




STABILITY CHECKS

OSCEOLA COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-003937  
 02/09/2023  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:01
Control Test	0.048	11:02
Air Blank	0.000	11:02
Control Test	0.048	11:03
Air Blank	0.000	11:04
Control Test	0.048	11:04
Air Blank	0.000	11:05
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

  
 Operator's Signature

OSCEOLA COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-003937  
 02/09/2023  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:14
Control Test	0.078	11:15
Air Blank	0.000	11:16
Control Test	0.078	11:16
Air Blank	0.000	11:17
Control Test	0.078	11:18
Air Blank	0.000	11:19
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

  
 Operator's Signature

OSCEOLA COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-003937  
 12/09/2023  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:30
Control Test	0.199	11:30
Air Blank	0.000	11:31
Control Test	0.199	11:32
Air Blank	0.000	11:32
Control Test	0.198	11:33
Air Blank	0.000	11:33
Control Test Stats		
Average	0.1987	
Std Dev	0.0006	
Rel Std Dev(%)	0.2906	

  
 Operator's Signature

OSCEOLA COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-003937  
 02/09/2023  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:36
Control Test	0.076	11:37
Air Blank	0.000	11:37
Control Test	0.076	11:37
Air Blank	0.000	11:38
Control Test	0.077	11:38
Air Blank	0.000	11:39
Control Test Stats		
Average	0.0763	
Std Dev	0.0006	
Rel Std Dev(%)	0.7564	

D65

  
 Operator's Signature

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: OSCEOLA COUNTY S.O.  
Time of Inspection: 09:05

Date of Inspection: 02/13/2023

Serial Number: 80-003937  
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#:AG229803 Exp: 10/25/2024
0.000	0.050	0.079	0.200	0.081
0.000	0.050	0.079	0.201	0.081
0.000	0.050	0.080	0.202	0.081
0.000	0.050	0.080	0.202	0.082
0.000	0.051	0.080	0.202	0.081
0.000	0.051	0.080	0.201	0.081
0.000	0.050	0.080	0.202	0.082
0.000	0.051	0.080	0.202	0.081
0.000	0.051	0.080	0.202	0.081
0.000	0.050	0.080	0.202	0.082
0.000	0.051	0.080	0.202	0.081
0.000	0.051	0.080	0.202	0.081
0.000	0.050	0.079	0.202	0.081

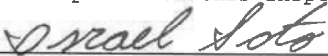
Standard Deviations	0.0005	0.0004	0.0006	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

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.

  
 \_\_\_\_\_  
 Signature and Printed Name ISRAEL ~~X~~ SOTO  
 Date *No middle initial*  
*IS*



Florida Department of Law Enforcement  
 Alcohol Testing Program  
 2331 Phillips Road.  
 Suite B1032  
 Tallahassee, FL 32308

# Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-003937, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-003937</u>	UNCERTAINTY* ±	
Owning Agency:	<u>OSCEOLA COUNTY S.O.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/13/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>09:05</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. Digitally signed by Israel Soto  
 This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

**Israel Soto**  
 Soto  
 Date: 2023.02.13  
 09:15:12 -05'00'

**02/13/2023**

Date

**ISRAEL X SOTO**, No middle initial.  
 Department Inspector

FDLE/ATP Form 69 March 2022  
 Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

OSCEOLA COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-003937  
02/10/2023 13:57:27

*Optical Bench Calibration  
Adjustment*

3

Auto Calibration

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Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.1060	(-0.0180)	0.1470	(-0.0070)
Sample #2	0.0760	(0.0150)	0.1460	(-0.0200)
Sample #3	0.1200	(0.0050)	0.1430	(-0.0100)
Sample #4	0.0660	(0.0440)	0.1280	(0.0050)
Avg % Abs	0.0873	(0.0213)	0.1390	(-0.0083)
STD DEV	0.0287	(0.0203)	0.0096	(0.0126)
REL STD DEV	32.895	(94.953)	6.938	(150.997)

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Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8060	(-0.0060)	1.5130	(0.0040)
Sample #2	0.7650	(0.0220)	1.4730	(0.0340)
Sample #3	0.8150	(0.0040)	1.5050	(0.0070)
Sample #4	0.8120	(0.0150)	1.5030	(0.0240)
Avg % Abs	0.7973	(0.0137)	1.4937	(0.0217)
STD DEV	0.0280	(0.0091)	0.0179	(0.0137)
REL STD DEV	3.517	(66.393)	1.200	(63.002)

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Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.8120	(-0.0150)	3.4220	(-0.0020)
Sample #2	1.8230	(-0.0080)	3.4540	(-0.0150)
Sample #3	1.8370	(0.0000)	3.4660	(-0.0070)
Sample #4	1.8400	(0.0140)	3.4640	(0.0000)
Avg % Abs	1.8333	(0.0020)	3.4613	(-0.0073)
STD DEV	0.0091	(0.0111)	0.0064	(0.0075)
REL STD DEV	0.495	(556.776)	0.186	(102.348)

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Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.4830	(0.0000)	6.5570	(-0.0090)
Sample #2	3.5280	(0.0050)	6.5750	(-0.0170)
Sample #3	3.4650	(0.0360)	6.5400	(-0.0080)
Sample #4	3.5210	(0.0280)	6.5880	(-0.0070)
Avg % Abs	3.5047	(0.0230)	6.5677	(-0.0107)
STD DEV	0.0345	(0.0161)	0.0248	(0.0055)
REL STD DEV	0.985	(69.972)	0.378	(51.633)

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Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.1040	(-0.0070)	9.5210	(-0.0130)
Sample #2	5.1180	(0.0030)	9.5080	(0.0050)
Sample #3	5.1490	(0.0030)	9.5300	(-0.0120)
Sample #4	5.1160	(0.0280)	9.5080	(0.0150)
Avg % Abs	5.1277	(0.0113)	9.5153	(0.0027)
STD DEV	0.0185	(0.0144)	0.0127	(0.0137)
REL STD DEV	0.361	(127.357)	0.133	(511.890)

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Optical Bench Calibration

Adjustment



OSCEOLA COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-003937  
02/10/2023 13:57:27

Auto Calibration

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<<<< 9um >>>>

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Zero Order Coef -240.44  
First Order Coef 2674.73  
Second Order Coef 30.98  
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-193.77  
1382.67  
14.63  
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Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0001
0.040	0.040	-0.0002
0.100	0.100	-0.0001
0.200	0.200	0.0002
0.300	0.300	-0.0001

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0000
0.040	0.040	0.0000
0.100	0.100	-0.0001
0.200	0.200	0.0001
0.300	0.300	-0.0000

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<<<< 9um >>>>

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Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1  
Sample

Sample #1	3110.00	3181.00
Sample #2	2962.00	3146.00
Sample #3	2926.00	3150.00
Sample #4	2938.00	3162.00
Avg	2942.0000	3152.6667
STD DEV	18.3303	8.3267
REL STD DEV	0.623	0.264
H2O adjust (mg/l*10k)	867	657

Barometric Pressure = 1013

\*\*\*\*\*CALIBRATION SUCCESSFUL\*\*\*\*\*

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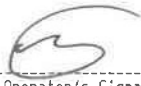
Test	g/210L	Time
Air Blank	0.000	14:58
Control Test	0.049	14:59
Air Blank	0.000	14:59
Control Test	0.048	15:00
Air Blank	0.000	15:01
Control Test	0.049	15:01
Air Blank	0.000	15:02
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	



Operator's Signature

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 Intoxilyzer - Alcohol Analyzer  
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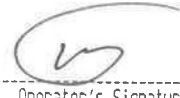
Test	g/210L	Time
Air Blank	0.000	15:05
Control Test	0.078	15:06
Air Blank	0.000	15:06
Control Test	0.078	15:07
Air Blank	0.000	15:07
Control Test	0.078	15:08
Air Blank	0.000	15:09
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	



Operator's Signature

OSCEOLA COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-003937  
 02/10/2023  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:09
Control Test	0.199	15:10
Air Blank	0.000	15:11
Control Test	0.200	15:11
Air Blank	0.000	15:12
Control Test	0.200	15:12
Air Blank	0.000	15:13
Control Test Stats		
Average	0.1997	
Std Dev	0.0006	
Rel Std Dev(%)	0.2892	



Operator's Signature

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 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-003937  
 02/10/2023  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:16
Control Test	0.079	15:16
Air Blank	0.000	15:17
Control Test	0.079	15:17
Air Blank	0.000	15:17
Control Test	0.079	15:18
Air Blank	0.000	15:18
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS



Operator's Signature

Poste stability checks

