

RECEIVED

By Tracy Crews at 9:50 am, Dec 29, 2021

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 111660	NAME OF AGENCY Fredericktown Police Dept.	DATE OF INSPECTION 12/27/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 120 W. Main St. - Fredericktown		TIME OF INSPECTION 11:37 am

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 # 21380 EXP. DATE 09/13/2023 SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN MP 2936 SIM. NIST EXP DATE 02/02/2022 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 .099

TEST 2 .098

TEST 3 .098

 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)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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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).

Instrument is operating properly

INSPECTING OFFICER

SIGNATURE

PRINT NAME

Sgt. Michael Sletten

TYPE II PERMIT NUMBER/EXPIRATION DATE

200271 - 10/19/2022

TELEPHONE NUMBER

(573) 783-3660

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: 111660
Version no: 532B

TEST RECORD 00637

Temp	Date	Time	s/ 210L
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VOID: RFI
12 12/27/21 11:37

Subject Name

RFI CHECK

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN-200271

Location

FREDERICKTOWN PD

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00638

Temp	Date	Time	s/ 210L
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Air Blank:
12/27/21 11:38 .000
Subject Test: Auto
22 12/27/21 11:38 .000

Subject Name

BLANK CHECK

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN-200271

Location

FREDERICKTOWN PD

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00639

Temp	Date	Time	s/ 210L
------	------	------	------------

Air Blank:
12/27/21 11:40 .000
Calibration Check:
23 12/27/21 11:40 .099

Subject Name

SAMPLE TEST #1

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN-200271

Location

FREDERICKTOWN PD

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00640

Temp	Date	Time	s/ 210L
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Air Blank:
12/27/21 11:42 .000
Calibration Check:
23 12/27/21 11:42 .098

Subject Name

SAMPLE TEST #2

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN-200271

Location

FREDERICKTOWN PD

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00641

Temp	Date	Time	s/ 210L
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Air Blank:
12/27/21 11:43 .000
Calibration Check:
23 12/27/21 11:43 .098

Subject Name

SAMPLE TEST #3

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN-200271

Location

FREDERICKTOWN PD

AS IV Serial no: 111660
Version no: 532B

Last Calibration:
11/25/19 15:36 .100

Test Results:
00637 VOID: RFI
12 12/27/21 11:37
00.0 Lit. 00.0 Sec.
00638 Subject Test: Auto
22 12/27/21 11:38 .000
01.9 Lit. 03.8 Sec.
00639 Calibration Check:
23 12/27/21 11:40 .099
00.0 Lit. 00.0 Sec.
00640 Calibration Check:
23 12/27/21 11:42 .098
00.0 Lit. 00.0 Sec.
00641 Calibration Check:
23 12/27/21 11:43 .098
00.0 Lit. 00.0 Sec.



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: MP2936 Manufacturer: Guth
 Model Number: 12V500
 Agency: FREDERICKTOWN PD
 Agency Address: 120 W MAIN ST, FREDERICKTOWN, MO 63645

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: 2/2/2021
 Certification Expiration: 2/2/2022
 Simulator testing technician: D. DEBOARD

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: B. LUTMER
 Certification No.: MP2936_222021

X 

DHSS BAP Scientist Approving



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 **21380** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 15, 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 **September 13, 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.



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

2

**PERMIT
 TYPE II**

MICHAEL D SLETTEN

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 10/19/2020

NUMBER 200271

EXPIRES 10/19/2022

10 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (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 SLETTEN, MICHAEL
 Permit No 200271
 Date Issued 10/19/2020 Date Expires 10/19/2022