

RECEIVED

By Tracy Crews at 9:56 am, Jun 15, 2020



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 087978	PRINTER SN 84.9324.153	DATE OF INSPECTION 06/07/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 109 North Second Street Owensville		TIME OF INSPECTION 2:06 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 # 19370 EXP. DATE 12/09/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD 2300 SIMULATOR EXP DATE 02/07/2021

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 .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	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	1
----------	---	---------	---	-----------	---	-----------	---	-----------	---	------------	---

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).

Instrument operating satisfactorily and within established limits.

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME  
Jonathan Scott Griffith

TYPE II PERMIT NUMBER/EXPIRATION DATE  
290108/05-21-2021

TELEPHONE NUMBER  
(573) 437-2195

**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: 087978  
Version no: 532B

TEST RECORD 00479

Temp Date Time 210L <sup>s/</sup>

Air Blank:  
06/07/20 14:06 .000  
Subject Test: Auto  
22 06/07/20 14:06 .000

Subject Name

Subject I.D.

Blank Test

Operator Name, I.D.

GRIFFITH 104

Location

Owensville PD

AS IV Serial no: 087978  
Version no: 532B

TEST RECORD 00480

Temp Date Time 210L <sup>s/</sup>

Air Blank:  
06/07/20 14:09 .000  
Calibration Check:  
23 06/07/20 14:09 .103

Subject Name

Subject I.D.

Check 1

Operator Name, I.D.

GRIFFITH 104

Location

Owensville PD

AS IV Serial no: 087978  
Version no: 532B

TEST RECORD 00481

Temp Date Time 210L <sup>s/</sup>

Air Blank:  
06/07/20 14:12 .000  
Calibration Check:  
23 06/07/20 14:12 .103

Subject Name

Subject I.D.

Check 2

Operator Name, I.D.

GRIFFITH 104

Location

Owensville PD

AS IV Serial no: 087978  
Version no: 532B

TEST RECORD 00482

Temp Date Time 210L <sup>s/</sup>

Air Blank:  
06/07/20 14:15 .000  
Calibration Check:  
24 06/07/20 14:15 .102

Subject Name

Subject I.D.

Check 3

Operator Name, I.D.

GRIFFITH 104

Location

Owensville PD

AS IV Serial no: 087978  
Version no: 532B

TEST RECORD 00483

Temp Date Time 210L <sup>s/</sup>

VOID: RFI  
12 06/07/20 14:18

Subject Name

Subject I.D.

Check-RFI

Operator Name, I.D.

GRIFFITH 104

Location

Owensville PD



## GUTH LABORATORIES, INC.

690 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 19370 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on December 10, 2019, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1199% (w/vol) ethyl alcohol. The expiration date for this lot number is December 9, 2021 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 FN04271602 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

2

**PERMIT  
 TYPE II**

**JONATHAN S GRIFFITH**

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 5/21/2019

  
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 290108

EXPIRES 5/21/2021

  
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES