



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

Post Office Box 36307

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

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


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 \_\_\_\_\_, in compliance with the agency's Maintenance Policy and Procedures.

This packet consists of \_\_\_\_\_ pages.

Signed 

Name of Position: Director/Records Custodian

Date of Attestation:

# 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:** 08-31-2020

**SERIAL:** 80-003462

## **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 - BOARD OF TESTS FOR ALCOHOL AND DRUG INFLUENCE  
CMI INTOXILYZER BENCH CHECK PROCEDURE REPORT**

BENCH CHECK DATE 08/31/2020	TIME PROCEDURE BEGAN 08:33:3	INSTRUMENT LOCATION 80-003462
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-003462

**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	0.021	0.020	0.022
.04	0.040	0.039	0.041
.10	0.103	0.100	0.102
.20	0.203	0.199	0.201

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 8/31/2020
NAME PAPE, CHRISTOPHER	PERMIT # 0000023020



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

## **BENCH CHECK TECHNICIAN'S REPORT**

**Date:** 08/31/2020

**Start Time:** 08:30

**End Time:** 09:30

### **INSTRUMENT**

Intoxilyzer Model

Serial #

8000

80-003462

### **GAS CANISTER**

LOT #

EXP Date

20520080A1-024

09/05/2022

### **REFERENCE**

Simulator Model			
Guth 2100	Guth 2100	Guth 2100	Guth 2100
Serial #			
DR2834	DR3700	DR2455	DR3470
Concentration			
.02	.04	.10	.20
LOT #			
19050	20060	20190	20160
Manufactured Date			
02/04/2019	02/10/2020	04/06/2020	03/18/2020
Expiration Date			
02/04/2021	02/10/2022	04/06/2022	03/18/2022
Solution Commission Date			
8/27/2020	8/27/2020	8/27/2020	8/27/2020

### **REASON FOR BENCH CHECK**

- POST REPAIR     CYLINDER REPLACEMENT  
 TROUBLESHOOTING     ROUTINE MAINTENANCE

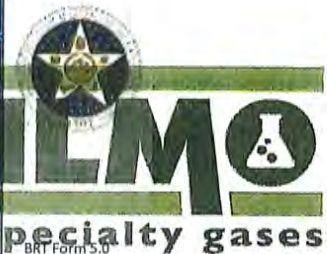
### **COMMENTS**


*Christopher Pape* 23020  
Technician Signature / Permit #

Christopher Pape #23020

Printed Name

Certificate of Analysis - Dry Gas	
8/21/2020	0.080
Date of Analysis	Labelled target value (g/210L)
024	0.081
Cylinder #	Average test result
Christopher Pope <i>Christopher Pope</i> 23020	
BOT Technician Name and Signature	



7/13  
 ALPHA INSTRUMENT  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-002591  
 08/21/2020 14:01

In accordance with BOT Policy and Procedure Statement BRT-230, 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	14:01
Cal Check	0.080	14:02
Air Blank	0.000	14:02
Cal Check	0.081	14:03
Air Blank	0.000	14:03
Cal Check	0.081	14:04
Air Blank	0.000	14:04
Cal Check	0.081	14:04
Air Blank	0.000	14:05
Cal Check	0.080	14:05
Air Blank	0.000	14:06
Cal Check	0.081	14:06
Air Blank	0.000	14:07
Cal Check	0.081	14:07
Air Blank	0.000	14:07
Cal Check	0.081	14:08
Air Blank	0.000	14:08
Cal Check	0.081	14:09
Air Blank	0.000	14:09
Cal Check	0.081	14:09
Air Blank	0.000	14:10
Cal Check Stats		
Average	0.0808	
Std Dev	0.0004	
Rel Std Dev(%)	0.5218	

## Certificate of Analysis

Certificate ID: 13202 ✓  
 Part #: BAC105L080T  
 Cylinder Size: 105L  
 Lot Number: 20520080A1 ✓  
 Expiration: 9/5/2022 ✓

*RCV'D  
 8/19/2020*

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 Street  
 Owensboro, KY 42303  
 Phone 866-835-0690  
[www.alcoholtest.com](http://www.alcoholtest.com)

*Christopher Pope*  
 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).

*Christopher Pope*  
 Specialty Gas Lab Tech  
  
*Travis Nelson*

08-10-2020  
 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

8/13

Section 1

ARREST DATE 08/31/2020		ARREST TIME 0900		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):

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

MOCK SUBJECT TEST, ROUTINE MAINTENANCE, INSTALL NEW CYLINDER

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 80-003462	SPECIALIST BOARD OF TESTS																																				
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 23020																																				
MANUFACTURER ILMO		LOT # 20520080A1	DATE CYLINDER INSTALLED 08/31/2020	DATE CYLINDER EXPIRES 09/05/2022																																			
OBSERVATION START 0905	TEST DATE 08/31/2020	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 style="text-align: center;"><i>Christopher Pape</i> 23020 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>09:22</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>09:22</td></tr> <tr><td>  Breath Volume</td><td>1.417 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>09:22</td></tr> <tr><td>Wait</td><td></td><td>09:24</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>09:25</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>09:25</td></tr> <tr><td>  Breath Volume</td><td>1.390 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>09:25</td></tr> <tr><td>Cal Check</td><td>0.08</td><td>09:26</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>09:26</td></tr> </tbody> </table>					Test	g/210L	Time	Air Blank	0.00	09:22	Subject Test	0.00	09:22	Breath Volume	1.417 LITERS		Air Blank	0.00	09:22	Wait		09:24	Air Blank	0.00	09:25	Subject Test	0.00	09:25	Breath Volume	1.390 LITERS		Air Blank	0.00	09:25	Cal Check	0.08	09:26	Air Blank	0.00
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NAME PAPE, CHRISTOPHER		BADGE # 0000000484		PERMIT # 0000023020																																			
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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.

Section 3

**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: 08/31/2020 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: 08/31/2020 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

**OTHER WITNESSES:**

Section 5

	NAME	TITLE	ADDRESS	PHONE
1				
2				

No Temporary License Issued:  
Test Below Legal Limit



# OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

9/13

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):


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

MOCK SUBJECT TEST, ROUTINE MAINTENANCE, INSTALL NEW CYLINDER

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 80-003462		SPECIALIST BOARD OF TESTS																																	
STANDARD Dry		TARGET VALUE 0.080		PERMIT NUMBER 23020																																	
MANUFACTURER ILMO		LOT # 20520080A1		DATE CYLINDER INSTALLED 08/31/2020																																	
OBSERVATION START 0905		TEST DATE 08/31/2020		MOUTHPIECE G																																	
RESULT TABLE		<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 style="text-align: center;"><i>Christopher Pape</i> 23020 SIGNATURE OF OPERATOR</p>																																			
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Date served: 08/31/2020 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: 08/31/2020 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

No Temporary License Issued:  
Test Below Legal Limit

Certificate of Analysis – Wet Bath



10/13

Date of Analysis	12-10-19	Labeled target value (g/210L)	.020
Lot Number	19050	Target Value (g/210L)	.020
BOT Technician Name and Signature JOSH SMITH			

**GUTH LABORATORIES, INC.**  
 690 NORTH 67th 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.

*Rec'd  
 Jk  
 12/2019*

**CERTIFICATE OF ANALYSIS**

ALPHA INSTRUMENT 2  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000  
 12/10/2019

SN 00-004923  
 14:52

**Certified Alcohol Reference Solution for Simulator**

Test	g/210L	Time
Air Blank	0.000	14:53
Cal Check	0.019	14:53
Air Blank	0.000	14:54
Cal Check	0.020	14:55
Air Blank	0.000	14:55
Cal Check	0.019	14:56
Air Blank	0.000	14:56
Cal Check	0.020	14:57
Air Blank	0.000	14:58
Cal Check	0.019	14:58
Air Blank	0.000	14:59
Cal Check	0.020	15:00
Air Blank	0.000	15:00
Cal Check	0.019	15:01
Air Blank	0.000	15:01
Cal Check	0.020	15:02
Air Blank	0.000	15:02
Cal Check	0.020	15:03
Air Blank	0.000	15:04
Cal Check	0.020	15:04
Air Blank	0.000	15:05
Cal Check Stats		
Average	0.0196	
Std Dev	0.0005	
Rel Std Dev(%)	2.6395	

Random Samples of Lot Number **19050** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **February 5, 2019**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0236% (w/vol) ethyl alcohol**. The expiration date for this lot number is **February 4, 2021** 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.


*Jk*  
 10837  
 Operator's Signature

*Ted L. Pauley*  
 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)
	
BOT Technician Name and Signature	



11/13

**GUTH LABORATORIES, INC.**  
 500 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**

Certified Alcohol Reference Solution for Simulator

RCV'D  
6/1/20  
CP

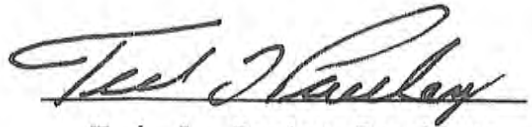
ALPHA UNIT SUB  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-003400  
 07/22/2020 14:57

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.

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	

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, President  
 GUTH LABORATORIES, INC.

  
 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



12/13

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

GUTH LABORATORIES, INC.

BRT Form 6.0 RISE JRG, PA 17111-4511 • TELEPHONE: 717-564-5470

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  
06/16/2020

SN 80-002591  
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]*  
Operator's Signature 16037

*[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	Actual Test Result (g/210L)
Christopher Pope	25030
BOT Technician Name and Signature	

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 500 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-584-5470

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

*Rec'd  
05/2020  
CP*

### Certified Alcohol Reference Solution for Simulator

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

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	

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.

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.

*[Signature]*  
 Operator's Signature

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

**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.