



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

RECEIVED
 By Tracy Crews at 3:12 pm, Feb 05, 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>2-1-24</u> |
| LOCATION OF INSTRUMENT (STREET AND CITY) <u>602 S. Franklin St Cuba</u> | | TIME OF INSPECTION <u>12:01 pm</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 # 22430 EXP. DATE 11-30-24

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34° 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 → .103 TEST 2 → .103 TEST 3 → .102

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 (0-.04) 0 (.05-.09) 1 (.10-.14) 0 (.15-.19) 0 (OVER .19) 0

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

PRINT NAME
Michael Cervasio

TYPE II PERMIT NUMBER/EXPIRATION DATE
220115 / 4-29-24

TELEPHONE NUMBER
(573) 885-7979

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: 100286
Version no: 532B

TEST RECORD 01268

Temp Date Time 210L 9/

Air Blank:
02/01/24 12:01 .000
Calibration Check:
22 02/01/24 12:01 .103

Subject Name
Blank

Subject I.D.

Test 1

Operator Name, I.D.

Centuri / 220115

Location

602 S. Franklin St

Cuba

AS IV Serial no: 100286
Version no: 532B

TEST RECORD 01269

Temp Date Time 210L 9/

Air Blank:
02/01/24 12:02 .000
Calibration Check:
22 02/01/24 12:02 .103

Subject Name
Blank

Subject I.D.

Test 2

Operator Name, I.D.

Centuri / 220115

Location

602 S. Franklin St

Cuba

AS IV Serial no: 100286
Version no: 532B

TEST RECORD 01270

Temp Date Time 210L 9/

Air Blank:
02/01/24 12:04 .000
Calibration Check:
23 02/01/24 12:04 .102

Subject Name
Blank

Subject I.D.

Test 3

Operator Name, I.D.

Centuri / 220115

Location

602 S. Franklin St

Cuba

AS IV Serial no: 100286
Version no: 532B

TEST RECORD 01271

Temp Date Time 210L 9/

VOID: RTI
12 02/01/24 12:05

Subject Name
Blank

Subject I.D.

RTI

Operator Name, I.D.

Centuri / 220115

Location

602 S. Franklin St

Cuba



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 **22430** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 1, 2022**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1216%** (w/vol) ethyl alcohol. The expiration date for this lot number is **November 30, 2024** 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

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 open to 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 506.111 through 506.119 RSMo.

DATE 4/29/2022
NUMBER 220115
PIRES 4/29/2024

13-8771 (8-18)

J. Ann G. Wray

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. Nielsen

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAD (R-18)

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

PERMIT OPERATOR CARD

This card is valid only if the subject of it carries an official breath alcohol permit for the determination of the alcohol content in breath form of expired air.

Operator: **CENTUNZI, MICHAEL**
Permit No: **220115**
DOB: **10/24/1962** ID No: **4610280**



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

