



GUTH LABORATORIES, INC.

690 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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, 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 FN122211-02 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.

AS IV Serial no: 899362
Version no: 502B

TEST RECORD 00239 s/
Temp Date Time 210L

Air Blank:
12/29/14 20:48 .000
Calibration Check:
22 12/29/14 20:48 .103

Subject Name
Test #1
Subject I.D.
C. Hair
Operator Name, I.D.
GLUPD
Location

AS IV Serial no: 899362
Version no: 502B

TEST RECORD 00239 s/
Temp Date Time 210L

Air Blank:
12/29/14 20:53 .000
Calibration Check:
23 12/29/14 20:53 .102

Subject Name
Test #2
Subject I.D.
C. Hair
Operator Name, I.D.
GLUPD
Location

AS IV Serial no: 899362
Version no: 502B

TEST RECORD 00240 s/
Temp Date Time 210L

Air Blank:
12/29/14 20:59 .000
Calibration Check:
23 12/29/14 20:59 .103

Subject Name
Test #3
Subject I.D.
C. Hair
Operator Name, I.D.
GLUPD
Location

AS IV Serial no: 899362
Version no: 502B

TEST RECORD 00241 s/
Temp Date Time 210L

WUIP: EVJ
12 12/29/14 00:00

Subject Name
RFI Test
Subject I.D.
C. Hair
Operator Name, I.D.
GLUPD
Location



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

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PERMIT
TYPE II
CHRISTOPHER HEIN

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 12/31/2013

NUMBER 230341

EXPIRES 12/31/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

*** 690-0771 (6-10)

LAB-1 (RG-10)

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 HEIN, CHRISTOPHER
 Permit No 230341
 Date Issued 12/31/2013 Date Expires 12/31/2015