

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:

 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:



Board of Tests for Alcohol and Drug Influence Enhancing public safety by ensuing the accuracy and scientific relability of blood and breath testing

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

2/13

BENCH CHECK DATE: 03-05-2021

SERIAL: 80-005070

DOCUMENTATION WITHIN SERVICE PACKET:

- BOT Certificate of Calibration and Operation
- Bench Check
- Bench Check Technician's Report
- BOT Dry Gas Certificate of Analysis
- 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** <u>80-005070,</u> 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.

04-12-10
04-20-10
03-28-12
06-17-13
06-21-13
03-11-14
03-25-16
02-05-18
11-12-19
03-05-21



Presentation of this form certifies that the Intoxilyzer, SN: <u>80-005070</u>, 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 of 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. Once the 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.

Sincerely,

O. pohr HBlikelun

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

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

ENCH CHECK DATE 03/05/2021	TIME PROCEDURE BEGAN	Per la competition de	STRUMENT LOCATION $80 - 00507$	0	
STRUMENT TYPE Intoxilyzer		MODEL		INSTRUMENT SE	
	12.00	TEST RES	SULTS	00 00	
			500		
Diagnosti	ics				
PASS					
Mouth Alcohe	ol Test				
PASS					
RFI Tes	t				
PASS		4.4	hat hat had		
Abort Te	st	Dup	licate Breath	Sampling Re	sults
PASS		Value	Test 1	Test 2	Control Test
Improper Samı PASS		.02	0.017	0.017	0.017
Interferent Det	ect Test	.04	0.036	0.037	0.037
PASS		-			
No Sample Giv	en Test	.10	0.099	0.099	0.099
PASS		.20	0.201	0.198	0.197
Insufficient Sam PASS	1993 S. 1993 S. 200		PA	SS	
Air Blank Contami PASS	nation rest				
Range Exceed	ed Test				
PASS					
		CERTIFYING TI			
I swear under penalt				nstrument I	have complied wit
the Intoxliyzer Bench	h Checking Procedu	ire approved b	by the State of	f Oklahoma.	inave compiled with
IATURE		and the second		DATE	
hite	De	23026	つ	3	15/2021
ME CURTOR	DUED			PERMIT #	000000
APE, CHRISTO	PHER			0000	023020



End Time: 16:05

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

BENCH CHECK TECHNICIAN'S REPORT

Start Time: 15:05

INSTRUMENT ntoxilyzer Model		Coriol #	
8000		Serial #	070
		80-005	070
GAS CANISTER	E	EXP Date	
34520080A1-030		02/05/2	023
REFERENCE		10.00 March 10.00	
	Simulator	Model	
Guth 2100	Guth 2100	Guth 2100	Guth 2100
		rial #	
DR2834	DR3700	DR2455	DR3470
		ntration	1
.02	.04	.10	.20
00070		<u>)T #</u>	1 22322
20070	20060	20190	20160
and the second	the second s	ured Date	
02/13/2020	02/10/2020	04/06/2020	03/18/2020
	Expirat	ion Date	
0011010000	02/10/2022	04/06/2022	03/18/2022
02/13/2022			
02/13/2022	Solution Con	<u>nmission Date</u>	

REASON FOR BENCH CHECK

□ POST REPAIR □ CYLINDER REPLACEMENT

□ TROUBLESHOOTING ⊠ ROUTINE MAINTENANCE

COMMENTS

Date: 03/05/2021

Technician Signature / Permit #

Christopher Pape #23020 Printed Name

Certificate	of Analysis – Dry Gas	A STANDARD
1/21/2021	0.080	
Date of Analysis	Labelled target value (g/210L)	
030	0.081	
Cylinder #	Average test result	
Christopher Pape	sutiture 230ac	
BOT Technician Name and Signatu	re VI	BIT Form F D

ALPHA INSTRUMENT 2 Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-004923 01/21/2021 15:05

q/210L

0.000

0.080

0.000

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15:10

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15:12

15:12

15:13

15:13

15:14

Test

Air Blank

Cal Check

Air Blank

Std Deu

Cal Check Stats Average

Rel Std Deu(%)

referenced dry gas cylinder is suitable for use as an external reference with the intoxilyzer 8000.

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:	13552
Part #:	BAC105
Cylinder Size:	105L
Lot Number:	345200
Expiration:	2/5/20

05L080T* 0080A1 2023

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

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

Component:	Reported Concentration:	Analytical Accuracy (U, k=2):	Analytical Method:
Ethanol	208 ppm	+/-0.002 BAC(G/210L)	NDIR
Nitrogen	Balance	[5.2 ppm]	No our

Distributed by:

1/21/2021

CMI Inc. 316 East Ninth ! Owensboro, KY Phone 866-835www.alcoholtes

Operator 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).

Speciality Gas Lab Tech

01-11-202 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.

7/13

OFFICER'S AFFIDAVIT AND NOTICE OF

8/13

03/05/2021		ARREST TIME		COUNTY 55	(11	CITY	#	(CITATIO	N#		Sect
RREST LOCATION		1000		100	CITY	-		_	_	COUN		262
BOT JBJECT NAME					104	TEOE	BIRTH		lory	California (California)	CLAHC	and the second se
	ON LEVER	INE					09/1	961	SEX		HEIGHT) 165
DDRESS 3600 MARTIN	LUTHER	KING A	CITY OKT.A	HOMA	OTTV			5	OK		ZIP COD 731	
RIVER LICENSE #	Ботпыс	RING H	ORDA	EXPIRATION	DATE		STATE	CLAS		REST		ENDORSEME
T083454871 HICLE MAKE		hionsi		06/30	0/201	and the second s	OK	A	1.17			М
MOCK		MODEL	К			M	JCK			OK	CMV N	PLACARD N
Iluence of alcohol and/or other int escribe driving behavior or circun MOCK SUBJECT I escribe person's condition (odor, a ROUTINE MAINTE	istances): 'EST ctions, etc.):		EW CYLINDER				_					
EATH-ALCOHOL ANALYSIS RI DUIPMENT $\Gamma = 8000$		THE PERSON F THE PERSON NAME SERIA	WAS INFORMED OF TH D IN SECTION 1 ABOVE, L NUMBER S	IE IMPLIED CO	EST AND MA		ANCE RE	CORD.				Secti
TANDARD			TARGET VALUE	DOMICD	PERMIT N	UMBER		_				_
Dry			0.080		DATE CYL		INSTALL	0	lov	TE OVI IN	DER EXPIRE	0
ILMO			345200	80A1	03/0	05/	202	1			5/202	
1540 03	05/2021	MOUTHPIECE	A 15-minute		r) depriva	ation	observation	ation				
ESULT TABLE	00/2021		period wa	s observed	prior to a	and c	ontinui				HE S	TAN
Test	g/210L	Time	to th	e time of to	est admin	istrat	tion.	_	1	68	** * 1*	ALE A
Air Blank	0.00	15.50	I administer	ed said I	Breath	Alec	hal T	act in		24	* /	***
Subject Test	0.00	15:58 15:59					01101.01	2,711,010		8	OAU	A REAL
	1.773 LITER	S	compliance						1.	5 **	AL AL	14++
Air Blank Wait	0.00	15:59 16:01	procee	lure of th	e Board	tot	Tests.			E +		** 0
Air Blank	0.00	16:01	(11stil	23R	120	20	20			121.	4	
	0.00	16:02	SIGNATURE OF C	PERATOR	æ	-0		_		1	1907	/
Breath Volume Air Blank	2.054 LITER 0.00	S 16:03	SISTERIOSE OF C									5
	0.08	16:03	NAME	And the second					1		Test Re	sult
Air Blank	0.00	16:04	PAPE, CHR BADGE #	ISTOPHE	ER						BrAC g/	
			00000004	84		002	3020)			12000	
			AGENCY BOARD OF	TRATA							0.0	0
and a second	ROM DATE SERV	ED. Notice of Revoc	ation is given that your	driver's license	e is revoked	or den	ied for a p	eriod of	one hur	ndred eight	y (180)	Secti
FECTIVE THIRTY (30) DAYS	ed the state's test(In addition, your co 04 or more while oper 	ommercial driving privile ating a commercial moto in which you were arre	ge in this state	will be disqu u may appea ition must be	alified al any D	if you refu Departmen	ised or fa ital action	ailed the n agains	state's tes st your driv	t(s) er license	y prevent a

and the second sec	the second se	STOPHER		BOARD OF	TESTS		
BADO O (3E 000000484	AGENCY ADDRESS				4054252460	
OTH	IER WITNESSES:			The second s			Section 5
1	NAME		TITLE	ADDRESS		PHONE	
2	NAME		TITLE	ADDRESS		PHONE	

No Temporary License Issued: Test Below Legal Limit

OFFICER/DPS COPY BOT Form AFF01 03/2020

OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

9/13

03/05/2021		EST TIME		55	ŧ	CITY #	CIT	ATION #			
ARREST LOCATION				1.0	CITY	1			COUNT	LAHON	AT IN
SUBJECT NAME	LON LEVERN	IE			D	TE OF BIRTH	61	SEX	RACE	HEIGHT	WEIGHT
DDRESS 3600 MARTIN			CITY OKT.AI	HOMA C	1.1.1.1.1	50/05/15	STA		1.44	ZIP CODE	1.000
T083454871	BOIMER N	ING A		EXPIRATION D 06/30	ATE	STATE	CLASS	/K	RESTRI		NDORSEM
HICLE MAKE MOCK	11111	MODEL		06/30	/201	9 OK TAG # MOCK	A		ATE	CMV P	
In the above date, time, and loc- ighway, street, turnpike, public p ifluence of alcohol and/or other Describe driving behavior or circo MOCK SUBJECT escribe person's condition (odor	arking lot, or other public p ntoxicaling substances as umstances): TEST	lace, or upon a private	I had reasonable ground road, street, alley or lane	Is to believe the	person wa access to	s driving or in actual p one or more single or	hysical c multi-fan	ontrol of hily dwelli	a motor ve ing within I	hicle upon a his state whi	public road. le under the
ROUTINE MAIN'I	ENANCE, INS	THE PERSON W	and the second se	and LOG OF TE			RD.	_			Secti
I-8000			005070 1	BOARD		ESTS					
TANDARD Dry			0.080		PERMIT N						
ANUFÁCTURER			LOT # 345200	0071	DATE CY	INDER INSTALLED	-			REXPIRES	
BSERVATION START TEST	DATE /05/2021	MOUTHPIECE G	A 15-minute	(or greater)) depriv	ation/observati and continuing			2/05	/202	3
Test Air Blank Subject Test Breath Volume Air Blank Wait Air Blank Subject Test Breath Volume Air Blank Cal Check	g/210L 0.00 0.00 1.773 LITERS 0.00 0.00 2.054 LITERS 0.00 0.08	Time 15:58 15:59 16:01 16:02 16:02 16:03 16:03	I administer compliance procedu SIGNATURE OF OF	with the ure of the	reath- applic Boar	Alcohol Tes	0.035.7	(NAR INTE	1907 Cest Res	
Air Blank	0.00	16:04	BADGE #	ISTOPHE	PERMIT #		-			AC g/2	
			00000004 GENCY BOARD OF		000	0023020	-		(0.0	0
FECTIVE THIRTY (30) DAY bys or more, if you refused or perating a CMV or CDL holde a result of this arrest by filing you may be eligible to partici vocation as a result of this quest IDAP within thirty (30 ERVING OF NOTICE: I ccountability Program to ate served: 03/05 accordance with Title 1:	roled the state's test(s), r) OR a test result of .04 a petition in the District pate in the Impaired Dr arrest from appearing of days of the date lister personally hand del the person named i 5/2021	Notice of Revocat In addition, your com or more while operati Court of the County in iver Accountability F on your driving recoi I below. Mail the red ivered a copy of the n Section 1 above gnature of officer:	ion is given that your of mercial driving privileg- ng a commercial motor which you were arress Program (IDAP) admit d. Participation in ID quest for IDAP to the ne above containing t.	driver's license e in this state v r vehicle. You ted. Your petit nistered by the AAP may redu Department o ng the Notice	vill be disq may apper ion must b a Departm ce the am f Public S a of Revo	ualified if you refuse al any Departmental e filed within thirty (2 rent of Public Safet ount of fees you w afety at P.O. Box 1 iscation and the N	d or faile action a 30) days ty (DPS) ill be red 1415, Ol lotice c	ed the st against y of the d . Comp quired t klahoma of Depa	ate's test(our driver ate listed letion of o pay to a City, Of artment	s) license below. IDAP may the State. * < 73136. Impaired	You must
ate: 03/05/202						ure of arresting		1.00			
AME	STOPHER			BOARD		TESTS					
	AGENCY ADDRESS				~						

ARRESTEE'S COPY BOT Form AFF02 03/2020

Certificate or	f Analysis – Wet Bath		
8/11/2020	0.020		
Date of Analysis	Labellad tar Edvalue (g/2101)		
20070	220	AND THE PARTY OF	
Lot Number 🤄	Aver south replit (2991 JAC B	ABORATORIES,	INC.
christopher Pd.		HARRISBURG, PA 17111- 4511	
BOT Technician Name and Signature		BRT Form 5.0	

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

RLPHA INSTRUMENT 2 Intoxilyzer - Alcohol Analyzer Nodel 8000 SN 80-0 08/11/2020

g/210L

0.000

0.020

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2,3569

Test Air Blank

Cal Check

Air Blank

Std Dev

Cal Check Stats Average

Rel Std Deu[2]

SN 80-004923 09;42

Time

09:42

09:43

09:43

09:44

19:45

09:45

09:46

09:47

09:47

09:48

09:48

09:49

09:49

09:50

09:51

09:51

09:52

09:53

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09:54

Certified Alcohol Reference Solution for Simulator

CERTIFICATE OF ANALYSIS

Random Samples of Lot Number 20070 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on February 17, 2020, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.0242% (w/vol) ethyl alcohol. The expiration date for this lot number is February 13, 2022 at 11:59 PM.

10/13

KCV 1/2020

When used in a calibrated Simulator, operating at $34^{\circ}C$ +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.020 g/210L +/- 3%.

perator's Signature

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.

Certificate	e of Analysis – Wet Bath		
7/22/202	0 0.040	The second s	
Date of Analysis	Labelled target value (g/210L)		
20060	0.040	Wind Inthe State	
Lot Number	Avora e tat result (8/2101)		10
histopher l	PERSON	ABORATORIES, IN	
OT Technician Name and Sign	and a second sec	BRT Form 6.0	
ut nor	2.2.0, Maintenance, the above refer	anced elevistor solution is	

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

ALPHA UNIT SUB Intoxilyzer - Alcohol Analyzer Hode1 8000 SN 80-003400 07/22/2020 14:57

g/210L

0.000

0.040

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Time

14:57

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15:04

15:05

15:06

15:06

15:07

15:07

15:08

15:09

15:09

15:10

Test

Air Blank

Cal Check

Air Blank

Average Std Dev

Cal Check Stats

Rel Std Dev(%)

RCVD 6/1/20 Random Samples of Lot Number 20060 Alcohol Reference Solution for Simulator were analyzed by chromatography on February 11, 2020, using a Perkin Elmer Gas 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.

of

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 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.

Operator's Signature

11/13

Certificate	Of Analysis - wet bath		
06/16/20	,100		10/10
Date of Analysis	Labelled target value (g/210L)		12/13
20190 at Number	Average test result (g/210L)	and the state of the	
or South	Old State of	BORATORIES, INC.	
BOT Technician Name and Signa	ture ture at the second	NET TRATE AND NISE JRG. PA 17111- 4511 9 TELEPHONE: 717-564-5470	
In accordance with BRT – 2	2.2.0, Maintenance, the above referenced si	mulator solution is	
suitable for use as an exter	nal reference in maintenance of the intoxilyz	er 8000.	TEC
			11.1

CERTIFICATE OF ANALYSIS

ALPHA INSTRUMENT		
Intoxilyzer - Alcohol	Analyzer	a
Model 8000	SN 80-002591	Certified
06/16/2020	16:18	

-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
Air 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
Jal Check	0.098	16:29
IIr Blank	0.000	16:30
:al Check	0.098	15:31
lir Blank	0.000	16:31
al Check Stats		
Average	0.0979	
Std Dev	0.0005	
Rel Std Deu(%)	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 $34^{\circ}C$ +/- .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 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.

Certificate of Analys	is — Wet Bath			· · · ·
01/07/2020 0	0200			
Date of Analysis	t value (g/210L)			
20160 23	00197	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
Lot Number	COTHL	ABORA'	TORIES,	INC.
Christopher Pape 4	STO NORTH STIL STR			• TELEPHONE: 717-564-5470
BOT Technician Name and Signature	- UP 23030	BRT Form 6.0		
In accordance with BRT – 2.2.0, Maintena suitable for use as an external reference in				

CERTIFICATE OF ANALYSIS

12020

Certified Alcohol Reference Solution for Simulator

ntoxilyzer - Alcohol Analy xdel 8000 Y07/2020			5N 80-003400 15;25		
st	g/210L		Tine		
r Blank	0.000		15:26		
I Check	0,196		15:26		
* Blank	0.000		15:27		
Check	0.196		15:28		
Blank	0.000		15:28		
Check	0.197		15:29		
• Blank	0.000		15:29		
Check	0.196		15:30		
Blank	0.000		15:31		
Check	0.198		15:31		
Blank	0. D00		15:32		
Check	0,198		15;33		
Blank	0.000		15:33		
Check	0,197		15:34		
Blank	0.000 .		15:35		
Check	0.198		15:35		
Blank	0.000		15:36		
Check	0.198		15:37		
Blank	0.000		15:37		
Check	0,197		15:38		
Blank	0.000		15:38		
Check Stats					
erage .	0.1971				
d Deu	8000.0				
1 Std Deu(%)	0.4442	•			

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 $34^{\circ}C$ +/- .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 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.

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