

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-006559	Manatee CSO	03/15/2022	TDG MW

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
✓	✓	✓	✓

MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006559 03/15/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:29 Control Test 0.049 11:30 Air Blank 0.000 11:30 Control Test 0.049 11:31 Air Blank 0.000 11:32 Control Test 0.049 11:32 Air Blank 0.000 11:33 Control Test Stats Average 0.0490 Std Dev 0.0000 Rel Std Dev(%) 0.0000	MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006559 03/15/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:52 Control Test 0.079 11:53 Air Blank 0.000 11:53 Control Test 0.078 11:54 Air Blank 0.000 11:54 Control Test 0.079 11:55 Air Blank 0.000 11:56 Control Test Stats Average 0.0787 Std Dev 0.0006 Rel Std Dev(%) 0.7339	MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006559 03/15/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 12:01 Control Test 0.198 12:02 Air Blank 0.000 12:02 Control Test 0.198 12:03 Air Blank 0.000 12:04 Control Test 0.198 12:04 Air Blank 0.000 12:05 Control Test Stats Average 0.1980 Std Dev 0.0000 Rel Std Dev(%) 0.0000	MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006559 03/15/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:34 Control Test 0.081 11:35 Air Blank 0.000 11:35 Control Test 0.080 11:35 Air Blank 0.000 11:36 Control Test 0.081 11:36 Air Blank 0.000 11:37 Control Test Stats Average 0.0807 Std Dev 0.0006 Rel Std Dev(%) 0.7157
MW Operator's Signature	MW Operator's Signature	MW Operator's Signature	MW Operator's Signature

Comments:

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
03/17/2022
SN 80-016559
10:01:08

Sol value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum lo = 12506, Sum lo = 12660

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<<<< CHANNEL 1 >>>>
Sample      (% Abs Ref)
Sample #1 = 1.7930 (-0.0050)
Sample #2 = 1.7770 (0.0300)

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Sample #3 = 1.7970 (0.0180)
Sample #4 = 1.7410 (0.0580)
Avg % Abs = 1.7717 (0.0353)
STD DEV = 0.0284 (0.0205)
REL STD DEV = 1.602 (58.094)

Sample	% Abs	Channel 2	(% Abs Ref)
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	0.00	0.00	0.00
5	0.00	0.00	0.00
6	0.00	0.00	0.00
7	0.00	0.00	0.00
8	0.00	0.00	0.00
9	0.00	0.00	0.00
10	0.00	0.00	0.00
11	0.00	0.00	0.00
12	0.00	0.00	0.00
13	0.00	0.00	0.00
14	0.00	0.00	0.00
15	0.00	0.00	0.00
16	0.00	0.00	0.00
17	0.00	0.00	0.00
18	0.00	0.00	0.00
19	0.00	0.00	0.00
20	0.00	0.00	0.00
21	0.00	0.00	0.00
22	0.00	0.00	0.00
23	0.00	0.00	0.00
24	0.00	0.00	0.00
25	0.00	0.00	0.00
26	0.00	0.00	0.00
27	0.00	0.00	0.00
28	0.00	0.00	0.00
29	0.00	0.00	0.00
30	0.00	0.00	0.00
31	0.00	0.00	0.00
32	0.00	0.00	0.00
33	0.00	0.00	0.00
34	0.00	0.00	0.00
35	0.00	0.00	0.00
36	0.00	0.00	0.00
37	0.00	0.00	0.00
38	0.00	0.00	0.00
39	0.00	0.00	0.00
40	0.00	0.00	0.00
41	0.00	0.00	0.00
42	0.00	0.00	0.00
43	0.00	0.00	0.00
44	0.00	0.00	0.00
45	0.00	0.00	0.00
46	0.00	0.00	0.00
47	0.00	0.00	0.00
48	0.00	0.00	0.00
49	0.00	0.00	0.00
50	0.00	0.00	0.00
51	0.00	0.00	0.00
52	0.00	0.00	0.00
53	0.00	0.00	0.00
54	0.00	0.00	0.00
55	0.00	0.00	0.00
56	0.00	0.00	0.00
57	0.00	0.00	0.00
58	0.00	0.00	0.00
59	0.00	0.00	0.00
60	0.00	0.00	0.00
61	0.00	0.00	0.00
62	0.00	0.00	0.00
63	0.00	0.00	0.00
64	0.00	0.00	0.00
65	0.00	0.00	0.00
66	0.00	0.00	0.00
67	0.00	0.00	0.00
68	0.00	0.00	0.00
69	0.00	0.00	0.00
70	0.00	0.00	0.00
71	0.00	0.00	0.00
72	0.00	0.00	0.00
73	0.00	0.00	0.00
74	0.00	0.00	0.00
75	0.00	0.00	0.00
76	0.00	0.00	0.00
77	0.00	0.00	0.00
78	0.00	0.00	0.00
79	0.00	0.00	0.00
80	0.00	0.00	0.00
81	0.00	0.00	0.00
82	0.00	0.00	0.00
83	0.00	0.00	0.00
84	0.00	0.00	0.00
85	0.00	0.00	0.00
86	0.00	0.00	0.00
87	0.00	0.00	0.00
88	0.00	0.00	0.00
89	0.00	0.00	0.00
90	0.00	0.00	0.00

Sample #1 = 3.4510 (0.0000)
Sample #2 = 3.4510 (0.0160)
Sample #3 = 3.4610 (0.0140)
Sample #4 = 3.4230 (0.0220)
Avg % Abs = 3.4550 (0.0173)
STD DEV = 0.0197 (0.0042)
REL STD DEV = 0.572 (24.019)

501 value = 0.200 g/210L ***
 502 it value = 0.9524 mg/l %%%
 503 Samples Taken = 4, Discarded = 1
 504 sum Io = 12496, sum Io = 12554

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<<<< CHANNEL 1 >>>>
(% Abs Ref)
Sample      % Abs
Sample #1 = 3.5120 (-0.0200)
Sample #2 = 3.4760 (0.0130)
Sample #3 = 3.4850 (0.0040)
Sample #4 = 3.5000 (0.0210)
% Abs % Abs = 3.4870 (0.0127)
D DEU = 0.0121 (0.0085)
L STD DEU = 0.348 (57.144)

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<<<< CHANNEL 2 >>>>
Sample      % Abs
Sample #1 = 6.6100 (-0.0)
Sample #2 = 6.5810 (0.000)
Sample #3 = 6.6130 (0.000)
Sample #4 = 6.6190 (-0.0)
Avg % Abs = 6.6010 (0.0003)
STD DEV = 0.0191 (0.0046)
REL STD DEV = 0.289 (1385.64)

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Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded
Sum lo = 12487, Sum lo = 126
<<<< CHANNEL 1 >>>>
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Sample	% Abs	(% Abs)
Sample #1	= 5.1390	(-0.0000)
Sample #2	= 5.1640	(-0.0000)
Sample #3	= 5.1180	(0.0000)
Sample #4	= 5.1770	(0.0000)
Avg % Abs	= 5.1530	(0.0073)
STD DEV	= 0.0310	(0.0143)
REL STD DEV	= 0.612	(0.9492)

CHINESE CHANNEL

Sample	% Abs	% C
Sample H1 =	9.6040	(-0.0000)
Sample H2 =	9.5990	(-0.0000)
Sample H3 =	9.5790	(0.0000)
Sample H4 =	9.5970	(0.0000)
Avg % Abs =	9.5917	(0.0000)
STD DEV =	0.0110	(0.0020)
REL STD DEV =	0.115	(0.000)

Optical Calib	
SN:	80-00 655
Agency:	Mangate
Date:	03/17/20
Quadratic Fit: +/- 0.0	

BY: IDG JYK

```

***** AUTO CAL DATA *****
<<<< CHANNEL 1 >>>>
Sol Val = 0.0000 mg/l or 0.0000
% ABS = 0.034
Std Dev = 0.00 Rel Std Dev
Sol Val = 0.1905 mg/l or 0.0400
% ABS = 0.729
Std Dev = 0.03 Rel Std Dev
Sol Val = 0.4762 mg/l or 0.1000
% ABS = 1.772
Std Dev = 0.03 Rel Std Dev

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Std Dev = 0.01 Rel Std Dev
Sol val = 1.4266 mg/l or 0.300
% Abs = 5.153
Std Dev = 0.03 Rel Std Dev
Zero Order Coef = -81.74
First Order Coef = 2699.0
Second Order Coef = 17.08
Standard Deviation = 11.2256

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<<<< CHANNEL 2 >>>>
Sol Val = 0.0000 mg/l or 0.00
% Abs = 0.132
Std Dev = 0.01 Rel Std Dev
Sol Val = 0.1905 mg/l or 0.04
% Abs = 1.466
Std Dev = 0.12 Rel Std Dev

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Sol Val = 0.4762 mg/1 or 0.10	
% Abs = 3.445	
Std Dev = 0.02 Rel Std Dev =	
Sol Val = 0.9524 mg/1 or 0.21	
% Abs = 6.601	
Std Dev = 0.02 Rel Std Dev =	
Sol Val = 1.4286 mg/1 or 0.33	
% Abs = 9.592	
Std Dev = 0.01 Rel Std Dev =	
Zero Order Coef = -173.25	
First Order Coef = 1389.91	
Second Order Coef = 12.21	
Standard Deviation = 10.0349	

Solution Stats Quadratic Fit		
Act	Fit	Resid
g/210L	g/210L	g/210L
0.000	0.000	-0.000
0.000	0.000	0.000

-	0.040	0.040	0.0
-	0.100	0.100	0.0
-	0.200	0.200	-0.1
-	0.300	0.300	0.0

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 = 0.080 g/210L ***
Fit value = 0.3810 mg/l %100%
Samples Taken = 4, Discarded = 1
*** CHANNEL 1

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Sample #1 = 3632.00
Sample #2 = 3693.00
Sample #3 = 3684.00
Sample #4 = 3734.00
Average Result = 3700.3333
STD DEV = 29.1605
REL STD DEV = 0.788
*****

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***** CHANNEL 2
Sample #1 = 3383.00
Sample #2 = 3379.00
Sample #3 = 3396.00
Sample #4 = 3407.00
Average Result = 3394.0000
STD DEV = 14.1067
REL STD DEV = 0.416
```

