



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

**RECEIVED**

By Tracy Crews at 1:09 pm, Mar 03, 2020

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 <u>097409</u>	PRINTER SN <u>096.3580.871</u>	DATE OF INSPECTION <u>3-3-2020</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>602 S. Franklin Cuba</u>		TIME OF INSPECTION <u>2:07 am</u>

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

- SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Guth LOT # 19070 EXP. DATE 2-25-21
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34° SIMULATOR SN MP3872 SIMULATOR EXP DATE 4-18-20

- 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 <u>.100</u>	TEST 2 <u>.101</u>	TEST 3 <u>.102</u>
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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 <u>0</u>	(.0-.04) <u>0</u>	(.05-.09) <u>0</u>	(.10-.14) <u>0</u>	(.15-.19) <u>0</u>	(OVER .19) <u>0</u>
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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).

**INSPECTING OFFICER**

SIGNATURE <u>Michael Centurion</u>	PRINT NAME <u>Michael Centurion</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>280179/5-7-2020</u>	TELEPHONE NUMBER <u>573-885-7979</u>

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
2875 James Boulevard  
Poplar Bluff, MO 63901

AS IU Serial no: 097409  
Version no: 004C

TEST RECORD 00483

Temp Date Time 210L  
9/

Air Blank:  
03/03/20 02:07 .000  
Calibration Check:  
20 03/03/20 02:07 .100

Subject Name

Blank

Subject I.D.

Test 1

Operator Name: I.D.

Canlins / 280179

Location

602 S Franklin

Curba

AS IU Serial no: 097409  
Version no: 004C

TEST RECORD 00484

Temp Date Time 210L  
9/

Air Blank:  
03/03/20 02:08 .000  
Calibration Check:  
21 03/03/20 02:08 .101

Subject Name

Blank

Subject I.D.

Test 2

Operator Name: I.D.

Canlins / 280179

Location

602 S Franklin

Curba

AS IU Serial no: 097409  
Version no: 004C

TEST RECORD 00485

Temp Date Time 210L  
9/

Air Blank:  
03/03/20 02:10 .000  
Calibration Check:  
21 03/03/20 02:10 .102

Subject Name

Blank

Subject I.D.

Test 3

Operator Name: I.D.

Canlins / 280179

Location

602 S Franklin

Curba

AS IU Serial no: 097409  
Version no: 004C

TEST RECORD 00486

Temp Date Time 210L  
9/

Void: RFI  
12 03/03/20 02:12

Subject Name

Blank

Subject I.D.

RFI

Operator Name: I.D.

Canlins / 280179

Location

602 S Franklin

Curba



**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 **19070** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **February 26, 2019**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1212%** (w/vol) ethyl alcohol. The expiration date for this lot number is **February 25, 2021** 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 FN04271602 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

2

PERMIT  
 TYPE II

MICHAEL S CENTUNZI

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

**ALCO-SENSOR IV WITH PRINTER**

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 202.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

ISSUED 5/17/2018  
 PERMIT NUMBER 280179  
 EXPIRES 5/17/2020  
 0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY  
  
  
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 LAB-6 (06-10)

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

**INSTRUMENT OPERATOR CARD**

*The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.*

Operator CENTUNZI, MICHAEL  
 Permit No 280179  
 Date Issued 5/17/2018 Date Expires 5/17/2020



Missouri Department of Health and Senior Services  
 P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-6400 FAX: 573-751-6010  
 RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2466  
 Randall W. Williams, MD, FACOG  
 Director



Michael L. Parson  
 Governor

# SIMULATOR CERTIFICATION REPORT

## SIMULATOR INFORMATION

Simulator Serial Number: MP3872      Manufacturer: Guth  
 Model Number: 12V500  
 Agency: CUBA PD  
 Agency Address: 602 S FRANKLIN, CUBA, MO 65453

## NIST THERMOMETER INFORMATION

Serial Number: 17KMM00890      Bias: 0.00  
 Uncertainty: 0.02  
 Date of Certification: 1/31/2019      Date of Expiration: 1/31/2020

## ENVIRONMENTAL CONDITIONS

The environmental conditions during testing are within the tolerances of DHSS BAP method 3.

## VERIFICATION RESULTS

<u>Simulator Average</u>	<u>NIST Average</u>	<u>Combined Uncertainty</u>
34.00	34.01	.03

The combined uncertainty is calculated with a k=2 value.

## ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 4/18/2019  
 Certification Expiration: 4/18/2020  
 Simulator testing technician: S. GARY

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: B. LUTMER  
 Certification No: MP3872\_4182019

X

DHSS BAP Scientist Approving

