



**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 80-003359, in compliance with the agency's Maintenance Policy and Procedures.

Signed 

Name of Position: Director/Records Custodian

Date of Attestation: 04/30/2024

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



2/17

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

BENCH CHECK DATE: 4/30/2024

SERIAL: 80-003359

DOCUMENTATION WITHIN SERVICE PACKET:

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



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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. 80-003359 on 4/30/2024 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.: 08223080A2-022
 - BOT analysis average test result: 0.082
 - Cylinder expiration date: 5/5/2025
- 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 #			
DR2834	DR3694	DR2455	DR3470
Concentration			
.02	.04	.10	.20
LOT #			
23360	22460	23450	23340
Manufactured Date			
9/25/2023	12/28/2022	12/5/2023	9/18/2023
Expiration Date			
9/25/2025	12/28/2024	12/5/2025	9/18/2025
Solution Commission Date			
4/16/2024	4/16/2024	4/30/2024	4/30/2024

Completed by BOT Personnel:



Signature/Name Christopher Pape

Breath-Alcohol Testing Program Administrator
Title

Certified by:


Signature Name Joshua Smith

State Director
Title

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

BENCH CHECK DATE 04/30/2024	TIME PROCEDURE BEGAN 13:00:2	INSTRUMENT LOCATION 80-003359
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-003359

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	0.014	0.014	0.015
.04	0.034	0.033	0.035
.10	0.095	0.094	0.097
.20	0.192	0.190	0.195

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 4/30/2024
NAME PAPE, CHRISTOPHER	PERMIT # 0000023020



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BOARD OF TESTS FOR ALCOHOL AND DRUG INFLUENCE**

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Chairman

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www.bot.ok.gov

Joshua Smith
Director

Certificate of Analysis – Dry Gas

ALPHA INSTRUMENT


Intoxilyzer - Alcohol Analyzer

Model 8000 SN 80-002591

06/05/2023 11:17

Test	g/210L	Time
Air Blank	0.000	11:17
Cal Check	0.082	11:17
Air Blank	0.000	11:18
Cal Check	0.082	11:18
Air Blank	0.000	11:19
Cal Check	0.081	11:19
Air Blank	0.000	11:20
Cal Check	0.082	11:20
Air Blank	0.000	11:20
Cal Check	0.081	11:21
Air Blank	0.000	11:21
Cal Check	0.082	11:22
Air Blank	0.000	11:22
Cal Check	0.082	11:22
Air Blank	0.000	11:23
Cal Check	0.082	11:23
Air Blank	0.000	11:24
Cal Check	0.082	11:24
Air Blank	0.000	11:25
Cal Check	0.082	11:25
Air Blank	0.000	11:26
Cal Check Stats		
Average	0.0818	
Std. Dev	0.0004	
Rel Std Dev(%)	0.5154	

Known Breath-Alcohol Equivalent (g/210L) Ratio of Nitrogen and Ethanol Gas (208 ppm/105 L)
0.08 g/210L = 208 PPM + 2605*

Manufacturer: ILMO	Manufacturer Cert. No.: 15622	Cylinder Size: 105L
Lot No.: 08223080A2	Cylinder No.: 022	Expiration Date: 05/05/2025
<p>The above 105 L cylinder has been analyzed via Infrared Spectroscopy utilizing the Intoxilyzer 8000 and was performed in accordance with the procedures prescribed by the State Director of Tests pursuant to 40 OAC 30-1-3. The above NIST traceable reference standard meets the requirements for use as a calibrating unit in accordance with 47 O.S. 759, 40 OAC 25-1-3, and appears on the current conforming products list of calibrating units for breath alcohol testers published by the U.S. Department of Transportation in the Federal Register [77 FR 64588 et seq]. * See Dubowski, K.M. and Essary N., <i>Journal of Anal. Toxicol.</i> (1996) 20(6): pp. 484-491. (g/210L = PPM +2605).</p>		
Signature 	Date: 06/05/2023	
Name Christopher Pape	Permit No.: 23020	



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

Certificate of Analysis

Certificate ID: 15622
Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 08223080A2
Expiration: 5/5/2025

RCVD
 5/31/23
 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 Street
 Owensboro, KY 42303
 Phone 866-835-0690
www.alcoholtest.com

*Traceable to:
 Certified Reference Material - 261.0 µmol/mol
 Ethanol in Nitrogen - Serial No. ND7017 Lot No. 080722E2

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


 Specialist Gas Lab Tech


04-26-2023
 Issuance Date



The calibration results within this certificate were obtained at the facility listed above 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. This certificate applies only to the items described and shall not be reproduced other than in full, without written approval from the issuing facility.

ISO/IEC 17025:2017 Accredited Laboratory

OFFICER'S IMPAIRED DRIVING AFFIDAVIT

7/17

Section 1

ARREST DATE 04/30/2024		ARREST TIME 1330		COUNTY # 55	CITY #	CITATION #	
ARREST LOCATION BOT				CITY	COUNTY OKLAHOMA		
SUBJECT NAME BREATHTEST, FRANK				DATE OF BIRTH 03/15/1981	SEX M	HEIGHT 509	WEIGHT 175
ADDRESS 3600 MARTIN LUTHER KING			CITY OKLAHOMA CITY	STATE OK	ZIP CODE 73111		
DRIVER LICENSE # H083463197			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

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 80-003359	SPECIALIST BOARD OF TESTS	
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 23020	
MANUFACTURER ILMO		LOT # 08223080A2	DATE CYLINDER INSTALLED 04/30/2024	DATE CYLINDER EXPIRES 05/05/2025
OBSERVATION START 1340	TEST DATE 04/30/2024	<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> SIGNATURE OF OPERATOR</p>		
RESULT TABLE				
Test	g/210L	Time	 <div style="border: 1px solid black; padding: 5px; margin-top: 10px; text-align: center;"> Test Result BrAC g/210L 0.00 </div>	
Air Blank	0.00	14:02		
Subject Test	0.00	14:02		
Breath Volume	1.652 LITERS			
Air Blank	0.00	14:03		
Wait		14:04		
Air Blank	0.00	14:05		
Subject Test	0.00	14:06		
Breath Volume	1.871 LITERS			
Air Blank	0.00	14:06		
Cal Check	0.07	14:06		
Air Blank	0.00	14:07		
NAME PAPE, CHRISTOPHER		BADGE # 000000484		PERMIT # 0000023020
AGENCY BOARD OF TESTS				

What happens next?

Section 3

1. The Arresting Officer is required to submit the Officer's Impaired Driving Affidavit to the State of Oklahoma.
2. Upon receipt and review of the Officer's Impaired Driving Affidavit and any associated test results, if applicable, the State of Oklahoma may revoke your Oklahoma driving privileges. If you hold a commercial driver license or were driving a commercial motor vehicle, the State of Oklahoma may disqualify your privilege to operate a commercial motor vehicle. You will continue to have driving privileges, if otherwise eligible, unless or until an Order of Revocation and/or Disqualification is issued by the State of Oklahoma.
3. The State of Oklahoma will send you the Order of Revocation and/or Disqualification to the address you have on file with Service Oklahoma. To confirm or change your address on file, contact Service Oklahoma.
4. The Revocation and/or Disqualification will be effective 55 days from the date of the Order, including 10 days allowed for mailing, 47 O.S. §§2-116, 753, 754.
5. The Order of Revocation and/or Disqualification will contain important information about your rights to appeal the revocation and/or disqualification of your driving privileges. To appeal the applicable Order of Revocation and/or Disqualification your petition must be filed with the District Court of the County in which you were arrested within 40 days of the date of the order, including 10 days allowed for mailing, 47 O.S. §§2-116, 6-211.

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 000000484	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 IMPAIRED DRIVING AFFIDAVIT

8/17

Section 1

ARREST DATE 04/30/2024		ARREST TIME 1330		COUNTY # 55	CITY #	CITATION #	
ARREST LOCATION BOT				CITY		COUNTY OKLAHOMA	
SUBJECT NAME BREATHTEST, FRANK			DATE OF BIRTH 03/15/1981	SEX M	HEIGHT 509	WEIGHT 175	
ADDRESS 3600 MARTIN LUTHER KING			CITY OKLAHOMA CITY		STATE OK	ZIP CODE 73111	
DRIVER LICENSE # H083463197			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

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 80-003359	SPECIALIST BOARD OF TESTS	
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 23020	
MANUFACTURER ILMO		LOT # 08223080A2	DATE CYLINDER INSTALLED 04/30/2024	DATE CYLINDER EXPIRES 05/05/2025
OBSERVATION START 1340	TEST DATE 04/30/2024	<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> SIGNATURE OF OPERATOR</p>		
RESULT TABLE				
Test	g/210L	Time	 <div style="border: 1px solid black; padding: 5px; margin-top: 10px; text-align: center;"> Test Result BrAC g/210L 0.00 </div>	
Air Blank	0.00	14:02		
Subject Test	0.00	14:02		
Breath Volume	1.652 LITERS			
Air Blank	0.00	14:03		
Wait		14:04		
Air Blank	0.00	14:05		
Subject Test	0.00	14:06		
Breath Volume	1.871 LITERS			
Air Blank	0.00	14:06		
Cal Check	0.07	14:06		
Air Blank	0.00	14:07		
NAME PAPE, CHRISTOPHER		BADGE # 0000000484	PERMIT # 0000023020	
AGENCY BOARD OF TESTS				

What happens next?

Section 3

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3. The State of Oklahoma will send you the Order of Revocation and/or Disqualification to the address you have on file with Service Oklahoma. To confirm or change your address on file, contact Service Oklahoma.
4. The Revocation and/or Disqualification will be effective 55 days from the date of the Order, including 10 days allowed for mailing. 47 O.S. §§2-116, 753, 754.
5. The Order of Revocation and/or Disqualification will contain important information about your rights to appeal the revocation and/or disqualification of your driving privileges. To appeal the applicable Order of Revocation and/or Disqualification your petition must be filed with the District Court of the County in which you were arrested within 40 days of the date of the order, including 10 days allowed for mailing. 47 O.S. §§2-116, 6-211.

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



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Joshua Smith
Director

Certificate of Analysis – Reference Solution

ALPHA INSTRUMENT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002591
04/16/2024 11:24

Test	g/210L	Time
Air Blank	0.000	11:24
Cal Check	0.018	11:25
Air Blank	0.000	11:25
Cal Check	0.019	11:26
Air Blank	0.000	11:27
Cal Check	0.019	11:27
Air Blank	0.000	11:28
Cal Check	0.019	11:29
Air Blank	0.000	11:29
Cal Check	0.019	11:30
Air Blank	0.000	11:30
Cal Check	0.019	11:31
Air Blank	0.000	11:32
Cal Check	0.019	11:32
Air Blank	0.000	11:33
Cal Check	0.019	11:34
Air Blank	0.000	11:34
Cal Check	0.019	11:35
Air Blank	0.000	11:35
Cal Check	0.018	11:36
Air Blank	0.000	11:37
Cal. Check Stats		
Average	0.0188	
Std Dev	0.0004	
Rel Std Dev (%)	2.2426	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.		
Manufacturer: Guth	Manufactured Date: 9/25/2023	Concentration: 0.02
Lot No.: 23360	Expiration Date: 9/25/2025	Equipment Model: Guth 2100
The above solution has been analyzed via Infrared Spectroscopy utilizing the Intoxilyzer 8000 and was performed in accordance with the procedures prescribed by the State Director of Tests pursuant to 40 OAC 30-1-3. The above NIST traceable reference solution meets the requirements for use pursuant to 40 OAC 25-1-2.1. Approved breath-alcohol measurement equipment and reference solutions. Equipment used appears on the current or supplemented Conforming Products List of Calibrating Units for Breath Alcohol Testers (72 FR 34747), published by the National Highway Traffic Safety Administration.		
Signature 	Date: 4/16/2024	
Name Christopher Pape	Permit No.: 23020	

**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSISRCVD
12/19/23
CP

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **23360** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 26, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0240%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 25, 2025** 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.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN03122113 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.



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Joshua Smith
Director

Certificate of Analysis – Reference Solution

ALPHA INSTRUMENT

Intoxilyzer - Alcohol Analyzer


Model 8000

SN 80-002591

09/06/2023

11:15

Test	g/210L	Time
Air Blank	0.000	11:16
Cal Check	0.040	11:16
Air Blank	0.000	11:17
Cal Check	0.040	11:18
Air Blank	0.000	11:18
Cal Check	0.040	11:19
Air Blank	0.000	11:19
Cal Check	0.040	11:20
Air Blank	0.000	11:21
Cal Check	0.040	11:21
Air Blank	0.000	11:22
Cal Check	0.040	11:23
Air Blank	0.000	11:23
Cal Check	0.040	11:24
Air Blank	0.000	11:24
Cal Check	0.040	11:25
Air Blank	0.000	11:26
Cal Check	0.040	11:26
Air Blank	0.000	11:27
Cal Check	0.040	11:28
Air Blank	0.000	11:28
Cal Check Stats		
Average	0.0400	
Std Dev	0.0000	
Rel Std Dev (%)	0.0000	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.		
Manufacturer: Guth	Manufactured Date: 12/28/2022	Concentration: 0.040
Lot No.: 22460	Expiration Date: 12/28/2024	Equipment Model: Guth 2100
The above solution has been analyzed via Infrared Spectroscopy utilizing the Intoxilyzer 8000 and was performed in accordance with the procedures prescribed by the State Director of Tests pursuant to 40 OAC 30-1-3. The above NIST traceable reference solution meets the requirements for use pursuant to 40 OAC 25-1-2.1. Approved breath-alcohol measurement equipment and reference solutions. Equipment used appears on the current or supplemented Conforming Products List of Calibrating Units for Breath Alcohol Testers (72 FR 34747), published by the National Highway Traffic Safety Administration.		
Signature 	Date: 9/6/2023	
Name Christopher Pape	Permit No.: 23020	

**GUTH LABORATORIES, INC.**

690 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSISCP
RCVD
8/31/23

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **22460** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 29, 2022**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0486%** (w/vol) ethyl alcohol. The expiration date for this lot number is **December 28, 2024** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$; this solution will give a breath alcohol analysis instrument reading of **0.040 g/210L** $\pm 3\%$.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN06032102 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.



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Chairman


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Phone: (405) 425-2460 Fax: (405) 425-2490
www.bot.ok.gov

Joshua Smith
Director

Certificate of Analysis – Reference Solution

ALPHA INSTRUMENT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002591
01/23/2024 09:07

Test	g/210L	Time
Air Blank	0.000	09:08
Cal Check	0.099	09:08
Air Blank	0.000	09:09
Cal Check	0.099	09:10
Air Blank	0.000	09:10
Cal Check	0.100	09:11
Air Blank	0.000	09:11
Cal Check	0.100	09:12
Air Blank	0.000	09:13
Cal Check	0.100	09:13
Air Blank	0.000	09:14
Cal Check	0.100	09:15
Air Blank	0.000	09:15
Cal Check	0.100	09:16
Air Blank	0.000	09:17
Cal Check	0.100	09:17
Air Blank	0.000	09:18
Cal Check	0.100	09:18
Air Blank	0.000	09:19
Cal Check	0.100	09:20
Air Blank	0.000	09:20
Cal Check Stats		
Average	0.0998	
Std Dev	0.0004	
Rel Std Dev(%)	0.4224	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.		
Manufacturer: Guth	Manufactured Date: 12/5/2023	Concentration: 0.100
Lot No.: 23450	Expiration Date: 12/5/2025	Equipment Model: Guth 2100
The above solution has been analyzed via Infrared Spectroscopy utilizing the Intoxilyzer 8000 and was performed in accordance with the procedures prescribed by the State Director of Tests pursuant to 40 OAC 30-1-3. The above NIST traceable reference solution meets the requirements for use pursuant to 40 OAC 25-1-2.1. Approved breath-alcohol measurement equipment and reference solutions. Equipment used appears on the current or supplemented Conforming Products List of Calibrating Units for Breath Alcohol Testers (72 FR 34747), published by the National Highway Traffic Safety Administration.		
Signature 	Date: 01/23/2024	
Name: Christopher Pape	Permit No.: 23020	

**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSISRCVP
12/19/23
CP

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **23450** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 7, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1211%** (w/vol) ethyl alcohol. The expiration date for this lot number is **December 5, 2025** 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.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN03072301 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.



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

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

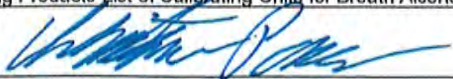
Post Office Box 36307
Oklahoma City, Oklahoma 73136-2307
Phone: (405) 425-2460 Fax: (405) 425-2490
www.bot.ok.gov

Joshua Smith
Director

Certificate of Analysis – Reference Solution

ALPHA INSTRUMENT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002591
10/04/2023 09:22

Test	g/210L	Time
Air Blank	0.000	09:22
Cal Check	0.198	09:23
Air Blank	0.000	09:24
Cal Check	0.198	09:24
Air Blank	0.000	09:25
Cal Check	0.199	09:26
Air Blank	0.000	09:26
Cal Check	0.198	09:27
Air Blank	0.000	09:27
Cal Check	0.198	09:28
Air Blank	0.000	09:29
Cal Check	0.198	09:29
Air Blank	0.000	09:30
Cal Check	0.198	09:31
Air Blank	0.000	09:31
Cal Check	0.198	09:32
Air Blank	0.000	09:33
Cal Check	0.199	09:33
Air Blank	0.000	09:34
Cal Check	0.199	09:35
Air Blank	0.000	09:35
Cal Check Stats		
Average	0.1983	
Std Dev	0.0004	
Rel Std Dev(%)	0.2435	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.		
Manufacturer: Guth	Manufactured Date: 9/18/2023	Concentration: 0.200
Lot No.: 23340	Expiration Date: 9/18/2025	Equipment Model: Guth 2100
The above solution has been analyzed via Infrared Spectroscopy utilizing the Intoxilyzer 8000 and was performed in accordance with the procedures prescribed by the State Director of Tests pursuant to 40 OAC 30-1-3. The above NIST traceable reference solution meets the requirements for use pursuant to 40 OAC 25-1-2.1. Approved breath-alcohol measurement equipment and reference solutions. Equipment used appears on the current or supplemented Conforming Products List of Calibrating Units for Breath Alcohol Testers (72 FR 34747), published by the National Highway Traffic Safety Administration.		
Signature 	Date: 10/4/2023	
Name: Christopher Pape	Permit No.: 23020	

**GUTH LABORATORIES, INC.**

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

CERTIFICATE OF ANALYSISRCVD
10/2/2023
CP

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **23340** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 19, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.2399%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 18, 2025** 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.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN09142002 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.

Location Returned From Coal Co	Unit Serial # 80-003359	Date: 17/17 4/2/24
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Inventory Process

Unit checked in to BOT Unlink Gas Canister from Unit Old Cylinder #: 08223080A2-022
 New Unit Checked out Remove old cylinder from unit (After Lab Evaluation) Old cylinder disposed in inventory Old cylinder archived

<p>Check in Procedure</p> <p><input checked="" type="checkbox"/> Connect unit to ethernet connection 172.019.004, 132</p> <p><input checked="" type="checkbox"/> Download any stored records <u>9</u></p> <p><input checked="" type="checkbox"/> Change unit location to Serial number</p> <p><input checked="" type="checkbox"/> Update Unit Date and time</p> <p>Previous time: <u>4/26/24 1145</u></p> <p>New Time: <u>4/26/24 1147</u></p> <p><input checked="" type="checkbox"/> Execute a new Forms load on the unit</p>	<p>Notes from the Field</p> <p><input type="checkbox"/> Routine Swap <input checked="" type="checkbox"/> Issues in the Field</p> <p>Unit was reported to be disabled due to low tank pressure. Tank reading shows ~975psi in the tank. Unit also showed a failed voltage test on the diagnostics. Unit was reportedly rebooted. Swapped unit to evaluate in the lab.</p>
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Lab Evaluation

Breath Hose Hold Vacuum?: Test Chamber Hold Vacuum?:

DVM

3µm 12127 Chamber Temp 47.00 Snap Test ok?
 9µm 13859 Breath Hose Temp 45 RFI Detected?

Peripheral Tests

Speaker (F5) Power LED Green (F6) Red (F7) Fan (F9)
 Gas Regulator (F11) Pump (F10) Receipt paper unstable readings

Atmospheric Sensor

Pressure 962 Correction Factor 1.05 Flow Sensor Resistance 200 Tank Sensor Value 8 Is regulator close to Tank Sensor Value? Yes / No

Sent to CMI (If needed)	Reason Sent
Date Sent _____	
Invoice Sent _____	
Date Returned _____	

<p>Repairs needed:</p> <p>replace gas regulator</p>	<p>Repairs Made:</p> <p>replaced + calibrated gas regulator</p> <p>no issues with voltage, passed several diagnostic test w/o issue</p> <p>Ready for Bench Check? <input checked="" type="checkbox"/></p>
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<p>Inventory Process</p> <p><input type="checkbox"/> Linked Cylinder to Unit</p> <p><input type="checkbox"/> Changed Unit Status</p> <p><input type="checkbox"/> Bench Check Report Completed</p>	<p><input type="checkbox"/> Bench Check Technician Report</p> <p><input type="checkbox"/> Mock Subject Test Completed</p> <p><input type="checkbox"/> Certificate of Calibration and Operation</p> <p><input type="checkbox"/> Service Overview Completed</p>	<p>To complete if unit sent to CMI</p> <p><input type="checkbox"/> CMI Workorder</p> <p><input type="checkbox"/> CMI Certificate of Calibration _____</p> <p><input type="checkbox"/> CMI Service Evaluation Form</p>
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