



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 035714	PRINTER SN 092.3576.249	DATE OF INSPECTION 01/23/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 203 Veterans Memorial Parkway, Wright City, Missouri, 63390		TIME OF INSPECTION 10:30 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 Labrotories LOT # 23390 EXP. DATE 10/17/2025

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0C SIMULATOR SN SD2745 SIMULATOR EXP DATE 05/10/2024

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 .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	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 	PRINT NAME M. Lackey
TYPE I PERMIT NUMBER/EXPIRATION DATE 220101 02/23/2024	TELEPHONE NUMBER (636) 745-3541

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
 2875 James Boulevard
 Poplar Bluff, MO 63901

AS IV Serial no: 035714
Version no: 532B

TEST RECORD 01548
s/
Temp Date Time 210L

Air Blank:
01/23/24 10:35 .000
Calibration Check:
21 01/23/24 10:35 .104

Subject Name
Blank
Subject I.D.
114

Operator Name, I.D.
Lockey 114
Location
203 VMP

Wright City, MO

AS IV Serial no: 035714
Version no: 532B

TEST RECORD 01549
s/
Temp Date Time 210L

Air Blank:
01/23/24 10:37 .000
Calibration Check:
22 01/23/24 10:37 .103

Subject Name
Blank
Subject I.D.
114

Operator Name, I.D.
Lockey 114
Location
203 VMP

Wright City

AS IV Serial no: 035714
Version no: 532B

TEST RECORD 01550
s/
Temp Date Time 210L

Air Blank:
01/23/24 10:39 .000
Calibration Check:
23 01/23/24 10:39 .103

Subject Name
Blank
Subject I.D.
114

Operator Name, I.D.
Lockey 114
Location
203 VMP

Wright City

AS IV Serial no: 035714
Version no: 532B

TEST RECORD 01551
s/
Temp Date Time 210L

VOID: RFI
12 01/23/24 10:41

Subject Name
Blank
Subject I.D.
114

Operator Name, I.D.
Lockey 114
Location
203 VMP

Wright City



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 **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 $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$, 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 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
MATT LACKEY

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 3/23/2022

NUMBER 220101

EXPIRES 3/23/2024

Laura E. Wray

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Davea L. Nielson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

 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 LACKEY, MATT
 Permit No 220101
 Date Issued 3/23/2022 Date Expires 3/23/2024

