



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 111319	NAME OF AGENCY Piedmont Police Dept	DATE OF INSPECTION 09/24/2024
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LOCATION OF INSTRUMENT (STREET AND CITY) 116 West Green Street , Piedmont	TIME OF INSPECTION 1405
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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

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Laboratories LOT # 24110 EXP. DATE 03/05/2026

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0c SIM. SN SD 2257 SIM. NIST EXP DATE 01/29/2025

- 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 ← <u>.100</u>	TEST 2 ← <u>.099</u>	TEST 3 ← <u>.099</u>
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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

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 <u>Campbell # 220272 / 3284</u>	PRINT NAME <u>Shaun Campbell</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>220272 / 12/21/2024</u>	TELEPHONE NUMBER <u>(573) 223-4300</u>

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 00525

Temp Date Time 210L

Air Blank:
09/24/24 14:10 .000
Subject Test: Man
20 09/24/24 14:10 .100

Subject Name
Test

Subject I.D.
One

Operator Name, I.D.
Campbell 220272

Location
116 W. Green

Piedmont Mo 63957

AS IV Serial no: 111319
Version no: 532B

TEST RECORD 00526

Temp Date Time 210L

Air Blank:
09/24/24 14:12 .000
Subject Test: Man
21 09/24/24 14:12 .099

Subject Name
TEST

Subject I.D.
TWO

Operator Name, I.D.
Campbell 220272

Location
116 W. Green

Piedmont Mo 63957

AS IV Serial no: 111319
Version no: 532B

TEST RECORD 00527

Temp Date Time 210L

Air Blank:
09/24/24 14:14 .000
Subject Test: Man
22 09/24/24 14:14 .099

Subject Name
TEST

Subject I.D.
Three

Operator Name, I.D.
Campbell 220272

Location
116 W. Green

Piedmont Mo 63957

AS IV Serial no: 111319
Version no: 532B

TEST RECORD 00528

Temp Date Time 210L

VOID: RFI
12 09/24/24 14:15

Subject Name
RFI

Subject I.D.
TEST

Operator Name, I.D.
Campbell 220272

Location
116 W. Green

Piedmont Mo 63957



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 **24110** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **March 6, 2024**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1215%** (w/vol) ethyl alcohol. The expiration date for this lot number is **March 5, 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

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PERMIT
TYPE II
SHAUN 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 12/21/2022

NUMBER 220272

EXPIRES 12/21/2024

Mike Masson

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Dave J. Nickelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES