



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-584-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **14150** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **June 3, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.3634%** (w/vol) ethyl alcohol. The expiration date for this lot number is **June 2, 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 **0.300 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 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: 100362

Date: 08/07/2014
 Time: 14:21:09

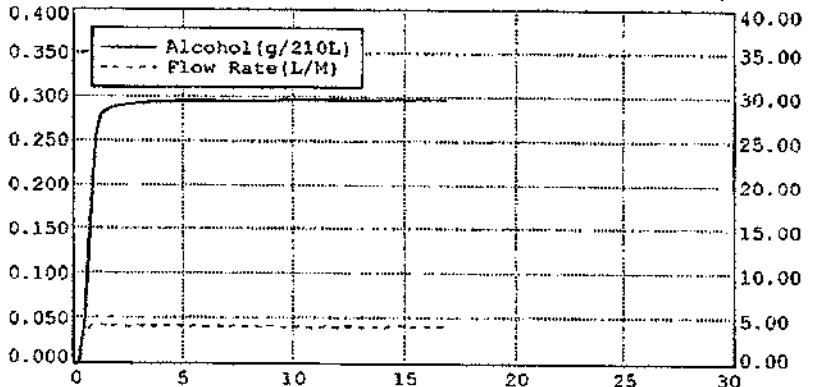
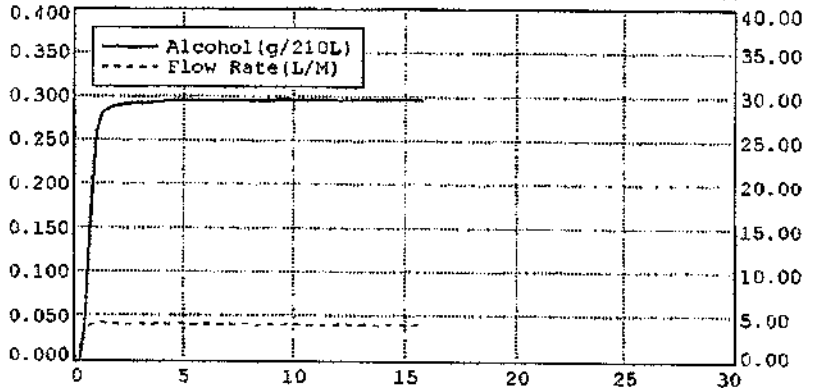
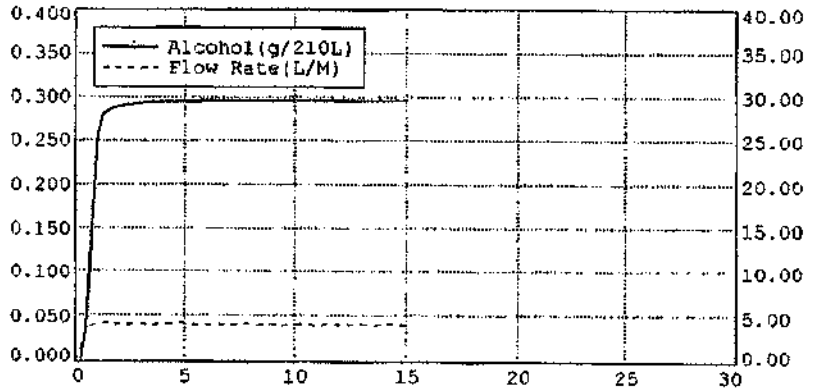
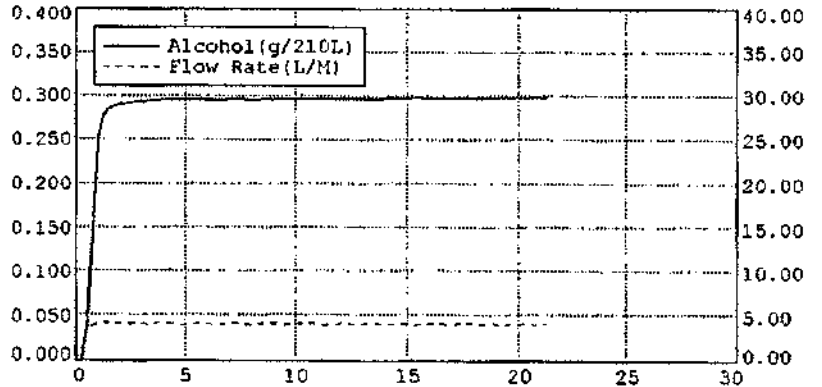
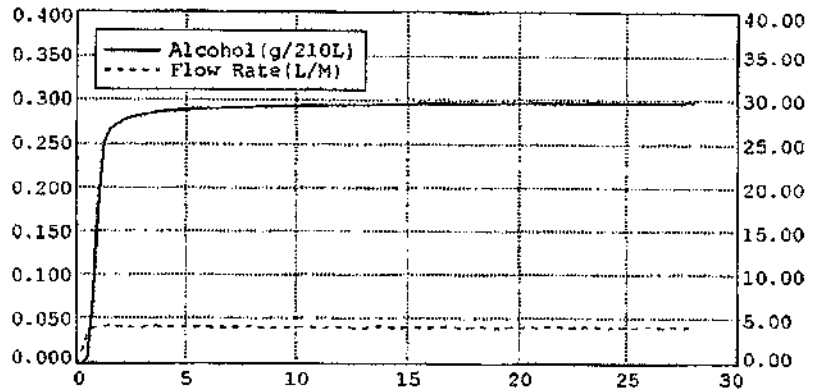
SUPERVISOR NAME:
 COLLEEN S OBRYANT
 OPERATOR'S #: 6237

