



**GUTH LABORATORIES, INC.**

890 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-654-5470

**CERTIFICATE OF ANALYSIS**

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14110 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 5, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1206% (w/vol) ethyl alcohol. The expiration date for this lot number is May 1, 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 0.100 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.*

SUPERVISOR TEST

Alaska Department of Public Safety  
 DATAMASTER dmt: 100362

Date: 08/07/2014  
 Time: 14:32:20

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

EXTERNAL STANDARD INFORMATION  
 NOMINAL: 0.100

BLANK TEST	0.000	14:33
INTERNAL STANDARD	VERIFIED	14:33
EXTERNAL STANDARD	0.102	14:34
BLANK TEST	0.000	14:35
EXTERNAL STANDARD	0.101	14:35
BLANK TEST	0.000	14:36
EXTERNAL STANDARD	0.101	14:36
BLANK TEST	0.000	14:37
EXTERNAL STANDARD	0.100	14:37
BLANK TEST	0.000	14:38
EXTERNAL STANDARD	0.100	14:38
BLANK TEST	0.000	14:39

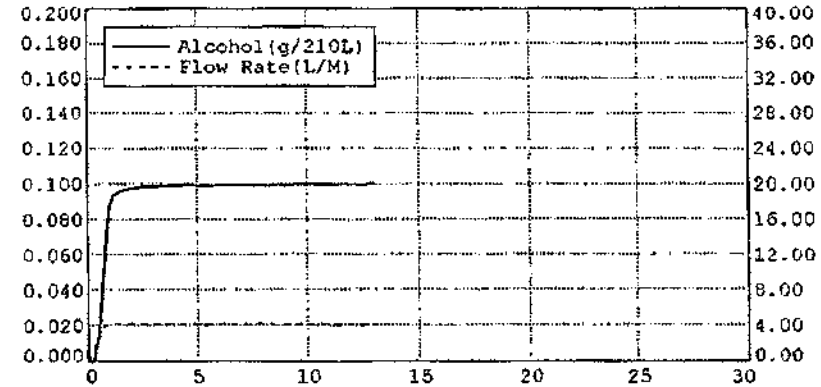
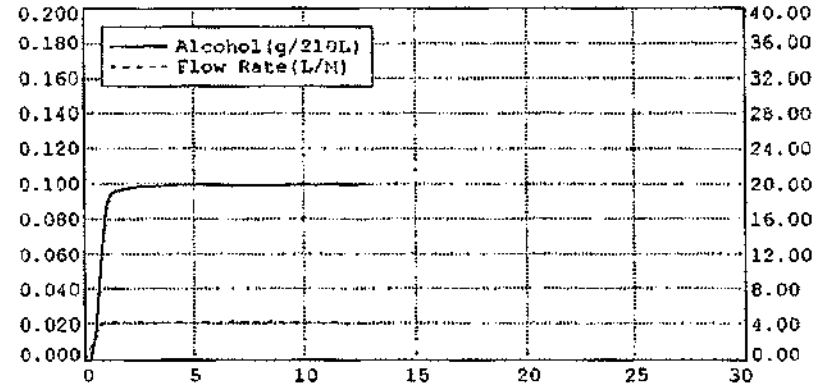
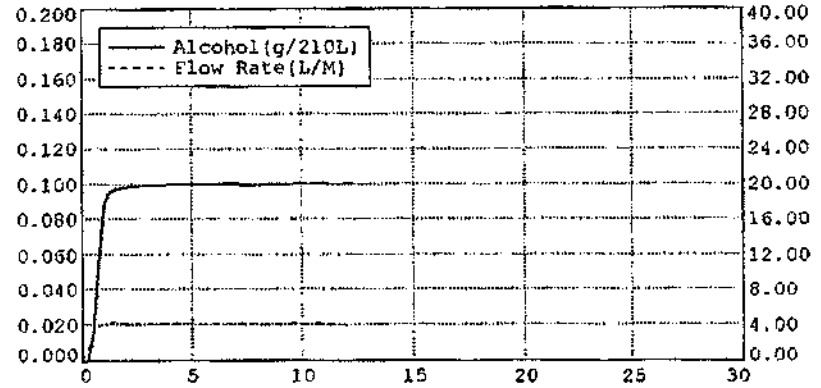
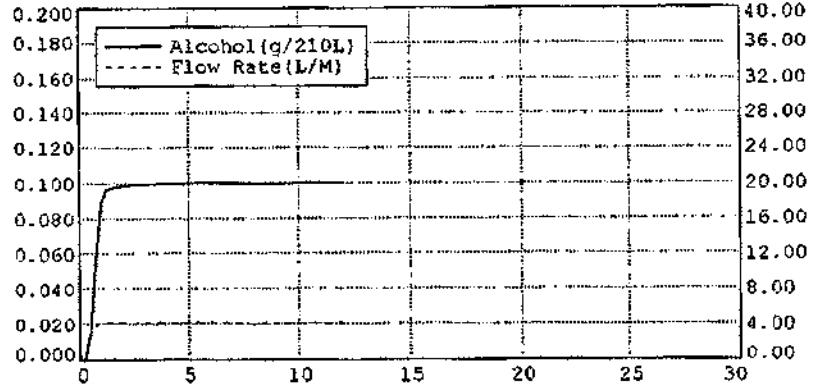
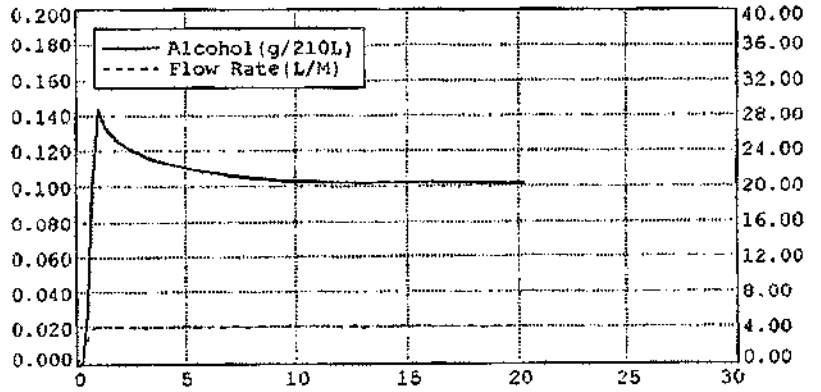
Average = 0.1013  
 Std Dev = 0.0008

