





Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 7380	Homestead PD	02/27/2023	TDG ML

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
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<div>HOMESTEAD PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007380 02/27/2023 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>09:38</td></tr><tr><td>Control Test</td><td>0.048</td><td>09:39</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:40</td></tr><tr><td>Control Test</td><td>0.048</td><td>09:40</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:41</td></tr><tr><td>Control Test</td><td>0.048</td><td>09:42</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:42</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.0480</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	09:38	Control Test	0.048	09:39	Air Blank	0.000	09:40	Control Test	0.048	09:40	Air Blank	0.000	09:41	Control Test	0.048	09:42	Air Blank	0.000	09:42	Control Test Stats			Average	0.0480		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<div>HOMESTEAD PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007380 02/27/2023 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>09:45</td></tr><tr><td>Control Test</td><td>0.077</td><td>09:46</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:47</td></tr><tr><td>Control Test</td><td>0.077</td><td>09:47</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:48</td></tr><tr><td>Control Test</td><td>0.077</td><td>09:48</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:49</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.0770</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	09:45	Control Test	0.077	09:46	Air Blank	0.000	09:47	Control Test	0.077	09:47	Air Blank	0.000	09:48	Control Test	0.077	09:48	Air Blank	0.000	09:49	Control Test Stats			Average	0.0770		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<div>HOMESTEAD PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007380 02/27/2023 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>09:52</td></tr><tr><td>Control Test</td><td>0.198</td><td>09:53</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:53</td></tr><tr><td>Control Test</td><td>0.197</td><td>09:54</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:54</td></tr><tr><td>Control Test</td><td>0.198</td><td>09:55</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:56</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.1977</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.2921</td><td></td></tr></table> <div>Operator's Signature</div>	Test	g/210L	Time	Air Blank	0.000	09:52	Control Test	0.198	09:53	Air Blank	0.000	09:53	Control Test	0.197	09:54	Air Blank	0.000	09:54	Control Test	0.198	09:55	Air Blank	0.000	09:56	Control Test Stats			Average	0.1977		Std Dev	0.0006		Rel Std Dev(%)	0.2921		<div>HOMESTEAD PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007380 02/27/2023 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>09:57</td></tr><tr><td>Control Test</td><td>0.081</td><td>09:57</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:57</td></tr><tr><td>Control Test</td><td>0.082</td><td>09:58</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:58</td></tr><tr><td>Control Test</td><td>0.082</td><td>09:59</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:59</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.0817</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7070</td><td></td></tr></table> <div>Operator's Signature</div>	Test	g/210L	Time	Air Blank	0.000	09:57	Control Test	0.081	09:57	Air Blank	0.000	09:57	Control Test	0.082	09:58	Air Blank	0.000	09:58	Control Test	0.082	09:59	Air Blank	0.000	09:59	Control Test Stats			Average	0.0817		Std Dev	0.0006		Rel Std Dev(%)	0.7070	
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Comments:

Will perform an optical cal adjust.

ML 2/27/2023

HOMESTEAD PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007380  
03/08/2023 09:43:53

Auto Calibration  
Max Power Res Value = 76  
Auto Range Res Value = 10

Sol Value = 0.000 g/210L \*\*\*  
Fit value = 0.0000 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um lo = 12650, 9um lo = 12969

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.1170 (-0.0150)  
Sample #2 = 0.1100 (0.0400)  
Sample #3 = 0.1040 (0.0770)  
Sample #4 = 0.1010 (0.1120)  
Avg % Abs = 0.1050 (0.0763)  
STD DEV = 0.0046 (0.0360)  
REL STD DEV = 4.364 (47.168)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.0910 (-0.0100)  
Sample #2 = 0.0890 (0.0030)  
Sample #3 = 0.0850 (0.0150)  
Sample #4 = 0.0980 (0.0170)  
Avg % Abs = 0.0907 (0.0117)  
STD DEV = 0.0067 (0.0076)  
REL STD DEV = 7.344 (64.902)

Sol Value = 0.040 g/210L \*\*\*  
Fit value = 0.1905 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um lo = 12624, 9um lo = 12960

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.8200 (-0.0130)  
Sample #2 = 0.7940 (0.0230)  
Sample #3 = 0.8150 (0.0320)  
Sample #4 = 0.8050 (0.0500)  
Avg % Abs = 0.8047 (0.0350)  
STD DEV = 0.0105 (0.0137)  
REL STD DEV = 1.305 (39.279)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 1.4020 (-0.0170)  
Sample #2 = 1.3770 (0.0040)  
Sample #3 = 1.3910 (0.0050)  
Sample #4 = 1.3850 (0.0240)  
Avg % Abs = 1.3843 (0.0110)  
STD DEV = 0.0070 (0.0113)  
REL STD DEV = 0.507 (102.449)

Sol Value = 0.100 g/210L \*\*\*  
Fit value = 0.4762 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um lo = 12610, 9um lo = 12952

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 1.8830 (-0.0120)  
Sample #2 = 1.8750 (0.0120)  
Sample #3 = 1.8730 (0.0220)  
Sample #4 = 1.8640 (0.0390)  
Avg % Abs = 1.8707 (0.0243)  
STD DEV = 0.0059 (0.0137)  
REL STD DEV = 0.313 (56.098)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.2820 (0.0070)  
Sample #2 = 3.2780 (0.0260)  
Sample #3 = 3.2690 (0.0270)  
Sample #4 = 3.2750 (0.0290)  
Avg % Abs = 3.2740 (0.0273)  
STD DEV = 0.0046 (0.0015)  
REL STD DEV = 0.140 (5.589)

Sol Value = 0.200 g/210L \*\*\*  
Fit value = 0.9524 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um lo = 12598, 9um lo = 12947

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.5740 (-0.0100)  
Sample #2 = 3.5920 (0.0030)  
Sample #3 = 3.5650 (0.0300)  
Sample #4 = 3.5720 (0.0310)  
Avg % Abs = 3.5763 (0.0213)  
STD DEV = 0.0140 (0.0159)  
REL STD DEV = 0.392 (74.461)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 6.3060 (-0.0040)  
Sample #2 = 6.3010 (0.0110)  
Sample #3 = 6.3130 (0.0220)  
Sample #4 = 6.2990 (0.0210)  
Avg % Abs = 6.3043 (0.0180)  
STD DEV = 0.0076 (0.0061)  
REL STD DEV = 0.120 (33.793)

Sol Value = 0.300 g/210L \*\*\*  
Fit value = 1.4286 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um lo = 12590, 9um lo = 12944

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 5.2200 (0.0000)  
Sample #2 = 5.1980 (0.0280)  
Sample #3 = 5.2070 (0.0350)  
Sample #4 = 5.1910 (0.0510)  
Avg % Abs = 5.1987 (0.0380)  
STD DEV = 0.0080 (0.0118)  
REL STD DEV = 0.154 (31.026)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 9.1800 (-0.0030)  
Sample #2 = 9.1390 (0.0540)  
Sample #3 = 9.1470 (0.0540)  
Sample #4 = 9.1270 (0.0660)  
Avg % Abs = 9.1377 (0.0580)  
STD DEV = 0.0101 (0.0069)  
REL STD DEV = 0.110 (11.945)

Optical Calibration	
SN:	80-00 7380
Agency:	Homestead PD
Date:	03/08/2023
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 = 0.105  
Std Dev = 0.00 Rel Std Dev = 4.36  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 0.805  
Std Dev = 0.01 Rel Std Dev = 1.31  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 1.871  
Std Dev = 0.01 Rel Std Dev = 0.31  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 3.576  
Std Dev = 0.01 Rel Std Dev = 0.39  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 5.199  
Std Dev = 0.01 Rel Std Dev = 0.15  
Zero Order Coef = -253.08  
First Order Coef = 2615.25  
Second Order Coef = 34.59  
Standard Deviation = 21.538418

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.091  
Std Dev = 0.01 Rel Std Dev = 7.34  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 1.384  
Std Dev = 0.01 Rel Std Dev = 0.51  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 3.274  
Std Dev = 0.00 Rel Std Dev = 0.14  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 6.304  
Std Dev = 0.01 Rel Std Dev = 0.12  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 9.138  
Std Dev = 0.01 Rel Std Dev = 0.11  
Zero Order Coef = -121.16  
First Order Coef = 1437.47  
Second Order Coef = 15.14  
Standard Deviation = 13.837932

Solution Stats Quadratic Fit Chan 1  
Act Fit Residual  
g/210L g/210L g/210L  
0.000 0.000 -0.0005  
0.040 0.039 0.0007  
0.100 0.100 0.0000  
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 0.0001  
0.100 0.100 0.0003  
0.200 0.200 -0.0004  
0.300 0.300 0.0002

Sol Value = 0.080 g/210L \*\*\*  
Fit value = 0.3810 mg/l %%%  
Samples Taken = 4, Discarded = 1  
\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample #1 = 3196.00  
Sample #2 = 3198.00  
Sample #3 = 3177.00  
Sample #4 = 3196.00  
Average Result = 3190.3333  
STD DEV = 11.5902  
REL STD DEV = 0.363

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample #1 = 3459.00  
Sample #2 = 3465.00  
Sample #3 = 3481.00  
Sample #4 = 3471.00  
Average Result = 3472.3333  
STD DEV = 8.0829  
REL STD DEV = 0.233

\*\*\*\*\*  
Dry Gas H2O Adjust Results \*\*\*\*\*  
Barometric Pressure = 1019  
3 um H2O Adjust (mg/lx10,000) = 619  
9 um H2O Adjust (mg/lx10,000) = 337  
\*\*\*\*\* AUTO CAL PASS \*\*\*\*\*



Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-00 7380	Homestead PD	03/08/2023	TDG MG

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Comments:

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: HOMESTEAD PD  
Time of Inspection: 14:17

Date of Inspection: 03/08/2023

Serial Number: 80-007380  
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	0.049	0.078	0.199	0.080
0.000	0.049	0.077	0.199	0.079
0.000	0.049	0.077	0.199	0.079
0.000	0.049	0.077	0.199	0.079
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.079

Standard Deviations	0.0000	0.0004	0.0000	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

03/08/2023  
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 80-007380, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007380</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>HOMESTEAD PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>03/08/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:17</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.

03/08/2023

Date

  
TAYLOR D GUTSCHOW,  
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

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