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.300

BLANK TEST	0.000	14:22
INTERNAL STANDARD	VERIFIED	14:22
EXTERNAL STANDARD	0.298	14:23
BLANK TEST	0.000	14:24
EXTERNAL STANDARD	0.298	14:24
BLANK TEST	0.000	14:25
EXTERNAL STANDARD	0.297	14:25
BLANK TEST	0.000	14:26
EXTERNAL STANDARD	0.297	14:27
BLANK TEST	0.000	14:28
EXTERNAL STANDARD	0.297	14:28
BLANK TEST	0.000	14:29

Average = 0.2980
 Std Dev = 0.0006

Both 14150
Exp 6/2/10
Simulator S/N DR6067
Calibrated 11/5/13
COB 8/4/14
Arg - 0.299
COB 8/4/14



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100377

Date: 08/07/2014
 Time: 13:04:13

SUPERVISOR NAME:
 COLLEEN S O'BRYANT
 OPERATOR'S #: 6237

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.300

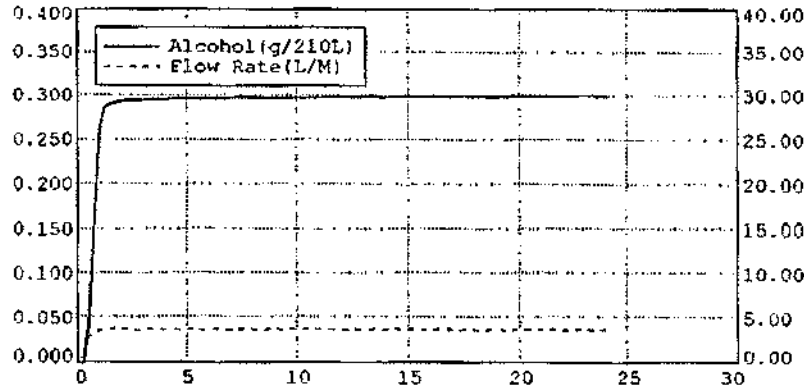
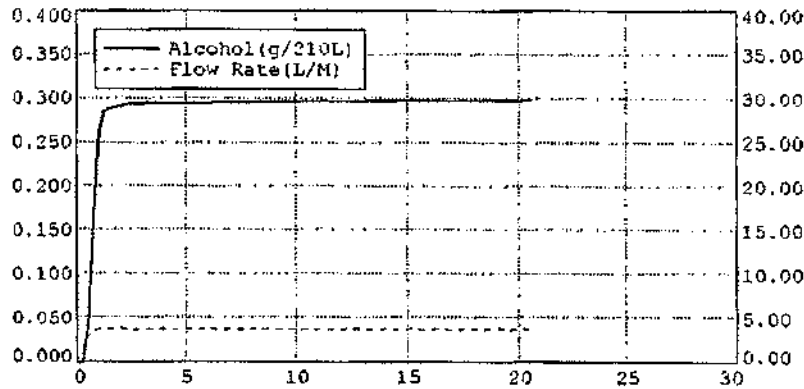
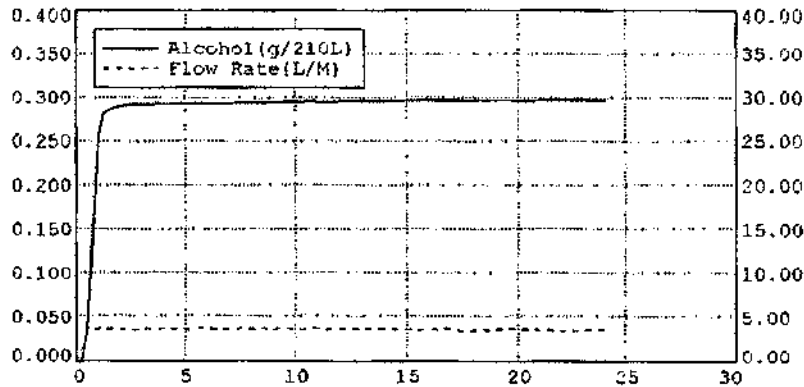
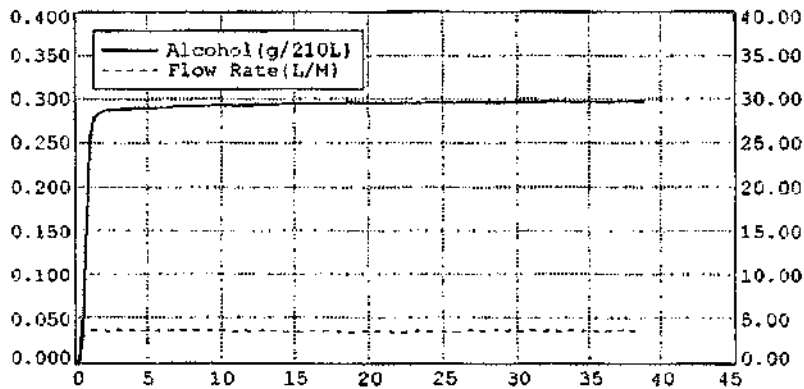
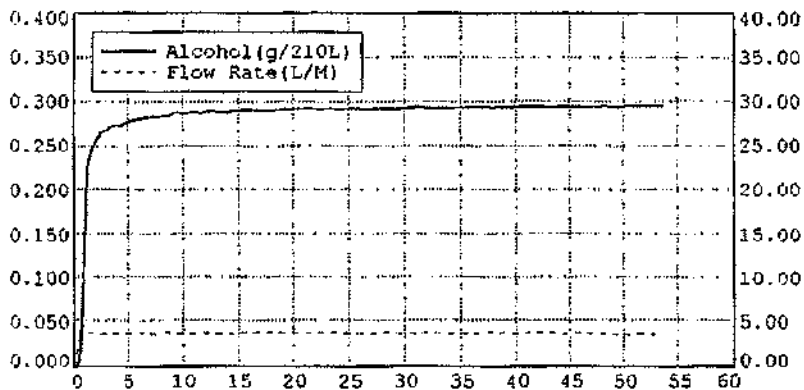
BLANK TEST	0.000	13:05
INTERNAL STANDARD	VERIFIED	13:05
EXTERNAL STANDARD	0.295	13:06
