

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001266	Palm Bay PD	03/08/2023	TDG MK

0.05g/210L 0.047 to 0.053	0.08g/210L 0.077 to 0.083	0.20g/210L 0.194 to 0.206	DGS 0.08g/210L 0.077 to 0.083	≤0.003 of Wet																																																																																																																																																
<p>PALM BAY P.D. Intoxilyzer - Alcohol Analyzer Model: 8000 SN 80-001266 03/08/2023 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>12:00</td></tr> <tr><td>Control Test</td><td>0.048</td><td>12:01</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>12:01</td></tr> <tr><td>Control Test</td><td>0.047</td><td>12:02</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>12:03</td></tr> <tr><td>Control Test</td><td>0.048</td><td>12:03</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>12:04</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>MG</i></p>	Test	g/210L	Time	Air Blank	0.000	12:00	Control Test	0.048	12:01	Air Blank	0.000	12:01	Control Test	0.047	12:02	Air Blank	0.000	12:03	Control Test	0.048	12:03	Air Blank	0.000	12:04	Control Test Stats			Average	0.0477		Std Dev	0.0006		Rel Std Dev(%)	1.2112		<p>PALM BAY P.D. Intoxilyzer - Alcohol Analyzer Model: 8000 SN 80-001266 03/08/2023 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>12:09</td></tr> <tr><td>Control Test</td><td>0.078</td><td>12:10</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>12:10</td></tr> <tr><td>Control Test</td><td>0.077</td><td>12:11</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>12:12</td></tr> <tr><td>Control Test</td><td>0.076</td><td>12:12</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>12:13</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0763</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7564</td><td></td></tr> </tbody> </table> <p>Operator's Signature: <i>MG</i></p>	Test	g/210L	Time	Air Blank	0.000	12:09	Control Test	0.078	12:10	Air Blank	0.000	12:10	Control Test	0.077	12:11	Air Blank	0.000	12:12	Control Test	0.076	12:12	Air Blank	0.000	12:13	Control Test Stats			Average	0.0763		Std Dev	0.0006		Rel Std Dev(%)	0.7564		<p>PALM BAY P.D. Intoxilyzer - Alcohol Analyzer Model: 8000 SN 80-001266 03/08/2023 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>12:17</td></tr> <tr><td>Control Test</td><td>0.198</td><td>12:17</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>12:18</td></tr> <tr><td>Control Test</td><td>0.197</td><td>12:19</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>12:19</td></tr> <tr><td>Control Test</td><td>0.197</td><td>12:20</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>12:20</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> <p>Operator's Signature: <i>MG</i></p>	Test	g/210L	Time	Air Blank	0.000	12:17	Control Test	0.198	12:17	Air Blank	0.000	12:18	Control Test	0.197	12:19	Air Blank	0.000	12:19	Control Test	0.197	12:20	Air Blank	0.000	12:20	Control Test Stats			Average	0.1973		Std Dev	0.0006		Rel Std Dev(%)	0.2926		<p>PALM BAY P.D. Intoxilyzer - Alcohol Analyzer Model: 8000 SN 80-001266 03/08/2023 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>12:22</td></tr> <tr><td>Control Test</td><td>0.078</td><td>12:23</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>12:23</td></tr> <tr><td>Control Test</td><td>0.078</td><td>12:23</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>12:24</td></tr> <tr><td>Control Test</td><td>0.078</td><td>12:24</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>12:25</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>MG</i></p>	Test	g/210L	Time	Air Blank	0.000	12:22	Control Test	0.078	12:23	Air Blank	0.000	12:23	Control Test	0.078	12:23	Air Blank	0.000	12:24	Control Test	0.078	12:24	Air Blank	0.000	12:25	Control Test Stats			Average	0.0780		Std Dev	0.0000		Rel Std Dev(%)	0.0000		
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Comments: Instrument will receive an optical cal adjust.

PALM BAY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001266
 03/08/2023 12:26:53

Auto Calibration
 Max Power Res Value = 52
 Auto Range Res Value = 30

Sol Value = 0.000 g/210L ***
 Fit value = 0.0000 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12728, Sum Io = 13580

Channel 1 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.1720 (-0.0080)
 Sample #2 = 0.1430 (0.0450)
 Sample #3 = 0.1430 (0.0760)
 Sample #4 = 0.1400 (0.1000)
 Avg % Abs = 0.1420 (0.0737)
 STD DEV = 0.0017 (0.0276)
 REL STD DEV = 1.220 (37.431)

Channel 2 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.1140 (0.0030)
 Sample #2 = 0.1120 (0.0000)
 Sample #3 = 0.1400 (-0.0040)
 Sample #4 = 0.1190 (0.0050)
 Avg % Abs = 0.1237 (0.0007)
 STD DEV = 0.0146 (0.0050)
 REL STD DEV = 11.783 (754.984)

Sol Value = 0.040 g/210L ***
 Fit value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12713, Sum Io = 13578

Channel 1 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.8420 (-0.0010)
 Sample #2 = 0.8430 (0.0160)
 Sample #3 = 0.8240 (0.0350)
 Sample #4 = 0.8410 (0.0470)
 Avg % Abs = 0.8360 (0.0327)
 STD DEV = 0.0104 (0.0156)
 REL STD DEV = 1.249 (47.850)

Channel 2 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.5810 (-0.0160)
 Sample #2 = 1.5670 (0.0110)
 Sample #3 = 1.5660 (0.0170)
 Sample #4 = 1.5440 (0.0340)
 Avg % Abs = 1.5590 (0.0207)
 STD DEV = 0.0130 (0.0119)
 REL STD DEV = 0.834 (57.728)

Sol Value = 0.100 g/210L ***
 Fit value = 0.4762 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12704, Sum Io = 13571

Channel 1 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.8770 (-0.0100)
 Sample #2 = 1.8920 (0.0120)
 Sample #3 = 1.8770 (0.0120)
 Sample #4 = 1.8880 (0.0160)
 Avg % Abs = 1.8857 (0.0133)
 STD DEV = 0.0078 (0.0023)
 REL STD DEV = 0.412 (17.321)

Channel 2 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.6500 (-0.0110)
 Sample #2 = 3.6350 (0.0190)
 Sample #3 = 3.6470 (0.0000)
 Sample #4 = 3.6340 (0.0200)
 Avg % Abs = 3.6387 (0.0130)
 STD DEV = 0.0072 (0.0113)
 REL STD DEV = 0.199 (86.688)

Sol Value = 0.200 g/210L ***
 Fit value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12699, Sum Io = 13568

Channel 1 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.6090 (-0.0270)
 Sample #2 = 3.6040 (0.0100)
 Sample #3 = 3.5850 (0.0210)
 Sample #4 = 3.5850 (0.0370)
 Avg % Abs = 3.5913 (0.0227)
 STD DEV = 0.0110 (0.0136)
 REL STD DEV = 0.305 (59.898)

Channel 2 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 7.0100 (-0.0090)
 Sample #2 = 7.0000 (0.0300)
 Sample #3 = 6.9800 (0.0360)
 Sample #4 = 6.9500 (0.0530)
 Avg % Abs = 6.9767 (0.0397)
 STD DEV = 0.0252 (0.0119)
 REL STD DEV = 0.361 (30.077)

Sol Value = 0.300 g/210L ***
 Fit value = 1.4286 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12598, Sum Io = 13569

Channel 1 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 5.2650 (-0.0050)
 Sample #2 = 5.2360 (0.0260)
 Sample #3 = 5.2320 (0.0350)
 Sample #4 = 5.2270 (0.0540)
 Avg % Abs = 5.2317 (0.0387)
 STD DEV = 0.0045 (0.0142)
 REL STD DEV = 0.086 (36.696)

Channel 2 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 10.1950 (-0.0090)
 Sample #2 = 10.1270 (0.0720)
 Sample #3 = 10.1410 (0.0580)
 Sample #4 = 10.1270 (0.0670)
 Avg % Abs = 10.1317 (0.0657)
 STD DEV = 0.0081 (0.0071)
 REL STD DEV = 0.080 (10.804)

Optical Calibration	
S/N:	80-00 1266
Agency:	Palm Bay PD
Date:	03/08/2023
Quadratic Fit:	+/- 0.002g/210L ✓
By:	TDG MG

***** AUTO CAL DATA *****
 <<<<< CHANNEL 1 >>>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.142
 Std Dev = 0.00 Rel Std Dev = 1.22
 Sol Val = 0.1905 mg/l or 0.340 g/210L
 % Abs = 0.836
 Std Dev = 0.01 Rel Std Dev = 1.25
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.886
 Std Dev = 0.01 Rel Std Dev = 0.41
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.591
 Std Dev = 0.01 Rel Std Dev = 0.31
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 5.232
 Std Dev = 0.00 Rel Std Dev = 0.09
 Zero Order Coef = -363.45
 First Order Coef = 2667.88
 Second Order Coef = 25.02
 Standard Deviation = 16.014145

<<<<< CHANNEL 2 >>>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.124
 Std Dev = 0.01 Rel Std Dev = 11.78
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.559
 Std Dev = 0.01 Rel Std Dev = 0.83
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.639
 Std Dev = 0.01 Rel Std Dev = 0.20
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.977
 Std Dev = 0.03 Rel Std Dev = 0.36
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 10.132
 Std Dev = 0.01 Rel Std Dev = 0.08
 Zero Order Coef = -161.06
 First Order Coef = 1308.67
 Second Order Coef = 11.54
 Standard Deviation = 5.809603

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0004
0.100	0.100	0.0001
0.200	0.200	-0.0004
0.300	0.300	0.0001

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0000
0.040	0.040	-0.0001
0.100	0.100	0.0002
0.200	0.200	-0.0001
0.300	0.300	0.0001

Sol Value = 0.060 g/210L ***
 Fit value = 0.3610 mg/l %%%
 Samples Taken = 4, Discarded = 1
 ***** CHANNEL 1 *****
 Sample #1 = 2831.00
 Sample #2 = 2856.00
 Sample #3 = 2834.00
 Sample #4 = 2821.00
 Average Result = 2837.0000
 STD DEV = 17.6918
 REL STD DEV = 0.624

***** CHANNEL 2 *****
 Sample #1 = 3435.00
 Sample #2 = 3403.00
 Sample #3 = 3413.00
 Sample #4 = 3410.00
 Average Result = 3408.6667
 STD DEV = 5.1316
 REL STD DEV = 0.151

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1016
 3 um H2O Adjust (mg/l*10,000) = 972
 9 um H2O Adjust (mg/l*10,000) = 401
 **** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-001266	Palm Bay PD	03/08/2023	TDG MG

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Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: PALM BAY P.D.
Time of Inspection: 11:41

Date of Inspection: 04/07/2023

Serial Number: 80-001266
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	0.049	0.079	0.201	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.078	0.200	0.080
0.000	0.050	0.079	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.080
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.201	0.079
0.000	0.050	0.079	0.201	0.079

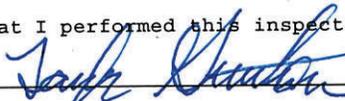
Standard Deviations	0.0005	0.0003	0.0004	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

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

04/07/2023
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 80-001266, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001266</u>	UNCERTAINTY* ±	
Owning Agency:	<u>PALM BAY P.D.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>04/07/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>11:41</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.

04/07/2023

Date

TAYLOR D GUTSCHOW,
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality