



**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

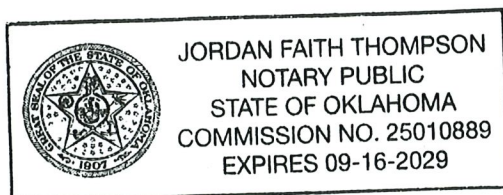
I, the undersigned Joshua Smith (Director/Records Custodian), attest under oath pursuant to 12 O.S. §2902 this record was made, at or near the time of the occurrence of the matters set forth by or from information transmitted by a person having knowledge of those matters; was kept in the course of the 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 80-005046, in compliance with the agency's Maintenance Policy and Procedures.

Signed _____

Joshua Smith

Name of Position: Director/Records Custodian



State of Oklahoma

County of Oklahoma

Signed or attested before me on 10/01/2025 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*



2/18

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

BENCH CHECK DATE: 03/29/2022

SERIAL: 80-005046

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. 80-005046 on 03/29/2022 in accordance with 40 O.A.C. 30-1-3 and internal BOT maintenance policy and procedures.
- A dry gas canister appearing on the National Highway Traffic Safety Administration's Conforming Products List of Calibrating Units for Breath Alcohol Testers (77 FR 64588 *et seq*) and approved in accordance with 40 O.A.C. 25-1-3 and BOT maintenance policy was installed.
 - Manufacturer: ILMO Unit: 208 ppm / 105 L
 - Cylinder Lot No. - Canister No.: 11821080A2-011
 - BOT analysis average test result: 0.079
 - Cylinder expiration date: 06/05/2023
- In accordance with 40 O.A.C. 25-1-2.1, the approved reference standards and equipment were used:

Simulator Model			
Guth 2100	Guth 2100	Guth 2100	Guth 2100
Serial #			
DR3685	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			
03/08/2022	03/25/2022	03/25/2022	03/08/2022

Completed by BOT Personnel:


Signature/Name Christopher Pape

Breath-Alcohol Testing Program Administrator
Title


Signature Joshua Smith
Name

State Director
Title

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

CMI INTOXILYZER BENCH CHECK PROCEDURE REPORT

BENCH CHECK DATE 03/29/2022	TIME PROCEDURE BEGAN 14:05:4	INSTRUMENT LOCATION 80-005046
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-005046

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	0.017	0.018
.04	0.037	0.038	0.039
.10	0.099	0.098	0.098
.20	0.200	0.197	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 3/29/2022
NAME PAPE, CHRISTOPHER	PERMIT # 0000023020



5/18

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 – Dry Gas

ALPHA INSTRUMENT 2

Intoxilyzer – Alcohol Analyzer

Model 8000

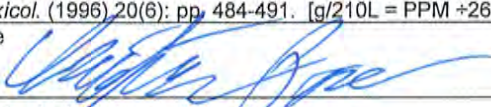
SN 80-004923

03/29/2022

13:31

Test	g/210L	Time
Air Blank	0.000	13:31
Cal Check	0.080	13:31
Air Blank	0.000	13:32
Cal Check	0.079	13:32
Air Blank	0.000	13:33
Cal Check	0.079	13:33
Air Blank	0.000	13:34
Cal Check	0.080	13:34
Air Blank	0.000	13:35
Cal Check	0.080	13:35
Air Blank	0.000	13:35
Cal Check	0.079	13:36
Air Blank	0.000	13:36
Cal Check	0.079	13:37
Air Blank	0.000	13:37
Cal Check	0.079	13:37
Air Blank	0.000	13:38
Cal Check	0.080	13:38
Air Blank	0.000	13:39
Cal Check	0.079	13:39
Air Blank	0.000	13:40
Cal Check Stats		
Average	0.0794	
Std Dev	0.0005	
Rel Std Dev(%)	0.6503	

Known Breath-Alcohol Equivalent (g/210L) Ratio of Nitrogen and Ethanol Gas (208 ppm/105 L)
 $0.08 \text{ g/210L} = 208 \text{ PPM} \div 2605^*$

Manufacturer: ILMO	Manufacturer Cert. No.: 13921	Cylinder Size: 105L
Lot No.: 11821080A2	Cylinder No.: 011	Expiration Date: 06/05/2023
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., <i>Journal of Anal. Toxicol.</i> (1996) 20(6): pp. 484-491. [g/210L = PPM \div 2605].		
Signature 	Date: 03/29/2022	
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: 13921
Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 11821080A2
Expiration: 6/5/2023

RCVD
6/10/21
CP

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

Contents: 105 Liters @ 1,000 psig 70°F (21°C)

Component:	Reported Concentration:	Analytical Accuracy (U, k=2):	Analytical Method:
Ethanol	208 ppm	+/-0.002 BAC(6/210L)	NDIR
Nitrogen	Balance	[5.2 ppm]	

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).

Specialty Gas Lab Tech

05-27-2021
Issuance Date



The calibration results within this certificate were obtained using equipment and standards capable of producing analytical results traceable to NIST, and apply only to the items contained on this certificate. ILMO Products Company makes no warranty or representation as to the suitability of the use of any information provided for any particular purpose. The information use is at the sole discretion and risk of the user. Liability shall be limited to established replacement cost of this material or service.

OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

7/18

Section 1

ARREST DATE 03/29/2022	ARREST TIME 1430	COUNTY # 55	CITY #	CITATION #
ARREST LOCATION BOT		CITY		COUNTY OKLAHOMA
SUBJECT NAME BREATHTEST, ALPHA		DATE OF BIRTH 01/01/1980	SEX M	HEIGHT 510
ADDRESS 3600 MARTIN LUTHER KING A		CITY OKLAHOMA CITY	STATE OK	WEIGHT 150
ZIP CODE 73111		EXPIRATION DATE 10/31/2022	STATE OK	CLASS D
DRIVER LICENSE # B083462869		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


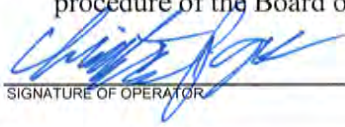
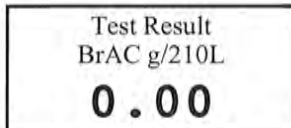
Describe person's condition (odor, actions, etc.):

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 80-005046	SPECIALIST BOARD OF TESTS			
STANDARD Dry	TARGET VALUE 0.080	PERMIT NUMBER 23020			
MANUFACTURER ILMO	LOT # 11821080A2	DATE CYLINDER INSTALLED 03/29/2022			
OBSERVATION START 1445	TEST DATE 03/29/2022	DATE CYLINDER EXPIRES 06/05/2023			
RESULT TABLE					
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.					
NAME PAPE, CHRISTOPHER					
BADGE # 0000000484					
PERMIT # 0000023020					
AGENCY BOARD OF TESTS					
OBSERVATION START 1445					
TEST DATE 03/29/2022					
RESULT TABLE					
Test		g/210L		Time	
Air Blank		0.00		15:03	
Subject Test		0.00		15:03	
Breath Volume		2.101 LITERS			
Air Blank		0.00		15:04	
Wait				15:06	
Air Blank		0.00		15:06	
Subject Test		0.00		15:06	
Breath Volume		2.015 LITERS			
Air Blank		0.00		15:07	
Cal Check		0.08		15:07	
Air Blank		0.00		15:08	

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

Section 3

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

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

In accordance with Title 12 O.S. Section 426, "I state under penalty of perjury under the laws of Oklahoma that the foregoing is true and correct."

Section 4

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

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

OTHER WITNESSES:

Section 5

1	NAME	TITLE	ADDRESS	PHONE
2	NAME	TITLE	ADDRESS	PHONE

OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

8/18

Section 1

ARREST DATE 03/29/2022		ARREST TIME 1430		COUNTY # 55	CITY #	CITATION #	
ARREST LOCATION BOT				CITY		COUNTY OKLAHOMA	
SUBJECT NAME BREATHTEST, ALPHA				DATE OF BIRTH 01/01/1980		SEX M	HEIGHT 510
ADDRESS 3600 MARTIN LUTHER KING A				CITY OKLAHOMA CITY		STATE OK	WEIGHT 150
DRIVER LICENSE # B083462869				EXPIRATION DATE 10/31/2022		STATE OK	ZIP CODE 73111
VEHICLE MAKE MOCK				MODEL MOCK		TAG # MOCK	RESTRICTIONS OK
						CMV N	ENDORSEMENTS 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

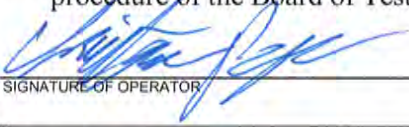

Describe person's condition (odor, actions, etc.):

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 80-005046	SPECIALIST BOARD OF TESTS																																				
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 23020																																				
MANUFACTURER ILMO		LOT # 11821080A2	DATE CYLINDER INSTALLED 03/29/2022	DATE CYLINDER EXPIRES 06/05/2023																																			
OBSERVATION START 1445	TEST DATE 03/29/2022	<p>A 15-minute (or greater) deprivation/observation period was observed prior to and continuing to the time of test administration.</p> <p>I administered said Breath-Alcohol Test in compliance with the applicable operating procedure of the Board of Tests.</p> <p style="text-align: center;"> SIGNATURE OF OPERATOR</p>																																					
RESULT TABLE																																							
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Test</th> <th style="text-align: left;">g/210L</th> <th style="text-align: left;">Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.00</td><td>15:03</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>15:03</td></tr> <tr><td>Breath Volume</td><td>2.101 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>15:04</td></tr> <tr><td>Wait</td><td></td><td>15:06</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>15:06</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>15:06</td></tr> <tr><td>Breath Volume</td><td>2.015 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>15:07</td></tr> <tr><td>Cal Check</td><td>0.08</td><td>15:07</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>15:08</td></tr> </tbody> </table>		Test	g/210L	Time	Air Blank	0.00	15:03	Subject Test	0.00	15:03	Breath Volume	2.101 LITERS		Air Blank	0.00	15:04	Wait		15:06	Air Blank	0.00	15:06	Subject Test	0.00	15:06	Breath Volume	2.015 LITERS		Air Blank	0.00	15:07	Cal Check	0.08	15:07	Air Blank	0.00	15:08	<div style="text-align: center;">  Test Result BrAC g/210L 0.00 </div>	
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EFFECTIVE THIRTY (30) DAYS FROM DATE SERVED. Notice of Revocation is given that your driver's license is revoked or denied for a period of one hundred eighty (180) days or more, if you refused or failed the state's test(s). In addition, your commercial driving privilege in this state will be disqualified if you refused or failed the state's test(s) (operating a CMV or CDL holder) OR a test result of .04 or more while operating a commercial motor vehicle. You may appeal any Departmental action against your driver license as a result of this arrest by filing a petition in the District Court of the County in which you were arrested. Your petition must be filed within thirty (30) days of the date listed below.

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

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

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

In accordance with Title 12 O.S. Section 426, "I state under penalty of perjury under the laws of Oklahoma that the foregoing is true and correct."

Section 4

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

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

ARRESTEE'S COPY

BOT Form AFF02 09/2021



9/18

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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	



10/18

STATE OF OKLAHOMA
BOARD OF TESTS FOR ALCOHOL AND DRUG INFLUENCE

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

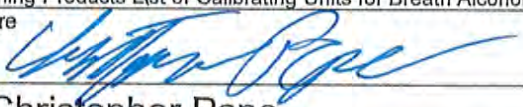
Post Office Box 36307
Oklahoma City, Oklahoma 73136-2307
Phone: (405) 425-2460 Fax: (405) 425-2490
www.bot.ok.gov

Joshua Smith
Director

Certificate of Analysis – Reference Solution

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



11/18

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

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



12/18

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 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

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.

RCV'D
8/26/21
CP

**GUTH LABORATORIES, INC.**

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

CERTIFICATE OF ANALYSISRCV'D
8/26/21
CP

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.

**GUTH LABORATORIES, INC.**

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CERTIFICATE OF ANALYSISRCV'D
8/26/21
CP**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.

**GUTH LABORATORIES, INC.**

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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.

RCV'D
8/26/21
CP

<u>Location Returned From</u> Jackson Co	<u>Unit Serial #</u> 80-005046	<u>Date:</u> 17/18 1/14/21
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Inventory Process

☒ Unit checked in to BOT
☒ New Unit Checked out

☒ Unlink Gas Canister from Unit

☒ Remove old cylinder from unit

Old Cylinder #: 11821080A2-011

☒ Old cylinder disposed in inventory

☒ Old cylinder archived

<u>Check in Procedure</u> <div style="margin-top: 10px;"> <input checked="" type="checkbox"/> Connect unit to ethernet connection 172.019.004. 131 <input checked="" type="checkbox"/> Download any stored records 4 <input checked="" type="checkbox"/> Change unit location to Serial number <input checked="" type="checkbox"/> Update Unit Date and time <div style="margin-left: 20px;"> Previous time: 1/14/2022 13:45 New Time: 1/14/2022 13:45 </div> <input checked="" type="checkbox"/> Execute a new Forms load on the unit </div>	<u>Notes from the Field</u> <div style="margin-top: 10px;"> <input type="checkbox"/> Routine Swap <input checked="" type="checkbox"/> Issues in the Field Unit is reporting to have multiple Purge Fails. </div>
--	--

