



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



PERMIT
TYPE II

MICHAEL RICHARDSON

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 4/3/2014

NUMBER 240127

EXPIRES 4/3/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

AS IV Serial no: 099364
Version no: 532B

TEST RECORD 00157

Temp Date Time 210L
s/

VOID: RFI
12 05/11/14 19:12

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 099364
Version no: 532B

TEST RECORD 00158

Temp Date Time 210L
s/

Air Blank:
05/11/14 19:32 .000
Calibration Check:
27 05/11/14 19:32 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 099364
Version no: 532B

TEST RECORD 00160

Temp Date Time 210L
s/

Air Blank:
05/11/14 19:36 .000
Calibration Check:
27 05/11/14 19:36 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 099364
Version no: 532B

TEST RECORD 00159

Temp Date Time 210L
s/

Air Blank:
05/11/14 19:34 .000
Calibration Check:
27 05/11/14 19:34 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location



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 **14030** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **January 22, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1215%** (w/vol) ethyl alcohol. The expiration date for this lot number is **January 20, 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 FNI22211-02 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.