

Rec'd 11/6/15 CLK



**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 **15220** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 30, 2015**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1214%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 28, 2017** 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 FN08051301 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: 13:33:34

SUPERVISOR NAME:  
CHARLES FOSTER  
OPERATOR'S #: 7734

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.100

BLANK TEST	0.000	13:34
INTERNAL STANDARD	VERIFIED	13:34
EXTERNAL STANDARD	0.098	13:35
BLANK TEST	0.000	13:36
EXTERNAL STANDARD	0.099	13:36
BLANK TEST	0.000	13:37
EXTERNAL STANDARD	0.099	13:37
BLANK TEST	0.000	13:38
EXTERNAL STANDARD	0.099	13:38
BLANK TEST	0.000	13:39
EXTERNAL STANDARD	0.099	13:40
BLANK TEST	0.000	13:41

Average = 0.0988  
Std Dev = 0.0004

Guth 15220

Exp: 9/28/17

Simulator:

Guth DR5298

Calibrated 8/5/15

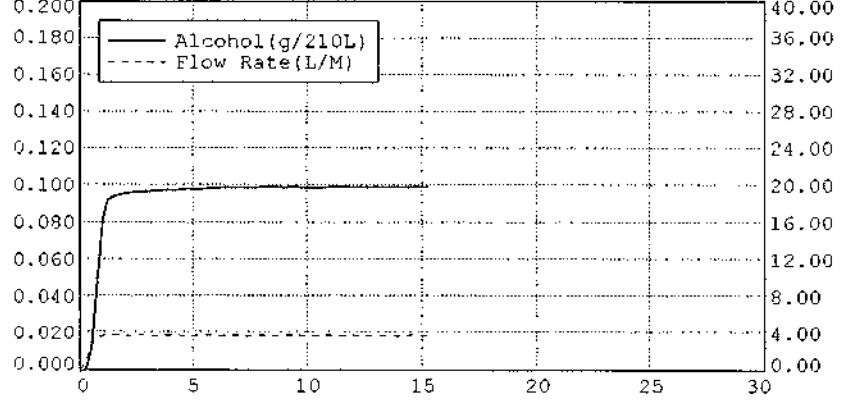
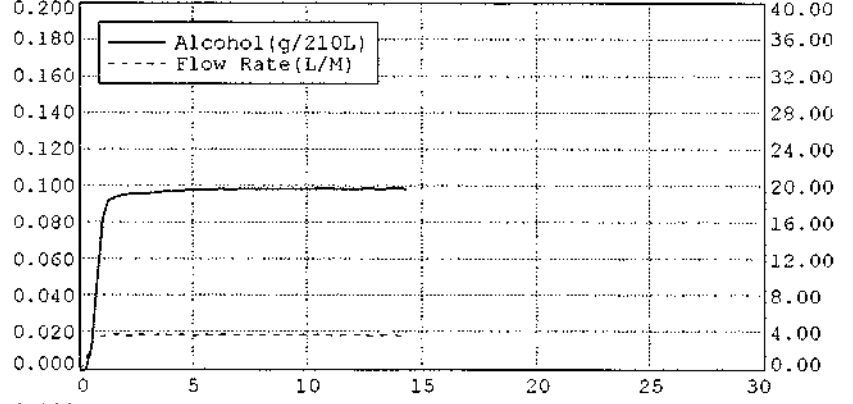
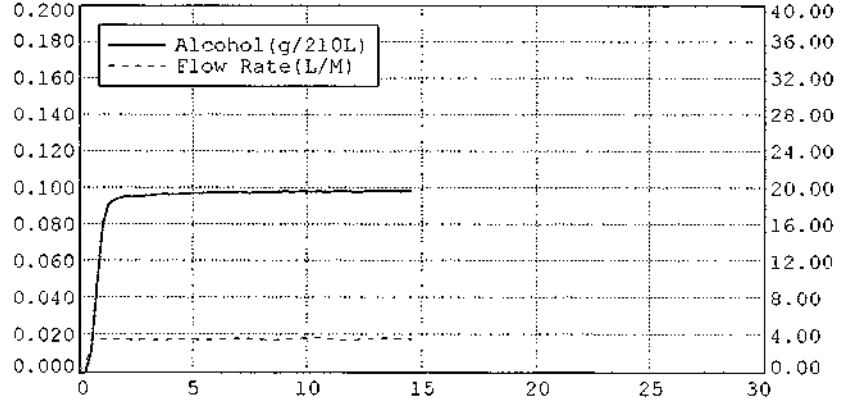
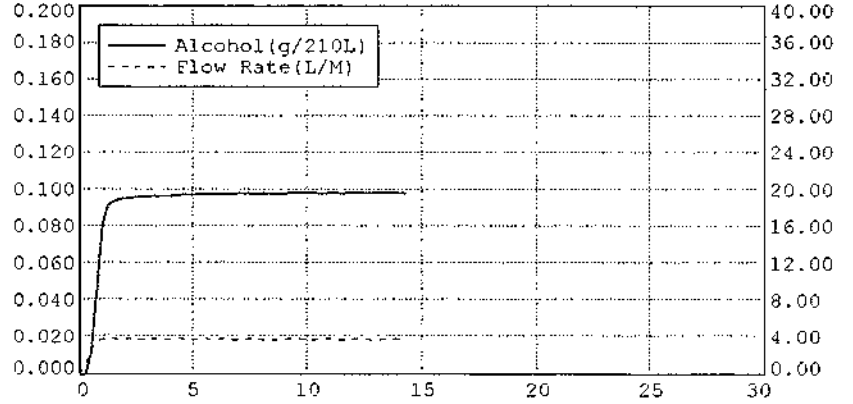
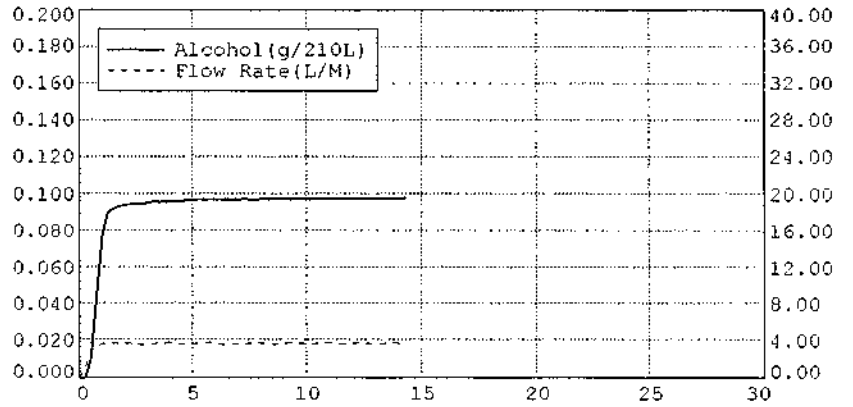
0.0988

0.0982

0.0988

Avg 0.099

CRF 11/25/15



SUPERVISOR TEST

Alaska Department of Public Safety  
DATAMASTER dmt: 100411

Date: 11/24/2015  
Time: 13:40:27

SUPERVISOR NAME:  
CHARLES FOSTER  
OPERATOR'S #: 7734

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.100

BLANK TEST	0.000	13:43
INTERNAL STANDARD	VERIFIED	13:43
EXTERNAL STANDARD	0.098	13:44
BLANK TEST	0.000	13:44
EXTERNAL STANDARD	0.098	13:45
BLANK TEST	0.000	13:46
EXTERNAL STANDARD	0.098	13:46
BLANK TEST	0.000	13:47
EXTERNAL STANDARD	0.098	13:47
BLANK TEST	0.000	13:48
EXTERNAL STANDARD	0.099	13:49
BLANK TEST	0.000	13:50

Average = 0.0982  
Std Dev = 0.0004

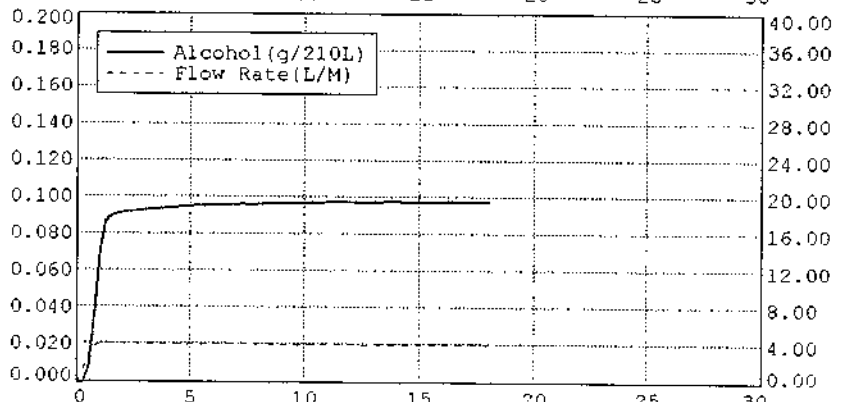
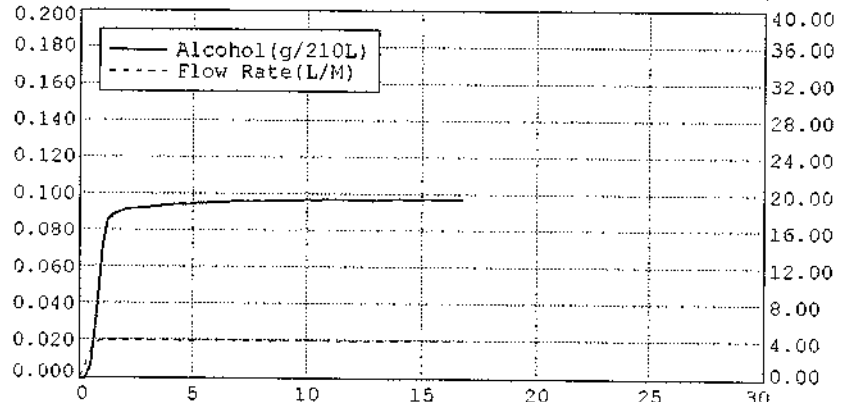
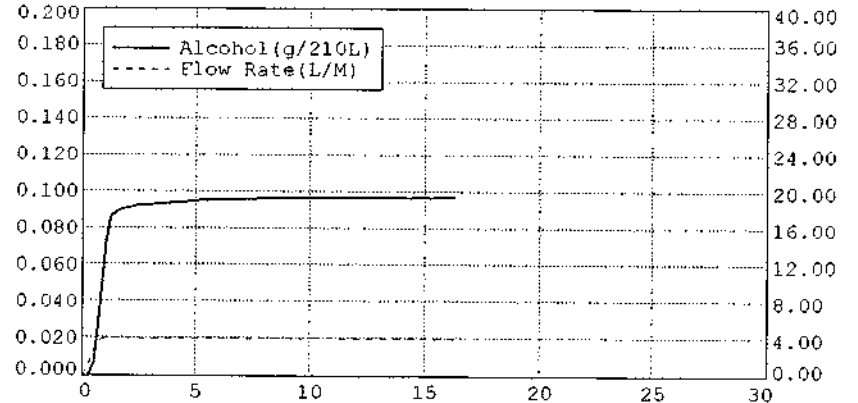
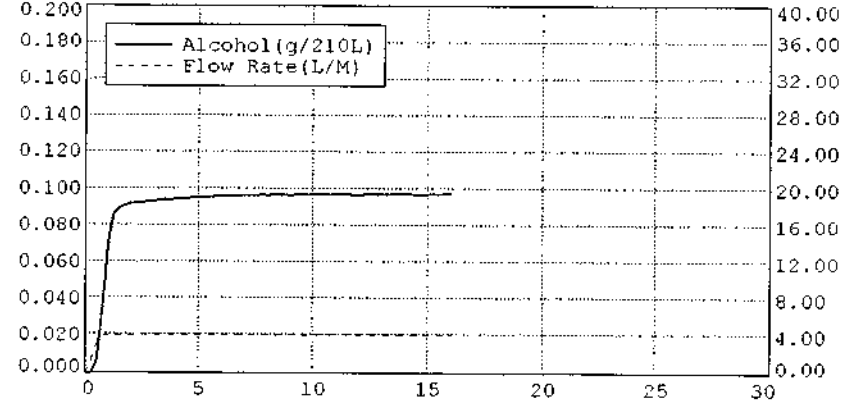
