



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

**RECEIVED**  
 By Tracy Crews at 7:54 am, Sep 25, 2020

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 PD	DATE OF INSPECTION 09/24/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 120 W. Main St. - Fredericktown		TIME OF INSPECTION 1:03 pm

**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 # 19370      EXP. DATE 12/09/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0      SIM. SN MP 2936      SIM. NIST EXP DATE 02/12/2021

- 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 ← .101	TEST 2 ← .100	TEST 3 ← .100
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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 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).

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<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Cpl. Eric Ganime
TYPE II PERMIT NUMBER/EXPIRATION DATE 200019 - 01/06/2022	TELEPHONE NUMBER 573)840-9500

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 00542

Temp	Date	Time	s/ 210L
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Air Blank:  
09/24/20 13:03 .000  
Calibration Check:  
22 09/24/20 13:03 .101

Subject Name

TEST 1  
Subject I.D.

Operator Name, I.D.

E.J. CANINE 200019  
Location

FREDERICKTOWN

POLICE DEPT.

AS IV Serial no: 111660  
Version no: 532B

TEST RECORD 00543

Temp	Date	Time	s/ 210L
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Air Blank:  
09/24/20 13:05 .000  
Calibration Check:  
22 09/24/20 13:05 .100

Subject Name

TEST 2  
Subject I.D.

Operator Name, I.D.

E.J. CANINE 200019  
Location

FREDERICKTOWN

POLICE DEPT.

AS IV Serial no: 111660  
Version no: 532B

TEST RECORD 00544

Temp	Date	Time	s/ 210L
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Air Blank:  
09/24/20 13:06 .000  
Calibration Check:  
23 09/24/20 13:06 .100

Subject Name

TEST 3  
Subject I.D.

Operator Name, I.D.

E.J. CANINE 200019  
Location

FREDERICKTOWN

POLICE DEPT.

AS IV Serial no: 111660  
Version no: 532B

TEST RECORD 00545

Temp	Date	Time	s/ 210L
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VOID: RFI  
12 09/24/20 13:08

Subject Name

RFI  
Subject I.D.

Operator Name, I.D.

E.J. CANINE 200019  
Location

FREDERICKTOWN

POLICE DEPT.

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AS IU Serial no: 111660  
Version no: 532B

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

Test Results:  
00536 VOID: RFI  
12 09/24/20 09:10  
00.0 Lit. 00.0 Sec.  
00537 Subject Test: Auto  
-21 09/24/20 09:11 .000  
01.5 Lit. 04.9 Sec.  
00538 Subject Test: Auto  
-22 09/24/20 09:13 .000  
01.7 Lit. 04.4 Sec.  
00539 Subject Test: Auto  
-22 09/24/20 09:14 .000  
01.5 Lit. 03.3 Sec.  
00540 Subject Test: Auto  
-23 09/24/20 09:16 .000  
01.5 Lit. 04.1 Sec.  
00541 Subject Test: Auto  
-23 09/24/20 09:17 .000  
01.5 Lit. 03.8 Sec.  
00542 Calibration Check:  
-22 09/24/20 13:03 .101  
00.0 Lit. 00.0 Sec.  
00543 Calibration Check:  
-22 09/24/20 13:05 .100  
00.0 Lit. 00.0 Sec.  
00544 Calibration Check:  
-23 09/24/20 13:06 .100  
00.0 Lit. 00.0 Sec.  
00545 VOID: RFI  
12 09/24/20 13:08  
00.0 Lit. 00.0 Sec.

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**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 19370 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 10, 2019**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1199%** (w/vol) ethyl alcohol. The expiration date for this lot number is **December 9, 2021** 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 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.*



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

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**PERMIT**  
**TYPE II**  
**ERIC J GANIME**

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, INTOX DMT**

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 1/6/2020

NUMBER 200019

EXPIRES 1/6/2022

MO 580-0771 (8-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 GANIME, ERIC  
 Permit No 200019  
 Date Issued 1/6/2020 Date Expires 1/6/2022