



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 102466	NAME OF AGENCY Sullivan Police Department	DATE OF INSPECTION 11/13/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 106 Progress Drive Sullivan, MO 63080		TIME OF INSPECTION 8:05 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 Labs LOT # 21380 EXP. DATE 09/13/2023
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN SD 3322 SIM. NIST EXP DATE 01/26/2023
- 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 ← .098	TEST 2 ← .099	TEST 3 ← .098
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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)	1
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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).  
 Instrument operating within Department of Health specifications.

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Jason R. Stockton
TYPE II PERMIT NUMBER/EXPIRATION DATE 210112 / 05-18-23	TELEPHONE NUMBER (573) 468-8001

**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: 102466  
Version no: 532B

TEST RECORD 01257

Temp	Date	Time	s/ 210L
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Air Blank:			
	11/13/22	08:09	.000
Calibration Check:			
	25 11/13/22	08:09	.098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102466  
Version no: 532B

TEST RECORD 01258

Temp	Date	Time	s/ 210L
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Air Blank:			
	11/13/22	08:11	.000
Calibration Check:			
	26 11/13/22	08:11	.099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102466  
Version no: 532B

TEST RECORD 01259

Temp	Date	Time	s/ 210L
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Air Blank:			
	11/13/22	08:12	.000
Calibration Check:			
	26 11/13/22	08:12	.098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102466  
Version no: 532B

TEST RECORD 01260

Temp	Date	Time	s/ 210L
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UOID: RPI			
	12 11/13/22	08:14	

Subject Name

Subject I.D.

Operator Name, I.D.

Location



## 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°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.*