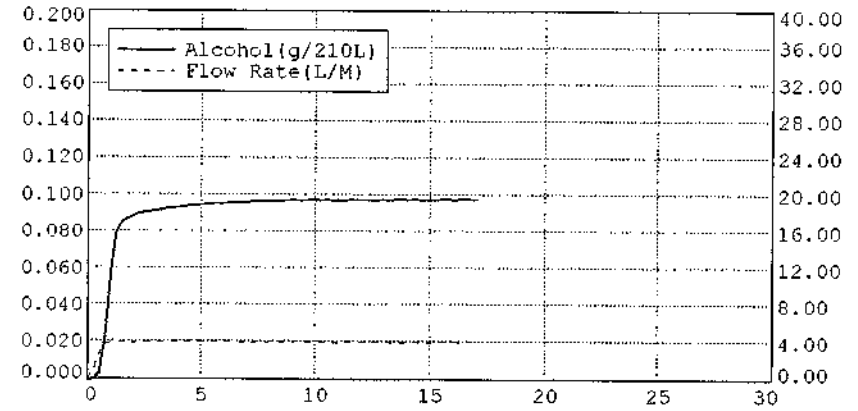
Guth 15230

Exp: 9/28/17

Simulator:

Guth DR5298

Calibrated 8/5/15



SUPERVISOR TEST

Alaska Department of Public Safety  
DATAMASTER dmt: 100348

Date: 11/24/2015  
Time: 13:52:04

SUPERVISOR NAME:  
CHARLES FOSTER  
OPERATOR'S #: 7734

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.100

BLANK TEST	0.000	13:53
INTERNAL STANDARD	VERIFIED	13:53
EXTERNAL STANDARD	0.098	13:54
BLANK TEST	0.000	13:55
EXTERNAL STANDARD	0.099	13:55
BLANK TEST	0.000	13:56
EXTERNAL STANDARD	0.099	13:56
BLANK TEST	0.000	13:57
EXTERNAL STANDARD	0.099	13:58
BLANK TEST	0.000	13:59
EXTERNAL STANDARD	0.099	13:59
BLANK TEST	0.000	14:00

Average = 0.0988  
Std Dev = 0.0004

Guth 15220

Exp: 9/28/17

Simulator:

Guth DR5298

Calibrated 8/5/15

