



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**  
By Carol Day at 8:56 am, Jul 09, 2014

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 097419	PRINTER SN 096.3580.861	DATE OF INSPECTION 07/01/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 301 S Main Palmyra		TIME OF INSPECTION 8:58 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 Laboratories LOT # 14110 EXP. DATE 05/01/2016
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN DR5308 SIMULATOR EXP DATE 07/10/2014

- 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 → .099	TEST 3 → .100
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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	1	(0-.04)	1	(.05-.09)	0	(.10-.14)	1	(.15-.19)	1	(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).

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Ronald C. Peer, Jr.
TYPE II PERMIT NUMBER/EXPIRATION DATE 220183/08-03-2014	TELEPHONE NUMBER (573) 769-5540

**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: 097419  
Version no: 532B

TEST RECORD 00053

Temp Date Time 210L s/

Air Blank:  
07/01/14 08:58 .000  
Calibration Check:  
21 07/01/14 08:58 .099

Subject Name

*CALIBRATION CHECK*

Subject I.D.

Operator Name I.D.

*Ronald Chief #501*

Location

*PALMYRA PD*

AS IV Serial no: 097419  
Version no: 532B

TEST RECORD 00054

Temp Date Time 210L s/

Air Blank:  
07/01/14 09:00 .000  
Calibration Check:  
22 07/01/14 09:00 .099

Subject Name

*CALIBRATION CHECK*

Subject I.D.

Operator Name I.D.

*Ronald Chief #501*

Location

*PALMYRA PD*

AS IV Serial no: 097419  
Version no: 532B

TEST RECORD 00055

Temp Date Time 210L s/

Air Blank:  
07/01/14 09:01 .000  
Calibration Check:  
23 07/01/14 09:01 .100

Subject Name

*CALIBRATION CHECK*

Subject I.D.

Operator Name I.D.

*Ronald Chief #501*

Location

*PALMYRA PD*

AS IV Serial no: 097419  
Version no: 532B

TEST RECORD 00056

Temp Date Time 210L s/

VOID: RFI  
12 07/01/14 09:02

Subject Name

*RFI TEST*

Subject I.D.

Operator Name I.D.

*Ronald Chief #501*

Location

*PALMYRA PD*

State of Missouri  
DEPARTMENT OF HEALTH



PERMIT  
TYPE II



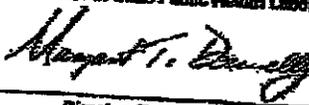
RONALD C PEER JR

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 08/03/2012  
Number 220183  
Expires 08/03/2014

  
Director of State Public Health Laboratory  
  
Director, Department of Health

MO 580-0771 (7-00)

Lab. 4 (8/83)



# GUTH LABORATORIES, INC.

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

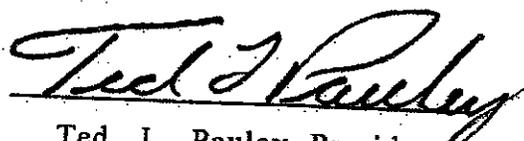
## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14110 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 5, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1206% (w/vol) ethyl alcohol. The expiration date for this lot number is May 1, 2016 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 EN122211-02 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.