



Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-005550, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-005550</u>	UNCERTAINTY* ±
Owning Agency:	<u>MIAMI DADE PD</u>	0.050 g/ 210 L
Calibration Date:	<u>06/23/2021</u>	0.080 g/ 210 L
Calibration Time:	<u>09:21</u>	0.200 g/ 210 L
		0.080 g/ 210 L Dry Gas Control
		0.005
		0.004
		0.007
		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.

06/23/2021

Date

DAVID EREYES-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: MIAMI DADE PD
Time of Inspection: 09:21

Date of Inspection: 06/23/2021

Serial Number: 80-005550
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	0.080	0.198	0.080
0.000	0.049	0.080	0.199	0.080
0.000	0.049	0.079	0.200	0.079
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.080	0.200	0.079
0.000	0.051	0.080	0.201	0.080
0.000	0.050	0.081	0.200	0.080

Standard Deviations	0.0006	0.0004	0.0007	0.0004
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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.

David E Reyes-Rivera DAVID E REYES-RIVERA
Signature and Printed Name

06/23/2021
Date

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities 3	80-005550	Miami-Dade Police Department	6/23/2021	DERR <i>JML</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
<p>0.047 to 0.053 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 06/23/2021 Software: 8100.27</p> <p>SN 80-005550</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>07:34</td></tr> <tr><td>Control Test</td><td>0.048</td><td>07:34</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:35</td></tr> <tr><td>Control Test</td><td>0.049</td><td>07:36</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:36</td></tr> <tr><td>Control Test</td><td>0.049</td><td>07:37</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:37</td></tr> <tr><td>Control Test</td><td>0.047</td><td></td></tr> <tr><td>Average</td><td>0.0006</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel. Std Dev(%)</td><td>1.1663</td><td></td></tr> </tbody> </table>	Test	g/210L	Time	Air Blank	0.000	07:34	Control Test	0.048	07:34	Air Blank	0.000	07:35	Control Test	0.049	07:36	Air Blank	0.000	07:36	Control Test	0.049	07:37	Air Blank	0.000	07:37	Control Test	0.047		Average	0.0006		Std Dev	0.0006		Rel. Std Dev(%)	1.1663		<p>0.077 to 0.083 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 06/23/2021 Software: 8100.27</p> <p>SN 80-005550</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>07:39</td></tr> <tr><td>Control Test</td><td>0.079</td><td>07:40</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:40</td></tr> <tr><td>Control Test</td><td>0.079</td><td>07:41</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:41</td></tr> <tr><td>Control Test</td><td>0.079</td><td>07:42</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:43</td></tr> <tr><td>Control Test</td><td>0.000</td><td></td></tr> <tr><td>Average</td><td>0.0790</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>	Test	g/210L	Time	Air Blank	0.000	07:39	Control Test	0.079	07:40	Air Blank	0.000	07:40	Control Test	0.079	07:41	Air Blank	0.000	07:41	Control Test	0.079	07:42	Air Blank	0.000	07:43	Control Test	0.000		Average	0.0790		Std Dev	0.0000		Rel. Std Dev(%)	0.0000		<p>0.194 to 0.206 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 06/23/2021 Software: 8100.27</p> <p>SN 80-005550</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>07:46</td></tr> <tr><td>Control Test</td><td>0.197</td><td>07:47</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:48</td></tr> <tr><td>Control Test</td><td>0.198</td><td>07:48</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:49</td></tr> <tr><td>Control Test</td><td>0.199</td><td>07:49</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:50</td></tr> <tr><td>Control Test</td><td>0.000</td><td></td></tr> <tr><td>Average</td><td>0.1980</td><td></td></tr> <tr><td>Std Dev</td><td>0.0010</td><td></td></tr> <tr><td>Rel. Std Dev(%)</td><td>0.5051</td><td></td></tr> </tbody> </table>	Test	g/210L	Time	Air Blank	0.000	07:46	Control Test	0.197	07:47	Air Blank	0.000	07:48	Control Test	0.198	07:48	Air Blank	0.000	07:49	Control Test	0.199	07:49	Air Blank	0.000	07:50	Control Test	0.000		Average	0.1980		Std Dev	0.0010		Rel. Std Dev(%)	0.5051		<p>0.077 to 0.083 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 06/23/2021 Software: 8100.27</p> <p>SN 80-005550</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>07:51</td></tr> <tr><td>Control Test</td><td>0.080</td><td>07:52</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:52</td></tr> <tr><td>Control Test</td><td>0.080</td><td>07:53</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:53</td></tr> <tr><td>Control Test</td><td>0.080</td><td>07:53</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:54</td></tr> <tr><td>Control Test</td><td>0.000</td><td></td></tr> <tr><td>Average</td><td>0.0800</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>	Test	g/210L	Time	Air Blank	0.000	07:51	Control Test	0.080	07:52	Air Blank	0.000	07:52	Control Test	0.080	07:53	Air Blank	0.000	07:53	Control Test	0.080	07:53	Air Blank	0.000	07:54	Control Test	0.000		Average	0.0800		Std Dev	0.0000		Rel. Std Dev(%)	0.0000	
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Solution Stats Quadratic Fit Chan 2 :
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.000 -0.0005
 0.040 0.040 0.0003
 0.100 0.099 0.0008
 0.200 0.201 -0.0010
 0.300 0.300 0.0004

**** AUTO CAL DATA ****
 <<<< CHANNEL 1 >>>>
 Sol Val = 0.000 mg/l or 0.000 g/210L
 % Abs = 0.045
 Std Dev = 0.04 Rel Std Dev = 0.44
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.733
 Std Dev = 0.01 Rel Std Dev = 0.95
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.785
 Std Dev = 0.05 Rel Std Dev = 2.59
 Sol Val = 0.9224 mg/l or 0.200 g/210L
 % Abs = 3.487
 Std Dev = 0.01 Rel Std Dev = 0.31
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 5.103
 Std Dev = 0.02 Rel Std Dev = 0.40
 Zero Order Coef = -94.67
 First Order Coef = 2661.05
 Second Order Coef = 39.35
 Standard Deviation = 26.527685

**** CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 6.7389 (0.0040)
 Sample #2 = 6.6610 (0.0560)
 Sample #3 = 6.6310 (0.1190)
 Sample #4 = 6.6680 (0.1120)
 Avg % Abs = 6.6533 (0.1050)
 STD DEV = 0.0197 (0.0118)
 REL STD DEV = 0.295 (0.816)

**** CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 5.1350 (0.0030)
 Sample #2 = 5.1210 (0.0668)
 Sample #3 = 5.0810 (0.0900)
 Sample #4 = 5.1060 (0.1010)
 Avg % Abs = 5.1027 (0.0557)
 STD DEV = 0.1202 (0.8179)
 REL STD DEV = 0.396 (20.692)

**** CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.5210 (0.0090)
 Sample #2 = 3.4670 (0.0508)
 Sample #3 = 3.4340 (0.0830)
 Sample #4 = 3.4310 (0.1010)
 Avg % Abs = 3.4440 (0.0807)
 STD DEV = 0.0200 (0.0216)
 REL STD DEV = 0.560 (26.770)

Sol Value = 0.960 g/210L ***
 Fit Value = 0.3610 mg/l ****
 Samples Taken = 4, Discarded = 1
 **** CHANNEL 1
 Sample #1 = 3365.00
 Sample #2 = 3362.00
 Sample #3 = 3402.00
 Sample #4 = 3364.00
 Average Result = 3362.6667
 STD DEV = 20.0333
 REL STD DEV = 0.592
 **** CHANNEL 2
 Sample #1 = 3271.00
 Sample #2 = 3273.00
 Sample #3 = 3273.00
 Sample #4 = 3268.00
 Average Result = 3271.3333
 STD DEV = 2.8868
 REL STD DEV = 0.088

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1016
 3 um H2O Adjust (mg/l*10,000) = 427
 9 um H2O Adjust (mg/l*10,000) = 558
 **** AUTO CAL PASS

**** CHANNEL 2 >>>>
 Sol Val = 0.000 mg/l or 0.000 g/210L
 % Abs = 0.110
 Std Dev = 0.02 Rel Std Dev = 20.56
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.462
 Std Dev = 0.01 Rel Std Dev = 0.63
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.444
 Std Dev = 0.02 Rel Std Dev = 0.58
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.653
 Std Dev = 0.02 Rel Std Dev = 0.30
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 9.584
 Std Dev = 0.01 Rel Std Dev = 0.12
 Zero Order Coef = -126.99
 First Order Coef = 1356.98
 Second Order Coef = 15.12
 Standard Deviation = 33.835358

**** CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 9.7240 (0.0040)
 Sample #2 = 9.5940 (0.1540)
 Sample #3 = 9.5710 (0.1620)
 Sample #4 = 9.5870 (0.1630)
 Avg % Abs = 9.5846 (0.1597)
 STD DEV = 0.0118 (0.0049)
 REL STD DEV = 0.123 (3.689)

**** CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.8190 (0.0100)
 Sample #2 = 1.8360 (0.0340)
 Sample #3 = 1.7590 (0.0970)
 Sample #4 = 1.7570 (0.1150)
 Avg % Abs = 1.7847 (0.0920)
 STD DEV = 0.0462 (0.0425)
 REL STD DEV = 2.586 (51.869)

**** CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.1250 (0.0170)
 Sample #2 = 0.1330 (0.0150)
 Sample #3 = 0.1090 (0.0310)
 Sample #4 = 0.0870 (0.0560)
 Avg % Abs = 0.1057 (0.0347)
 STD DEV = 0.0230 (0.0217)
 REL STD DEV = 20.979 (62.652)

Sol Value = 0.940 g/210L ***
 Fit Value = 0.1905 mg/l ****
 Samples Taken = 4, Discarded = 1
 **** CHANNEL 1
 Sample #1 = 0.7990 (0.0040)
 Sample #2 = 0.7370 (0.0560)
 Sample #3 = 0.7250 (0.0760)
 Sample #4 = 0.7370 (0.0960)
 Avg % Abs = 0.7370 (0.0760)
 STD DEV = 0.0169 (0.0200)
 REL STD DEV = 0.945 (26.316)

Sol Value = 0.200 g/210L ***
 Fit Value = 0.5524 mg/l ****
 Samples Taken = 4, Discarded = 1
 **** CHANNEL 1
 Sample #1 = 3.5410 (0.0080)
 Sample #2 = 3.4740 (0.0700)
 Sample #3 = 3.4930 (0.0740)
 Sample #4 = 3.4930 (0.1000)
 Avg % Abs = 3.4867 (0.0813)
 STD DEV = 0.0110 (0.0163)
 REL STD DEV = 0.315 (20.028)

Sol Value = 0.040 g/210L ***
 Fit Value = 0.1905 mg/l ****
 Samples Taken = 4, Discarded = 1
 **** CHANNEL 1
 Sample #1 = 0.7990 (0.0040)
 Sample #2 = 0.7370 (0.0560)
 Sample #3 = 0.7250 (0.0760)
 Sample #4 = 0.7370 (0.0960)
 Avg % Abs = 0.7370 (0.0760)
 STD DEV = 0.0169 (0.0200)
 REL STD DEV = 0.945 (26.316)

Sol Value = 0.200 g/210L ***
 Fit Value = 0.5524 mg/l ****
 Samples Taken = 4, Discarded = 1
 **** CHANNEL 1
 Sample #1 = 3.5410 (0.0080)
 Sample #2 = 3.4740 (0.0700)
 Sample #3 = 3.4930 (0.0740)
 Sample #4 = 3.4930 (0.1000)
 Avg % Abs = 3.4867 (0.0813)
 STD DEV = 0.0110 (0.0163)
 REL STD DEV = 0.315 (20.028)

Sol Value = 0.940 g/210L ***
 Fit Value = 0.1905 mg/l ****
 Samples Taken = 4, Discarded = 1
 **** CHANNEL 1
 Sample #1 = 0.7990 (0.0040)
 Sample #2 = 0.7370 (0.0560)
 Sample #3 = 0.7250 (0.0760)
 Sample #4 = 0.7370 (0.0960)
 Avg % Abs = 0.7370 (0.0760)
 STD DEV = 0.0169 (0.0200)
 REL STD DEV = 0.945 (26.316)

**** CHANNEL 2 >>>>
 Sol Val = 0.000 mg/l or 0.000 g/210L
 % Abs = 0.001
 Std Dev = 0.001
 Sol Val = 0.040 mg/l or 0.004 g/210L
 % Abs = 0.039
 Std Dev = 0.100
 Sol Val = 0.100 mg/l or 0.010 g/210L
 % Abs = 0.201
 Std Dev = 0.201
 Sol Val = 0.200 mg/l or 0.020 g/210L
 % Abs = 0.300
 Std Dev = 0.300

**** CHANNEL 2 >>>>
 Sol Val = 0.000 mg/l or 0.000 g/210L
 % Abs = 0.001
 Std Dev = 0.001
 Sol Val = 0.040 mg/l or 0.004 g/210L
 % Abs = 0.039
 Std Dev = 0.100
 Sol Val = 0.100 mg/l or 0.010 g/210L
 % Abs = 0.201
 Std Dev = 0.201
 Sol Val = 0.200 mg/l or 0.020 g/210L
 % Abs = 0.300
 Std Dev = 0.300

**** CHANNEL 2 >>>>
 Sol Val = 0.000 mg/l or 0.000 g/210L
 % Abs = 0.001
 Std Dev = 0.001
 Sol Val = 0.040 mg/l or 0.004 g/210L
 % Abs = 0.039
 Std Dev = 0.100
 Sol Val = 0.100 mg/l or 0.010 g/210L
 % Abs = 0.201
 Std Dev = 0.201
 Sol Val = 0.200 mg/l or 0.020 g/210L
 % Abs = 0.300
 Std Dev = 0.300

**** CHANNEL 2 >>>>
 Sol Val = 0.000 mg/l or 0.000 g/210L
 % Abs = 0.001
 Std Dev = 0.001
 Sol Val = 0.040 mg/l or 0.004 g/210L
 % Abs = 0.039
 Std Dev = 0.100
 Sol Val = 0.100 mg/l or 0.010 g/210L
 % Abs = 0.201
 Std Dev = 0.201
 Sol Val = 0.200 mg/l or 0.020 g/210L
 % Abs = 0.300
 Std Dev = 0.300

**** CHANNEL 2 >>>>
 Sol Val = 0.000 mg/l or 0.000 g/210L
 % Abs = 0.001
 Std Dev = 0.001
 Sol Val = 0.040 mg/l or 0.004 g/210L
 % Abs = 0.039
 Std Dev = 0.100
 Sol Val = 0.100 mg/l or 0.010 g/210L
 % Abs = 0.201
 Std Dev = 0.201
 Sol Val = 0.200 mg/l or 0.020 g/210L
 % Abs = 0.300
 Std Dev = 0.300

Solution Stats Quadratic Fit Chan 1 :
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.001 -0.0005
 0.040 0.039 0.0007
 0.100 0.100 0.0002
 0.200 0.201 -0.0005
 0.300 0.300 0.0002

Solution Stats Quadratic Fit Chan 1 :
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.001 -0.0005
 0.040 0.039 0.0007
 0.100 0.100 0.0002
 0.200 0.201 -0.0005
 0.300 0.300 0.0002

Solution Stats Quadratic Fit Chan 1 :
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.001 -0.0005
 0.040 0.039 0.0007
 0.100 0.100 0.0002
 0.200 0.201 -0.0005
 0.300 0.300 0.0002

Solution Stats Quadratic Fit Chan 1 :
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.001 -0.0005
 0.040 0.039 0.0007
 0.100 0.100 0.0002
 0.200 0.201 -0.0005
 0.300 0.300 0.0002

Solution Stats Quadratic Fit Chan 1 :
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.001 -0.0005
 0.040 0.039 0.0007
 0.100 0.100 0.0002
 0.200 0.201 -0.0005
 0.300 0.300 0.0002

Optical Calibration 3	
SN:	80-005550
Agency:	Miami-Dade PD
Date:	6/23/2021
Quadratic Fit:	+/- 0.002g/210L
By:	DERR <i>ALL</i>

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-005550	Miami-Dade Police Department	6/17/2021	DERR

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

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
06/17/2021
Software: 8100.27

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
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MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
06/17/2021
Software: 8100.27

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
06/17/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:31
Control Test	0.045	14:32
Air Blank	0.000	14:33
Control Test	0.045	14:33
Air Blank	0.000	14:34
Control Test	0.046	14:34
Air Blank	0.000	14:35
Control Test Status		
Average	0.047	
Std Dev	0.0006	
Rel. Std Dev(%)	1.2643	

Test	g/210L	Time
Air Blank	0.000	14:46
Control Test	0.079	14:47
Air Blank	0.000	14:47
Control Test	0.078	14:48
Air Blank	0.000	14:48
Control Test	0.078	14:49
Air Blank	0.000	14:50
Control Test Status		
Average	0.0763	
Std Dev	0.0005	
Rel. Std Dev(%)	0.7370	

Test	g/210L	Time
Air Blank	0.000	15:01
Control Test	0.185	15:02
Air Blank	0.000	15:02
Control Test	0.186	15:03
Air Blank	0.000	15:03
Control Test	0.185	15:04
Air Blank	0.000	15:05
Control Test Status		
Average	0.1853	
Std Dev	0.0006	
Rel. Std Dev(%)	0.3115	

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
06/17/2021
Software: 8100.27

AKL
Operator's Signature

AKL
Operator's Signature

AKL
Operator's Signature

AKL
Operator's Signature

***** AUTO CAL DATA *****

<<<<< CHANNEL 1 >>>>>

Sol Value = 0.000 mg/L of 0.000 g/210L
% ABS = 0.044
Std Dev = 0.02 Rel Std Dev = 32.45
Sol Val = 0.195 mg/L of 0.200 g/210L
% ABS = 0.729
Std Dev = 0.01 Rel Std Dev = 1.64
Sol Val = 0.478 mg/L of 0.100 g/210L
% ABS = 1.794
Std Dev = 0.02 Rel Std Dev = 0.89
Sol Val = 0.952 mg/L of 0.200 g/210L
% ABS = 3.504
Std Dev = 0.03 Rel Std Dev = 0.79
Sol Val = 1.426 mg/L of 0.300 g/210L
% ABS = 5.085
Std Dev = 0.02 Rel Std Dev = 0.44
Zero Order Coef = -71.68
First Order Coef = 2606.52
Second Order Coef = 41.81
Standard Deviation = 45.832754

<<<<< CHANNEL 2 >>>>>

Sol Value = 0.000 mg/L of 0.000 g/210L
% ABS = 0.044
Std Dev = 0.02 Rel Std Dev = 32.45
Sol Val = 0.195 mg/L of 0.200 g/210L
% ABS = 0.729
Std Dev = 0.01 Rel Std Dev = 1.64
Sol Val = 0.478 mg/L of 0.100 g/210L
% ABS = 1.794
Std Dev = 0.02 Rel Std Dev = 0.89
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Std Dev = 0.02 Rel Std Dev = 0.44
Zero Order Coef = -71.68
First Order Coef = 2606.52
Second Order Coef = 41.81
Standard Deviation = 45.832754

<<<<< CHANNEL 2 >>>>>

Sol Value = 0.000 mg/L of 0.000 g/210L
% ABS = 0.117
Std Dev = 0.01 Rel Std Dev = 6.87
Sol Val = 0.195 mg/L of 0.200 g/210L
% ABS = 1.473
Std Dev = 0.02 Rel Std Dev = 1.06
Sol Val = 0.478 mg/L of 0.100 g/210L
% ABS = 3.464
Std Dev = 0.01 Rel Std Dev = 0.20
Sol Val = 0.952 mg/L of 0.200 g/210L
% ABS = 6.682
Std Dev = 0.01 Rel Std Dev = 0.10
Sol Val = 1.426 mg/L of 0.300 g/210L
% ABS = 9.579
Std Dev = 0.02 Rel Std Dev = 0.21
Zero Order Coef = -129.21
First Order Coef = 1343.67
Second Order Coef = 16.87
Standard Deviation = 42.44664

<<<<< CHANNEL 2 >>>>>

Sol Value = 0.000 mg/L of 0.000 g/210L
% ABS = 0.117
Std Dev = 0.01 Rel Std Dev = 6.87
Sol Val = 0.195 mg/L of 0.200 g/210L
% ABS = 1.473
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Sol Val = 0.478 mg/L of 0.100 g/210L
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% ABS = 6.682
Std Dev = 0.01 Rel Std Dev = 0.10
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% ABS = 9.579
Std Dev = 0.02 Rel Std Dev = 0.21
Zero Order Coef = -129.21
First Order Coef = 1343.67
Second Order Coef = 16.87
Standard Deviation = 42.44664

Optical Calibration 2

SN:	80-005550
Agency:	Miami-Dade PD
Date:	6/17/2021
Quadratic Fit:	+/- 0.002g/210L
BY:	DERR <i>[Signature]</i>

<<<<< CHANNEL 1 >>>>>

Sol Value = 0.000 mg/L of 0.000 g/210L
% ABS = 0.044
Std Dev = 0.02 Rel Std Dev = 32.45
Sol Val = 0.195 mg/L of 0.200 g/210L
% ABS = 0.729
Std Dev = 0.01 Rel Std Dev = 1.64
Sol Val = 0.478 mg/L of 0.100 g/210L
% ABS = 1.794
Std Dev = 0.02 Rel Std Dev = 0.89
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% ABS = 3.504
Std Dev = 0.03 Rel Std Dev = 0.79
Sol Val = 1.426 mg/L of 0.300 g/210L
% ABS = 5.085
Std Dev = 0.02 Rel Std Dev = 0.44
Zero Order Coef = -71.68
First Order Coef = 2606.52
Second Order Coef = 41.81
Standard Deviation = 45.832754

<<<<< CHANNEL 1 >>>>>

Sol Value = 0.000 mg/L of 0.000 g/210L
% ABS = 0.117
Std Dev = 0.01 Rel Std Dev = 6.87
Sol Val = 0.195 mg/L of 0.200 g/210L
% ABS = 1.473
Std Dev = 0.02 Rel Std Dev = 1.06
Sol Val = 0.478 mg/L of 0.100 g/210L
% ABS = 3.464
Std Dev = 0.01 Rel Std Dev = 0.20
Sol Val = 0.952 mg/L of 0.200 g/210L
% ABS = 6.682
Std Dev = 0.01 Rel Std Dev = 0.10
Sol Val = 1.426 mg/L of 0.300 g/210L
% ABS = 9.579
Std Dev = 0.02 Rel Std Dev = 0.21
Zero Order Coef = -129.21
First Order Coef = 1343.67
Second Order Coef = 16.87
Standard Deviation = 42.44664

<<<<< CHANNEL 1 >>>>>

Sol Value = 0.000 mg/L of 0.000 g/210L
% ABS = 0.117
Std Dev = 0.01 Rel Std Dev = 6.87
Sol Val = 0.195 mg/L of 0.200 g/210L
% ABS = 1.473
Std Dev = 0.02 Rel Std Dev = 1.06
Sol Val = 0.478 mg/L of 0.100 g/210L
% ABS = 3.464
Std Dev = 0.01 Rel Std Dev = 0.20
Sol Val = 0.952 mg/L of 0.200 g/210L
% ABS = 6.682
Std Dev = 0.01 Rel Std Dev = 0.10
Sol Val = 1.426 mg/L of 0.300 g/210L
% ABS = 9.579
Std Dev = 0.02 Rel Std Dev = 0.21
Zero Order Coef = -129.21
First Order Coef = 1343.67
Second Order Coef = 16.87
Standard Deviation = 42.44664

<<<<< CHANNEL 2 >>>>>

Sample % ABS (% Abs Ref)
Sample #1 = 1.4750 (-0.1140)
Sample #2 = 1.4790 (-0.0390)
Sample #3 = 1.4750 (-0.0240)
Sample #4 = 1.4850 (-0.0250)
Avg % ABS = 1.4790 (-0.0255)
STD DEV = 0.0153 (-0.0055)
REL STD DEV = 1.078 (28.994)

<<<<< CHANNEL 2 >>>>>

Sol Value = 0.100 g/210L REF
Fit Value = 0.4782 mg/L 44%
Samples Taken = 4, Discarded = 1
Sum to = 12757, Sum to = 13499
Zero Order Coef = -71.68
First Order Coef = 2606.52
Second Order Coef = 41.81
Standard Deviation = 45.832754

<<<<< CHANNEL 2 >>>>>

Sample % ABS (% Abs Ref)
Sample #1 = 1.8340 (0.0000)
Sample #2 = 1.8040 (0.0450)
Sample #3 = 1.8030 (0.0460)
Sample #4 = 1.7760 (0.0730)
Avg % ABS = 1.7943 (0.0547)
STD DEV = 0.0155 (0.0155)
REL STD DEV = 0.865 (29.058)

<<<<< CHANNEL 2 >>>>>

Sample % ABS (% Abs Ref)
Sample #1 = 3.2110 (0.0000)
Sample #2 = 3.4570 (0.0540)
Sample #3 = 3.4710 (0.0570)
Sample #4 = 3.4540 (0.0740)
Avg % ABS = 3.4480 (0.0617)
STD DEV = 0.0070 (0.0106)
REL STD DEV = 0.202 (17.490)

<<<<< CHANNEL 2 >>>>>

Sol Value = 0.200 g/210L REF
Fit Value = 0.9524 mg/L 44%
Samples Taken = 4, Discarded = 1
Sum to = 12752, Sum to = 13494
Zero Order Coef = -71.68
First Order Coef = 2606.52
Second Order Coef = 41.81
Standard Deviation = 45.832754

<<<<< CHANNEL 1 >>>>>

Sample % ABS (% Abs Ref)
Sample #1 = 3.5320 (0.0000)
Sample #2 = 3.4730 (0.0470)
Sample #3 = 3.5140 (0.0390)
Sample #4 = 3.5260 (0.0280)
Avg % ABS = 3.5043 (0.0350)
STD DEV = 0.0278 (0.0104)
REL STD DEV = 0.793 (23.829)

<<<<< CHANNEL 2 >>>>>

Sample % ABS (% Abs Ref)
Sample #1 = 1.1120 (0.0000)
Sample #2 = 0.1160 (-0.0080)
Sample #3 = 0.1250 (0.0050)
Sample #4 = 0.1090 (0.0060)
Avg % ABS = 0.1167 (0.0010)
STD DEV = 0.0080 (0.0078)
REL STD DEV = 6.875 (781.025)

<<<<< CHANNEL 2 >>>>>

Sol Value = 0.000 g/210L REF
Fit Value = 0.1952 mg/L 44%
Samples Taken = 4, Discarded = 1
Sum to = 12752, Sum to = 13551
Zero Order Coef = -71.68
First Order Coef = 2606.52
Second Order Coef = 41.81
Standard Deviation = 45.832754

<<<<< CHANNEL 2 >>>>>

Sample % ABS (% Abs Ref)
Sample #1 = 0.2270 (-0.0150)
Sample #2 = 0.1650 (-0.0200)
Sample #3 = 0.1820 (0.0000)
Sample #4 = 0.1620 (0.0000)
Avg % ABS = 0.1943 (0.0003)
STD DEV = 0.0232 (0.0205)
REL STD DEV = 52.432 (5150.499)

<<<<< CHANNEL 2 >>>>>

Sample % ABS (% Abs Ref)
Sample #1 = 1.1120 (0.0000)
Sample #2 = 0.1160 (-0.0080)
Sample #3 = 0.1250 (0.0050)
Sample #4 = 0.1090 (0.0060)
Avg % ABS = 0.1167 (0.0010)
STD DEV = 0.0080 (0.0078)
REL STD DEV = 6.875 (781.025)

<<<<< CHANNEL 2 >>>>>

Sol Value = 0.000 g/210L REF
Fit Value = 0.1952 mg/L 44%
Samples Taken = 4, Discarded = 1
Sum to = 12759, Sum to = 13498
Zero Order Coef = -71.68
First Order Coef = 2606.52
Second Order Coef = 41.81
Standard Deviation = 45.832754

<<<<< CHANNEL 1 >>>>>

Sample % ABS (% Abs Ref)
Sample #1 = 0.7310 (0.0130)
Sample #2 = 0.7390 (0.0470)
Sample #3 = 0.7160 (0.0440)
Sample #4 = 0.7330 (0.0350)
Avg % ABS = 0.7263 (0.0397)
STD DEV = 0.0115 (0.0049)
REL STD DEV = 1.636 (10.199)

Solution State Quadratic Fit Chan 2

Act Fit Residual
9/210L 9/210L 9/210L
0.000 0.001 -0.0006
0.040 0.040 0.0005
0.100 0.099 0.0009
0.200 0.201 -0.0012
0.300 0.300 0.0005

Sol Value = 0.650 g/210L REF

Fit Value = 0.2910 mg/L 44%
Samples Taken = 4, Discarded = 1
Zero Order Coef = -71.68
First Order Coef = 2606.52
Second Order Coef = 41.81
Standard Deviation = 45.832754

<<<<< CHANNEL 2 >>>>>

Sample #1 = 3232.00
Sample #2 = 3346.00
Sample #3 = 3248.00
Sample #4 = 3373.00
Average Result = 3322.3333
STD DEV = 55.7749
REL STD DEV = 1.980

<<<<< CHANNEL 2 >>>>>

Sample #1 = 3230.00
Sample #2 = 3241.00
Sample #3 = 3235.00
Sample #4 = 3298.00
Average Result = 3257.3333
STD DEV = 33.6204
REL STD DEV = 1.052

<<<<< CHANNEL 2 >>>>>

Sol Value = 0.000 mg/L of 0.000 g/210L
% ABS = 0.044
Std Dev = 0.02 Rel Std Dev = 32.45
Sol Val = 0.195 mg/L of 0.200 g/210L
% ABS = 0.729
Std Dev = 0.01 Rel Std Dev = 1.64
Sol Val = 0.478 mg/L of 0.100 g/210L
% ABS = 1.794
Std Dev = 0.02 Rel Std Dev = 0.89
Sol Val = 0.952 mg/L of 0.200 g/210L
% ABS = 3.504
Std Dev = 0.03 Rel Std Dev = 0.79
Sol Val = 1.426 mg/L of 0.300 g/210L
% ABS = 5.085
Std Dev = 0.02 Rel Std Dev = 0.44
Zero Order Coef = -71.68
First Order Coef = 2606.52
Second Order Coef = 41.81
Standard Deviation = 45.832754

<<<<< CHANNEL 2 >>>>>

Sol Value = 0.000 mg/L of 0.000 g/210L
% ABS = 0.117
Std Dev = 0.01 Rel Std Dev = 6.87
Sol Val = 0.195 mg/L of 0.200 g/210L
% ABS = 1.473
Std Dev = 0.02 Rel Std Dev = 1.06
Sol Val = 0.478 mg/L of 0.100 g/210L
% ABS = 3.464
Std Dev = 0.01 Rel Std Dev = 0.20
Sol Val = 0.952 mg/L of 0.200 g/210L
% ABS = 6.682
Std Dev = 0.01 Rel Std Dev = 0.10
Sol Val = 1.426 mg/L of 0.300 g/210L
% ABS = 9.579
Std Dev = 0.02 Rel Std Dev = 0.21
Zero Order Coef = -129.21
First Order Coef = 1343.67
Second Order Coef = 16.87
Standard Deviation = 42.44664

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-005550	Miami-Dade Police Department	6/17/2021	DERR <i>PELL</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
<p>0.047 to 0.053 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alconol Analyzer Model 8000 SN 80-005550 06/17/2021 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>9/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>13:00</td></tr> <tr><td>Control Test</td><td>0.045</td><td>13:00</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:01</td></tr> <tr><td>Control Test</td><td>0.046</td><td>13:01</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:02</td></tr> <tr><td>Control Test</td><td>0.046</td><td>13:03</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:03</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0457</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>1.2543</td><td></td></tr> </tbody> </table> <p><i>PELL</i> Operator's Signature</p>	Test	9/210L	Time	Air Blank	0.000	13:00	Control Test	0.045	13:00	Air Blank	0.000	13:01	Control Test	0.046	13:01	Air Blank	0.000	13:02	Control Test	0.046	13:03	Air Blank	0.000	13:03	Control Test Stats			Average	0.0457		Std Dev	0.0006		Rel Std Dev(%)	1.2543		<p>0.077 to 0.083 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alconol Analyzer Model 8000 SN 80-005550 06/17/2021 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>9/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>13:06</td></tr> <tr><td>Control Test</td><td>0.078</td><td>13:07</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:07</td></tr> <tr><td>Control Test</td><td>0.078</td><td>13:08</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:08</td></tr> <tr><td>Control Test</td><td>0.078</td><td>13:09</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:09</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><i>PELL</i> Operator's Signature</p>	Test	9/210L	Time	Air Blank	0.000	13:06	Control Test	0.078	13:07	Air Blank	0.000	13:07	Control Test	0.078	13:08	Air Blank	0.000	13:08	Control Test	0.078	13:09	Air Blank	0.000	13:09	Control Test Stats			Average	0.0780		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<p>0.194 to 0.206 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alconol Analyzer Model 8000 SN 80-005550 06/17/2021 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>9/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>13:11</td></tr> <tr><td>Control Test</td><td>0.181</td><td>13:11</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:12</td></tr> <tr><td>Control Test</td><td>0.182</td><td>13:13</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:13</td></tr> <tr><td>Control Test</td><td>0.184</td><td>13:14</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:14</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.1823</td><td></td></tr> <tr><td>Std Dev</td><td>0.0015</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.8378</td><td></td></tr> </tbody> </table> <p><i>PELL</i> Operator's Signature</p>	Test	9/210L	Time	Air Blank	0.000	13:11	Control Test	0.181	13:11	Air Blank	0.000	13:12	Control Test	0.182	13:13	Air Blank	0.000	13:13	Control Test	0.184	13:14	Air Blank	0.000	13:14	Control Test Stats			Average	0.1823		Std Dev	0.0015		Rel Std Dev(%)	0.8378		<p>0.077 to 0.083 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alconol Analyzer Model 8000 SN 80-005550 06/17/2021 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>9/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>13:18</td></tr> <tr><td>Control Test</td><td>0.080</td><td>13:18</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:19</td></tr> <tr><td>Control Test</td><td>0.081</td><td>13:19</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:20</td></tr> <tr><td>Control Test</td><td>0.080</td><td>13:20</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:21</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0803</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7187</td><td></td></tr> </tbody> </table> <p><i>PELL</i> Operator's Signature</p>	Test	9/210L	Time	Air Blank	0.000	13:18	Control Test	0.080	13:18	Air Blank	0.000	13:19	Control Test	0.081	13:19	Air Blank	0.000	13:20	Control Test	0.080	13:20	Air Blank	0.000	13:21	Control Test Stats			Average	0.0803		Std Dev	0.0006		Rel Std Dev(%)	0.7187	
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Std Dev	0.0006																																																																																																																																																		
Rel Std Dev(%)	1.2543																																																																																																																																																		
Test	9/210L	Time																																																																																																																																																	
Air Blank	0.000	13:06																																																																																																																																																	
Control Test	0.078	13:07																																																																																																																																																	
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Test	9/210L	Time																																																																																																																																																	
Air Blank	0.000	13:11																																																																																																																																																	
Control Test	0.181	13:11																																																																																																																																																	
Air Blank	0.000	13:12																																																																																																																																																	
Control Test	0.182	13:13																																																																																																																																																	
Air Blank	0.000	13:13																																																																																																																																																	
Control Test	0.184	13:14																																																																																																																																																	
Air Blank	0.000	13:14																																																																																																																																																	
Control Test Stats																																																																																																																																																			
Average	0.1823																																																																																																																																																		
Std Dev	0.0015																																																																																																																																																		
Rel Std Dev(%)	0.8378																																																																																																																																																		
Test	9/210L	Time																																																																																																																																																	
Air Blank	0.000	13:18																																																																																																																																																	
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Std Dev	0.0006																																																																																																																																																		
Rel Std Dev(%)	0.7187																																																																																																																																																		

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-005550	Miami-Dade Police Department	6/17/2021	DERR <i>[Signature]</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
<p>0.047 to 0.053 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005550 06/17/2021 Software: 8100.27</p> <p>Test Time</p> <p>Air Blank 0.000 11:55 Control Test 0.050 11:56 Air Blank 0.000 11:56 Control Test 0.049 11:57 Air Blank 0.000 11:57 Control Test 0.050 11:58 Air Blank 0.000 11:58</p> <p>Control Test Stats Average 0.0497 Std Dev 0.0005 Rel Std Dev(%) 1.1525</p>	<p>0.077 to 0.083 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005550 06/17/2021 Software: 8100.27</p> <p>Test Time</p> <p>Air Blank 0.000 12:00 Control Test 0.081 12:01 Air Blank 0.000 12:01 Control Test 0.081 12:02 Air Blank 0.000 12:03 Control Test 0.081 12:03 Air Blank 0.000 12:04</p> <p>Control Test Stats Average 0.0810 Std Dev 0.0003 Rel Std Dev(%) 0.0000</p>	<p>0.194 to 0.206 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005550 06/17/2021 Software: 8100.27</p> <p>Test Time</p> <p>Air Blank 0.000 12:06 Control Test 0.187 12:07 Air Blank 0.000 12:07 Control Test 0.198 12:08 Air Blank 0.000 12:08 Control Test 0.190 12:09 Air Blank 0.000 12:09</p> <p>Control Test Stats Average 0.1883 Std Dev 0.0015 Rel Std Dev(%) 0.8111</p>	<p>0.077 to 0.083 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005550 06/17/2021 Software: 8100.27</p> <p>Test Time</p> <p>Air Blank 0.000 12:11 Control Test 0.088 12:12 Air Blank 0.000 12:12 Control Test 0.087 12:12 Air Blank 0.000 12:13 Control Test 0.085 12:13 Air Blank 0.000 12:14</p> <p>Control Test Stats Average 0.0867 Std Dev 0.0015 Rel Std Dev(%) 1.7625</p>
<i>[Signature]</i> Operator's Signature	<i>[Signature]</i> Operator's Signature	<i>[Signature]</i> Operator's Signature	<i>[Signature]</i> Operator's Signature



INSTRUMENT PROCESSING SHEET

Agency Miami-Dade Police Department

S/N 80-005550

Florida Department of Law Enforcement

Date In 11/16/2021 DI Completion Date 12/8/2021

Ship P/U H/D CMI EE

Intake By <u>DERR</u> <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: 	Quality Checks By <u>DER</u> Date <u>12/8/2021</u> <input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>185</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP106</u> 32 mm <u>0.136</u> (.139 - .169) 36 mm <u>0.156</u> (.156 - .190) 53 mm <u>0.222</u> (.228 - .278) 103 mm <u>0.500</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28663</u> <input checked="" type="checkbox"/> Stability Checks <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td>MP6286</td> <td>202010A 10/05/2022</td> </tr> <tr> <td>0.080</td> <td>MP6287</td> <td>202010B 10/05/2022</td> </tr> <tr> <td>0.200</td> <td>MP6288</td> <td>202010D 10/06/2022</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG115904 06/08/2023</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	MP6286	202010A 10/05/2022	0.080	MP6287	202010B 10/05/2022	0.200	MP6288	202010D 10/06/2022	0.080 DGS	N/A	AG115904 06/08/2023	Flow Calibration By <u>DER</u> Date <u>12/8/2021</u> Flow Column # <u>ATP101/101</u> <input checked="" type="checkbox"/> 5L/min - 17mm <input checked="" type="checkbox"/> 15L/min - 53mm <input checked="" type="checkbox"/> 30L/min - 103mm <input checked="" type="checkbox"/> R-Value <u>184/184</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP106/106</u> 32 mm <u>0.140/0.140</u> (.139 - .169) 36 mm <u>0.156/0.160</u> (.156 - .190) 53 mm <u>0.226/0.230</u> (.228 - .278) 103 mm <u>0.500/0.500</u> (.447 - .547) Maintenance By _____ <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____ DI Temp. Checks By <u>DERR</u> <input checked="" type="checkbox"/> Lab Temp °C <u>20.44C</u> External Digital Therm. ID#: <u>300503</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>MP6286</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>MP6287</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>MP6288</u>
Simulator	Serial #	Lot #/Exp															
0.050	MP6286	202010A 10/05/2022															
0.080	MP6287	202010B 10/05/2022															
0.200	MP6288	202010D 10/06/2022															
0.080 DGS	N/A	AG115904 06/08/2023															

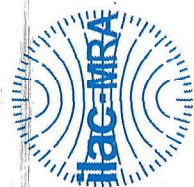
Calibration Adjustment By _____ Barometric Pressure Gauge _____ ID # _____ <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>0.040</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.100</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.200</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.300</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td></td> <td></td> </tr> </tbody> </table> <input checked="" type="checkbox"/> Post Calibration Adjustment Stability Checks <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.080</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.200</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td></td> <td></td> </tr> </tbody> </table>	Simulator	Serial #	Lot #	Expiration	0.000		N/A	N/A	0.040				0.100				0.200				0.300				0.080 DGS	N/A			Simulator	Serial #	Lot #	Expiration	0.050				0.080				0.200				0.080 DGS	N/A			Department Inspection By <u>DERR</u> Barometric Pressure ID# <u>28199</u> Gauge <u>1020</u> Instrument <u>1017</u> Mouth Alcohol Solution Lot # <u>2021-D</u> Acetone Stock Solution Lot # <u>2021-C</u> <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td>MP6284</td> </tr> <tr> <td>Interferent</td> <td>MP6285</td> </tr> <tr> <td>0.050</td> <td>MP6286</td> </tr> <tr> <td>0.080</td> <td>MP6287</td> </tr> <tr> <td>0.200</td> <td>MP6288</td> </tr> </tbody> </table>	Simulator	Serial Number	0.000	MP6284	Interferent	MP6285	0.050	MP6286	0.080	MP6287	0.200	MP6288
Simulator	Serial #	Lot #	Expiration																																																										
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DERR 12/8/21

Notes/Suggested Service: Flow calibration was done twice, data post forward slash indicates second calibration.
 DERR.
Technical review noted that the block for Post Calibration Adjustment stability checks was filled in when none was conducted. DERR 12/8/2021

Instrument Complies with Chapter 11D-8, FAC
 Instrument Does Not Comply with Chapter 11D-8, FAC
 Return to/Place into Evidentiary Use
 Remain Out of Evidentiary Use
 Conduct an Agency Inspection Before Evidentiary Use

2021.12.0
 Israel Soto Digitally signed by Israel Soto Date: 2021.12.08 12:51:14 -0500
 Tech Review / Date _____ Admin. Review / Date 09:48:18 05/00



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 80-005550, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-005550</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>MIAMI DADE PD</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>12/08/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>11:27</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

12/08/2021

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: MIAMI DADE PD
Time of Inspection: 11:27

Date of Inspection: 12/08/2021

Serial Number: 80-005550
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#:AG115904 Exp: 06/08/2023
0.000	0.051	0.081	0.202	0.081
0.000	0.051	0.081	0.203	0.080
0.000	0.052	0.082	0.203	0.080
0.000	0.052	0.081	0.203	0.080
0.000	0.052	0.081	0.204	0.081
0.000	0.052	0.082	0.202	0.081
0.000	0.052	0.081	0.203	0.081
0.000	0.052	0.081	0.203	0.080
0.000	0.052	0.081	0.203	0.080
0.000	0.052	0.082	0.202	0.080

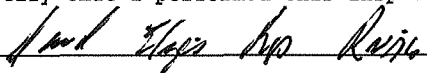
Standard Deviations	0.0004	0.0004	0.0006	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

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

Signature and Printed Name

12/08/2021
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-005550	Miami-Dade Police Department	12/08/2021	DERR <i>JML</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
<p>0.047 to 0.053 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005550 12/08/2021 Software: 8100.27</p> <p>Test Time</p> <p>Air Blank 0.000 08:07 Control Test 0.052 08:08 Air Blank 0.000 08:09 Control Test 0.051 08:09 Air Blank 0.000 08:10 Control Test 0.051 08:11 Air Blank 0.000 08:11</p> <p>Control Test Stats Average 0.0513 Std Dev 0.0006 Rel Std Dev(%) 1.1247</p> <p><i>JML</i> Operator's Signature</p>	<p>0.077 to 0.083 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005550 12/08/2021 Software: 8100.27</p> <p>Test Time</p> <p>Air Blank 0.000 08:12 Control Test 0.082 08:13 Air Blank 0.000 08:14 Control Test 0.081 08:14 Air Blank 0.000 08:15 Control Test 0.081 08:16 Air Blank 0.000 08:16</p> <p>Control Test Stats Average 0.0813 Std Dev 0.0006 Rel Std Dev(%) 0.7099</p> <p><i>JML</i> Operator's Signature</p>	<p>0.194 to 0.206 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005550 12/08/2021 Software: 8100.27</p> <p>Test Time</p> <p>Air Blank 0.000 08:17 Control Test 0.202 08:18 Air Blank 0.000 08:19 Control Test 0.201 08:20 Air Blank 0.000 08:20 Control Test 0.201 08:21 Air Blank 0.000 08:21</p> <p>Control Test Stats Average 0.2013 Std Dev 0.0006 Rel Std Dev(%) 0.2868</p> <p><i>JML</i> Operator's Signature</p>	<p>0.077 to 0.083 <input checked="" type="checkbox"/></p> <p>MIAMI DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005550 12/08/2021 Software: 8100.27</p> <p>Test Time</p> <p>Air Blank 0.000 08:23 Control Test 0.081 08:23 Air Blank 0.000 08:24 Control Test 0.081 08:24 Air Blank 0.000 08:25 Control Test 0.080 08:25 Air Blank 0.000 08:26</p> <p>Control Test Stats Average 0.0807 Std Dev 0.0006 Rel Std Dev(%) 0.7157</p> <p><i>JML</i> Operator's Signature</p>

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
12/08/2021
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5
SORT(0.1ff) = 7.070
2: Rate (Liters/min) = 15
SORT(0.1ff) = 12.000
3: Rate (Liters/min) = 30
SORT(0.1ff) = 21.211
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 684
Rounded Intercept = -683292
Correlation = 0.99831

*2nd flow
Calibration*

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
12/08/2021
Software: 8100.27

Flow Rate Calibrations*****

1: Rate (Liters/min) = 5
SORT(0.1ff) = 7.277
2: Rate (Liters/min) = 15
SORT(0.1ff) = 11.871
3: Rate (Liters/min) = 30
SORT(0.1ff) = 21.234
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 689
Rounded Intercept = -707004
Correlation = 0.99681

*1st flow
Calibration*

Flow Calibration	
SN:	80-005550
Agency:	Miami-Dade Police Department
Date:	12/08/2021
By:	DERR <i>AAA</i>