



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

Rcd 7/15/15
SM3

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14270 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 3, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.3630%** (w/vol) ethyl alcohol. The expiration date for this lot number is **December 2, 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 **0.300 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 FN09061305 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.

SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100668

Date: 07/23/2015
Time: 09:41:17

SUPERVISOR NAME:
BRANDI BARNETT
OPERATOR'S #: 7038

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.300

BLANK TEST	0.000	09:42
INTERNAL STANDARD	VERIFIED	09:42
EXTERNAL STANDARD	0.301	09:42
BLANK TEST	0.000	09:44
EXTERNAL STANDARD	0.301	09:44
BLANK TEST	0.000	09:45
EXTERNAL STANDARD	0.301	09:45
BLANK TEST	0.000	09:46
EXTERNAL STANDARD	0.301	09:47
BLANK TEST	0.000	09:47
EXTERNAL STANDARD	0.301	09:48
BLANK TEST	0.000	09:49

Average = 0.3010
Std Dev = 0.0000

Guth 14270
exp 12/2/2016
Rcd 7/15/15
same lot as previous

