



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

**RECEIVED**  
 By Tracy Crews at 8:36 am, Mar 24, 2025

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 111319	NAME OF AGENCY Piedmont Police Dept	DATE OF INSPECTION 03-22-2025
LOCATION OF INSTRUMENT (STREET AND CITY) 116 West Green Street , Piedmont		TIME OF INSPECTION 0514

**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>24310</u> EXP. DATE <u>08/27/2026</u>	
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0c</u> SIM. SN <u>2257</u> SIM. NIST EXP DATE <u>12/02/2026</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 ← <b>.097</b>	TEST 2 ← <b>.098</b>	TEST 3 ← <b>.098</b>
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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 <b>1</b>	(0-.04) <b>0</b>	(.05-.09) <b>0</b>	(.10-.14) <b>0</b>	(.15-.19) <b>0</b>	(OVER .19) <b>1</b>
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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 <i>Campbell 3284 / 240241</i>	PRINT NAME <b>Shaun Campbell</b>
TYPE II PERMIT NUMBER/EXPIRATION DATE <b>240241 / 11-27-2026</b>	TELEPHONE NUMBER <b>(573) 223-4300</b>

**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: 111319  
Version no: 532B

TEST RECORD 00578

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
03/22/25 05:25 .000  
Subject Test: Man  
22 03/22/25 05:25 .098

Subject Name

*Test*

Subject I.D.

*Three*

Operator Name, I.D.

*Campbell 240241*

Location

*116 W. Green St*

*Piedmont Mo 63957*

AS IV Serial no: 111319  
Version no: 532B

TEST RECORD 00577

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
03/22/25 05:24 .000  
Subject Test: Man  
21 03/22/25 05:24 .098

Subject Name

*Test*

Subject I.D.

*Two*

Operator Name, I.D.

*Campbell 240241*

Location

*116 W. Green St*

*Piedmont, Mo 63957*

AS IV Serial no: 111319  
Version no: 532B

TEST RECORD 00576

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
03/22/25 05:22 .000  
Subject Test: Man  
21 03/22/25 05:22 .097

Subject Name

*Test*

Subject I.D.

*One*

Operator Name, I.D.

*Campbell 240241*

Location

*116 W. Green St*

*Piedmont, Mo 63957*

*Piedmont, Mo 63957*

*116 W. Green St*

*Campbell 240241*

Operator Name, I.D.

*TEST*

Subject I.D.

*RF1*

Subject Name

VOID: RFI  
12 03/22/25 05:27

Temp Date Time <sup>s/</sup> 210L

TEST RECORD 00579

AS IV Serial no: 111319  
Version no: 532B



## 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 **24310** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **August 28, 2024**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1209%** (w/vol) ethyl alcohol. The expiration date for this lot number is **August 27, 2026** 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 FN03072301 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



**PERMIT**  
**TYPE II**  
**SHAUN P. CAMPBELL**

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 11/27/2024

NUMBER 240241

EXPIRES 11/27/2026

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

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** CAMPBELL, SHAUN  
**Permit No** 240241  
**Date Issued** 11/27/2024    **Date Expires** 11/27/2026