

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: 10-22-2018

SERIAL: 80-002676

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 10/22/2018	TIME PROCEDURE BEGAN 12:05	INSTRUMENT LOCATION 80-002676
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-002676

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

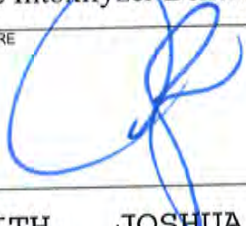
Duplicate Breath Sampling Results

Value	Test 1	Test 2	Control Test
.02	0.018	0.018	0.019
.04	0.040	0.039	0.039
.10	0.101	0.100	0.100
.20	0.198	0.199	0.200

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 10-22-18
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: 10 / 22 / 18 Start Time: 1140 End Time: 1353

INSTRUMENT

Intoxilyzer Model 8000 Serial # 80-002676

GAS CANISTER

LOT # 135180B0A6 # 051 EXP Date 8-5-2020


REFERENCE

Simulator Model			
Guth 2100	Guth 2100	Guth 2100	Guth 2100
Serial #			
DR3591	DR3753	DR3594	DR3754
Concentration			
.02	.04	.10	.20
LOT #			
18020	17410	18070	17340
Manufactured Date			
01-09-2018	12-06-2017	02-26-2018	10-09-2017
Expiration Date			
01-09-2020	12-06-2019	02-26-2018	10-09-2019
Solution Commission Date			
<u>10-18-18</u>	<u>10-18-18</u>	<u>10-18-19</u>	<u>10-18-18</u>

REASON FOR BENCH CHECK

- POST REPAIR CYLINDER REPLACEMENT
 TROUBLESHOOTING ROUTINE MAINTENANCE

COMMENTS


 Technician Signature / Permit # 16837
 Printed Name Jack Smith

Certificate of Analysis – Dry Gas

10-22-18	.080
Date of Analysis	Labelled target value (g/210L)
#051	.0815
Cylinder #	Average test result
Josh Smith	
BOT Technician Name and Signature	



ALPHA INSTRUMENT
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-002591
 10/22/2018 12:12

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.
 7 Eastgate Dr., P.O. Box 790 • Jacksonville, IL 62651-0790
 217-245-2183 • Fax: 217-243-7634 • www.ilmoproducts.com

Test	g/210L	Time
Air Blank	0.000	12:12
Cal Check	0.081	12:12
Air Blank	0.000	12:13
Cal Check	0.082	12:13
Air Blank	0.000	12:14
Cal Check	0.081	12:14
Air Blank	0.000	12:15
Cal Check	0.081	12:15
Air Blank	0.000	12:15
Cal Check	0.081	12:16
Air Blank	0.000	12:16
Cal Check	0.082	12:17
Air Blank	0.000	12:17
Cal Check	0.082	12:17
Air Blank	0.000	12:18
Cal Check	0.082	12:18
Air Blank	0.000	12:19
Cal Check	0.082	12:19
Air Blank	0.000	12:20
Cal Check	0.081	12:20
Air Blank	0.000	12:21
Cal Check Stats		
Average	0.0815	
Std Dev	0.0005	
Rel Std Dev(%)	0.6466	

Certificate of Analysis

Certificate ID: 11164
 Part #: BAC105L080T
 Cylinder Size: 105L
 Lot Number: 13518080A6 ✓
 Expiration: 8/5/2020 ✓

RECV'D
 08-05-18

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

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

Component:	Reported Concentration:	Analytical Accuracy (U, k=2):	Analytical Method:
Ethanol	208 ppm	+/-0.002 BAC(G/210L) [5.2 ppm]	NDIR
Nitrogen	Balance		

Distributed by:
 CMI Inc.
 316 East Ninth Str
 Owensboro, KY 4
 Phone 866-835-06
www.alcoholtest.c

Operator's Signature 16837

*NIST Traceable Reference Material
 Cylinder No. CC274523 / Job No. 09160306
 Certified 362.2 µmol/mol Ethanol in Nitrogen

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

Specialty Gas Lab Tech

06-05-18
 Date



The calibration results within this certificate were obtained using equipment and standards capable of producing analytical results traceable to NIST, and apply only to the items contained on this certificate. ILMO Products Company makes no warranty or representation as to the suitability of the use of any information provided for any particular purpose. The information use is at the sole discretion and risk of the user. Liability shall be limited to established replacement cost of this material or service.

ISO/IEC 17025:2005 Accredited Laboratory

OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

Section 1

ARREST DATE 10/22/2018		ARREST TIME 1230		COUNTY # 55	CITY # 90	CITATION # MOCK			
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 N		MODEL N	TAG # N		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 INSTALLED.