BLANK TEST	0.000	13:07
EXTERNAL STANDARD	0.297	13:08
BLANK TEST	0.000	13:09
EXTERNAL STANDARD	0.298	13:09
BLANK TEST	0.000	13:10
EXTERNAL STANDARD	0.298	13:10
BLANK TEST	0.000	13:11
EXTERNAL STANDARD	0.300	13:12
BLANK TEST	0.000	13:13

Average = 0.2980
 Std Dev = 0.0018

*Goth 14/50
 Exp 6/2/16*

*Simulator SN DR6267
 calibrated 11/5/13*

COB 8/7/14



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100668

Date: 08/07/2014
 Time: 13:18:25

SUPERVISOR NAME:
 COLLEEN S OBRYANT
 OPERATOR'S #: 6237

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.300

BLANK TEST	0.000	13:19
INTERNAL STANDARD	VERIFIED	13:19
EXTERNAL STANDARD	0.302	13:20
BLANK TEST	0.000	13:21
EXTERNAL STANDARD	0.302	13:21
BLANK TEST	0.000	13:22
EXTERNAL STANDARD	0.302	13:22
BLANK TEST	0.000	13:23
EXTERNAL STANDARD	0.302	13:24
BLANK TEST	0.000	13:25
EXTERNAL STANDARD	0.302	13:25
BLANK TEST	0.000	13:26

Average = 0.3026
 Std Dev = 0.0000

*Guth 14150
 Exp 6/2/16*

*Simulator S/N DR6267
 Calibrated 11/5/13*

COB 8/1/14 COB 8/7/14

