



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 80-001122, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001122</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FHP TROOP E MIAMI</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>05/24/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>12:33</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.

FDLE/ATP Form 69 December 2021
Issuing Authority: Alcohol Testing Program

05/24/2022

Date


DAVID E REYES-RIVERA,

Department Inspector

Service • Integrity • Respect • Quality

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP E MIAMI
Time of Inspection: 12:33

Date of Inspection: 05/24/2022

Serial Number: 80-001122
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	0.078	0.198	0.077 / 0.077
0.000	0.048	0.078	0.198	0.077 / 0.077
0.000	0.048	0.079	0.198	0.076 / 0.077
0.000	0.049	0.078	0.199	0.076 / 0.077
0.000	0.049	0.079	0.198	0.076 / 0.077
0.000	0.049	0.078	0.198	0.075 / 0.076
0.000	0.049	0.078	0.198	0.076 / 0.076
0.000	0.049	0.078	0.198	INT / 0.076
0.000	0.049	0.079	0.198	/ 0.077
0.000	0.049	0.078	0.198	/ 0.076

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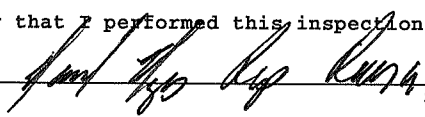
Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

08: Interferent DetectUNKNOWN SOURCE.

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

DAVID E REYES-RIVERA

05/24/2022
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001122	Florida Highway Patrol Troop E	5/24/2022	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 ☒																																																																																																																																																
FHP TROOP E MIAMI Intoxilyzer - Alcohol Analyzer Model 8000 05/24/2022 Software: 8100.27 SN 80-001122 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>09:54</td></tr><tr><td>Control Test</td><td>0.050</td><td>09:55</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:55</td></tr><tr><td>Control Test</td><td>0.049</td><td>09:56</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:57</td></tr><tr><td>Control Test</td><td>0.049</td><td>09:57</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:58</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0493</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>1.1703</td><td></td></tr></table> <i>[Signature]</i> Operator's Signature	Test	g/210L	Time	Air Blank	0.000	09:54	Control Test	0.050	09:55	Air Blank	0.000	09:55	Control Test	0.049	09:56	Air Blank	0.000	09:57	Control Test	0.049	09:57	Air Blank	0.000	09:58	Control Test Stats			Average	0.0493		Std Dev	0.0006		Rel Std Dev(%)	1.1703		FHP TROOP E MIAMI Intoxilyzer - Alcohol Analyzer Model 8000 05/24/2022 Software: 8100.27 SN 80-001122 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>09:59</td></tr><tr><td>Control Test</td><td>0.079</td><td>10:00</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:01</td></tr><tr><td>Control Test</td><td>0.078</td><td>10:01</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:02</td></tr><tr><td>Control Test</td><td>0.079</td><td>10:03</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:03</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0787</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7339</td><td></td></tr></table> <i>[Signature]</i> Operator's Signature	Test	g/210L	Time	Air Blank	0.000	09:59	Control Test	0.079	10:00	Air Blank	0.000	10:01	Control Test	0.078	10:01	Air Blank	0.000	10:02	Control Test	0.079	10:03	Air Blank	0.000	10:03	Control Test Stats			Average	0.0787		Std Dev	0.0006		Rel Std Dev(%)	0.7339		FHP TROOP E MIAMI Intoxilyzer - Alcohol Analyzer Model 8000 05/24/2022 Software: 8100.27 SN 80-001122 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>10:04</td></tr><tr><td>Control Test</td><td>0.198</td><td>10:05</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:05</td></tr><tr><td>Control Test</td><td>0.198</td><td>10:06</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:07</td></tr><tr><td>Control Test</td><td>0.198</td><td>10:07</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:08</td></tr><tr><td>Control Test Stats</td><td></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> <i>[Signature]</i> Operator's Signature	Test	g/210L	Time	Air Blank	0.000	10:04	Control Test	0.198	10:05	Air Blank	0.000	10:05	Control Test	0.198	10:06	Air Blank	0.000	10:07	Control Test	0.198	10:07	Air Blank	0.000	10:08	Control Test Stats			Average	0.1980		Std Dev	0.0000		Rel Std Dev(%)	0.0000		FHP TROOP E MIAMI Intoxilyzer - Alcohol Analyzer Model 8000 05/24/2022 Software: 8100.27 SN 80-001122 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>10:09</td></tr><tr><td>Control Test</td><td>0.077</td><td>10:09</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:10</td></tr><tr><td>Control Test</td><td>0.077</td><td>10:10</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:11</td></tr><tr><td>Control Test</td><td>0.077</td><td>10:11</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:12</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0770</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> <i>[Signature]</i> Operator's Signature	Test	g/210L	Time	Air Blank	0.000	10:09	Control Test	0.077	10:09	Air Blank	0.000	10:10	Control Test	0.077	10:10	Air Blank	0.000	10:11	Control Test	0.077	10:11	Air Blank	0.000	10:12	Control Test Stats			Average	0.0770		Std Dev	0.0000		Rel Std Dev(%)	0.0000	
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