

Stability Checks

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																																																																																																																																										
MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 08/25/2023 Software: 8100.27 SN 80-000879 Test g/210L Time <table border="1"> <tr><td>Air Blank</td><td>0.000</td><td>11:21</td></tr> <tr><td>Control Test</td><td>0.048</td><td>11:22</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:23</td></tr> <tr><td>Control Test</td><td>0.048</td><td>11:23</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:24</td></tr> <tr><td>Control Test</td><td>0.048</td><td>11:24</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:25</td></tr> <tr><td>Control Test</td><td>0.048</td><td>11:25</td></tr> <tr><td>Average</td><td>0.0480</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> </table> Operator's Signature _____	Air Blank	0.000	11:21	Control Test	0.048	11:22	Air Blank	0.000	11:23	Control Test	0.048	11:23	Air Blank	0.000	11:24	Control Test	0.048	11:24	Air Blank	0.000	11:25	Control Test	0.048	11:25	Average	0.0480		Std Dev	0.0000		Rel Std Dev(%)	0.0000		MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 08/25/2023 Software: 8100.27 SN 80-000879 Test g/210L Time <table border="1"> <tr><td>Air Blank</td><td>0.000</td><td>11:34</td></tr> <tr><td>Control Test</td><td>0.077</td><td>11:34</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:35</td></tr> <tr><td>Control Test</td><td>0.077</td><td>11:35</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:36</td></tr> <tr><td>Control Test</td><td>0.076</td><td>11:37</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:37</td></tr> <tr><td>Control Test</td><td>0.0767</td><td></td></tr> <tr><td>Average</td><td>0.0767</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7531</td><td></td></tr> </table> Operator's Signature _____	Air Blank	0.000	11:34	Control Test	0.077	11:34	Air Blank	0.000	11:35	Control Test	0.077	11:35	Air Blank	0.000	11:36	Control Test	0.076	11:37	Air Blank	0.000	11:37	Control Test	0.0767		Average	0.0767		Std Dev	0.0006		Rel Std Dev(%)	0.7531		MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 08/25/2023 Software: 8100.27 SN 80-000879 Test g/210L Time <table border="1"> <tr><td>Air Blank</td><td>0.000</td><td>11:45</td></tr> <tr><td>Control Test</td><td>0.198</td><td>11:46</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:46</td></tr> <tr><td>Control Test</td><td>0.198</td><td>11:47</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:47</td></tr> <tr><td>Control Test</td><td>0.198</td><td>11:48</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:48</td></tr> <tr><td>Control Test</td><td>0.1980</td><td></td></tr> <tr><td>Average</td><td>0.1980</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> </table> Operator's Signature _____	Air Blank	0.000	11:45	Control Test	0.198	11:46	Air Blank	0.000	11:46	Control Test	0.198	11:47	Air Blank	0.000	11:47	Control Test	0.198	11:48	Air Blank	0.000	11:48	Control Test	0.1980		Average	0.1980		Std Dev	0.0000		Rel Std Dev(%)	0.0000		MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 08/25/2023 Software: 8100.27 SN 80-000879 Test g/210L Time <table border="1"> <tr><td>Air Blank</td><td>0.000</td><td>11:49</td></tr> <tr><td>Control Test</td><td>0.081</td><td>11:50</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:50</td></tr> <tr><td>Control Test</td><td>0.081</td><td>11:50</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:51</td></tr> <tr><td>Control Test</td><td>0.081</td><td>11:51</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:51</td></tr> <tr><td>Control Test</td><td>0.081</td><td>11:52</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:52</td></tr> <tr><td>Control Test</td><td>0.0810</td><td></td></tr> <tr><td>Average</td><td>0.0810</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> </table> Operator's Signature _____	Air Blank	0.000	11:49	Control Test	0.081	11:50	Air Blank	0.000	11:50	Control Test	0.081	11:50	Air Blank	0.000	11:51	Control Test	0.081	11:51	Air Blank	0.000	11:51	Control Test	0.081	11:52	Air Blank	0.000	11:52	Control Test	0.0810		Average	0.0810		Std Dev	0.0000		Rel Std Dev(%)	0.0000	
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Rel Std Dev(%)	0.0000																																																																																																																																												

***** AUTO CAL DATA *****

***** CHANNEL 1 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.167
Std Dev = 0.02 Rel Std Dev = 9.72
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.890
Std Dev = 0.100 Rel Std Dev = 0.49
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 2.003
Std Dev = 0.02 Rel Std Dev = 0.90
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.780
Std Dev = 0.02 Rel Std Dev = 0.51
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.515
Std Dev = 0.02 Rel Std Dev = 0.27
Zero Order Coef = -411.09
First Order Coef = 2548.43
Second Order Coef = 21.11
Standard Deviation = 19.435465

***** CHANNEL 2 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.131
Std Dev = 0.01 Rel Std Dev = 5.51
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.527
Std Dev = 0.01 Rel Std Dev = 0.82
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.589
Std Dev = 0.01 Rel Std Dev = 0.35
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.869
Std Dev = 0.02 Rel Std Dev = 0.22
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.973
Std Dev = 0.02 Rel Std Dev = 0.19
Zero Order Coef = -166.32
First Order Coef = 1330.13
Second Order Coef = 11.89
Standard Deviation = 8.565223

***** CHANNEL 1 *****
Sol Value = 0.000 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12838, 9um Io = 13357
***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.1690 (-0.0270)
Sample #2 = 0.1640 (0.0360)
Sample #3 = 0.1530 (0.0670)
Sample #4 = 0.1850 (0.0720)
Avg % Abs = 0.1673 (0.0590)
STD DEV = 0.0163 (0.0184)
REL STD DEV = 9.716 (31.115)

***** CHANNEL 2 *****
Sol Value = 0.000 g/210L ***
Fit Value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12792, 9um Io = 13371
***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.9810 (-0.0100)
Sample #2 = 2.0170 (-0.0080)
Sample #3 = 2.0100 (-0.0010)
Sample #4 = 1.9830 (0.0430)
Avg % Abs = 2.0033 (0.0113)
STD DEV = 0.0180 (0.0276)
REL STD DEV = 0.896 (243.940)

Optical Calibration	
SN:	80-000879
Agency:	Miami Beach PD
Date:	09/08/2023
Quadratic Fit:	+/- 0.002g/210L ✓
By:	TDG ML

***** CHANNEL 2 *****
Sol Value = 0.000 g/210L ***
Fit Value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12792, 9um Io = 13371
***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.5300 (-0.0060)
Sample #2 = 1.5410 (-0.0050)
Sample #3 = 1.5170 (0.0150)
Sample #4 = 1.5230 (0.0230)
Avg % Abs = 1.5270 (0.0110)
STD DEV = 0.0125 (0.0144)
REL STD DEV = 0.818 (131.111)

***** CHANNEL 1 *****
Sol Value = 0.000 g/210L ***
Fit Value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12838, 9um Io = 13357
***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.9810 (-0.0100)
Sample #2 = 2.0170 (-0.0080)
Sample #3 = 2.0100 (-0.0010)
Sample #4 = 1.9830 (0.0430)
Avg % Abs = 2.0033 (0.0113)
STD DEV = 0.0180 (0.0276)
REL STD DEV = 0.896 (243.940)

***** CHANNEL 2 *****
Sol Value = 0.000 g/210L ***
Fit Value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12792, 9um Io = 13371
***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 3.5780 (-0.0040)
Sample #2 = 3.6010 (-0.0120)
Sample #3 = 3.5910 (-0.0150)
Sample #4 = 3.5760 (0.0130)
Avg % Abs = 3.5893 (-0.0047)
STD DEV = 0.0126 (0.0154)
REL STD DEV = 0.351 (329.424)

***** CHANNEL 1 *****
Sol Value = 0.000 g/210L ***
Fit Value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12838, 9um Io = 13357
***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.1690 (-0.0270)
Sample #2 = 0.1640 (0.0360)
Sample #3 = 0.1530 (0.0670)
Sample #4 = 0.1850 (0.0720)
Avg % Abs = 0.1673 (0.0590)
STD DEV = 0.0163 (0.0184)
REL STD DEV = 9.716 (31.115)

