

Recd 5/4/15



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **15050** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **March 11, 2015**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1218%** (w/vol) ethyl alcohol. The expiration date for this lot number is **March 9, 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 **0.100 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 FN08051301 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: 100668

Date: 07/23/2015
 Time: 09:54:21

SUPERVISOR NAME:
 BRANDI BARNETT
 OPERATOR'S #: 7038

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.100

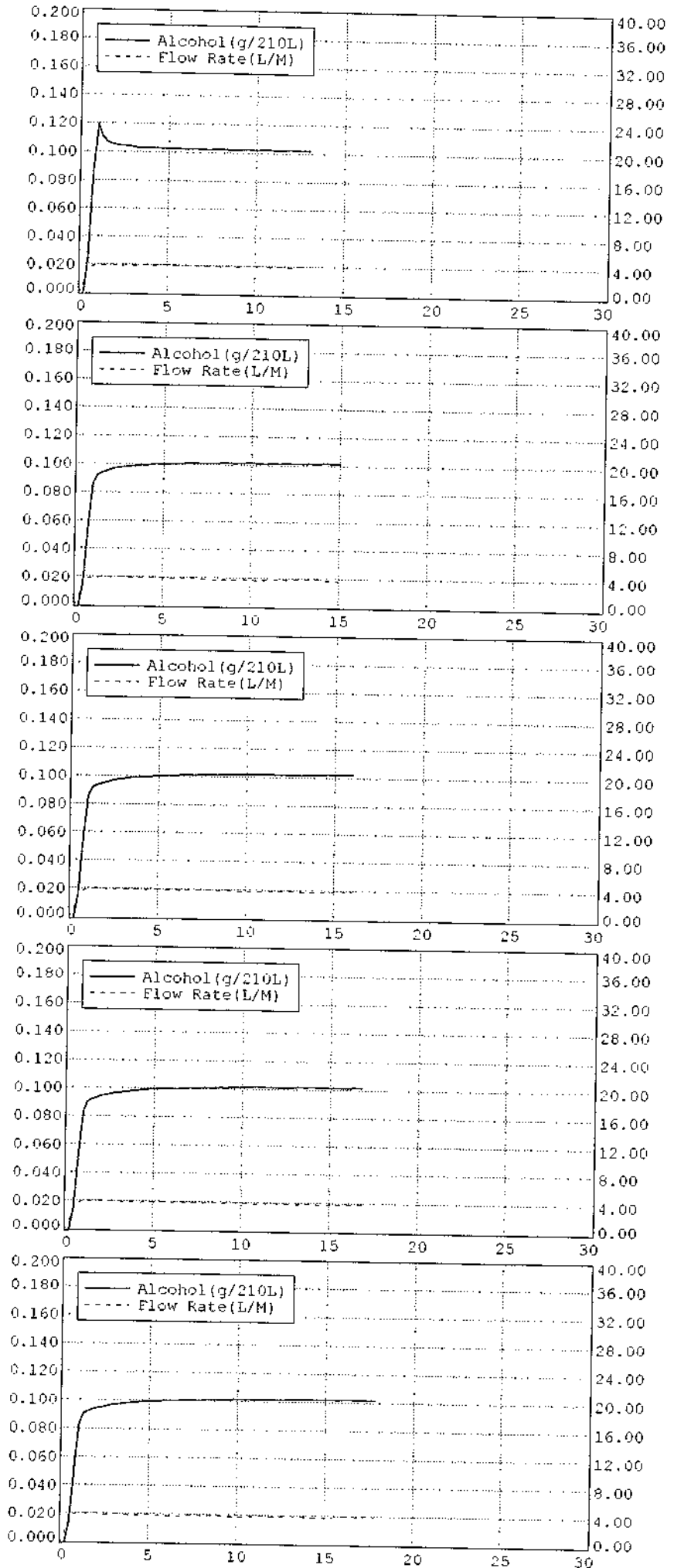
BLANK TEST	0.000	09:55
INTERNAL STANDARD	VERIFIED	09:55
EXTERNAL STANDARD	0.104	09:56
BLANK TEST	0.000	09:57
EXTERNAL STANDARD	0.103	09:57
BLANK TEST	0.000	09:58
EXTERNAL STANDARD	0.104	09:58
BLANK TEST	0.000	09:59
EXTERNAL STANDARD	0.103	10:00
BLANK TEST	0.000	10:01
EXTERNAL STANDARD	0.103	10:01
BLANK TEST	0.000	10:02

Average = 0.1034
 Std Dev = 0.0005

Guth 0.100 15050
 exp 3/9/17

0.1034
 0.1002
 0.1006

Avg 0.101



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100377

Date: 07/23/2015
 Time: 09:53:10

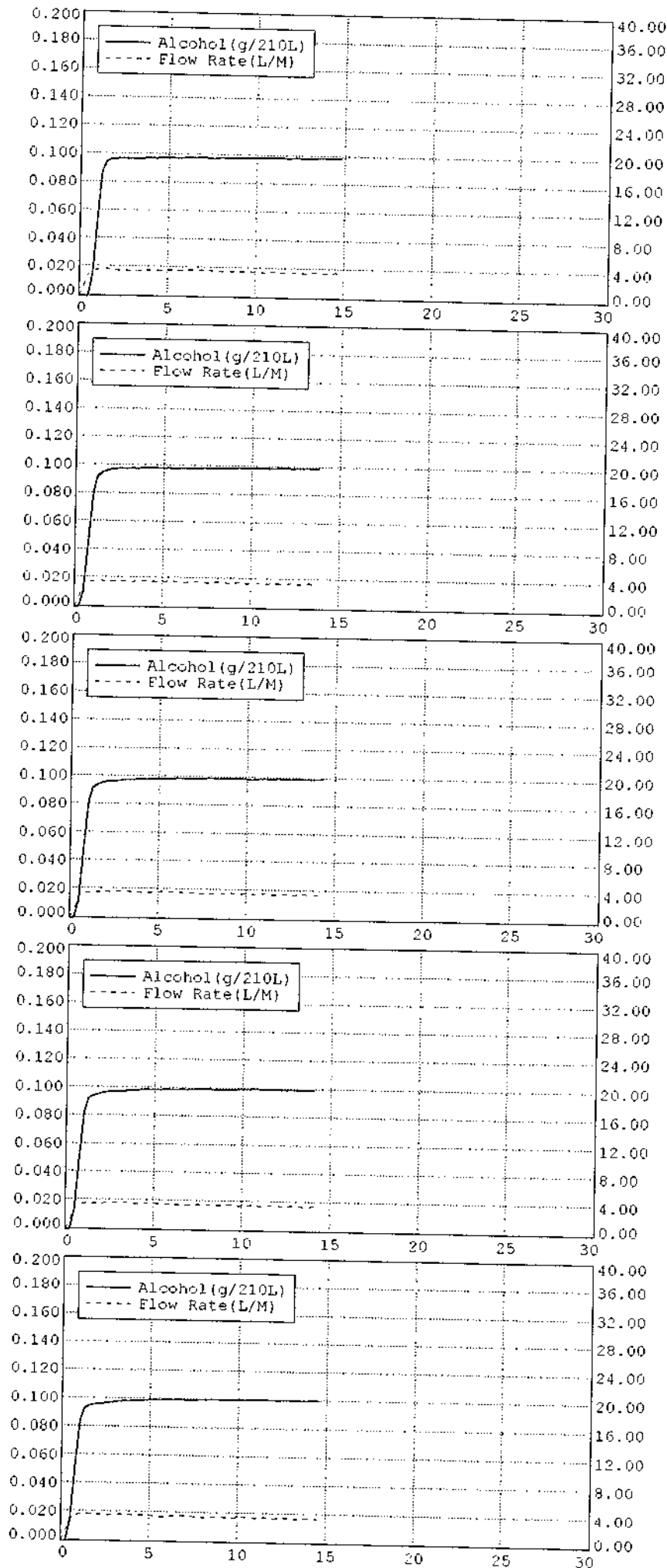
SUPERVISOR NAME:
 BRANDI BARNETT
 OPERATOR'S #: 7038

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.100

BLANK TEST	0.000	09:54
INTERNAL STANDARD	VERIFIED	09:54
EXTERNAL STANDARD	0.100	09:54
BLANK TEST	0.000	09:55
EXTERNAL STANDARD	0.100	09:56
BLANK TEST	0.000	09:56
EXTERNAL STANDARD	0.101	09:57
BLANK TEST	0.000	09:58
EXTERNAL STANDARD	0.101	09:58
BLANK TEST	0.000	09:59
EXTERNAL STANDARD	0.101	09:59
BLANK TEST	0.000	10:00

Average = 0.1006
 Std Dev = 0.0005

Guth 0.100 15050
 exp 3/9/17



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100362

Date: 07/23/2015
Time: 10:13:14

SUPERVISOR NAME:
BRANDI BARNETT
OPERATOR'S #: 7038

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.100

BLANK TEST	0.000	10:15
INTERNAL STANDARD	VERIFIED	10:15
EXTERNAL STANDARD	0.100	10:16
BLANK TEST	0.000	10:16
EXTERNAL STANDARD	0.100	10:17
BLANK TEST	0.000	10:18
EXTERNAL STANDARD	0.100	10:18
BLANK TEST	0.000	10:19
EXTERNAL STANDARD	0.100	10:19
BLANK TEST	0.000	10:20
EXTERNAL STANDARD	0.101	10:21
BLANK TEST	0.000	10:22

Average = 0.1002
Std Dev = 0.0004

Guth 0.100 15050
exp 3/9/17

