





**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 14220 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 25, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1209% (w/vol) ethyl alcohol. The expiration date for this lot number is September 24, 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 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.*



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

2

**PERMIT  
 TYPE II**

**RONALD L KILLINGSWORTH**

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, INTOX EC/IR II**

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 1/20/2015

NUMBER 250025

EXPIRES 1/20/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

,acting director

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 KILLINGSWORTH, RONALD  
 Permit No 250025  
 Date Issued 1/20/2015 Date Expires 1/20/2017

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00699

Temp Date Time 210L

Air Blank:

08/05/15 14:02 .000

Calibration Check:

25 08/05/15 14:02 .098

Subject Name

Test 1

Subject I.D.

Killingsworth, Ronald L.

Operator Name, I.D.

250025 / 01-20-17

Location

GCSO

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00700

Temp Date Time 210L

Air Blank:

08/05/15 14:03 .000

Calibration Check:

26 08/05/15 14:03 .098

Subject Name

Test 2

Subject I.D.

Killingsworth, Ronald L.

Operator Name, I.D.

250025 / 01-20-17

Location

GCSO

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00701

Temp Date Time 210L

Air Blank:

08/05/15 14:05 .000

Calibration Check:

26 08/05/15 14:05 .098

Subject Name

Test 3

Subject I.D.

Killingsworth, Ronald L.

Operator Name, I.D.

250025 / 01-20-17

Location

GCSO

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00702

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

VOID: RFI  
12 08/05/15 14:06

Subject Name  
*RFF Test*

Subject I.D.  
*Killingsworth, Ronald C.*

Operator Name, I.D.  
*250025 / 01-20-17*

Location  
*GCSO*

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00703

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

Air Blank  
08/05/15 14:07 .000  
Calibration Check  
08/05/15 14:07 .000

Subject Name  
*Acc. Check*

Subject I.D.  
*Killingsworth, Ronald C.*

Operator Name, I.D.  
*250025 / 01-20-17*

Location  
*GCSO*