

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: 01-24-2017

SERIAL: 80-003363

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 01/24/2017	TIME PROCEDURE BEGAN 11:26	INSTRUMENT LOCATION 80-003363
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-003363

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	0.019	0.020
.04	0.038	0.038	0.038
.10	0.097	0.097	0.099
.20	0.198	0.193	0.198

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 01-24-2017
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: 01/24/17 Start Time: 1000 End Time: 1425

INSTRUMENT

Intoxilyzer Model	Serial #
8000	80-003863

GAS CANISTER

LOT #	EXP Date
32316080A3 #027	01-05-2019

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			
01-05-17	01-05-17	01-05-17	01-05-17

REASON FOR BENCH CHECK

- POST REPAIR
 CYLINDER REPLACEMENT
 TROUBLESHOOTING
 ROUTINE MAINTENANCE

COMMENTS

Replaced cracked O-rings. Full system inspection completed. No other faults found. Upgraded firmware on NIC card.

 16837
 Technician Signature / Permit #

Josh Smith
 Printed Name

Certificate of Analysis – Dry Gas

01-23-17	.080
Date of Analysis	Labelled target value (g/210L)
027	.0787
Cylinder #	Average test result
Jost Smith <i>[Signature]</i>	
BOT Technician Name and Signature	



INTOXILYZER 8000
Instrument Initialization
8133.12
08:00 01/23/2017

ALPHA INSTRUMENT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002591
01/23/2017 08:01

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

Rec'd 01/23/17
Certificate of Analysis

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	

Test	g/210L	Time
Air Blank	0.000	08:02
Cal Check	0.078	08:02
Air Blank	0.000	08:02
Cal Check	0.078	08:03
Air Blank	0.000	08:03
Cal Check	0.079	08:04
Air Blank	0.000	08:04
Cal Check	0.079	08:05
Air Blank	0.000	08:05
Cal Check	0.079	08:05
Air Blank	0.000	08:06
Cal Check	0.079	08:06
Air Blank	0.000	08:07
Cal Check	0.079	08:07
Air Blank	0.000	08:08
Cal Check	0.079	08:08
Air Blank	0.000	08:09
Cal Check	0.078	08:09
Air Blank	0.000	08:09
Cal Check	0.079	08:10
Air Blank	0.000	08:10
Cal Check Stats		
Average	0.0787	
Std Dev	0.0004	
Rel Std Dev(%)	0.6137	

*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] #16837
Operator's Signature

[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



OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

Section 1

ARREST DATE 01/24/2017		ARREST TIME 1400		COUNTY # 55		CITY # 21		CITATION # 2017-8	
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 NONE		MODEL NONE			TAG # NONE		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. NEW GAS CANISTER INSTALLED.

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 80-003363		SPECIALIST BOARD OF TESTS																																		
STANDARD Dry		TARGET VALUE 0.080		PERMIT NUMBER 16837																																		
MANUFACTURER ILMO		LOT # 32316080A3		DATE CYLINDER INSTALLED 01/24/2017	DATE CYLINDER EXPIRES 01/05/2019																																	
OBSERVATION START 1402	TEST DATE 01/24/2017	MOUTHPIECE G	<p>A 15-minute (or greater) deprivation/observation period was observed prior to and continuing to the time of test administration.</p> <p>I administered said Breath-Alcohol Test in compliance with the applicable operating procedure of the Board of Tests.</p> <p>_____ 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>14:18</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>14:18</td></tr> <tr><td>Breath Volume</td><td>1.988 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>14:19</td></tr> <tr><td>Wait</td><td></td><td>14:21</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>14:21</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>14:21</td></tr> <tr><td>Breath Volume</td><td>2.687 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>14:22</td></tr> <tr><td>Cal Check</td><td>0.08</td><td>14:22</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>14:23</td></tr> </tbody> </table>						Test	g/210L	Time	Air Blank	0.00	14:18	Subject Test	0.00	14:18	Breath Volume	1.988 LITERS		Air Blank	0.00	14:19	Wait		14:21	Air Blank	0.00	14:21	Subject Test	0.00	14:21	Breath Volume	2.687 LITERS		Air Blank	0.00	14:22	Cal Check	0.08	14:22
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NAME SMITH, JOSHUA		BADGE # 0000000435		PERMIT # 0000016837																																		
AGENCY BOARD OF TESTS																																						



Test Result BrAC g/210L <h1 style="margin: 0;">0.00</h1>
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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 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: **01/24/2017** 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: **01/24/2017** Place (location when signed): _____ Signature of arresting officer: _____

NAME SMITH, JOSHUA		AGENCY BOARD OF TESTS	
BADGE 0000000435	AGENCY ADDRESS INTER-AGENCY		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'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

Section 1

ARREST DATE 01/24/2017		ARREST TIME 1400		COUNTY # 55	CITY # 21	CITATION # 2017-8		
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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 NONE		MODEL NONE		TAG # NONE		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. NEW GAS CANISTER INSTALLED.

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 80-003363	SPECIALIST BOARD OF TESTS																																					
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NAME SMITH, JOSHUA			<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p>Test Result BrAC g/210L 0.00</p> </div>																																					
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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 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


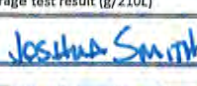
SERVING OF NOTICE: I personally hand-delivered a copy of the above containing the Notice of Revocation to the person named in Section 1 above.

Date served: **01/24/2017** 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."

Date: **01/24/2017** 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"

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 	
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.

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.

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




Ted L. Pauley, President
 GUTH LABORATORIES, INC.

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.

 12/12/16



BRT Form 6.0

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	

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

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.

Intoxilyzer 8000
Model 8000
12/12/2016
SN 80-002591
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	

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.

12-12-16
J

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.



BRT Form 6.0

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)
JOSH SMITH	16837
BOTT 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.

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

RECID
11-4-2015
J #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.

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

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)
Ted Pauley	#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.

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

REC'D
11-4-2015
#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.

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
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