



**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 094801 Oakview MO	PRINTER SN 097.3584.332	DATE OF INSPECTION 08/24/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 6404 N. Locust, Oakview MO 64118 Oakview City Hall		TIME OF INSPECTION 6:30 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 # 16080 EXP. DATE 03/07/2018

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN DR6927 SIMULATOR EXP DATE 03/08/2017

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 .099

TEST 2 .098

TEST 3 .098

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).

monthly test for the unit, needed a new battery, paper, and alcohol reference solution is in.

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME  
D. Littlejohn #230074

TYPE II PERMIT NUMBER/EXPIRATION DATE  
250113-05/14/2017

TELEPHONE NUMBER  
(816) 436-9150

**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



## 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 **16080** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **March 9, 2016**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1210%** (w/vol) ethyl alcohol. The expiration date for this lot number is **March 7, 2018** 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 FN08051301 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.*

AS IV Serial no: 094801  
Version no: 532B

TEST RECORD 00374

Temp	Date	Time	s/	210L
Air Blank:				
	08/24/16	19:07	.000	
Calibration Check:				
	29	08/24/16	19:07	.098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094801  
Version no: 532B

TEST RECORD 00375

Temp	Date	Time	s/	210L
Air Blank:				
	08/24/16	19:08	.000	
Calibration Check:				
	30	08/24/16	19:08	.098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

Version no: 532B

TEST RECORD 00373

Temp	Date	Time	s/	210L
Air Blank:				
	08/24/16	19:06	.000	
Calibration Check:				
	29	08/24/16	19:06	.099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

**CERTIFIED ALCOHOL REFERENCE SOLUTION FOR SIMULATOR**

<u>16080</u> LOT NO.	<u>3/7/16</u> MFG. DATE	<u>3/7/18</u> EXP. DATE
<u>275 Gal.</u> LOT VOL.	<u>500 ML</u> BOT. VOL.	<u>        </u> BOT. NO.

When this reference solution is used with a breath simulator certified by Guth Laboratories, a properly operating instrument will read 0.10  
For additional information contact:

Guth Laboratories, Inc.  
590 North 67<sup>th</sup> Street, Harrisburg, PA 17111  
Toll Free 800-233-2338  
Rev. 4/02



AS IV Serial no: 094801  
Version no: 532B

TEST RECORD 00376

Temp	Date	Time	s/	210L
VOID: RFI				
	12	08/24/16	19:11	

Subject Name

Subject I.D.

Operator Name, I.D.

Location



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

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**PERMIT  
 TYPE II**

**DWON L LITTLEJOHN**

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 5/14/2015

NUMBER 250113

EXPIRES 5/14/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

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 LITTLEJOHN, DWON  
 Permit No 250113  
 Date Issued 5/14/2015 Date Expires 5/14/2017