

Service Overview

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



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

BENCH CHECK DATE: 03-07-2017

SERIAL: 80-003566

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)



**STATE OF OKLAHOMA
BOARD OF TESTS FOR ALCOHOL AND DRUG INFLUENCE**

Administrative Office at:
Board of Tests for Alcohol and Drug Influence
Post Office Box 36307
Oklahoma City, Oklahoma 73136-2307

Certificate of Calibration and Operation

This is to certify that the calibration of **INTOXILYZER 8000**, serial number 80-003566, manufactured by CMI Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, was tested and found to be in compliance with National Highway Traffic Safety Administration Standard for Devices to Measure Breath Alcohol (F.R., No. 179 48705-48710 Sept. 17, 1993) and with International Recommendation OIML R 126 Edition 1998 (E). Calibration solutions are traceable to NIST standard material 1828.

In addition the operational procedures and functions of this Intoxilyzer have also been tested and found to be in compliance with the Oklahoma Board of Tests for Alcohol and Drug Influence - Rules and Regulations OAC Title 40: 25-1-2 and 30-1-3 and is hereby certified for use as an evidential breath testing device within this state.

CERTIFICATION TYPE	DATE
Manufacturer Calibration	12-15-08
Board of Tests Bench Check	01-05-09
Manufacturer Calibration	08-14-09
Board of Tests Bench Check	08-24-09
Board of Tests Bench Check	07-20-11
Manufacturer Calibration	06-12-12
Board of Tests Bench Check	07-23-12
Board of Tests Bench Check	06-28-13
Manufacturer Calibration	02-26-15
Board of Tests Bench Check	03-23-15
Board of Tests Bench Check	03-07-17



Presentation of this form certifies that the Intoxilyzer, SN: 80-003566, functioned properly at the time of the breath test and hereby certifies the breath test result as valid.

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 03/07/2017	TIME PROCEDURE BEGAN 09:46	INSTRUMENT LOCATION 80-003566
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-003566

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	0.016	0.016	0.014
.04	0.035	0.034	0.035
.10	0.096	0.095	0.095
.20	0.196	0.194	0.193

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 03-07-2017
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: 03 / 07 / 2017 Start Time: 1000 End Time: 1155

INSTRUMENT

Intoxilyzer Model Serial #
 8000 80-003566

GAS CANISTER

LOT # EXP Date
 34416080A2 #034 2-5-19

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			
02-28-17	02-28-17	03-07-17	03-07-17

REASON FOR BENCH CHECK

- POST REPAIR CYLINDER REPLACEMENT
 TROUBLESHOOTING ROUTINE MAINTENANCE

COMMENTS

System inspected. No faults found.

Technician Signature / Permit # 16837

Printed Name Josh Smick

Certificate of Analysis - Dry Gas	
3-3-17	1080
Date of Analysis	Labeled target value (g/210L)
034	.0808
Cylinder #	Average test result
Josh Smith	
BOT Technician Name and Signature	



ILMO
specialty gases

BRT Form 5.0

ALPHA INSTRUMENT 2
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004923
03/03/2017 15:20

In accordance with BOT Policy and Procedure Statement BRT-2.1.0, Maintenance of a 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	15:21
Cal Check	0.081	15:21
Air Blank	0.000	15:22
Cal Check	0.080	15:22
Air Blank	0.000	15:22
Cal Check	0.080	15:23
Air Blank	0.000	15:23
Cal Check	0.081	15:24
Air Blank	0.000	15:24
Cal Check	0.081	15:24
Air Blank	0.000	15:25
Cal Check	0.081	15:25
Air Blank	0.000	15:26
Cal Check	0.081	15:26
Air Blank	0.000	15:27
Cal Check	0.081	15:27
Air Blank	0.000	15:27
Cal Check	0.081	15:28
Air Blank	0.000	15:28
Cal Check	0.081	15:29
Air Blank	0.000	15:29
Cal Check Stats		
Average	0.0808	
Std Dev	0.0004	
Rel Std Dev(%)	0.5218	

Certificate of Analysis

Certificate ID: 9833 ✓
Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 34416080A2 ✓
Expiration: 2/5/2019 ✓

REC'D
03/02/2017
[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	209 PPM	+/- 0.002 or 2%	NDIR
Nitrogen	BALANCE	BAC whichever is greater	

[Signature] 16837
Operator's Signature

*NIST Standard Reference Material
Cylinder No. CC103723 / 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

12/29/16
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 03/07/2017		ARREST TIME 1045		COUNTY # 55	CITY # 12	CITATION # 121222	
ARREST LOCATION MOCK				CITY MOCK		COUNTY OKLAHOMA	
SUBJECT NAME MOCK, SUBJECT TEST				DATE OF BIRTH 08/09/1961	SEX M	RACE W	HEIGHT 510
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
VEHICLE MAKE NN		MODEL NN		TAG # NN		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. 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 80-003566	SPECIALIST BOARD OF TESTS																																					
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 16837																																					
MANUFACTURER ILMO		LOT # 34416080A2	DATE CYLINDER INSTALLED 03/07/2017	DATE CYLINDER EXPIRES 02/05/2019																																				
OBSERVATION START 1100	TEST DATE 03/07/2017	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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RESULT TABLE			NAME SMITH, JOSHUA																																					
			BADGE # 000000435	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: **03/07/2017** 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: **03/07/2017** Place (location when signed): _____ Signature of arresting officer: _____

NAME SMITH, JOSHUA		AGENCY BOARD OF TESTS	
BADGE 000000435	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 03/07/2017		ARREST TIME 1045		COUNTY # 55	CITY # 12	CITATION # 121222	
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SUBJECT NAME MOCK, SUBJECT TEST				DATE OF BIRTH 08/09/1961	SEX M	RACE W	HEIGHT 510
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 NN		MODEL NN	TAG # NN		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. 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 80-003566	SPECIALIST BOARD OF TESTS																																					
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 16837																																					
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OBSERVATION START 1100	TEST DATE 03/07/2017	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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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: **03/07/2017** 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: **03/07/2017** Place (location when signed): _____ Signature of arresting officer: _____

NAME SMITH, JOSHUA		AGENCY BOARD OF TESTS	
BADGE 000000435	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	
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.
 LISBURG, 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
Cal Check Stats		
Average	0.0194	
Std Dev	0.0005	
Rel Std Dev(%)	2.6617	

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, 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)	0.040
Lot Number	15080
Average test result (g/210L)	0.0396
BOT Technician Name and Signature	Tosh Smith <i>[Signature]</i> 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

REC'D
09-24-2015
[Signature] #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.

[Signature]
Ted L. Pauley, President
GUTH LABORATORIES, INC.

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	

[Signature] 12-12-16

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	1.100
Date of Analysis	Labelled target value (g/210L)
15220	1.0999
Lot Number	Average test result (g/210L)
JOSH SMITH	16837
BRT 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 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 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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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, 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