



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

**RECEIVED**  
By Tracy Crews at 8:46 am, May 23, 2022

**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 107993	PRINTER SN 099.3586.836	DATE OF INSPECTION 05/17/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 9623 SAINT CHARLES ROCK ROAD, BRECKENRIDGE HILLS POLICE DEPARTMENT		TIME OF INSPECTION 6:03 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, INC. LOT # 21380 EXP. DATE 09/13/2023
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN MP6536 SIMULATOR EXP DATE 03/25/2023
- 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 ← .100	TEST 2 ← .099	TEST 3 ← .099
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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).

Maintenance report was done late due to running out of solution. No breath test were conducted iduring that time.

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME RANDY VONCLOEDT
TYPE II PERMIT NUMBER/EXPIRATION DATE 220142 05/11/2024	TELEPHONE NUMBER (314) 426-1214

**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

AS IV Serial no: 107993  
Version no: 532B

AS IV Serial no: 107993  
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AS IV Serial no: 107993  
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TEST RECORD 00983

Temp Date Time 210L  
a/

Air Blank:  
05/17/22 06:43 .000  
Calibration Check:  
20 05/17/22 06:43 .100

Subject Name

Maint.

Subject I.D.

N/A

Operator Name, I.D.

Vn Ckt 287

Location

9623 MOUO

St. Louis MO 63114

| *[Signature]*

TEST RECORD 00984

Temp Date Time 210L  
a/

Air Blank:  
05/17/22 06:45 .000  
Calibration Check:  
21 05/17/22 06:45 .099

Subject Name

Maint.

Subject I.D.

N/A

Operator Name, I.D.

Vn Ckt 287

Location

9623 MOUO

St. Louis MO 63114

| *[Signature]*

TEST RECORD 00985

Temp Date Time 210L  
a/

Air Blank:  
05/17/22 06:47 .000  
Calibration Check:  
22 05/17/22 06:47 .099

Subject Name

Maint.

Subject I.D.

N/A

Operator Name, I.D.

Vn Ckt 287

Location

9623 MOUO

St. Louis MO 63114

| *[Signature]*

AS IV Serial no: 107993  
Version no: 532B

TEST RECORD 00986  
Temp Date Time 210L  
a/

VOID: RFI  
12 05/17/22 06:48

Subject Name  
Mant

Subject I.D.  
N/A

Operator Name, I.D.  
Vn Ckt 287

Location  
9623 MOUO

St. Louis MO 63114

| *[Signature]*



## 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 **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  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ , 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 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**

**RANDY J. VON CLOEDT**

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 5/11/2022

NUMBER 220142

EXPIRES 5/11/2024

*Laura P. Way*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*David J. Nickelson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



**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 VON CLOEDT, RANDY  
 Permit No 220142  
 Date Issued 5/11/2022 Date Expires 5/11/2024

