



**NORTH DAKOTA OFFICE OF ATTORNEY GENERAL  
CRIME LABORATORY DIVISION**

**INTOXILYZER® 8000 CALIBRATION ADJUSTMENT**

Intoxilyzer® 8000 Serial Number: 80-00 7086 Calibration Adjustment Location: TOXL

**A. Pre-Adjustment**

Replaced Simulator Return O-Ring Yes or No

**B. Calibration Adjustment (Level 3,M,C,O)**

1. ☒ Autocalibration Printout Attached
  - ☒ Max Power Res Value  $\geq 10$
  - ☒ Auto Range Res Value  $\geq 4$
2. Simulator Solutions for Calibration Adjustment

Soln.	g/210 L	Lot No.	Exp. Date	Simulator SN
1	0.000	NA-Milli-Q H <sub>2</sub> O	NA-Milli-Q H <sub>2</sub> O	MP3003
2	0.040	202410D	10/22/2026	MP6038
3	0.080	202501A	11/15/2027	MP3057
4	0.100	202408F	08/28/2026	MP5319
5	0.300	202402C	02/14/26	MP6035

**3. 0.080 AC Calibration Gas for H<sub>2</sub>O Adjustment**

Lot No. 14323080A4 Cyl No. 42 Exp. Date: 6/5/25

**4. Atmospheric Pressure**

Displayed by Intoxilyzer® 8000 958 mbar  
Adjusted to using barometer 958 mbar  
Auto Calibration Report printout 958 mbar  
Barometer Model 10510-922  
Barometer Serial Number 250063738  
Barometer Calibration Expiration Date 04Feb2027

**5. ☒ Screen displayed "Calibration Success"**

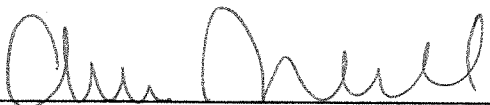
**6. ☒ Calibration Adjustment Printout Attached**

- ☒ Solution 1 Avg % Abs  $\leq 0.2500$
- ☒ Solution 2-5 REL STD DEV  $\leq 3.000$
- ☒ Residual (g/210 L) values for solutions 1 - 5  $\leq 0.0020$  for 3  $\mu$ m and 9  $\mu$ m channels

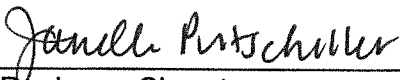
☒ Dry Gas H<sub>2</sub>O adjustment sum for 3 µm and 9 µm channels within ± 10  
3 µm 2973 (Ave.) + 836 (H<sub>2</sub>O Adj.) = 3809  
9 µm 3414 (Ave.) + 395 (H<sub>2</sub>O Adj.) = 3809

C. Is an Annual Inspection due for this instrument? Yes or No  
If Yes, complete Intoxilyzer 8000 Annual Inspection (Document ID: 11698)  
If No, complete Intoxilyzer 8000 Calibration (Document ID: 11871).

Remarks/Notes: NIA  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

  
Breath Alcohol Analyst Signature

04 June 2025  
Date

  
Reviewer Signature

05 June 2025  
Date

T0XL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007086  
06/04/2025 10:42:51

Auto Calibration  
Max Power Res Value = 78  
Auto Range Res Value = 57

*Ann Muel*  
04 June 2025

TOXL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007086  
06/04/2025 10:42:51

Auto Calibration

pg 1 of 2

<<<<< 3um >>>>>			<<<<< 9um >>>>>		
-----					
Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.2190	(0.0040)	0.2010	(-0.0040)	
Sample #2	0.1860	(0.0650)	0.1800	(0.0090)	
Sample #3	0.1830	(0.0870)	0.1600	(0.0260)	
Sample #4	0.2140	(0.1010)	0.1840	(0.0200)	
Avg % Abs	0.1943	(0.0843)	0.1747	(0.0183)	
STD DEV	0.0171	(0.0181)	0.0129	(0.0086)	
REL STD DEV	8.798	(21.519)	7.362	(47.027)	
-----					
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.9880	(-0.0230)	1.5680	(-0.0120)	
Sample #2	0.9880	(0.0060)	1.5560	(0.0000)	
Sample #3	0.9500	(0.0310)	1.5420	(0.0060)	
Sample #4	0.9630	(0.0340)	1.5530	(0.0030)	
Avg % Abs	0.9670	(0.0237)	1.5503	(0.0030)	
STD DEV	0.0193	(0.0154)	0.0074	(0.0030)	
REL STD DEV	1.997	(64.957)	0.475	(100.000)	
-----					
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.7240	(0.0000)	2.9200	(-0.0050)	
Sample #2	1.7130	(0.0360)	2.9170	(0.0060)	
Sample #3	1.7320	(0.0310)	2.9090	(0.0140)	
Sample #4	1.7460	(0.0330)	2.9160	(0.0140)	
Avg % Abs	1.7303	(0.0333)	2.9140	(0.0113)	
STD DEV	0.0166	(0.0025)	0.0044	(0.0046)	
REL STD DEV	0.957	(7.550)	0.150	(40.754)	
-----					
Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	2.1550	(0.0000)	3.6210	(0.0010)	
Sample #2	2.1370	(0.0180)	3.6290	(0.0080)	
Sample #3	2.1210	(0.0340)	3.6180	(0.0120)	
Sample #4	2.1510	(0.0220)	3.6230	(0.0140)	
Avg % Abs	2.1363	(0.0247)	3.6233	(0.0113)	
STD DEV	0.0150	(0.0083)	0.0055	(0.0031)	
REL STD DEV	0.703	(33.757)	0.152	(26.956)	
-----					
Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	5.8090	(-0.0120)	9.9050	(-0.0070)	
Sample #2	5.7770	(0.0360)	9.8820	(0.0450)	
Sample #3	5.7660	(0.0470)	9.8970	(0.0450)	
Sample #4	5.8090	(0.0330)	9.9060	(0.0360)	
Avg % Abs	5.7840	(0.0387)	9.8950	(0.0420)	
STD DEV	0.0223	(0.0074)	0.0121	(0.0052)	
REL STD DEV	0.386	(19.063)	0.123	(12.372)	
-----					

*Alcohol*  
04 June 2025

TOXL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007086  
06/04/2025 10:42:51

Auto Calibration

pg 2 of 2

<<<< 3um >>>>			<<<< 9um >>>>		
-----			-----		
Zero Order Coef	-457.35			-219.42	
First Order Coef	2405.79			1336.31	
Second Order Coef	24.70			13.07	
-----			-----		
Act	Fit	Residual	Act	Fit	Residual
(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)
0.000	0.000	-0.0002	0.000	0.000	-0.0003
0.040	0.040	0.0003	0.040	0.040	0.0004
0.080	0.079	0.0006	0.080	0.079	0.0005
0.100	0.101	-0.0007	0.100	0.101	-0.0007
0.300	0.300	0.0000	0.300	0.300	0.0001
-----			-----		

<<<< 3um >>>>		<<<< 9um >>>>	
-----		-----	
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1			
Sample			
Sample #1	3015.00		3428.00
Sample #2	2997.00		3427.00
Sample #3	2899.00		3390.00
Sample #4	3024.00		3425.00
Avg	2973.3333		3414.0000
STD DEV	65.7749		20.8087
REL STD DEV	2.212		0.610
H2O adjust (mg/l*10k)	836		395

Atmospheric Pressure = 958

\*\*\*\*\*CALIBRATION SUCCESSFUL\*\*\*\*\*

*Am Muel*  
04 June 2025