



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Tracy Crews at 8:25 am, Mar 22, 2022

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 030810	PRINTER SN 84.9324.143	DATE OF INSPECTION 03/17/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 1207 South Main Street El Dorado Springs		TIME OF INSPECTION 11:24

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 Inc LOT # 21380 EXP. DATE 09/13/2023
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIMULATOR SN MP2946 SIMULATOR EXP DATE 02/22/2023

- 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 = <u>.103</u>	TEST 2 = <u>.102</u>	TEST 3 = <u>.102</u>
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- 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 <u>0</u>	(0-.04) <u>0</u>	(.05-.09) <u>0</u>	(.10-.14) <u>0</u>	(.15-.19) <u>2</u>	(OVER .19) <u>0</u>
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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).

Time Adjusted To Daylight Saving Time

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Jarrod Schiereck
TYPE II PERMIT NUMBER/EXPIRATION DATE 200225/08/13/2022	TELEPHONE NUMBER (417) 876-2313

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: 030810
Version no: 532B

TEST RECORD 00441

Temp Date Time 210L
s/

Air Blank:
03/17/22 11:24 .000
Subject Test: Auto
23 03/17/22 11:24 .000

Subject Name

BLANK TEST
Subject I.D.

Operator Name, I.D. 109
Jarrod Schiereck
Location
1207 SOUTH MAIN
EL Dorado Springs

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00442

Temp Date Time 210L
s/

Air Blank:
03/17/22 11:25 .000
Calibration Check:
23 03/17/22 11:25 .103

Subject Name

TEST #1
Subject I.D.

Operator Name, I.D. 109
Jarrod Schiereck
Location
1207 SOUTH MAIN
EL Dorado Springs

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00443

Temp Date Time 210L
s/

Air Blank:
03/17/22 11:27 .000
Calibration Check:
23 03/17/22 11:27 .102

Subject Name

TEST #2
Subject I.D.

Operator Name, I.D. 109
Jarrod Schiereck
Location
1207 SOUTH MAIN
EL Dorado Springs

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00444

Temp Date Time 210L
s/

Air Blank:
03/17/22 11:29 .000
Calibration Check:
23 03/17/22 11:29 .102

Subject Name

TEST #3
Subject I.D.

Operator Name, I.D. 109
Jarrod Schiereck
Location
1207 SOUTH MAIN
EL Dorado Springs

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00445

Temp Date Time 210L
s/

VOID: RFI
12 03/17/22 11:31

Subject Name

R.F.I TEST
Subject I.D.

Operator Name, I.D. 109
Jarrod Schiereck
Location
1207 SOUTH MAIN
EL Dorado Springs



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 **21380** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 15, 2021**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1214%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 13, 2023** 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.

