



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 105446	NAME OF AGENCY LONE JACK P.D.	DATE OF INSPECTION 08/25/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 401 N BYNUM RD. LONE JACK, MO. 64070		TIME OF INSPECTION 5:20 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

<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>23390</u> EXP. DATE <u>10/17/2025</u>	
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u> SIM. SN. <u>MP6535</u> SIM. NIST EXP DATE <u>02/01/2025</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 <input checked="" type="checkbox"/> 0.099%	TEST 2 <input checked="" type="checkbox"/> 0.099%	TEST 3 <input checked="" type="checkbox"/> 0.098%
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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).

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME ZACHARY ARGETSINGER
TYPE II PERMIT NUMBER EXPIRATION DATE 230098 05/30/2025	TELEPHONE NUMBER (816) 697-2417

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: 185446
Version no: 532B

TEST RECORD 01188 [✓]
Temp Date Time 210L

Air Blank
08/25/24 17:26 .000
Calibration Check
25 08/25/24 17:26 .052

Subject Name
Test#3
Subject I.D.

Operator Name, I.D.
Argetsinger 230098
Location
Lone Jack PD

AS IV Serial no: 185446
Version no: 532B

TEST RECORD 01127 [✓]
Temp Date Time 210L

Air Blank
08/25/24 17:24 .000
Calibration Check
24 08/25/24 17:24 .059

Subject Name
Test#2
Subject I.D.

Operator Name, I.D.
Argetsinger 230098
Location
Lone Jack PD

AS IV Serial no: 185446
Version no: 532B

TEST RECORD 01139 [✓]
Temp Date Time 210L

NOTE: RFI
12 08/25/24 17:28

Subject Name
RFI Test
Subject I.D.

Operator Name, I.D.
Argetsinger 230098
Location
Lone Jack PD

AS IV Serial no: 185446
Version no: 532B

TEST RECORD 01136 [✓]
Temp Date Time 210L

Air Blank
08/25/24 17:22 .000
Calibration Check
24 08/25/24 17:22 .059

Subject Name
Test#1
Subject I.D.

Operator Name, I.D.
Argetsinger 230098
Location
Lone Jack PD

AS IV Serial no: 185446
Version no: 532B

TEST RECORD 01135 [✓]
Temp Date Time 210L

Air Blank
08/25/24 17:20 .000
Calibration Check
23 08/25/24 17:20 .060

Subject Name
Dig Readout Test
Subject I.D.

Operator Name, I.D.
Argetsinger 230098
Location
Lone Jack PD

**GUTH LABORATORIES, INC.**

660 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-6470

8

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



**PERMIT
TYPE II**

ZACHARY A. ARGETSINGER

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 308.111 through 308.119 RSMo.

DATE 5/30/2023

NUMBER 230098

EXPIRES 5/30/2025

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 ARGETSINGER, ZACHARY
Permit No 230098
Date Issued 5/30/2023 Date Expires 5/30/2025

