

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

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

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

Joshua Smith Director

### ATTESTATION

I, the undersigned *Joshua Smith* (Director/Records Custodian), attest under oath pursuant to 12 O.S. §2902 (11)(a) this record was made, at or near the time of the occurrence of the matters set forth by or from information transmitted by a person having knowledge of those matters; was kept in the course of the regularly conducted business activity of the Board; and was made pursuant to the regularly conducted activity. The duplicate record provided is listed below:

1) The attached "Service Overview" is a true and accurate copy of maintenance performed on the Intoxilyzer 8000, serial number , in compliance with the agency's Maintenance Policy and Procedures.

This packet consists of pages.

Signed \_\_\_\_\_

Name of Position: Director/Records Custodian

Date of Attestation:

# **Service Overview**



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

BENCH CHECK DATE: 08-31-2020

SERIAL: 80-003318

## DOCUMENTATION WITHIN SERVICE PACKET:

- BOT Certificate of Calibration and Operation
- CMI Certificate of Calibration 08-26-2020
- Bench Check
- Bench Check Technician's Report
- BOT Dry Gas Certificate of Analysis
- CMI Service Evaluation Form
- CMI Work Order
- Mock Subject Test
- BOT Certificates of Analysis on Certified Solutions (4)



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

Administrative Office at:
Board of Tests for Alcohol and Drug Influence
Post Office Box 36307
Oklahoma City, Oklahoma 73136-2307

# **Certificate of Calibration and Operation**

This is to certify that the calibration of INTOXILYZER 8000, serial number 80-003318, manufactured by CMI Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, was tested and found to be in compliance with National Highway Traffic Safety Administration Standard for Devices to Measure Breath Alcohol (F.R., No. 179 48705-48710 Sept. 17, 1993) and with International Recommendation OIML R 126 Edition 1998 (E). Calibration solutions are traceable to NIST standard material 1828.

In addition the operational procedures and functions of this Intoxilyzer have also been tested and found to be in compliance with the Oklahoma Board of Tests for Alcohol and Drug Influence - Rules and Regulations OAC Title 40: 25-1-2 and 30-1-3 and is hereby certified for use as an evidential breath testing device within this state.

	The second secon
Manufacturer Calibration	07-22-08
Board of Tests Bench Check	09-30-08
Board of Tests Bench Check	03-30-10
Board of Tests Bench Check	12-14-11
Manufacturer Calibration	06-17-13
Board of Tests Bench Check	06-21-13
Board of Tests Bench Check	11-18-13
Manufacturer Calibration	06-27-14
Board of Tests Bench Check	07-17-14
Board of Tests Bench Check	03-04-15
Board of Tests Bench Check	05-26-15
Board of Tests Bench Check	10-05-16
Board of Tests Bench Check	04-07-17
Board of Tests Bench Check	10-25-18
Manufacturer Calibration	08-26-20
Board of Tests Bench Check	08-31-20



Presentation of this form certifies that the Intoxilyzer, SN: 80-003318, functioned properly at the time of the breath test and hereby certifies the breath test result as valid.

Date:

Re: Request for Log of Test on Intoxilyzer 8000

Name:

## Dear Sir:

The Log of Test information from a breath test conducted on a Intoxilyzer 8000 is printed in Section 2 the Affidavit and is no longer retained as a separate form as with the Intoxilyzer 5000. The 8000 uses a nitrogen/ethanol dry gas for the external control test. The dry gas cylinder has the capacity to perform approximately 325 tests and does not require maintenance until its expiration date or can no longer provide the required pressure to perform a control test. The cylinder has an expiration date of two years from date filled at the manufacturer and is programmed in the 8000 upon installation, both dates are printed in Section 2 of the Affidavit. The Intoxilyzer is programmed to disable itself when the date of expiration is reached or the pressure monitor indicates 25 lbs psi.

Due to the reliability and stability of dry gas, maintenance on the 8000 is not required every 30 days or 25 tests, therefore maintenance is no longer performed by officers in the field. The Board of Tests for Alcohol and Drug Influence certifies each Intoxilyzer 8000 for field use by performing a bench check. The bench check is designed to check the operation and procedures programmed in the 8000 to ensure it is functioning properly for use in Oklahoma. A bench check is performed every time a new dry gas cylinder is installed or the instrument has returned from the manufacturer for repair. instrument passes the bench check, all that is required to set it up for field use is to plug it in and turn it on and does not require a permit to set up. The Board of Tests has the ability to monitor each instrument once it is set up in the field.

Each Intoxilyzer has a database of valid permit numbers that it checks prior to allowing a breath test to be performed. The database is updated on a regular basis, if a permit number is invalid that officer will not be able to conduct a breath test on the 8000. If the 8000 prints an affidavit the breath test operator listed in Section 2 had a valid permit at the time of the test and the breath test is valid.

If you have any further questions please feel free to call me.

J. Robert Blakeburn (OBA11059) State Director of Tests for Alcohol

O. pohr &Blokelun

and Drug Influence

# Certificate of Calibration

This is to certify the calibration of MOXIVZET ® serial number 80-003318, 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 alegnet 262020 Signed alice Foler

316 East 9th Street Owensboro, KY 42303

Part No. 650517 Rev.A

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

08/31/2020	15:10:4	80-003318
nstrument type Intoxilyzer	INSTRUMENT MODEL I - 8000	INSTRUMENT SERIAL NUMBER 80-003318

## 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** 

Dupited Distant Camping Head								
Value	Test 1	Test 2	Control Test					
.02	0.018	0.018	0.019					
.04	0.039	0.039 0.037 0.						
.10	0.098	0.097	0.098					
.20	0.197	0.192	0.195					

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
My/12/1/2 23020	08/31/2020
PAPE, CHRISTOPHER	PERMIT # 000023020

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

# BENCH CHECK TECHNICIAN'S REPORT

Date: 08/31/2020 Start Time: 15:10 End Time: 16:10 INSTRUMENT Intoxilyzer Model Serial # 80-003318 8000 **GAS CANISTER** LOT# **EXP Date** 20520080A1-027 09/05/2022 REFERENCE Simulator Model Guth 2100 Guth 2100 Guth 2100 Guth 2100 Serial # DR2834 DR3700 DR2455 DR3470 Concentration .02 .04 .10 .20 LOT# 19050 20060 20190 20160 Manufactured Date 02/04/2019 02/10/2020 03/18/2020 04/06/2020 **Expiration Date** 02/04/2021 02/10/2022 04/06/2022 03/18/2022 Solution Commission Date 8/27/2020 8/27/2020 8/27/2020 8/27/2020 REASON FOR BENCH CHECK ☐ TROUBLESHOOTING ☐ ROUTINE MAINTENANCE COMMENTS Technician Signature / Permit #

Christopher Pape #23020

Printed Name

g/210L

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Intoxilyzer - Alcohol Analyzer

ALPHA INSTRUMENT

Model 8000

08/21/2020

Test

Air Blank

Cal Check

Air Blank

Std Deu

Cal Check Stats Average

Rel Std Dev(%)

Certificate	of Analysis – Dry Gas	
8/21/2020	0.080	VOV
Date of Analysis	Labelled target value (g/210L)	
027	0.081	
Cylinder #	Average test result	
ChrisTopher Pape BOT Technician Name and Signatur	Whitne Sac 3	specialty gases

In accordance with BOT Policy and Procedure Statement BRT-2.3.0, Maintenance, the above referenced dry gas cylinder is suitable for use as an external reaching with Maintenance, the above - Jacksonville, IL 62651-0790 217-245-2183 • Fax: 217-243-7634 • www.ilmoproducts.com

# Certificate of Analysis

Certificate ID:

13202 \*

Part #:

BAC105L080T

Cylinder Size:

105L

Lot Number:

20520080A1

Expiration:

9/5/2022

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

Contents:

Component:

105 Liters @ 1000 psig 70°F (21°C)

Analytical

Reported

Concentration:

Accuracy

Analytical Method:

(U, k=2):

Ethanol.

208 ppm

Nitrogen

Balance

+/-0.002 BAC(G/210L) NDIR

[5.2 ppm]

Distributed by:

RCV'D 8/19/2020

CMI Inc.

316 East Ninth Street Owensboro, KY 42303

Phone 866-835-0690

www.alcoholtest.com

Operator's Signature

\*Traceable to:

Certified Reference Material - 262.4 µmol/mol

Ethanol in Nitrogen - Serial No. GN0015026 Lot No. 050319E11

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

Specialty/Gas Lab Tech

08-10-2020

Issuance Date

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.

# CMI INC. Service Evaluation Form

This form MUST be completed and enclosed with instrument to be serviced. Failure to complete and return this form may cause delays in service.

. Contact informa	ition:	Customer Number	731362	(contact Customer Service)
Name: Board	d of Test	S	Phone: (405)	425 2460
Fax: (405) 425 2490 Email:			christopher.pape	e@bot.ok.gov
2. Bill to Address:	Board o	f Tests	Ship to Address:	Board of Tests
		/IL King, Bldg 9		3600 N ML King, Bldg 9
	OKC, O	( 73111		OKC, OK 73111
. Serial Number:	80-0033	18	Instrument Model:	Intoxilyzer 500 / 8000
. Detailed Descrip	otion of P	roblem:		
"그 말이 있었다" 그렇게 하겠어요 개를 쓰다니다 있었다.	ACOUNT OFFICE A TOTAL TOTAL	er, no breath hose	supplied	
Leak in testing	g chamb	er, no breath hose		ers with instrument!***
Leak in testing	g <b>chamb</b> s Materia	er, no breath hose I Warning! - <u>DO NO</u>	∑ return gas cylinde	ers with instrument!***
Leak in testing  ***Hazardou  I Authorize Rep	g chamb s Materia pairs Up 1	er, no breath hose I Warning! - <u>DO NO</u>	<u>T</u> return gas cylinde ⊠\$500	_
***Hazardou  I Authorize Rep Purchase Orde	g chamb s Materia pairs Up 1	er, no breath hose I Warning! - <u>DO NO</u> o:	<u>T</u> return gas cylinde ⊠\$500	Other \$
***Hazardou  I Authorize Rep Purchase Orde	g chamb s Materia pairs Up 1	er, no breath hose I Warning! - <u>DO NO</u> To:	T return gas cylinde ⊠\$500	Other \$
***Hazardou  I Authorize Rep Purchase Orde  uthorized By:  Chris Pape	g chamb s Materia pairs Up T r Number	er, no breath hose I Warning! - <u>DO NO</u> To:	T return gas cylinde	Other \$
***Hazardou  I Authorize Rep Purchase Orde  uthorized By:  hris Pape	g chamb s Materia pairs Up T r Number	er, no breath hose I Warning! - <u>DO NO</u> To:AII\$250 r (attach a copy of P	T return gas cylinde	Other \$
***Hazardou  ***Hazardou  I Authorize Rep Purchase Orde  authorized By: Chris Pape  Iame (Please Prin	g chamb s Materia pairs Up T r Number	er, no breath hose  I Warning! - <u>DO NO</u> To:All\$250  r (attach a copy of P  Breath Test Title	T return gas cylinde	Other \$
***Hazardou  I Authorize Rep Purchase Orde  uthorized By: Chris Pape lame (Please Printing Pape) ignature	s Materia	er, no breath hose  I Warning! - <u>DO NO</u> To:All\$250  r (attach a copy of P  Breath Tes  Title  08/04/202	T return gas cylinde     \$500	Other \$  to:  I, Inc  n: Service Dept.
***Hazardou  I Authorize Rep Purchase Orde  Authorized By: Chris Pape  Jame (Please Prin	s Materia pairs Up Tr Number	er, no breath hose  I Warning! - DO NO  To: All \$250  r (attach a copy of P  Breath Tes  Title  08/04/202  Date	T return gas cylinder  \$500	Other \$  to:  I, Inc  n: Service Dept.  S East Ninth Street

316 E 9th Street / Owensboro KY 42303 / USA

Phone: 866-835-0690

# SERVICE WORK ORDER

10/16

405208

DATE: 8/10/2020

Bill To:

Oklahoma Board Of Tests Blvd Adcu Annex Blda #9 3600 Martin Luther King Oklahoma City, OK 73136-3000

USA Customer #: 731362 Phone: 405-425-2424

Fax: 405-425-2490 fax

Ship To:

Oklahoma Board Of Tests Blvd Adcu Annex Bldg #9 3600 Martin Luther King Oklahoma City OK 73136-3000 USA

Phone: 405-425-2424

Fax: 270-685-6268

**Serial Number: 80-003318** BILL CODE: Out of Warranty MODEL #: 002480OK

**EXTRA PARTS RCVD:** 

BT, SHELF

### **DESCRIPTION OF PROBLEM**

LEAK IN TEST CHAMBER

#### **WORK PERFORMED:**

No breath hose. DVM's out of spec. Rear cover screw insert stripped. Replaced breath hose and insert. Reset preamp gains. No leak foung in cell, Spoke with Josh Smith.

#### PARTS USED

Seq. No.	Part	Description	Quantity
80	650517	CERTIFICATE OF CALIBRATION	2.00 EA
90	441169	COVER DUST,5/8in x 1/2in	1.00 EA
100	470145	CAP,PLASTIC,.25IDx.50LG,RED	3.00 EA
110	470154	CAP,PLSTC,.406IDx.438562,RED	1.00 EA
120	470218	SEAL, TAMPER EVIDENT, SERVICE	1.00 EA
130	021307	HOSE ASSY,BREATH,I8000	1.00 EA
140	410321	INSERT M3.5 x 0.6 BRASS	1.00 EA

## 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: Gary Watts

SRV4052080001

# 11/16

Section 5

PHONE

PHONE

RREST DATE	ARRES			COUNTY	#	CITY#	CITATIO	N #		Section
08/31/2020 RREST LOCATION	153	30		55	CITY			COUNT		
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No Temporary License Issued: Test Below Legal Limit

OTHER WITNESSES:

NAME

NAME

ADDRESS

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ays or more, if you refusiperating a CMV or CDL is a result of this arrest by ou may be eligible to proceed on as a result of equest IDAP within thir ERVING OF NOTIC accountability Programmes.	DAYS FROM DATE SERVI ed or failed the state's test(s holder) OR a test result of .6. y filing a petition in the Distri- articipate in the Impaired in this arrest from appearing by (30) days of the date list DE: I personally hand arm to the person name	b. In addition, your color or more while opers to Court of the County Driver Accountability on your driving reced below. Mail the redelivered a copy of the county of t	mmercial driving privil and a commercial mo- in which you were are program (IDAP) add ford. Participation in equest for IDAP to the of the above cont	lege in this state will otor vehicle. You ma rested. Your petition ministered by the I n IDAP may reduce the Department of F	be disqua ay appeal n must be Departmen the amou Public Saf	alified if you refus any Department filed within thirty nt of Public Saf unt of fees you fety at P.O. Box	sed or falled lal action ag (30) days of lety (DPS), will be requ 11415, Okt	I the state's to painst your dri of the date list Completion uired to pay lahoma City,	est(s) ver license ed below. of IDAP n to the Sta OK 73136	nay prevent a te. You must i.
oate served: 08/	31/2020							B. J	u	
		Signature of office						Bad	-	
	itle 12 O.S. Section 42		penalty of perju	ry under the law					and corr	ect." Section
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PAPE, CH ADGE 000000048	AGENCY ADDRESS	ENCY				ZIP CODE 0000	0 PHON	)54252	2460	

SN 80-004923

12-10-19

**BOT Technician Name and Signature** 

**RLPHA INSTRUMENT 2** Intoxilyzer - Alcohol Analyzer

Model 8000

5td Dev

Rel Std Deu(%)

Date of Analysis

020

19050 Lot Number

aboratories, inc. 590 NORTH 67th STREET 9 HARRISBURG, PA 17111-4511 9 TELEPHONE: 717-564-5470

In accordance with BRT - 2.2.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

Certified Alcohol Reference Solution for Simulator

CERTIFICATE OF ANALYSIS

12/10/2019 14:52 Test g/210L Time Air Blank 0.009 14:53 Cal Check 0.019 14:53 Air Blank 14:54 0.000 Cal Check 0.020 14:55 Air Blank 0.000 14:55 Cal Check 0.019 14:56 Air Blank 0.000 14:56 Cal Check 0.020 14:57 Air Blank 0.000 14:58 Cal Check 0.019 14:58 Air Blank 0.000 14:59 Cal Check 0.020 15:00 Air Blank 0.000 15:00 Cal Check 0.019 15:01 Air Blank 0.000 15:01 Cal Check 0.020 15:02 -Air Blank 0.000 15:02 Cal Check 0.020 15:03 Air Blank 0.000 15:04 Cal Check 0.020 15:04 Air Blank 0.000 15:05 Cal Check Stats 0.0196 Rverage

Random Samples of Lot Number 19050 Alcohol Reference Solution for Simulator were analyzed by chromatography on February 5, 2019, using a Perkin Elmer Gas gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.0236% (w/vol) ethyl alcohol. The expiration date for this lot number is February 4, 2021 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.

rator's Signature

0.0005

2,6345

Ted L. Pauley, President GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN08031603 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

Certificate o	f Analysis – Wet Bath	
7/22/2020	0.040 Labeligd target-value (g/210L)	
20060	16.040	
Christopher Rap	Acra e tat result (g/240).	LABORATORIES, INC.
BOT Technician Name and Signatur		BRT Form 6.0

suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

SN 80-003400

14:57

Time

14:57

14:58

14:59

14:59

15:00

15:01

15:01

15:02

15:02

15:03

15:04

15:04

15:05

15:06

15:06

15:07

15:07

15:08

15:09

15:09

15:10

# CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 20060 of

Alcohol Reference Solution for Simulator were analyzed by
gas chromatography on February 11, 2020, using a Perkin Elmer Gas
Chromatograph Autosystem XL S/N: 610N9030209, and found to contain
0.0483% (w/vol) ethyl alcohol. The expiration date for this lot
number is February 10, 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 0.040 g/210L +/- 3%.

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

Operator's Signature

ALPHA UNIT SUB

Model 8000

07/22/2020

Test

Air Blank

Cal Check

Air Blank

Std Deu

Cal Check Stats Average

Rel Std Deu(%) 1.3342

Intoxilyzer - Alcohol Analyzer

q/210L

0.000

0.040

0.000

0.039

0.000

0.039

0.000

0.039

0.000

0.039

0.000

0.039

0.000

0.040

0,000

0.040

0.000

0.040

0.000

0.040

0.000

0.0395

0.0005

Ted L. Pauley, President GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN12181501 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.



BORATORIES, INC.

REPROPRIES 1150 JRG, PA 17111-4511 9 TELEPHONE: 717-564-5470

In accordance with BRT – 2.2.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the intoxilyzer 8000.

# CERTIFICATE OF ANALYSIS

ALPHR INSTRUMENT

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-002591 16:18

SN 80-002591 Certified Alcohol Reference Solution for Simulator

Test	g/210L	Time
Air Blank	0.000	16:18
Cal Check	0.099	16:19
Air Blank	0.000	16:20
Cal Check	0.098	16:20
Air Blank	0.000	16:21
Cal Check	0.097	16:22
Air Blank	0.000	16:22
Cal Check	0.098	16:23
Alr Blank	0.000	16:24
Cal Check	0.098	16:24
Air Blank	0.000	16:25
Cal Check	0.098	16:26
Air Blank	0.000	16:26
Cal Check	0.098	16:27
air Blank	0.000	16:27
Cal Check	0.097	16:28
Air Blank -	0.000	16:29
Cal Check	0.098	15:29
Hr Blank	0.000	16:30
:al Check	0.098	16:31
iir Blank	0.000	16:31
:al Check Stats		
Average	0.0979	
Std Dev	0.0005	
Rel Std Dev(%)	0.5798	

Random Samples of Lot Number 20190 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on April 8, 2020, 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 April 6, 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 0.100 g/210L +/- 3%.

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

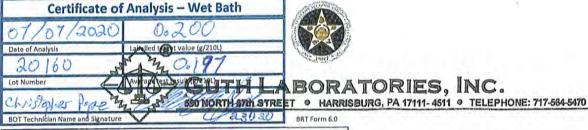
Operator's Signature

Ted L. Pauley, President GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN02271802 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.



In accordance with BRT – 2.2.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

# CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 20160 of
Alcohol Reference Solution for Simulator were analyzed by
gas chromatography on March 20, 2020, using a Perkin Elmer Gas
Chromatograph Autosystem XL S/N: 610N9030209, and found to contain
0.2427% (w/vol) ethyl alcohol/ The expiration date for this lot
number is March 18, 2022 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.200 g/210L +/- 3%.

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

Operator; Signature

LPHA UNIT SUB ntoxilyzer — Alcohol Analyzer

g/210L

0.000

0.196

0.000

0,196

0.000

0.197

0.196

0.000

0.198

0.000

0.198

0.000

0.197

0.000

0.198

0.000

0.198

0.000

0.197

0.000

0.1971

0.0008

0.4442

SN 80-003400

Tine

15:26

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15:29

15:29

15:30

15:31

15:31

15:32

15:33

15:33

15:34

15:35

15:35

15:36

15:37

15:37

15:3B

0008 lebc

7/07/2020

est

ir Blank

al Check

ir Blank

al Check

ir Blank

al Check

ir Blank

al Check

ir Blank

el Check

ir Blank

al Check

ir Blank

al Check

ir Blank

al Check

ir Blank

al Check

ilr Blank

al Check

Hr Blank

Average

Std Deu Rel Std Deu(%)

al Check Stats

Ted L. Pauley, President GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN08101505 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.