







# Calibration Certificate

Florida Department of Law Enforcement  
Alcohol Testing Program  
4700 Terminal Drive, Suite 1  
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-007433, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007433</u>	UNCERTAINTY* ±	
Owning Agency:	<u>BROWARD COUNTY SO</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>08/02/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>12:07</u>	0.200 g/ 210 L	0.007
		0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.

Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration.

\*Uncertainty is based on fleet-wide data and is expressed to a 99.73% level of confidence (k=3).

The instrument results before and after any adjustment are found in the associated pre and post stability checks.

### TRACEABILITY INFORMATION

This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/IEC 17025 standards.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

08/02/2021

Date

David Reyes-Rivera  
DAVID E REYES-RIVERA,

Department Inspector

FDLE/ATP Form 69 January 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BROWARD COUNTY SO  
Time of Inspection: 12:07

Date of Inspection: 08/02/2021

Serial Number: 80-007433  
Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK	Yes		Date and/or Time Adjusted		No
Minimum Sample Volume Check: OK	Yes		Barometric Pressure Sensor Check: OK	Yes	
Alcohol Free Subject Test: 0.000	Yes		Mouth Alcohol Test: Slope Not Met	Yes	
Interferent Detect Test: Interferent Detect	Yes		Diagnostic Check (Post-Inspection): OK	Yes	

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG026705 Exp: 09/23/2022
0.000	0.048	0.078	0.193	0.080
0.000	0.048	0.079	0.195	0.079
0.000	0.048	0.079	0.195	0.079
0.000	0.048	0.080	0.195	0.080
0.000	0.048	0.079	0.195	0.079
0.000	0.048	0.080	0.195	0.080
0.000	0.048	0.080	0.195	0.079
0.000	0.048	0.080	0.195	0.079
0.000	0.048	0.079	0.196	0.079
0.000	0.048	0.080	0.195	0.079

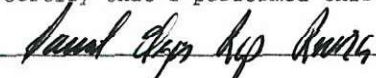
Standard Deviations	0.0000	0.0006	0.0007	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

The above instrument complies (  ) does not comply (  ) with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

  
 \_\_\_\_\_  
 Signature and Printed Name

08/02/2021  
 Date



Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities 2	80-007433	Broward County Sheriff's Office	8/2/2021	DERR

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053	0.077 to 0.083	0.194 to 0.206	0.077 to 0.083

BROWARD COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000  
08/02/2021  
SN 80-007433  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:15
Control Test	0.048	10:16
Air Blank	0.000	10:16
Control Test	0.048	10:17
Air Blank	0.000	10:17
Control Test	0.049	10:18
Air Blank	0.000	10:19
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel. Std Dev(%)	1.1945	

BROWARD COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000  
08/02/2021  
SN 80-007433  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:20
Control Test	0.077	10:21
Air Blank	0.000	10:21
Control Test	0.078	10:22
Air Blank	0.000	10:22
Control Test	0.078	10:23
Air Blank	0.000	10:24
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel. Std Dev(%)	0.7434	

BROWARD COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000  
08/02/2021  
SN 80-007433  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:25
Control Test	0.194	10:25
Air Blank	0.000	10:26
Control Test	0.195	10:26
Air Blank	0.000	10:27
Control Test	0.195	10:28
Air Blank	0.000	10:28
Control Test Stats		
Average	0.1947	
Std Dev	0.0006	
Rel. Std Dev(%)	0.2966	

BROWARD COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000  
08/02/2021  
SN 80-007433  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:29
Control Test	0.080	10:30
Air Blank	0.000	10:30
Control Test	0.079	10:31
Air Blank	0.000	10:31
Control Test	0.079	10:32
Air Blank	0.000	10:32
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel. Std Dev(%)	0.7277	

*[Signature]*  
Operator's Signature

*[Signature]*  
Operator's Signature

*[Signature]*  
Operator's Signature

*[Signature]*  
Operator's Signature

ROXBORO COUNTY SO  
 intoxilyzer - Alcohol Analyzer  
 Model 8000  
 08/02/2021 09:31:55  
 SN 80-007433

Auto Calibration  
 Max Power Res Value = 90  
 Auto Range Res Value = 69

Sol Value = 0.000 g/210L  
 Fit value = 0.000 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12553, Sum Io = 13193

Sample % Abs (% Abs Ref)  
 Sample #1 = 1.5010 (0.0040)  
 Sample #2 = 1.5200 (0.0130)  
 Sample #3 = 1.5320 (0.0140)  
 Sample #4 = 1.5030 (0.0280)  
 Avg % Abs = 1.5183 (0.0183)  
 STD DEV = 0.0146 (0.0084)  
 REL STD DEV = 0.960 (45.745)

Sample % Abs (% Abs Ref)  
 Sample #1 = 1.5010 (0.0040)  
 Sample #2 = 1.5200 (0.0130)  
 Sample #3 = 1.5320 (0.0140)  
 Sample #4 = 1.5030 (0.0280)  
 Avg % Abs = 1.5183 (0.0183)  
 STD DEV = 0.0146 (0.0084)  
 REL STD DEV = 0.960 (45.745)

Channel 1  
 Sol Val = 0.000 mg/l or 0.000 g/210L  
 % Abs = 0.158  
 Std Dev = 0.02 Rel Std Dev = 13.88  
 Sol Val = 0.1905 mg/l or 0.040 g/210L  
 % Abs = 0.921  
 Std Dev = 0.02 Rel Std Dev = 2.47  
 Sol Val = 0.4762 mg/l or 0.100 g/210L  
 % Abs = 1.996  
 Std Dev = 0.02 Rel Std Dev = 1.15  
 Sol Val = 0.9524 mg/l or 0.200 g/210L  
 % Abs = 3.776  
 Std Dev = 0.02 Rel Std Dev = 0.43  
 Sol Val = 1.4286 mg/l or 0.300 g/210L  
 % Abs = 5.477  
 Std Dev = 0.03 Rel Std Dev = 0.47  
 Zero Order Coef = -412.33  
 First Order Coef = 521.00  
 Second Order Coef = 29.65  
 Standard Deviation = 20.697254

Channel 2  
 Sol Val = 0.000 mg/l or 0.000 g/210L  
 % Abs = 0.150  
 Std Dev = 0.01 Rel Std Dev = 7.72  
 Sol Val = 0.1905 mg/l or 0.040 g/210L  
 % Abs = 1.518  
 Std Dev = 0.01 Rel Std Dev = 0.96  
 Sol Val = 0.4762 mg/l or 0.100 g/210L  
 % Abs = 3.474  
 Std Dev = 0.02 Rel Std Dev = 0.53  
 Sol Val = 0.9524 mg/l or 0.200 g/210L  
 % Abs = 6.631  
 Std Dev = 0.01 Rel Std Dev = 0.14  
 Sol Val = 1.4286 mg/l or 0.300 g/210L  
 % Abs = 9.551  
 Std Dev = 0.02 Rel Std Dev = 0.16  
 Zero Order Coef = -200.46  
 First Order Coef = 1366.65  
 Second Order Coef = 15.62  
 Standard Deviation = 19.062846

Channel 1  
 Sol Value = 0.300 g/210L  
 Fit value = 1.4286 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12536, Sum Io = 13187

Channel 2  
 Sol Value = 0.100 g/210L  
 Fit value = 0.4762 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12539, Sum Io = 13190

Channel 1  
 Sol Value = 0.000 g/210L  
 Fit value = 0.000 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12553, Sum Io = 13193

Channel 2  
 Sol Value = 0.200 g/210L  
 Fit value = 0.9524 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12535, Sum Io = 13189

Channel 1  
 Sol Value = 0.040 g/210L  
 Fit value = 0.1905 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12546, Sum Io = 13193

Channel 2  
 Sol Value = 0.715 g/210L  
 Fit value = 0.9524 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12535, Sum Io = 13189

Channel 1  
 Sol Value = 0.040 g/210L  
 Fit value = 0.1905 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12546, Sum Io = 13193

Channel 2  
 Sol Value = 0.040 g/210L  
 Fit value = 0.1905 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12546, Sum Io = 13193

Channel 1  
 Sol Value = 0.080 g/210L  
 Fit value = 0.3810 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12536, Sum Io = 13187

Channel 2  
 Sol Value = 0.3213 g/210L  
 Fit value = 0.9524 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12535, Sum Io = 13189

Channel 1  
 Sol Value = 0.040 g/210L  
 Fit value = 0.1905 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12546, Sum Io = 13193

Channel 2  
 Sol Value = 0.715 g/210L  
 Fit value = 0.9524 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12535, Sum Io = 13189

Channel 1  
 Sol Value = 0.040 g/210L  
 Fit value = 0.1905 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12546, Sum Io = 13193

Channel 2  
 Sol Value = 0.040 g/210L  
 Fit value = 0.1905 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12546, Sum Io = 13193

Channel 1  
 Sol Value = 0.040 g/210L  
 Fit value = 0.1905 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12546, Sum Io = 13193

Channel 2  
 Sol Value = 0.040 g/210L  
 Fit value = 0.1905 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12546, Sum Io = 13193

Channel 1  
 Sol Value = 0.040 g/210L  
 Fit value = 0.1905 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12546, Sum Io = 13193

Channel 2  
 Sol Value = 0.040 g/210L  
 Fit value = 0.1905 mg/l  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12546, Sum Io = 13193

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0003
0.040	0.041	-0.0006
0.100	0.100	0.0005
0.200	0.200	-0.0001
0.300	0.300	0.0000

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0003
0.040	0.041	-0.0006
0.100	0.100	0.0005
0.200	0.200	-0.0001
0.300	0.300	0.0000

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0003
0.040	0.041	-0.0006
0.100	0.100	0.0005
0.200	0.200	-0.0001
0.300	0.300	0.0000

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0003
0.040	0.041	-0.0006
0.100	0.100	0.0005
0.200	0.200	-0.0001
0.300	0.300	0.0000

Optical Calibration 2  
 SN: 80-007433  
 Agency: Broward County SO  
 Date: 7/23/2021 8/2/2021  
 Quadratic Fit: +/- 0.002g/210L  
 By: DERR

Solution Stats Quadratic Fit Chan 1  
 Solution Stats Quadratic Fit Chan 2

Dry Gas H2O Adjust Results  
 Barometric Pressure = 1017  
 3 um H2O Adjust (mg/l x 10,000) = 1099  
 5 um H2O Adjust (mg/l x 10,000) = 591  
 AUTO CAL PRESS



Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-007433	Broward County Sheriff's Office	8/2/2021	DERR <i>[Signature]</i>

0.05g/210L	0.08g/210L	0.20g/210L	0.077 to 0.083	0.077 to 0.083
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time
BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007433 08/02/2021 Software: 8100.27			BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007433 08/02/2021 Software: 8100.27			BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007433 08/02/2021 Software: 8100.27		
Air Blank	0.000	06:49	Air Blank	0.000	06:53	Air Blank	0.000	06:53
Control Test	0.047	06:49	Control Test	0.192	06:59	Control Test	0.193	06:54
Air Blank	0.000	06:50	Air Blank	0.000	07:00	Air Blank	0.000	06:55
Control Test	0.047	06:51	Control Test	0.193	07:00	Control Test	0.193	06:55
Air Blank	0.000	06:51	Air Blank	0.000	07:01	Air Blank	0.000	06:56
Control Test	0.047	06:52	Control Test	0.194	07:02	Control Test	0.194	06:57
Air Blank	0.000	06:52	Air Blank	0.000	07:02	Air Blank	0.000	06:57
Control Test Stats			Control Test Stats			Control Test Stats		
Average	0.0470		Average	0.1930		Average	0.1930	
Std Dev	0.0000		Std Dev	0.0010		Std Dev	0.0010	
Rel. Std Dev(%)	0.0000		Rel. Std Dev(%)	0.5181		Rel. Std Dev(%)	0.5181	
Operator's Signature <i>[Signature]</i>			Operator's Signature <i>[Signature]</i>			Operator's Signature <i>[Signature]</i>		





Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-007433	Broward County Sheriff's Office	8/2/2021	DERR <i>[Signature]</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
<p><b>0.047 to 0.053</b> <input checked="" type="checkbox"/></p> <p>BROWARD COUNTY SO Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-007433 08/02/2021 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>08:55</td></tr> <tr><td>Control Test</td><td>0.048</td><td>08:56</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>08:57</td></tr> <tr><td>Control Test</td><td>0.047</td><td>08:57</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>08:58</td></tr> <tr><td>Control Test</td><td>0.048</td><td>08:59</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>08:59</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0477</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>1.2112</td><td></td></tr> </tbody> </table> <p>Operator's Signature <i>[Signature]</i></p>	Test	g/210L	Time	Air Blank	0.000	08:55	Control Test	0.048	08:56	Air Blank	0.000	08:57	Control Test	0.047	08:57	Air Blank	0.000	08:58	Control Test	0.048	08:59	Air Blank	0.000	08:59	Control Test Stats			Average	0.0477		Std Dev	0.0006		Rel Std Dev(%)	1.2112		<p><b>0.077 to 0.083</b> <input checked="" type="checkbox"/></p> <p>BROWARD COUNTY SO Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-007433 08/02/2021 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>09:00</td></tr> <tr><td>Control Test</td><td>0.078</td><td>09:01</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>09:01</td></tr> <tr><td>Control Test</td><td>0.078</td><td>09:02</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>09:03</td></tr> <tr><td>Control Test</td><td>0.078</td><td>09:03</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>09:04</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0780</td><td></td></tr> <tr><td>Std Dev</td><td>0.0000</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr> </tbody> </table> <p>Operator's Signature <i>[Signature]</i></p>	Test	g/210L	Time	Air Blank	0.000	09:00	Control Test	0.078	09:01	Air Blank	0.000	09:01	Control Test	0.078	09:02	Air Blank	0.000	09:03	Control Test	0.078	09:03	Air Blank	0.000	09:04	Control Test Stats			Average	0.0780		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<p><b>0.194 to 0.206</b> <input checked="" type="checkbox"/></p> <p>BROWARD COUNTY SO Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-007433 08/02/2021 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>09:05</td></tr> <tr><td>Control Test</td><td>0.193</td><td>09:05</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>09:06</td></tr> <tr><td>Control Test</td><td>0.193</td><td>09:07</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>09:08</td></tr> <tr><td>Control Test</td><td>0.193</td><td>09:08</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>09:08</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.1930</td><td></td></tr> <tr><td>Std Dev</td><td>0.0000</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr> </tbody> </table> <p>Operator's Signature <i>[Signature]</i></p>	Test	g/210L	Time	Air Blank	0.000	09:05	Control Test	0.193	09:05	Air Blank	0.000	09:06	Control Test	0.193	09:07	Air Blank	0.000	09:08	Control Test	0.193	09:08	Air Blank	0.000	09:08	Control Test Stats			Average	0.1930		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<p><b>0.077 to 0.083</b> <input checked="" type="checkbox"/></p> <p>BROWARD COUNTY SO Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-007433 08/02/2021 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>09:10</td></tr> <tr><td>Control Test</td><td>0.080</td><td>09:10</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>09:11</td></tr> <tr><td>Control Test</td><td>0.079</td><td>09:11</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>09:11</td></tr> <tr><td>Control Test</td><td>0.079</td><td>09:12</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>09:12</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0793</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7277</td><td></td></tr> </tbody> </table> <p>Operator's Signature <i>[Signature]</i></p>	Test	g/210L	Time	Air Blank	0.000	09:10	Control Test	0.080	09:10	Air Blank	0.000	09:11	Control Test	0.079	09:11	Air Blank	0.000	09:11	Control Test	0.079	09:12	Air Blank	0.000	09:12	Control Test Stats			Average	0.0793		Std Dev	0.0006		Rel Std Dev(%)	0.7277	
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Control Test	0.078	09:02																																																																																																																																																	
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Control Test	0.078	09:03																																																																																																																																																	
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Control Test	0.193	09:05																																																																																																																																																	
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Control Test	0.193	09:07																																																																																																																																																	
Air Blank	0.000	09:08																																																																																																																																																	
Control Test	0.193	09:08																																																																																																																																																	
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INSTRUMENT PROCESSING SHEET

Agency Broward County Sheriff's Office S/N 80-007433

Florida Department of Law Enforcement Date In 12/18/2020 DI Completion Date 01/05/2021 Ship P/U H/D CMI EE

Intake, Quality Checks, Flow Calibration, Maintenance, Temperature Checks, Calibration Adjustment, Department Inspection, Attachments, Notes/Suggested Service, Tech Review / Date, Admin Review / Date



Florida Department of Law Enforcement  
 Alcohol Testing Program  
 4700 Terminal Drive, Suite 1  
 Ft. Myers, FL 33907

# Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-007433, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007433</u>	UNCERTAINTY* ±	
Owning Agency:	<u>BROWARD COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>01/05/2021</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>03:19</u>	0.200 g/ 210 L	0.007
		0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.

Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration.

\*Uncertainty is based on fleet-wide data and is expressed to a 99.73% level of confidence (k=3).

The instrument results before and after any adjustment are found in the associated pre and post stability checks.

## TRACEABILITY INFORMATION

This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards. This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

AS

01/05/2021

*David E Reyes-Rivera*

Date

DAVID E REYES-RIVERA,

Department Inspector

FDLE/ATP Form 69 April 2020  
 Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1

2021.01.08  
 08:11:50  
 -05'00"





NS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-007433	Broward County Sheriff's Office	01/05/2021	DERR

