



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	NAME OF AGENCY <i>Garden City Police</i>	DATE OF INSPECTION <i>08/14/2024</i>
LOCATION OF INSTRUMENT (STREET AND CITY) <i>106 N 3rd St Garden City MO 64747</i>		TIME OF INSPECTION <i>1623</i>

**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
STANDARD SUPPLIER <i>Guth Laboratories</i> LOT # <i>23390</i>	EXP. DATE <i>10/17/2025</i>
SIMULATOR TEMPERATURE (34°C ± 0.2°C) <i>33.99</i> SIM. SN <i>M160</i>	SIM. NIST EXP DATE <i>03/04/2025</i>

- 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 <i>.095</i>	TEST 2 <i>.096</i>	TEST 3 <i>.095</i>
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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)	(.10-.14)	(.15-.19)	(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).

**INSPECTING OFFICER**

SIGNATURE <i>Mishon Clark</i>	PRINT NAME <i>Mishon Clark</i>
TYPE II PERMIT NUMBER/EXPIRATION DATE <i>230160 08/07/2025</i>	TELEPHONE NUMBER <i>816 773 820</i>

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

RECEIVED  
By Tracy Crews at 7:56 am, Aug 16, 2024

AS IV Serial no: 119727  
Version no: 532C

TEST RECORD 00081

Temp Date Time 210L

Air Blank:  
08/14/24 16:23 .000  
Calibration Check:  
22 08/14/24 16:23 .095

Subject Name  
Garden City Police

Subject I.D.  
Test

Operator Name, I.D.  
Mishon Clark 230160

Location  
106 W 3rd St

Garden City MO 64742

AS IV Serial no: 119727  
Version no: 532C

TEST RECORD 00082

Temp Date Time 210L

Air Blank:  
08/14/24 16:25 .000  
Calibration Check:  
22 08/14/24 16:25 .096

Subject Name  
Garden City Police

Subject I.D.  
Test

Operator Name, I.D.  
Mishon Clark 230160

Location  
106 W 3rd St

Garden City MO 64742

AS IV Serial no: 119727  
Version no: 532C

TEST RECORD 00084

Temp Date Time 210L

Air Blank:  
08/14/24 16:28 .000  
Calibration Check:  
24 08/14/24 16:28 .095

Subject Name  
Garden City Police

Subject I.D.  
Test

Operator Name, I.D.  
Mishon Clark 230160

Location  
106 W 3rd Garden City

MO 64742

AS IV Serial no: 119727  
Version no: 532C

TEST RECORD 00085

Temp Date Time 210L

VOID: RFI  
12 08/14/24 16:30

Subject Name  
Garden City Police

Subject I.D.  
Test

Operator Name, I.D.  
Mishon Clark 230160

Location  
106 W 3rd St

Garden City MO 64742



**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



**PERMIT**  
**TYPE II**  
**MISHON CLARK**

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 8/7/2023

NUMBER 230160

EXPIRES 8/7/2025

*Mike Maxson*

DIRECTOR OF 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 CLARK, MISHON  
 Permit No 230160  
 Date Issued 8/7/2023 Date Expires 8/7/2025

