



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

RECEIVED  
 BY MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 <i>111752</i>	PRINTER SN <i>09B.3589.608</i>	DATE OF INSPECTION <i>2-14-2020</i>
LOCATION OF INSTRUMENT (STREET AND CITY) <i>125 S. JEFFERSON STRAFFORD, MO 65757</i>		TIME OF INSPECTION <i>15:09</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**

- SIMULATOR SOLUTION                       COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER *CVTH LABS*                      LOT # *19341*                      EXP. DATE *11-18-21*
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) *34.0*                      SIMULATOR SN *DR5379*                      SIMULATOR EXP DATE *6-11-20*
- 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>.100</i>	TEST 2 • <i>.100</i>	TEST 3 • <i>.101</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).

*AT TIME OF MAINTENANCE, INSTRUMENT WAS OPERATING IN ACCORDANCE WITH DHSS STANDARDS.*

**INSPECTING OFFICER**

SIGNATURE <i>[Signature]</i>	PRINT NAME <i>KRISTEN MALLORY</i>
TYPE II PERMIT NUMBER/EXPIRATION DATE <i>290135 EXP 6-21-21</i>	TELEPHONE NUMBER <i>417-736-4000</i>

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
 2875 James Boulevard  
 Poplar Bluff, MO 63901



**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 19341 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on November 20, 2019, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1211% (w/vol) ethyl alcohol. The expiration date for this lot number is November 18, 2021 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 FN04271602 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

2

PERMIT  
 TYPE II

KRISTEN J. MALLORY

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 6/21/2019

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 290135

EXPIRES 6/21/2021

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (10-10)

MO 680-0771 (6-10)

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 MALLORY, KRISTEN  
 Permit No 290135  
 Date Issued 6/21/2019 Date Expires 6/21/2021

AS IV Serial no: 111752  
Version no: 532B

TEST RECORD 00547

Temp	Date	Time	a/ 210L

Air Blank:  
02/14/20 15:09 .000  
Calibration Check:  
21 02/14/20 15:09 .100

Subject Name

TEST 1

Subject I.D.

KRISTEN MALLORY

Operator Name, I.D.

125 S. JEFFERSON

Location

STRAFFORD, MO

AS IV Serial no: 111752  
Version no: 532B

TEST RECORD 00548

Temp	Date	Time	a/ 210L

Air Blank:  
02/14/20 15:11 .000  
Calibration Check:  
21 02/14/20 15:11 .100

Subject Name

TEST 2

Subject I.D.

KRISTEN MALLORY

Operator Name, I.D.

125 S. JEFFERSON

Location

STRAFFORD, MO

AS IV Serial no: 111752  
Version no: 532B

TEST RECORD 00549

Temp	Date	Time	a/ 210L

Air Blank:  
02/14/20 15:12 .000  
Calibration Check:  
21 02/14/20 15:12 .101

Subject Name

TEST 3

Subject I.D.

KRISTEN MALLORY

Operator Name, I.D.

125 S. JEFFERSON

Location

STRAFFORD, MO

AS IV Serial no: 111752  
Version no: 532B

TEST RECORD 00550

Temp	Date	Time	a/ 210L

VOID: RFI  
12 02/14/20 15:13

Subject Name

RFI

Subject I.D.

KRISTEN MALLORY

Operator Name, I.D.

125 S. JEFFERSON

Location

STRAFFORD, MO