

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 1079	Largo PD	01/26/2023	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 ✓
LARGO PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001079 01/26/2023 Software: 8100.27	LARGO PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001079 01/26/2023 Software: 8100.27	LARGO PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001079 01/26/2023 Software: 8100.27	DGS LARGO PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001079 01/26/2023 Software: 8100.27
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 10:31	Air Blank 0.000 10:38	Air Blank 0.000 10:45	Air Blank 0.000 10:25
Control Test 0.050 10:32	Control Test 0.079 10:39	Control Test 0.200 10:46	Control Test 0.080 10:25
Air Blank 0.000 10:33	Air Blank 0.000 10:39	Air Blank 0.000 10:46	Air Blank 0.000 10:25
Control Test 0.049 10:33	Control Test 0.078 10:40	Control Test 0.199 10:47	Control Test 0.081 10:26
Air Blank 0.000 10:34	Air Blank 0.000 10:40	Air Blank 0.000 10:47	Air Blank 0.000 10:26
Control Test 0.048 10:35	Control Test 0.078 10:41	Control Test 0.199 10:48	Control Test 0.081 10:27
Air Blank 0.000 10:35	Air Blank 0.000 10:42	Air Blank 0.000 10:49	Air Blank 0.000 10:27
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0490	Average 0.0783	Average 0.1993	Average 0.0807
Std Dev 0.0010	Std Dev 0.0006	Std Dev 0.0006	Std Dev 0.0006
Rel Std Dev(%) 2.0408	Rel Std Dev(%) 0.7370	Rel Std Dev(%) 0.2896	Rel Std Dev(%) 0.7157
MG Operator's Signature	MG Operator's Signature	MG Operator's Signature	MG Operator's Signature

Comments: Will perform an optical cal adjust to bring the 0.08
ARS and DGS into a more nominal agreement. *MG* 01/26/2023

LARGO PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001079
02/01/2023 09:27:41

Auto Calibration
Max Power Res Value = 83
Auto Range Res Value = 67

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
3um lo = 12631, 9um lo = 13371

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.1250 (-0.0180)
Sample #2 = 0.1470 (0.0160)
Sample #3 = 0.1300 (0.0170)
Sample #4 = 0.1420 (0.0710)
Avg % Abs = 0.1397 (0.0347)
STD DEV = 0.0087 (0.0315)
REL STD DEV = 6.256 (90.778)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.1230 (-0.0110)
Sample #2 = 0.1290 (0.0050)
Sample #3 = 0.1400 (-0.0010)
Sample #4 = 0.1350 (0.0070)
Avg % Abs = 0.1347 (0.0037)
STD DEV = 0.0055 (0.0042)
REL STD DEV = 4.090 (113.545)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um lo = 12610, 9um lo = 13362

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.8490 (-0.0070)
Sample #2 = 0.8640 (-0.0080)
Sample #3 = 0.8820 (0.0220)
Sample #4 = 0.8500 (0.0460)
Avg % Abs = 0.8653 (0.0200)
STD DEV = 0.0160 (0.0271)
REL STD DEV = 1.854 (135.277)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.5160 (0.0000)
Sample #2 = 1.5420 (-0.0040)
Sample #3 = 1.5280 (0.0150)
Sample #4 = 1.4980 (0.0360)
Avg % Abs = 1.5227 (0.0157)
STD DEV = 0.0225 (0.0200)
REL STD DEV = 1.476 (127.713)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
3um lo = 12595, 9um lo = 13355

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.9830 (-0.0280)
Sample #2 = 1.9580 (-0.0130)
Sample #3 = 1.9570 (0.0190)
Sample #4 = 1.9500 (0.0110)
Avg % Abs = 1.9550 (0.0057)
STD DEV = 0.0044 (0.0167)
REL STD DEV = 0.223 (293.882)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 3.6160 (-0.0070)
Sample #2 = 3.5650 (0.0140)
Sample #3 = 3.5840 (0.0370)
Sample #4 = 3.5700 (0.0330)
Avg % Abs = 3.5730 (0.0280)
STD DEV = 0.0098 (0.0123)
REL STD DEV = 0.276 (43.886)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
3um lo = 12588, 9um lo = 13351

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 3.7510 (-0.0240)
Sample #2 = 3.7390 (0.0340)
Sample #3 = 3.7250 (0.0240)
Sample #4 = 3.7300 (0.0530)
Avg % Abs = 3.7313 (0.0370)
STD DEV = 0.0071 (0.0147)
REL STD DEV = 0.190 (39.813)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 6.8710 (-0.0060)
Sample #2 = 6.8020 (0.0600)
Sample #3 = 6.8400 (0.0430)
Sample #4 = 6.8210 (0.0770)
Avg % Abs = 6.8210 (0.0600)
STD DEV = 0.0190 (0.0170)
REL STD DEV = 0.279 (28.333)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
3um lo = 12578, 9um lo = 13340

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 5.4690 (-0.0080)
Sample #2 = 5.4330 (0.0130)
Sample #3 = 5.4310 (0.0460)
Sample #4 = 5.4310 (0.0620)
Avg % Abs = 5.4317 (0.0403)
STD DEV = 0.0012 (0.0250)
REL STD DEV = 0.021 (61.950)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 9.9620 (-0.0220)
Sample #2 = 9.8980 (0.0440)
Sample #3 = 9.8880 (0.0520)
Sample #4 = 9.8880 (0.0670)
Avg % Abs = 9.8913 (0.0543)
STD DEV = 0.0058 (0.0117)
REL STD DEV = 0.058 (21.490)

Optical Calibration	
SN:	80-001079
Agency:	Largo PD
Date:	02/01/2023
Quadratic Fit:	+/- 0.002g/210L ✓
By:	TDG MG

***** AUTO CAL DATA *****
***** CHANNEL 1 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.140
Std Dev = 0.01 Rel Std Dev = 6.26
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.865
Std Dev = 0.02 Rel Std Dev = 1.85
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.955
Std Dev = 0.00 Rel Std Dev = 0.22
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.731
Std Dev = 0.01 Rel Std Dev = 0.19
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.432
Std Dev = 0.00 Rel Std Dev = 0.02
Zero Order Coef = -342.89
First Order Coef = 2557.15
Second Order Coef = 24.78
Standard Deviation = 16.275322

***** CHANNEL 2 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.135
Std Dev = 0.01 Rel Std Dev = 4.09
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.523
Std Dev = 0.02 Rel Std Dev = 1.48
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.573
Std Dev = 0.01 Rel Std Dev = 0.28
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.821
Std Dev = 0.02 Rel Std Dev = 0.28
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.891
Std Dev = 0.01 Rel Std Dev = 0.06
Zero Order Coef = -171.54
First Order Coef = 1335.66
Second Order Coef = 12.70
Standard Deviation = 8.555451

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0003
0.100	0.100	0.0002
0.200	0.200	-0.0004
0.300	0.300	0.0002

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	-0.0000
0.200	0.200	-0.0001
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 *****
Sample #1 = 3032.00
Sample #2 = 3083.00
Sample #3 = 3091.00
Sample #4 = 3019.00
Average Result = 3064.3333
STD DEV = 39.4631
REL STD DEV = 1.288

***** CHANNEL 2 *****
Sample #1 = 3380.00
Sample #2 = 3387.00
Sample #3 = 3412.00
Sample #4 = 3397.00
Average Result = 3398.6667
STD DEV = 12.5831
REL STD DEV = 0.370

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1024
3 um H2O Adjust (mg/l*10,000) = 745
9 um H2O Adjust (mg/l*10,000) = 411
**** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-00 1079	Largo PD	02/01/2023	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
✓	✓	✓	✓
065			
LARGO PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001079 02/01/2023 Software: 8100.27	LARGO PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001079 02/01/2023 Software: 8100.27	LARGO PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001079 02/01/2023 Software: 8100.27	LARGO PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001079 02/01/2023 Software: 8100.27
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 10:32	Air Blank 0.000 10:41	Air Blank 0.000 10:48	Air Blank 0.000 10:26
Control Test 0.050 10:33	Control Test 0.078 10:41	Control Test 0.200 10:48	Control Test 0.080 10:27
Air Blank 0.000 10:33	Air Blank 0.000 10:42	Air Blank 0.000 10:49	Air Blank 0.000 10:27
Control Test 0.049 10:34	Control Test 0.078 10:43	Control Test 0.199 10:50	Control Test 0.080 10:27
Air Blank 0.000 10:34	Air Blank 0.000 10:43	Air Blank 0.000 10:50	Air Blank 0.000 10:28
Control Test 0.048 10:35	Control Test 0.078 10:44	Control Test 0.199 10:51	Control Test 0.080 10:28
Air Blank 0.000 10:36	Air Blank 0.000 10:44	Air Blank 0.000 10:51	Air Blank 0.000 10:29
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0490	Average 0.0780	Average 0.1993	Average 0.0800
Std Dev 0.0010	Std Dev 0.0000	Std Dev 0.0006	Std Dev 0.0000
Rel Std Dev(%) 2.0408	Rel Std Dev(%) 0.0000	Rel Std Dev(%) 0.2896	Rel Std Dev(%) 0.0000
MG Operator's Signature	MG Operator's Signature	MG Operator's Signature	MG Operator's Signature

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: LARGO PD
Time of Inspection: 13:38

Date of Inspection: 02/01/2023

Serial Number: 80-001079
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#:00521080A2 Exp: 02/05/2023
0.000	0.049	0.078	0.198	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.080

Standard Deviations	0.0000	0.0003	0.0003	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 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

02/01/2023
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 80-001079, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001079</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>LARGO PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/01/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:38</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.

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02/01/2023

Date


TAYLOR D GUTSCHOW,
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

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