

Agency Lake County SO

S/N 80-001238

Date In 01/28/2025 DI Completion Date 02/05/2025

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Calibration Adjustment

By DA

Barometric Pressure Gauge 1018 ID # 28427

■ Post Calibration Adjustment Stability Checks

Notes/Suggested Service:

Department Inspection

By DA

Barometric Pressure ID# 30793Gauge 1019 Instrument 1019Mouth Alcohol Solution Lot # 2024-AAcetone Stock Solution Lot # 2024-B

Attachments

- | | |
|--|--|
| ☒ Form 41
☒ Stability Checks
☒ Calibration Certificate
☒ Calibration Adjustment | ☒ Post-Stability Checks
☐ Flow Calibration
☐ Form 40
☐ Other _____ |
|--|--|

- ☒ 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

Taylor
Gutschow

Digitally signed by Taylor
Gutschow
Date: 2025.02.06 10:09:45
-05'00'

Tech Review / Date

Shayla
Platt

Digitally signed by

Shayla Platt

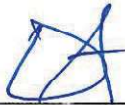
Date: 2025.02.10

Admin Review / Date

Stability Checks 80-001238 DA 1/29/25

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001238
01/29/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:56
Control Test	0.048	12:57
Air Blank	0.000	12:58
Control Test	0.047	12:58
Air Blank	0.000	12:59
Control Test	0.047	13:00
Air Blank	0.000	13:00
Control Test Stats		
Average	0.0473	
Std Dev	0.0006	
Rel Std Dev(%)	1.2198	



Operator's Signature

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001238
01/29/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	ABT*	13:02
Air Blank	0.000	13:03

*Sequence Aborted



Operator's Signature

Started stability checks set to only 2 analyses.
Aborted stability check and repeated with
correct number of analyses. DA 1/29/25

LAKE COUNTY SO

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-001238

01/29/2025

Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:03
Control Test	0.078	13:04
Air Blank	0.000	13:04
Control Test	0.077	13:05
Air Blank	0.000	13:06
Control Test	0.077	13:06
Air Blank	0.000	13:07
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

Wet

Operator's Signature

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001238
01/29/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:09
Control Test	0.200	13:09
Air Blank	0.000	13:10
Control Test	0.198	13:11
Air Blank	0.000	13:11
Control Test	0.198	13:12
Air Blank	0.000	13:13
Control Test Stats		
Average	0.1987	
Std Dev	0.0012	
Rel Std Dev(%)	0.5812	



Operator's Signature

LAKE COUNTY SO

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-001238

01/29/2025

Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:14
Control Test	0.076	13:15
Air Blank	0.000	13:15
Control Test	0.076	13:15
Air Blank	0.000	13:16
Control Test	0.075	13:16
Air Blank	0.000	13:17
Control Test Stats		
Average	0.0757	
Std. Dev	0.0006	
Rel. Std Dev (%)	0.7630	

DGS



Operator's Signature

Optical Bench Calibration Adjustment DA 2/5/25

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001238
02/05/2025 08:56:30

Auto Calibration

pg 1 of 2

<<<<< 3um >>>>> <<<<< 9um >>>>>

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.1420	(-0.0290)	0.1120	(0.0010)
Sample #2	0.1430	(-0.0010)	0.1260	(-0.0050)
Sample #3	0.1560	(0.0370)	0.1320	(0.0110)
Sample #4	0.1370	(0.0560)	0.1240	(0.0200)
Avg % Abs	0.1453	(0.0307)	0.1273	(0.0087)
STD DEV	0.0097	(0.0290)	0.0042	(0.0127)
REL STD DEV	6.683	(94.640)	3.270	(146.103)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.9160	(-0.0190)	1.5620	(-0.0060)
Sample #2	0.9340	(0.0030)	1.5840	(-0.0030)
Sample #3	0.9410	(0.0100)	1.5600	(0.0040)
Sample #4	0.8990	(0.0300)	1.5580	(0.0060)
Avg % Abs	0.9247	(0.0143)	1.5673	(0.0023)
STD DEV	0.0225	(0.0140)	0.0145	(0.0047)
REL STD DEV	2.434	(97.757)	0.923	(202.535)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	2.0620	(0.0080)	3.6810	(0.0070)
Sample #2	2.0030	(0.0590)	3.6140	(0.0560)
Sample #3	2.0260	(0.0690)	3.6350	(0.0560)
Sample #4	2.0380	(0.0620)	3.6280	(0.0500)
Avg % Abs	2.0223	(0.0633)	3.6257	(0.0540)
STD DEV	0.0178	(0.0051)	0.0107	(0.0035)
REL STD DEV	0.879	(8.103)	0.295	(6.415)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.9100	(-0.0170)	7.0500	(-0.0060)
Sample #2	3.8460	(0.0550)	6.9590	(0.0850)
Sample #3	3.8690	(0.0480)	6.9510	(0.0850)
Sample #4	3.8440	(0.0810)	6.9390	(0.0970)
Avg % Abs	3.8530	(0.0613)	6.9497	(0.0890)
STD DEV	0.0139	(0.0174)	0.0101	(0.0069)
REL STD DEV	0.361	(28.350)	0.145	(7.784)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.7290	(-0.0290)	10.2490	(-0.0070)
Sample #2	5.6830	(0.0440)	10.1660	(0.0760)
Sample #3	5.6720	(0.0770)	10.1650	(0.0950)
Sample #4	5.6720	(0.0660)	10.1590	(0.0910)
Avg % Abs	5.6757	(0.0623)	10.1633	(0.0873)
STD DEV	0.0064	(0.0168)	0.0038	(0.0100)
REL STD DEV	0.112	(26.956)	0.037	(11.469)

LAKE COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001238
 02/05/2025 08:56:30

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

 Zero Order Coef -397.21
 First Order Coef 2528.19
 Second Order Coef 10.64

<<<< 9um >>>>

 -184.12
 1331.57
 9.12

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.001	0.0006
0.040	0.041	-0.0009
0.100	0.100	0.0001
0.200	0.200	0.0005
0.300	0.300	-0.0002

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0003
0.040	0.040	-0.0004
0.100	0.100	-0.0000
0.200	0.200	0.0003
0.300	0.300	-0.0001

<<<< 3um >>>>

<<<< 9um >>>>

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

Sample #1	2900.00	3507.00
Sample #2	2900.00	3517.00
Sample #3	2824.00	3463.00
Sample #4	2705.00	3470.00
Avg	2809.6667	3483.3333
STD DEV	98.2870	29.3655
REL STD DEV	3.498	0.843
H2O adjust (mg/l*10k)	1000	326

Barometric Pressure = 1018

*****CALIBRATION SUCCESSFUL*****

Post-Stability Checks 80-001238 DA 2/5/25

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001238
02/05/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:51
Control Test	0.049	09:52
Air Blank	0.000	09:52
Control Test	0.049	09:53
Air Blank	0.000	09:53
Control Test	0.049	09:54
Air Blank	0.000	09:55
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DA

Operator's Signature

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001238
02/05/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:57
Control Test	0.080	09:58
Air Blank	0.000	09:59
Control Test	0.080	09:59
Air Blank	0.000	10:00
Control Test	0.080	10:01
Air Blank	0.000	10:01
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Wet

DA

Operator's Signature

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001238
02/05/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:38
Control Test	0.201	10:39
Air Blank	0.000	10:39
Control Test	0.199	10:40
Air Blank	0.000	10:41
Control Test	0.199	10:41
Air Blank	0.000	10:42
Control Test Stats		
Average	0.1997	
Std Dev	0.0012	
Rel Std Dev(%)	0.5783	

DA

Operator's Signature

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001238
02/05/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:44
Control Test	0.078	10:44
Air Blank	0.000	10:45
Control Test	0.079	10:45
Air Blank	0.000	10:46
Control Test	0.079	10:46
Air Blank	0.000	10:46
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

DGS

DA

Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: LAKE COUNTY SO
Time of Inspection: 12:58

Date of Inspection: 02/05/2025

Serial Number: 80-001238
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#:202406K Exp: 06/19/2026	0.08g/210L Test (g/210L) Lot#:202406L Exp: 06/19/2026	0.20g/210L Test (g/210L) Lot#:202406N Exp: 06/20/2026	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG429602 Exp: 10/22/2026
0.000	0.049	0.080	0.201	0.078
0.000	0.049	0.080	0.201	0.079
0.000	0.049	0.080	0.200	0.079
0.000	0.049	0.080	0.200	0.079
0.000	0.049	0.080	0.201	0.078
0.000	0.049	0.081	0.201	0.078
0.000	0.049	0.081	0.200	0.079
0.000	0.049	0.080	0.200	0.079
0.000	0.049	0.081	0.201	0.079
0.000	0.049	0.081	0.200	0.078

Standard Deviations	0.0000	0.0005	0.0005	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5

Remarks:

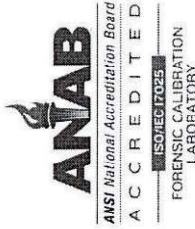
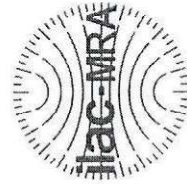
The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

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

DESTINEE N ARMSTRONG

Signature and Printed Name

02/05/2025
Date



Calibration Certificate

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

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001238, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001238</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>LAKE COUNTY SO</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>02/05/2025</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>12:58</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.

02/05/2025

Date

DESTINEE N ARMSTRONG,

Department Inspector

FDLE/ATP Form 69 October 2024

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality