

# Service Overview

Board of Tests for Alcohol and Drug Influence  
Enhancing public safety by ensuring the accuracy and scientific reliability  
of blood and breath testing



3600 N. Martin Luther King Bldg #9  
Oklahoma City, OK 73111  
405-425-2460

**BENCH CHECK DATE:** 01-31-2017

**SERIAL:** 80-005043

## **DOCUMENTATION WITHIN SERVICE PACKET:**

- BOT Certificate of Calibration and Operation
- CMI Certificate of Calibration 01-04-2017
- Bench Check
- Bench Check Technician's Report
- BOT Dry Gas Certificate of Analysis
- CMI Service Evaluation Form
- CMI Work Order
- Mock Subject Test
- BOT Certificates of Analysis on Certified Solutions (4)



# Certificate of Calibration

This is to certify the calibration of **Intoxilyzer**® serial number 80-005043, manufactured by CMI Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, was tested and found to conform to the National Highway Traffic Safety Administration (NHTSA) Standard for Devices to Measure Breath Alcohol (Federal Register, Vol.58, No.179, pp 48705-48710, Sept. 17, 1993) for accuracy and precision. Reference materials are traceable through the National Institute of Standards and Technology (NIST) to the International System of Units (SI).

Date January 4, 2017

Signed [Signature]

Technician



316 East 9<sup>th</sup> Street  
Owensboro, KY 42303  
USA

Part No. 650517 Rev.A

Date:

Re: Request for Log of Test on Intoxilyzer 8000

Name:

Dear Sir:

The Log of Test information from a breath test conducted on a Intoxilyzer 8000 is printed in Section 2 of the Affidavit and is no longer retained as a separate form as with the Intoxilyzer 5000. The 8000 uses a nitrogen/ethanol dry gas for the external control test. The dry gas cylinder has the capacity to perform approximately 325 tests and does not require maintenance until its expiration date or can no longer provide the required pressure to perform a control test. The cylinder has an expiration date of two years from date filled at the manufacturer and is programmed in the 8000 upon installation, both dates are printed in Section 2 of the Affidavit. The Intoxilyzer is programmed to disable itself when the date of expiration is reached or the pressure monitor indicates 25 lbs psi.

Due to the reliability and stability of dry gas, maintenance on the 8000 is not required every 30 days or 25 tests, therefore maintenance is no longer performed by officers in the field. The Board of Tests for Alcohol and Drug Influence certifies each Intoxilyzer 8000 for field use by performing a bench check. The bench check is designed to check the operation and procedures programmed in the 8000 to ensure it is functioning properly for use in Oklahoma. A bench check is performed every time a new dry gas cylinder is installed or the instrument has returned from the manufacturer for repair. Once the instrument passes the bench check, all that is required to set it up for field use is to plug it in and turn it on and does not require a permit to set up. The Board of Tests has the ability to monitor each instrument once it is set up in the field.

Each Intoxilyzer has a database of valid permit numbers that it checks prior to allowing a breath test to be performed. The database is updated on a regular basis, if a permit number is invalid that officer will not be able to conduct a breath test on the 8000. If the 8000 prints an affidavit the breath test operator listed in Section 2 had a valid permit at the time of the test and the breath test is valid.

If you have any further questions please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Robert Blakeburn". The signature is fluid and cursive, written over a white background.

J. Robert Blakeburn (OBA11059)  
State Director of Tests for Alcohol  
and Drug Influence

**STATE OF OKLAHOMA - DEPARTMENT OF PUBLIC SAFETY  
CMI INTOXILYZER BENCH CHECK PROCEDURE REPORT**

BENCH CHECK DATE 01/31/2017	TIME PROCEDURE BEGAN 14:49	INSTRUMENT LOCATION 80-005043
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-005043

**TEST RESULTS**

**Diagnostics**

PASS

**Mouth Alcohol Test**

PASS

**RFI Test**

PASS

**Abort Test**

PASS

**Improper Sample Test**

PASS

**Interferent Detect Test**

PASS

**No Sample Given Test**

PASS

**Insufficient Sample Test**

PASS

**Air Blank Contamination Test**

PASS

**Range Exceeded Test**

PASS

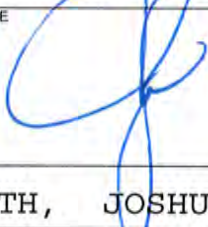
**Duplicate Breath Sampling Results**

Value	Test 1	Test 2	Control Test
.02	0.020	0.020	0.022
.04	0.040	0.040	0.041
.10	0.098	0.097	0.099
.20	0.199	0.198	0.202

PASS

**CERTIFYING TECHNICIAN**

I swear under penalty of perjury that in regards to the above listed instrument, I have complied with the Intoxilyzer Bench Checking Procedure approved by the State of Oklahoma.

SIGNATURE 	DATE 01-31-2017
NAME SMITH, JOSHUA	PERMIT # 0000016837



3600 N. Martin Luther King Bldg #9  
 Oklahoma City, OK 73111  
 405-425-2460

# BENCH CHECK TECHNICIAN'S REPORT

Date: 1 / 31 / 17 Start Time: 1400 End Time: 1525

## INSTRUMENT

Intoxilyzer Model Serial #  
 8000 80-005043

## GAS CANISTER

LOT # EXP Date  
32316080A3 # 036 1-5-2019

## REFERENCE

Simulator Model			
Guth 2100	Guth 2100	Guth 2100	Guth 2100
Serial #			
DR3591	DR3753	DR3594	DR3754
Concentration			
.02	.04	.10	.20
LOT #			
15160	15080	15220	15240
Manufactured Date			
07-14-2015	04-01-2015	09-28-2015	11-11-2015
Expiration Date			
07-14-2017	04-01-2017	09-28-2017	11-11-2017
Solution Commission Date			
<u>1-31-17</u>	<u>1-31-17</u>	<u>1-31-17</u>	<u>1-31-17</u>


## REASON FOR BENCH CHECK

- POST REPAIR  
  CYLINDER REPLACEMENT  
 TROUBLESHOOTING  
  ROUTINE MAINTENANCE

## COMMENTS


Technician Signature / Permit #

Printed Name

 16837  
Josh Smith

Certificate of Analysis – Dry Gas	
01-23-17	.080
Date of Analysis	Labelled target value (g/210L)
036	.0801
Cylinder #	Average test result
JOSH SMITH	
BOT Technician Name and Signature	



ALPHA INSTRUMENT  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-002591  
 01/23/2017 09:32

BRT Form 5.0

05 Accredited Laboratory

In accordance with BOT Policy and Procedure Statement BRT-2.1.0, *Maintenance*, the above referenced dry gas cylinder is suitable for use as an external reference with the Intoxilyzer 8000.

Test	g/210L	Time
Air Blank	0.000	09:33
Cal Check	0.080	09:33
Air Blank	0.000	09:34
Cal Check	0.079	09:34
Air Blank	0.000	09:34
Cal Check	0.080	09:35
Air Blank	0.000	09:35
Cal Check	0.080	09:36
Air Blank	0.000	09:36
Cal Check	0.081	09:36
Air Blank	0.000	09:37
Cal Check	0.081	09:37
Air Blank	0.000	09:38
Cal Check	0.080	09:38
Air Blank	0.000	09:39
Cal Check	0.080	09:39
Air Blank	0.000	09:40
Cal Check	0.080	09:40
Air Blank	0.000	09:40
Cal Check	0.080	09:41
Air Blank	0.000	09:41
Cal Check Stats		
Average	0.0801	
Std Dev	0.0005	
Rel Std Dev(%)	0.7086	

## Certificate of Analysis

Rec'd  
01-23-2017

Certificate ID: 9789 ✓  
 Part #: BAC105L080T  
 Cylinder Size: 105L  
 Lot Number: 32316080A3 ✓  
 Expiration: 1/5/2019 ✓

0.080 BAC (For the calibration of instruments used to determine breath alcohol concentration)

Contents: 105 Liters @ 1000 psig 70°F (21°C)

Component:	Concentration:	Accuracy:	Method:
Ethanol	209 PPM	+/- 0.002 or 2%	NDIR
Nitrogen	BALANCE	BAC whichever is greater	

*[Signature]*  
 16837  
 Operator's Signature

\*NIST Standard Reference Material  
 Cylinder No. CCI03723 / Job No. 09160202  
 Certified 212.8 µmol/mol Ethanol in Nitrogen  
 for ILMO Products Co., Jacksonville, IL

Store in dry area, away from sources of heat, ignition and direct sunlight. Do not allow storage area to exceed 52 °C (125 °F).

*[Signature]*  
 Specialty Gas Lab Tech

12/15/16  
 Date

Distributed by:

CMI Inc.  
 316 East Ninth Street  
 Owensboro, KY 42303  
 Phone 866-835-0690  
[www.alcoholtest.com](http://www.alcoholtest.com)



**Service Evaluation Form**

**This form MUST be completed and enclosed with instrument to be serviced.  
Failure to complete and return this form may cause delays in service.**

**(Note: please ship items in their original shipping container(s) or a similar protective box.)**

1. Contact information: Customer Number **731362** (contact Customer Service)  
Name: **Board of Tests** Phone: **(405) 425 2460**  
Fax: **(405) 425 2490** Email: **bot@dps.state.ok.us**

2. Bill to Address: **Board of Tests** Ship to Address: **Board of Tests**  
**3600 N ML King, Bldg 9** **3600 N ML King, Bldg 9**  
**OKC, OK 73111** **OKC, OK 73111**

3. Serial Number: **80-005043** Instrument Model: **Intoxilyzer 500 / 8000**

4. Detailed Description of Problem:  
**Reading known wet bath solutions lower than expected. New solution bottles .10 = .092  
.20 = .190**

\*\*\*Hazardous Material Warning! - DO NOT return gas cylinders with instrument!\*\*\*

I Authorize Repairs Up To:  All  \$250  \$500  \$750  Other \$ \_\_\_\_\_  
Purchase Order Number (attach a copy of P.O. if applicable) \_\_\_\_\_

Authorized By:

Ship to:

**Joshua Smith**

**Technician**

Name (Please Print)

Title

CMI, Inc

Signature

**09/19/2016**

Date

Attn: Service Dept.

316 East Ninth Street

Owensboro, KY 42303

Call: 405-425-2460 fax 405-425-2490

No, please send estimate before repairs are made.

Note: An estimate will be faxed before performing any repairs and may cause delays in service.  
An evaluation fee (\$79.00 or actual costs) will apply to estimates that are not repaired.





# OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

Section 1

ARREST DATE <b>01/31/2017</b>		ARREST TIME <b>1430</b>		COUNTY # <b>55</b>		CITY # <b>32</b>		CITATION # <b>MOCK</b>		
ARREST LOCATION <b>MOCK</b>				CITY <b>MOCK</b>			COUNTY <b>MOCK</b>			
SUBJECT NAME <b>MOCK, SUBJECT TEST</b>				DATE OF BIRTH <b>08/09/1961</b>		SEX <b>M</b>	RACE <b>W</b>	HEIGHT <b>510</b>	WEIGHT <b>165</b>	
ADDRESS <b>3600 MARTIN LUTHER KING A</b>				CITY <b>OKLAHOMA CITY</b>			STATE <b>OK</b>		ZIP CODE <b>73133</b>	
DRIVER LICENSE # <b>T083454871</b>				EXPIRATION DATE <b>06/30/2019</b>		STATE <b>OK</b>	CLASS <b>A</b>	RESTRICTIONS <b>NONE</b>	ENDORSEMENTS <b>NONE</b>	
VEHICLE MAKE <b>NONE</b>			MODEL <b>NONE</b>			TAG # <b>NONE</b>		STATE <b>OK</b>	CMV <b>N</b>	PLACARD <b>N</b>

On the above date, time, and location, the above named person was arrested, and I had reasonable grounds to believe the person was driving or in actual physical control of a motor vehicle upon a public road, highway, street, turnpike, public parking lot, or other public place, or upon a private road, street, alley or lane which provides access to one or more single or multi-family dwelling within this state while under the influence of alcohol and/or other intoxicating substances as prohibited by law.

(Describe driving behavior or circumstances):

**MOCK SUBJECT TEST. POST REPAIR MAINTENANCE. NEW GAS CANISTER INSTALL.**

Describe person's condition (odor, actions, etc.):

**NONE**

THE PERSON WAS INFORMED OF THE IMPLIED CONSENT TEST REQUEST

BREATH-ALCOHOL ANALYSIS RECORD, REPORT OF THE PERSON NAMED IN SECTION 1 ABOVE, and LOG OF TEST AND MAINTENANCE RECORD.

Section 2

EQUIPMENT <b>I-8000</b>		SERIAL NUMBER <b>80-005043</b>		SPECIALIST <b>BOARD OF TESTS</b>																																			
STANDARD <b>Dry</b>		TARGET VALUE <b>0.080</b>		PERMIT NUMBER <b>16837</b>																																			
MANUFACTURER <b>ILMO</b>		LOT # <b>32316080A3</b>		DATE CYLINDER INSTALLED <b>01/31/2017</b>	DATE CYLINDER EXPIRES <b>01/05/2019</b>																																		
OBSERVATION START <b>1455</b>	TEST DATE <b>01/31/2017</b>	MOUTHPIECE <b>G</b>	<p style="text-align: center;">A 15-minute (or greater) deprivation/observation period was observed prior to and continuing to the time of test administration.</p> <p style="text-align: center;">I administered said Breath-Alcohol Test in compliance with the applicable operating procedure of the Board of Tests.</p> <p style="text-align: center;">SIGNATURE OF OPERATOR _____</p>																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.00</td><td>15:28</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>15:29</td></tr> <tr><td>  Breath Volume</td><td>1.769 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>15:30</td></tr> <tr><td>Wait</td><td></td><td>15:31</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>15:32</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>15:32</td></tr> <tr><td>  Breath Volume</td><td>2.445 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>15:33</td></tr> <tr><td>Cal Check</td><td>0.08</td><td>15:33</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>15:33</td></tr> </tbody> </table>						Test	g/210L	Time	Air Blank	0.00	15:28	Subject Test	0.00	15:29	Breath Volume	1.769 LITERS		Air Blank	0.00	15:30	Wait		15:31	Air Blank	0.00	15:32	Subject Test	0.00	15:32	Breath Volume	2.445 LITERS		Air Blank	0.00	15:33	Cal Check	0.08	15:33	Air Blank
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AGENCY <b>BOARD OF TESTS</b>		<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Test Result BrAC g/210L <b>0.00</b></p> </div>																																					

**EFFECTIVE THIRTY (30) DAYS FROM DATE SERVED. Notice of Revocation** is given that your driver's license is revoked or denied for a period of one hundred eighty (180) days or more, if you refused or failed the state's test(s). In addition, your commercial driving privilege in this state will be disqualified if you refused or failed the state's test(s) (operating a CMV or CDL holder) OR a test result of .04 or more while operating a commercial motor vehicle. To appeal the driver's license revocation/disqualification, the Department of Public Safety must receive your written request for an Administrative Hearing **within fifteen (15) days from the date you received notice of revocation or disqualification**. Submit your **written** request in person at 3600 N. MLK Ave. or by mail to Legal Division, Department of Public Safety, P.O. Box 11415, OKC, OK, 73136

Section 3

**SERVING OF NOTICE:** I personally hand-delivered a copy of the above containing the Notice of Revocation to the person named in Section 1 above.

Date served: **01/31/2017** Signature of officer: \_\_\_\_\_ Badge #: \_\_\_\_\_

In accordance with Title 12 O.S. Section 426, "I state under **penalty of perjury** under the laws of Oklahoma that the foregoing is true and correct."

Section 4

Date: **01/31/2017** Place (location when signed): \_\_\_\_\_ Signature of arresting officer: \_\_\_\_\_

NAME <b>SMITH, JOSHUA</b>		AGENCY <b>BOARD OF TESTS</b>	
BADGE <b>0000000435</b>	AGENCY ADDRESS <b>INTER-AGENCY</b>		PHONE <b>"4054252460"</b>

OTHER WITNESSES:

Section 5

1	NAME	TITLE	ADDRESS	PHONE
2	NAME	TITLE	ADDRESS	PHONE

No Temporary License Issued:  
Test Below Legal Limit

OFFICER/DPS COPY  
BOT Form AFF01 07/2008

# OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

Section 1

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VEHICLE MAKE <b>NONE</b>		MODEL <b>NONE</b>		TAG # <b>NONE</b>		STATE <b>OK</b>	CMV <b>N</b>	PLACARD <b>N</b>	

On the above date, time, and location, the above named person was arrested, and I had reasonable grounds to believe the person was driving or in actual physical control of a motor vehicle upon a public road, highway, street, turnpike, public parking lot, or other public place, or upon a private road, street, alley or lane which provides access to one or more single or multi-family dwelling within this state while under the influence of alcohol and/or other intoxicating substances as prohibited by law.

(Describe driving behavior or circumstances):

**MOCK SUBJECT TEST. POST REPAIR MAINTENANCE. NEW GAS CANISTER INSTALL.**


Describe person's condition (odor, actions, etc.):

**NONE**

**THE PERSON WAS INFORMED OF THE IMPLIED CONSENT TEST REQUEST**

**BREATH-ALCOHOL ANALYSIS RECORD, REPORT OF THE PERSON NAMED IN SECTION 1 ABOVE, and LOG OF TEST AND MAINTENANCE RECORD.**

Section 2

EQUIPMENT <b>I-8000</b>		SERIAL NUMBER <b>80-005043</b>		SPECIALIST <b>BOARD OF TESTS</b>																																		
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**EFFECTIVE THIRTY (30) DAYS FROM DATE SERVED. Notice of Revocation is given that your driver's license is revoked or denied for a**

Section 3

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**SERVING OF NOTICE:** I personally hand-delivered a copy of the above containing the Notice of Revocation to the person named in Section 1 above.

Date served: **01/31/2017** Signature of officer: \_\_\_\_\_ Badge #: \_\_\_\_\_

**In accordance with Title 12 O.S. Section 426, "I state under penalty of perjury under the laws of Oklahoma that the foregoing is true and correct."**

Section 4

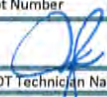
Date: **01/31/2017** Place (location when signed): \_\_\_\_\_ Signature of arresting officer: \_\_\_\_\_

NAME <b>SMITH, JOSHUA</b>		AGENCY <b>BOARD OF TESTS</b>	
BADGE <b>0000000435</b>	AGENCY ADDRESS <b>INTER-AGENCY</b>		PHONE <b>"4054252460"</b>
		ZIP CODE <b>00000</b>	

No Temporary License Issued:  
Test Below Legal Limit

ARRESTEE'S COPY  
BOT Form AFF02 07/2008

**Certificate of Analysis – Wet Bath**

12-12-2016	.020
Date of Analysis	Labelled target value (g/210L)
15160	.0194
Lot Number	Average test result (g/210L)
 16837 Joshua Smith BOT Technician Name and Signature	



**GUTH LABORATORIES, INC.**

ISBURG, PA 17111- 4511 • TELEPHONE: 717-564-5470

BRT Form 6.0

In accordance with BRT – 2.1.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

**CERTIFICATE OF ANALYSIS**

REC'D  
09-24-2015  
 #16837

Certified Alcohol Reference Solution for Simulator

ALPHA INSTRUMENT  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002591  
12/12/2016 13:25

Random Samples of Lot Number 15160 ✓ of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on July 15, 2015, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.0240% (w/vol) ethyl alcohol. The expiration date for this lot number is July 14, 2017 at 11:59 PM.

Test	g/210L	Time
Air Blank	0.000	13:25
Cal Check	0.019	13:26
Air Blank	0.000	13:26
Cal Check	0.019	13:27
Air Blank	0.000	13:28
Cal Check	0.020	13:28
Air Blank	0.000	13:29
Cal Check	0.019	13:30
Air Blank	0.000	13:30
Cal Check	0.019	13:31
Air Blank	0.000	13:31
Cal Check	0.020	13:32
Air Blank	0.000	13:33
Cal Check	0.019	13:33
Air Blank	0.000	13:34
Cal Check	0.020	13:35
Air Blank	0.000	13:35
Cal Check	0.020	13:36
Air Blank	0.000	13:36
Cal Check	0.019	13:37
Air Blank	0.000	13:38

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.020 g/210L +/- 3%. ✓

The alcohol and water used in this solution were free of test interfering substances.

Cal Check Stats  
Average 0.0194  
Std Dev 0.0005  
Rel Std Dev(%) 2.6617



Ted L. Pauley, President  
GUTH LABORATORIES, INC.

 12/12/16

**NIST Traceability:**

Testing was conducted using Cerilliant Reference Standard lot number FN070212-01 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.



BRT Form 6.0

In accordance with BRT - 2.1.0 Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

Certificate of Analysis - Wet Bath	
Date of Analysis	12-12-2016
Labelled target value (g/210L)	.040
Lot Number	15080
Average test result (g/210L)	.0396
BOT Technician Name and Signature	Josh Smith



# GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

REC'D  
09-24-2015  
J #16837

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **15080** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **April 2, 2015**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0476%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 1, 2017** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.040 g/210L +/- 3%**.

The alcohol and water used in this solution were free of test interfering substances.

*Ted L. Pauley*  
Ted L. Pauley, President  
GUTH LABORATORIES, INC.

Intoxilyzer - Intoxilyzer  
Model 8000 SN 80-002591  
12/12/2016 14:18

Test	g/210L	Time
Air Blank	0.000	14:18
Cal Check	0.040	14:19
Air Blank	0.000	14:19
Cal Check	0.040	14:20
Air Blank	0.000	14:21
Cal Check	0.040	14:21
Air Blank	0.000	14:22
Cal Check	0.040	14:23
Air Blank	0.000	14:23
Cal Check	0.039	14:24
Air Blank	0.000	14:24
Cal Check	0.040	14:25
Air Blank	0.000	14:26
Cal Check	0.039	14:26
Air Blank	0.000	14:27
Cal Check	0.039	14:28
Air Blank	0.000	14:28
Cal Check	0.040	14:29
Air Blank	0.000	14:29
Cal Check	0.039	14:30
Air Blank	0.000	14:31
Cal Check Stats		
Average	0.0396	
Std Dev	0.0005	
Rel. Std. Dev(%)	1.3040	

### NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number **FN120110-04** whose values are traceable to NIST. All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

J 12-12-16



Certificate of Analysis - Wet Bath	
12-12-2016	.100
Date of Analysis	Labelled target value (g/210L)
15220	.0999
Lot Number	Average test result (g/210L)
JOSIAH SMITH	16837
BOT Technician Name and Signature	

BRT Form 6.0

In accordance with BRT - 2.1.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.



# GUTH LABORATORIES, INC.

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REC'D  
11-4-2015  
#16837

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **15220** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 30, 2015**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1214%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 28, 2017** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L +/- 3%**.

The alcohol and water used in this solution were free of test interfering substances.

*Ted L. Pauley*  
Ted L. Pauley, President  
GUTH LABORATORIES, INC.

Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002591  
12/12/2016 14:04

Test	g/210L	Time
Air Blank	0.000	14:04
Cal Check	0.100	14:05
Air Blank	0.000	14:05
Cal Check	0.100	14:06
Air Blank	0.000	14:07
Cal Check	0.100	14:07
Air Blank	0.000	14:08
Cal Check	0.100	14:09
Air Blank	0.000	14:09
Cal Check	0.099	14:10
Air Blank	0.000	14:10
Cal Check	0.100	14:11
Air Blank	0.000	14:12
Cal Check	0.100	14:12
Air Blank	0.000	14:13
Cal Check	0.100	14:14
Air Blank	0.000	14:14
Cal Check	0.100	14:15
Air Blank	0.000	14:16
Cal Check	0.100	14:16
Air Blank	0.000	14:17
Cal Check Stats		
Average	0.0999	
Std Dev	0.0003	
Rel Std Dev(%)	0.3165	

12-12-16

**NIST Traceability:**  
Testing was conducted using Cerilliant Reference Standard lot number FN08051301 whose values are traceable to NIST.  
All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.



BRT Form 6.0

Certificate of Analysis - Wet Bath	
12-12-16	.200
Date of Analysis	Labelled target value (g/210L)
15240	.2006
Lot Number	Average test result (g/210L)
Test Smith	#16837
BOT Technician Name and Signature	

In accordance with BRT - 2.1.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

# GUTH LABORATORIES, INC.

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## CERTIFICATE OF ANALYSIS

REC'D  
11-4-2015  
#16837

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **15240** of  
 Alcohol Reference Solution for Simulator were analyzed by  
 gas chromatography on **November 12, 2015**, using a Perkin Elmer Gas  
 Chromatograph Autosystem XL S/N: 610N9030209, and found to contain  
**0.2418%** (w/vol) ethyl alcohol. The expiration date for this lot  
 number is **November 11, 2017** at 11:59 PM.

ALPHA INSTRUMENT  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-002591  
 12/12/2016 13:42

Test	g/210L	Time
Air Blank	0.000	13:42
Cal Check	0.202	13:43
Air Blank	0.000	13:43
Cal Check	0.201	13:44
Air Blank	0.000	13:45
Cal Check	0.201	13:45
Air Blank	0.000	13:46
Cal Check	0.201	13:47
Air Blank	0.000	13:47
Cal Check	0.200	13:48
Air Blank	0.000	13:49
Cal Check	0.200	13:49
Air Blank	0.000	13:50
Cal Check	0.201	13:51
Air Blank	0.000	13:51
Cal Check	0.200	13:52
Air Blank	0.000	13:52
Cal Check	0.199	13:53
Air Blank	0.000	13:54
Cal Check	0.201	13:54
Air Blank	0.000	13:55
Cal Check Stats		
Average	0.2006	
Std Dev	0.0008	
Rel Std Dev(%)	0.4203	

When used in a calibrated Simulator, operating at  
 34°C +/- .2°C, this solution will give a breath alcohol  
 analysis instrument reading of **0.200 g/210L +/- 3%**.

The alcohol and water used in this solution were  
 free of test interfering substances.

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

### NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number **FN03211401** whose values are traceable to NIST.  
 All balances are calibrated annually by an outside agency using NIST traceable weights.  
 Calibration verification is done prior to each use utilizing NIST traceable weights.

12-12-16