



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 **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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, 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 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

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PERMIT
TYPE II
BRIAN C. WOODS

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 8/29/2018

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 280266

EXPIRES 8/29/2020

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 WOODS, BRIAN
 Permit No 280266
 Date Issued 8/29/2018 Date Expires 8/29/2020



AS IV Serial no: 099361
Version no: 532B

TEST RECORD 00721

Temp	Date	Time	s/210L
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Air Blank:
08/08/20 08:16 .000
Calibration Check:
21 08/08/20 08:16 .184

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

B.C. Woods, 782

Location

AS IV Serial no: 099361
Version no: 532B

TEST RECORD 00722

Temp	Date	Time	s/210L
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Air Blank:
08/08/20 08:18 .000
Calibration Check:
22 08/08/20 08:18 .182

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

B.C. Woods, 782

Location

AS IV Serial no: 099361
Version no: 532B

TEST RECORD 00723

Temp	Date	Time	s/210L
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Air Blank:
08/08/20 08:20 .000
Calibration Check:
22 08/08/20 08:20 .163

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

B.C. Woods, 782

Location

AS IV Serial no: 099361
Version no: 532B

TEST RECORD 00724

Temp	Date	Time	s/210L
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NOID: RFI
12 08/08/20 08:22

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

B.C. Woods, 782

Location

AS IV Serial no: 099361
Version no: 532B

TEST RECORD 00725

Temp	Date	Time	s/210L
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Air Blank:
08/08/20 08:24 .000
Subject Test: Auto
23 08/08/20 08:24 .000

Subject Name

Blank Test

Subject I.D.

Operator Name, I.D.

B.C. Woods, 782

Location