

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

RECEIVED By Tracy Crews at 12:24 pm, Sep 06, 2024

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

(744)							
Complete this report in duplicate at the time Send copy to Department of Health and Ser				nd whenev	ver instrument is	repaired.	
ALCO SENSOR IV SN 111641					DATE OF INSPECTION 08/27/2024		
LOCATION OF INSTRUMENT (STREET AND CITY) 119 E Mcpherson, Kirksville MO 63501				TIME OF INSPECTION 6:51 am			
CHECKLIST: Place a mark in the box by each	h item if found to be sati	sfactory or if oners	ating within octablic	had limits	(Write in observe	ad 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							
Z SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE							
STANDARD SUPPLIER Guth	Guth LOT # 22430 EXP. DATE 11/30/2024						
☑ SIMULATOR TEMPERATURE (34°C ±	0.2°C) <u>34</u> s	IM. SNMP	3570 SIM.	NIST EXF	P DATE <u>04/25/2</u>	2025	
 ✓ 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 .105	TEST 2 ☞ .103		TEST 3 🖝 🦯	103			
☑ 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 (004) 0	(.0509)	(.1014) C	(.1515)	0	(OVER .19)	0	
List any new parts and describe any alteratestablished limits (use other side if necessal		was made to res	tore the instrumen	t to operat	te satisfactorily a	nd within	
INSPECTING OFFICER							
SIGNATURE			PRINT NAME Juan Chaire	PRINT NAME Juan Chairez			
TYPE II PERMIT NUMBER/EXPIRATION DATE 240147 EXP 7-3-2026				TELEPHONE NUMBER (660) 785-6945			
Return completed report to the: Breath	Alcohol Program, MO De fax, or email.	epartment of Hea			theast District Off	iice	

AS IV Serial no: 111641 Version no: 532B

TEST RECORD 00099

Temp Date Time 210L

Air Blank:

08/27/24 06:51 .000

Calibration Check: 23 08/27/24 06:51 .105

Subject Name

Test 1

Subject I.D.

Test 1

Operator Name, I.D.

QC 187 CAP 7-3-2026

Location

119 E Mc Pherson

Kirkwith Mo 6350)

AS IV Serial no: 111641 Version no: 532B

TEST RECORD 00100

Temp Date

Air Blank:

08/27/24 06:55 .000

Calibration Check:

24 08/27/24 06:55 .103

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

240147 96 183 7-3-7026

119 1 Mc Pherson

Kirkeville MO67561

AS IV Serial no: 111641 Version no: 532B

TEST RECORD 00101

Temp Date Time 210L

Air Blank:

08/27/24 07:00 .000

Calibration Check:

24 88/27/24 67:00 .103

Subject Name

Test 3

Subject I.II.

Operator Name. I.B. QC 183

Location

1/9 F Milherson

Licksville no 67501

AS IV Serial no: 111641 Version no: 532B

TEST RECORD 00102

Time 210L Temp Date

VOID: RFI

12 08/27/24 07:03

Subject Name

RFI

Subject L.D.

Operator Name, I.D.

Location

119 E Mc Pherson

[ar arille Mo 6750]



STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM



PERMIT TYPE II

JUAN B. CHAIREZ

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

MO 580-0771 (6-10)

LAB-4 (R6-10)

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



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

CHAIREZ, JUAN

Permit No 240147

Date Issued 7/3/2024 Date Expires 7/3/2026





CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 22430 of
Alcohol Reference Solution for Simulator were analyzed by
gas chromatography on December 1, 2022, using a Perkin Elmer Gas
Chromatograph Autosystem XL S/N: 610N9030209, and found to contain
0.1216% (w/vol) ethyl alcohol. The expiration date for this lot
number is November 30, 2024 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.



Missouri Department of Health and Senior Services

P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-6400 RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2466



Paula Nickelson Acting Director

Michael L. Parson Governor

SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: MP3570

Manufacturer: Guth

Model Number:

12V500

Agency:

KIRKSVILLE PD

Agency Address: 119 EAST MCPHERSON, KIRKSVILLE, MO 63501

NIST THERMOMETER INFORMATION

Serial Number:

17KMM00690

Bias:

0.00

Uncertainty:

0.02

Date of Certification:

10/27/2023

Date of Expiration: 10/27/2024

ENVIRONMENTAL CONDITIONS

The environmental conditions during testing are within the tolerances of DHSS BAP method 3.

VERIFICATION RESULTS

Simulator Average

NIST Average

Combined Uncertainty

34.00

34.00

.02

The combined uncertainty is calculated with a k=2 value.

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing:

4/25/2024

Certification Expiration:

4/25/2025

Simulator testing technician: R. SCHILDKNECHT

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving:

Brican Mahra

BRIANNA MEDRANO

Certification No:

MP3570 4252024

DHSS BAP Scientist Approving

Simulator Calibration Certification Issued by Lab Manager, DHSS BAP

Revision Date: 06/25/2022

Breath Alcohol Program 1903 Northwood Drive, Suite 4 Poplar Bluff, MO 63901

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