



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

Rod 7/15/15
BMB

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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, 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: 100362

Date: 07/23/2015
 Time: 10:29:18

SUPERVISOR NAME:
 BRANDI BARNETT
 OPERATOR'S #: 7038

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.200

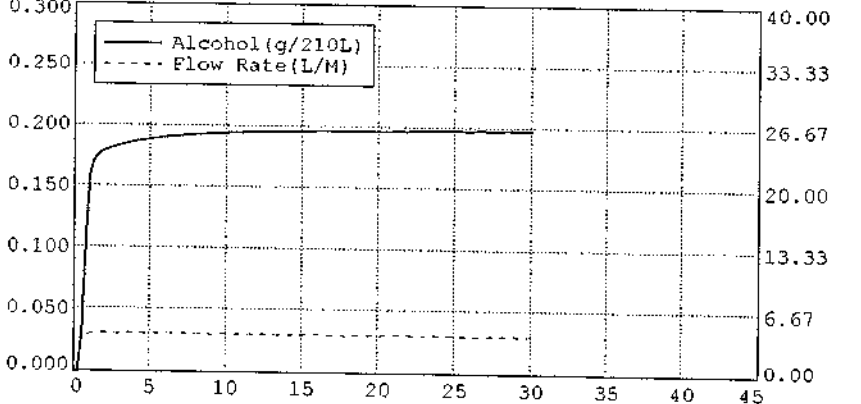
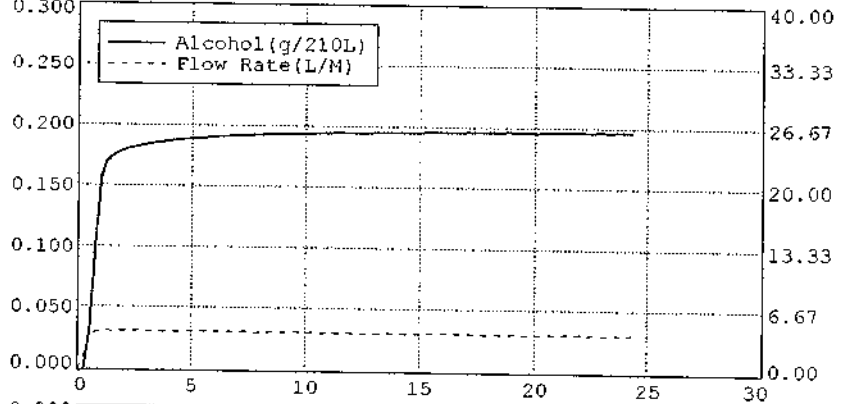
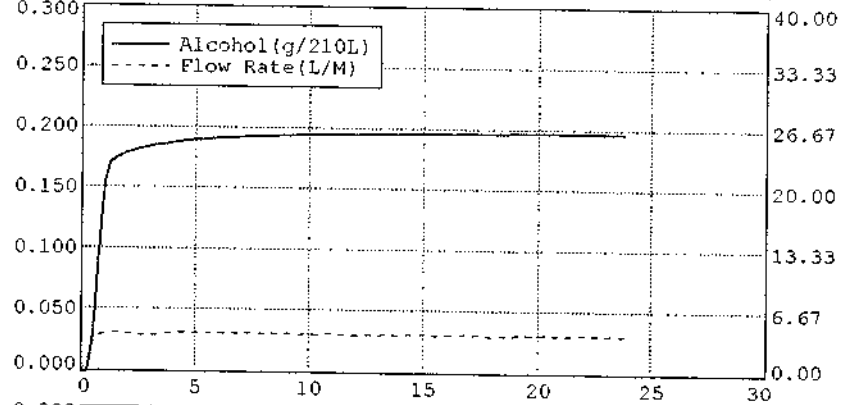
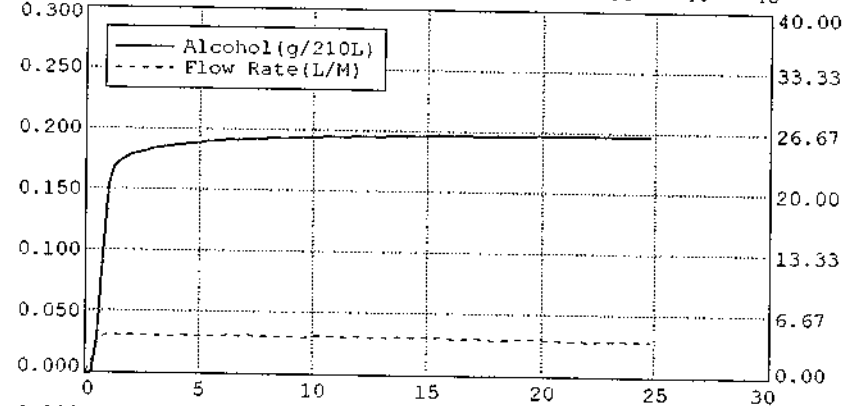
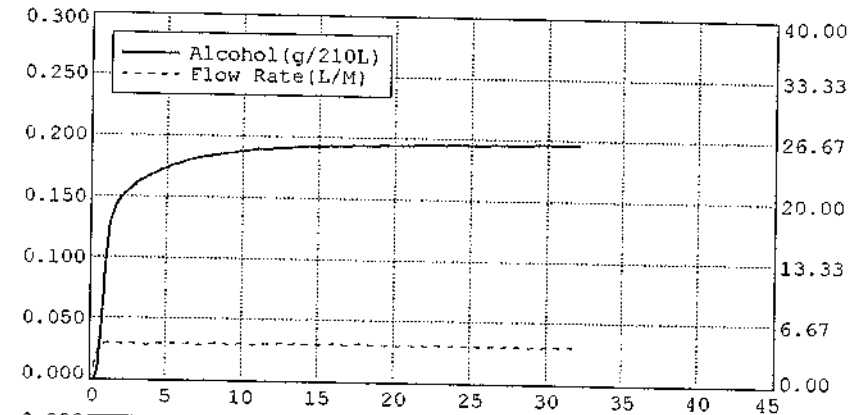
BLANK TEST	0.000	10:30
INTERNAL STANDARD	VERIFIED	10:30
EXTERNAL STANDARD	0.197	10:31
BLANK TEST	0.000	10:32
EXTERNAL STANDARD	0.198	10:32
BLANK TEST	0.000	10:33
EXTERNAL STANDARD	0.198	10:34
BLANK TEST	0.000	10:34
EXTERNAL STANDARD	0.198	10:35
BLANK TEST	0.000	10:36
EXTERNAL STANDARD	0.199	10:36
BLANK TEST	0.000	10:37

Average = 0.1980
 Std Dev = 0.0007

Guth 0.200 15130
 exp 5/11/17

0.1980
 0.2020
 0.2012

Avg = 0.200



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100668

Date: 07/23/2015
 Time: 10:05:40

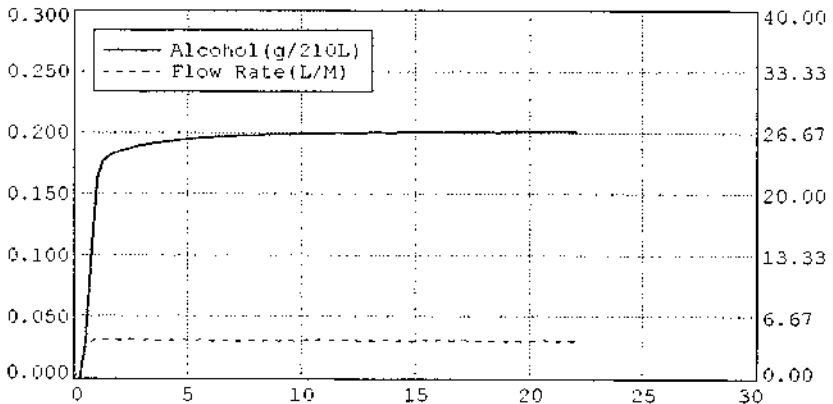
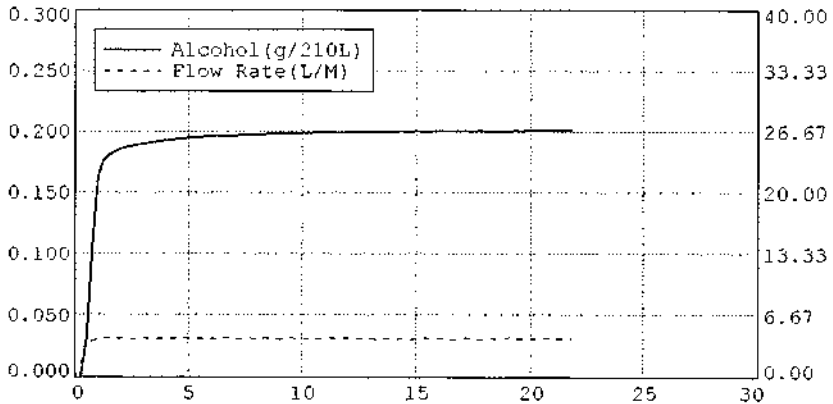
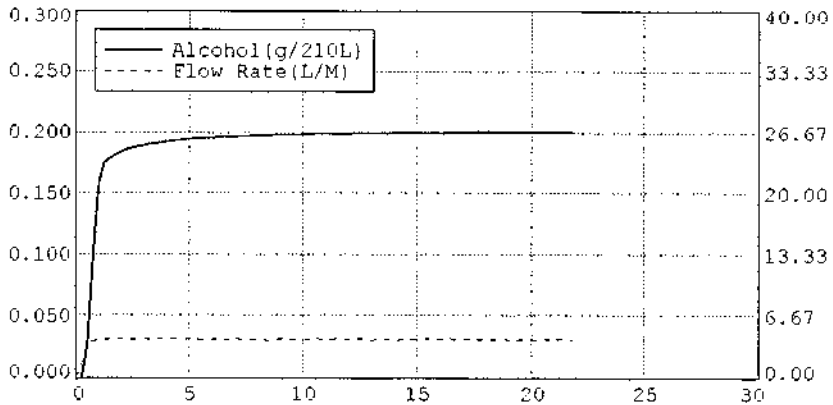
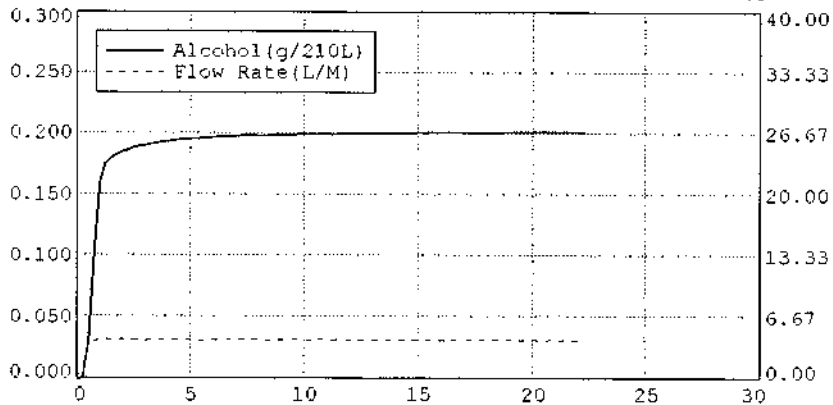
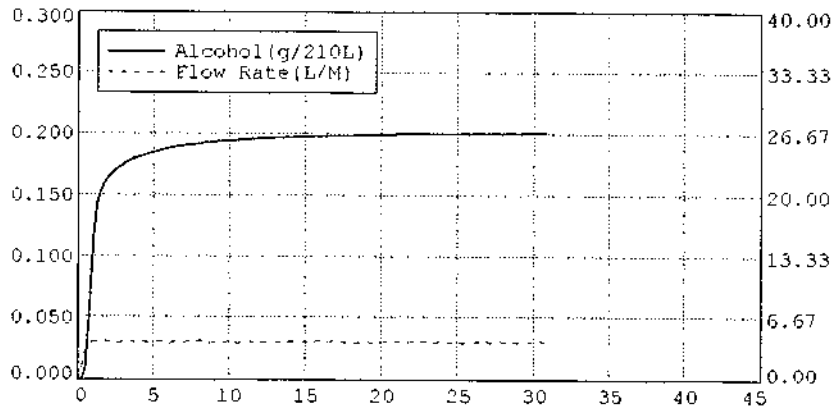
SUPERVISOR NAME:
 BRANDI BARNETT
 OPERATOR'S #: 7038

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.200

BLANK TEST	0.000	10:06
INTERNAL STANDARD	VERIFIED	10:06
EXTERNAL STANDARD	0.202	10:07
BLANK TEST	0.000	10:08
EXTERNAL STANDARD	0.202	10:08
BLANK TEST	0.000	10:09
EXTERNAL STANDARD	0.202	10:10
BLANK TEST	0.000	10:11
EXTERNAL STANDARD	0.202	10:11
BLANK TEST	0.000	10:12
EXTERNAL STANDARD	0.202	10:13
BLANK TEST	0.000	10:14

Average = 0.2020
 Std Dev = 0.0000

Guth 0.200 15130
 exp 5/11/17



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100377

Date: 07/23/2015
Time: 10:06:26

SUPERVISOR NAME:
BRANDI BARNETT
OPERATOR'S #: 7038

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.200

BLANK TEST	0.000	10:07
INTERNAL STANDARD	VERIFIED	10:07
EXTERNAL STANDARD	0.202	10:08
BLANK TEST	0.000	10:09
EXTERNAL STANDARD	0.201	10:09
BLANK TEST	0.000	10:10
EXTERNAL STANDARD	0.201	10:10
BLANK TEST	0.000	10:11
EXTERNAL STANDARD	0.201	10:12
BLANK TEST	0.000	10:12
EXTERNAL STANDARD	0.201	10:13
BLANK TEST	0.000	10:14

Average = 0.2012
Std Dev = 0.0004

Guth 0.200 15130
exp: 5/11/17

