

Rec'd 11/6/15 MK



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 **15170** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 21, 2015**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.3595%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 20, 2017** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$, 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: 100377

Date: 11/24/2015
 Time: 14:00:58

SUPERVISOR NAME:
 CHARLES FOSTER
 OPERATOR'S #: 7734

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.300

BLANK TEST	0.000	14:02
INTERNAL STANDARD	VERIFIED	14:02
EXTERNAL STANDARD	0.301	14:02
BLANK TEST	0.000	14:03
EXTERNAL STANDARD	0.302	14:04
BLANK TEST	0.000	14:05
EXTERNAL STANDARD	0.302	14:05
BLANK TEST	0.000	14:06
EXTERNAL STANDARD	0.302	14:06
BLANK TEST	0.000	14:07
EXTERNAL STANDARD	0.302	14:08
BLANK TEST	0.000	14:08

Average = 0.3018
 Std Dev = 0.0004

Guth 15170
 Exp: 7/20/17

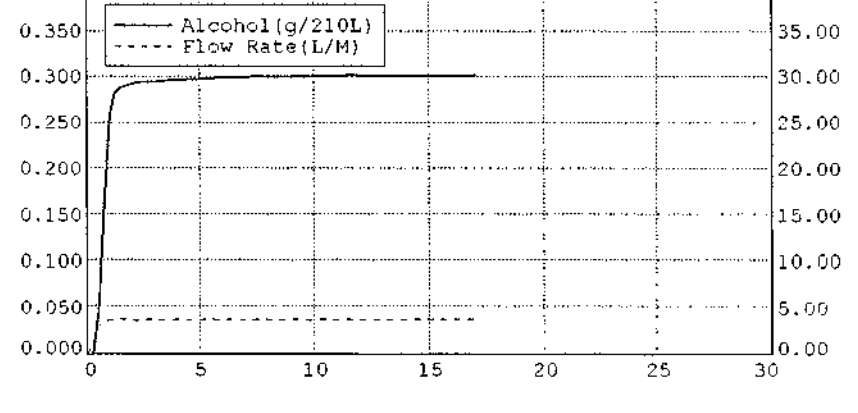
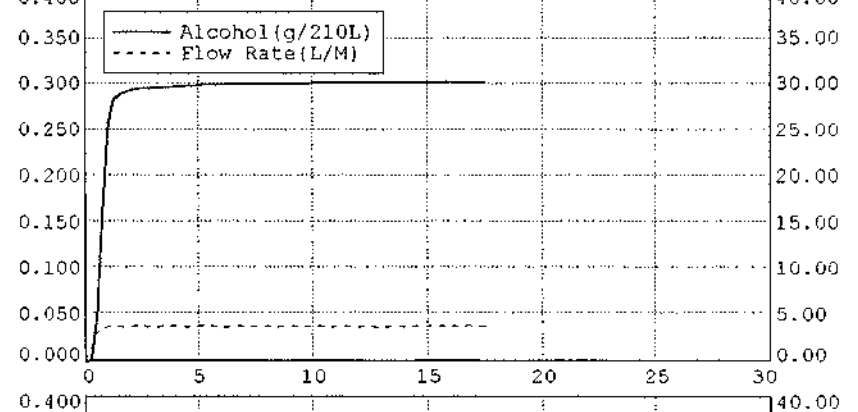
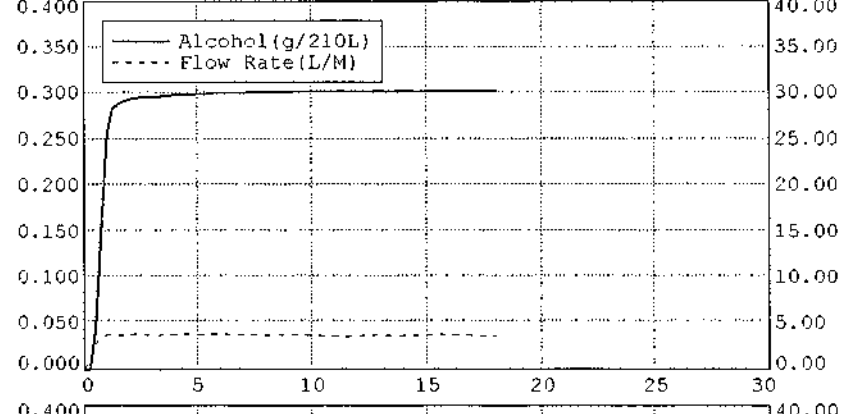
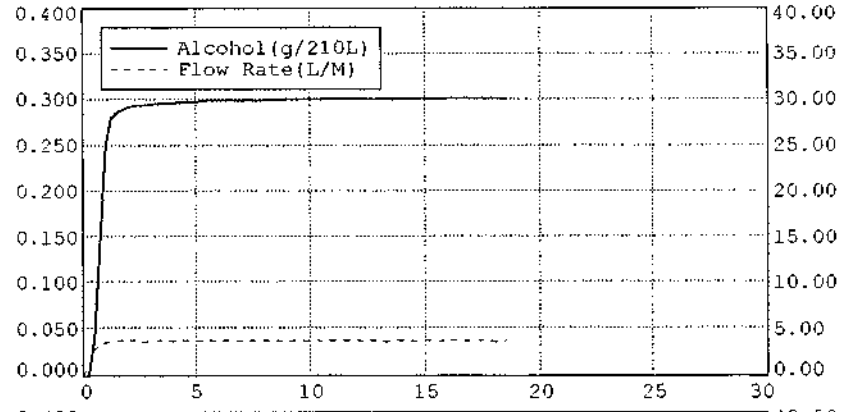
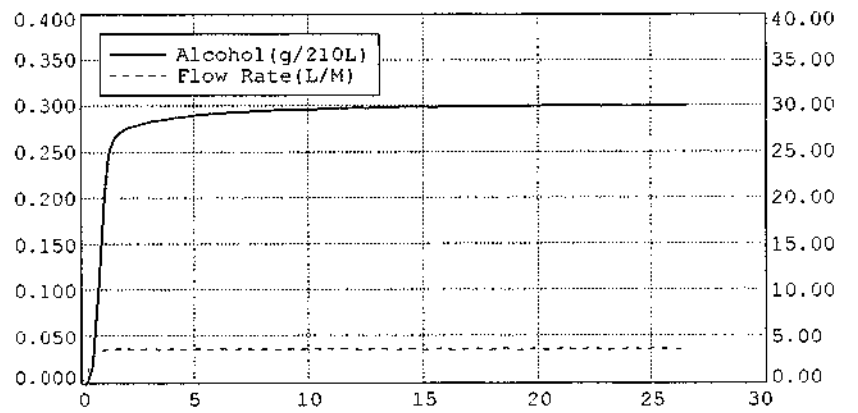
Simulator:

Guth SD1199
 Calibrated 8/5/15

0.3018
 0.3038
 0.2930

Avg 0.300

CRF 11/25/15



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100411

Date: 11/24/2015
 Time: 14:15:43

SUPERVISOR NAME:
 CHARLES FOSTER
 OPERATOR'S #: 7734

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.300

BLANK TEST	0.000	14:16
INTERNAL STANDARD	VERIFIED	14:16
EXTERNAL STANDARD	0.303	14:17
BLANK TEST	0.000	14:18
EXTERNAL STANDARD	0.304	14:18
BLANK TEST	0.000	14:19
EXTERNAL STANDARD	0.304	14:20
BLANK TEST	0.000	14:21
EXTERNAL STANDARD	0.304	14:21
BLANK TEST	0.000	14:22
EXTERNAL STANDARD	0.304	14:22
BLANK TEST	0.000	14:23

Average = 0.3038
 Std Dev = 0.0004

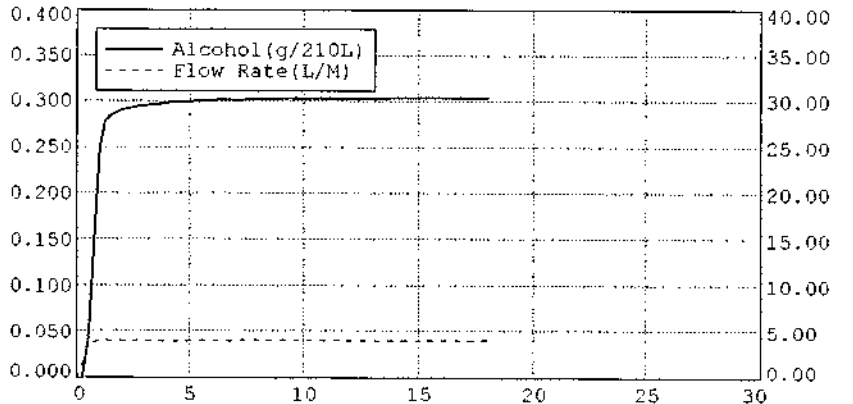
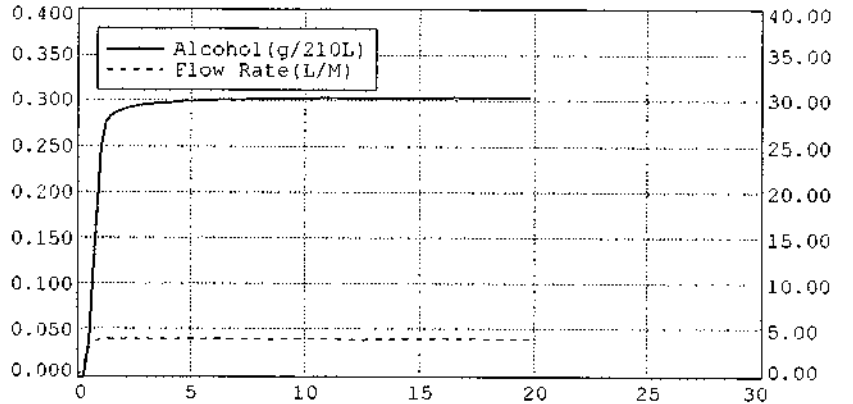
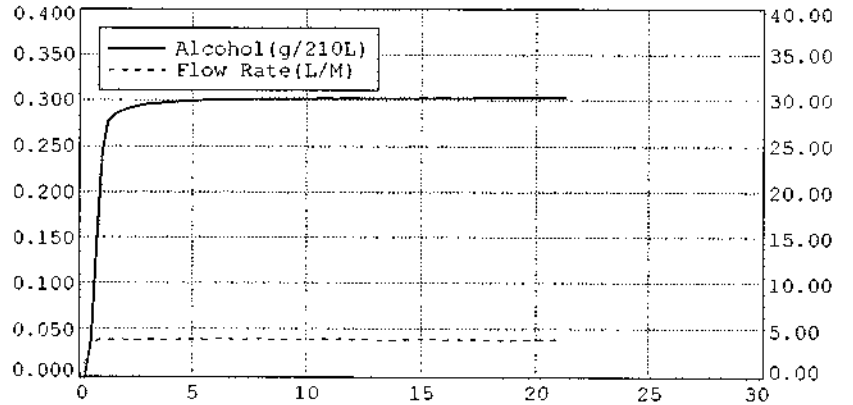
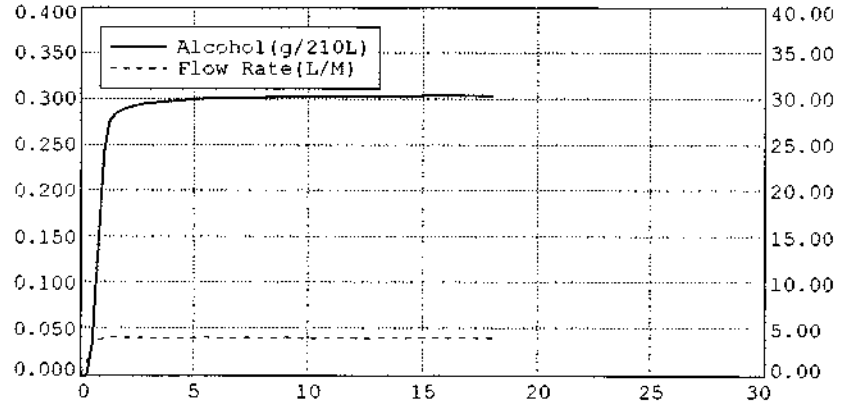
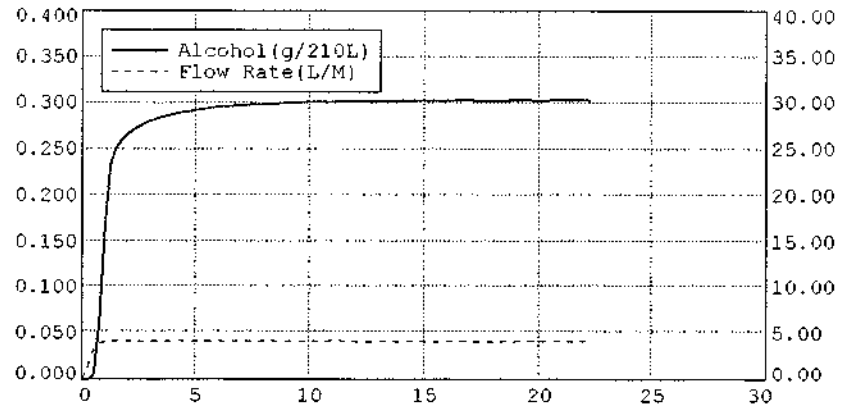
Guth 15170

Exp: 7/20/17

Simulator:

Guth SD1199

Calibrated 8/5/15



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100348

Date: 11/24/2015
 Time: 14:25:38

SUPERVISOR NAME:
 CHARLES FOSTER
 OPERATOR'S #: 7734

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.300

BLANK TEST	0.000	14:26
INTERNAL STANDARD	VERIFIED	14:26
EXTERNAL STANDARD	0.293	14:27
BLANK TEST	0.000	14:28
EXTERNAL STANDARD	0.293	14:28
BLANK TEST	0.000	14:29
EXTERNAL STANDARD	0.292	14:30
BLANK TEST	0.000	14:31
EXTERNAL STANDARD	0.294	14:31
BLANK TEST	0.000	14:32
EXTERNAL STANDARD	0.293	14:33
BLANK TEST	0.000	14:34

Average = 0.2930
 Std Dev = 0.0007

Guth 15170
 Exp: 7/20/17
 Simulator:
 Guth SD1199
 Calibrated 8/5/15