***** CHANNEL 2 *****
Sol Value = 0.000 g/210L ***
Fit Value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12792, 9um Io = 13371
***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 3.8170 (-0.0230)
Sample #2 = 3.7970 (-0.0030)
Sample #3 = 3.7590 (0.0430)
Sample #4 = 3.7830 (0.0510)
Avg % Abs = 3.7797 (0.0303)
STD DEV = 0.0192 (0.0291)
REL STD DEV = 0.508 (96.077)

M19M1 BECH PD
Intoxilyzer - Alcohol Analyzer
Model 8000
09/09/2023
SN 80-000879
09:26:27

Auto Calibration
Max Power Res Value = 15
Auto Range Res Value = 7

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0002
0.040 0.040 0.0003
0.100 0.100 0.0000
0.200 0.200 -0.0002
0.300 0.300 0.0001

Sol Value = 0.000 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1 *****
Sample #1 = 2971.00
Sample #2 = 2974.00
Sample #3 = 2966.00
Sample #4 = 2881.00
Average Result = 2940.3333
REL STD DEV = 1.753

***** CHANNEL 2 *****
Sample #1 = 3434.00
Sample #2 = 3415.00
Sample #3 = 3412.00
Sample #4 = 3404.00
Average Result = 3410.3333
STD DEV = 5.6862
REL STD DEV = 0.167

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1015
3 um H2O Adjust (mg/l*10,000) = 869
9 um H2O Adjust (mg/l*10,000) = 399
***** AUTO CAL PASS

Post-Cal Stability Checks

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
MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 09/08/2023 Software: 8100.27 SN 80-000879	MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 09/08/2023 Software: 8100.27 SN 80-000879	MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 09/08/2023 Software: 8100.27 SN 80-000879	MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 09/08/2023 Software: 8100.27 SN 80-000879
Test g/210L Time Air Blank 0.000 10:32 Control Test 0.049 10:32 Air Blank 0.000 10:33 Control Test 0.048 10:34 Air Blank 0.000 10:34 Control Test 0.048 10:35 Air Blank 0.000 10:35 Control Test Stats Average 0.0483 Std Dev 0.0006 Rel Std Dev(%) 1.1945	Test g/210L Time Air Blank 0.000 10:40 Control Test 0.077 10:41 Air Blank 0.000 10:41 Control Test 0.078 10:42 Air Blank 0.000 10:42 Control Test 0.078 10:43 Air Blank 0.000 10:44 Control Test Stats Average 0.0777 Std Dev 0.0006 Rel Std Dev(%) 0.7434	Test g/210L Time Air Blank 0.000 10:59 Control Test 0.199 11:00 Air Blank 0.000 11:01 Control Test 0.199 11:01 Air Blank 0.000 11:02 Control Test 0.199 11:02 Air Blank 0.000 11:03 Control Test Stats Average 0.1990 Std Dev 0.0000 Rel Std Dev(%) 0.0000	Test g/210L Time Air Blank 0.000 11:05 Control Test 0.079 11:05 Air Blank 0.000 11:06 Control Test 0.078 11:06 Air Blank 0.000 11:06 Control Test 0.079 11:07 Air Blank 0.000 11:07 Control Test Stats Average 0.0787 Std Dev 0.0006 Rel Std Dev(%) 0.7339
Operator's Signature 	Operator's Signature 	Operator's Signature 	Operator's Signature 

065

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MIAMI BEACH PD
Time of Inspection: 14:58

Date of Inspection: 09/08/2023

Serial Number: 80-000879
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG223802 Exp: 08/26/2024
0.000	0.048	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.048	0.077	0.199	0.079
0.000	0.048	0.078	0.200	0.079
0.000	0.048	0.078	0.199	0.078
0.000	0.048	0.077	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.048	0.078	0.200	0.079
0.000	0.049	0.078	0.200	0.078
0.000	0.049	0.078	0.199	0.079

Standard Deviations	0.0005	0.0004	0.0004	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

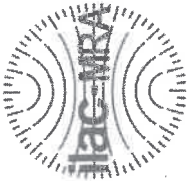
Remarks:

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.

 TAYLOR D GUTSCHOW
Signature and Printed Name

09/08/2023
Date



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 80-000879, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000879</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>MIAMI BEACH PD</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>09/08/2023</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>14:58</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. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the use 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.

09/08/2023

Date

Taylor D Gutschow
TAYLOR D GUTSCHOW,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality