



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

INTOXILYZER® 8000 CALIBRATION ADJUSTMENT

Intoxilyzer® 8000 Serial Number: 80-00 0600 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	MP6036
2	0.040	202410D	10/22/26	MP3069
3	0.080	202501A	1/15/27	MP6041
4	0.100	202408F	8/28/26	MP6039
5	0.300	202402C	02/14/26	MP3002

3. 0.080 AC Calibration Gas for H₂O Adjustment

Lot No. 19825080A2 Cyl No. 20 Exp. Date: 9/15/27

4. Atmospheric Pressure

Displayed by Intoxilyzer® 8000 942 mbar
Adjusted to using barometer 959 mbar
Auto Calibration Report printout 958 mbar
Barometer Model 10510-922
Barometer Serial Number 250063741
Barometer Calibration Expiration Date 04Feb2027

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 3397.3 (Ave.) + 412 (H₂O Adj.) = 3809.3
9 µm 3302.3 (Ave.) + 507 (H₂O Adj.) = 3809.3

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

20 Nov 2025
Date


Reviewer Signature

26 Nov 2025
Date

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005666
11/20/2025 13:34:57

Auto Calibration
Max Power Res Value = 47
Auto Range Res Value = 23

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	0.1300	(-0.0040)	0.2270	(-0.0040)	
Sample #2	0.0780	(0.1000)	0.2180	(0.0230)	
Sample #3	0.0850	(0.1330)	0.2190	(0.0270)	
Sample #4	0.0720	(0.1640)	0.2100	(0.0460)	
Avg % Abs	0.0783	(0.1323)	0.2157	(0.0320)	
STD DEV	0.0065	(0.0320)	0.0049	(0.0123)	
REL STD DEV	8.306	(24.185)	2.287	(38.401)	

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.7810	(-0.0220)	1.5960	(-0.0080)	
Sample #2	0.7710	(-0.0040)	1.5450	(0.0130)	
Sample #3	0.7610	(0.0220)	1.5400	(0.0250)	
Sample #4	0.7470	(0.0280)	1.5360	(0.0310)	
Avg % Abs	0.7597	(0.0153)	1.5403	(0.0230)	
STD DEV	0.0121	(0.0170)	0.0045	(0.0092)	
REL STD DEV	1.587	(110.933)	0.293	(39.848)	

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.4870	(-0.0150)	2.9210	(-0.0060)	
Sample #2	1.4810	(0.0150)	2.8930	(0.0270)	
Sample #3	1.4800	(0.0240)	2.8910	(0.0320)	
Sample #4	1.4830	(0.0310)	2.9000	(0.0390)	
Avg % Abs	1.4813	(0.0233)	2.8947	(0.0327)	
STD DEV	0.0015	(0.0080)	0.0047	(0.0060)	
REL STD DEV	0.103	(34.375)	0.163	(18.452)	

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.8240	(0.0200)	3.5570	(0.0150)	
Sample #2	1.8370	(0.0230)	3.5730	(0.0070)	
Sample #3	1.8670	(0.0270)	3.6120	(0.0040)	
Sample #4	1.8320	(0.0440)	3.5850	(0.0180)	
Avg % Abs	1.8453	(0.0313)	3.5900	(0.0097)	
STD DEV	0.0189	(0.0112)	0.0200	(0.0074)	
REL STD DEV	1.026	(35.587)	0.556	(76.253)	

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	5.1530	(0.0110)	9.7270	(0.0310)	
Sample #2	5.1980	(0.0050)	9.7400	(0.0460)	
Sample #3	5.1970	(0.0220)	9.7480	(0.0560)	
Sample #4	5.2360	(0.0010)	9.7610	(0.0530)	
Avg % Abs	5.2103	(0.0093)	9.7497	(0.0517)	
STD DEV	0.0222	(0.0112)	0.0106	(0.0051)	
REL STD DEV	0.427	(119.469)	0.109	(9.932)	

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006666
11/20/2025 13:34:57

Auto Calibration

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<<<< 3um >>>>

Zero Order Coef -177.70
First Order Coef 2651.46
Second Order Coef 23.79

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.001	-0.0006
0.040	0.039	0.0011
0.080	0.080	0.0002
0.100	0.101	-0.0007
0.300	0.300	0.0001

<<<< 9um >>>>

-270.82
1365.52
13.05

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.001	-0.0005
0.040	0.039	0.0009
0.080	0.080	0.0004
0.100	0.101	-0.0008
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 3405.00 3302.00
Sample #2 3414.00 3285.00
Sample #3 3386.00 3306.00
Sample #4 3392.00 3316.00
Avg 3397.3333 3302.3333
STD DEV 14.7422 15.8219
REL STD DEV 0.434 0.479
H2O adjust (mg/l*10k) 412 507

Atmospheric Pressure = 958

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