



## INSTRUMENT PROCESSING SHEET

Agency Broward CSOS/N 80-007381Florida Department of  
Law EnforcementDate In 02/03/2023 DI Completion Date 02/16/2023☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date <u>02/08/2023</u>	Flow Calibration	By	Date																											
<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 checked="" type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable  Notes: <u>Instrument sent to FDLE to evaluate Purge Fails reported by Al Anaya Frasier.</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>189</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.152</u> (.139 - .169) 36 mm <u>0.167</u> (.156 - .190) 53 mm <u>0.238</u> (.228 - .278) 103 mm <u>0.496</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>68639</u> <input checked="" type="checkbox"/> Stability Checks			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)																													
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Notes/Suggested Service: <u>The reported Purge Fails could not be duplicated at FDLE. (TDG)</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																														
Israel Soto <small>Digitally signed by Israel Soto Date: 2023.02.17 07:47:01 +05'00'</small>				Phil Nicodemmo <small>Digitally signed by Phil Nicodemmo Date: 2023.02.17 10:37:48 -05'00'</small>																														
Tech Review / Date				Admin Review / Date																														



Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-007381	Broward CSO	02/08/2023	TDG MK

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
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Comments:

BROWARD COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007381  
02/08/2023 14:17:56

Auto Calibration  
Max Power Res Value = 84  
Auto Range Res Value = 58

Sol Value = 0.000 g/210L \*\*\*  
Fit value = 0.0000 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um lo = 12656, 9um lo = 12911

Channel 1 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.1190 (-0.0070)  
Sample #2 = 0.1130 (0.0210)  
Sample #3 = 0.1010 (0.0640)  
Sample #4 = 0.0980 (0.0850)  
Avg % Abs = 0.1040 (0.0567)  
STD DEV = 0.0079 (0.0326)  
REL STD DEV = 7.632 (57.572)

Channel 2 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.1130 (-0.0050)  
Sample #2 = 0.1000 (0.0000)  
Sample #3 = 0.1080 (0.0070)  
Sample #4 = 0.1160 (0.0070)  
Avg % Abs = 0.1080 (0.0047)  
STD DEV = 0.0080 (0.0040)  
REL STD DEV = 7.407 (86.603)

Sol Value = 0.040 g/210L \*\*\*  
Fit value = 0.1905 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um lo = 12637, 9um lo = 12905

Channel 1 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.8280 (-0.0010)  
Sample #2 = 0.8130 (0.0020)  
Sample #3 = 0.8320 (-0.0020)  
Sample #4 = 0.8380 (0.0080)  
Avg % Abs = 0.8277 (0.0027)  
STD DEV = 0.0131 (0.0050)  
REL STD DEV = 1.577 (188.746)

Channel 2 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 1.4470 (-0.0060)  
Sample #2 = 1.4300 (0.0030)  
Sample #3 = 1.4480 (0.0010)  
Sample #4 = 1.4560 (0.0080)  
Avg % Abs = 1.4447 (0.0040)  
STD DEV = 0.0133 (0.0036)  
REL STD DEV = 0.922 (90.139)

Sol Value = 0.100 g/210L \*\*\*  
Fit value = 0.4762 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um lo = 12627, 9um lo = 12900

Channel 1 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 1.9160 (-0.0080)  
Sample #2 = 1.9110 (0.0020)  
Sample #3 = 1.9040 (0.0200)  
Sample #4 = 1.9070 (0.0010)  
Avg % Abs = 1.9073 (0.0077)  
STD DEV = 0.0035 (0.0107)  
REL STD DEV = 0.184 (139.470)

Channel 2 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.3860 (-0.0070)  
Sample #2 = 3.3640 (0.0120)  
Sample #3 = 3.3520 (0.0270)  
Sample #4 = 3.3570 (0.0150)  
Avg % Abs = 3.3577 (0.0180)  
STD DEV = 0.0060 (0.0079)  
REL STD DEV = 0.180 (44.096)

Sol Value = 0.200 g/210L \*\*\*  
Fit value = 0.9524 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um lo = 12618, 9um lo = 12895

Channel 1 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.6160 (-0.0110)  
Sample #2 = 3.6420 (0.0080)  
Sample #3 = 3.6230 (-0.0020)  
Sample #4 = 3.6310 (0.0060)  
Avg % Abs = 3.6320 (-0.0013)  
STD DEV = 0.0095 (0.0070)  
REL STD DEV = 0.263 (526.783)

Channel 2 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 6.4340 (-0.0010)  
Sample #2 = 6.4190 (0.0220)  
Sample #3 = 6.4140 (0.0300)  
Sample #4 = 6.4220 (0.0220)  
Avg % Abs = 6.4183 (0.0247)  
STD DEV = 0.0040 (0.0046)  
REL STD DEV = 0.063 (18.725)

Sol Value = 0.300 g/210L \*\*\*  
Fit value = 1.4286 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um lo = 12613, 9um lo = 12892

Channel 1 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 5.3220 (-0.0180)  
Sample #2 = 5.2920 (0.0040)  
Sample #3 = 5.3190 (0.0000)  
Sample #4 = 5.3008 (0.0190)  
Avg % Abs = 5.3037 (0.0077)  
STD DEV = 0.0139 (0.0100)  
REL STD DEV = 0.261 (130.652)

Channel 2 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 9.3860 (-0.0190)  
Sample #2 = 9.3510 (0.0110)  
Sample #3 = 9.3500 (-0.0020)  
Sample #4 = 9.3560 (0.0000)  
Avg % Abs = 9.3523 (0.0030)  
STD DEV = 0.0032 (0.0070)  
REL STD DEV = 0.034 (233.333)

Optical Calibration	
SN:	80-00 7381
Agency:	Broward CSO
Date:	02/08/2023
Quadratic Fit:	+/- 0.002g/210L ✓
By:	TDG ML

Channel 1 Data:  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.104  
Std Dev = 0.01 Rel Std Dev = 7.63  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 0.828  
Std Dev = 0.01 Rel Std Dev = 1.58  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 1.907  
Std Dev = 0.00 Rel Std Dev = 0.18  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 3.632  
Std Dev = 0.01 Rel Std Dev = 0.26  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 5.304  
Std Dev = 0.01 Rel Std Dev = 0.26  
Zero Order Coef = -265.48  
First Order Coef = 2584.42  
Second Order Coef = 30.07  
Standard Deviation = 8.560008

Channel 2 Data:  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.108  
Std Dev = 0.01 Rel Std Dev = 7.41  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 1.445  
Std Dev = 0.01 Rel Std Dev = 0.92  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 3.358  
Std Dev = 0.01 Rel Std Dev = 0.18  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 6.418  
Std Dev = 0.00 Rel Std Dev = 0.06  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 9.352  
Std Dev = 0.00 Rel Std Dev = 0.03  
Zero Order Coef = -165.26  
First Order Coef = 1424.86  
Second Order Coef = 12.91  
Standard Deviation = 11.492740

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

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0002
0.040	0.040	-0.0003
0.100	0.100	-0.0001
0.200	0.200	0.0003
0.300	0.300	-0.0001

Sol Value = 0.080 g/210L \*\*\*  
Fit value = 0.3810 mg/l %%%  
Samples Taken = 4, Discarded = 1

Channel 1 Data:  
Sample #1 = 3100.00  
Sample #2 = 3072.00  
Sample #3 = 3049.00  
Sample #4 = 3072.00  
Average Result = 3064.3333  
STD DEV = 13.2791  
REL STD DEV = 0.433

Channel 2 Data:  
Sample #1 = 3393.00  
Sample #2 = 3358.00  
Sample #3 = 3342.00  
Sample #4 = 3366.00  
Average Result = 3355.3333  
STD DEV = 12.2202  
REL STD DEV = 0.364

Dry Gas H2O Adjust Results  
Barometric Pressure = 1021  
3 um H2O Adjust (mg/l\*10,000) = 745  
9 um H2O Adjust (mg/l\*10,000) = 454  
\*\*\*\* AUTO CAL PASS



Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-007381	Broward CSO	02/08/2023	TDG MG

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 ✓ ≤0.003 of Wet ✓																																																																																																																																																
<div>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007381 02/08/2023 Software: 8100.27</div> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>15:14</td></tr><tr><td>Control Test</td><td>0.049</td><td>15:14</td></tr><tr><td>Air Blank</td><td>0.000</td><td>15:15</td></tr><tr><td>Control Test</td><td>0.049</td><td>15:16</td></tr><tr><td>Air Blank</td><td>0.000</td><td>15:16</td></tr><tr><td>Control Test</td><td>0.049</td><td>15:17</td></tr><tr><td>Air Blank</td><td>0.000</td><td>15:17</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.0490</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> <div>Operator's Signature</div>	Test	g/210L	Time	Air Blank	0.000	15:14	Control Test	0.049	15:14	Air Blank	0.000	15:15	Control Test	0.049	15:16	Air Blank	0.000	15:16	Control Test	0.049	15:17	Air Blank	0.000	15:17	Control Test Stats			Average	0.0490		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<div>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007381 02/08/2023 Software: 8100.27</div> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>15:21</td></tr><tr><td>Control Test</td><td>0.078</td><td>15:22</td></tr><tr><td>Air Blank</td><td>0.000</td><td>15:22</td></tr><tr><td>Control Test</td><td>0.078</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>0.077</td><td>15:24</td></tr><tr><td>Air Blank</td><td>0.000</td><td>15:25</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.0777</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7434</td><td></td></tr></table> <div>Operator's Signature</div>	Test	g/210L	Time	Air Blank	0.000	15:21	Control Test	0.078	15:22	Air Blank	0.000	15:22	Control Test	0.078	15:23	Air Blank	0.000	15:24	Control Test	0.077	15:24	Air Blank	0.000	15:25	Control Test Stats			Average	0.0777		Std Dev	0.0006		Rel Std Dev(%)	0.7434		<div>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007381 02/08/2023 Software: 8100.27</div> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>15:29</td></tr><tr><td>Control Test</td><td>0.198</td><td>15:30</td></tr><tr><td>Air Blank</td><td>0.000</td><td>15:31</td></tr><tr><td>Control Test</td><td>0.199</td><td>15:31</td></tr><tr><td>Air Blank</td><td>0.000</td><td>15:32</td></tr><tr><td>Control Test</td><td>0.198</td><td>15:33</td></tr><tr><td>Air Blank</td><td>0.000</td><td>15:33</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.1983</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.2911</td><td></td></tr></table> <div>Operator's Signature</div>	Test	g/210L	Time	Air Blank	0.000	15:29	Control Test	0.198	15:30	Air Blank	0.000	15:31	Control Test	0.199	15:31	Air Blank	0.000	15:32	Control Test	0.198	15:33	Air Blank	0.000	15:33	Control Test Stats			Average	0.1983		Std Dev	0.0006		Rel Std Dev(%)	0.2911		<div><b>DGS</b></div> <div>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007381 02/08/2023 Software: 8100.27</div> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>15:26</td></tr><tr><td>Control Test</td><td>0.080</td><td>15:26</td></tr><tr><td>Air Blank</td><td>0.000</td><td>15:26</td></tr><tr><td>Control Test</td><td>0.079</td><td>15:27</td></tr><tr><td>Air Blank</td><td>0.000</td><td>15:27</td></tr><tr><td>Control Test</td><td>0.081</td><td>15:28</td></tr><tr><td>Air Blank</td><td>0.000</td><td>15:28</td></tr><tr><td colspan="3">Control Test Stats</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> <div>Operator's Signature</div>	Test	g/210L	Time	Air Blank	0.000	15:26	Control Test	0.080	15:26	Air Blank	0.000	15:26	Control Test	0.079	15:27	Air Blank	0.000	15:27	Control Test	0.081	15:28	Air Blank	0.000	15:28	Control Test Stats			Average	0.0800		Std Dev	0.0010		Rel Std Dev(%)	1.2500	
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Comments:

# Florida Department of Law Enforcement

## Alcohol Testing Program

### DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BROWARD COUNTY SO  
Time of Inspection: 14:02

Date of Inspection: 02/16/2023

Serial Number: 80-007381  
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#:AG223802 Exp: 08/26/2024
0.000	0.048	0.077	0.197	0.079
0.000	0.048	0.077	0.197	0.079
0.000	0.047	0.077	0.197	0.079
0.000	0.048	0.077	0.197	0.079
0.000	0.048	0.077	0.197	0.079
0.000	0.048	0.077	0.197	0.079
0.000	0.048	0.077	0.197	0.079
0.000	0.048	0.077	0.196	0.079
0.000	0.048	0.077	0.197	0.079
0.000	0.048	0.077	0.197	0.079


Standard Deviations	0.0003	0.0000	0.0003	0.0000
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0001 Number of Simulators Used: 5

Remarks:

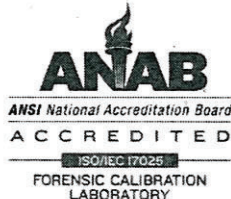
The above instrument complies ( ☒ ) does not comply ( ☐ ) with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

  
TAYLOR D GUTSCHOW  
Signature and Printed Name

02/16/2023  
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 80-007381, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007381</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>BROWARD COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/16/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:02</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  $\pm 0.005$  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.

02/16/2023

Date

  
TAYLOR D GUTSCHOW,  
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1