RECEIVED

By Tracy Crews at 7:16 am, Oct 28, 2024



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

" WATER !				
Complete this report in duplicate at the time of Send copy to Department of Health and Senior				whenever instrument is repaired.
ALCO SENSOR IV SN 10541	NAME OF AGENCY BRECKENRIDGE	E HILLS POLICE D		ATE OF INSPECTION 0/25/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 9623 ST CHARLES ROCK ROAD, ST LOUIS, MO 63114				ME OF INSPECTION :08 pm
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 # 22430		EXP. DATE 11/30/2024	
SIMULATOR TEMPERATURE (34°C ± 0.	.2°C) SII	M. SN	SIM. NIST EXP DATE	
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 .104	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 (004)	(.0509)	(.1014)	(.1519)	(OVER .19)
List any new parts and describe any alteration established limits (use other side if necessary		was made to restore	the instrument to	operate satisfactorily and within
INSPECTING OFFICER				MILE STREET
SIGNATURE 309			PRINT NAME NATHAN MULLINS	
TYPE II PERMIT NUMBER/EXPIRATION DATE 240195 8/29/2026			TELEPHONE NUMBER (314) 426-1214	
Return completed report to the: Breath Ale by mail, fa	cohol Program, MO De ax, or email.	partment of Health ar	d Senior Services	s, Southeast District Office

Temp Calibration Check: 23 18/25/24 19:18 .184 Air Blank: AS IV Serial no: 105451 Version no: 532B TEST RECORD 01785 19/25/24 19:18 .000 Date Time 210L 9

Subject Name

Subject I.D. TEST

Operator Name, I.D.

Location MULLING 309

9623 MO-180

ST COUIS,MO 63/14

AS IV Serial no: 185451 Version no: 532B

Air Blank: Temp Date Time 210L 18/25/24 19/28 .888 TEST RECORD 01786

Calibration Check: 24 18/25/24 19:28 .183

Subject I.D. N/ATest 2

Subject Name

Operator Name, I.D.

Location MULLINS 309

9623 MO-180

ST 20015, MO 63114

Air Blank: 10/25/24 19:23 .000 Calibration Check: 24 10/25/24 19:23 .103 Temp AS IV Serial no: 185451 Version no: 5328 TEST RECORD 01787 Date Time 210L

Subject Name

Subject I.D. N/A

081.0W E296

ST LOUIS MO 63114

TEST

Operator Name, I.D.

MULCINS 309

Location

ST 40015, MO 63/14

Version no: 532B AS IV Serial no: 185451

Temp TEST RECORD 01788 Date Time 210L

VOID: RFI 12 10/25/24 19:25

Subject Name

Subject I.D. N/A TEST RF

Operator Name, I.D.

MULLING 309

Location 9623 MO-180



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.



STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM



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 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 8/29/2024

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

EXPIRES 8/29/2026

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB4 (R6-10)



STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

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 MULLINS, NATHAN

Permit No 240195

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

