



INSTRUMENT PROCESSING SHEET

Agency Miami Police Department

S/N 80-000874

Florida Department of Law Enforcement

Date In Aug 31, 2018 DI Completion Date Sep 4, 2018

Ship P/U H/D CMI EE

Intake Performed By <u>Deer</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 checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" 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 Performed By <u>Deer</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>183</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>.160</u> (.139 - .169) 36 mm <u>.171</u> (.156 - .190) 53 mm <u>.242</u> (.228 - .278) 103 mm <u>.503</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28199</u> <input checked="" type="checkbox"/> Stability Checks		Flow Calibration Performed By _____ Flow Column # _____ <input type="checkbox"/> 5L/min - 17mm <input type="checkbox"/> 15L/min - 53mm <input type="checkbox"/> 30L/min - 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547)																																							
Final Release Date FDLE SEP 13 2018 Alcohol Testing Program		<table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td>SD3967</td> <td>201707D 07/25/2019</td> </tr> <tr> <td>0.080</td> <td>SD3968</td> <td>201707E 07/25/2019</td> </tr> <tr> <td>0.200</td> <td>SD3969</td> <td>201707C 07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG805701 02/26/2020</td> </tr> </tbody> </table>		Simulator	Serial #	Lot #/Exp	0.050	SD3967	201707D 07/25/2019	0.080	SD3968	201707E 07/25/2019	0.200	SD3969	201707C 07/24/2019	0.080 DGS	N/A	AG805701 02/26/2020	Maintenance Performed By _____ <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____																								
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		Temperature Checks Performed By <u>Deer</u> <input checked="" type="checkbox"/> Lab Temp °C <u>22.35C</u> External Digital Therm. ID#: <u>300949</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD3967</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD3968</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD3969</u>																																									
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Notes/Suggested Service: <u>E-mailed</u> <input checked="" type="checkbox"/> APPROVED <u>Recalibrated to bring values closer to nominal</u> _____ _____ _____		<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use																																									
		<u>Peggy 9/13/18</u> <u>JJ DeLeon 9/13/18</u> Tech Review / Date Admin Review / Date																																									

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MIAMI PD
Time of Inspection: 14:23

Date of Inspection: 09/04/2018

Serial Number: 80-000874
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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG805701 Exp: 02/26/2020
0.000	0.049	0.081	0.198	0.078
0.000	0.049	0.081	0.199	0.078
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0.000	0.049	0.080	0.200	0.077
0.000	0.050	0.080	0.200	0.077
0.000	0.050	0.081	0.199	0.078
0.000	0.050	0.081	0.200	0.078


Standard Deviations	0.0005	0.0004	0.0006	0.0004
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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

09/04/2018
 Date

9/13/18
JLB

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-000874	Miami Police Department	09/04/2018	<i>gll</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
SN: SD3967 Temp: 34.07c 0.047 to 0.053 <input checked="" type="checkbox"/>	SN: SD3968 Temp: 34.08c 0.077 to 0.083 <input checked="" type="checkbox"/>	SN: SD3969 Temp: 34.09c 0.194 to 0.206 <input checked="" type="checkbox"/>	Lot AG805701 0.077 to 0.083 <input checked="" type="checkbox"/>																																																																																																																																																
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gll

9/13/18
gll



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 80-000874, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000874</u>	UNCERTAINTY* ±	
Owning Agency:	<u>MIAMI PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>09/04/2018</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>14:23</u>	0.200 g/ 210 L	0.008
		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).

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.

