

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

RECEIVED By Tracy Crews at 10:56 am, Jan 13, 2025

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 111649 NAME OF AGENCY Missouri State Highway Patrol LOCATION OF INSTRUMENT (STREET AND CITY) MISHP Zone 14 Office, 4020 N. Main Street, Cassville, Missouri 65625 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)							
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PRINTER WORKING PROPERLY							
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✓ TIME AND DATE DISPLAYING PROPERLY							
BREATH ALCOHOL ACCURACY STANDARDS							
☑ SIMULATOR SOLUTION ☐ COMPRESSED ETHANOL-GAS MIXTURE							
STANDARD SUPPLIER Guth Laboratories, Inc. LOT # 24310 EXP. DATE 08/27/2026							
☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIM. SN MP2150 SIM. NIST EXP DATE 12/04/2025							
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 ● 0.097 TEST 2 ● 0.099 TEST 3 ● 0.099							
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RFI DETECTOR OPERATING INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:							
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T.M. ROYSTER H957 Location

OPerator Name, J.D.

4020 N MAIN ST

CASSVILLE, MO 65425

Temp Date Time 218L Calibration Checkt 22 01/07/25 13:19 ,099 AS IU Seria) not 111649 Version not 532B 01/07/25 13:19 .888 TEST RECORD 88832 AL BLAKE Temp Date Time 218L AS IV Serial no: 111649 TEST RECORD 66831 Version no: 5328

Calibration Check: 21 81/87/25 13:16 .899 01/07/25 13:16 .000 Subject, Name

Ar Blank

Subject Name

Strict I.I.

Acc 3

Acc 2

N/A

T.M. ROYSTER # 957 OFerator Name, J.D. Lorstion 4000 N. MAIL ST

CASSVILLE, MO 65025

CASSULUE, MU 65685

4020 N. MAIN ST.

AS IV Seria) no: 111649 TEST RECENT SESSO Version no: 532B

12 01/07/25 13:20

Subject Name

RFI TEST

Operator Name, I.D. A/Z

T.M. Royster #957

T. M. Royster #957

Perstor Name, J.L.

N/A

4000 N.MAIN ST.

CASSVILLE, MO USE 25



CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 24310 of Alcohol Reference Solution for Simulator were analyzed by gas 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**



PERMIT TYPE II

TRISTAN M. ROYSTER

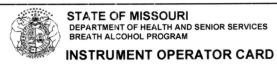
is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

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 3/25/2024	Mile Wassur				
DATE	DIRECTOR OF STATE PUBLIC HEALTH LABORATORY				
NUMBER 240071	Datro				
EXPIRES 3/25/2026	DIRECTOR OF DEPARTMENT OF HEALTH AND SERVICES				
AO 500 0774 (\$ 40)	LAR-4 (R6-1				

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.

ROYSTER, TRISTAN

240071

Date Expires 3/25/2026

