



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

**RECEIVED**

By Tracy Crews at 10:03 am, May 06, 2024

REPORT

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>100286</u>	NAME OF AGENCY <u>Cuba PD</u>	DATE OF INSPECTION <u>5-2-24</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>602 S. Franklin St Cuba</u>		TIME OF INSPECTION <u>10:45 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 # 23390 EXP. DATE 10-17-25

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.01° SIM. SN MP3872 SIM. NIST EXP DATE 5-4-24

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>.102</u>	TEST 2 <u>.102</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>1</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  
Michael Centuni

PRINT NAME  
Michael Centuni

TYPE II PERMIT NUMBER/EXPIRATION DATE  
240089/4-8-26

TELEPHONE NUMBER  
(573) 885-7975

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

AS 10 Serial no: 100286  
Version no: 522B

TEST RETURN 01310

Date: 10/10/00 Time: 21:01

HP Blank  
65/02/24 10:45 .000  
Calibration Check:  
22 05/02/24 10:45 .102

Subject Name

Blank

Subsect J.D.

Test 1

Operator Name: J.D.

Carlane / 240089

Local Job

602 S. Franklin St

Cuba

AS 10 Serial no: 100286  
Version no: 522B

TEST RETURN 01311

Date: 10/10/00 Time: 21:01

HP Blank  
65/02/24 10:47 .000  
Calibration Check:  
25 05/02/24 10:47 .102

Subject Name

Blank

Subsect J.D.

Test 2

Operator Name: J.D.

Carlane / 240089

Local Job

602 S. Franklin St

Cuba

AS 10 Serial no: 100286  
Version no: 522B

TEST RETURN 01312

Date: 10/10/00 Time: 21:01

HP Blank  
65/02/24 10:49 .000  
Calibration Check:  
23 05/02/24 10:49 .102

Subject Name

Blank

Subsect J.D.

Test 3

Operator Name: J.D.

Carlane / 240089

Local Job

602 S. Franklin St

Cuba

AS 10 Serial no: 100286  
Version no: 522B

TEST RETURN 01313

Date: 10/10/00 Time: 21:01

HP Blank  
12 05/02/24 10:50

Subject Name

Blank

Subsect J.D.

RPI

Operator Name: J.D.

Carlane / 240089

Local Job

602 S. Franklin St

Cuba



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

2

PERMIT  
TYPE II

MICHAEL S. CENTUNZI

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and 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 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 4/8/2024

NUMBER 240089

EXPIRES 4/8/2026

*Mike Massman*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*David J. Nicholson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

 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 240089  
Date Issued 4/8/2024 Date Expires 4/8/2026





## GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-564-5470

### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **23390** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **October 18, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1207%** (w/vol) ethyl alcohol. The expiration date for this lot number is **October 17, 2025** 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 FN03072301 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.*



Paula Nickelson  
 Acting 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: 17KMM00690      Bias: 0.00  
 Uncertainty: 0.02  
 Date of Certification: 10/24/2022      Date of Expiration: 10/24/2023

## 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>
34.01	34.02	.03

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

## ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 5/4/2023  
 Certification Expiration: 5/4/2024  
 Simulator testing technician: R. SCHILDKNECHT

Notes on Condition: none  
 Deviation(s) from method: none

DHSS BAP Scientist Approving: BRIANNA MEDRANO  
 Certification No: MP3872\_542023

X *Brianna Medrano*

DHSS BAP Scientist Approving

