

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

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 111674	NAME OF AGENCY Missouri State Highway Patro		DATE OF 09/04/	INSPECTION 2024
LOCATION OF INSTRUMENT (STREET AND CITY) 102 W N Main St, Richmond, MO 64085		TIME OF 12:3	INSPECTION 7 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 Laboratories LOT # 23390 EXP. DATE 10/17/2025				2025
SIMULATOR TEMPERATURE (34°C ± 0	0.2°C) 33.99 SII	и. SN MP212	SIM. NIST EX	P DATE 11/27/2024
 ✓ 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 .101	TEST 2 ▼ .103		TEST 3 ▼ .102	
☑ 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 alterati				
established limits (use other side if necessary).				
INSPECTING OFFICER		E STATE OF S	PANCE - TV	
SIGNATURE A XXXX			Isaac Kimball	
TYPE II PERMIT NUMBER/EXPIRATION DATE 230322 12/21/2025			(816) 622-0800	
Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.				

AS IV Serial no: 111674 Version no: 532B

TEST RECORD 00634

Temp Date Time 210L

Air Blank: 09/04/24 12:37 .000

Calibration Check: 19 89/84/24 12:37 .181

Subject Name

Test

Subject I.D.

1

Operator Name, I.D.

To. I Kimball #883

Location

Zone 5 Office

AS IV Serial no: 111674 Version no: 532B

TEST RECORD 00635

Temp Date Time 2101.

Air Blank: 09/04/24 12:39 .000

Calibration Check: 20 09/04/24 12:39 .103

Subject Name

Test

Subject I.D.

2

Operator Name, I.D.

Tor. I. Kimball #883

Location

Zone 5 office

AS IV Serial no: 111674 Version no: 532B

TEST RECORD 00637

Temp Date Time 210L

VOID: RFI 12 09/04/24 12:42

Subject Name

Test

Subject I.D.

RFI

Operator Name, I.D.

Tpr. I. Kimball #883

Location

Zone 5 office

AS IV Serial no: 111674 Version no: 532B

TEST RECORD 00636

Temp Date Time 210L

Air Blank:

09/04/24 12:49 .000

Calibration Check:

21 89/84/24 12:40 .102

Subject Name

Test

Subject I.D.

3

Operator Name, I.D.

Tor. I. Kimball #883

Location

Zone 5 Office



CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 23390 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 18, 2023, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1207% (w/vol) ethyl alcohol. The expiration date for this lot number is October 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 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

ISAAC KIMBALL

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.

DATE12/21/2023	While Wassin
	DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
NUMBER 230322	Datrio
EXPIRES 12/21/2025	DIRECTOR OF DEPARTMENT OF HEALTH AND SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

