



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

**RECEIVED**  
 By Tracy Crews at 3:47 pm, Jun 10, 2022

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 111781	NAME OF AGENCY Warsaw Police Department	DATE OF INSPECTION 06/09/2022
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LOCATION OF INSTRUMENT (STREET AND CITY) 181 W. Harrison St. Warsaw Missouri	TIME OF INSPECTION 10:43 pm
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**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**

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth Laboratories</u>	LOT # <u>21380</u> EXP. DATE <u>09/13/2023</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.01</u>	SIM. SN <u>MP6529</u> SIM. NIST EXP DATE <u>05/05/2023</u>

- 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 ➡ .096	TEST 2 ➡ .095	TEST 3 ➡ .095
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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).

Instrument placed into service and operating within DHSS established limits.

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Tony Helms
TYPE II PERMIT NUMBER/EXPIRATION DATE 220130 05/11/2024	TELEPHONE NUMBER (660) 438-5522

**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: 111781  
Version no: 532B

TEST RECORD 00046

Temp	Date	Time	a/ 210L
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Air Blank:  
06/09/22 22:43 .000  
Calibration Check:  
22 06/09/22 22:43 .096

Subject Name

Test #1

Subject I.D.

Test #1

Operator Name, I.D.

T. Helms 220130

Location

181 W Harrison

Warsaw

AS IV Serial no: 111781  
Version no: 532B

TEST RECORD 00047

Temp	Date	Time	a/ 210L
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Air Blank:  
06/09/22 22:44 .000  
Calibration Check:  
23 06/09/22 22:44 .095

Subject Name

Test #2

Subject I.D.

Test #2

Operator Name, I.D.

T. Helms 220130

Location

181 W Harrison

Warsaw MO

AS IV Serial no: 111781  
Version no: 532B

TEST RECORD 00048

Temp	Date	Time	a/ 210L
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Air Blank:  
06/09/22 22:46 .000  
Calibration Check:  
23 06/09/22 22:46 .095

Subject Name

Test #3

Subject I.D.

Test #3

Operator Name, I.D.

T. Helms 220130

Location

181 W Harrison

Warsaw MO

AS IV Serial no: 111781  
Version no: 532B

TEST RECORD 00049

Temp	Date	Time	a/ 210L
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VOID: RFI  
12 06/09/22 22:48

Subject Name

RFI Test

Subject I.D.

RFI Test

Operator Name, I.D.

T. Helms 220130

Location

181 W. Harrison

Warsaw MO



# 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

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**PERMIT**  
**TYPE II**  
**ANTHONY HELMS**

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 5/11/2022

NUMBER 220130

EXPIRES 5/11/2024

*Laura Q. Way*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Dave L. Nielson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



**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 HELMS, ANTHONY  
 Permit No 220130  
 Date Issued 5/11/2022 Date Expires 5/11/2024

