

# 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:** 05-23-2017

**SERIAL:** 80-004882

## **DOCUMENTATION WITHIN SERVICE PACKET:**

- BOT Certificate of Calibration and Operation
- Bench Check
- Bench Check Technician's Report
- BOT Dry Gas Certificate of Analysis
- Mock Subject Test
- BOT Certificates of Analysis on Certified Solutions (4)



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,



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 05/23/2017	TIME PROCEDURE BEGAN 08:06	INSTRUMENT LOCATION 80-004882
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-004882

**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	0.017	0.017	0.018
.04	0.036	0.036	0.036
.10	0.094	0.093	0.094
.20	0.197	0.195	0.195

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 5-23-2017
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: 5 / 23 / 17 Start Time: 0800 End Time: 1010

## INSTRUMENT

Intoxilyzer Model 8000 Serial # 8D-004882

## GAS CANISTER

LOT # 06717080AB # 047 EXP Date 5-5-2019

## REFERENCE


Simulator Model			
Guth 2100	Guth 2100	Guth 2100	Guth 2100
Serial #			
DR3591	DR3753	DR3594	DR3754
Concentration			
.02	.04	.10	.20
LOT #			
16400	16320	15220	15240
Manufactured Date			
12-12-2016	10-21-2016	09-28-2015	11-11-2015
Expiration Date			
12-12-2018	10-21-2018	09-28-2017	11-11-2017
Solution Commission Date			
<u>5-5-17</u>	<u>5-5-17</u>	<u>5-5-17</u>	<u>5-5-17</u>

## REASON FOR BENCH CHECK

- POST REPAIR  
  CYLINDER REPLACEMENT  
 TROUBLESHOOTING  
  ROUTINE MAINTENANCE

## COMMENTS

no faults found.


16837  
 Technician Signature / Permit #  
Josh Smith  
 Printed Name



Certificate of Analysis – Dry Gas	
09-17-17	.080
Date of Analysis	Labelled target value (g/210L)
047	.0796
Cylinder #	Average test result
Josh Smith	16837
BOT Technician Name and Signature	



**ILMO**  
specialty gases

BRT Form 5.0

ALPHA INSTRUMENT 2  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-004923  
05/17/2017 15:45

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.

ISO/IEC 17025:2005 Accredited Laboratory

Test	g/210L	Time
Air Blank	0.000	15:45
Cal Check	0.080	15:45
Air Blank	0.000	15:46
Cal Check	0.080	15:46
Air Blank	0.000	15:47
Cal Check	0.080	15:47
Air Blank	0.000	15:48
Cal Check	0.080	15:48
Air Blank	0.000	15:48
Cal Check	0.079	15:49
Air Blank	0.000	15:49
Cal Check	0.079	15:50
Air Blank	0.000	15:50
Cal Check	0.080	15:50
Air Blank	0.000	15:51
Cal Check	0.079	15:51
Air Blank	0.000	15:52
Cal Check	0.080	15:52
Air Blank	0.000	15:53
Cal Check	0.079	15:53
Air Blank	0.000	15:54
Cal Check Stats		
Average	0.0796	
Std Dev	0.0005	
Rel Std Dev(%)	0.6487	

## Certificate of Analysis

Certificate ID: 10067 ✓  
Part #: BAC105L080T  
Cylinder Size: 105L  
Lot Number: 06717080A6 ✓  
Expiration: 5/5/2019 ✓

REC'D  
05/16/2017  
JR

0.080 BAC (For use in instrument calibration)

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

Component:	Concentration:	Accuracy:	Method:
Ethanol	208 ppm	+/- 0.002 or 2% BAC whichever is greater	NDIR
Nitrogen	Balance		

*JR* 16837  
Operator's Signature

\*NIST Standard Reference Material  
Cylinder No. CC274507 / Job No. 09160309  
Certified 362.2 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).

*Josh Smith*  
Specialty Gas Lab Tech

03/28/17  
Date

Distributed by:

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



# OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

Section 1

ARREST DATE 05/23/2017		ARREST TIME 0920		COUNTY # 55	CITY # 12	CITATION #		
ARREST LOCATION MOCK				CITY		COUNTY OKLAHOMA		
SUBJECT NAME MOCK, SUBJECT TEST				DATE OF BIRTH 08/09/1961	SEX M	RACE W	HEIGHT 510	WEIGHT 165
ADDRESS 3600 MARTIN LUTHER KING A			CITY OKLAHOMA CITY		STATE OK	ZIP CODE 73133		
DRIVER LICENSE # T083454871			EXPIRATION DATE 06/30/2019	STATE OK	CLASS A	RESTRICTIONS	ENDORSEMENTS M	
VEHICLE MAKE MOCK		MODEL MOCK		TAG # MOCK		STATE OK	CMV N	PLACARD N

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 TEST. NEW GAS INSTALL. ROUTINE MAINTENANCE.

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 I-8000		SERIAL NUMBER 80-004882	SPECIALIST BOARD OF TESTS																																					
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 16837																																					
MANUFACTURER ILMO		LOT # 06717080A6	DATE CYLINDER INSTALLED 05/23/2017	DATE CYLINDER EXPIRES 05/05/2019																																				
OBSERVATION START 0955	TEST DATE 05/23/2017	MOUTHPIECE G	A 15-minute (or greater) deprivation/observation period was observed prior to and continuing to the time of test administration.																																					
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I administered said Breath-Alcohol Test in compliance with the applicable operating procedure of the Board of Tests.			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Test Result BrAC g/210L <b>0.00</b></td> </tr> </table>		Test Result BrAC g/210L <b>0.00</b>																																			
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SIGNATURE OF OPERATOR																																								
NAME SMITH, JOSHUA																																								
BADGE # 0000000435	PERMIT # 0000016837																																							
AGENCY BOARD OF TESTS																																								

**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: **05/23/2017** 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: **05/23/2017** Place (location when signed): \_\_\_\_\_ Signature of arresting officer: \_\_\_\_\_

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

#### 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

ARREST DATE <b>05/23/2017</b>		ARREST TIME <b>0920</b>		COUNTY # <b>55</b>	CITY # <b>12</b>	CITATION #		
ARREST LOCATION <b>MOCK</b>					CITY	COUNTY <b>OKLAHOMA</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	ENDORSEMENTS <b>M</b>	
VEHICLE MAKE <b>MOCK</b>			MODEL <b>MOCK</b>	TAG # <b>MOCK</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 TEST. NEW GAS INSTALL. ROUTINE MAINTENANCE.**

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>80-004882</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>06717080A6</b>	DATE CYLINDER INSTALLED <b>05/23/2017</b>	DATE CYLINDER EXPIRES <b>05/05/2019</b>																																				
OBSERVATION START <b>0955</b>	TEST DATE <b>05/23/2017</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>																																					
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Date served: **05/23/2017** 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: **05/23/2017** 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>	ZIP CODE <b>00000</b>	PHONE <b>"4054252460"</b>

No Temporary License Issued:  
Test Below Legal Limit

ARRESTEE'S COPY  
BOT Form AFF02 07/2008



Certificate of Analysis - Wet Bath	
05-05-17	.020
Date of Analysis	Labelled target value (g/210L)
16400	.0195
Lot Number	Average test result (g/210L)
Josh Smith	
BOT Technician Name and Signature	



**GUTH LABORATORIES, INC.**  
 18, 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**

INTOXILYZER 8000  
 Instrument Initialization  
 8133.12  
 14:48 05/05/2017

Certified Alcohol Reference Solution for Simulator

Rec'd  
 4/01/2017  
 #16837

Random Samples of Lot Number 16400 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on December 13, 2016, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain

ALPHA INSTRUMENT 2  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-004923  
 05/05/2017 14:56

