#### **RECEIVED**

By Tracy Crews at 4:04 pm, Feb 20, 2025



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

#### ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

Complete this report in dupl							- Table 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 -
Send copy to Department of	licate at the tim f Health and Se	e of the regular month nior Services; retain o	nly preventative main riginal in department	tenance check, file.	and when	ever instrument	is repaire
ALCO SENSOR IV SN 10541		NAME OF AGENCY BRECKENRIE	OGE HILLS POLIC	E DEPT		OF INSPECTION	
LOCATION OF INSTRUMENT (STF 9623 ST CHARLES ROC		, MO 63114		TIME OF INSPECTION			
CHECKLIST: Place a mark i where determined.) Unmark	n the box by eaded items must l	ch item if found to be so be corrected before us	atisfactory or if opera	ting within estab	lished limit	ts. (Write in obser	ved value
DIGITAL READOUT (AL							
TEMPERATURE OF AL	.CO SENSOR (	10°C - 40°C)		2.4.1			
PRINTER WORKING P	ROPERLY						
TIME AND DATE DISPL	AYING PROPE	ERLY	I m	1			
BREATH ALCOHOL ACCUI	RACY STANDA	RDS					
SIMULATOR SOLUTION	N		☐ COMPRES	SED ETHANOL	-GAS MIX	TURE	
Z STANDARD SUPPLIER GUTH LABS			LOT # 24310 EXP. DATE 08		TE 08/27/	/2026	
☐ SIMULATOR TEMPERA	TURE (34°C ±	0.2°C)	SIM. SN	SIN			
☐ 0.040% STANDARD	O - MUST REAL	D BETWEEN 0.076% a D BETWEEN 0.038% a	and 0.084% INCLUS	IVE			
EST 1 .105.		TEST 2 .105		TEST 3 ♥ .105.			
.100.		.105		TEST 3 🖝 .	105.		
RFI DETECTOR OPERA							
RFI DETECTOR OPERA	F BREATH TES	STS IN THE FOLLOW	ING RANGES SINC			NCE REPORT:	
RFI DETECTOR OPERATION  NDICATE THE NUMBER OF DO NOT INCLUDE SELF-A  REFUSALS (0-	F BREATH TES DMINISTERED .04) 0	TESTS) (.0509) 0	(.1014) 0	E THE LAST M	<b>AINTENA</b> I	(OVER .19)	0
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NDICATE THE NUMBER OF DO NOT INCLUDE SELF-AREFUSALS (0-List any new parts and descriptions).	F BREATH TES DMINISTERED .04) 0 ribe any alterati side if necessar	TESTS) (.0509)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(.1014) 0	E THE LAST M	Ont to opera	(OVER .19)	

AS IV Serial no: 105451 Version no: 532B

TEST RECORD 01823

Air Blank: 02/19/25 23:38 .000 Calibration Check: 20 02/19/25 23:38 .105

Subject Name

TEST 1 Subject I,D.

Operator Name, I.D.

MULLINS 309

Location

9623 MO-180

ST COUIS, MO 63114

AS IV Serial no: 10545

Air Blank: 02/19/25 23:40 .000 Calibration Check: 21 02/19/25 23:40 .105

Subject Name

TEST 2

Subject I.D.

Operator Name, I.D.

MULLINS 309

Location

9623 MO-180

57 60UIS, MO 63114

AS IV Serial no: 105451 Uersian no: 532B

TEST RECORD 01825

Time 210L

Air Blank:

02/19/25 23:42 .000

Calibration Check: 21 02/19/25 23:42 .105

Subject Name

TEST 3

Subject I.D.

Operator Name, I.D.

MULLINS 309

Location

9623 MO - 180 ST COUIS, MO 63114

AS IV Serial no: 105451 Version no: 532B

TEST RECORD 01826

Time 210L Date

UOID: RFI

12 02/19/25 23:46

Subject Name

RFI TEST

Subject I.D.

Operator Name, I.D.

MULLINS 309

Location

MO-180 9623

ST LOUIS, MO 63/14



## · CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 24310 Alcohol Reference Solution for Simulator were analyzed by chromatography on August 28, 2024, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1209% (w/vol) ethyl alcohol. The expiration date for this lot number is August 27, 2026 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



LAB-4 (R6-10)

## PERMIT TYPE II

### NATHAN MULLINS

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

DATE 8/29/2024

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 240195

EXPIRES 8/29/2026

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)



The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired ai in Missouri.

Operator MULLINS, NATHAN Permit No 240195

Date Issued 8/29/2024 Date Expires 8/29/2026

