



GUTH LABORATORIES, INC.
880 NORTH 67th STREET • WASHINGTON, MISSOURI 63090 • TELEPHONE: 717-684-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13010 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 14, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1218% (w/vol) ethyl alcohol. The expiration date for this lot number is January 9, 2015 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 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: 046408
Version no: 004C

TEST RECORD 00551

Temp Date Time 210L 9/

Air Blank: 04/26/14 15:30 .000
Calibration Check: 19 04/26/14 15:30 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 046408
Version no: 004C

TEST RECORD 00552

Temp Date Time 210L 9/

Air Blank: 04/26/14 15:31 .000
Calibration Check: 19 04/26/14 15:31 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 046408
Version no: 004C

TEST RECORD 00553

Temp Date Time 210L 9/

Air Blank: 04/26/14 15:33 .000
Calibration Check: 20 04/26/14 15:33 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 046408
Version no: 004C

TEST RECORD 00555

Temp Date Time 210L 9/

Void: RFI
12 04/26/14 15:35

Subject Name

Subject I.D.

Operator Name, I.D.

Location

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



MARK HARTMAN

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 09/25/2012

Number 220298

Expires 09/25/2014

Director of State Public Health Laboratory

Director, Department of Health