☐	1.000		7590695.86		A	2.8
6	☐	1.000		7337138.92		A	1.1
7	☐	1.000		7258967.95		A	1.6
8	☐	1.000		8593390.71		A	2.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4821731.67		A	0.6
2	☐	1.000		4719611.11		A	2.7
3	☐	1.000		4880432.91		A	0.9
4	☐	1.000		4932068.23		A	0.9
5	☐	1.000		4879575.10		A	2.4
6	☐	1.000		4942622.81		A	1.4
7	☐	1.000		4917758.30		A	1.8
8	☐	1.000		5682553.18		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4552812.26		A	0.2
2	☐	1.000		4559555.35		A	0.9
3	☐	1.000		4677920.07		A	1.8
4	☐	1.000		4808439.06		A	2.2
5	☐	1.000		5024058.36		A	5.2
6	☐	1.000		4811845.34		A	0.9
7	☐	1.000		4715534.27		A	1.4
8	☐	1.000		5248078.74		A	2.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3670862.13		A	0.9
2	☐	1.000		3628308.49		A	0.5
3	☐	1.000		3753645.29		A	0.7
4	☐	1.000		3730030.60		A	1.5
5	☐	1.000		3695010.98		A	0.7
6	☐	1.000		3694684.91		A	2.7
7	☐	1.000		3601093.42		A	1.6
8	☐	1.000		3882929.46		A	2.0