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 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 80-004816, in compliance with the agency's Maintenance Policy and Procedures.

Signed _____

Joshua Smith

Name of Position: Director/Records Custodian

JORDAN FAITH THOMPSON
NOTARY PUBLIC
STATE OF OKLAHOMA
COMMISSION NO. 25010889
EXPIRES 09-16-2029

State of Oklahoma
County of Oklahoma
Signed or attested before me on 10/06/2025 by Joshua Smith.

Jordan Faith Thompson
(Signature of notarial officer)

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 #1
Oklahoma City, OK 73111
405-425-2460

BENCH CHECK DATE: **10/1/2025**

SERIAL: **80-004816**

DOCUMENTATION WITHIN SERVICE PACKET:

- BOT Certificate of Maintenance, Calibration and Operation
- Bench Check
- CMI Certificate of Calibration
- CMI Evaluation Form
- CMI Work Order
- BOT Dry Gas Certificate of Analysis
- Ilmo Specialty Gases Certificate of Analysis
- Mock Subject Test
- BOT Certificate of Analysis - Reference Solution (4)
- Guth Laboratories Certificate of Analysis (4)

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

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.

1. Maintenance was performed on the Intoxilyzer 8000, Serial No. 80-004816 on 10/1/2025 in accordance with 40 O.A.C. 30-1-3 and internal BOT maintenance policy and procedures.
2. 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.: 23725080A1-015
   - BOT analysis average test result: 0.080
   - Cylinder expiration date: 10/5/2027
3. In accordance with 40 O.A.C. 25-1-2.1, the approved reference standards and equipment were used:

Simulator Model			
Guth 12V500	Guth 12V500	Guth 12V500	Guth 12V500
Serial #			
MP9201	MP9202	MP9203	MP9204
Concentration			
.02	.04	.10	.20
LOT #			
25010	25090	25100	25020
Manufactured Date			
1/7/2025	3/11/2025	3/18/2025	1/14/2025
Expiration Date			
1/7/2027	3/11/2027	3/18/2027	1/14/2027
Solution Commission Date			
10/1/2025	10/1/2025	10/1/2025	10/1/2025

Completed by BOT Personnel:

Christopher Pape — Breath-Alcohol Testing Program Administrator
Signature/Name — Title

Certified by:

Joshua Smith — State Director
Signature — Name — Title

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

BENCH CHECK DATE	TIME PROCEDURE BEGAN	INSTRUMENT LOCATION
10/01/2025	09:57:1	80-004816

INSTRUMENT TYPE	INSTRUMENT MODEL	INSTRUMENT SERIAL NUMBER
Intoxilyzer	I-8000	80-004816

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	0.017	0.016	0.019
.04	0.038	0.036	0.039
.10	0.095	0.094	0.098
.20	0.194	0.191	0.197

PASS

CERTIFYING TECHNICIAN

I swear under penalty of perjury that in regards to the above listed instrument, I have complied with the Intoxliyzer Bench Checking Procedure approved by the State of Oklahoma.

SIGNATURE	DATE
	10/1/2025
NAME	PERMIT #
PAPE, CHRISTOPHER	0000023020

Certificate of Calibration

This is to certify the calibration of **Intoxilyzer** ® *serial number* 80-004816, *manufactured by CMI Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, was tested and found to conform to the National Highway Traffic Safety Administration (NHTSA) Standard for Devices to Measure Breath Alcohol (Federal Register, Vol.58 No.179, pp 48705-48710, Sept. 17, 1993) for accuracy and precision. Reference materials are traceable through the National Institute of Standards and Technology (NIST) to the International System of Units (SI).*

Date Sep. 15, 2025 Signed Christopher Rundall

Technician

CMI INC.

316 East 9th Street
Owensboro, KY 42303
USA

Part No. 650517 Rev.A

CMI INC.

Service Evaluation Form

This form MUST be completed and enclosed with item to be serviced.
****** Hazardous Material Warning! – DO NOT return gas cylinder with instrument! ******

Note: Please ship items in their original shipping container.

Contact information:

Name Chris Pape **Phone:** (405) 425-2460

Email: christopher.pape@bot.ok.gov **Customer #** 731362 **(contact Customer Service)**

Your Billing Address

Agency Name: Board of Tests
Address: 3600 N ML King, Bldg 9
City: Oklahoma City **State:** OK **Zip:** 73111
Credit Card/PO #:
Name on Card:
Expiration Date: **CVV**

Your Shipping Address

Agency Name: Board of Tests
Address: 3600 N ML King, Bldg 9
City: Oklahoma City **State:** OK **Zip:** 73111
Contact Person: Chris Pape
Contact Phone: (405) 425-2460
Email: christopher.pape@bot.ok.gov

Instrument Serial Number: 80-004816

Detailed Description of Problem:

Unit has an unstable source.
DVMs are out of spec and has had a history of multiple purge fails in the field.

Note: For instruments not under warranty, an evaluation fee of $83.00 (infrared and I-200) or $43.50 (fuel cell), plus return shipping cost, will apply to all service items.

☑ **I authorize all repairs up to $500 to be performed.**

After repair, add "Certificate of Calibration" for: ☐ **S-D2, S-D5, and I-800 ($19)**

☐ **I-200, I-240, I-300, I-400, and I-600 ($39)**

Authorized By:

Chris Pape — Breath Testing Admin
Name (Please Print) — Title

4/7/2025
Signature — Date

Ship item to:

CMI, Inc.
Attn: Service Dept.
316 East Ninth Street
Owensboro, KY 42303

CMI INC.
316 E 9th Street / Owensboro KY 42303 / USA
Phone: 866-835-0690 Fax: 270-685-6268

DATE: 4/11/2025

SERVICE WORK ORDER

409568

Bill To:
OK BOT
PO Box 36307
Oklahoma City, OK 73136-2307
USA
Customer #: 731362
Phone: 405-425-2424
Fax: 405-425-2490 fax

Ship To:
Oklahoma Board Of Tests
3600 Martin Luther King
Bldg #1
Oklahoma City OK 73136-3000
USA
Phone: 405-425-2424

MODEL #: *002480OK* **Serial Number:** *80-004816* **BILL CODE:** *Out of Warranty*

EXTRA PARTS RCVD:

BH, KB, BATTERY, GAS SHELF

DESCRIPTION OF PROBLEM

UNIT HAS AN UNSTABLE SOURCE. DVMS ARE OUT OF SPEC AND HAS HAD A HISTORY OF MULTIPLE PURGE FAILS IN THE FIELD.

WORK PERFORMED:

Replaced parts listed; calibrated/final tested; software 8133.16

PARTS USED

Seq. No.	Part	Description	Quantity
100	650517	CERTIFICATE OF CALIBRATION	2.00 EA
110	441169	COVER DUST,5/8in x 1/2in	1.00 EA
120	470145	CAP,PLASTIC,.25IDx.50LG,RED	3.00 EA
130	470154	CAP,PLSTC,.406IDx.438-.562,RED	1.00 EA
140	470218	SEAL,TAMPER EVIDENT,SERVICE	1.00 EA
150	R020982FL	SOURCE ASSY, REQUAL	1.00 EA
160	220286	IC,SMD,EEPROM,24C04,SOIC-8	1.00 EA
170	R021099FL	MODULE ASSY,AC POWER,I8000, RE	1.00 EA
180	02136216	SOFTWARE, I8000 DSP, US MARKET	1.00 EA
190	530023	HOSE,1/8inI.D.	6.00 IN

LABOR / TESTING

Misc Code	Description	Hours
LABR	Service Repair Labor	
LCAL	Service - Calibration Adjust	0.50
LFT	Service - Cal / Final Test	1.00

Technician Name: Dewayne Varvel

SRV4095680001

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 – Dry Gas

ALPHA INSTRUMENT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002591
09/24/2025 11:33

Test	g/210L	Time
Air Blank	0.000	11:33
Cal Check	0.080	11:33
Air Blank	0.000	11:34
Cal Check	0.080	11:34
Air Blank	0.000	11:35
Cal Check	0.080	11:35
Air Blank	0.000	11:36
Cal Check	0.080	11:36
Air Blank	0.000	11:37
Cal Check	0.080	11:37
Air Blank	0.000	11:37
Cal Check	0.080	11:38
Air Blank	0.000	11:38
Cal Check	0.080	11:39
Air Blank	0.000	11:39
Cal Check	0.080	11:39
Air Blank	0.000	11:40
Cal Check	0.081	11:40
Air Blank	0.000	11:41
Cal Check	0.080	11:41
Air Blank	0.000	11:42
Cal Check Stats		
Average	0.0801	
Std Dev	0.0003	
Rel Std Dev(%)	0.3947	

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.: 17504	Cylinder Size: 105L
Lot No.: 23725080A1	Cylinder No.: 015	Expiration Date: 10/05/2027
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., *Journal of Anal. Toxicol.* (1996) 20(6): pp. 484-491. [g/210L = PPM ÷2605].		
Signature		Date: 09/24/2025
Name Christopher Pape		Permit No.: 23020

ILMO specialty gases

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: 17504
Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 23725080A1
Expiration: 10/5/2027

RCVD 9/23/25 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): abs	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

*Reference Standard:
NIST Traceable Certified Reference Material - 260.6 µmol/mol
Ethanol in Nitrogen - Serial No. GN0015020 Lot No. 00424EI

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

Specialty Gas Lab Tech

09-08-2025
Issuance Date

PJLA Calibration and Testing
Accreditation #61895

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

10/20

OFFICER'S IMPAIRED DRIVING AFFIDAVIT

Section 1

ARREST DATE	ARREST TIME	COUNTY #	CITY #	CITATION #
10/01/2025	1115	55		

ARREST LOCATION	CITY	COUNTY
BOT		OKLAHOMA

SUBJECT NAME	DATE OF BIRTH	SEX	HEIGHT	WEIGHT
NORTH, GAYLON LEVERNE	08/09/1961	M	510	165

ADDRESS	CITY	STATE	ZIP CODE
3600 MARTIN LUTHER KING A	OKLAHOMA CITY	OK	73133

DRIVER LICENSE #	EXPIRATION DATE	STATE	CLASS	RESTRICTIONS	ENDORSEMENTS
T083454871	06/30/2019	OK	A		M

VEHICLE MAKE	MODEL	TAG #	STATE	CMV	PLACARD
MOCK	MOCK	MOCK	OK	N	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	SERIAL NUMBER	SPECIALIST
I-8000	80-004816	BOARD OF TESTS

STANDARD	TARGET VALUE	PERMIT NUMBER
Dry	0.080	23020

MANUFACTURER	LOT #	DATE CYLINDER INSTALLED	DATE CYLINDER EXPIRES
ILMO	23725080A1	10/01/2025	10/05/2027

OBSERVATION START	TEST DATE
1120	10/01/2025

RESULT TABLE

Test	g/210L	Time
Air Blank	0.00	11:59
Subject Test	0.00	11:59
Breath Volume	2.476 LITERS	
Air Blank	0.00	12:00
Wait		12:01
Air Blank	0.00	12:02
Subject Test	0.00	12:02
Breath Volume	3.742 LITERS	
Air Blank	0.00	12:03
Cal Check	0.07	12:03
Air Blank	0.00	12:04

A 15-minute (or greater) deprivation/observation period was observed prior to and continuing to the time of test administration.

I administered said Breath-Alcohol Test in compliance with the applicable operating procedure of the Board of Tests.

SIGNATURE OF OPERATOR

NAME	BADGE #	PERMIT #	AGENCY
PAPE, CHRISTOPHER	0000000484	0000023020	BOARD OF TESTS

GREAT SEAL OF THE STATE OF OKLAHOMA 1907

Test Result
BrAC g/210L
0.00

Section 3

What happens next?

1. 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.
2. 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.
3. 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.
4. 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.
5. **The Order and Notice of Revocation will inform you of your requirements to regain driving privileges in Oklahoma.**

Section 4

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."

Date:_____ Place (location when signed):_____ Signature of arresting officer:_____

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

Section 5

OTHER WITNESSES:

	NAME	TITLE	ADDRESS	PHONE
1				
2				

OFFICER/SOK COPY

BOT Form AFF01 11/2024

OFFICER'S IMPAIRED DRIVING AFFIDAVIT

11/20

Section 1

ARREST DATE	ARREST TIME	COUNTY #	CITY #	CITATION #
10/01/2025	1115	55		

ARREST LOCATION	CITY	COUNTY
BOT		OKLAHOMA

SUBJECT NAME	DATE OF BIRTH	SEX	HEIGHT	WEIGHT
NORTH, GAYLON LEVERNE	08/09/1961	M	510	165

ADDRESS	CITY	STATE	ZIP CODE
3600 MARTIN LUTHER KING A	OKLAHOMA CITY	OK	73133

DRIVER LICENSE #	EXPIRATION DATE	STATE	CLASS	RESTRICTIONS	ENDORSEMENTS
T083454871	06/30/2019	OK	A		M

VEHICLE MAKE	MODEL	TAG #	STATE	CMV	PLACARD
MOCK	MOCK	MOCK	OK	N	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	SERIAL NUMBER	SPECIALIST
I-8000	80-004816	BOARD OF TESTS

STANDARD	TARGET VALUE	PERMIT NUMBER
Dry	0.080	23020

MANUFACTURER	LOT #	DATE CYLINDER INSTALLED	DATE CYLINDER EXPIRES
ILMO	23725080A1	10/01/2025	10/05/2027

OBSERVATION START	TEST DATE
1120	10/01/2025

RESULT TABLE

Test	g/210L	Time
Air Blank	0.00	11:59
Subject Test	0.00	11:59
Breath Volume	2.476 LITERS	
Air Blank	0.00	12:00
Wait		12:01
Air Blank	0.00	12:02
Subject Test	0.00	12:02
Breath Volume	3.742 LITERS	
Air Blank	0.00	12:03
Cal Check	0.07	12:03
Air Blank	0.00	12:04

A 15-minute (or greater) deprivation/observation period was observed prior to and continuing to the time of test administration.

I administered said Breath-Alcohol Test in compliance with the applicable operating procedure of the Board of Tests.

SIGNATURE OF OPERATOR

NAME	BADGE #	PERMIT #	AGENCY
PAPE, CHRISTOPHER	0000000484	0000023020	BOARD OF TESTS

GREAT SEAL OF THE STATE OF OKLAHOMA 1907

Test Result
BrAC g/210L
0.00

Section 3

What happens next?

1. 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.
2. 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.
3. 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.
4. 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.
5. **The Order and Notice of Revocation will inform you of your requirements to regain driving privileges in Oklahoma.**

Section 4

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."

Date:_____ Place (location when signed):_____ Signature of arresting officer:_____

NAME	AGENCY
PAPE, CHRISTOPHER	BOARD OF TESTS

BADGE	AGENCY ADDRESS	ZIP CODE	PHONE
0000000484	INTER-AGENCY	00000	4054252460

ARRESTEE'S COPY

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
07/09/2025 12:20

Test	g/210L	Time
Air Blank	0.000	12:20
Cal Check	0.019	12:21
Air Blank	0.000	12:21
Cal Check	0.019	12:22
Air Blank	0.000	12:23
Cal Check	0.019	12:23
Air Blank	0.000	12:24
Cal Check	0.019	12:25
Air Blank	0.000	12:25
Cal Check	0.020	12:26
Air Blank	0.000	12:26
Cal Check	0.019	12:27
Air Blank	0.000	12:28
Cal Check	0.019	12:28
Air Blank	0.000	12:29
Cal Check	0.020	12:30
Air Blank	0.000	12:30
Cal Check	0.019	12:31
Air Blank	0.000	12:31
Cal Check	0.020	12:32
Air Blank	0.000	12:33
Cal Check Stats		
Average	0.0193	
Std Dev	0.0004	
Rel Std Dev(%)	2.5026	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.

Manufacturer: Guth	Manufactured Date: 1/7/2025	Concentration: 0.020
Lot No.: 25010	Expiration Date: 1/7/2027	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: 7/9/2025
Name Christopher Pape	Permit No.: 23020

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

RCVD
5/30/25
CP

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **25010** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **January 8, 2025,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0235%** (w/vol) ethyl alcohol. The expiration date for this lot number is **January 7, 2027** 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.

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 2
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004923
07/01/2025 11:06

Test	g/210L	Time
Air Blank	0.000	11:07
Cal Check	0.037	11:07
Air Blank	0.000	11:08
Cal Check	0.037	11:09
Air Blank	0.000	11:09
Cal Check	0.038	11:10
Air Blank	0.000	11:10
Cal Check	0.038	11:11
Air Blank	0.000	11:12
Cal Check	0.037	11:12
Air Blank	0.000	11:13
Cal Check	0.038	11:14
Air Blank	0.000	11:14
Cal Check	0.038	11:15
Air Blank	0.000	11:15
Cal Check	0.038	11:16
Air Blank	0.000	11:17
Cal Check	0.038	11:17
Air Blank	0.000	11:18
Cal Check	0.038	11:19
Air Blank	0.000	11:19
Cal Check Stats		
Average	0.0377	
Std Dev	0.0004	
Rel Std Dev(%)	1.2812	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.

Manufacturer: Guth	Manufactured Date: 3/11/2025	Concentration: 0.040
Lot No.: 25090	Expiration Date: 3/11/2027	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: 7/1/2025
Name Christopher Pape	Permit No.: 23020

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

RCVD 5/30/25 CP

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **25090** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **March 12, 2025,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0480%** (w/vol) ethyl alcohol. The expiration date for this lot number is **March 11, 2027** 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, 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.

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
09/30/2025 11:20

Test	g/210L	Time
Air Blank	0.000	11:21
Cal Check	0.099	11:21
Air Blank	0.000	11:22
Cal Check	0.099	11:23
Air Blank	0.000	11:23
Cal Check	0.099	11:24
Air Blank	0.000	11:25
Cal Check	0.099	11:25
Air Blank	0.000	11:26
Cal Check	0.099	11:27
Air Blank	0.000	11:27
Cal Check	0.099	11:28
Air Blank	0.000	11:28
Cal Check	0.099	11:29
Air Blank	0.000	11:30
Cal Check	0.099	11:30
Air Blank	0.000	11:31
Cal Check	0.099	11:32
Air Blank	0.000	11:32
Cal Check	0.099	11:33
Air Blank	0.000	11:33
Cal Check Stats		
Average	0.0990	
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: 3/18/2025	Concentration: 0.100
Lot No.: 25100	Expiration Date: 3/18/2027	Equipment Model: Guth 12V500

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: 9/30/2025
Name Christopher Pape	Permit No.: 23020

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

RCVD 7/14/25 CP

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **25100** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **March 19, 2025,** 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 **March 18, 2027** 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 Certiliant Reference Standard lot number **FN04042408** 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 2
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004923
06/06/2025 11:23

Test	g/210L	Time
Air Blank	0.000	11:24
Cal Check	0.200	11:24
Air Blank	0.000	11:25
Cal Check	0.199	11:26
Air Blank	0.000	11:26
Cal Check	0.199	11:27
Air Blank	0.000	11:27
Cal Check	0.198	11:28
Air Blank	0.000	11:29
Cal Check	0.199	11:29
Air Blank	0.000	11:30
Cal Check	0.199	11:31
Air Blank	0.000	11:31
Cal Check	0.199	11:32
Air Blank	0.000	11:33
Cal Check	0.197	11:33
Air Blank	0.000	11:34
Cal Check	0.199	11:35
Air Blank	0.000	11:35
Cal Check	0.198	11:36
Air Blank	0.000	11:36
Cal Check Stats		
Average	0.1987	
Std Dev	0.0008	
Rel Std Dev(%)	0.4143	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.		
Manufacturer: Guth	Manufactured Date: 1/14/2025	Concentration: 0.200
Lot No.: 25020	Expiration Date: 1/14/2027	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: 6/6/2025
Name Christopher Pape	Permit No.: 23020

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

RCVD
5/30/25
CP

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **25020** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **January 15, 2025,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.2409%** (w/vol) ethyl alcohol. The expiration date for this lot number is **January 14, 2027** 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 **FN03132302** 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	Unit Serial #	Date: 20/20
OKC PD	80-004816	2/14/25

Inventory Process

- [x] Unit checked in to BOT
- [x] New Unit Checked out
- [x] Unlink Gas Canister from Unit
- [x] Remove old cylinder from unit
- Old Cylinder #: 28423080A2-070
- [x] Old cylinder disposed in inventory (After Lab Evaluation)
- [x] Old cylinder archived

Check in Procedure

- [x] Connect unit to ethernet connection 172.019.004. 131
- [x] Download any stored records 11
- [x] Change unit location to Serial number
- [x] Update Unit Date and time
  - Previous time: 4/4/25 1553
  - New Time: Time OK
- [x] Execute a new Forms load on the unit

Notes from the Field

- [ ] Routine Swap
- [x] Issues in the Field

Unit is having purge fails in the field. Josh remoted in to the unit and the DVMs are out of spec. Possible source issue.

Lab Evaluation

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

DVM

3µm 12799 Chamber Temp 47.00 Snap Test ok? ☒

9µm 13136 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 ✓

Atmospheric Sensor

Pressure 978 Correction Factor 1.03

Flow Sensor

Resistance 174

Tank Sensor

Value 545

Is regulator close to Tank Sensor Value? ✓ Yes / No

Sent to CMI (If needed)

Date Sent 4/7/2025

Invoice Sent 4/23/2025

Date Returned 9/22/2025

Reason Sent Possible bad source

Repairs needed:

Repairs Made:

Ready for Bench Check? ✓

Inventory Process

- [ ] Linked Cylinder to Unit
- [ ] Changed Unit Status
- [ ] Bench Check Report Completed
- [ ] Bench Check Technician Report
- [ ] Mock Subject Test Completed
- [ ] Certificate of Calibration and Operation
- [ ] Service Overview Completed

For BOT Internal Use Only

To complete if unit sent to CMI

- [ ] CMI Workorder
- [ ] CMI Certificate of Calibration _____
- [ ] CMI Service Evaluation Form