



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

RECEIVED

By Brian Lutmer at 9:55 am, Nov 04, 2024

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 119724	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 11/03/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 3131 E Kearney, Springfield, Missouri 65803		TIME OF INSPECTION 9:31 am

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, INC LOT # 23390 EXP. DATE 10/17/2025
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.99 SIM. SN MP2418 SIM. NIST EXP DATE 12/05/2024

- 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 ➡ .103	TEST 2 ➡ .104	TEST 3 ➡ .104
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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-.04)	(.05-.09) 1	(.10-.14) 1	(.15-.19) 2	(OVER .19)
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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).

CHANGED TIME DUE TO DAYLIGHT SAVINGS -1 HOUR & +1 MINUTE

INSPECTING OFFICER

SIGNATURE 	PRINT NAME J.R. Chronister 206
TYPE II PERMIT NUMBER/EXPIRATION DATE 240217 EXPIRES 10/16/2026	TELEPHONE NUMBER (417) 895-6868

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: 119724
Version no: 532C
TEST RECORD 00147 g/
Temp Date Time 210L
VOID: RFI
12 11/03/24 10:39
Subject Name
RFI
Subject I.D.
SIC CHIRONISTER
Operator Name, I.D.
3131 E KEARNEY
Location
SPRINGFIELD, MO
S Inl # 206

AS IV Serial no: 119724
Version no: 532C
TEST RECORD 00146 g/
Temp Date Time 210L
Air Blank: 11/03/24 10:37 .000
Calibration Check: 21 11/03/24 10:37 :104
Subject Name
Acc # 3
Subject I.D.
SIC CHIRONISTER
Operator Name, I.D.
3131 E KEARNEY
Location
SPRINGFIELD, MO
S Inl # 206

AS IV Serial no: 119724
Version no: 532C
TEST RECORD 00145 g/
Temp Date Time 210L
Air Blank: 11/03/24 10:34 .000
Calibration Check: 20 11/03/24 10:34 :104
Subject Name
Acc # 2
Subject I.D.
SIC CHIRONISTER
Operator Name, I.D.
3131 E KEARNEY
Location
SPRINGFIELD, MO
S Inl # 206

AS IV Serial no: 119724
Version no: 532C
TEST RECORD 00144 g/
Temp Date Time 210L
Air Blank: 11/03/24 10:32 .000
Calibration Check: 19 11/03/24 10:32 :103
Subject Name
Acc # 2
Subject I.D.
SIC CHIRONISTER
Operator Name, I.D.
3131 E KEARNEY
Location
SPRINGFIELD, MO
S Inl # 206



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 **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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, 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
JARED R. CHRONISTER

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 10/16/2024

NUMBER 240217

EXPIRES 10/16/2026

Adam Kubi

DIRECTOR STATE PUBLIC HEALTH LABORATORY

Paula J. Nickelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 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 CHRONISTER, JARED
 Permit No 240217
 Date Issued 10/16/2024 Date Expires 10/16/2026

