



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

Dr. Jarrad Wagner, Ph.D. F-ABFT
Chairman

Post Office Box 36307
Oklahoma City, Oklahoma 73136-2307
Phone: (405) 425-2460 Fax: (405) 425-2490
www.bot.ok.gov

Joshua Smith
Director

ATTESTATION

I, the undersigned Joshua Smith (Director/Records Custodian), attest under oath pursuant to 12 O.S. §2902 (11)(a) this record was made, at or near the time of the occurrence of the matters set forth by or from information transmitted by a person having knowledge of those matters; was kept in the course of the regularly conducted business activity of the Board; and was made pursuant to the regularly conducted activity. The duplicate record provided is listed below:

- 1) The attached "Service Overview" is a true and accurate copy of maintenance performed on the Intoxilyzer 8000, serial number 80-004923 , in compliance with the agency's Maintenance Policy and Procedures.

This packet consists of 12 pages.

Signed _____

Name of Position: Director/Records Custodian

Date of Attestation: 09/23/2021

Supplemented 02/17/2022

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: 09-23-2021

SERIAL: 80-004923

DOCUMENTATION WITHIN SERVICE PACKET:

- BOT Certificate of Maintenance, Calibration and Operation
- Bench Check
- BOT Dry Gas Certificate of Analysis
- Mock Subject Test
- BOT Certificates of Analysis on Certified Solutions (4)



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Chairman

Joshua Smith
Director

MEMORANDUM

DATE: February 11, 2022

TO: FILE

A scrivener's error was identified on BOT Form 4.0 Certificate of Maintenance, Calibration, and Operation as a result of multiple sessions of drafting. The form contained in this maintenance packet has been amended and updated to include the intended information. The agency apologizes for any inconvenience this may have caused.

A handwritten signature in blue ink, appearing to be "J. Smith", is written over the typed name and title.

Joshua Smith
State Director

Cc: Intoxilyzer 8000 maintenance folder



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Joshua Smith
Director

CERTIFICATE of MAINTENANCE, CALIBRATION, and OPERATION


This certifies the **Intoxilyzer 8000** referenced below, manufactured by CMI, Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, is maintained by the Board of Tests for Alcohol and Drug Influence in accordance with 40 O.A.C. 30-1-3. The instrument reported below is hereby deemed to be in compliance with Board rules via linearity accuracy examination and operational/functional procedure evaluation also referred to as a "Bench Check". The Intoxilyzer 8000 appears on the National Highway Traffic Safety Administration's Conforming Products List of Evidential Breath Alcohol Measurement Devices (82 FR 50940 *et seq*) as an approved device. In accordance with 40 O.A.C. 25-1-2, this instrument is approved and certified for use in the State of Oklahoma as an automated evidential breath-alcohol measurement device by the Board of Tests pursuant to 47 O.S. § 759.

All analyses conducted by this instrument are considered precise, valid, and in accordance with 40 O.A.C. 30-1-3(b) Operating Procedure(s). A printed breath test operator affidavit containing the seal of the Board by this instrument confirms a calibration check successfully verified the instrument's calibration at the time of test. The printed breath test affidavit also serves as proof that safeguards in place to protect the breath samples, including but not limited to Ambient Air Interference, Radio Frequency Interference, Residual Mouth Alcohol, Deficient Samples, etc. were not triggered and the test is a true and accurate scientific measurement of the person's alcohol concentration.

- Maintenance was performed on the Intoxilyzer 8000, Serial No. 80-004923 on 09/23/2021 in accordance with 40 O.A.C. 30-1-3 and internal BOT maintenance policy and procedures.
- A dry gas canister appearing on the National Highway Traffic Safety Administration's Conforming Products List of Calibrating Units for Breath Alcohol Testers (77 FR 64588 *et seq*) and approved in accordance with 40 O.A.C. 25-1-3 and BOT maintenance policy was installed.
 - Manufacturer: ILMO Unit: 208 ppm / 105 L
 - Cylinder Lot No. - Canister No.: 31420080A2-036
 - BOT analysis average test result: 0.081
 - Cylinder expiration date: 01/05/2023
- In accordance with 40 O.A.C. 25-1-2.1, the approved reference standards and equipment were used:

Simulator Model			
Guth 2100	Guth 2100	Guth 2100	Guth 2100
Serial #			
DR3685	DR3753	DR3594	DR3754
Concentration			
.02	.04	.10	.20
LOT #			
20070	20060	20190	20160
Manufactured Date			
02/13/2020	02/10/2020	04/06/2020	03/18/2020
Expiration Date			
02/13/2022	02/10/2022	04/06/2022	03/18/2022
Solution Commission Date			
09/23/2021	09/03/2021	09/23/2021	09/23/2021

