



# MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

### ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

ASSESS.							
Complete this report in d Send copy to Departmen					ver instrument is repaired.		
ALCO SENSOR IV SN 111632		NAME OF AGENCY Missouri State	Highway Patrol		INSPECTION 2024		
LOCATION OF INSTRUMENT (STREET AND CITY) Troop G Headquarters, Willow Springs				TIME OF 2:40 P	INSPECTION M		
CHECKLIST: Place a ma	rk in the box by eac	h item if found to be satis	factory 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) 19°C							
PRINTER WORKING PROPERLY							
TIME AND DATE DISPLAYING PROPERLY							
BREATH ALCOHOL AC	CURACY STANDA	RDS					
SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE					URE		
STANDARD SUPPLIER Guth Laboratories Inc L			OT # 23180	EXP. DATE 05/17/2025			
SIMULATOR TEMPE	ERATURE (34°C ±	0.2°C) 34.00 SII	M. SN MP2124	SIM. NIST EXI	DATE 02/01/2025		
less. Check the box of 0.100% STAND/	orresponding to the ARD - MUST READ ARD - MUST READ	n. All three tests must be e standard solution being D BETWEEN 0.095% and D BETWEEN 0.076% and D BETWEEN 0.038% and	j used. (PRINTOUT A d 0.105% INCLUSIVI d 0.084% INCLUSIVI	ATTACHED) E E	have a spread of .005 or		
TEST 1 <b>▼</b> .100		TEST 2 <b>▼</b> .101		TEST 3 <b>▼</b> .100			
✓RFI DETECTOR OPE	RATING						
INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)							
REFUSALS 1	(004) 0	(.0509) 1	(.1014) 4	(.1519) 0	(OVER .19) <sup>0</sup>		
List any new parts and destablished limits (use off			vas made to restore	the instrument to operat	e satisfactorily and within		
INSPECTING OFFICER							
SIGNATURE drug				Thomas Meyer			
TYPE II PERMIT NUMBER/EXPIRATION DATE 220218 09/07/2024				TELEPHONE NUMBER (417-469-3121			
Return completed repor		lcohol Program, MO De fax, or email.	partment of Health ar	nd Senior Services, Sout	heast District Office		

Version no: 532B AS IU Serial no: 111632 Temp Subject Name UOID: RFI 12 06/10/24 14:44 TEST RECORD 00257 Date Time 210L

Operator Name, I.D.

Subject I.D.

1. MÉYER ZONAIS Location

chied should shad molling, of chast

AS IV Serial no: 111632 Version no: 532B

Calibration Check: 19 06/10/24 14:46 .100 Air Blank: Temp TEST RECORD 00258 86/18/24 14:46 .888 Date Time 210L

Subject Name

Subject I.D.

Josep He Location Uperator Name, I.D. 1. MEYER 220218

AS IV Serial no: 111632 Version no: 532B

Temp TEST RECORD 00259 Date Time 210L

Calibration Check: 19 86/18/24 14:48 .101 Air Blank: 06/10/24 14:48 .000

Subject Name

Subject I.D.

Operator Name, I.D. 1. MEYER BREAK

Troop Ha Location

Willow Speings

Version no: 532B AS IV Serial no: 111632

Calibration Check: 20 86/10/24 14:49 Temp Air Blank: TEST RECORD 00260 86/18/24 14:49 .888 Date Time 210L

Subject Name

Subject I.D.

Location Operator Name, I.D. ). MEYER BAURUS

Willow Springs I roop Ha



#### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 23180 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 18, 2023, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1220% (w/vol) ethyl alcohol. The expiration date for this lot number is May 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 FN11172002 whose values are traceable to NIST.

All balances are calibrated annually by an ovtside 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

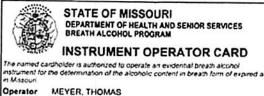
### THOMAS W. MEYER

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 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 9/7/2022	Mile Massur
220210	DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
NUMBER 220218	
EXPIRES 9/7/2024	Daves I. Nicholson
MO 540 0771 (6-19)	DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
	LAD 4 /DC 101



Permit No 220218 Date Issued 9/7/2022 Date Expires 9/7/2024

