

NORTH DAKOTA OFFICE OF ATTORNEY GENERAL
CRIME LABORATORY DIVISION

INTOXILYZER® 8000 CALIBRATION ADJUSTMENT

Intoxilyzer® 8000 Serial Number: 80-00 4950 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	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 H₂O Adjustment

Lot No. 26-4437 Cyl No. 104 Exp. Date: 1/29/28

4. Atmospheric Pressure

Displayed by Intoxilyzer® 8000

936 mbar

Adjusted to using barometer

941 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 ≤ 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 3400 (Ave.) + 409 (H₂O Adj.) = 3809

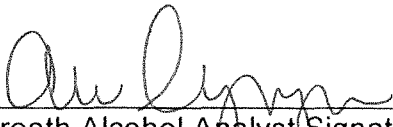
9 µm 3324 (Ave.) + 485 (H₂O Adj.) = 3809

C. Is an Annual Inspection due for this instrument? Yes or No

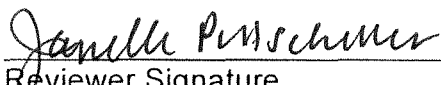
If Yes, complete Intoxilyzer 8000 Annual Inspection (Document ID: 11698)

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

Remarks/Notes: this calibration adjustment was completed during
the annual inspection.


Breath Alcohol Analyst Signature

10 June 2026
Date


Reviewer Signature

10 June 2026
Date

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004950
06/10/2026 10:13:14

Auto Calibration
Max Power Res Value = 13
Auto Range Res Value = 5

ali
6/10/26

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004950
06/10/2026 10:13:14

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	0.0620	(-0.0170)	0.1390	(-0.0010)	
Sample #2	0.0450	(0.0070)	0.1560	(-0.0130)	
Sample #3	0.0620	(0.0300)	0.1410	(0.0080)	
Sample #4	0.0640	(0.0340)	0.1360	(0.0170)	
Avg % Abs	0.0570	(0.0237)	0.1443	(0.0040)	
STD DEV	0.0104	(0.0146)	0.0104	(0.0154)	
REL STD DEV	18.316	(61.570)	7.211	(384.870)	

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.7350	(0.0040)	1.5350	(0.0370)	
Sample #2	0.7320	(0.0220)	1.4840	(0.0460)	
Sample #3	0.7660	(0.0250)	1.4780	(0.0790)	
Sample #4	0.7390	(0.0390)	1.4810	(0.0860)	
Avg % Abs	0.7457	(0.0287)	1.4810	(0.0703)	
STD DEV	0.0180	(0.0091)	0.0030	(0.0214)	
REL STD DEV	2.408	(31.653)	0.203	(30.372)	

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.3960	(0.0070)	2.8550	(-0.0090)	
Sample #2	1.4350	(0.0130)	2.7350	(0.0890)	
Sample #3	1.4090	(0.0360)	2.7730	(0.0710)	
Sample #4	1.4260	(0.0520)	2.7650	(0.0910)	
Avg % Abs	1.4233	(0.0337)	2.7577	(0.0837)	
STD DEV	0.0132	(0.0196)	0.0200	(0.0110)	
REL STD DEV	0.928	(58.231)	0.726	(13.166)	

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.7470	(0.0110)	3.5110	(-0.0090)	
Sample #2	1.7810	(0.0220)	3.4350	(0.0500)	
Sample #3	1.7910	(0.0240)	3.4750	(0.0420)	
Sample #4	1.7900	(0.0280)	3.4730	(0.0520)	
Avg % Abs	1.7873	(0.0247)	3.4610	(0.0480)	
STD DEV	0.0055	(0.0031)	0.0225	(0.0053)	
REL STD DEV	0.308	(12.385)	0.651	(11.024)	

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	4.9960	(-0.0140)	9.4070	(-0.0330)	
Sample #2	5.0220	(0.0210)	9.3830	(0.0410)	
Sample #3	4.9990	(0.0410)	9.4130	(0.0430)	
Sample #4	4.9970	(0.0380)	9.3940	(0.0490)	
Avg % Abs	5.0060	(0.0333)	9.3967	(0.0443)	
STD DEV	0.0139	(0.0108)	0.0152	(0.0042)	
REL STD DEV	0.278	(32.357)	0.162	(9.391)	

OK
6/10/2026

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004950
06/10/2026 10:13:14

Auto Calibration

pg 2 of 2

<<<< 3um >>>>			<<<< 9um >>>>		
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Zero Order Coef	-141.80			-191.00	
First Order Coef	2699.76			1388.18	
Second Order Coef	36.34			16.20	
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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	-0.0003	0.000	0.000	-0.0002
0.040	0.040	0.0003	0.040	0.040	0.0001
0.080	0.079	0.0007	0.080	0.079	0.0010
0.100	0.101	-0.0008	0.100	0.101	-0.0010
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	3447.00		3519.00
Sample #2	3442.00		3290.00
Sample #3	3421.00		3369.00
Sample #4	3339.00		3314.00
Avg	3400.6667		3324.3333
STD DEV	54.4273		40.5010
REL STD DEV	1.600		1.218
H2O adjust (mg/l*10k)	409		485

Atmospheric Pressure = 941

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

OK
6/10/20