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

NONE

THE PERSON WAS INFORMED OF THE IMPLIED CONSENT TEST REQUEST

Section 2

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

EQUIPMENT I-8000		SERIAL NUMBER 80-002676	SPECIALIST BOARD OF TESTS																																								
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 16837																																								
MANUFACTURER ILMO		LOT # 13518080A6	DATE CYLINDER INSTALLED 10/22/2018	DATE CYLINDER EXPIRES 08/05/2020																																							
OBSERVATION START 1250	TEST DATE 10/22/2018	MOUTHPIECE G	A 15-minute (or greater) deprivation/observation period was observed prior to and continuing to the time of test administration.																																								
RESULT TABLE <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Test</th> <th style="text-align: left;">g/210L</th> <th style="text-align: left;">Time</th> </tr> </thead> <tbody> <tr><td colspan="3">-----</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>13:21</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>13:22</td></tr> <tr><td style="padding-left: 20px;">Breath Volume</td><td>1.394 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>13:23</td></tr> <tr><td>Wait</td><td></td><td>13:24</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>13:25</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>13:25</td></tr> <tr><td style="padding-left: 20px;">Breath Volume</td><td>1.339 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>13:26</td></tr> <tr><td>Cal Check</td><td>0.08</td><td>13:26</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>13:26</td></tr> </tbody> </table>					Test	g/210L	Time	-----			Air Blank	0.00	13:21	Subject Test	0.00	13:22	Breath Volume	1.394 LITERS		Air Blank	0.00	13:23	Wait		13:24	Air Blank	0.00	13:25	Subject Test	0.00	13:25	Breath Volume	1.339 LITERS		Air Blank	0.00	13:26	Cal Check	0.08	13:26	Air Blank	0.00	13:26
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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</td></tr> <tr><td style="text-align: center; font-size: 24pt;">0.00</td></tr> </table>		Test Result BrAC g/210L	0.00																																					
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SIGNATURE OF OPERATOR			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">NAME SMITH, JOSHUA</td></tr> <tr><td>BADGE # 0000000435</td><td>PERMIT # 0000016837</td></tr> <tr><td colspan="2">AGENCY BOARD OF TESTS</td></tr> </table>		NAME SMITH, JOSHUA		BADGE # 0000000435	PERMIT # 0000016837	AGENCY BOARD OF TESTS																																		
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Section 3

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: **10/22/2018** 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: **10/22/2018** 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

OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

Section 1

ARREST DATE 10/22/2018		ARREST TIME 1230		COUNTY # 55		CITY # 90		CITATION # MOCK		
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 N		MODEL N		TAG # N		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 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 80-002676		SPECIALIST BOARD OF TESTS																																								
STANDARD Dry		TARGET VALUE 0.080		PERMIT NUMBER 16837																																								
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RESULT TABLE			SIGNATURE OF OPERATOR _____ NAME SMITH, JOSHUA BADGE # 0000000435 PERMIT # 0000016837 AGENCY BOARD OF TESTS																																									



Test Result
BrAC g/210L
0.00

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: **10/22/2018** 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: **10/22/2018** 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"

Section 5

OTHER WITNESSES:			
1	NAME	TITLE	ADDRESS
2	NAME	TITLE	ADDRESS

No Temporary License Issued:
Test Below Legal Limit

OFFICER/DPS COPY
BOT Form AFF01 07/2008



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-6470

Certificate of Analysis – Wet Bath	
09-26-2018	0.0200
Date of Analysis	Labelled target value (g/210L)
18020	0.0204
Lot Number	Average test result (g/210L)
Just Smith	
BOT Technician Name and Signature	



BRT Form 6.0

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

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

RECV'D
08/25/18
[Signature]

Random Samples of Lot Number 18020 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 11, 2018, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.0238% (w/vol) ethyl alcohol. The expiration date for this lot number is January 9, 2020 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.

ALPHA INSTRUMENT
Intoxilyzer - Alcohol Analyzer
Model 8000
09/26/2018

SN 80-002591
15:36

Test	g/210L	Time
Air Blank	0.000	15:36
Cal Check	0.020	15:37
Air Blank	0.000	15:37
Cal Check	0.020	15:38
Air Blank	0.000	15:39
Cal Check	0.020	15:39
Air Blank	0.000	15:40
Cal Check	0.020	15:41
Air Blank	0.000	15:41
Cal Check	0.020	15:42
Air Blank	0.000	15:42
Cal Check	0.020	15:43
Air Blank	0.000	15:44
Cal Check	0.021	15:44
Air Blank	0.000	15:45
Cal Check	0.021	15:46
Air Blank	0.000	15:46
Cal Check	0.021	15:47
Air Blank	0.000	15:47
Cal Check	0.021	15:48
Air Blank	0.000	15:49
Cal Check Stats		
Average	0.0204	
Std Dev	0.0005	
Rel Std Dev(%)	2.5312	

[Signature]
Operator Signature
16837

[Signature]

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN08031603 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.



