



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

INTOXILYZER® 8000 CALIBRATION ADJUSTMENT

Intoxilyzer® 8000 Serial Number: 80-00 4948 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	01/15/27	MP6041
4	0.100	202408F	08/28/26	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: 9/5/27

4. Atmospheric Pressure

Displayed by Intoxilyzer® 8000 949 mbar
Adjusted to using barometer 954 mbar
Auto Calibration Report printout 953 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

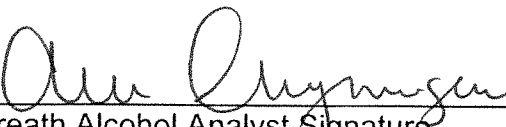
☒ Solution 2-5 REL STD DEV ≤ 3.000

☒ 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 3174 (Ave.) + 635 (H₂O Adj.) = 3809
9 µm 3263 (Ave.) + 549 (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: NIA


Breath Alcohol Analyst Signature

21 Nov 2025
Date


Reviewer Signature

26 Nov 2025
Date

HEP-TOYL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004948
~~09/22/2025~~ ~~23:55:19~~
11/21/2025 13:55:19
Auto Calibration
Max Power Res Value = 36
Auto Range Res Value = 18

WEPB TOXL

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-004948

~~09/22/2025~~

~~23:55:19~~

11/21/2025

13:55:19

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	0.1360	(-0.0210)		0.2690	(-0.0040)	
Sample #2	0.1060	(0.0270)		0.2430	(0.0020)	
Sample #3	0.1390	(0.0300)		0.2270	(0.0100)	
Sample #4	0.1270	(0.0580)		0.2290	(0.0130)	
Avg % Abs	0.1240	(0.0383)		0.2330	(0.0083)	
STD DEV	0.0167	(0.0171)		0.0087	(0.0057)	
REL STD DEV	13.470	(44.603)		3.742	(68.235)	

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	0.8550	(-0.0130)		1.6420	(-0.0260)	
Sample #2	0.8330	(0.0010)		1.6470	(-0.0290)	
Sample #3	0.8530	(0.0040)		1.6470	(-0.0150)	
Sample #4	0.8240	(0.0300)		1.6240	(-0.0060)	
Avg % Abs	0.8367	(0.0117)		1.6393	(-0.0167)	
STD DEV	0.0148	(0.0159)		0.0133	(0.0116)	
REL STD DEV	1.774	(136.696)		0.810	(69.541)	

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	1.5690	(-0.0010)		3.0210	(0.0000)	
Sample #2	1.5880	(-0.0040)		3.0360	(-0.0150)	
Sample #3	1.5470	(0.0230)		2.9500	(0.0320)	
Sample #4	1.5520	(0.0160)		2.9980	(0.0070)	
Avg % Abs	1.5623	(0.0117)		2.9947	(0.0080)	
STD DEV	0.0224	(0.0140)		0.0431	(0.0235)	
REL STD DEV	1.432	(120.102)		1.439	(293.949)	

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	1.9610	(-0.0140)		3.7190	(-0.0150)	
Sample #2	1.9670	(-0.0040)		3.7240	(-0.0030)	
Sample #3	1.9280	(0.0210)		3.6890	(0.0150)	
Sample #4	1.9650	(0.0100)		3.7030	(0.0030)	
Avg % Abs	1.9533	(0.0090)		3.7053	(0.0050)	
STD DEV	0.0220	(0.0125)		0.0176	(0.0092)	
REL STD DEV	1.124	(139.222)		0.475	(183.303)	

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	5.3600	(0.0010)		10.0080	(0.0170)	
Sample #2	5.3660	(0.0210)		10.0240	(0.0120)	
Sample #3	5.4050	(0.0050)		10.0370	(0.0070)	
Sample #4	5.3640	(0.0280)		10.0130	(0.0150)	
Avg % Abs	5.3783	(0.0180)		10.0247	(0.0113)	
STD DEV	0.0231	(0.0118)		0.0120	(0.0040)	
REL STD DEV	0.430	(65.499)		0.120	(35.660)	

WCPD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004948
09/22/2025 23:55:19

Auto Calibration

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<<<<< 3um >>>>>			<<<<< 9um >>>>>		
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Zero Order Coef			Zero Order Coef		
-292.58			-305.31		
First Order Coef			First Order Coef		
2558.54			1326.49		
Second Order Coef			Second Order Coef		
28.16			12.86		
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Act	Fit	Residual	Act	Fit	Residual
(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)
0.000	0.001	-0.0005	0.000	0.000	-0.0001
0.040	0.039	0.0008	0.040	0.040	0.0000
0.080	0.079	0.0008	0.080	0.079	0.0006
0.100	0.101	-0.0011	0.100	0.101	-0.0005
0.300	0.300	0.0001	0.300	0.300	0.0000
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Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1			
Sample			
Sample #1	3237.00	3244.00	
Sample #2	3184.00	3270.00	
Sample #3	3173.00	3272.00	
Sample #4	3166.00	3249.00	
Avg	3174.3333	3263.6667	
STD DEV	9.0738	12.7410	
REL STD DEV	0.286	0.390	
H2O adjust (mg/l*10k)	635	546	

Atmospheric Pressure = 953

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