



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

REVIEWED
By Tracy Crews at 1:53 pm, Dec 03, 2021

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>100286</u>	NAME OF AGENCY <u>Cuba PD</u>	DATE OF INSPECTION <u>12-1-21</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>602 S. Franklin St Cuba</u>		TIME OF INSPECTION <u>4:10 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 # 21080 EXP. DATE 3-8-23

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34° SIM. SN MP3872 SIM. NIST EXP DATE 5-14-22

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>.101</u>	TEST 2 • <u>.102</u>	TEST 3 • <u>.101</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>1</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).

Set Time

INSPECTING OFFICER

SIGNATURE <u>Michael Bertone</u>	PRINT NAME <u>Michael Bertone</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>200163/5-4-22</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 by mail, fax, or email.

AS IV Serial no: 100286
Version no: 532B

TEST RECORD 01002

Temp Date Time 2101

Air Blank: 12/01/21 16:10 .000

Calibration Check: 22 12/01/21 16:10 .101

Subject Name Blank

Subject I.D. Test 1

Operator Name, I.D. Cardona / 200165

Location 602 S Franklin

Cuba

AS IV Serial no: 100286
Version no: 532B

TEST RECORD 01003

Temp Date Time 2101

Air Blank: 12/01/21 16:12 .000

Calibration Check: 22 12/01/21 16:12 .102

Subject Name Blank

Subject I.D. Test 2

Operator Name, I.D. Cardona / 200165

Location 602 S Franklin

Cuba

AS IV Serial no: 100286
Version no: 532B

TEST RECORD 01004

Temp Date Time 2101

Air Blank: 12/01/21 16:14 .000

Calibration Check: 23 12/01/21 16:14 .101

Subject Name Blank

Subject I.D. Test 3

Operator Name, I.D. Cardona / 200165

Location 602 S Franklin

Cuba

AS IV Serial no: 100286
Version no: 532B

TEST RECORD 01005

Temp Date Time 2101

Air Blank: 12/01/21 16:15

Calibration Check: 0010: RPI 12 12/01/21 16:15

Subject Name Blank

Subject I.D. RFI

Operator Name, I.D. Cardona / 200165

Location 602 S Franklin

Cuba



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 **21080** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **March 10, 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 **March 8, 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.



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
Robert J. Knodell
 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: 11/6/2020 Date of Expiration: 11/6/2021

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	34.02	.04

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

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 5/14/2021
 Certification Expiration: 5/14/2022
 Simulator testing technician: D. DEBOARD

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: B. LUTMER
 Certification No: MP3872_5142021

X

DHSS BAP Scientist Approving



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



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 5/4/2020

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 200163

EXPIRES 5/4/2022

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R9-10)



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 **200163**
Date Issued **5/4/2020** Date Expires **5/4/2022**



