



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**  
 By Tracy Crews at 9:02 am, Mar 06, 2023

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 108263	NAME OF AGENCY Woodson Terrace (MSC)	DATE OF INSPECTION 02/27/2023
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LOCATION OF INSTRUMENT (STREET AND CITY) 1200 South Holden St. Warrensburg Mo 64093	TIME OF INSPECTION 10:40 am
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**CHECKLIST:** Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

- DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>34.00</u> EXP. DATE <u>06/23/2023</u>
<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C)	SIM. SN _____ SIM. NIST EXP DATE _____

CALIBRATION CHECK – (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)  
 Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

- 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
- 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
- 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 • .099	TEST 2 • .099	TEST 3 • .096
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RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  
 (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	(0-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Calibration adjustment, placed 9v battery and printer battery

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Matthew Bond
TYPE II PERMIT NUMBER/EXPIRATION DATE 210195 09/02/2023	TELEPHONE NUMBER (660) 543-4597

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AS IV Serial no: 108263  
Version no: 532B

TEST RECORD 00656

Temp Date Time 210L

Air Blank:  
02/27/23 09:47 .000  
Calibration Check:  
23 02/27/23 09:47 .100

Subject Name

CAL

Subject I.D.

A.J.

Operator Name, I.D.

MATT BOND 210195

Location 9-2-2023

MSC

AS IV Serial no: 108263  
Version no: 532B

TEST RECORD 00666

Temp Date Time 210L

Air Blank:  
02/27/23 10:40 .000  
Calibration Check:  
23 02/27/23 10:40 .099

Subject Name

TEST

Subject I.D. #1

Operator Name, I.D.

MATT BOND 210195

Location 9-2-2023

MSC

AS IV Serial no: 108263  
Version no: 532B

TEST RECORD 00667

Temp Date Time 210L

Air Blank:  
02/27/23 10:41 .000  
Calibration Check:  
23 02/27/23 10:41 .099

Subject Name

TEST

Subject I.D. #2

Operator Name, I.D.

MATT BOND 210195

Location 9-2-2023

MSC

AS IV Serial no: 108263  
Version no: 532B

TEST RECORD 00668

Temp Date Time 210L

Air Blank:  
02/27/23 10:43 .000  
Calibration Check:  
24 02/27/23 10:43 .096

Subject Name

TEST

Subject I.D.

#3

Operator Name, I.D.

MATT BOND 210195

Location 9-2-2023

MSC

AS IV Serial no: 108263  
Version no: 532B

TEST RECORD 00669

Temp Date Time 210L

VOID: RFI  
12 02/27/23 10:44

Subject Name

TEST

Subject I.D.

RFI

Operator Name, I.D.

MATT BOND 210195

Location 9-2-2023

MSC

AS IV Serial no: 108263  
Version no: 532B

TEST RECORD 00670

Temp Date Time 210L

Air Blank:  
02/27/23 10:46 .000  
Subject Test: auto  
25 02/27/23 10:46 .000

Subject Name

Blank

Subject I.D.

TEST

Operator Name, I.D.

MATT BOND 210195

Location 9-2-2023

MSC



Airgas USA LLC (LAB)  
 3500 Bernard Street  
 St. Louis, Mo. 63103  
 Ph: (314) 533-3100  
 Fax: (314) 533-7328

## Certificate of Analysis

**Customer Name**

*Exclusive Supplier*  
 Intoximeters, Inc.  
 2081 Craig Road  
 St. Louis, Mo 63146

**Test Date:** 23-Jun-2021

**Lot # AG117403 Model 108cacc**

<b><u>Exp. Date</u></b> 23-Jun-2023	<b><u>Cyl. Type</u></b> 108	<b><u>Component</u></b> Ethanol Nitrogen	<b><u>Certified Concentration</u></b> 0.100 ± 2% BrAC (272 ppm) Balance
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**Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:**

<u>RGM Serial No.</u>	<u>Concentration</u>	<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

**Analytical Method:**      **NDIR**

Digitally signed by Quality Control  
 Date: 2021.06.24 11:40:09 -05:00  
 Reason: Dry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)

Approved for Release: \_\_\_\_\_

Rod Marsala

**ISO 17025:2017 A2LA accredited. Certificate Number 3082.06**  
**ISO 17034:2016 A2LA accredited. Certificate Number 3082.07**



# 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 **21380** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 15, 2021**, 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 13, 2023** at 11:59 PM.

When used in a calibrated Simulator, operating at  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ , this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L  $\pm$  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.*



STATE OF MISSOURI  
 DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 BREATH ALCOHOL PROGRAM

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**PERMIT**  
**TYPE II**  
**MATT B. BOND**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**INTOX DMT, INTOXILYZER 8000, INTOX EC/IR II, ASIV W/PRINTER**

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 9/2/2021

NUMBER 210195

EXPIRES 9/2/2023

*Laura Q. Wag*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Donald A. Kamm*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES