



NORTH DAKOTA OFFICE OF ATTORNEY GENERAL  
CRIME LABORATORY DIVISION

INTOXILYZER® 8000 CALIBRATION ADJUSTMENT

Intoxilyzer® 8000 Serial Number: 80-00 4206 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	<sup>as of 9/10/24</sup> <del>202401</del> 2024100	22 Oct 26	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. 20-4437 Cyl No. 114 Exp. Date: 11/29/28

4. Atmospheric Pressure

Displayed by Intoxilyzer® 8000 949 mbar  
 Adjusted to using barometer 944 mbar  
 Auto Calibration Report printout 941 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 3344 (Ave.) + 465 (H<sub>2</sub>O Adj.) = 3809

9 μm 3204 (Ave.) + 605 (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)

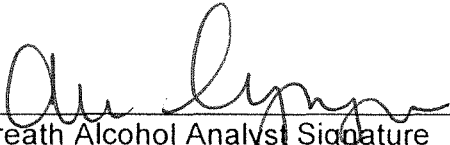
If No, complete Intoxilyzer 8000 Calibration (Document ID: 11871).

Remarks/Notes: NIA

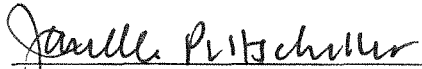
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Breath Alcohol Analyst Signature

10 June 2026  
Date

  
Reviewer Signature

10 June 2026  
Date

TOXL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-004206  
06/10/2026 07:45:09

Auto Calibration  
Max Power Res Value = 24  
Auto Range Res Value = 7

*AEI  
6/10/26*

TOXL  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-004206  
 06/10/2026 07:45:09

Auto Calibration

<<<<< 3um >>>>>			<<<<< 9um >>>>>		
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Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.0850	(0.0180)	0.1860	(0.0040)	
Sample #2	0.0700	(0.0810)	0.1770	(0.0370)	
Sample #3	0.0530	(0.1300)	0.1810	(0.0310)	
Sample #4	0.0670	(0.1450)	0.2040	(0.0430)	
Avg % Abs	0.0633	(0.1187)	0.1873	(0.0370)	
STD DEV	0.0091	(0.0335)	0.0146	(0.0060)	
REL STD DEV	14.327	(28.206)	7.778	(16.216)	

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Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.8010	(0.0060)	1.6350	(-0.0090)	
Sample #2	0.7870	(0.0360)	1.6170	(-0.0050)	
Sample #3	0.7830	(0.0320)	1.5940	(0.0040)	
Sample #4	0.7730	(0.0420)	1.6100	(-0.0140)	
Avg % Abs	0.7810	(0.0367)	1.6070	(-0.0050)	
STD DEV	0.0072	(0.0050)	0.0118	(0.0090)	
REL STD DEV	0.923	(13.727)	0.734	(180.000)	

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Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.5100	(-0.0070)	3.0250	(-0.0280)	
Sample #2	1.5060	(0.0150)	3.0110	(0.0070)	
Sample #3	1.4790	(0.0290)	3.0290	(-0.0190)	
Sample #4	1.4840	(0.0270)	3.0510	(-0.0220)	
Avg % Abs	1.4897	(0.0237)	3.0303	(-0.0113)	
STD DEV	0.0144	(0.0076)	0.0200	(0.0159)	
REL STD DEV	0.964	(31.994)	0.661	(140.716)	

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Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.8790	(-0.0160)	3.7300	(-0.0270)	
Sample #2	1.8490	(0.0140)	3.7170	(-0.0080)	
Sample #3	1.8580	(0.0210)	3.7400	(-0.0060)	
Sample #4	1.8360	(0.0240)	3.7040	(0.0130)	
Avg % Abs	1.8477	(0.0197)	3.7203	(-0.0003)	
STD DEV	0.0111	(0.0051)	0.0182	(0.0116)	
REL STD DEV	0.599	(26.093)	0.490	(3477.067)	

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Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	5.2660	(-0.0180)	10.1190	(0.0140)	
Sample #2	5.2420	(0.0080)	10.1490	(0.0280)	
Sample #3	5.2320	(0.0320)	10.1510	(0.0450)	
Sample #4	5.2490	(0.0310)	10.1270	(0.0550)	
Avg % Abs	5.2410	(0.0237)	10.1423	(0.0427)	
STD DEV	0.0085	(0.0136)	0.0133	(0.0137)	
REL STD DEV	0.163	(57.367)	0.131	(31.993)	

*Ali*  
 6/10/26  
 AEI

TOXL  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-004206  
 06/10/2026 07:45:09

Auto Calibration

pg 2 of 2

<<<<< 3um >>>>>			<<<<< 9um >>>>>		
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Zero Order Coef	-163.25			-232.15	
First Order Coef	2623.52			1294.21	
Second Order Coef	25.43			13.51	
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Act	Fit	Residual	Act	Fit	Residual
(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)
0.000	0.000	-0.0001	0.000	0.000	-0.0002
0.040	0.040	0.0001	0.040	0.040	0.0005
0.080	0.080	0.0002	0.080	0.080	-0.0001
0.100	0.100	-0.0002	0.100	0.100	-0.0002
0.300	0.300	0.0000	0.300	0.300	0.0000
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<<<<< 3um >>>>>		<<<<< 9um >>>>>	
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Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1			
Sample			
Sample #1	3387.00	3221.00	
Sample #2	3402.00	3223.00	
Sample #3	3287.00	3185.00	
Sample #4	3344.00	3204.00	
Avg	3344.3333	3204.0000	
STD DEV	57.5007	19.0000	
REL STD DEV	1.719	0.593	
H2O adjust (mg/l*10k)	465	605	

Atmospheric Pressure = 941

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

*Cal*  
*6/10/26*