David E Reyes-Rivera

 Date 09/04/2018

 DAVID E REYES-RIVERA,
 Department Inspector

FDLE/ATP Form 69 July 2018
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

9/13/18
[Signature]

WBO

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5530 (-0.0010)
Sample #2 = 1.5200 (0.0220)
Sample #3 = 1.5230 (0.0090)
Sample #4 = 1.5310 (0.0280)
Avg % Abs = 1.5247 (0.0197)
STD DEV = 0.0057 (0.0097)
REL STD DEV = 0.373 (49.386)

MIAMI PD
Intoxilyzer - Alcohol Analyzer
Model 8000
09/04/2018
SN 80-000874
07:52:29

Auto Calibration
Max Power Res Value = 21
Auto Range Res Value = 8
Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l ****
Samples Taken = 4, Discarded = 1
Sum Io = 12763, Sum Io = 14292
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.9550 (0.0020)
Sample #2 = 1.9530 (0.0290)
Sample #3 = 1.9390 (0.0240)
Sample #4 = 1.9140 (0.0460)
Avg % Abs = 1.9353 (0.0330)
STD DEV = 0.0198 (0.0115)
REL STD DEV = 1.021 (34.947)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.6210 (-0.0070)
Sample #2 = 3.5540 (0.0280)
Sample #3 = 3.5710 (0.0060)
Sample #4 = 3.5550 (0.0270)
Avg % Abs = 3.5600 (0.0203)
STD DEV = 0.0095 (0.0124)
REL STD DEV = 0.268 (61.097)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l ****
Samples Taken = 4, Discarded = 1
Sum Io = 12771, Sum Io = 14289
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.7260 (-0.0150)
Sample #2 = 3.7220 (-0.0030)
Sample #3 = 3.7100 (0.0010)
Sample #4 = 3.6930 (0.0260)
Avg % Abs = 3.7083 (0.0080)
STD DEV = 0.0146 (0.0157)
REL STD DEV = 0.393 (196.453)

9/13/18
JD

***** AUTO CAL DATA *****
<<<< CHANNEL 1 >>>>
Sol Val = 0.000 mg/l or 0.000 g/210L
% Abs = 0.110
Std Dev = 0.01 Rel Std Dev = 8.57
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.864
Std Dev = 0.01 Rel Std Dev = 0.71
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.935
Std Dev = 0.02 Rel Std Dev = 1.02
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.708
Std Dev = 0.01 Rel Std Dev = 0.39
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.440
Std Dev = 0.03 Rel Std Dev = 0.64
Zero Order Coef = -301.95
First Order Coef = 2572.73
Second Order Coef = 20.14
Standard Deviation = 19.666626

<<<< CHANNEL 2 >>>>
Sol Val = 0.000 mg/l or 0.000 g/210L
% Abs = 0.120
Std Dev = 0.01 Rel Std Dev = 12.34
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.525
Std Dev = 0.01 Rel Std Dev = 0.37
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.560
Std Dev = 0.01 Rel Std Dev = 0.27
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.818
Std Dev = 0.01 Rel Std Dev = 0.13
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.912
Std Dev = 0.03 Rel Std Dev = 0.31
Zero Order Coef = -182.74
First Order Coef = 1340.22
Second Order Coef = 11.85
Standard Deviation = 2.570933

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0000
0.040 0.040 -0.0001
0.100 0.100 0.0001
0.200 0.200 -0.0000
0.300 0.300 0.0000

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l ****
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3037.00
Sample #2 = 2862.00
Sample #3 = 2864.00
Sample #4 = 2864.00
Average Result = 2896.6667
STD DEV = 56.5803
REL STD DEV = 1.953

***** CHANNEL 2
Sample #1 = 3400.00
Sample #2 = 3362.00
Sample #3 = 3348.00
Sample #4 = 3341.00
Average Result = 3350.3333
STD DEV = 10.6927
REL STD DEV = 0.315

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1017
3 um H2O Adjust (mg/l*10,000) = 913
9 um H2O Adjust (mg/l*10,000) = 459
**** AUTO CAL PASS

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0004
0.040 0.041 -0.0007
0.100 0.100 0.0002
0.200 0.200 0.0002
0.300 0.300 -0.0001

Optical Calibration → bell	
SN: 80-000874	
Agency: Miami P.D.	
Date: 9/4/2018	
Quadratic Fit: +/-0.002g/210L	
By: <i>bell</i>	

WDB

WBB

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-000874	Miami Police Department	09/04/2018	<i>DRR</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.07c	SN: SD3968 Temp: 34.08c	SN: SD3969 Temp: 34.09c	Lot AG805701
0.047 to 0.053 <input checked="" type="checkbox"/>	0.077 to 0.083 <input checked="" type="checkbox"/>	0.194 to 0.206 <input checked="" type="checkbox"/>	0.077 to 0.083 <input checked="" type="checkbox"/>

MIAMI PD Intoxilyzer - Alcohol Analyzer Model: 8000 09/04/2018 Software: 8100.27	MIAMI PD Intoxilyzer - Alcohol Analyzer Model: 8000 09/04/2018 Software: 8100.27	MIAMI PD Intoxilyzer - Alcohol Analyzer Model: 8000 09/04/2018 Software: 8100.27	MIAMI PD Intoxilyzer - Alcohol Analyzer Model: 8000 09/04/2018 Software: 8100.27
Test	Test	Test	Test
g/210L	g/210L	g/210L	g/210L
Time	Time	Time	Time
Air Blank 0.000 08:47	Air Blank 0.000 08:52	Air Blank 0.000 08:57	Air Blank 0.000 09:02
Control Test 0.050 08:48	Control Test 0.093 08:53	Control Test 0.204 08:57	Control Test 0.079 09:02
Air Blank 0.000 08:49	Air Blank 0.000 08:53	Air Blank 0.000 08:58	Air Blank 0.000 09:03
Control Test 0.050 08:49	Control Test 0.092 08:54	Control Test 0.204 08:59	Control Test 0.079 09:03
Air Blank 0.000 08:50	Air Blank 0.000 08:55	Air Blank 0.000 08:59	Air Blank 0.000 09:04
Control Test 0.050 08:51	Control Test 0.093 08:55	Control Test 0.203 09:00	Control Test 0.079 09:04
Air Blank 0.000 08:51	Air Blank 0.000 08:56	Air Blank 0.000 09:00	Air Blank 0.000 09:05
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0500	Average 0.0927	Average 0.2037	Average 0.0790
Std Dev 0.0000	Std Dev 0.0105	Std Dev 0.0306	Std Dev 0.0000
Rel. Std Dev(%) 0.0000	Rel. Std Dev(%) 0.0364	Rel. Std Dev(%) 0.2935	Rel. Std Dev(%) 0.0000
<i>DRR</i> Operator's Signature	<i>DRR</i> Operator's Signature	<i>DRR</i> Operator's Signature	<i>DRR</i> Operator's Signature

9/13/18
DRR

MIAMI PD
 Intoxilyzer - Alconal Analyzer
 Model 8000
 09/04/2018
 SN 80-000974
 09:17:51

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.5990 (-0.0070)
 Sample #2 = 1.5440 (0.0340)
 Sample #3 = 1.5480 (0.0340)
 Sample #4 = 1.5450 (0.0260)
 Avg % Abs = 1.5457 (0.0313)
 STD DEV = 0.0021 (0.0046)
 REL STD DEV = 0.135 (14.741)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 6.9450 (-0.0020)
 Sample #2 = 6.9600 (-0.0050)
 Sample #3 = 6.9380 (0.0030)
 Sample #4 = 6.9280 (0.0270)
 Avg % Abs = 6.9420 (0.0083)
 STD DEV = 0.0164 (0.0167)
 REL STD DEV = 0.236 (199.840)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.6390 (0.0040)
 Sample #2 = 3.6340 (0.0000)
 Sample #3 = 3.6120 (0.0220)
 Sample #4 = 3.5650 (0.0220)
 Avg % Abs = 3.6037 (0.0147)
 STD DEV = 0.0352 (0.0127)
 REL STD DEV = 0.978 (86.603)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.1280 (-0.0060)
 Sample #2 = 0.1440 (-0.0190)
 Sample #3 = 0.1390 (-0.0140)
 Sample #4 = 0.1280 (-0.0170)
 Avg % Abs = 0.1370 (-0.0167)
 STD DEV = 0.0082 (0.0025)
 REL STD DEV = 5.975 (15.100)

Auto Calibration
 Max Poser Res Value = 20
 Auto Range Res Value = 8
 Sol Value = 0.100 g/210L ***
 Fit Value = 0.4762 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12812, Sum Io = 14307
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 2.0000 (-0.0100)
 Sample #2 = 1.9830 (-0.0090)
 Sample #3 = 1.9740 (0.0180)
 Sample #4 = 1.9650 (-0.0060)
 Avg % Abs = 1.9740 (0.0010)
 STD DEV = 0.0090 (0.0148)
 REL STD DEV = 0.456 (1479.865)

<<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 5.5330 (-0.0070)
 Sample #2 = 5.4970 (0.0140)
 Sample #3 = 5.4660 (0.0470)
 Sample #4 = 5.4460 (0.0310)
 Avg % Abs = 5.4697 (0.0307)
 STD DEV = 0.0257 (0.0165)
 REL STD DEV = 0.470 (53.813)

<<<< CHANNEL 2 >>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.137
 Std Dev = 0.01 Rel Std Dev = 5.97
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.546
 Std Dev = 0.00 Rel Std Dev = 0.13
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.604
 Std Dev = 0.04 Rel Std Dev = 0.98
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.942
 Std Dev = 0.02 Rel Std Dev = 0.24
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 9.974
 Std Dev = 0.04 Rel Std Dev = 0.39
 Zero Order Coef = -155.41
 First Order Coef = 1300.74
 Second Order Coef = 14.55
 Standard Deviation = 37.170235

<<<< CHANNEL 2 >>>>
 Sol Value = 0.300 g/210L ***
 Fit Value = 1.4286 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12810, Sum Io = 14304
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 5.5330 (-0.0070)
 Sample #2 = 5.4970 (0.0140)
 Sample #3 = 5.4660 (0.0470)
 Sample #4 = 5.4460 (0.0310)
 Avg % Abs = 5.4697 (0.0307)
 STD DEV = 0.0257 (0.0165)
 REL STD DEV = 0.470 (53.813)

<<<< CHANNEL 2 >>>>
 Sol Value = 0.300 g/210L ***
 Fit Value = 1.4286 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12810, Sum Io = 14304
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 5.5330 (-0.0070)
 Sample #2 = 5.4970 (0.0140)
 Sample #3 = 5.4660 (0.0470)
 Sample #4 = 5.4460 (0.0310)
 Avg % Abs = 5.4697 (0.0307)
 STD DEV = 0.0257 (0.0165)
 REL STD DEV = 0.470 (53.813)

<<<< CHANNEL 2 >>>>
 Sol Value = 0.080 g/210L ***
 Fit Value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1
 <<<< CHANNEL 1 >>>>
 Sample #1 = 2926.00
 Sample #2 = 2871.00
 Sample #3 = 2934.00
 Sample #4 = 2924.00
 Average Result = 2909.6667
 STD DEV = 33.6575
 REL STD DEV = 1.164

 ***** CHANNEL 2
 Sample #1 = 3285.00
 Sample #2 = 3288.00
 Sample #3 = 3317.00
 Sample #4 = 3327.00
 Average Result = 3310.6667
 STD DEV = 20.2567
 REL STD DEV = 0.612

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1018
 3 um H2O Adjust (mg/l*10,000) = 900
 5 um H2O Adjust (mg/l*10,000) = 499
 ***** AUTO CAL PASS

<<<< CHANNEL 2 >>>>
 Sol Value = 0.200 g/210L ***
 Fit Value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12811, Sum Io = 14306
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.7820 (-0.0100)
 Sample #2 = 3.7970 (-0.0120)
 Sample #3 = 3.7670 (-0.0050)
 Sample #4 = 3.7580 (0.0320)
 Avg % Abs = 3.7740 (0.0000)
 STD DEV = 0.0204 (0.0236)
 REL STD DEV = 0.541 (472.864)

<<<< CHANNEL 2 >>>>
 Sol Value = 0.200 g/210L ***
 Fit Value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12811, Sum Io = 14306
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.7820 (-0.0100)
 Sample #2 = 3.7970 (-0.0120)
 Sample #3 = 3.7670 (-0.0050)
 Sample #4 = 3.7580 (0.0320)
 Avg % Abs = 3.7740 (0.0000)
 STD DEV = 0.0204 (0.0236)
 REL STD DEV = 0.541 (472.864)

<<<< CHANNEL 2 >>>>
 Sol Value = 0.200 g/210L ***
 Fit Value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12811, Sum Io = 14306
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.7820 (-0.0100)
 Sample #2 = 3.7970 (-0.0120)
 Sample #3 = 3.7670 (-0.0050)
 Sample #4 = 3.7580 (0.0320)
 Avg % Abs = 3.7740 (0.0000)
 STD DEV = 0.0204 (0.0236)
 REL STD DEV = 0.541 (472.864)

<<<< CHANNEL 2 >>>>
 Sol Value = 0.040 g/210L ***
 Fit Value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12824, Sum Io = 14313
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.9200 (-0.0080)
 Sample #2 = 0.9100 (0.0490)
 Sample #3 = 0.8860 (0.0700)
 Sample #4 = 0.8900 (0.0530)
 Avg % Abs = 0.8953 (0.0573)
 STD DEV = 0.0129 (0.0112)
 REL STD DEV = 1.436 (19.449)

<<<< CHANNEL 2 >>>>
 Sol Value = 0.040 g/210L ***
 Fit Value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12824, Sum Io = 14313
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.9200 (-0.0080)
 Sample #2 = 0.9100 (0.0490)
 Sample #3 = 0.8860 (0.0700)
 Sample #4 = 0.8900 (0.0530)
 Avg % Abs = 0.8953 (0.0573)
 STD DEV = 0.0129 (0.0112)
 REL STD DEV = 1.436 (19.449)

<<<< CHANNEL 2 >>>>
 Sol Value = 0.040 g/210L ***
 Fit Value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12824, Sum Io = 14313
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.9200 (-0.0080)
 Sample #2 = 0.9100 (0.0490)
 Sample #3 = 0.8860 (0.0700)
 Sample #4 = 0.8900 (0.0530)
 Avg % Abs = 0.8953 (0.0573)
 STD DEV = 0.0129 (0.0112)
 REL STD DEV = 1.436 (19.449)

Optical Calibration 2
 SN: 80-000874
 Agency: Miami P.D.
 Date: 9/4/2018
 Quadratic Fit: +/-0.002g/210L
 By: *MLL*

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9/13/18
MLL

W600

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities 2	80-000874	Miami Police Department	09/04/2018	<i>DELL</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.07c	SN: SD3968 Temp: 34.08c	SN: SD3969 Temp: 34.09c	Lot AG805701
0.047 to 0.053 <input checked="" type="checkbox"/>	0.077 to 0.083 <input checked="" type="checkbox"/>	0.194 to 0.206 <input checked="" type="checkbox"/>	0.077 to 0.083 <input checked="" type="checkbox"/>

