



## 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 119731	NAME OF AGENCY Missouri State Hi		DATE OF INSPECTION 06/01/2024		
LOCATION OF INSTRUMENT (STREET AND CITY) 504 SE Blue Parkway, Lee's Summit, Missouri. 64063  TIME OF INSTRUMENT (STREET AND CITY) 9:32 pm				SPECTION	
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 # 23180 EXP. DATE 05/17/2025					
☑ SIMULATOR TEMPERATURE (34°C ± 0	.2°C) <u>34.00</u> SIM	M. SNMP220	6 SIM. N	NIST EXP I	DATE 11/27/2024
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    .099	TEST 2 ▼ .098		TEST 3 • .09	97	
☑ 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 1 (004)	(.0509) 1	(.1014) 1	(.1519)	2 (	OVER .19) 4
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).  adjust time.					
INSPECTING OFFICER					
SIGNATURE Demonstrate Concepts			PRINT NAME		
TYPE II PERMIT NUMBER/EXPIRATION DATE 230044 03/27/2025			Tpr. D.T. Cra TELEPHONE NUMBE (816) 622-08	R	
Return completed report to the: Breath A	lcohol Program, MO De fax, or email.	partment of Health a			east District Office

AS IV Serial no: 11973'
Version no: 532C

TEST RECORD 00200

Temp Date Time 210L

Air Blank: 06/01/24 21:55 .000
Calibration Check: 29 06/01/24 21:55 .099

Subject Name

Maint Test |
Subject I.D.

Operator Name. I.D.

Troop A
Location

AS IV Serial no: 119731 Version no: 5320

Subject Name
Main + Tist }
Subject I.D.

D.T. Coars 730044
Location A

AS IV Serial no: 119731
Version no: 532C

TEST RECORD 00202

Temp Date Time 2101

Air Blank: 06/01/24 21:59 000
Calibration Check: 30 06/01/24 21:59 097

Subject Name

Main+ Test 3

Subject I D.

D.T. CMY 30044 Location A

AS IV Serial no: 119731 Version no: 5320

TEST RECORD 00203

Temp Date Time 2102 VOID: RFI 12 06/01/24 22:00

Subject Name KFT TST Subject (.D.

D. T. CMIZ 330044 Location



#### 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°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 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 DAVID T. CRAIG

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, INTOX DMT

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections

DATE 3/27/2023

NUMBER 230044

EXPIRES 3/27/2025

DIRECTOR OF DEPARTMENT OF HEALTH AND SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)



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 CRAIG, DAVID Permit No 230044

Date Issued 3/27/2023 Date Expires 3/27/2025

