

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

**INTOXILYZER® 8000 CALIBRATION ADJUSTMENT**

Intoxilyzer® 8000 Serial Number: 80-00 10667 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	MP3066
2	0.040	202410D	22 Oct 2026	MP3071
3	0.080	202501A	15 Jan 27	MP3061
4	0.100	202408F	28 Aug 26	MP3062
5	0.300	202408H	29 Aug 28	MP3058

3. 0.080 AC Calibration Gas for H<sub>2</sub>O Adjustment  
Lot No. 25024080A38 Cyl No. 1 Exp. Date: 10/5/26

4. Atmospheric Pressure

Displayed by Intoxilyzer® 8000 916 mbar  
 Adjusted to using barometer 947 mbar  
 Auto Calibration Report printout 946 mbar  
 Barometer Model 10510-922  
 Barometer Serial Number 250063741  
 Barometer Calibration Expiration Date 04 Feb 2027

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 3473 (Ave.) + 336 (H<sub>2</sub>O Adj.) = 3809

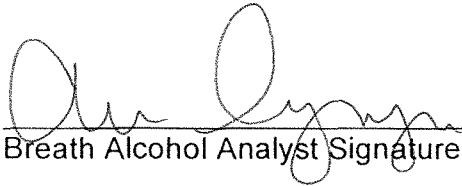
9 μm 3456 (Ave.) + 354 (H<sub>2</sub>O Adj.) = 3809

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: Completed during the Annual Inspection.

  
Breath Alcohol Analyst Signature

15 May 2026  
Date

  
Reviewer Signature

18 May 2026  
Date

TOXL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006667  
05/15/2026 09:07:09

Auto Calibration  
Max Power Res Value = 50  
Auto Range Res Value = 28

*aei*  
*15 May 2020*

TOXL  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-006667  
 05/15/2026 09:07:09

Auto Calibration

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	<<<<< 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	0.0870	(0.0020)	0.2050	(0.0060)
Sample #2	0.0800	(0.0470)	0.1920	(0.0260)
Sample #3	0.0800	(0.0620)	0.1910	(0.0220)
Sample #4	0.1140	(0.0680)	0.2120	(0.0080)
Avg % Abs	0.0913	(0.0590)	0.1983	(0.0187)
STD DEV	0.0196	(0.0108)	0.0118	(0.0095)
REL STD DEV	21.493	(18.333)	5.973	(50.634)
-----				
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8120	(-0.0100)	1.6080	(-0.0130)
Sample #2	0.7650	(0.0210)	1.6240	(-0.0140)
Sample #3	0.8010	(0.0110)	1.6470	(-0.0050)
Sample #4	0.7890	(0.0310)	1.6310	(0.0000)
Avg % Abs	0.7850	(0.0210)	1.6340	(-0.0063)
STD DEV	0.0183	(0.0100)	0.0118	(0.0071)
REL STD DEV	2.335	(47.619)	0.722	(112.020)
-----				
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.4260	(-0.0200)	2.8930	(0.0000)
Sample #2	1.4380	(-0.0030)	2.9390	(-0.0070)
Sample #3	1.4320	(0.0000)	2.9320	(0.0000)
Sample #4	1.4140	(0.0000)	2.9010	(0.0070)
Avg % Abs	1.4280	(-0.0010)	2.9240	(0.0000)
STD DEV	0.0125	(0.0017)	0.0202	(0.0070)
REL STD DEV	0.875	(173.205)	0.692	(0.000)
-----				
Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.7800	(0.0070)	3.5870	(-0.0130)
Sample #2	1.7550	(0.0420)	3.6300	(-0.0170)
Sample #3	1.8010	(0.0260)	3.6250	(-0.0250)
Sample #4	1.7770	(0.0420)	3.6320	(-0.0190)
Avg % Abs	1.7777	(0.0367)	3.6290	(-0.0203)
STD DEV	0.0230	(0.0092)	0.0036	(0.0042)
REL STD DEV	1.294	(25.193)	0.099	(20.475)
-----				
Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.0040	(-0.0120)	9.8800	(-0.0020)
Sample #2	4.9790	(0.0430)	9.9500	(0.0220)
Sample #3	4.9820	(0.0370)	9.9520	(0.0090)
Sample #4	5.0230	(0.0150)	9.9450	(0.0110)
Avg % Abs	4.9947	(0.0317)	9.9490	(0.0140)
STD DEV	0.0246	(0.0147)	0.0036	(0.0070)
REL STD DEV	0.492	(46.554)	0.036	(50.000)
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*AEI*  
 15 May 2026

TOXL  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-006667  
 05/15/2026 09:07:09

Auto Calibration

pg 2 of 2

<<<<< 3um >>>>>  
 -----  
 Zero Order Coef -267.94  
 First Order Coef 2794.87  
 Second Order Coef 23.83  
 -----

<<<<< 9um >>>>>  
 -----  
 Zero Order Coef -287.24  
 First Order Coef 1353.70  
 Second Order Coef 11.17  
 -----

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0003
0.040	0.041	-0.0008
0.080	0.079	0.0008
0.100	0.100	-0.0003
0.300	0.300	-0.0000

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0004
0.040	0.041	-0.0010
0.080	0.079	0.0009
0.100	0.100	-0.0002
0.300	0.300	-0.0000

<<<<< 3um >>>>>

<<<<< 9um >>>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1

Sample	3um	9um
Sample #1	3527.00	3457.00
Sample #2	3363.00	3418.00
Sample #3	3535.00	3470.00
Sample #4	3521.00	3478.00
Avg	3473.0000	3455.3333
STD DEV	95.5196	32.5781
REL STD DEV	2.750	0.943
H2O adjust (mg/l*10k)	336	354

Atmospheric Pressure = 946

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

*AEI*  
*15 May 2026*