NORTH DAKOTA OFFICE OF ATTORNEY GENERAL
CRIME LABORATORY DIVISION

INTOXILYZER® 8000 CALIBRATION ADJUSTMENT

Intoxilyzer® 8000 Serial Number: 80-00 7097 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_2O	NA-Milli-Q H_2O	MP3066
2	0.040	~~202401~~ 20241001 aci 3/21/26	22Oct26	MP3071
3	0.080	202501A	15Jan27	MP3061
4	0.100	202408F	28Aug26	MP3062
5	0.300	202408H	29Aug28	MP3058

3. 0.080 AC Calibration Gas for H_2O Adjustment
   Lot No. 19825080A2 Cyl No. 20 Exp. Date: 9/5/27
4. Atmospheric Pressure
   - Displayed by Intoxilyzer® 8000 957 mbar
   - Adjusted to using barometer 958 mbar
   - Auto Calibration Report printout 957 mbar
   - Barometer Model 10510-922
   - Barometer Serial Number 250063141
   - 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 µm and 9 µm channels

☒ Dry Gas H_2O adjustment sum for 3 µm and 9 µm channels within ± 10
3 µm 3182 (Ave.) + 627 (H_2O Adj.) = 3809
9 µm 3256 (Ave.) + 553 (H_2O Adj.) = 3812

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: N/A

Breath Alcohol Analyst Signature — Date: 25 March 2026

Reviewer Signature — Date: 31 Mar 2026

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007097
03/24/2026 13:48:57

Auto Calibration
Max Power Res Value = 58
Auto Range Res Value = 40

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007097
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Auto Calibration

	<<<<< 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	0.0900	(-0.0080)	0.1920	(0.0110)
Sample #2	0.1120	(0.0160)	0.1960	(0.0220)
Sample #3	0.1300	(0.0140)	0.2090	(0.0230)
Sample #4	0.1070	(0.0260)	0.2000	(0.0160)
Avg % Abs	0.1163	(0.0187)	0.2017	(0.0203)
STD DEV	0.0121	(0.0064)	0.0067	(0.0038)
REL STD DEV	10.398	(34.442)	3.302	(18.619)
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8290	(0.0070)	1.5060	(0.0000)
Sample #2	0.8710	(0.0210)	1.5540	(-0.0250)
Sample #3	0.8750	(0.0330)	1.5510	(-0.0140)
Sample #4	0.8720	(0.0440)	1.5630	(0.0000)
Avg % Abs	0.8727	(0.0327)	1.5560	(-0.0130)
STD DEV	0.0021	(0.0115)	0.0062	(0.0125)
REL STD DEV	0.239	(35.215)	0.401	(96.384)
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.6320	(0.0010)	2.8140	(0.0190)
Sample #2	1.6440	(0.0130)	2.8770	(-0.0080)
Sample #3	1.5920	(0.0570)	2.8370	(0.0190)
Sample #4	1.5720	(0.0770)	2.8430	(0.0180)
Avg % Abs	1.6027	(0.0490)	2.8523	(0.0097)
STD DEV	0.0372	(0.0327)	0.0216	(0.0153)
REL STD DEV	2.319	(66.819)	0.756	(158.358)
Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.9430	(0.0130)	3.4690	(0.0140)
Sample #2	1.9530	(0.0400)	3.4800	(0.0150)
Sample #3	1.9840	(0.0530)	3.4820	(0.0340)
Sample #4	1.9960	(0.0540)	3.5250	(0.0250)
Avg % Abs	1.9777	(0.0490)	3.4957	(0.0247)
STD DEV	0.0222	(0.0078)	0.0254	(0.0095)
REL STD DEV	1.122	(15.939)	0.727	(38.531)
Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.5080	(-0.0360)	9.5090	(-0.0020)
Sample #2	5.4800	(0.0000)	9.5360	(0.0100)
Sample #3	5.4650	(0.0310)	9.5210	(0.0410)
Sample #4	5.5230	(0.0140)	9.5740	(0.0110)
Avg % Abs	5.4893	(0.0150)	9.5437	(0.0207)
STD DEV	0.0301	(0.0155)	0.0273	(0.0176)
REL STD DEV	0.548	(103.494)	0.286	(85.240)

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Auto Calibration

	<<<<< 3um >>>>>	<<<<< 9um >>>>>
Zero Order Coef	-294.72	-287.63
First Order Coef	2507.83	1395.55
Second Order Coef	27.01	13.78

3um Act (g/210L)	3um Fit (g/210L)	3um Residual (g/210L)	9um Act (g/210L)	9um Fit (g/210L)	9um Residual (g/210L)
0.000	-0.000	0.0001	0.000	-0.000	0.0001
0.040	0.040	-0.0002	0.040	0.040	-0.0003
0.080	0.080	0.0003	0.080	0.080	0.0001
0.100	0.100	-0.0002	0.100	0.100	0.0001
0.300	0.300	0.0000	0.300	0.300	-0.0000

<<<<< 3um >>>>> <<<<< 9um >>>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1

Sample	3um	9um
Sample #1	3206.00	3260.00
Sample #2	3197.00	3263.00
Sample #3	3206.00	3256.00
Sample #4	3145.00	3250.00
Avg	3182.6667	3256.3333
STD DEV	32.9292	6.5064
REL STD DEV	1.035	0.200
H2O adjust (mg/l*10k)	627	553

Atmospheric Pressure = 957

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