

Flow Cal Adjust

MG

BROWARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006924
03/14/2024
Software: 8100.27

Flow Rate Calibration*****
1: Rate (Liters/min) = 5 ✓
 SQRT(Diff)) = 5.195
2: Rate (Liters/min) = 15
 SQRT(Diff)) = 10.344
3: Rate (Liters/min) = 30
 SQRT(Diff)) = 20.023
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 652
Rounded Intercept = -311081
Correlation = 0.99822

Stability Checks

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																																																																																																																																				
BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006924 03/14/2024 Software: 8100.27 Test g/210L Time <table border="1"> <tr><td>Air Blank</td><td>0.000</td><td>15:11</td></tr> <tr><td>Control Test</td><td>0.051</td><td>15:11</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>15:12</td></tr> <tr><td>Control Test</td><td>0.049</td><td>15:13</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>15:13</td></tr> <tr><td>Control Test</td><td>0.050</td><td>15:14</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>15:14</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0500</td><td></td></tr> <tr><td>Std Dev</td><td>0.0010</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>2.0000</td><td></td></tr> </table>	Air Blank	0.000	15:11	Control Test	0.051	15:11	Air Blank	0.000	15:12	Control Test	0.049	15:13	Air Blank	0.000	15:13	Control Test	0.050	15:14	Air Blank	0.000	15:14	Control Test Stats			Average	0.0500		Std Dev	0.0010		Rel Std Dev(%)	2.0000		BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006924 03/14/2024 Software: 8100.27 Test g/210L Time <table border="1"> <tr><td>Air Blank</td><td>0.000</td><td>15:17</td></tr> <tr><td>Control Test</td><td>0.079</td><td>15:17</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>15:18</td></tr> <tr><td>Control Test</td><td>0.079</td><td>15:19</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>15:19</td></tr> <tr><td>Control Test</td><td>0.078</td><td>15:20</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>15:20</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>	Air Blank	0.000	15:17	Control Test	0.079	15:17	Air Blank	0.000	15:18	Control Test	0.079	15:19	Air Blank	0.000	15:19	Control Test	0.078	15:20	Air Blank	0.000	15:20	Control Test Stats			Average	0.0787		Std Dev	0.0006		Rel Std Dev(%)	0.7339		BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006924 03/14/2024 Software: 8100.27 Test g/210L Time <table border="1"> <tr><td>Air Blank</td><td>0.000</td><td>15:22</td></tr> <tr><td>Control Test</td><td>0.197</td><td>15:23</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>15:24</td></tr> <tr><td>Control Test</td><td>0.195</td><td>15:24</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>15:25</td></tr> <tr><td>Control Test</td><td>0.195</td><td>15:26</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>15:26</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.1957</td><td></td></tr> <tr><td>Std Dev</td><td>0.0012</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.5901</td><td></td></tr> </table>	Air Blank	0.000	15:22	Control Test	0.197	15:23	Air Blank	0.000	15:24	Control Test	0.195	15:24	Air Blank	0.000	15:25	Control Test	0.195	15:26	Air Blank	0.000	15:26	Control Test Stats			Average	0.1957		Std Dev	0.0012		Rel Std Dev(%)	0.5901		BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006924 03/14/2024 Software: 8100.27 Test g/210L Time <table border="1"> <tr><td>Air Blank</td><td>0.000</td><td>15:06</td></tr> <tr><td>Control Test</td><td>0.080</td><td>15:06</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>15:06</td></tr> <tr><td>Control Test</td><td>0.079</td><td>15:07</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>15:07</td></tr> <tr><td>Control Test</td><td>0.080</td><td>15:08</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>15:08</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0797</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7247</td><td></td></tr> </table>	Air Blank	0.000	15:06	Control Test	0.080	15:06	Air Blank	0.000	15:06	Control Test	0.079	15:07	Air Blank	0.000	15:07	Control Test	0.080	15:08	Air Blank	0.000	15:08	Control Test Stats			Average	0.0797		Std Dev	0.0006		Rel Std Dev(%)	0.7247	
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Florida Department of Law Enforcement

Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BROWARD COUNTY SO
Time of Inspection: 12:55

Date of Inspection: 03/15/2024

Serial Number: 80-006924
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#:202303K Exp: 03/29/2025	0.08g/210L Test (g/210L) Lot#:202303L Exp: 03/29/2025	0.20g/210L Test (g/210L) Lot#:202304C Exp: 04/05/2025	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:01923080A3 Exp: 02/05/2025
0.000	0.050	0.081	0.200	0.080
0.000	0.050	0.080	0.199	0.080
0.000	0.050	0.080	0.198	0.080
0.000	0.050	0.079	0.199	0.080
0.000	0.050	0.080	0.198	0.080
0.000	0.050	0.079	0.197	0.080
0.000	0.050	0.079	0.198	0.079
0.000	0.050	0.079	0.198	0.080
0.000	0.049	0.079	0.198	0.080
0.000	0.050	0.080	0.198	0.080

Standard Deviations	0.0003	0.0006	0.0008	0.0003
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 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

03/15/2024
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 80-006924, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006924</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>BROWARD COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>03/15/2024</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>12:55</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.

03/15/2024

Date



TAYLOR D GUTSCHOW,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Return Material Authorization

Ship to: ☒ CMI, Inc.
☐ Enforcement Electronics

Shipment to repair facility authorized by: Anaya Frazier on 03/14/2024

Items Returned: Instrument ☒ Supplies ☐ Other ☐ Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-006924

Bill To Address:

Broward County Sheriff's Office

Attn: Anaya Frazier

Ship to Address:

Florida Department of Law Enforcement

Fort Myers Regional Operations Center

Attn: Alcohol Testing Program

4700 Terminal Drive, Suite 1

Fort Myers, FL 33907

Reason for Return:

The R-value is near 100.

Please choose one of the following options:

- ☐ 1. I _____, authorize all repairs.
- ☐ 2. I _____, authorize repairs up to \$_____.
- ☒ 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Anaya Frazier

Phone #: 305-218-6752

Email: Anaya_Frazier@sheriff.org

ATP Contact Name: Taylor Gutschow

ATP Email: TaylorGutschow@fdle.state.fl.us