



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 14130 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 13, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.2418% (w/vol) ethyl alcohol. The expiration date for this lot number is May 12, 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 0.200 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

A handwritten signature in cursive script that reads "Ted L. Pauley".

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN032712-01 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: 14:47:48

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

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.200

BLANK TEST	0.000	14:49
INTERNAL STANDARD	VERIFIED	14:49
EXTERNAL STANDARD	0.198	14:49
BLANK TEST	0.000	14:50
EXTERNAL STANDARD	0.198	14:51
BLANK TEST	0.000	14:52
EXTERNAL STANDARD	0.199	14:52
BLANK TEST	0.000	14:53
EXTERNAL STANDARD	0.200	14:53
BLANK TEST	0.000	14:54
EXTERNAL STANDARD	0.199	14:55
BLANK TEST	0.000	14:56

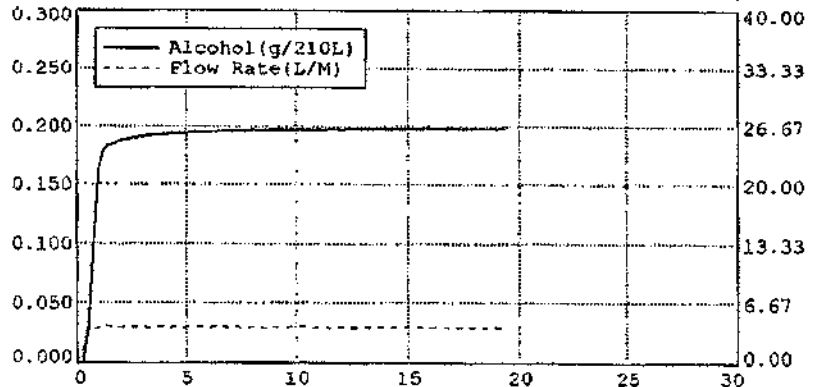
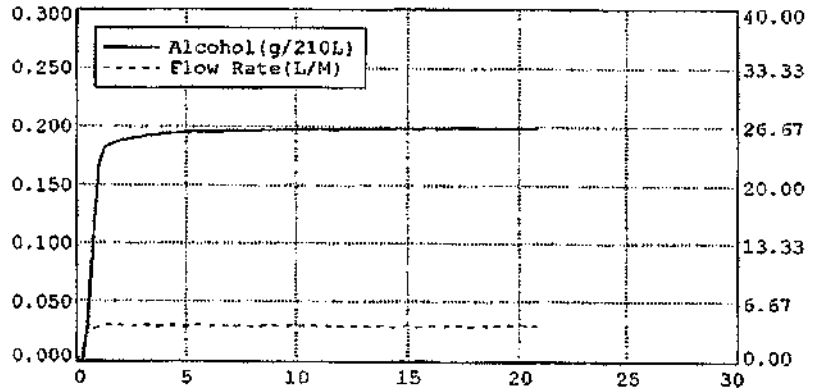
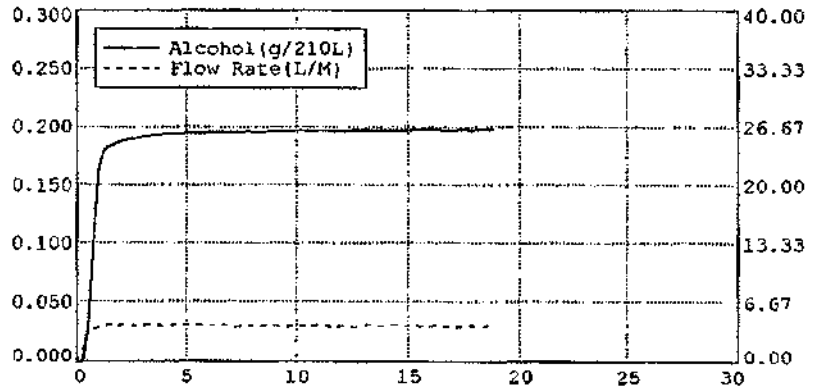
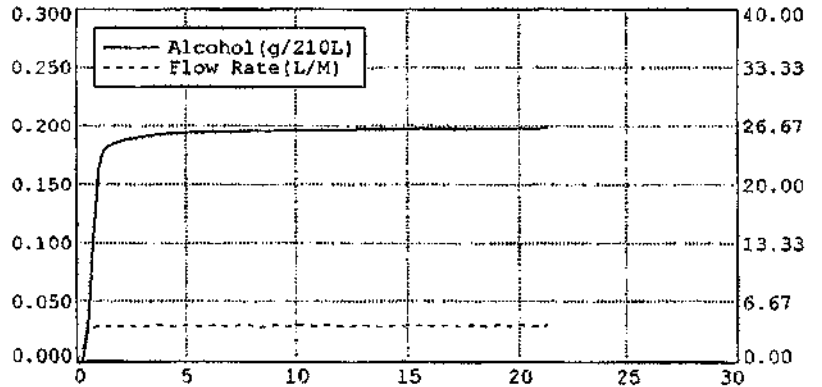
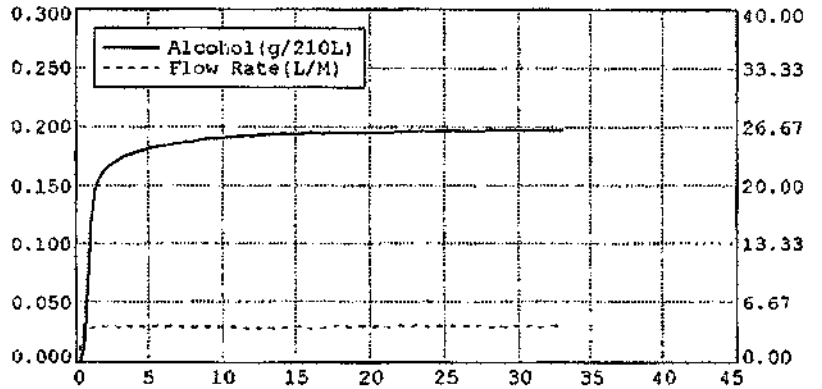
Average = 0.1992
 Std Dev = 0.0007

Guth 14/30
Exp 5/10/10

Simulator S/N/SD 100
calibrated 11/5/13

COB 8/7/14

Avg - 0.199
COB 8/7/14



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100377

Date: 08/07/2014
 Time: 15:02:44

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

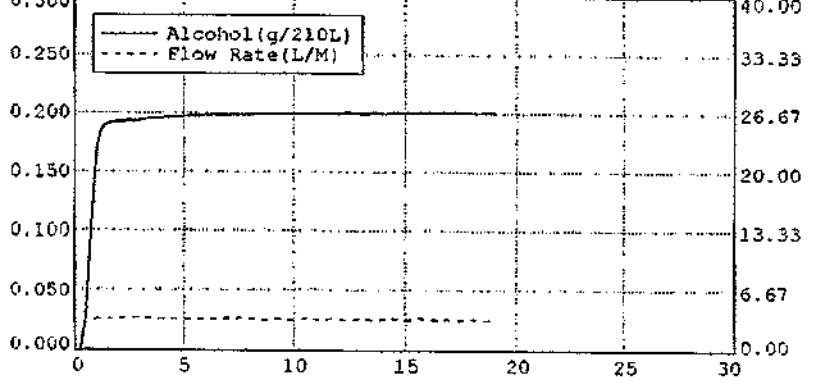
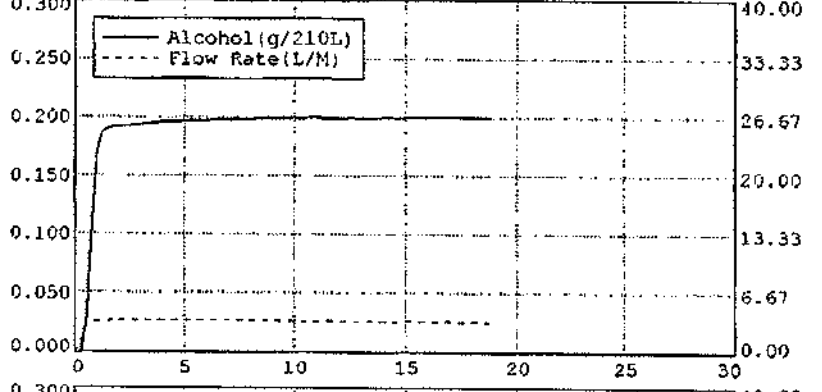
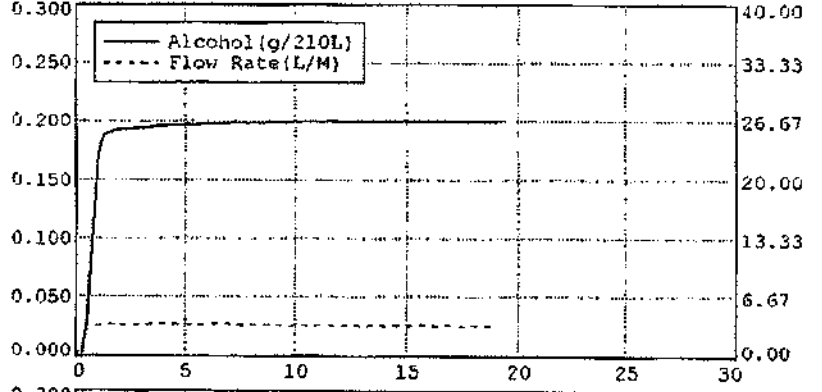
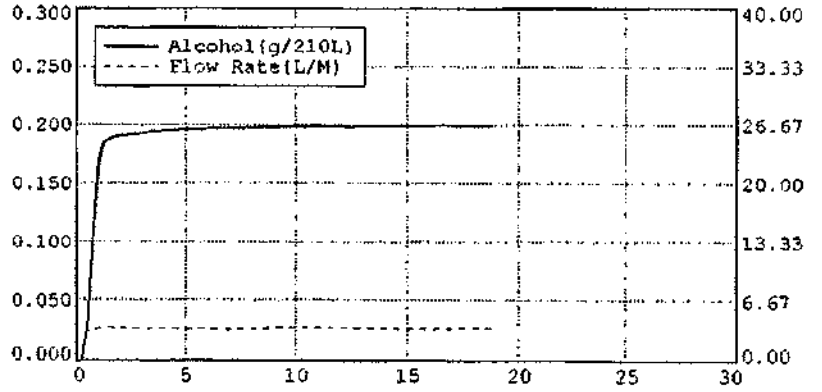
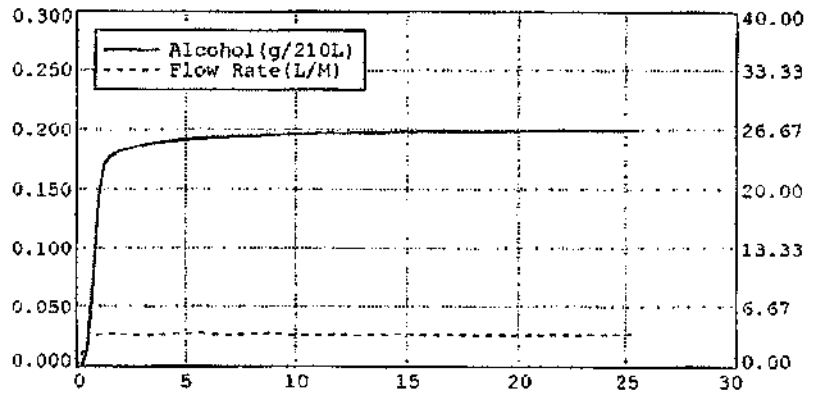
EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.200

BLANK TEST	0.000	15:03
INTERNAL STANDARD	VERIFIED	15:03
EXTERNAL STANDARD	0.199	15:04
BLANK TEST	0.000	15:05
EXTERNAL STANDARD	0.200	15:05
BLANK TEST	0.000	15:06
EXTERNAL STANDARD	0.200	15:07
BLANK TEST	0.000	15:08
EXTERNAL STANDARD	0.201	15:08
BLANK TEST	0.000	15:09
EXTERNAL STANDARD	0.201	15:09
BLANK TEST	0.000	15:10

Average = 0.2007
 Std Dev = 0.0008

Guth 14/30
Exp 5/12/10
Simulator S/N 50100
Calibrated 11/5/13

COB 8/4/14



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100668

Date: 08/07/2014
 Time: 14:41:18

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

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.200

BLANK TEST	0.000	14:42
INTERNAL STANDARD	VERIFIED	14:42
EXTERNAL STANDARD	0.196	14:43
BLANK TEST	0.000	14:43
EXTERNAL STANDARD	0.198	14:44
BLANK TEST	0.000	14:45
EXTERNAL STANDARD	0.200	14:45
BLANK TEST	0.000	14:46
EXTERNAL STANDARD	0.200	14:47
BLANK TEST	0.000	14:48
EXTERNAL STANDARD	0.201	14:48
BLANK TEST	0.000	14:49

Average = 0.1994
 Std Dev = 0.0021

Guth 14/30
Exp 5/12/16

Simulator S/N 501200
Calibrated 11/5/13

COB 8/7/14