Completed by BOT Personnel:

 christopher Pope
Signature/Name

Breath-Alcohol Testing Program Administrator
Title

Certified by:

 Joshua Smith
Signature Name

State Director
Title

STATE OF OKLAHOMA - DEPARTMENT OF PUBLIC SAFETY
CMI INTOXILYZER BENCH CHECK PROCEDURE REPORT

BENCH CHECK DATE 09/23/2021	TIME PROCEDURE BEGAN 10:49	INSTRUMENT LOCATION 80-0C4923	
INSTRUMENT TYPE Intoxilyzer		INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-004923
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	0.018	0.019
.04	0.038	0.037	0.038
.10	0.101	0.100	0.100
.20	0.202	0.200	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

NAME

PERMIT #

PAPE, CHRISTOPHER

0000023020

Certificate of Analysis – Dry Gas

6/12



1/13/2021	0.080
Date of Analysis	Labelled target value (g/210L)
036	0.081
Cylinder #	Average test result
Christopher Page <i>[Signature]</i> 23520	
BOT Technician Name and Signature	

ALPHA INSTRUMENT 2
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004923
 01/13/2021 15:19

In accordance with BOT Policy and Procedure Statement BRT-2.2.0, *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
 217-245-2163 • Fax: 217-243-7634 • www.ilmoproducts.com

Test	g/210L	Time
Air Blank	0.000	15:19
Cal Check	0.081	15:20
Air Blank	0.000	15:20
Cal Check	0.081	15:20
Air Blank	0.000	15:21
Cal Check	0.081	15:21
Air Blank	0.000	15:22
Cal Check	0.081	15:22
Air Blank	0.000	15:23
Cal Check	0.081	15:23
Air Blank	0.000	15:23
Cal Check	0.081	15:24
Air Blank	0.000	15:24
Cal Check	0.081	15:25
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	15:28
Cal Check Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Certificate of Analysis

Certificate ID: 13477 ✓
Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 31420080A2 ✓
Expiration: 1/5/2023 ✓

RCV'D
1/13/2021
CP

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 St
 Owensboro, KY
 Phone 866-835-0
www.alcoholtest

[Signature]
 Operator's Signature

*Traceable to:
 Certified Reference Material - 262.4 µmol/mol
 Ethanol in Nitrogen - Serial No. GN0015026 Lot No. 050319E11

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

12-08-2020
 Issuance 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.

OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

7/12

Section 1

ARREST DATE 09/23/2021		ARREST TIME 1315		COUNTY # 55	CITY #	CITATION #		
ARREST LOCATION BOT				CITY		COUNTY OKLAHOMA		
SUBJECT NAME NORTH, GAYLON LEVERNE				DATE OF BIRTH 08/09/1961	SEX M	RACE W	HEIGHT 510	WEIGHT 165
ADDRESS 3600 MARTIN LUTHER KING A				CITY OKLAHOMA CITY		STATE OK	ZIP CODE 73133	
DRIVER LICENSE # T083454871				EXPIRATION DATE 06/30/2019	STATE OK	CLASS A	RESTRICTIONS	ENDORSEMENTS M
VEHICLE MAKE MOCK		MODEL MOCK		TAG # MOCK		STATE OK	CMV N	PLACARD N

On the above date, time, and location, the above named person was arrested, and I had reasonable grounds to believe the person was driving or in actual physical control of a motor vehicle upon a public road, highway, street, turnpike, public parking lot, or other public place, or upon a private road, street, alley or lane which provides access to one or more single or multi-family dwelling within this state while under the influence of alcohol and/or other intoxicating substances as prohibited by law.

(Describe driving behavior or circumstances):
MOCK SUBJECT TEST

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

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 80-004923	SPECIALIST BOARD OF TESTS																																					
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 23020																																					
MANUFACTURER ILMO		LOT # 31420080A2	DATE CYLINDER INSTALLED 09/23/2021	DATE CYLINDER EXPIRES 01/05/2023																																				
OBSERVATION START 1330	TEST DATE 09/23/2021	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;"><i>Christopher Pape</i> 23020 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. You may appeal any Departmental action against your driver license as a result of this arrest by filing a petition in the District Court of the County in which you were arrested. Your petition must be filed within thirty (30) days of the date listed below. You may be eligible to participate in the Impaired Driver Accountability Program (IDAP) administered by the Department of Public Safety (DPS). Completion of IDAP may prevent a revocation as a result of this arrest from appearing on your driving record. Participation in IDAP may reduce the amount of fees you will be required to pay to the State. You must request IDAP within thirty (30) days of the date listed below. Mail the request for IDAP to the Department of Public Safety at P.O. Box 11415, Oklahoma City, OK 73136.

SERVING OF NOTICE: I personally hand delivered a copy of the above containing the Notice of Revocation and the Notice of Department Impaired Driving Accountability Program to the person named in Section 1 above.

Date served: **09/23/2021** 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: **09/23/2021** Place (location when signed): _____ Signature of arresting officer: _____

NAME PAPE, CHRISTOPHER		AGENCY BOARD OF TESTS	
BADGE 000000484	AGENCY ADDRESS INTER-AGENCY	ZIP CODE 00000	PHONE 4054252460

OTHER WITNESSES:

Section 5

1	NAME	TITLE	ADDRESS	PHONE
1	NAME	TITLE	ADDRESS	PHONE
2	NAME	TITLE	ADDRESS	PHONE

No Temporary License Issued:
Test Below Legal Limit

OFFICER/DPS COPY
BOT Form AFF01 03/2020

OFFICER'S AFFIDAVIT AND NOTICE OF REVOCAION/DISQUALIFICATION

Section 1

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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	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

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

ROUTINE MAINTENANCE

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 80-004923	SPECIALIST BOARD OF TESTS																																					
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SERVING OF NOTICE: I personally hand delivered a copy of the above containing the Notice of Revocation and the Notice of Department Impaired Driving Accountability Program to the person named in Section 1 above.


Date served: **09/23/2021** 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: **09/23/2021** Place (location when signed): _____ Signature of arresting officer: _____

NAME PAPE, CHRISTOPHER		AGENCY BOARD OF TESTS	
BADGE 0000000484	AGENCY ADDRESS INTER-AGENCY	ZIP CODE 00000	PHONE 4054252460

Certificate of Analysis - Wet Bath	
8/11/2020	0.020
Date of Analysis	Labelled tank value (g/210L)
20070	0.020
Lot Number	Average result (g/210L)
	
BDT Technician Name and Signature	



GUTH LABORATORIES, INC.
 330 NORTH 6th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

BRT Form 6.0

In accordance with BRT - 2.2.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

CERTIFICATE OF ANALYSIS

*ACV'D
6/1/2020
CP*

ALPHA INSTRUMENT 2
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 00-004923
 08/11/2020 09:42

Certified Alcohol Reference Solution for Simulator

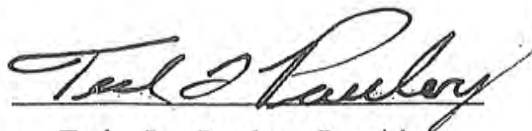
Test	g/210L	Time
Air Blank	0.000	09:42
Cal Check	0.020	09:43
Air Blank	0.000	09:43
Cal Check	0.020	09:44
Air Blank	0.000	09:45
Cal Check	0.020	09:45
Air Blank	0.000	09:46
Cal Check	0.020	09:47
Air Blank	0.000	09:47
Cal Check	0.021	09:48
Air Blank	0.000	09:48
Cal Check	0.020	09:49
Air Blank	0.000	09:49
Cal Check	0.020	09:50
Air Blank	0.000	09:51
Cal Check	0.020	09:51
Air Blank	0.000	09:52
Cal Check	0.020	09:53
Air Blank	0.000	09:53
Cal Check	0.019	09:54
Air Blank	0.000	09:54
Cal Check Stats		
Average	0.0200	
Std Dev	0.0004	
Rel Std Dev(%)	2.3569	

Random Samples of Lot Number **20070** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **February 17, 2020**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0242%** (w/vol) ethyl alcohol. The expiration date for this lot number is **February 13, 2022** 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.


 Operator's 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.

Certificate of Analysis - Wet Bath	
7/22/2020	0.040
Date of Analysis	Labelled target value (g/210L)
20060	0.040
Lot Number	Average test result (g/210L)
Christopher Pauley	0.040
BOT Technician Name and Signature	



GUTH LABORATORIES, INC.
 80 NORTH 5TH STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-6470
 BRT Form 6.0

In accordance with BRT - 2.2.0, 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

RCV'D
6/1/20
CP

Random Samples of Lot Number **20060** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **February 11, 2020**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0483%** (w/vol) ethyl alcohol. The expiration date for this lot number is **February 10, 2022** 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.

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

ALPHA WYIT SUB
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003400
 07/22/2020 14:57

Test	g/210L	Time
Air Blank	0.000	14:57
Cal Check	0.040	14:58
Air Blank	0.000	14:59
Cal Check	0.039	14:59
Air Blank	0.000	15:00
Cal Check	0.039	15:01
Air Blank	0.000	15:01
Cal Check	0.039	15:02
Air Blank	0.000	15:02
Cal Check	0.039	15:03
Air Blank	0.000	15:04
Cal Check	0.039	15:04
Air Blank	0.000	15:05
Cal Check	0.040	15:06
Air Blank	0.000	15:06
Cal Check	0.040	15:07
Air Blank	0.000	15:07
Cal Check	0.040	15:08
Air Blank	0.000	15:09
Cal Check	0.040	15:09
Air Blank	0.000	15:10

Cal Check Stats
 Average 0.0395
 Std Dev 0.0005
 Rel Std Dev(%) 1.3342

Christopher Pauley
 Operator's Signature

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

11/12

06/16/20	.100
Date of Analysis	Labelled target value (g/210L)
20190	.098
Lot Number	Actual test result (g/210L)
John Smith	
BOT Technician Name and Signature	



GUTH LABORATORIES, INC.

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In accordance with BRT – 2.2.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

Rec'd
06/11/2020
[Signature]

CERTIFICATE OF ANALYSIS

ALPHA INSTRUMENT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002591
06/16/2020 16:18

Certified Alcohol Reference Solution for Simulator

Test	g/210L	Time
Air Blank	0.000	16:18
Cal Check	0.099	16:19
Air Blank	0.000	16:20
Cal Check	0.098	16:20
Air Blank	0.000	16:21
Cal Check	0.097	16:22
Air Blank	0.000	16:22
Cal Check	0.098	16:23
Air Blank	0.000	16:24
Cal Check	0.098	16:24
Air Blank	0.000	16:25
Cal Check	0.098	16:26
Air Blank	0.000	16:26
Cal Check	0.098	16:27
Air Blank	0.000	16:27
Cal Check	0.097	16:28
Air Blank	0.000	16:29
Cal Check	0.098	16:29
Air Blank	0.000	16:30
Cal Check	0.098	16:31
Air Blank	0.000	16:31
Cal Check Stats		
Average	0.0979	
Std Dev	0.0005	
Rel Std Dev(%)	0.5798	

Random Samples of Lot Number 20190 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on April 8, 2020, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1206% (w/vol) ethyl alcohol. The expiration date for this lot number is April 6, 2022 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.

[Signature] 16837
Operator's Signature

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

NIST Traceability:
Testing was conducted using Cerilliant Reference Standard lot number FN02271802 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	
07/07/2020	0.200
Date of Analysis	Labeled Test Value (g/210L)
20160	0.197
Lot Number	Average Test Value (g/210L)
Christopher Payne	0.2030
BOT Technician Name and Signature	



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BRT Form 6.0

In accordance with BRT – 2.2.0, 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
05/2020
CP*

Certified Alcohol Reference Solution for Simulator

LPHR UNIT 508
 Intoxilyzer – Alcohol Analyzer
 Model 8000 SN 80-003400
 7/07/2020 15:25

Random Samples of Lot Number **20160** of

Alcohol Reference Solution for Simulator were analyzed by gas chromatography on March 20, 2020, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.2427% (w/vol) ethyl alcohol**. The expiration date for this lot number is **March 18, 2022** at 11:59 PM.

Test	g/210L	Time
Ir Blank	0.000	15:26
al Check	0.196	15:26
Ir Blank	0.000	15:27
al Check	0.196	15:28
Ir Blank	0.000	15:28
al Check	0.197	15:29
Ir Blank	0.000	15:29
al Check	0.196	15:30
Ir Blank	0.000	15:31
al Check	0.198	15:31
Ir Blank	0.000	15:32
al Check	0.198	15:33
Ir Blank	0.000	15:33
al Check	0.197	15:34
Ir Blank	0.000	15:35
al Check	0.198	15:35
Ir Blank	0.000	15:36
al Check	0.198	15:37
Ir Blank	0.000	15:37
al Check	0.197	15:38
Ir Blank	0.000	15:38
al Check Stats		
Average	0.1971	
Std Dev	0.0008	
Rel Std Dev(%)	0.4442	

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.

Christopher Payne
 Operator's Signature

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

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number **EN08101505** 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.