GUTH LABORATORIES, INC.

690 NORTH 67th STREET • HARRISBURG, PA 17110 • TELEPHONE: 717-664-5470

Certificate of Analysis - Wet Bath	
09-26-18	.040
Date of Analysis	Labelled target value (g/210L)
17410	0.0396
Lot Number	Average test result (g/210L)
Josh Smith	
BOT Technician Name and Signature	



BRT Form 6.0

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

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 17410 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on December 7, 2017, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.0481% (w/vol) ethyl alcohol. The expiration date for this lot number is December 6, 2019 at 11:59 PM.

RECD 8/25/18

ALPHA INSTRUMENT
Intoxilyzer - Alcohol Analyzer
Model 8000
09/26/2018

SH 80-002591
15:54

Test	g/210L	Time
Air Blank	0.000	15:54
Cal Check	0.040	15:55
Air Blank	0.000	15:56
Cal Check	0.039	15:56
Air Blank	0.000	15:57
Cal Check	0.039	15:58
Air Blank	0.000	15:58
Cal Check	0.040	15:59
Air Blank	0.000	15:59
Cal Check	0.040	16:00
Air Blank	0.000	16:01
Cal Check	0.040	16:01
Air Blank	0.000	16:02
Cal Check	0.039	16:03
Air Blank	0.000	16:03
Cal Check	0.040	16:04
Air Blank	0.000	16:04
Cal Check	0.040	16:05
Air Blank	0.000	16:06
Cal Check	0.039	16:06
Air Blank	0.000	16:07
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.

[Signature]
Operator's Signature

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

NIST Traceability:
Testing was conducted using Cerilliant Reference Standard lot number FN12181501 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	
09-27-2018	.100
Date of Analysis	Labelled Target value (g/210L)
18070	0.0996
Lot Number	Actual Target value (g/210L)
	
BOT Technician Name and Signature: <i>Josh Satter</i>	



GUTH LABORATORIES, INC.
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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

Random Samples of Lot Number 18070 of

Alcohol Reference Solution for Simulator were analyzed by gas chromatography on February 28, 2018, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1219% (w/vol) ethyl alcohol. The expiration date for this lot number is February 26, 2020 at 11:59 PM.

*REC'D
08/25/18
[Signature]*

ALPHA INSTRUMENT
 Intoxilyzer – Alcohol Analyzer
 Model 8000 SN 80-002591
 09/27/2018 08:28

Test	g/210L	Time
Air Blank	0.000	08:28
Cal Check	0.100	08:29
Air Blank	0.000	08:29
Cal Check	0.100	08:30
Air Blank	0.000	08:31
Cal Check	0.099	08:31
Air Blank	0.000	08:32
Cal Check	0.100	08:33
Air Blank	0.000	08:33
Cal Check	0.100	08:34
Air Blank	0.000	08:34
Cal Check	0.100	08:35
Air Blank	0.000	08:36
Cal Check	0.099	08:36
Air Blank	0.000	08:37
Cal Check	0.099	08:38
Air Blank	0.000	08:38
Cal Check	0.099	08:39
Air Blank	0.000	08:39
Cal Check	0.100	08:40
Air Blank	0.000	08:41

Cal Check Stats
 Average 0.0996
 Std Dev 0.0005
 Rel Std Dev(%) 0.5184

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.

[Signature] 16837
 Operator's Signature

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN04271602 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	
09-27-2018	.200
Date of Analysis	Labelled target value (g/210L)
17340	0.1968
Lot Number	Test result (g/210L)
Josh Smith BOT Technician Name and Signature	



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 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
08/25/18
[Signature]

Random Samples of Lot Number 17340 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **October 10, 2017**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.2410%** (w/vol) ethyl alcohol. The expiration date for this lot number is **October 9, 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.

ALPHA INSTRUMENT
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-002591
 09/27/2018 15:27

Test	g/210L	Time
Air Blank	0.000	15:27
Cal Check	0.196	15:28
Air Blank	0.000	15:29
Cal Check	0.196	15:29
Air Blank	0.000	15:30
Cal Check	0.197	15:31
Air Blank	0.000	15:31
Cal Check	0.197	15:32
Air Blank	0.000	15:33
Cal Check	0.197	15:33
Air Blank	0.000	15:34
Cal Check	0.197	15:35
Air Blank	0.000	15:35
Cal Check	0.197	15:36
Air Blank	0.000	15:36
Cal Check	0.197	15:37
Air Blank	0.000	15:38
Cal Check	0.197	15:38
Air Blank	0.000	15:39
Cal Check	0.197	15:40
Air Blank	0.000	15:40
Cal Check Stats		
Average	0.1968	
Std Dev	0.0004	
Rel. Std Dev(%)	0.2142	

[Signature]

Ted L. Pauley, President
 GUTH LABORATORIES, INC.

[Signature] 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.