



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 80-001360, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001360</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>EVERGLADES NAT PARK</u>	0.050 g/ 210 L 0.005
Calibration Date:	<u>06/30/2021</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>11:58</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. 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.

06/30/2021

Date

David E 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: EVERGLADES NAT PARK

Serial Number: 80-001360

Time of Inspection: 11:58

Date of Inspection: 06/30/2021

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	0.049	0.078	0.196	0.080
0.000	0.048	0.079	0.197	0.080
0.000	0.048	0.079	0.197	0.080
0.000	0.049	0.079	0.198	0.079
0.000	0.048	0.079	0.197	0.080
0.000	0.049	0.079	0.197	0.079
0.000	0.049	0.079	0.198	0.079
0.000	0.048	0.079	0.197	0.080
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.079

Standard Deviations	0.0005	0.0003	0.0006	0.0005
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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.

David E Reyes-Rivera

DAVID E REYES-RIVERA

Signature and Printed Name

06/30/2021
Date

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-001360	Everglades National Park	6/30/2021	DERR <i>[Signature]</i>

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 ☒																																																																																																
EVERGLADES NAT PARK Intoxilyzer - Alcohol Analyzer Model 8000 06/30/2021 Software: 8100.27 SN 80-001360 <table><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>10:13</td></tr><tr><td>Control Test</td><td>0.048</td><td>10:14</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:15</td></tr><tr><td>Control Test</td><td>0.048</td><td>10:15</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:16</td></tr><tr><td>Control Test</td><td>0.049</td><td>10:16</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:17</td></tr></tbody></table> Control Test Stats Average 0.0483 Std Dev 0.0006 Rel Std Dev(%) 1.1945	Test	g/210L	Time	Air Blank	0.000	10:13	Control Test	0.048	10:14	Air Blank	0.000	10:15	Control Test	0.048	10:15	Air Blank	0.000	10:16	Control Test	0.049	10:16	Air Blank	0.000	10:17	EVERGLADES NAT PARK Intoxilyzer - Alcohol Analyzer Model 8000 06/30/2021 Software: 8100.27 SN 80-001360 <table><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>10:18</td></tr><tr><td>Control Test</td><td>0.078</td><td>10:18</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:19</td></tr><tr><td>Control Test</td><td>0.079</td><td>10:19</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:20</td></tr><tr><td>Control Test</td><td>0.079</td><td>10:21</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:21</td></tr></tbody></table> Control Test Stats Average 0.0787 Std Dev 0.0006 Rel Std Dev(%) 0.7339	Test	g/210L	Time	Air Blank	0.000	10:18	Control Test	0.078	10:18	Air Blank	0.000	10:19	Control Test	0.079	10:19	Air Blank	0.000	10:20	Control Test	0.079	10:21	Air Blank	0.000	10:21	EVERGLADES NAT PARK Intoxilyzer - Alcohol Analyzer Model 8000 06/30/2021 Software: 8100.27 SN 80-001360 <table><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>10:22</td></tr><tr><td>Control Test</td><td>0.196</td><td>10:23</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:23</td></tr><tr><td>Control Test</td><td>0.197</td><td>10:24</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:25</td></tr><tr><td>Control Test</td><td>0.197</td><td>10:25</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:26</td></tr></tbody></table> Control Test Stats Average 0.1967 Std Dev 0.0006 Rel Std Dev(%) 0.2936	Test	g/210L	Time	Air Blank	0.000	10:22	Control Test	0.196	10:23	Air Blank	0.000	10:23	Control Test	0.197	10:24	Air Blank	0.000	10:25	Control Test	0.197	10:25	Air Blank	0.000	10:26	EVERGLADES NAT PARK Intoxilyzer - Alcohol Analyzer Model 8000 06/30/2021 Software: 8100.27 SN 80-001360 <table><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>10:27</td></tr><tr><td>Control Test</td><td>0.079</td><td>10:27</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:28</td></tr><tr><td>Control Test</td><td>0.079</td><td>10:28</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:29</td></tr><tr><td>Control Test</td><td>0.080</td><td>10:29</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:30</td></tr></tbody></table> Control Test Stats Average 0.0793 Std Dev 0.0006 Rel Std Dev(%) 0.7277	Test	g/210L	Time	Air Blank	0.000	10:27	Control Test	0.079	10:27	Air Blank	0.000	10:28	Control Test	0.079	10:28	Air Blank	0.000	10:29	Control Test	0.080	10:29	Air Blank	0.000	10:30
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 Operator's Signature	 Operator's Signature	 Operator's Signature	 Operator's Signature																																																																																																

EVERGLADES NAT. PARK
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001360
05/30/2011 09:31:11

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Sol Value = 0.100 g210L ***
Profit value = 0.472 ng1 444%
Samples Taken = 4, Discarded = 1
Sum Io = 12559, Sum Io = 13738
<<<< CHANNEL 1 >>>>
Sample      % APS      (% APS Ref)
Sample #1 = 1.8190      (-0.0340)
Sample #2 = 1.8230      (0.0020)
Sample #3 = 1.8490      (-0.0100)
Sample #4 = 1.8330      (-0.0100)
Sample #5 = 1.8250      (-0.0050)

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RGY % RMS = 1.6330 (-0.0000)
STD DEV = 0.0131 (0.0669)
REL STD DEV = 0.715 (115.473)
-----
<<<< CHANNEL 2 >>>>
Sample % RMS (% RMS Ref)
Sample #1 = 3.5090 (-0.0180)
Sample #2 = 3.5240 (0.0050)

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Sample #3 = 3.5500 (-0.0120)
Sample #4 = 3.5030 (-0.0100)
Avg % Abs = 3.5277 (0.0010)
STD DEV = 0.0267 (0.0115)
REL STD DEV = 0.757 (1153.256)

```

Samples Taken = 4, discarded = 1
Sum Io = 12555, Sum Io = 13725
<<<< CHANNEL ! >>>>
Sample      % Abs      (% Abs Ref)
Sample #1 = 3.5290      (-0.0250)
Sample #2 = 3.4950      (-0.0060)
Sample #3 = 3.5210      (0.0070)
Sample #4 = 3.5190      (0.0140)
Avg % Abs = 3.5130      (0.0050)

```

STD DEV = 0.6122 (0.0101)
REL STD DEV = 0.346 (202.978)

Optical Calibration
SN: 80-001360
Agency: Everglades Nat Park
Date: 6/30/2021
Quadratic Fit: +/- 0.002g/210L
By: DERR <i>4/1/0</i>

Sample #	% Abs	(% Abs Ref)
Sample #1	= 0.8090	(-0.8220)
Sample #2	= 0.8220	(-0.0110)
Sample #3	= 0.7850	(0.0360)
Sample #4	= 0.7770	(0.0440)
Avg % Abs	= 0.7960	(0.0130)
STD DEV	= 0.0233	(0.0282)
REL STD DEV	= 2.927	(216.617)

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001360	Everglades National Park	6/30/2021	DERR <i>HLR</i>

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 ☒
EVERGLADES NAT PARK Intoxilyzer - Alcohol Analyzer Model 8000 06/30/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 08:43 Control Test 0.047 08:43 Air Blank 0.000 08:44 Control Test 0.047 08:45 Air Blank 0.000 08:45 Control Test 0.047 08:46 Air Blank 0.000 08:46 Control Test Stats Average 0.0470 Std Dev 0.0000 Rel Std Dev(%) 0.0000	EVERGLADES NAT PARK Intoxilyzer - Alcohol Analyzer Model 8000 06/30/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 08:47 Control Test 0.077 08:48 Air Blank 0.000 08:49 Control Test 0.077 08:49 Air Blank 0.000 08:50 Control Test 0.077 08:51 Air Blank 0.000 08:51 Control Test Stats Average 0.0770 Std Dev 0.0000 Rel Std Dev(%) 0.0000	EVERGLADES NAT PARK Intoxilyzer - Alcohol Analyzer Model 8000 06/30/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 08:52 Control Test 0.193 08:53 Air Blank 0.000 08:53 Control Test 0.194 08:54 Air Blank 0.000 08:55 Control Test 0.195 08:55 Air Blank 0.000 08:56 Control Test Stats Average 0.1940 Std Dev 0.0010 Rel Std Dev(%) 0.5155	EVERGLADES NAT PARK Intoxilyzer - Alcohol Analyzer Model 8000 06/30/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 08:57 Control Test 0.079 08:58 Air Blank 0.000 08:58 Control Test 0.078 08:58 Air Blank 0.000 08:59 Control Test 0.078 08:59 Air Blank 0.000 09:00 Control Test Stats Average 0.0783 Std Dev 0.0006 Rel Std Dev(%) 0.7370
<i>HLR</i> Operator's Signature	<i>HLR</i> Operator's Signature	<i>HLR</i> Operator's Signature	<i>HLR</i> Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: EVERGLADES NAT PARK

Time of Inspection: 08:23

Date of Inspection: 06/30/2021

Serial Number: 80-001360

Software: 8100.27

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

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

Number of Simulators Used: _____

Remarks:

COMPLIANCE NOT DETERMINED, AI NOT CONDUCTED.

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

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

David E Reyes-Rivera

DAVID E REYES-RIVERA

Signature and Printed Name

06/30/2021
Date