*Guth 14110  
 Exp 5/1/10*

*Simulator S/N DR4176  
 calibrated 11/1/13*

*COB 8/7/14*

*Avg - 0.1019*



SUPERVISOR TEST

Alaska Department of Public Safety  
 DATAMASTER dnt: 100377

Date: 08/07/2014  
 Time: 14:25:50

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

EXTERNAL STANDARD INFORMATION  
 NOMINAL: 0.100

BLANK TEST	0.000	14:26
INTERNAL STANDARD	VERIFIED	14:27
EXTERNAL STANDARD	0.101	14:27
BLANK TEST	0.000	14:28
EXTERNAL STANDARD	0.102	14:28
BLANK TEST	0.000	14:29
EXTERNAL STANDARD	0.102	14:29
BLANK TEST	0.000	14:30
EXTERNAL STANDARD	0.102	14:31
BLANK TEST	0.000	14:31
EXTERNAL STANDARD	0.102	14:32
BLANK TEST	0.000	14:33

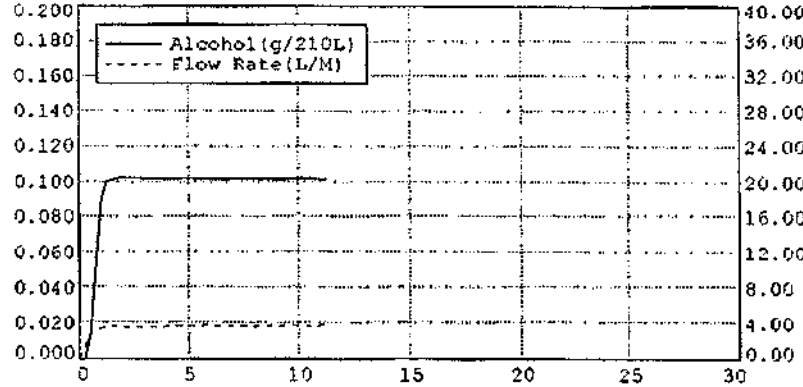
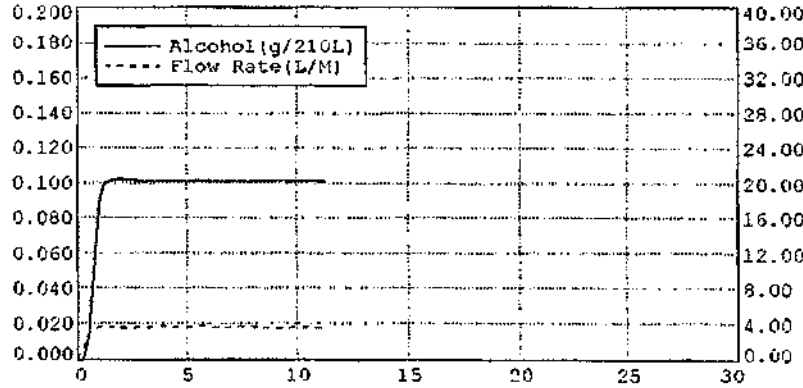
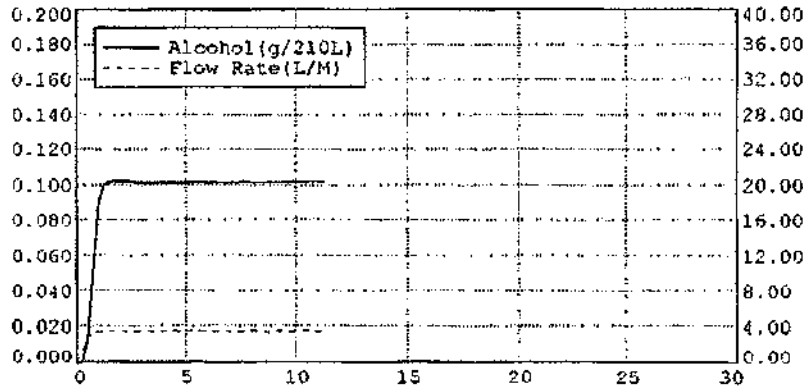
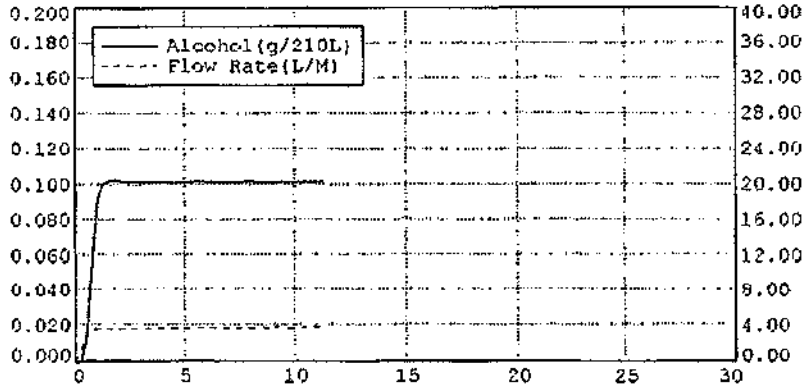
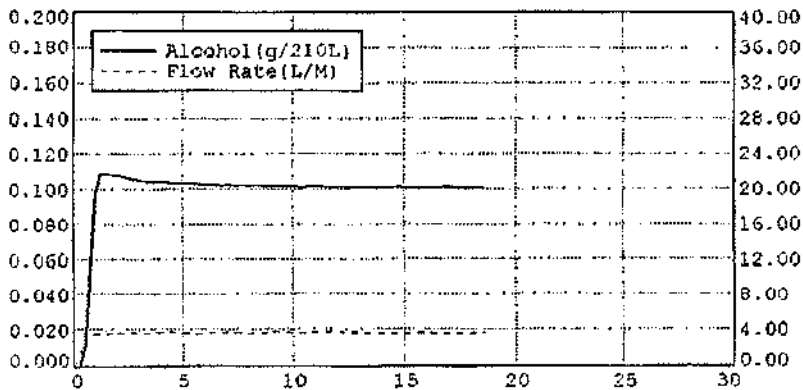
Average = 0.1022  
 Std Dev = 0.0006

*Guth 14/1/10*

*Exp 5/1/16*

*Simulator s/n DR4176  
 calibrated 11/1/13*

*COB 8/7/14*



SUPERVISOR TEST

Alaska Department of Public Safety  
 DATAMASTER dmt: 100668

Date: 08/07/2014  
 Time: 14:51:56

SUPERVISOR NAME:  
 COLLEEN S OBRYANT  
 OPERATOR'S #: 62377

EXTERNAL STANDARD INFORMATION  
 NOMINAL: 0.100

BLANK TEST	0.000	14:52
INTERNAL STANDARD	VERIFIED	14:53
EXTERNAL STANDARD	0.104	14:53
BLANK TEST	0.000	14:54
EXTERNAL STANDARD	0.103	14:54
BLANK TEST	0.000	14:55
EXTERNAL STANDARD	0.103	14:55
BLANK TEST	0.000	14:56
EXTERNAL STANDARD	0.103	14:57
BLANK TEST	0.000	14:58
EXTERNAL STANDARD	0.103	14:58
BLANK TEST	0.000	14:59

Average = 0.1038  
 Std Dev = 0.0005

*Guth 14110*

*Exp 5/1/16*

*Simulator S/N DR 4176  
 calibrated 11/13*

*COB 8/4/14*