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1018
 3 um H2O Adjust (mg/l * 10,000) = 109
 9 um H2O Adjust (mg/l * 10,000) = 415
 ***** AUTO CAL PASS *****

Optical Calibration	
SN:	80-00 6559
Agency:	Marquette CSD
Date:	03/17/2022
Quadratic Fit: +/- 0.002g/210L ✓	
By:	TDG <i>MD</i>

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-G1)	80-00 6559	Manatee CSO	03/17/2022	TDG ML

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
MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 03/17/2022 Software: 8100.27	MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 03/17/2022 Software: 8100.27	MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 03/17/2022 Software: 8100.27	MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 03/17/2022 Software: 8100.27
Test g/210L Time Air Blank 0.000 11:17 Control Test 0.050 11:16 Air Blank 0.000 11:18 Control Test 0.048 11:19 Air Blank 0.000 11:20 Control Test 0.049 11:20 Air Blank 0.000 11:21 Control Test Stats Average 0.0490 Std Dev 0.0010 Rel Std Dev(%) 2.0408	Test g/210L Time Air Blank 0.000 11:25 Control Test 0.078 11:25 Air Blank 0.000 11:26 Control Test 0.078 11:27 Air Blank 0.000 11:27 Control Test 0.078 11:28 Air Blank 0.000 11:28 Control Test Stats Average 0.0780 Std Dev 0.0000 Rel Std Dev(%) 0.0000	Test g/210L Time Air Blank 0.000 11:34 Control Test 0.198 11:35 Air Blank 0.000 11:35 Control Test 0.198 11:36 Air Blank 0.000 11:36 Control Test 0.198 11:37 Air Blank 0.000 11:38 Control Test Stats Average 0.1980 Std Dev 0.0000 Rel Std Dev(%) 0.0000	Test g/210L Time Air Blank 0.000 11:07 Control Test 0.079 11:07 Air Blank 0.000 11:07 Control Test 0.079 11:08 Air Blank 0.000 11:08 Control Test 0.079 11:09 Air Blank 0.000 11:09 Control Test Stats Average 0.0790 Std Dev 0.0000 Rel Std Dev(%) 0.0000
ML Operator's Signature	ML Operator's Signature	ML Operator's Signature	ML Operator's Signature

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MANATEE COUNTY SO
Time of Inspection: 14:15

Date of Inspection: 03/17/2022

Serial Number: 80-006559
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#:AG115904 Exp: 06/08/2023
0.000	0.049	0.079	0.198	0.080
0.000	0.050	0.079	0.198	0.080
0.000	0.049	0.078	0.198	0.080
0.000	0.049	0.078	0.198	0.080
0.000	0.049	0.079	0.198	0.080
0.000	0.049	0.078	0.198	0.080
0.000	0.049	0.078	0.198	0.079
0.000	0.049	0.078	0.198	0.080
0.000	0.049	0.078	0.198	0.080
0.000	0.049	0.078	0.198	0.080
0.000	0.049	0.078	0.198	0.080

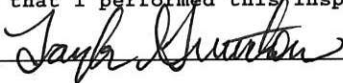
Standard Deviations	0.0003	0.0004	0.0000	0.0003
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

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

03/17/2022
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 80-006559, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006559</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>MANATEE COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>03/17/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:15</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.

03/17/2022

Date

TAYLOR D GUTSCHOW,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality