

Service Overview

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



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

BENCH CHECK DATE: 06-08-2017

SERIAL: 80-004879

DOCUMENTATION WITHIN SERVICE PACKET:

- BOT Certificate of Calibration and Operation
- CMI Certificate of Calibration 04-20-2017
- 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)

Certificate of Calibration

This is to certify the calibration of **Intoxilyzer**® serial number 80-004879, 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 April 20, 2017 Signed [Signature]
Technician



316 East 9th Street
Owensboro, KY 42303
USA

Part No. 650517 Rev.A

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,



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

**STATE OF OKLAHOMA - DEPARTMENT OF PUBLIC SAFETY
CMI INTOXILYZER BENCH CHECK PROCEDURE REPORT**

BENCH CHECK DATE 06/08/2017	TIME PROCEDURE BEGAN 12:59	INSTRUMENT LOCATION 80-004879
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-004879

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

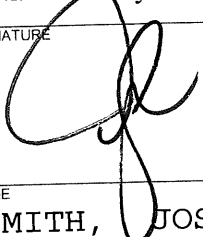
Duplicate Breath Sampling Results

Value	Test 1	Test 2	Control Test
.02	0.018	0.017	0.019
.04	0.036	0.036	0.037
.10	0.097	0.096	0.097
.20	0.198	0.194	0.196

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 06/08/2017
NAME SMITH, JOSHUA	PERMIT # 0000016837



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

BENCH CHECK TECHNICIAN'S REPORT

Date: 06 / 08 / 17 Start Time: 1250 End Time: 1920

INSTRUMENT

Intoxilyzer Model 8000 Serial # 80-004879

GAS CANISTER

LOT # 09117080A2 # 014 EXP Date 6-5-2019

REFERENCE

Simulator Model			
Guth 2100	Guth 2100	Guth 2100	Guth 2100
Serial #			
DR3591	DR3753	DR3594	DR3754
Concentration			
.02	.04	.10	.20
LOT #			
16400	16320	15220	15240
Manufactured Date			
12-12-2016	10-21-2016	09-28-2015	11-11-2015
Expiration Date			
12-12-2018	10-21-2018	09-28-2017	11-11-2017
Solution Commission Date			
<u>5-30-17</u>	<u>5-30-17</u>	<u>5-30-17</u>	<u>6-8-17</u>

REASON FOR BENCH CHECK

- POST REPAIR
 CYLINDER REPLACEMENT
 TROUBLESHOOTING
 ROUTINE MAINTENANCE

COMMENTS

[Signature] 16837
 Technician Signature / Permit #

Josh Smith
 Printed Name

Certificate of Analysis – Dry Gas	
06/02/17	0.080
Date of Analysis	Labelled target value (g/210L)
014	0.0801
Cylinder #	Average test result
Josh Smith	
BOT Technician Name and Signature	



BRT Form 5.0
ISO/IEC 17025:2005 Accredited Laboratory

In accordance with BOT Policy and Procedure Statement BRT-2.1.0, Maintenance, the above referenced dry gas cylinder is suitable for use as an external reference with the Intoxilyzer 8000.

ALPHA INSTRUMENT 2
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004923
 06/02/2017 14:49

Test	g/210L	Time
Air Blank	0.000	14:49
Cal Check	0.081	14:50
Air Blank	0.000	14:50
Cal Check	0.080	14:50
Air Blank	0.000	14:51
Cal Check	0.080	14:51
Air Blank	0.000	14:52
Cal Check	0.080	14:52
Air Blank	0.000	14:53
Cal Check	0.080	14:53
Air Blank	0.000	14:53
Cal Check	0.080	14:53
Air Blank	0.000	14:54
Cal Check	0.080	14:54
Air Blank	0.000	14:55
Cal Check	0.080	14:55
Air Blank	0.000	14:55
Cal Check	0.080	14:55
Air Blank	0.000	14:56
Cal Check	0.080	14:56
Air Blank	0.000	14:57
Cal Check	0.080	14:57
Air Blank	0.000	14:57
Cal Check Stats		
Average	0.0801	
Std Dev	0.0003	
Rel Std Dev(%)	0.3947	

Certificate of Analysis

Certificate ID: 10144
 Part #: BAC105L080T
 Cylinder Size: 105L
 Lot Number: 09117080A2
 Expiration: 6/5/2019

Rec'd
 06/01/2017
[Signature]

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

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

Component:	Concentration:	Accuracy:	Method:
Ethanol	208 ppm	+/- 0.002 or 2%	NDIR
Nitrogen	Balance	BAC whichever is greater	

[Signature]
 Operator's Signature 16837

*NIST Standard Reference Material
 Cylinder No. CC 274507 / Job No. 09160309
 Certified 362.2 µmol/mol Ethanol in Nitrogen
 for ILMO Products Co., Jacksonville, IL

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

[Signature]
 Specialty Gas Lab Tech

04/25/17
 Date



Distributed by:

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

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.

(Note: please ship items in their original shipping container(s) or a similar protective box.)

1. Contact information: Customer Number **731362** (contact Customer Service)
Name: **Board of Tests** Phone: **(405) 425 2460**
Fax: **(405) 425 2490** Email: **bot@dps.state.ok.us**

2. Bill to Address: **Board of Tests** Ship to Address: **Board of Tests**
 3600 N ML King, Bldg 9 **3600 N ML King, Bldg 9**
 OKC, OK 73111 **OKC, OK 73111**

3. Serial Number: **80-004879** Instrument Model: **Intoxilyzer 500 / 8000**

4. Detailed Description of Problem:
DVM's appear to be flipped from what is normally seen. Agency that had unit reported it was rebooting itself during breath tests. Flow sensor is getting low enough, request its replacement.

Hazardous Material Warning! - DO NOT return gas cylinders with instrument!

I Authorize Repairs Up To: All \$250 \$500 \$750 Other \$ _____
Purchase Order Number (attach a copy of P.O. if applicable) _____

Authorized By:

Ship to:

Joshua Smith

Breath Alcohol Testing
Program Administrator

Name (Please Print)

Title

CMI, Inc

Signature

01/20/2017

Date

Attn: Service Dept.

316 East Ninth Street

Owensboro, KY 42303

Call: 405-425-2460 fax 405-425-2490

No, please send estimate before repairs are made.

Note: An estimate will be faxed before performing any repairs and may cause delays in service.
An evaluation fee (\$79.00 or actual costs) will apply to estimates that are not repaired.

OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

Section 1

ARREST DATE 06/08/2017		ARREST TIME 1430		COUNTY # 55	CITY # 44	CITATION # MOCK	
ARREST LOCATION MOCK				CITY		COUNTY OKLAHOMA	
SUBJECT NAME MOCK, SUBJECT TEST				DATE OF BIRTH 08/09/1961	SEX M	RACE W	HEIGHT 510
ADDRESS 3600 MARTIN LUTHER KING A				CITY OKLAHOMA CITY		STATE OK	ZIP CODE 73133
DRIVER LICENSE # T083454871		EXPIRATION DATE 06/30/2019	STATE OK	CLASS A	RESTRICTIONS NONE	ENDORSEMENTS N	
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. POST REPAIR. NEW GAS CANISTER INSTALLED.

Describe person's condition (odor, actions, etc.):
NONE

THE PERSON WAS INFORMED OF THE IMPLIED CONSENT TEST REQUEST

Section 2

BREATH-ALCOHOL ANALYSIS RECORD, REPORT OF THE PERSON NAMED IN SECTION 1 ABOVE, and LOG OF TEST AND MAINTENANCE RECORD.

EQUIPMENT I-8000		SERIAL NUMBER 80-004879	SPECIALIST BOARD OF TESTS																																						
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 16837																																						
MANUFACTURER ILMO		LOT # 09117080A2	DATE CYLINDER INSTALLED 06/08/2017	DATE CYLINDER EXPIRES 06/05/2019																																					
OBSERVATION START 1500	TEST DATE 06/08/2017	MOUTHPIECE G	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																																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.00</td><td>15:23</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>15:23</td></tr> <tr><td>Breath Volume</td><td>2.312 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>15:23</td></tr> <tr><td>Wait</td><td></td><td>15:25</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>15:26</td></tr> <tr><td>Subject Test</td><td>0.00</td><td>15:26</td></tr> <tr><td>Breath Volume</td><td>1.347 LITERS</td><td></td></tr> <tr><td>Air Blank</td><td>0.00</td><td>15:27</td></tr> <tr><td>Cal Check</td><td>0.07</td><td>15:27</td></tr> <tr><td>Air Blank</td><td>0.00</td><td>15:28</td></tr> </tbody> </table>					Test	g/210L	Time	Air Blank	0.00	15:23	Subject Test	0.00	15:23	Breath Volume	2.312 LITERS		Air Blank	0.00	15:23	Wait		15:25	Air Blank	0.00	15:26	Subject Test	0.00	15:26	Breath Volume	1.347 LITERS		Air Blank	0.00	15:27	Cal Check	0.07	15:27	Air Blank	0.00	15:28	 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"> Test Result BrAC g/210L 0.00 </td> </tr> </table>
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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. To appeal the driver's license revocation/disqualification, the Department of Public Safety must receive your written request for an Administrative Hearing **within fifteen (15) days from the date you received notice of revocation or disqualification**. Submit your **written** request in person at 3600 N. MLK Ave. or by mail to Legal Division, Department of Public Safety, P.O. Box 11415, OKC, OK, 73136

SERVING OF NOTICE: I personally hand-delivered a copy of the above containing the Notice of Revocation to the person named in Section 1 above.
Date served: **06/08/2017** 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: **06/08/2017** Place (location when signed): _____ Signature of arresting officer: _____

NAME SMITH, JOSHUA		AGENCY BOARD OF TESTS	
BADGE 0000000435	AGENCY ADDRESS INTER-AGENCY	ZIP CODE 00000	PHONE "4054252460"

Section 5

OTHER WITNESSES:

	NAME	TITLE	ADDRESS	PHONE
1				
2				

No Temporary License Issued:
Test Below Legal Limit

OFFICER/DPS COPY
BOT Form AFF01 07/2008

OFFICER'S AFFIDAVIT AND NOTICE OF REVOCATION/DISQUALIFICATION

Section 1

ARREST DATE 06/08/2017		ARREST TIME 1430		COUNTY # 55	CITY # 44	CITATION # MOCK			
ARREST LOCATION MOCK					CITY		COUNTY OKLAHOMA		
SUBJECT NAME MOCK, SUBJECT TEST					DATE OF BIRTH 08/09/1961	SEX M	RACE W	HEIGHT 510	WEIGHT 165
ADDRESS 3600 MARTIN LUTHER KING A					CITY OKLAHOMA CITY		STATE OK		ZIP CODE 73133
DRIVER LICENSE # T083454871					EXPIRATION DATE 06/30/2019	STATE OK	CLASS A	RESTRICTIONS NONE	ENDORSEMENTS N
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. POST REPAIR. NEW GAS CANISTER INSTALLED.

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

NONE

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 80-004879	SPECIALIST BOARD OF TESTS																																					
STANDARD Dry		TARGET VALUE 0.080	PERMIT NUMBER 16837																																					
MANUFACTURER ILMO		LOT # 09117080A2	DATE CYLINDER INSTALLED 06/08/2017	DATE CYLINDER EXPIRES 06/05/2019																																				
OBSERVATION START 1500	TEST DATE 06/08/2017	MOUTHPIECE G	<p style="text-align: center;">A 15-minute (or greater) deprivation/observation period was observed prior to and continuing to the time of test administration.</p> <p style="text-align: center;">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>																																					
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SERVING OF NOTICE: I personally hand-delivered a copy of the above containing the Notice of Revocation to the person named in Section 1 above.

Date served: **06/08/2017** 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."

Date: **06/08/2017** Place (location when signed): _____ Signature of arresting officer: _____

NAME SMITH, JOSHUA		AGENCY BOARD OF TESTS	
BADGE 0000000435	AGENCY ADDRESS INTER-AGENCY	ZIP CODE 00000	PHONE "4054252460"

No Temporary License Issued:
Test Below Legal Limit

ARRESTEE'S COPY
BOT Form AFF02 07/2008

Certificate of Analysis - Wet Bath	
05-05-17	.020
Date of Analysis	Labelled target value (g/210L)
16400	.0195
Lot Number	Average test result (g/210L)
Josh Smith	
BOT Technician Name and Signature	



GUTH LABORATORIES, INC.
 18, PA 17111-4511 • TELEPHONE: 717-564-5470

BRT Form 5.0

In accordance with BRT - 2.1.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

CERTIFICATE OF ANALYSIS

INTOXILYZER 8000
 Instrument Initialization
 8133.12
 14:48 05/05/2017

Certified Alcohol Reference Solution for Simulator

Rec'd
 4/01/2017
 #16837

Random Samples of Lot Number 16400 of

Alcohol Reference Solution for Simulator were analyzed by gas chromatography on December 13, 2016, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain

ALPHA INSTRUMENT 2
 Intoxilyzer - Alcohol Analyzer
 Model 8000
 05/05/2017

SN 80-004923
 14:56

0.0241% (w/vol) ethyl alcohol. The expiration date for this lot number is December 12, 2018 at 11:59 PM.

Test	g/210L	Time
Air Blank	0.000	14:57
Cal Check	0.020	14:58
Air Blank	0.000	14:58
Cal Check	0.020	14:59
Air Blank	0.000	14:59
Cal Check	0.019	15:00
Air Blank	0.000	15:01
Cal Check	0.020	15:01
Air Blank	0.000	15:02
Cal Check	0.020	15:03
Air Blank	0.000	15:03
Cal Check	0.020	15:04
Air Blank	0.000	15:04
Cal Check	0.019	15:05
Air Blank	0.000	15:06
Cal Check	0.019	15:06
Air Blank	0.000	15:07
Cal Check	0.019	15:08
Air Blank	0.000	15:08
Cal Check	0.019	15:09
Air Blank	0.000	15:09
Cal Check Stats		
Average	0.0195	
Std Dev	0.0005	
Rel Std Dev(%)	2.7026	


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
 Ted L. Pauley, President
 GUTH LABORATORIES, INC.

NIST Traceability:
 Testing was conducted using Cerilliant Reference Standard lot number FN11241503 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.

#16837

Certificate of Analysis - Wet Bath	
3-8-2017	.040
Date of Analysis	Labelled target value (g/210L)
16320	.0409
Lot Number	Average test result (g/210L)
Josh Smith 	
BOT Technician Name and Signature	



GUTH LABORATORIES, INC.
 BURG, PA 17111-4511 • TELEPHONE: 717-564-5470

BRT Form 6.0

In accordance with BRT - 2.1.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

CERTIFICATE OF ANALYSIS

REC'D
 03/01/17

 #16837

Certified Alcohol Reference Solution for Simulator

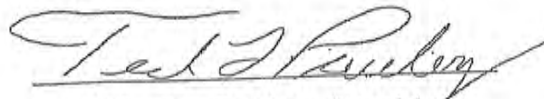
Random Samples of Lot Number 16320 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 25, 2016, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.0495% (w/vol) ethyl alcohol. The expiration date for this lot number is October 21, 2018 at 11:59 PM.

ALPHA INSTRUMENT 2
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004923
 03/08/2017 11:16

Test	g/210L	Time
Air Blank	0.000	11:16
Cal Check	0.041	11:17
Air Blank	0.000	11:17
Cal Check	0.041	11:18
Air Blank	0.000	11:19
Cal Check	0.040	11:19
Air Blank	0.000	11:20
Cal Check	0.041	11:21
Air Blank	0.000	11:21
Cal Check	0.041	11:22
Air Blank	0.000	11:22
Cal Check	0.041	11:23
Air Blank	0.000	11:24
Cal Check	0.041	11:24
Air Blank	0.000	11:25
Cal Check	0.040	11:26
Air Blank	0.000	11:26
Cal Check	0.042	11:27
Air Blank	0.000	11:27
Cal Check	0.041	11:28
Air Blank	0.000	11:29
Cal Check Stats		
Average	0.0409	
Std Dev	0.0005	
Rel Std Dev(%)	1.3878	

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.


 #16837

NIST Traceability:
 Testing was conducted using Cerilliant Reference Standard lot number FNI218501 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 Analysis - Wet Bath	
Date of Analysis	12-12-2016
Labelled target value (g/210L)	1.100
Lot Number	15220
Average test result (g/210L)	1.0999
SOIT Technician Name and Signature	Josh Smith
Lot Number	16837

BRT Form 6.0
 In accordance with BRT - 2.1.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

GUTH LABORATORIES, INC.

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CERTIFICATE OF ANALYSIS

REC'D
 11-4-2015
 #16837

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 15220 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 30, 2015, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1214% (w/vol) ethyl alcohol. The expiration date for this lot number is September 28, 2017 at 11:59 PM.

Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-002591
 12/12/2016 14:04

Test	g/210L	Time
Air Blank	0.000	14:04
Cal Check	0.100	14:05
Air Blank	0.000	14:05
Cal Check	0.100	14:06
Air Blank	0.000	14:07
Cal Check	0.100	14:07
Air Blank	0.000	14:08
Cal Check	0.100	14:09
Air Blank	0.000	14:09
Cal Check	0.099	14:10
Air Blank	0.000	14:10
Cal Check	0.100	14:11
Air Blank	0.000	14:12
Cal Check	0.100	14:12
Air Blank	0.000	14:13
Cal Check	0.100	14:14
Air Blank	0.000	14:14
Cal Check	0.100	14:15
Air Blank	0.000	14:16
Cal Check	0.100	14:16
Air Blank	0.000	14:17
Cal Check Stats		
Average	0.0999	
Std. Dev	0.0003	
Rel. Std. Dev (%)	0.3165	

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
 Ted L. Pauley, President
 GUTH LABORATORIES, INC.

NIST Traceability:
 Testing was conducted using Cerilliant Reference Standard lot number FN08051301 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.

12-12-16



BRT Form 6.0

In accordance with BRT - 2.1.0 Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer-8000.

Certificate of Analysis - Wet Bath	
12-12-16	.200
Date of Analysis	Labelled target value (g/210L)
15240	.2006
Lot Number	Average test result (g/210L)
Ted L. Pauley #16837	
BRT Technician Name and Signature	

GUTH LABORATORIES, INC.

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CERTIFICATE OF ANALYSIS

Rec'd
11-4-2015
#16837

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 15240 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on November 12, 2015, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.2418% (w/vol) ethyl alcohol. The expiration date for this lot number is November 11, 2017 at 11:59 PM.

ALPHA INSTRUMENT
Intoxilyzer - Alcohol Analyzer
Model 8000
12/12/2016
SN 80-002591
13:42

Test	g/210L	Time
Air Blank	0.000	13:42
Cal Check	0.202	13:43
Air Blank	0.000	13:43
Cal Check	0.201	13:44
Air Blank	0.000	13:45
Cal Check	0.201	13:45
Air Blank	0.000	13:46
Cal Check	0.201	13:47
Air Blank	0.000	13:47
Cal Check	0.200	13:48
Air Blank	0.000	13:49
Cal Check	0.200	13:49
Air Blank	0.000	13:50
Cal Check	0.201	13:51
Air Blank	0.000	13:51
Cal Check	0.200	13:52
Air Blank	0.000	13:52
Cal Check	0.199	13:53
Air Blank	0.000	13:54
Cal Check	0.201	13:54
Air Blank	0.000	13:55
Cal Check Stats		
Average	0.2006	
Std Dev	0.0008	
REL Std Dev(%)	0.4203	

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 FN03211401 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.

12-12-16