0.05g/210L	0.08g/210L	0.20g/210L	0.08g/210L																																																																																																																																																
<p><b>0.047 to 0.053</b> <input checked="" type="checkbox"/></p> <p>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model: 8000 01/05/2021 SN 80-007433 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>01:11</td></tr> <tr><td>Control Test</td><td>0.048</td><td>01:11</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>01:12</td></tr> <tr><td>Control Test</td><td>0.047</td><td>01:13</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>01:13</td></tr> <tr><td>Control Test</td><td>0.047</td><td>01:14</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>01:14</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0473</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>1.2198</td><td></td></tr> </tbody> </table>	Test	g/210L	Time	Air Blank	0.000	01:11	Control Test	0.048	01:11	Air Blank	0.000	01:12	Control Test	0.047	01:13	Air Blank	0.000	01:13	Control Test	0.047	01:14	Air Blank	0.000	01:14	Control Test Stats			Average	0.0473		Std Dev	0.0006		Rel Std Dev(%)	1.2198		<p><b>0.077 to 0.083</b> <input checked="" type="checkbox"/></p> <p>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model: 8000 01/05/2021 SN 80-007433 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>01:16</td></tr> <tr><td>Control Test</td><td>0.078</td><td>01:16</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>01:17</td></tr> <tr><td>Control Test</td><td>0.078</td><td>01:18</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>01:18</td></tr> <tr><td>Control Test</td><td>0.078</td><td>01:19</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>01:20</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0780</td><td></td></tr> <tr><td>Std Dev</td><td>0.0000</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr> </tbody> </table>	Test	g/210L	Time	Air Blank	0.000	01:16	Control Test	0.078	01:16	Air Blank	0.000	01:17	Control Test	0.078	01:18	Air Blank	0.000	01:18	Control Test	0.078	01:19	Air Blank	0.000	01:20	Control Test Stats			Average	0.0780		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<p><b>0.194 to 0.206</b> <input checked="" type="checkbox"/></p> <p>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model: 8000 01/05/2021 SN 80-007433 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>01:21</td></tr> <tr><td>Control Test</td><td>0.197</td><td>01:21</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>01:22</td></tr> <tr><td>Control Test</td><td>0.198</td><td>01:23</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>01:23</td></tr> <tr><td>Control Test</td><td>0.197</td><td>01:24</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>01:24</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.1973</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.2926</td><td></td></tr> </tbody> </table>	Test	g/210L	Time	Air Blank	0.000	01:21	Control Test	0.197	01:21	Air Blank	0.000	01:22	Control Test	0.198	01:23	Air Blank	0.000	01:23	Control Test	0.197	01:24	Air Blank	0.000	01:24	Control Test Stats			Average	0.1973		Std Dev	0.0006		Rel Std Dev(%)	0.2926		<p><b>0.077 to 0.083</b> <input checked="" type="checkbox"/></p> <p>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model: 8000 01/05/2021 SN 80-007433 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>01:26</td></tr> <tr><td>Control Test</td><td>0.080</td><td>01:26</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>01:27</td></tr> <tr><td>Control Test</td><td>0.079</td><td>01:27</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>01:27</td></tr> <tr><td>Control Test</td><td>0.079</td><td>01:28</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>01:28</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0793</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7277</td><td></td></tr> </tbody> </table>	Test	g/210L	Time	Air Blank	0.000	01:26	Control Test	0.080	01:26	Air Blank	0.000	01:27	Control Test	0.079	01:27	Air Blank	0.000	01:27	Control Test	0.079	01:28	Air Blank	0.000	01:28	Control Test Stats			Average	0.0793		Std Dev	0.0006		Rel Std Dev(%)	0.7277	
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# FDLE REQUEST FOR REGISTRATION

Florida Department of  
Law Enforcement

MAKE AND MODEL OF INSTRUMENT: Intoxilyzer 8000

SERIAL NUMBER: 80-007433

OWNING AGENCY: Broward County Sheriff's Office

DATE OF DEPARTMENT INSPECTION: 01/05/2021

AGENCY INSPECTOR: Joshua Sapp

ADDRESS: 200 NW 27ST AVE

CITY, STATE, ZIP: Ft. Lauderdale, FL 33311

TELEPHONE NUMBER: (954) 321-4849

FAX NUMBER: \_\_\_\_\_

EMAIL ADDRESS (if available):

Joshua\_Sapp@sheriff.org

**For Program Office Use Only:**



Registration Issued



Instrument Added to Evidentiary Instrument Database



Instrument Added to Monthly Statistics Database



Contact Information Added to Instrument Database

**Return Material Authorization**

**Ship to:**  CMI, Inc.

Enforcement Electronics

Shipment to repair facility authorized by: Anaya Frazier \_\_\_\_\_ on 11/8/2021

Items Returned: Instrument  Supplies  Other  Describe: \_\_\_\_\_

Instrument Model: Intoxilyzer 8000 Serial Number: 80-007433

Bill To Address:

Broward County Sheriff's Office

200 NW 27TH AVE DUI BAT UNIT FT.  
LAUDERDALE, FL 33311

Ship to Address:

FDLE FMROC

4700 Terminal Drive Suite 1

Ft. Myers, FL 33907

**Reason for Return:**

Instrument does not advance from the red power light. Instrument returned from  
CMI Early August.

**Please choose one of the following options:**

1. I \_\_\_\_\_, authorize all repairs.

2. I \_\_\_\_\_, authorize repairs up to \$\_\_\_\_\_.

3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Anaya Frazier \_\_\_\_\_

Phone #: 954 321-4849 \_\_\_\_\_ Email: Brittany\_Armstrong@sheriff.org \_\_\_\_\_

ATP Contact Name: David Reyes ATP Email: davidreyes@fdle.state.fl.us