



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

RECEIVED
 By Tracy Crews at 7:53 am, Aug 14, 2023

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 111753	NAME OF AGENCY Greenwood Police Dept.	DATE OF INSPECTION 08/13/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 709 W Main St, Greenwood, MO.		TIME OF INSPECTION 7:20

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 # 21380 EXP. DATE 09/13/2023
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN SD2285 SIM. NIST EXP DATE 02/27/2024

- 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 ➡ .0101%	TEST 2 ➡ .0102%	TEST 3 ➡ .0101%
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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).

Change Time for Time Change

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Zach 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: 111753
Version no: 532B

TEST RECORD 00392
s/
Temp Date Time 210L

Air Blank: 08/13/23 22:08 .000
Calibration Check: 23 08/13/23 22:08 .101

Subject Name
Test #3
Subject I.D.

Operator Name, I.D.
Argetsinger 230098
Location
Greenwood P.D.

AS IV Serial no: 111753
Version no: 532B

TEST RECORD 00391
s/
Temp Date Time 210L

Air Blank: 08/13/23 22:06 .000
Calibration Check: 23 08/13/23 22:06 .102

Subject Name
Test #2
Subject I.D.

Operator Name, I.D.
Argetsinger 230098
Location
Greenwood P.D.

AS IV Serial no: 111753
Version no: 532B

TEST RECORD 00390
s/
Temp Date Time 210L

Air Blank: 08/13/23 22:04 .000
Calibration Check: 22 08/13/23 22:04 .101

Subject Name
Test #1
Subject I.D.

Operator Name, I.D.
Argetsinger 230098
Location
Greenwood P.D.

AS IV Serial no: 111753
Version no: 532B

TEST RECORD 00389
s/
Temp Date Time 210L

Air Blank: 08/13/23 22:01 .000
Calibration Check: 21 08/13/23 22:01 .000

Subject Name
Dig Readout Test
Subject I.D.

Operator Name, I.D.
Argetsinger 230098
Location
Greenwood P.D.

AS IV Serial no: 111753
Version no: 532B
TEST RECORD 00393
s/
Temp Date Time 210L
VOID: RFI
12 08/13/23 22:09
Subject Name
RFI Test
Subject I.D.

Operator Name, I.D.
Argetsinger 230098
Location
Greenwood P.D.

**GUTH LABORATORIES, INC.**

580 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 **21380** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 15, 2021**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1214%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 13, 2023** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L +/- 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 FN03052002 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

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

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