



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 111641	NAME OF AGENCY Kirksville Police Dept.	DATE OF INSPECTION 06/11/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 119 E McPherson Kirksville		TIME OF INSPECTION 3:29 am

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) 34 SIM. SN MP3570 SIM. NIST EXP DATE 04/25/2025

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 .103 TEST 2 .102 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	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSPECTING OFFICER

SIGNATURE #183	PRINT NAME Juan Chairez
TYPE II PERMIT NUMBER/EXPIRATION DATE 220163 EXP. 6-24-2024	TELEPHONE NUMBER (660) 785-6945

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: 111641
Version no: 532B

TEST RECORD 00073

Temp Date Time ^{s/} 210L

Air Blank:
06/11/24 03:29 .000
Calibration Check:
24 06/11/24 03:29 .103

Subject Name
Test 1

Subject I.D.

PL 220163 6-24-2024
Operator Name, I.D.

PL 183 220163 6-24-2024
Location
Kirksville PD

119 E McPherson Kirksville MO
63501

AS IV Serial no: 111641
Version no: 532B

TEST RECORD 00074

Temp Date Time ^{s/} 210L

Air Blank:
06/11/24 03:32 .000
Calibration Check:
24 06/11/24 03:32 .102

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

PL 183 220163 6-24-2024

Location

Kirksville PD 119 E McPherson

Kirksville MO 63501

AS IV Serial no: 111641
Version no: 532B

TEST RECORD 00075

Temp Date Time ^{s/} 210L

Air Blank:
06/11/24 03:35 .000
Calibration Check:
25 06/11/24 03:35 .102

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

PL 183 220163 6-24-2024

Location

Kirksville PD 119 E McPherson

Kirksville MO 63501

AS IV Serial no: 111641
Version no: 532B

TEST RECORD 00076

Temp Date Time ^{s/} 210L

VOID: RFI
12 06/11/24 03:37

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

PL 183 220163 6-24-2024

Location

Kirksville PD 119 E McPherson

Kirksville MO 63501



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L \pm 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

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 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 6/24/2022

NUMBER 220163

EXPIRES 6/24/2024

MO 550-0771 (d.10)

Mike Massman

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. Richards

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAU-4 (10-10)

STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

This permit cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath from an expired air in Missouri.

Operator: CHAIREZ, JUAN
Permit No: 220163
Date Issued: 6/24/2022 Date Expires: 6/24/2024

