



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

REPORT #7

**RECEIVED**  
By Tracy Crews at 7:50 am, Feb 08, 2022  
**RECEIVED**  
By Tracy Crews at 9:40 am, Feb 07, 2022

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 111327	NAME OF AGENCY Lawson Police Department	DATE OF INSPECTION 06/17/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 1200 S Holden Warrensburg, MO		TIME OF INSPECTION 9:07 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.

- 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                      LOT # 20190                      EXP. DATE 04/06/2022

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00                      SIM. SN MP2108                      SIM. NIST EXP DATE 01/14/2022

- 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 <u>.099</u>	TEST 2 <u>.099</u>	TEST 3 <u>.099</u>
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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	<u>0</u>	(0-.04)	<u>0</u>	(.05-.09)	<u>0</u>	(.10-.14)	<u>0</u>	(.15-.19)	<u>0</u>	(OVER .19)	<u>0</u>
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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).

Replaced 9V battery. Replaced printer ribbon

**INSPECTING OFFICER**

SIGNATURE <i>Donald D DeBoard</i>	PRINT NAME Donald D DeBoard
TYPE II PERMIT NUMBER/EXPIRATION DATE 210124 06/11/2023	TELEPHONE NUMBER (660) 543-8004

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



**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

## CERTIFICATE OF ANALYSIS

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Certified Alcohol Reference Solution for Simulator

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Random Samples of Lot Number **20190** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **April 8, 2020**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1206%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 6, 2022** 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 FN02271802 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.*

AS IV Serial no: 111327  
Version no: 532B

TEST RECORD 00658

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
06/17/21 09:17 .000  
Calibration Check:  
22 06/17/21 09:17 .099

Subject Name

Subject I.D.

DeBOARD

Operator Name, I.D.

Mo Safety Center

Location

AS IV Serial no: 111327  
Version no: 532B

TEST RECORD 00659

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
06/17/21 09:19 .000  
Calibration Check:  
23 06/17/21 09:19 .099

Subject Name

Subject I.D.

DeBOARD

Operator Name, I.D.

Mo Safety Center

Location

AS IV Serial no: 111327  
Version no: 532B

TEST RECORD 00660

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
06/17/21 09:20 .000  
Calibration Check:  
23 06/17/21 09:20 .099

Subject Name

Subject I.D.

DeBOARD

Operator Name, I.D.

Mo Safety Center

Location

AS IV Serial no: 111327  
Version no: 532B

TEST RECORD 00661

Temp Date Time <sup>g/</sup> 210L

VOID: RFI  
12 06/17/21 09:21

Subject Name

Subject I.D.

DeBOARD

Operator Name, I.D.

Mo Safety Center

Location