

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: 07-11-2017

SERIAL: 80-004830

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,

A handwritten signature in black ink, appearing to read "J. Robert Blakeburn". The signature is written in a cursive style with some loops and flourishes.

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 07/11/2017	TIME PROCEDURE BEGAN 11:05	INSTRUMENT LOCATION 80-004830
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-004830

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	0.019	0.019	0.019
.04	0.037	0.037	0.038
.10	0.095	0.095	0.098
.20	0.193	0.191	0.194

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 07/11/2017
--	--------------------

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: 7 / 11 / 17 Start Time: 1045 End Time: 1205

INSTRUMENT

Intoxilyzer Model	Serial #
8000	80-004830

GAS CANISTER

LOT #	#	EXP Date
12317080A3	#603	7-5-2019

REFERENCE

Simulator Model			
Guth 2100	Guth 2100	Guth 2100	Guth 2100
Serial #			
DR3591	DR3753	DR3594	DR3754
Concentration			
.02	.04	.10	.20
LOT #			
16400	16320	17130	17090
Manufactured Date			
12-12-2016	10-21-2016	04-03-2017	02-24-2017
Expiration Date			
12-12-2018	10-21-2018	04-03-2019	02-24-2019
Solution Commission Date			
7-5-17	7-5-17	7-5-17	7-5-17

REASON FOR BENCH CHECK

- POST REPAIR
- CYLINDER REPLACEMENT
- TROUBLESHOOTING
- ROUTINE MAINTENANCE

COMMENTS

 16837
 Technician Signature / Permit #
Josh Smith
 Printed Name

Certificate of Analysis - Dry Gas	
07-06-17	.080
Date of Analysis	Labelled target value (g/210L)
003	1.0801
Cylinder #	Average test result
Josh Smith <i>[Signature]</i>	
BOT Technician Name and Signature	

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.



BRT Form 5.0
ISO/IEC 17025:2005 Accredited Laboratory

ALPHA INSTRUMENT
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-002591
 07/06/2017 11:08

Test	g/210L	Time
Air Blank	0.000	11:09
Cal Check	0.080	11:09
Air Blank	0.000	11:09
Cal Check	0.080	11:10
Air Blank	0.000	11:10
Cal Check	0.080	11:11
Air Blank	0.000	11:11
Cal Check	0.080	11:11
Air Blank	0.000	11:12
Cal Check	0.080	11:12
Air Blank	0.000	11:13
Cal Check	0.080	11:13
Air Blank	0.000	11:14
Cal Check	0.080	11:14
Air Blank	0.000	11:15
Cal Check	0.080	11:15
Air Blank	0.000	11:16
Cal Check	0.081	11:16
Air Blank	0.000	11:16
Cal Check	0.080	11:17
Air Blank	0.000	11:17
Cal Check Stats		
Average	0.0801	
Std Dev	0.0003	
Rel Std Dev(%)	0.3947	

Certificate of Analysis

Certificate ID: 10235 ✓
 Part #: BAC105L080T
 Cylinder Size: 105L
 Lot Number: 12317080A3 ✓
 Expiration: 7/5/2019 ✓

*Rec'd
 07/03/17
 [Signature]*

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	208 ppm	+/- 0.002 or 2%	NDIR
Nitrogen	Balance	BAC whichever is greater	

[Signature] 16837
 Operator's Signature

*NIST Standard Reference Material
 Cylinder No. CC 274507 / 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).

[Signature]
 Specialty Gas Lab Tech

06-01-17
 Date

Distributed by:

CMI Inc.
 316 East Ninth Street
 Owensboro, KY 42303
 Phone 866-835-0690
www.alcoholtest.com



OFFICER'S AFFIDAVIT AND NOTICE OF REVOCAION/DISQUALIFICATION

Section 1

ARREST DATE 07/11/2017		ARREST TIME 1100		COUNTY # 55	CITY # 87	CITATION # 90001		
ARREST LOCATION MOCK				CITY MOCK		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 NONE	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 SUBJECT TEST. ROUTINE 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 I-8000		SERIAL NUMBER 80-004830	SPECIALIST BOARD OF TESTS																																					
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 16837																																					
MANUFACTURER ILMO		LOT # 12317080A3	DATE CYLINDER INSTALLED 07/11/2017	DATE CYLINDER EXPIRES 07/05/2019																																				
OBSERVATION START 1140	TEST DATE 07/11/2017	MOUTHPIECE G	<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>12:05</td> </tr> <tr> <td>Subject Test</td> <td>0.00</td> <td>12:05</td> </tr> <tr> <td style="padding-left: 20px;">Breath Volume</td> <td>1.808 LITERS</td> <td></td> </tr> <tr> <td>Air Blank</td> <td>0.00</td> <td>12:06</td> </tr> <tr> <td>Wait</td> <td></td> <td>12:07</td> </tr> <tr> <td>Air Blank</td> <td>0.00</td> <td>12:08</td> </tr> <tr> <td>Subject Test</td> <td>0.00</td> <td>12:08</td> </tr> <tr> <td style="padding-left: 20px;">Breath Volume</td> <td>1.980 LITERS</td> <td></td> </tr> <tr> <td>Air Blank</td> <td>0.00</td> <td>12:08</td> </tr> <tr> <td>Cal Check</td> <td>0.07</td> <td>12:09</td> </tr> <tr> <td>Air Blank</td> <td>0.00</td> <td>12:09</td> </tr> </tbody> </table>					Test	g/210L	Time	Air Blank	0.00	12:05	Subject Test	0.00	12:05	Breath Volume	1.808 LITERS		Air Blank	0.00	12:06	Wait		12:07	Air Blank	0.00	12:08	Subject Test	0.00	12:08	Breath Volume	1.980 LITERS		Air Blank	0.00	12:08	Cal Check	0.07	12:09	Air Blank	0.00	12:09
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RESULT TABLE			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: **07/11/2017** 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: **07/11/2017** 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 REVOCAION/DISQUALIFICATION

Section 1

ARREST DATE 07/11/2017		ARREST TIME 1100		COUNTY # 55	CITY # 87	CITATION # 90001		
ARREST LOCATION MOCK				CITY MOCK		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 NONE	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 SUBJECT TEST. ROUTINE 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 I-8000		SERIAL NUMBER 80-004830	SPECIALIST BOARD OF TESTS																																								
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 16837																																								
MANUFACTURER ILMO		LOT # 12317080A3	DATE CYLINDER INSTALLED 07/11/2017	DATE CYLINDER EXPIRES 07/05/2019																																							
OBSERVATION START 1140	TEST DATE 07/11/2017	MOUTHPIECE G	<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: **07/11/2017** 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: **07/11/2017** 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"

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	Labeled target value (g/210L)
16400	.0195
Lot Number	Average test result (g/210L)
Jbst Smith	
BOT Technician Name and Signature	



GUTH LABORATORIES, INC.
 1007 G, 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	Labeled target value (g/210L)
16320	.0409
Lot Number	Average test result (g/210L)
Josh Smith <i>[Signature]</i>	
BOT Technician Name and Signature	



GUTH LABORATORIES, INC.
 HUNTSBURG, 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

RECD
03/01/17
[Signature]
#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.

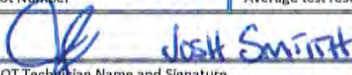
Ted L. Pauley
 Ted L. Pauley, President
 GUTH LABORATORIES, INC.

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.

[Signature]
#16837

Certificate of Analysis – Wet Bath



06/15/2017	.10
Date of Analysis	Labelled target value (g/210L)
17130	.1015
Lot Number	Average test result (g/210L)
 Josh Smith	
BOT Technician Name and Signature	

GUTH LABORATORIES, INC.

1600 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

REC'D
06/09/2017


ALPHA INSTRUMENT 2
Intoxilyzer - Alcohol Analyzer
Model 8000
06/15/2017

SN 80-004923
16:25

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 17130 ✓ of

Test	g/210L	Time
Air Blank	0.000	16:26
Cal Check	0.102	16:26
Air Blank	0.000	16:27
Cal Check	0.102	16:28
Air Blank	0.000	16:28
Cal Check	0.101	16:29
Air Blank	0.000	16:29
Cal Check	0.102	16:30
Air Blank	0.000	16:31
Cal Check	0.101	16:31
Air Blank	0.000	16:32
Cal Check	0.101	16:33
Air Blank	0.000	16:33
Cal Check	0.102	16:34
Air Blank	0.000	16:34
Cal Check	0.101	16:35
Air Blank	0.000	16:36
Cal Check	0.102	16:36
Air Blank	0.000	16:37
Cal Check	0.101	16:38
Air Blank	0.000	16:38
Cal Check Stats		
Average	0.1015	
Std Dev	0.0005	
Rel Std Dev(%)	0.5192	

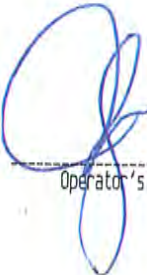
Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **April 6, 2017**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1212%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 3, 2019** at 11:59 PM. ✓

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, President
GUTH LABORATORIES, INC.



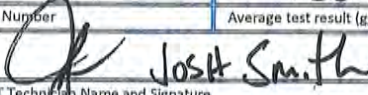
16837

Operator's Signature

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.

Certificate of Analysis - Wet Bath	
06-16-17	.20
Date of Analysis	Labelled target value (g/210L)
17090	.2045
Lot Number	Average test result (g/210L)
 Josh Smith	
BOT Technician Name and Signature	



LABORATORIES, INC.
 HARRISBURG, 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.

REC'D
 06/09/17

 16837

CERTIFICATE OF ANALYSIS

ALPHA INSTRUMENT 2
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004923
 06/16/2017 10:52

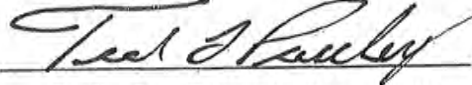
Certified Alcohol Reference Solution for Simulator

Test	g/210L	Time
Air Blank	0.000	10:53
Cal Check	0.204	10:53
Air Blank	0.000	10:54
Cal Check	0.205	10:55
Air Blank	0.000	10:55
Cal Check	0.205	10:56
Air Blank	0.000	10:57
Cal Check	0.205	10:57
Air Blank	0.000	10:58
Cal Check	0.205	10:59
Air Blank	0.000	10:59
Cal Check	0.205	11:00
Air Blank	0.000	11:00
Cal Check	0.204	11:01
Air Blank	0.000	11:02
Cal Check	0.204	11:02
Air Blank	0.000	11:03
Cal Check	0.204	11:04
Air Blank	0.000	11:04
Cal Check	0.204	11:05
Air Blank	0.000	11:05
Cal Check	0.000	11:05
Cal Check Stats		
Average	0.2045	
Std Dev	0.0005	
Rel Std Dev(%)	0.2577	


Random Samples of Lot Number **17090** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **February 27, 2017**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.2416%** (w/vol) ethyl alcohol. The expiration date for this lot number is **February 24, 2019** 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 **0.200 g/210L +/- 3%**.

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



Ted L. Pauley, President
 GUTH LABORATORIES, INC.


 16837
 Operator's Signature

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number **FN08101505** 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.