

Stability Checks

80-001274

DA

3/24/25

PINELLAS COUNTY SO

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-001274

03/24/2025

Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:30
Control Test	0.048	14:31
Air Blank	0.000	14:32
Control Test	0.048	14:32
Air Blank	0.000	14:33
Control Test	0.047	14:34
Air Blank	0.000	14:34
Control Test Stats		
Average	0.0477	
Std Dev	0.0006	
Rel Std Dev(%)	1.2112	



Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001274
03/24/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:45
Control Test	0.081	14:46
Air Blank	0.000	14:46
Control Test	0.079	14:47
Air Blank	0.000	14:48
Control Test	0.079	14:48
Air Blank	0.000	14:49
Control Test Stats		
Average	0.0797	
Std Dev	0.0012	
Rel Std Dev(%)	1.4494	

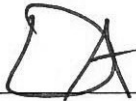
wet

DA

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001274
03/24/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:36
Control Test	0.201	14:36
Air Blank	0.000	14:37
Control Test	0.199	14:37
Air Blank	0.000	14:38
Control Test	0.199	14:39
Air Blank	0.000	14:39
Control Test Stats		
Average	0.1997	
Std Dev	0.0012	
Rel Std Dev(%)	0.5783	



Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001274
03/24/2025
Software: 8100.27

Test	g/210L	Time
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Air Blank	0.000	14:41
Control Test	0.077	14:41
Air Blank	0.000	14:42
Control Test	0.076	14:42
Air Blank	0.000	14:43
Control Test	0.077	14:43
Air Blank	0.000	14:43
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	

DGS

DA

Operator's Signature

Optical Bench Calibration Adjustment DA 3/25/25

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001274
03/25/2025 09:16:31

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	0.1010	(-0.0190)	0.1100	(-0.0040)	
Sample #2	0.0520	(0.0360)	0.1050	(0.0060)	
Sample #3	0.0730	(0.0310)	0.1000	(0.0060)	
Sample #4	0.0870	(0.0660)	0.1110	(0.0170)	
Avg % Abs	0.0707	(0.0443)	0.1053	(0.0097)	
STD DEV	0.0176	(0.0189)	0.0055	(0.0064)	
REL STD DEV	24.929	(42.699)	5.229	(65.698)	

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.7540	(-0.0110)	1.5540	(-0.0120)	
Sample #2	0.7900	(0.0100)	1.5450	(0.0000)	
Sample #3	0.7880	(-0.0040)	1.5180	(0.0050)	
Sample #4	0.7930	(0.0070)	1.5400	(0.0130)	
Avg % Abs	0.7903	(0.0043)	1.5343	(0.0060)	
STD DEV	0.0025	(0.0074)	0.0144	(0.0066)	
REL STD DEV	0.318	(170.103)	0.936	(109.291)	

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.8720	(-0.0230)	3.6720	(-0.0160)	
Sample #2	1.8440	(0.0340)	3.6170	(0.0490)	
Sample #3	1.8410	(0.0510)	3.6160	(0.0520)	
Sample #4	1.8630	(0.0310)	3.6330	(0.0530)	
Avg % Abs	1.8493	(0.0387)	3.6220	(0.0513)	
STD DEV	0.0119	(0.0108)	0.0095	(0.0021)	
REL STD DEV	0.645	(27.894)	0.263	(4.055)	

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	3.5750	(0.0080)	6.9980	(-0.0070)	
Sample #2	3.5510	(0.0560)	6.9160	(0.0820)	
Sample #3	3.5570	(0.0520)	6.9010	(0.0890)	
Sample #4	3.5260	(0.0890)	6.8990	(0.1140)	
Avg % Abs	3.5447	(0.0657)	6.9053	(0.0950)	
STD DEV	0.0164	(0.0203)	0.0093	(0.0168)	
REL STD DEV	0.464	(30.923)	0.135	(17.708)	

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	5.2740	(-0.0060)	10.1690	(-0.0160)	
Sample #2	5.2920	(0.0270)	10.0650	(0.0960)	
Sample #3	5.2010	(0.1000)	10.0180	(0.1370)	
Sample #4	5.2000	(0.1010)	10.0360	(0.1490)	
Avg % Abs	5.2310	(0.0760)	10.0397	(0.1273)	
STD DEV	0.0528	(0.0424)	0.0237	(0.0278)	
REL STD DEV	1.010	(55.840)	0.236	(21.825)	

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001274
03/25/2025 09:16:31

Auto Calibration

<<<<< 3um >>>>>			<<<<< 9um >>>>>		
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Zero Order Coef	-201.59			-139.80	
First Order Coef	2657.84			1311.16	
Second Order Coef	21.74			12.55	
-----			-----		
Act	Fit	Residual	Act	Fit	Residual
(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)
0.000	-0.000	0.0003	0.000	-0.000	0.0000
0.040	0.040	-0.0002	0.040	0.040	0.0001
0.100	0.101	-0.0005	0.100	0.100	-0.0003
0.200	0.199	0.0007	0.200	0.200	0.0002
0.300	0.300	-0.0002	0.300	0.300	-0.0001
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	<<<<< 3um >>>>>	<<<<< 9um >>>>>
	-----	-----
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1		
Sample		
Sample #1	3576.00	3679.00
Sample #2	3642.00	3653.00
Sample #3	3665.00	3697.00
Sample #4	3655.00	3668.00
Avg	3654.0000	3672.6667
STD DEV	11.5326	22.3681
REL STD DEV	0.316	0.609
H2O adjust (mg/l*10k)	155	137

Barometric Pressure = 1014

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

Post-Stability Checks 80-001274 DA

3/25/25

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001274
03/25/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:28
Control Test	0.041	15:29
Air Blank	0.000	15:29
Control Test	0.041	15:30
Air Blank	0.000	15:30
Control Test	0.042	15:31
Air Blank	0.000	15:31
Control Test Stats		
Average	0.0413	
Std Dev	0.0006	
Rel Std Dev(%)	1.3968	



Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001274
03/25/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:04
Control Test	0.080	10:05
Air Blank	0.000	10:05
Control Test	0.080	10:06
Air Blank	0.000	10:06
Control Test	0.080	10:07
Air Blank	0.000	10:08
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Wet



Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001274
03/25/2025
Software: 8100.27

Test	g/210L	Time
-----	-----	-----
Air Blank	0.000	10:09
Control Test	0.202	10:10
Air Blank	0.000	10:11
Control Test	0.200	10:11
Air Blank	0.000	10:12
Control Test	0.200	10:13
Air Blank	0.000	10:13
Control Test Stats		
Average	0.2007	
Std Dev	0.0012	
Rel Std Dev(%)	0.5754	



Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001274
03/25/2025
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Test	g/210L	Time
Air Blank	0.000	10:15
Control Test	0.073	10:15
Air Blank	0.000	10:16
Control Test	0.073	10:16
Air Blank	0.000	10:17
Control Test	0.073	10:17
Air Blank	0.000	10:18
Control Test Stats		
Average	0.0730	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

DA 3/25/25

DA DA
Operator's Signature

NO user/equipment error identified following
root-cause analysis. I recommend repair.

DA 3/25/25

Return Material Authorization

Ship to: ☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Malcolm Deane on 03/25/2025

Items Returned: Instrument ☒ Supplies ☐ Other ☐ Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-001274

Bill To Address:

Pinellas County SO

ATTN: Malcolm Deane

Ship to Address:

Florida Department of Law Enforcement

FMROC

Alcohol Testing Program

4700 Terminal Dr Suite 1

Fort Myers, FL 33907

Reason for Return:

Instrument producing out-of-range values for stability checks. Following an optical bench
calibration adjustment, stability check values remained outside of nominal range. Instrument
was just returned to FDLE from CMI.

Please choose one of the following options:

☐ 1. I _____, authorize all repairs.

☐ 2. I _____, authorize repairs up to \$_____.

☒ 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Malcolm Deane

Phone #: 727-488-1765 Email: mdeane@pcsonet.com

ATP Contact Name: Taylor Gutschow ATP Email: taylorgutschow@fdle.state.fl.us