



**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 80-006150 , in compliance with the agency's Maintenance Policy and Procedures.

This packet consists of 12 pages.

Signed _____

A handwritten signature in black ink, appearing to be "J. Smith", written over a horizontal line.

Name of Position: Director/Records Custodian

Date of Attestation: 01/03/2022

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: 01/03/2022

SERIAL: 80-006150

DOCUMENTATION WITHIN SERVICE PACKET:

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



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Joshua Smith
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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.

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. 80-006150 on 01/03/2022 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.: 28021080A2-058
 - BOT analysis average test result: 0.081
 - Cylinder expiration date: 12/05/2023
- 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	21070	21190	20160
Manufactured Date			
02/13/2020	03/02/2021	06/09/2021	03/18/2020
Expiration Date			
02/13/2022	03/01/2023	06/08/2023	03/18/2022
Solution Commission Date			
12/13/2021	12/13/2021	12/28/2021	01/03/2022

Completed by BOT Personnel:

 christopher Pope
Signature/Name

Breath-Alcohol Testing Program Administrator
Title

Certified by:


Signature Joshua Smith
Name

State Director
Title

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

BENCH CHECK DATE 01/03/2022	TIME PROCEDURE BEGAN 10:01:3	INSTRUMENT LOCATION 80-006150
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-006150

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	0.017	0.021
.04	0.039	0.037	0.040
.10	0.100	0.097	0.100
.20	0.206	0.200	0.204

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 1/3/2022
NAME PAPE, CHRISTOPHER	PERMIT # 0000023020

Certificate of Analysis – Dry Gas	
12/16/2021	0.080
Date of Analysis	Labelled target value (g/210L)
058	0.081
Cylinder #	Average test result
Christopher Pope <i>[Signature]</i>	
BOT Technician Name and Signature	



BRT Form 5.0

In accordance with BOT Maintenance Policy and Procedure Statement, the above referenced dry gas cylinder is suitable for use as an external reference cylinder.

7 Eastgate Dr. • P.O. Box 790 • Jacksonville, IL 62651-0790

217-245-2183 Fax: 217-243-7634 • www.ilmoproducts.com

ALPHA INSTRUMENT 2
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004923
12/16/2021 15:50

Test	g/210L	Time
Air Blank	0.000	15:50
Cal Check	0.080	15:51
Air Blank	0.000	15:51
Cal Check	0.081	15:52
Air Blank	0.000	15:52
Cal Check	0.081	15:52
Air Blank	0.000	15:53
Cal Check	0.081	15:53
Air Blank	0.000	15:54
Cal Check	0.081	15:54
Air Blank	0.000	15:55
Cal Check	0.081	15:55
Air Blank	0.000	15:56
Cal Check	0.080	15:56
Air Blank	0.000	15:56
Cal Check	0.081	15:57
Air Blank	0.000	15:57
Cal Check	0.081	15:58
Air Blank	0.000	15:58
Cal Check	0.081	15:58
Air Blank	0.000	15:59
Cal Check Stats		
Average	0.0808	
Std Dev	0.0004	
Rel Std Dev(%)	0.5218	

Certificate of Analysis

RCV'D
12/9/21
CP

Certificate ID: 14351
Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 28021080A2
Expiration: 12/5/2023

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 S
Owensboro, KY
Phone 866-835-C
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

[Signature]

11-09-2021
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 01/03/2022		ARREST TIME 1040		COUNTY # 55	CITY #	CITATION #	
ARREST LOCATION BOT				CITY		COUNTY OKLAHOMA	
SUBJECT NAME BREATHTEST, DELTA				DATE OF BIRTH 01/01/1985	SEX M	HEIGHT 510	WEIGHT 200
ADDRESS 3600 MLK			CITY OKLAHOMA CITY		STATE OK	ZIP CODE 73111	
DRIVER LICENSE # B083463042			EXPIRATION DATE 10/31/2022	STATE OK	CLASS D	RESTRICTIONS	ENDORSEMENTS
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.):

POST REPAIR MAINTENANCE, INSTALLED 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 80-006150	SPECIALIST BOARD OF TESTS		
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 23020		
MANUFACTURER ILMO		LOT # 28021080A2	DATE CYLINDER INSTALLED 01/03/2022	DATE CYLINDER EXPIRES 12/05/2023	
OBSERVATION START 1045	TEST DATE 01/03/2022	A 15-minute (or greater) deprivation/observation period was observed prior to and continuing to the time of test administration.			
RESULT TABLE		<p>I administered said Breath-Alcohol Test in compliance with the applicable operating procedure of the Board of Tests.</p>  SIGNATURE OF OPERATOR		 Test Result BrAC g/210L 0.00	
Test	g/210L				Time
Air Blank	0.00				11:24
Subject Test	0.00				11:25
Breath Volume	2.089 LITERS				
Air Blank	0.00				11:25
Wait					11:27
Air Blank	0.00				11:27
Subject Test	0.00				11:28
Breath Volume	2.152 LITERS				
Air Blank	0.00	11:28			
Cal Check	0.07	11:28			
Air Blank	0.00	11:29			
NAME PAPE, CHRISTOPHER		AGENCY BOARD OF TESTS			
BADGE # 0000000484		PERMIT # 0000023020			
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. 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.

Section 3

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: _____ 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: _____ 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

1	NAME	TITLE	ADDRESS	PHONE
2	NAME	TITLE	ADDRESS	PHONE

OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

8/12

Section 1

ARREST DATE 01/03/2022		ARREST TIME 1040		COUNTY # 55	CITY #	CITATION #	
ARREST LOCATION BOT				CITY	COUNTY OKLAHOMA		
SUBJECT NAME BREATHTEST, DELTA				DATE OF BIRTH 01/01/1985	SEX M	HEIGHT 510	WEIGHT 200
ADDRESS 3600 MLK		CITY OKLAHOMA CITY			STATE OK	ZIP CODE 73111	
DRIVER LICENSE # B083463042		EXPIRATION DATE 10/31/2022	STATE OK	CLASS D	RESTRICTIONS	ENDORSEMENTS	
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.):

POST REPAIR MAINTENANCE, INSTALLED 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 80-006150	SPECIALIST BOARD OF TESTS																																					
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 23020																																					
MANUFACTURER ILMO		LOT # 28021080A2	DATE CYLINDER INSTALLED 01/03/2022	DATE CYLINDER EXPIRES 12/05/2023																																				
OBSERVATION START 1045	TEST DATE 01/03/2022	A 15-minute (or greater) deprivation/observation period was observed prior to and continuing to the time of test administration.																																						
<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>11:24</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>11:25</td></tr> <tr><td> Breath Volume</td><td>2.089 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>11:25</td></tr> <tr><td>Wait</td><td></td><td>11:27</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>11:27</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>11:28</td></tr> <tr><td> Breath Volume</td><td>2.152 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>11:28</td></tr> <tr><td>Cal Check</td><td>0.07</td><td>11:28</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>11:29</td></tr> </tbody> </table>		Test	g/210L	Time	Air Blank	0.00	11:24	Subject Test	0.00	11:25	Breath Volume	2.089 LITERS		Air Blank	0.00	11:25	Wait		11:27	Air Blank	0.00	11:27	Subject Test	0.00	11:28	Breath Volume	2.152 LITERS		Air Blank	0.00	11:28	Cal Check	0.07	11:28	Air Blank	0.00	11:29	I administered said Breath-Alcohol Test in compliance with the applicable operating procedure of the Board of Tests.  SIGNATURE OF OPERATOR		
		Test	g/210L	Time																																				
		Air Blank	0.00	11:24																																				
		Subject Test	0.00	11:25																																				
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NAME PAPE, CHRISTOPHER			 Test Result BrAC g/210L 0.00																																					
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Section 4

Date: _____ 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



9/12

8/11/2020	0.020
Date of Analysis	Labelled target value (g/210L)
20070	0.020
Lot Number	Target result (g/210L)
Christopher Pope	590 NORTH 67th STREET
BOT Technician Name and Signature	HARRISBURG, PA 17111-4511

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

RCV'D
6/1/2020
CP

ALPHA INSTRUMENT 2
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004923
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

10/12



12/13/2021	0.040
Date of Analysis	Labelled Target value (g/210L)
21070	0.042
Lot Number	Alcohol test result (g/210L)
Christopher Pauley	<i>[Signature]</i>
BOT Technician Name and Signature	

GUTH LABORATORIES, INC.

500 NORTH 6TH STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

BRT Form 6.0

*RCV'D
8/26/21
CP*

In accordance with BOT Maintenance Policy and Procedure Statement, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

CERTIFICATE OF ANALYSIS

INTOXILYZER 8000
Instrument Initialization
8133.12
09:27 12/01/2021

Certified Alcohol Reference Solution for Simulator

ALPHA INSTRUMENT 2
Intoxilyzer - Alcohol Analyzer
Model 8000
12/13/2021

SN 80-004923
12:09

Random Samples of Lot Number 21070 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on March 2, 2021, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.0488% (w/vol) ethyl alcohol. The expiration date for this lot number is March 1, 2023 at 11:59 PM.

Test	g/210L	Time
Air Blank	0.000	12:09
Cal Check	0.042	12:10
Air Blank	0.000	12:10
Cal Check	0.042	12:11
Air Blank	0.000	12:12
Cal Check	0.042	12:12
Air Blank	0.000	12:13
Cal Check	0.042	12:14
Air Blank	0.000	12:14
Cal Check	0.042	12:15
Air Blank	0.000	12:15
Cal Check	0.042	12:16
Air Blank	0.000	12:17
Cal Check	0.042	12:17
Air Blank	0.000	12:18
Cal Check	0.042	12:18
Air Blank	0.000	12:19
Cal Check	0.042	12:20
Air Blank	0.000	12:20
Cal Check	0.042	12:21
Air Blank	0.000	12:21
Cal Check Stats		
Average	0.0420	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

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.

[Signature]
Operator Signature

NIST Traceability:
Testing was conducted using Cerilliant Reference Standard lot number FN08211802 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

12/13/2021	0.100
Date of Analysis	Labeled (g) / Net value (g/210L)
21190	0.103
Lot Number	Average (g/210L) / (g/210L)
Christopher [Signature]	590 NORTH 57th STREET
BOT Technician Name and Signature	HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

GUTH LABORATORIES, INC.

BRT Form 6.0

RCV'D
8/26/21
CP

In accordance with BOT Maintenance Policy and Procedure Statement, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

CERTIFICATE OF ANALYSIS

ALPHA INSTRUMENT 2
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004923
12/13/2021 12:45

Certified Alcohol Reference Solution for Simulator

Test	g/210L	Time
Air Blank	0.000	12:46
Cal Check	0.107	12:46
Air Blank	0.000	12:47
Cal Check	0.103	12:48
Air Blank	0.000	12:48
Cal Check	0.102	12:49
Air Blank	0.000	12:49
Cal Check	0.102	12:50
Air Blank	0.000	12:51
Cal Check	0.102	12:51
Air Blank	0.000	12:52
Cal Check	0.102	12:53
Air Blank	0.000	12:53
Cal Check	0.102	12:54
Air Blank	0.000	12:54
Cal Check	0.102	12:55
Air Blank	0.000	12:56
Cal Check	0.102	12:56
Air Blank	0.000	12:57
Cal Check	0.101	12:58
Air Blank	0.000	12:58
Cal Check Stats		
Average	0.1025	
Std Dev	0.0016	
Rel Std Dev(%)	1.6096	

Random Samples of Lot Number 21190 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on June 9, 2021, 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 June 8, 2023 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

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

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN03052002 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



12/12

07/07/2020	0.200
Date of Analysis	Labelled test value (g/210L)
20160	0.197
Lot Number	AVI test result (g/210L)
Christopher Ppae	550 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470
BOT Technician Name and Signature	0.2030

CERTIFICATE OF ANALYSIS

REC'D
05/2020
CP

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.

Certified Alcohol Reference Solution for Simulator

LPHM UNIT SUB
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 00-003400
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 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.