



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

Rec'd 11/8/15 JWS

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **15130** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 12, 2015**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.2416%** (w/vol) ethyl alcohol. The expiration date for this lot number is **May 11, 2017** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.200 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 FN03211401 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: 100377

Date: 11/24/2015
Time: 13:45:13

SUPERVISOR NAME:
CHARLES FOSTER
OPERATOR'S #: 7734

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.200

BLANK TEST	0.000	13:46
INTERNAL STANDARD	VERIFIED	13:46
EXTERNAL STANDARD	0.202	13:46
BLANK TEST	0.000	13:47
EXTERNAL STANDARD	0.203	13:48
BLANK TEST	0.000	13:49
EXTERNAL STANDARD	0.203	13:49
BLANK TEST	0.000	13:50
EXTERNAL STANDARD	0.204	13:50
BLANK TEST	0.000	13:51
EXTERNAL STANDARD	0.204	13:52
BLANK TEST	0.000	13:53

Average = 0.2032
Std Dev = 0.0008

Guth 15130

Exp: 5/11/17

Simulator:

Guth SD1198

Calibrated 8/5/15

Same lot as current
CRF 11/25/15