Lab Evaluation

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

DVM

3µm 12950 Chamber Temp 47.00
 9µm 13727 Breath Hose Temp 45

Snap Test ok? ☒
 RFI Detected? ☒

Peripheral Tests

Speaker (F5) ☒
 Gas Regulator (F11) ☒

Power LED Green (F6) ☒
 Pump (F10) ☒

Red (F7) ☒
 Receipt paper ☒

Fan (F9) ☒

<u>Atmospheric Sensor</u>	<u>Flow Sensor</u>	<u>Tank Sensor</u>	<u>Is regulator close to Tank Sensor Value?</u>
Pressure 945 Correction Factor 1.07	Resistance 194	Value 924	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No

<u>Sent to CMI (If needed)</u>	<u>Reason Sent</u>
Date Sent _____ Invoice Sent _____ Date Returned _____	

<u>Repairs needed:</u> <div style="margin-top: 10px;"> --Breath Hose Leaks ✓ --Check valve and pump ✓ --Slight leak in sample chamber. ✓ </div>	<u>Repairs Made:</u> <div style="margin-top: 10px;"> Replaced Breath hose Tightened source carrier Leak significantly reduced Pump & check valve checked good </div> <div style="margin-top: 20px;"> Ready for Bench Check? <input checked="" type="checkbox"/> </div>
---	---

<u>Inventory Process</u> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <input type="checkbox"/> Linked Cylinder to Unit <input type="checkbox"/> Changed Unit Status <input type="checkbox"/> Bench Check Report Completed </div> <div> <input type="checkbox"/> Bench Check Technician Report <input type="checkbox"/> Mock Subject Test Completed <input type="checkbox"/> Certificate of Calibration and Operation <input type="checkbox"/> Service Overview Completed </div> </div>	<u>To complete if unit sent to CMI</u> <div style="margin-top: 10px;"> <input type="checkbox"/> CMI Workorder <input type="checkbox"/> CMI Certificate of Calibration _____ <input type="checkbox"/> CMI Service Evaluation Form </div>
---	---

Instrument Setup (Bench Check):

18/18

☒ Verify Date and Time.☒ Verify Location is serial number.☒ Setup General Setup for Bench Check

"Display volume" - Y

"Display third digit" - Y

"Display Prelim Rslt" - Y

"Disable on Memfull" - Y

"Modem or Net" - N

"Enter IP Address" - 204.061.010.201

"Enter Port Number" - 10001

"Enable Data Stream" - N

☒ Configure Start Test

"Data Entry Mode" - DISABLED

"Start Test Seq" - ABAWABACA

☒ Configure Standard

"Select Std (D/W/I)" - W

"Standard Value" - 0.100

"Date of Maint" - Enter Current Date

"Specialist" - Board of Tests

"Permit Number" - Enter Permit number

Bench Check Unit Serial #: 80-005046

Solution Commission Date

Date: 3/29/22 Start Time: 1400 End Time:

0.02

0.04

0.10

0.20

Canister #: 11821080A2-011 Exp. Date: 6/5/2023 3/8/22 3/25/22 3/25/22 3/8/22

☒ Post Repair ☐ Routine Maintenance ☐ Cylinder Replacement ☐ Troubleshooting

Repairs Completed:

Instrument Setup (Field Use):

☒ Verify Date and Time.☒ Verify Location is serial number.☒ Setup General Setup for Bench Check

"Display volume" - Y

"Display third digit" - N

"Display Prelim Rslt" - N

"Disable on Memfull" - Y

"Modem or Net" - N

"Enter IP Address" - 204.061.010.201

"Enter Port Number" - 10001

"Enable Data Stream" - N

☒ Configure Start Test

"Data Entry Mode" - ENABLED

"Start Test Seq" - ABAWABACA

☒ Configure Standard

"Select Std (D/W/I)" - D

Please scan cylinder barcode or press Enter

"Standard Value" - 0.### (Auto populated).

"Standard Lot#" - (Auto populated).

"Standard Manuf" - ILMO

"Installation Date" - Enter Current Date

"Expiration Date" - (Auto populated).

"Specialist" - Enter Board of Tests

"Permit Number" - Enter Permit Number

☒ Calibrate Tank sensor☒ Install the canister☒ Check pressure reading of tank sensor.

Is pressure reading close to regulator gauge?



-----Run Mock Subject Test-----

Setup for Next Site: Noble Co. Moore PD

☒ Name changed in COBRA.☒ Operator Database updated.☒ Connection changed in COBRA.

Connection Changed on Instrument

☒ Gateway ☐ Agency Ethernet

Internal IP Address: _____

Gateway Address: _____

☒ Port type set to "N"

Notes: