



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 PD	DATE OF INSPECTION 12/16/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 401 N BYNUM RD, LONE JACK, MO. 64070		TIME OF INSPECTION 10:44 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.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)		
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C)		
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY		
<input checked="" type="checkbox"/> 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>02/01/2024</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)

<input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
<input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 → 0.103%	TEST 2 → 0.102%	TEST 3 → 0.102%
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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).  
Time Change for seasonal purposes.

**INSPECTING OFFICER**

SIGNATURE #378	PRINT NAME ZACHARY ARGETSINGER
TYPE   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: 105446  
Version no: 532B

TEST RECORD 01047

Temp Date Time 210L

Air Blank: 12/16/23 10:44 .000  
Calibration Check: 22 12/16/23 10:44 .000

Subject Name

Dig Readout Test

Subject I.D.

Operator Name, I.D.

Argetsinger 230098

Location

LSPD

AS IV Serial no: 105446  
Version no: 532B

TEST RECORD 01048

Temp Date Time 210L

Air Blank: 12/16/23 10:53 .000  
Calibration Check: 23 12/16/23 10:53 .103

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

Argetsinger 230098

Location

LSPD

AS IV Serial no: 105446  
Version no: 532B

TEST RECORD 01049

Temp Date Time 210L

Air Blank: 12/16/23 10:55 .000  
Calibration Check: 23 12/16/23 10:55 .102

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

Argetsinger 230098

Location

LSPD

AS IV Serial no: 105446  
Version no: 532B

TEST RECORD 01050

Temp Date Time 210L

Air Blank: 12/16/23 10:56 .000  
Calibration Check: 23 12/16/23 10:56 .102

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

Argetsinger 230098

Location

LSPD

AS IV Serial no: 105446  
Version no: 532B

TEST RECORD 01051

Temp Date Time 210L

VOID: RFI  
12 12/16/23 11:00

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Argetsinger 230098

Location

LSPD

**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  $34^{\circ}\text{C} \pm 1^{\circ}\text{C}$ , 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 306.111 through 306.119 RSMo.

DATE 5/30/2023

NUMBER 230098

EXPIRES 5/30/2025

MO 580-0771 (8-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R8-10)

 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

