



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

INTOXILYZER® 8000 CALIBRATION ADJUSTMENT

Intoxilyzer® 8000 Serial Number: 80-00 3065 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 ≥ 10
 - ☒ Auto Range Res Value ≥ 4
2. Simulator Solutions for Calibration Adjustment

Soln.	g/210 L	Lot No.	Exp. Date	Simulator SN
1	0.000	NA-Milli-Q H ₂ O	NA-Milli-Q H ₂ O	MP3066
2	0.040	202410D	22Oct26	MP3071
3	0.080	202501A	15 Jan 27	MP3061
4	0.100	202408F	28 Aug 26	MP3062
5	0.300	202408H	29 Aug 26	MP3003

3. 0.080 AC Calibration Gas for H₂O Adjustment

Lot No. 25024080A3 Cyl No. 1 Exp. Date: 10/6/26

4. Atmospheric Pressure

Displayed by Intoxilyzer® 8000 957 mbar
Adjusted to using barometer 961 mbar
Auto Calibration Report printout 959 mbar
Barometer Model 10510-922
Barometer Serial Number 250063741
Barometer Calibration Expiration Date 04Feb27

5. ☒ Screen displayed "Calibration Success"

6. ☒ Calibration Adjustment Printout Attached

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

☒ Dry Gas H₂O adjustment sum for 3 µm and 9 µm channels within ± 10

3 µm 3436 (Ave.) + 373 (H₂O Adj.) = 3809

9 µm 3539 (Ave.) + 270 (H₂O 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: This calibration adjustment was performed during
an Annual inspection.


Breath Alcohol Analyst Signature

24 June 2024
Date


Reviewer Signature

29 June 2024
Date

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003065
06/24/2026 14:55:26

Auto Calibration
Max Power Res Value = 17
Auto Range Res Value = 14

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6/24/26

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003065
 06/24/2026 14:55:26

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	0.1020	(-0.0240)	0.1180	(-0.0240)	
Sample #2	0.0360	(0.0100)	0.0880	(-0.0070)	
Sample #3	0.0440	(0.0150)	0.0790	(0.0080)	
Sample #4	0.0850	(0.0000)	0.1230	(-0.0250)	
Avg % Abs	0.0550	(0.0083)	0.0967	(-0.0080)	
STD DEV	0.0263	(0.0076)	0.0232	(0.0165)	
REL STD DEV	47.794	(91.652)	24.047	(206.534)	
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.6710	(0.0160)	1.4450	(0.0070)	
Sample #2	0.6970	(0.0210)	1.4350	(0.0290)	
Sample #3	0.7380	(0.0110)	1.4590	(0.0200)	
Sample #4	0.7070	(0.0080)	1.4260	(0.0190)	
Avg % Abs	0.7140	(0.0133)	1.4400	(0.0227)	
STD DEV	0.0214	(0.0068)	0.0171	(0.0055)	
REL STD DEV	2.994	(51.051)	1.185	(24.298)	
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.3510	(0.0000)	2.7830	(0.0280)	
Sample #2	1.3540	(0.0040)	2.7890	(0.0370)	
Sample #3	1.3500	(0.0240)	2.7720	(0.0460)	
Sample #4	1.3380	(0.0200)	2.7610	(0.0450)	
Avg % Abs	1.3473	(0.0160)	2.7740	(0.0427)	
STD DEV	0.0083	(0.0106)	0.0141	(0.0049)	
REL STD DEV	0.618	(66.144)	0.509	(11.561)	
Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.6970	(-0.0260)	3.4610	(-0.0100)	
Sample #2	1.6860	(-0.0070)	3.4530	(0.0060)	
Sample #3	1.6670	(0.0120)	3.4760	(0.0010)	
Sample #4	1.7370	(-0.0190)	3.4730	(0.0070)	
Avg % Abs	1.6967	(-0.0047)	3.4673	(0.0047)	
STD DEV	0.0362	(0.0156)	0.0125	(0.0032)	
REL STD DEV	2.134	(334.954)	0.361	(68.883)	
Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	4.7790	(-0.0070)	9.5260	(-0.0160)	
Sample #2	4.7920	(0.0190)	9.6030	(0.0140)	
Sample #3	4.7930	(0.0050)	9.5870	(0.0080)	
Sample #4	4.7830	(0.0200)	9.5840	(-0.0030)	
Avg % Abs	4.7893	(0.0147)	9.5913	(0.0063)	
STD DEV	0.0055	(0.0084)	0.0102	(0.0086)	
REL STD DEV	0.115	(57.181)	0.106	(136.132)	

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TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003065
06/24/2026 14:55:26

Auto Calibration

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<<<< 3um >>>>			<<<< 9um >>>>		
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Zero Order Coef			Zero Order Coef		
-153.02			-117.32		
First Order Coef			First Order Coef		
2865.98			1368.65		
Second Order Coef			Second Order Coef		
31.01			13.84		
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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	-0.0003
0.040	0.040	-0.0001	0.040	0.040	0.0005
0.080	0.079	0.0009	0.080	0.080	0.0005
0.100	0.101	-0.0008	0.100	0.101	-0.0007
0.300	0.300	0.0000	0.300	0.300	0.0001
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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	3555.00	3558.00	
Sample #2	3386.00	3531.00	
Sample #3	3523.00	3557.00	
Sample #4	3400.00	3530.00	
Avg	3436.3333	3539.3333	
STD DEV	75.3813	15.3080	
REL STD DEV	2.194	0.433	
H2O adjust (mg/l*10k)	373	270	

Atmospheric Pressure = 959

*****CALIBRATION SUCCESSFUL*****

OK
6/24/26