

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

INTOXILYZER® 8000 CALIBRATION ADJUSTMENT

Intoxilyzer® 8000 Serial Number: 80-00 6689 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. 08425080A1 Cyl No. 23 Exp. Date: 5/5/27

4. Atmospheric Pressure
 Displayed by Intoxilyzer® 8000 946 mbar
 Adjusted to using barometer 946 mbar
 Auto Calibration Report printout 944 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

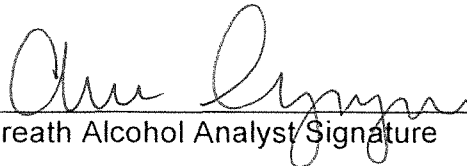
Dry Gas H₂O adjustment sum for 3 μm and 9 μm channels within ± 10

$$3 \mu\text{m } \underline{3354} \text{ (Ave.)} + \underline{455} \text{ (H}_2\text{O Adj.)} = \underline{3809}$$

$$9 \mu\text{m } \underline{3397} \text{ (Ave.)} + \underline{418} \text{ (H}_2\text{O Adj.)} = \underline{3809}$$

- C. Is an Annual Inspection due for this instrument? ^{AEI 5/15/26 3301} 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 the annual inspection.


Breath Alcohol Analyst Signature

15 May 2026
Date


Reviewer Signature

18 May 2026
Date

.DKP0 T6XL aei 5/15/26
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006689
05/15/2026 09:14:34

Auto Calibration
Max Power Res Value = 46
Auto Range Res Value = 23

*aei
5/15/26*

DKPD TOXL aei 5/15/26

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-006689

05/15/2026

09:14:34

Auto Calibration

pg 1 of 2

	<<<<< 3um >>>>>		<<<<< 9um >>>>>	
	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1				
Sample #1	0.0820	(0.0120)	0.2060	(0.0090)
Sample #2	0.0750	(0.0420)	0.2130	(0.0100)
Sample #3	0.1010	(0.0340)	0.2190	(0.0190)
Sample #4	0.1000	(0.0170)	0.2210	(0.0100)
Avg % Abs	0.0920	(0.0310)	0.2177	(0.0130)
STD DEV	0.0147	(0.0128)	0.0042	(0.0052)
REL STD DEV	16.012	(41.184)	1.913	(39.970)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1				
Sample #1	0.7570	(0.0120)	1.6010	(0.0000)
Sample #2	0.7980	(0.0180)	1.6120	(0.0060)
Sample #3	0.7700	(0.0380)	1.5890	(0.0190)
Sample #4	0.8110	(0.0360)	1.6200	(0.0110)
Avg % Abs	0.7930	(0.0307)	1.6070	(0.0120)
STD DEV	0.0210	(0.0110)	0.0161	(0.0066)
REL STD DEV	2.642	(35.919)	1.001	(54.645)

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1				
Sample #1	1.4410	(-0.0200)	2.8900	(-0.0190)
Sample #2	1.4170	(-0.0040)	2.8780	(-0.0070)
Sample #3	1.4270	(0.0040)	2.8760	(-0.0050)
Sample #4	1.4370	(0.0120)	2.8600	(0.0130)
Avg % Abs	1.4270	(0.0040)	2.8713	(0.0003)
STD DEV	0.0100	(0.0080)	0.0099	(0.0110)
REL STD DEV	0.701	(200.000)	0.344	(3304.542)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1				
Sample #1	1.7850	(-0.0180)	3.5760	(-0.0040)
Sample #2	1.7390	(0.0120)	3.5570	(0.0050)
Sample #3	1.7810	(0.0020)	3.5580	(0.0040)
Sample #4	1.7390	(0.0280)	3.5250	(0.0110)
Avg % Abs	1.7530	(0.0140)	3.5467	(0.0067)
STD DEV	0.0242	(0.0131)	0.0188	(0.0038)
REL STD DEV	1.383	(93.678)	0.529	(56.789)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1				
Sample #1	4.9200	(0.0060)	9.6950	(0.0000)
Sample #2	4.9530	(0.0210)	9.7310	(0.0200)
Sample #3	4.9190	(0.0390)	9.7220	(0.0270)
Sample #4	4.9580	(0.0230)	9.7260	(0.0150)
Avg % Abs	4.9433	(0.0277)	9.7263	(0.0207)
STD DEV	0.0212	(0.0099)	0.0045	(0.0060)
REL STD DEV	0.429	(35.659)	0.046	(29.166)

aei
5/15/26
AEI

DKPD TbxL Aei 5/15/26
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006689
 05/15/2026 09:14:34

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

<<<< 9um >>>>

 Zero Order Coef -289.01
 First Order Coef 2825.82
 Second Order Coef 24.88

 -321.92
 1396.09
 10.88

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.001	0.0006
0.040	0.041	-0.0013
0.080	0.080	0.0003
0.100	0.100	0.0004
0.300	0.300	-0.0000

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0004
0.040	0.041	-0.0009
0.080	0.079	0.0007
0.100	0.100	-0.0001
0.300	0.300	-0.0000

<<<< 3um >>>>

<<<< 9um >>>>

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

Sample #1	3443.00	3414.00
Sample #2	3361.00	3394.00
Sample #3	3381.00	3384.00
Sample #4	3320.00	3397.00
Avg	3354.0000	3391.6667
STD DEV	31.0966	6.8069
REL STD DEV	0.927	0.201
H2O adjust (mg/l*10k)	455	418

Atmospheric Pressure = 944

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

Aei
5/15/26