



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

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
097417PRINTER SN
096.3580.863DATE OF INSPECTION
07/01/2020LOCATION OF INSTRUMENT (STREET AND CITY)
200 West Booneslick, Warrenton, MO 63383TIME OF INSPECTION
1840 hours

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 Laboratories LOT # 19341 EXP. DATE 11/18/2021☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIMULATOR SN MP3585 SIMULATOR EXP DATE 02/21/2021☒ 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 ➡ .104

TEST 2 ➡ .104

TEST 3 ➡ .104

☒ 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	1	(0-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)	2
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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

PRINT NAME

Michael Kavanaugh

TYPE II PERMIT NUMBER/EXPIRATION DATE
290052 exp: 03/01/2021TELEPHONE NUMBER
(636) 456-3535

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 IV Serial no: 097417
Version no: 532B

TEST RECORD 00205

Temp Date Time 210L
Air Blank: 07/01/20 18:43 .000
Calibration Check: 20 07/01/20 18:43 .104

Subject Name

Test #1

Subject I.D.

Maint. Check

Operator Name, I.D.

Sgt. Kavanaugh 207

Location

Warrenton Police

Department

AS IV Serial no: 097417
Version no: 532B

TEST RECORD 00206

Temp Date Time 210L
Air Blank: 07/01/20 18:45 .000
Calibration Check: 21 07/01/20 18:45 .104

Subject Name

Test #2

Subject I.D.

Maint. Check

Operator Name, I.D.

Sgt. Kavanaugh 207

Location

Warrenton Police

Department

AS IV Serial no: 097417
Version no: 532B

TEST RECORD 00207

Temp Date Time 210L
Air Blank: 07/01/20 18:47 .000
Calibration Check: 22 07/01/20 18:47 .104

Subject Name

Test #3

Subject I.D.

Maint. Check

Operator Name, I.D.

Sgt. Kavanaugh 207

Location

Warrenton Police

Department

AS IV Serial no: 097417
Version no: 532B

TEST RECORD 00208

Temp Date Time 210L
VOID: RFI 12 07/01/20 18:49

Subject Name

Test #4

Subject I.D.

Maint. Check

Operator Name, I.D.

Sgt. Kavanaugh 207

Location

Warrenton Police

Department

AS IV Serial no: 097417
Version no: 532B

TEST RECORD 00209

Temp Date Time 210L
Air Blank: 07/01/20 18:51 .000
Subject Test: Auto 23 07/01/20 18:51 .000

Subject Name

Test #5 Self-Test

Subject I.D.

Maint. Check

Operator Name, I.D.

Sgt. Kavanaugh 207

Location

Warrenton Police

Department



GUTH LABORATORIES, INC.

890 NORTH 9TH STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-554-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 19341 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on November 20, 2019, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1211% (w/vol) ethyl alcohol. The expiration date for this lot number is November 18, 2021 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 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.



Missouri Department of Health and Senior Services

P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-6400 FAX: 573-751-8010

RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2986 VOICE 1-800-735-2466

Randall W. Williams, MD, FACOG
Director



Michael L. Parson
Governor

SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: MP3585 Manufacturer: Guth
Model Number: 12V500
Agency: WARRENTON PD
Agency Address: 200 W BOONESLICK ROAD., WARRENTON, MO 63383

NIST THERMOMETER INFORMATION

Serial Number: 17KMM00689 Bias: 0.00
Uncertainty: 0.02
Date of Certification: 1/23/2020 Date of Expiration: 1/23/2021

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	34.01	.03

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

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 2/12/2020
Certification Expiration: 2/12/2021
Simulator testing technician: S. GARY

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: B. LUTMER
Certification No: MP3585_2122020

X

DHSS BAP Scientist Approving



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

2

**PERMIT
TYPE II**

MICHAEL KAVANAUGH

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 3/1/2019

NUMBER 290052

EXPIRES 3/1/2021


DIRECTOR OF STATE PUBLIC HEALTH LABORATORY


DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

