



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 087973	NAME OF AGENCY University of Missouri - Kansas City P.D.	DATE OF INSPECTION 02-02-2025
LOCATION OF INSTRUMENT (STREET AND CITY) 5005 Oak Street Kansas City		TIME OF INSPECTION 22:14

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) **21°C**
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER **Guth Labs** LOT # **24310** EXP. DATE **8-27-2024**
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) **34°C** SIM. SN **MP5542** SIM. NIST EXP DATE **3-1-2025**

- 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 = .098%	TEST 2 = .097%	TEST 3 = .097%
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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).

This instrument is operating within Dept. of Health guide lines

INSPECTING OFFICER	
SIGNATURE <i>Jeff Roeder</i>	PRINT NAME Jeff Roeder
TYPE II PERMIT NUMBER/EXPIRATION DATE 240205 12-19-2026	TELEPHONE NUMBER 816 235-1515

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

NUM

AS IV Serial no: 087973
Version no: 532B

TEST RECORD 00663

Temp Date Time 210L

VOID: RFI
12 02/02/25 22:54

Subject Name
Monthly Maintenance
Subject I.D.

Operator Name, I.D.
Jeff Cooper 53

Location
VMKC P.D.

NUM

AS IV Serial no: 087973
Version no: 532B

TEST RECORD 00660

Temp Date Time 210L

Air Blank:
02/02/25 22:48 .000
Calibration Check:
23 02/02/25 22:48 .098

Subject Name
Monthly Maintenance
Subject I.D.

Operator Name, I.D.
Jeff Cooper 53

Location
VMKC P.D.

NUM

AS IV Serial no: 087973
Version no: 532B

TEST RECORD 00661

Temp Date Time 210L

Air Blank:
02/02/25 22:50 .000
Calibration Check:
25 02/02/25 22:50 .097

Subject Name
Monthly Maintenance
Subject I.D.

Operator Name, I.D.
Jeff Cooper 53

Location
VMKC P.D.

NUM

AS IV Serial no: 087973
Version no: 532B

TEST RECORD 00662

Temp Date Time 210L

Air Blank:
02/02/25 22:52 .000
Calibration Check:
25 02/02/25 22:52 .097

Subject Name
Monthly Maintenance
Subject I.D.

Operator Name, I.D.
Jeff Cooper 53

Location
VMKC P.D.

**GUTH LABORATORIES, INC.**

300 NORTH 5TH STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-654-6470

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 $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$, 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.