Test	g/210L	Time
Air Blank	0.000	14:57
Cal Check	0.020	14:58
Air Blank	0.000	14:58
Cal Check	0.020	14:59
Air Blank	0.000	14:59
Cal Check	0.019	15:00
Air Blank	0.000	15:01
Cal Check	0.020	15:01
Air Blank	0.000	15:02
Cal Check	0.020	15:03
Air Blank	0.000	15:03
Cal Check	0.020	15:04
Air Blank	0.000	15:04
Cal Check	0.019	15:05
Air Blank	0.000	15:06
Cal Check	0.019	15:06
Air Blank	0.000	15:07
Cal Check	0.019	15:08
Air Blank	0.000	15:08
Cal Check	0.019	15:09
Air Blank	0.000	15:09
Cal Check Stats		
Average	0.0195	
Std Dev	0.0005	
Rel Std Dev(%)	2.7026	

0.0241% (w/vol) ethyl alcohol. The expiration date for this lot number is December 12, 2018 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 0.020 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.

**NIST Traceability:**

Testing was conducted using Cerilliant Reference Standard lot number FN11241503 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.

#16837

Certificate of Analysis – Wet Bath	
3-8-2017	.040
Date of Analysis	Labelled target value (g/210L)
16320	.0409
Lot Number	Average test result (g/210L)
Josh Smith 	
BOT Technician Name and Signature	




**GUTH LABORATORIES, INC.**  
 BURG, 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**

Certified Alcohol Reference Solution for Simulator

REC'D  
 03/01/17  
  
 #16837

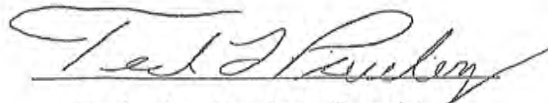
Random Samples of Lot Number 16320 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 25, 2016, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.0495% (w/vol) ethyl alcohol. The expiration date for this lot number is October 21, 2018 at 11:59 PM.

ALPHA INSTRUMENT 2  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-004923  
 03/08/2017 11:16

Test	g/210L	Time
Air Blank	0.000	11:16
Cal Check	0.041	11:17
Air Blank	0.000	11:17
Cal Check	0.041	11:18
Air Blank	0.000	11:19
Cal Check	0.040	11:19
Air Blank	0.000	11:20
Cal Check	0.041	11:21
Air Blank	0.000	11:21
Cal Check	0.041	11:22
Air Blank	0.000	11:22
Cal Check	0.041	11:23
Air Blank	0.000	11:24
Cal Check	0.041	11:24
Air Blank	0.000	11:25
Cal Check	0.040	11:26
Air Blank	0.000	11:26
Cal Check	0.042	11:27
Air Blank	0.000	11:27
Cal Check	0.041	11:28
Air Blank	0.000	11:29
Cal Check Stats		
Average	0.0409	
Std Dev	0.0005	
Rel Std Dev(%)	1.3878	

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, President  
 GUTH LABORATORIES, INC.

  
 #16837

**NIST Traceability:**  
 Testing was conducted using Cerilliant Reference Standard lot number FN1218501 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	
Date of Analysis	12-12-2016
Labelled target value (g/210L)	0.100
Lot Number	15220
Average test result (g/210L)	0.0999
BOTT Technician Name and Signature	JOSH SMITH #16837

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.

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

## CERTIFICATE OF ANALYSIS

REC'D  
11-4-2015  
#16837

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.

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	

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.

### 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.

12-12-16



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  
J  
#16837

## CERTIFICATE OF ANALYSIS

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.

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
BRT Technician Name and Signature	

ALPHA INSTRUMENT  
Intoxilyzer - Alcohol Analyzer  
Model 8000  
12/12/2016  
SN 80-002591  
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*  
Ted L. Pauley, President  
GUTH LABORATORIES, INC.

*12-12-16* 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.