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 80-004887, 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 #9
Oklahoma City, OK 73111
405-425-2460

BENCH CHECK DATE: 04/14/2022

SERIAL: 80-004887

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.

1. Maintenance was performed on the Intoxilyzer 8000, Serial No. 80-004887 on 04/14/2022 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.: 08121080A1-068
   - BOT analysis average test result: 0.080
   - Cylinder expiration date: 05/05/2023
3. 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	DR3694	DR3594	DR3754
Concentration			
.02	.04	.10	.20
LOT #			
21120	21070	21190	20510
Manufactured Date			
4/7/2021	3/2/2021	6/9/2021	12/3/2020
Expiration Date			
4/7/2023	3/1/2023	6/8/2023	12/3/2022
Solution Commission Date			
04/11/2022	04/11/2022	04/11/2022	04/11/2022

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
04/14/2022	14:03:4	80-004887

INSTRUMENT TYPE	INSTRUMENT MODEL	INSTRUMENT SERIAL NUMBER
Intoxilyzer	I-8000	80-004887

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	0.025	0.022	0.021
.04	0.042	0.041	0.042
.10	0.102	0.101	0.102
.20	0.200	0.199	0.199

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
	4/14/2022
NAME	PERMIT #
PAPE, CHRISTOPHER	0000023020

STATE OF OKLAHOMA
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 2
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004923
03/29/2022 14:41

Test	g/210L	Time
Air Blank	0.000	14:42
Cal Check	0.080	14:42
Air Blank	0.000	14:43
Cal Check	0.079	14:43
Air Blank	0.000	14:44
Cal Check	0.079	14:44
Air Blank	0.000	14:44
Cal Check	0.079	14:45
Air Blank	0.000	14:45
Cal Check	0.079	14:46
Air Blank	0.000	14:46
Cal Check	0.080	14:46
Air Blank	0.000	14:47
Cal Check	0.079	14:47
Air Blank	0.000	14:48
Cal Check	0.080	14:48
Air Blank	0.000	14:49
Cal Check	0.080	14:49
Air Blank	0.000	14:50
Cal Check	0.080	14:50
Air Blank	0.000	14:50
Cal Check Stats		
Average	0.0795	
Std Dev	0.0005	
Rel Std Dev(%)	0.6629	

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.: 13813	Cylinder Size: 105L
Lot No.: 08121080A1	Cylinder No.: 068	Expiration Date: 05/05/2023

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: 03/29/2022
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: 13813

Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 08121080A1
Expiration: 5/5/2023

RCVD 4/30/2021 CP

0.080 BAC (For the calibration of instruments used to determine breath alcohol concentration)

Contents: 105 Liters @ 1000 psig 70°F (21°C)

Component:	Reported Concentration:	Analytical Accuracy (U, k=2):	Analytical Method:
Ethanol	208 ppm	+/-0.002 BAC(G/210L) [5.2 ppm]	NDIR
Nitrogen	Balance		

Distributed by:
CMI Inc.
316 East Ninth Street
Owensboro, KY 42303
Phone 866-835-0690
www.alcoholtest.com

*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).

Josh Lins
Specialty Gas Lab Tech

04-22-2021
Issuance Date

Travis Nelson

PJLA
Calibration and Testing
Accreditation #61895

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.

ISO/IEC 17025:2017 Accredited Laboratory

OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

7/17

Section 1

ARREST DATE	ARREST TIME	COUNTY #	CITY #	CITATION #
04/14/2022	1500	55		

ARREST LOCATION	CITY	COUNTY
BOT		OKLAHOMA

SUBJECT NAME	DATE OF BIRTH	SEX	HEIGHT	WEIGHT
BREATHTEST, DELTA	01/01/1985	M	510	200

ADDRESS	CITY	STATE	ZIP CODE
3600 MLK	OKLAHOMA CITY	OK	73111

DRIVER LICENSE #	EXPIRATION DATE	STATE	CLASS	RESTRICTIONS	ENDORSEMENTS
B083463042	10/31/2022	OK	D		

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

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	80-004887	BOARD OF TESTS

STANDARD	TARGET VALUE	PERMIT NUMBER
Dry	0.080	23020

MANUFACTURER	LOT #	DATE CYLINDER INSTALLED	DATE CYLINDER EXPIRES
ILMO	08121080A1	04/14/2022	05/05/2023

OBSERVATION START	TEST DATE
1510	04/14/2022

RESULT TABLE

Test	g/210L	Time
Air Blank	0.00	15:37
Subject Test	0.00	15:37
Breath Volume	2.203 LITERS	
Air Blank	0.00	15:38
Wait		15:39
Air Blank	0.00	15:40
Subject Test	0.00	15:40
Breath Volume	2.183 LITERS	
Air Blank	0.00	15:40
Cal Check	0.07	15:41
Air Blank	0.00	15:41

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

EFFECTIVE THIRTY (30) DAYS FROM DATE SERVED. Notice of Revocation is given that your driver's license is revoked or denied for a period of one hundred eighty (180) days or more, if you refused or failed the state's test(s). In addition, your commercial driving privilege in this state will be disqualified if you refused or failed the state's test(s) (operating a CMV or CDL holder) OR a test result of .04 or more while operating a commercial motor vehicle. You may appeal any Departmental action against your driver license as a result of this arrest by filing a petition in the District Court of the County in which you were arrested. Your petition must be filed within thirty (30) days of the date listed below.

You may be eligible to participate in the Impaired Driver Accountability Program (IDAP) administered by the Department of Public Safety (DPS). Completion of IDAP may prevent a revocation as a result of this arrest from appearing on your driving record. Participation in IDAP may reduce the amount of fees you will be required to pay to the State. You must request IDAP within thirty (30) days of the date listed below. Mail the request for IDAP to the Department of Public Safety at P.O. Box 11415, Oklahoma City, OK 73136.

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

Date served:_____ Signature of officer:_____ Badge #:_____

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

OTHER WITNESSES: Section 5

	NAME	TITLE	ADDRESS	PHONE
1				
2				

OFFICER/DPS COPY

BOT Form AFF01 09/2021

OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

8/17

Section 1

ARREST DATE	ARREST TIME	COUNTY #	CITY #	CITATION #
04/14/2022	1500	55		

ARREST LOCATION	CITY	COUNTY
BOT		OKLAHOMA

SUBJECT NAME	DATE OF BIRTH	SEX	HEIGHT	WEIGHT
BREATHTEST, DELTA	01/01/1985	M	510	200

ADDRESS	CITY	STATE	ZIP CODE
3600 MLK	OKLAHOMA CITY	OK	73111

DRIVER LICENSE #	EXPIRATION DATE	STATE	CLASS	RESTRICTIONS	ENDORSEMENTS
B083463042	10/31/2022	OK	D		

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

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	80-004887	BOARD OF TESTS

STANDARD	TARGET VALUE	PERMIT NUMBER
Dry	0.080	23020

MANUFACTURER	LOT #	DATE CYLINDER INSTALLED	DATE CYLINDER EXPIRES
ILMO	08121080A1	04/14/2022	05/05/2023

OBSERVATION START	TEST DATE
1510	04/14/2022

RESULT TABLE

Test	g/210L	Time
Air Blank	0.00	15:37
Subject Test	0.00	15:37
Breath Volume	2.203 LITERS	
Air Blank	0.00	15:38
Wait		15:39
Air Blank	0.00	15:40
Subject Test	0.00	15:40
Breath Volume	2.183 LITERS	
Air Blank	0.00	15:40
Cal Check	0.07	15:41
Air Blank	0.00	15:41

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

EFFECTIVE THIRTY (30) DAYS FROM DATE SERVED. Notice of Revocation is given that your driver's license is revoked or denied for a period of one hundred eighty (180) days or more, if you refused or failed the state's test(s). In addition, your commercial driving privilege in this state will be disqualified if you refused or failed the state's test(s) (operating a CMV or CDL holder) OR a test result of .04 or more while operating a commercial motor vehicle. You may appeal any Departmental action against your driver license as a result of this arrest by filing a petition in the District Court of the County in which you were arrested. Your petition must be filed within thirty (30) days of the date listed below. **You may be eligible to participate in the Impaired Driver Accountability Program (IDAP) administered by the Department of Public Safety (DPS). Completion of IDAP may prevent a revocation as a result of this arrest from appearing on your driving record. Participation in IDAP may reduce the amount of fees you will be required to pay to the State. You must request IDAP within thirty (30) days of the date listed below. Mail the request for IDAP to the Department of Public Safety at P.O. Box 11415, Oklahoma City, OK 73136.**

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

Date served:_____ Signature of officer:_____ Badge #:_____

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

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Chairman

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Joshua Smith
Director

Certificate of Analysis – Reference Solution

ALPHA INSTRUMENT 2
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004923
03/08/2022 11:33

Test	g/210L	Time
Air Blank	0.000	11:34
Cal Check	0.022	11:34
Air Blank	0.000	11:35
Cal Check	0.021	11:36
Air Blank	0.000	11:36
Cal Check	0.021	11:37
Air Blank	0.000	11:37
Cal Check	0.021	11:38
Air Blank	0.000	11:38
Cal Check	0.021	11:39
Air Blank	0.000	11:40
Cal Check	0.021	11:40
Air Blank	0.000	11:41
Cal Check	0.020	11:42
Air Blank	0.000	11:42
Cal Check	0.021	11:43
Air Blank	0.000	11:43
Cal Check	0.021	11:44
Air Blank	0.000	11:45
Cal Check	0.020	11:45
Air Blank	0.000	11:46
Cal Check Stats		
Average	0.0209	
Std Dev	0.0005	
Rel Std Dev(%)	2.7158	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.		
Manufacturer: Guth	Manufactured Date: 04/07/2021	Concentration: 0.02
Lot No.: 21120	Expiration Date: 04/07/2023	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: 03/08/2022	
Name Christopher Pape	Permit No.: 23020	

STATE OF OKLAHOMA
BOARD OF TESTS FOR ALCOHOL AND DRUG INFLUENCE

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Joshua Smith
Director

Certificate of Analysis – Reference Solution

ALPHA INSTRUMENT 2
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004923
03/08/2022 11:53

Test	g/210L	Time
Air Blank	0.000	11:53
Cal Check	0.041	11:54
Air Blank	0.000	11:54
Cal Check	0.041	11:55
Air Blank	0.000	11:56
Cal Check	0.042	11:56
Air Blank	0.000	11:57
Cal Check	0.042	11:58
Air Blank	0.000	11:58
Cal Check	0.042	11:59
Air Blank	0.000	11:59
Cal Check	0.041	12:00
Air Blank	0.000	12:01
Cal Check	0.041	12:01
Air Blank	0.000	12:02
Cal Check	0.041	12:02
Air Blank	0.000	12:03
Cal Check	0.041	12:04
Air Blank	0.000	12:04
Cal Check	0.042	12:05
Air Blank	0.000	12:05
Cal Check Stats		
Average	0.0414	
Std Dev	0.0005	
Rel Std Dev(%)	1.2473	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.		
Manufacturer: Guth	Manufactured Date: 03/01/2021	Concentration: 0.04
Lot No.: 21070	Expiration Date: 03/01/2023	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: 03/08/2022	
Name Christopher Pape	Permit No.: 23020	

STATE OF OKLAHOMA
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Joshua Smith
Director

Certificate of Analysis – Reference Solution

ALPHA INSTRUMENT 2
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004923
03/08/2022 12:11

Test	g/210L	Time
Air Blank	0.000	12:11
Cal Check	0.101	12:12
Air Blank	0.000	12:13
Cal Check	0.101	12:13
Air Blank	0.000	12:14
Cal Check	0.101	12:15
Air Blank	0.000	12:15
Cal Check	0.102	12:16
Air Blank	0.000	12:16
Cal Check	0.101	12:17
Air Blank	0.000	12:18
Cal Check	0.101	12:18
Air Blank	0.000	12:19
Cal Check	0.101	12:20
Air Blank	0.000	12:20
Cal Check	0.101	12:21
Air Blank	0.000	12:21
Cal Check	0.101	12:22
Air Blank	0.000	12:23
Cal Check	0.101	12:23
Air Blank	0.000	12:24
Cal Check Stats		
Average	0.1011	
Std Dev	0.0003	
Rel Std Dev(%)	0.3127	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.		
Manufacturer: Guth	Manufactured Date: 06/08/2021	Concentration: 0.10
Lot No.: 21190	Expiration Date: 06/08/2023	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: 03/08/2022	
Name Christopher Pape	Permit No.: 23020	

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Joshua Smith
Director

Certificate of Analysis – Reference Solution

ALPHA INSTRUMENT 2
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004923
03/08/2022 12:28

Test	g/210L	Time
Air Blank	0.000	12:29
Cal Check	0.201	12:29
Air Blank	0.000	12:30
Cal Check	0.200	12:31
Air Blank	0.000	12:31
Cal Check	0.201	12:32
Air Blank	0.000	12:33
Cal Check	0.201	12:33
Air Blank	0.000	12:34
Cal Check	0.201	12:35
Air Blank	0.000	12:35
Cal Check	0.201	12:36
Air Blank	0.000	12:36
Cal Check	0.201	12:37
Air Blank	0.000	12:38
Cal Check	0.200	12:38
Air Blank	0.000	12:39
Cal Check	0.201	12:40
Air Blank	0.000	12:40
Cal Check	0.200	12:41
Air Blank	0.000	12:41
Cal Check Stats		
Average	0.2007	
Std Dev	0.0004	
Rel Std Dev(%)	0.2406	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.		
Manufacturer: Guth	Manufactured Date: 12/03/2020	Concentration: 0.20
Lot No.: 20510	Expiration Date: 12/03/2022	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: 03/08/2022	
Name Christopher Pape	Permit No.: 23020	

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

RCV'D
8/26/21
CP

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **21120** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **April 16, 2021,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0237%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 7, 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 **0.020 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 **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.

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RCV'D
8/26/21
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CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

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.

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 **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.

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RCVD
8/26/21
CP

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

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.

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.

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RCV'D
8/26/21
CP

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 20510 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 7, 2020,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.2419%** (w/vol) ethyl alcohol. The expiration date for this lot number is **December 3, 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.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:
*Testing was conducted using Cerilliant Reference Standard lot number **FN06231703** 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: 17/17
Purcell PD	80-004887	3/3/22

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 (After Lab Evaluation)
- Old Cylinder #: 08121080A1-068
- [x] Old cylinder disposed in inventory
- [x] Old cylinder archived

Check in Procedure

- [ ] Connect unit to ethernet connection 172.019.004. 130
- [x] Download any stored records _____
- [ ] Change unit location to Serial number
- [ ] Update Unit Date and time
  - Previous time: _____
  - New Time: _____
- [ ] Execute a new Forms load on the unit

Notes from the Field

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

Unit will not post.

Lab Evaluation

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

DVM

3µm 12802 Chamber Temp 47.00 Snap Test ok? [✓]

9µm 12686 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 944 Correction Factor 1.07

Flow Sensor

Resistance 217

Tank Sensor

Value 965

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

Sent to CMI (If needed)

Date Sent _____

Invoice Sent _____

Date Returned _____

Reason Sent

Repairs needed:

Load Firmware

Firmware

Repairs Made:

Replaced PROM chip, RAM chip and both Data Flash chips. Unit is booting up.

Firmware updated

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