



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 030810	NAME OF AGENCY El Dorado Springs Police	DATE OF INSPECTION 05/16/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 1207 South Main Street El Dorado Springs		TIME OF INSPECTION 19:03 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 # 23390 EXP. DATE 10/17/2025

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIM. SN MP24946 SIM. NIST EXP DATE 10/17/2025

- 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>0.101</u>	TEST 2 → <u>0.101</u>	TEST 3 → <u>0.100</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	<u>1</u>	(.0-.04)	<u>0</u>	(.05-.09)	<u>0</u>	(.10-.14)	<u>0</u>	(.15-.19)	<u>0</u>	(OVER .19)	<u>1</u>
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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).

N/A

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Jarrod Schiereck
TYPE II PERMIT NUMBER/EXPIRATION DATE 220233/09-12-2024	TELEPHONE NUMBER (417) 876-2313

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

0010 Serial not 000010
Version not 1000

TEST NUMBER 00643

Year Date Time 2100

Air Blanks

05/16/24 19:00 .000

Calibration Checks

24 05/16/24 19:00 .000

Subject Name

BLANK TEST

Subject (L),

Operator Name: L.O. 109

JARROD Schiereck

Location

1207 SOUTH MAIN

EL DORADO Springs

0010 Serial not 000010
Version not 1000

TEST NUMBER 00644

Year Date Time 2100

Air Blanks

05/16/24 19:05 .000

Calibration Checks

24 05/16/24 19:05 .000

Subject Name

TEST #1

Subject (L),

Operator Name: L.O. 109

JARROD Schiereck

Location

1207 SOUTH MAIN

EL DORADO Springs

0010 Serial not 000010
Version not 1000

TEST NUMBER 00645

Year Date Time 2100

Air Blanks

05/16/24 19:07 .000

Calibration Checks

21 05/16/24 19:07 .000

Subject Name

TEST #2

Subject (L),

Operator Name: L.O. 109

JARROD Schiereck

Location

1207 SOUTH MAIN

EL DORADO Springs

0010 Serial not 000010
Version not 1000

TEST NUMBER 00646

Year Date Time 2100

Air Blanks

05/16/24 19:09 .000

Calibration Checks

22 05/16/24 19:09 .000

Subject Name

TEST #3

Subject (L),

Operator Name: L.O. 109

JARROD Schiereck

Location

1207 SOUTH MAIN

EL DORADO Springs

0010 Serial not 000010
Version not 1000

TEST NUMBER 00647

Year Date Time 2100

Air Blanks

05/16/24 19:10

Subject Name

R.F.I. TEST

Subject (L),

Operator Name: L.O. 109

JARROD Schiereck

Location

1207 SOUTH MAIN

EL DORADO Springs



GUTH LABORATORIES, INC.

690 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 **23390** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **October 18, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1207%** (w/vol) ethyl alcohol. The expiration date for this lot number is **October 17, 2025** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$, 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

2

PERMIT
TYPE II
JARROD SCHIERECK

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 9/12/2022

NUMBER 220233

EXPIRES 9/12/2024

Mike Masoma

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. Nielson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

580-0771 (6-10)

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 SCHIERECK, JARROD
Permit No 220233
Date Issued 9/12/2022 Date Expires 9/12/2024

