



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 **13220** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **August 6, 2013**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.2427%** (w/vol) ethyl alcohol. The expiration date for this lot number is **August 5, 2015** 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 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: 01/29/2015
 Time: 10:37:06

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

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.200

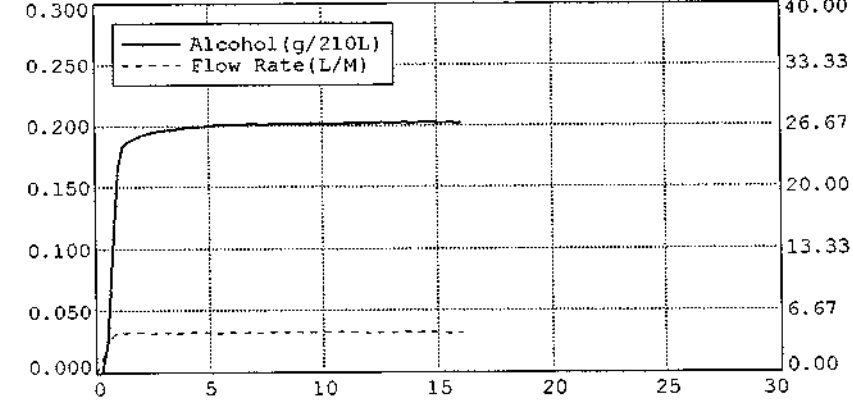
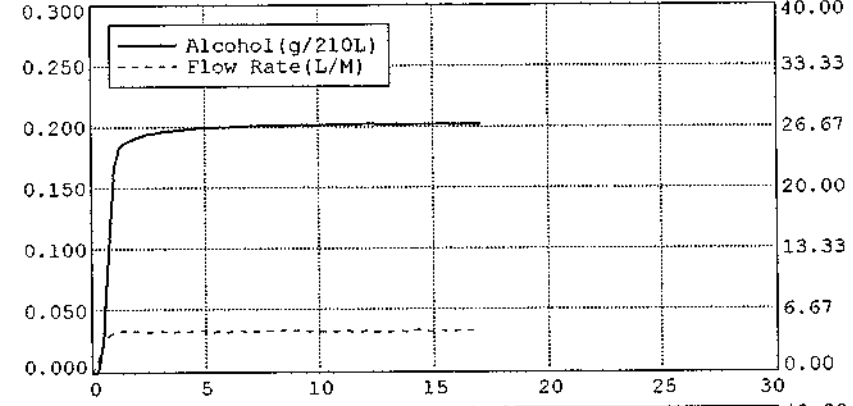
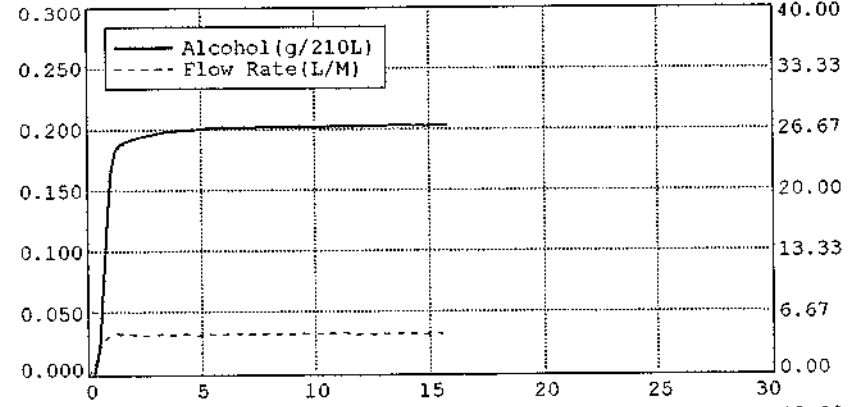
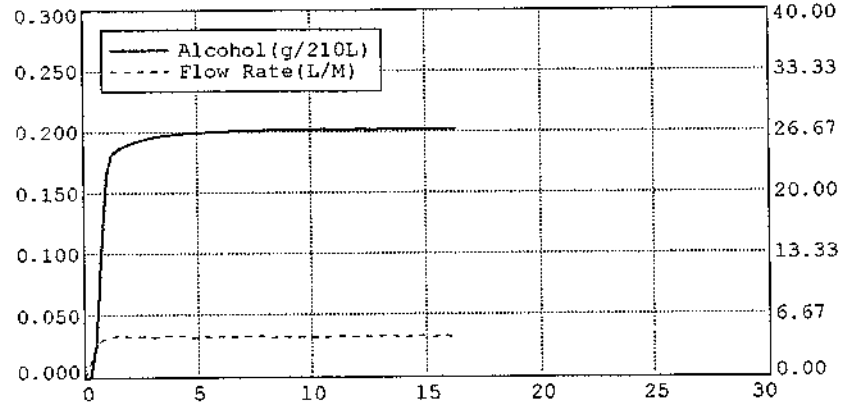
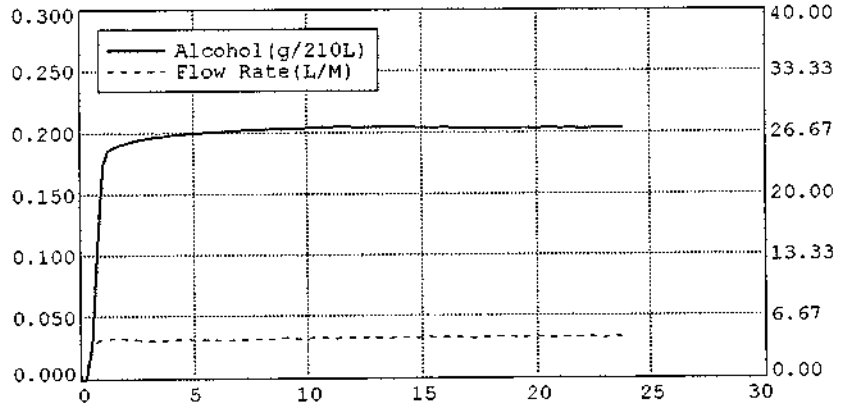
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INTERNAL STANDARD	VERIFIED	10:38
EXTERNAL STANDARD	0.204	10:38
BLANK TEST	0.000	10:39
EXTERNAL STANDARD	0.202	10:40
BLANK TEST	0.000	10:41
EXTERNAL STANDARD	0.203	10:41
BLANK TEST	0.000	10:42
EXTERNAL STANDARD	0.202	10:42
BLANK TEST	0.000	10:43
EXTERNAL STANDARD	0.202	10:44
BLANK TEST	0.000	10:44

Average = 0.2030
 Std Dev = 0.0007

*Guth 0.200
 Lot 13220 Exp 8/5/15*

*Guth Simulator
 DR 5298
 Calibrated 2/19/14
 CRB 1/29/15*

Total average - 0.204



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100377

Date: 01/29/2015
Time: 10:14:26

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

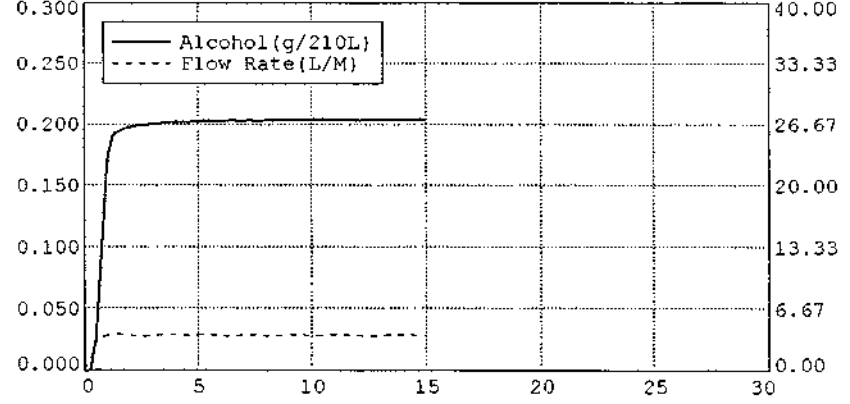
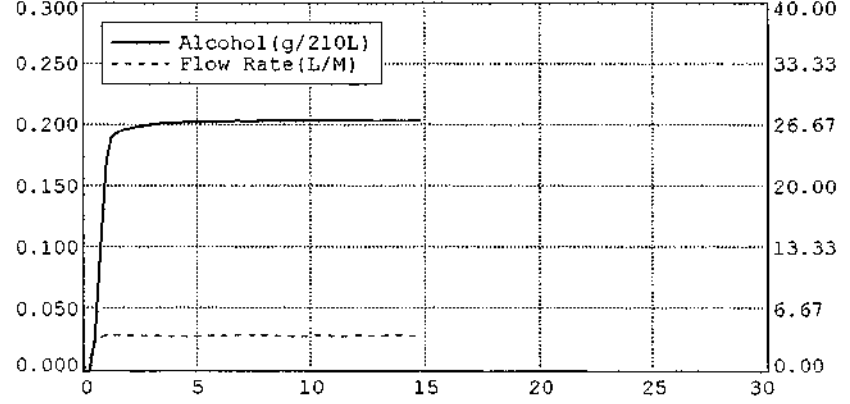
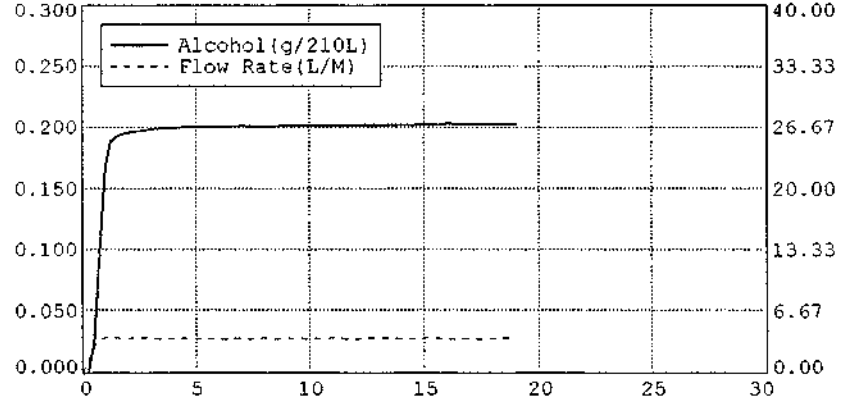
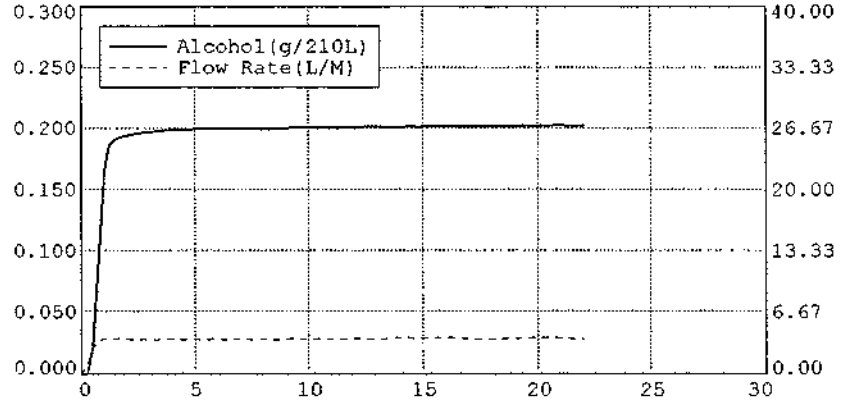
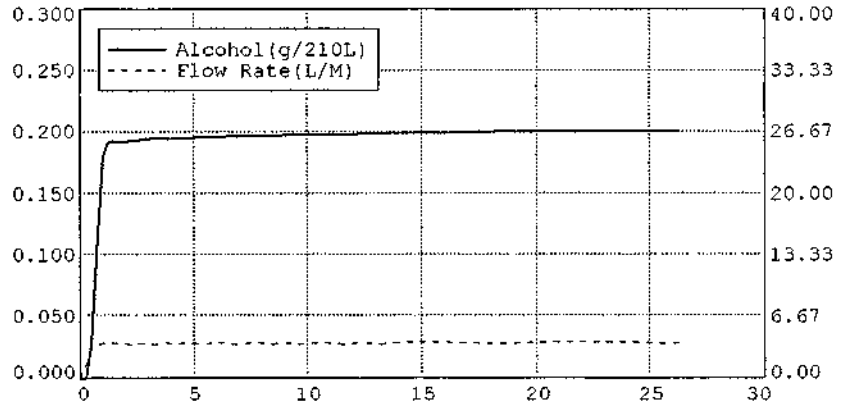
EXTERNAL STANDARD INFORMATION
NOMINAL: 0.200

BLANK TEST	0.000	10:15
INTERNAL STANDARD	VERIFIED	10:15
EXTERNAL STANDARD	0.201	10:16
BLANK TEST	0.000	10:17
EXTERNAL STANDARD	0.202	10:17
BLANK TEST	0.000	10:18
EXTERNAL STANDARD	0.203	10:18
BLANK TEST	0.000	10:19
EXTERNAL STANDARD	0.204	10:20
BLANK TEST	0.000	10:21
EXTERNAL STANDARD	0.204	10:21
BLANK TEST	0.000	10:22

Average = 0.2033
Std Dev = 0.0013

Guth 0.200
Lot 13220 Exp 8/5/15

Guth Simulator
DR 5298
Calibrated 2/19/14
COB 1/29/15



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100668

Date: 01/29/2015
 Time: 10:18:35

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

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.200

BLANK TEST	0.000	10:19
INTERNAL STANDARD	VERIFIED	10:19
EXTERNAL STANDARD	0.205	10:20
BLANK TEST	0.000	10:21
EXTERNAL STANDARD	0.205	10:21
BLANK TEST	0.000	10:22
EXTERNAL STANDARD	0.206	10:22
BLANK TEST	0.000	10:23
EXTERNAL STANDARD	0.206	10:24
BLANK TEST	0.000	10:24
EXTERNAL STANDARD	0.206	10:25
BLANK TEST	0.000	10:26

Average = 0.2059
 Std Dev = 0.0004

Guth 0.200
Lot 13220 Exp 8/6/15

Guth Simulator

DR 5298

Calibrated 2/19/14

COB 1/29/15