MIAMI PD Intoxilyzer - Alcohol Analyzer Model 8000 09/04/2018 Software: 8100.27	MIAMI PD Intoxilyzer - Alcohol Analyzer Model 8000 09/04/2018 Software: 8100.27	MIAMI PD Intoxilyzer - Alcohol Analyzer Model 8000 09/04/2018 Software: 8100.27	MIAMI PD Intoxilyzer - Alcohol Analyzer Model 8000 09/04/2018 Software: 8100.27																																																																																																																																																
<table border="1"> <tr><th>Test</th><th>g/210L</th><th>Time</th></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:46</td></tr> <tr><td>Control Test</td><td>0.049</td><td>10:46</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:47</td></tr> <tr><td>Control Test</td><td>0.050</td><td>10:48</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:48</td></tr> <tr><td>Control Test</td><td>0.050</td><td>10:49</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:49</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0497</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel. Std Dev(%)</td><td>1.1625</td><td></td></tr> </table>	Test	g/210L	Time	Air Blank	0.000	10:46	Control Test	0.049	10:46	Air Blank	0.000	10:47	Control Test	0.050	10:48	Air Blank	0.000	10:48	Control Test	0.050	10:49	Air Blank	0.000	10:49	Control Test Stats			Average	0.0497		Std Dev	0.0006		Rel. Std Dev(%)	1.1625		<table border="1"> <tr><th>Test</th><th>g/210L</th><th>Time</th></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:51</td></tr> <tr><td>Control Test</td><td>0.073</td><td>10:51</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:52</td></tr> <tr><td>Control Test</td><td>0.080</td><td>10:53</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:53</td></tr> <tr><td>Control Test</td><td>0.081</td><td>10:54</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:54</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0800</td><td></td></tr> <tr><td>Std Dev</td><td>0.0010</td><td></td></tr> <tr><td>Rel. Std Dev(%)</td><td>1.2500</td><td></td></tr> </table>	Test	g/210L	Time	Air Blank	0.000	10:51	Control Test	0.073	10:51	Air Blank	0.000	10:52	Control Test	0.080	10:53	Air Blank	0.000	10:53	Control Test	0.081	10:54	Air Blank	0.000	10:54	Control Test Stats			Average	0.0800		Std Dev	0.0010		Rel. Std Dev(%)	1.2500		<table border="1"> <tr><th>Test</th><th>g/210L</th><th>Time</th></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:02</td></tr> <tr><td>Control Test</td><td>0.197</td><td>11:02</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:03</td></tr> <tr><td>Control Test</td><td>0.200</td><td>11:04</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:04</td></tr> <tr><td>Control Test</td><td>0.200</td><td>11:05</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:05</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.1990</td><td></td></tr> <tr><td>Std Dev</td><td>0.0017</td><td></td></tr> <tr><td>Rel. Std Dev(%)</td><td>0.8704</td><td></td></tr> </table>	Test	g/210L	Time	Air Blank	0.000	11:02	Control Test	0.197	11:02	Air Blank	0.000	11:03	Control Test	0.200	11:04	Air Blank	0.000	11:04	Control Test	0.200	11:05	Air Blank	0.000	11:05	Control Test Stats			Average	0.1990		Std Dev	0.0017		Rel. Std Dev(%)	0.8704		<table border="1"> <tr><th>Test</th><th>g/210L</th><th>Time</th></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:58</td></tr> <tr><td>Control Test</td><td>0.079</td><td>10:58</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:58</td></tr> <tr><td>Control Test</td><td>0.078</td><td>10:59</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:59</td></tr> <tr><td>Control Test</td><td>0.078</td><td>10:59</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:00</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0793</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel. Std Dev(%)</td><td>0.7570</td><td></td></tr> </table>	Test	g/210L	Time	Air Blank	0.000	10:58	Control Test	0.079	10:58	Air Blank	0.000	10:58	Control Test	0.078	10:59	Air Blank	0.000	10:59	Control Test	0.078	10:59	Air Blank	0.000	11:00	Control Test Stats			Average	0.0793		Std Dev	0.0006		Rel. Std Dev(%)	0.7570	
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Control Test	0.197	11:02																																																																																																																																																	
Air Blank	0.000	11:03																																																																																																																																																	
Control Test	0.200	11:04																																																																																																																																																	
Air Blank	0.000	11:04																																																																																																																																																	
Control Test	0.200	11:05																																																																																																																																																	
Air Blank	0.000	11:05																																																																																																																																																	
Control Test Stats																																																																																																																																																			
Average	0.1990																																																																																																																																																		
Std Dev	0.0017																																																																																																																																																		
Rel. Std Dev(%)	0.8704																																																																																																																																																		
Test	g/210L	Time																																																																																																																																																	
Air Blank	0.000	10:58																																																																																																																																																	
Control Test	0.079	10:58																																																																																																																																																	
Air Blank	0.000	10:58																																																																																																																																																	
Control Test	0.078	10:59																																																																																																																																																	
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Average	0.0793																																																																																																																																																		
Std Dev	0.0006																																																																																																																																																		
Rel. Std Dev(%)	0.7570																																																																																																																																																		
<i>DELL</i> Operator's Signature	<i>DELL</i> Operator's Signature	<i>DELL</i> Operator's Signature	<i>DELL</i> Operator's Signature																																																																																																																																																
<i>9/13/18</i>																																																																																																																																																			