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Certificate of Analysis

Certificate ID: 7765
Part #: BAC105L040T
Cylinder Size: 105L
Lot Number: 02915040A3
Expiration: 3/5/2017

0.040 BAC (For the calibration of instruments used to determine breath alcohol concentration)

Contents: 105 Liters @ 1000 psig 70°F (21°C)

Component:	Concentration:	Accuracy:	Method:
Ethanol	103.5 ppm	+/- 0.002 or 2%	NDIR
Nitrogen	Balance	BAC (G/210L) whichever is greater	

*NIST Standard Reference Material
Cylinder No. CC14290/ Job No. 09160202
Certified 212.8 µmol/mol Ethanol in Nitrogen
for ILMO Products Co., Jacksonville, IL

Store in dry area, away from sources of heat, ignition
and direct sunlight. Do not allow storage area to
exceed 52 °C (125 °F).

Jacob Matter
Specialty Gas Lab Tech

02/06/15
Date



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100362

Date: 03/03/2015
 Time: 07:33:20

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

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.040
 TARGET AT 29.76: 0.040
 TANK PRESSURE: 1080 psi

BLANK TEST	0.000	07:35
INTERNAL STANDARD	VERIFIED	07:35
EXTERNAL STANDARD	0.040	07:35
BLANK TEST	0.000	07:36
EXTERNAL STANDARD	0.040	07:36
BLANK TEST	0.000	07:37
EXTERNAL STANDARD	0.040	07:37
BLANK TEST	0.000	07:38
EXTERNAL STANDARD	0.039	07:38
BLANK TEST	0.000	07:39
EXTERNAL STANDARD	0.040	07:39
BLANK TEST	0.000	07:40

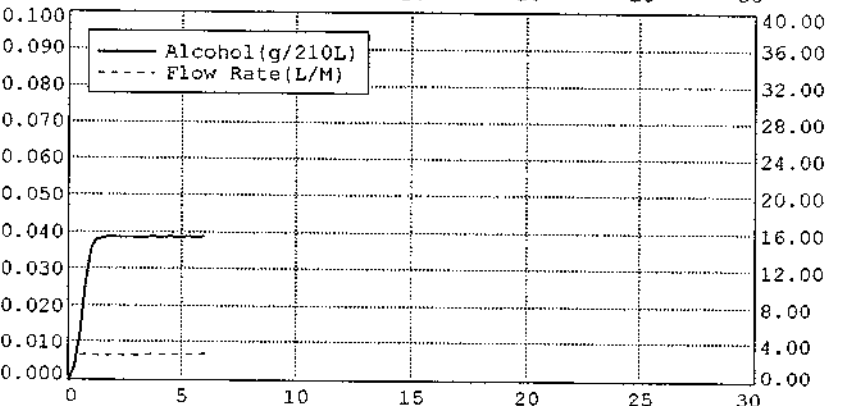
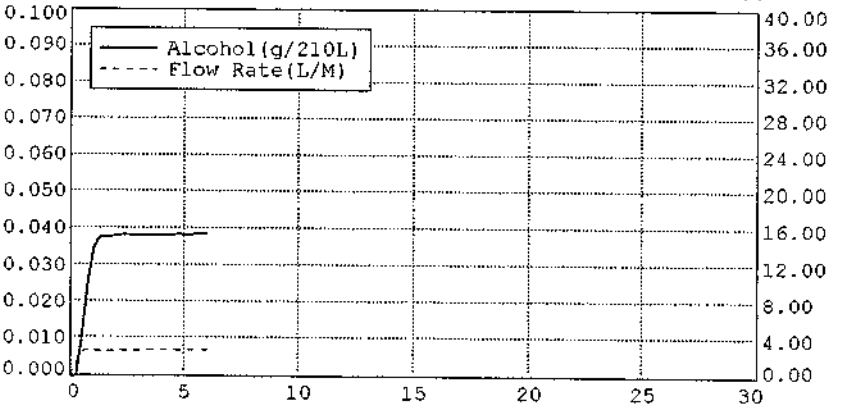
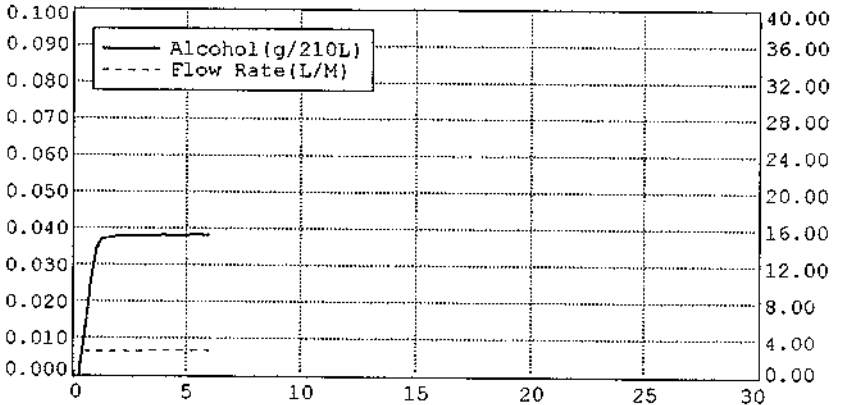
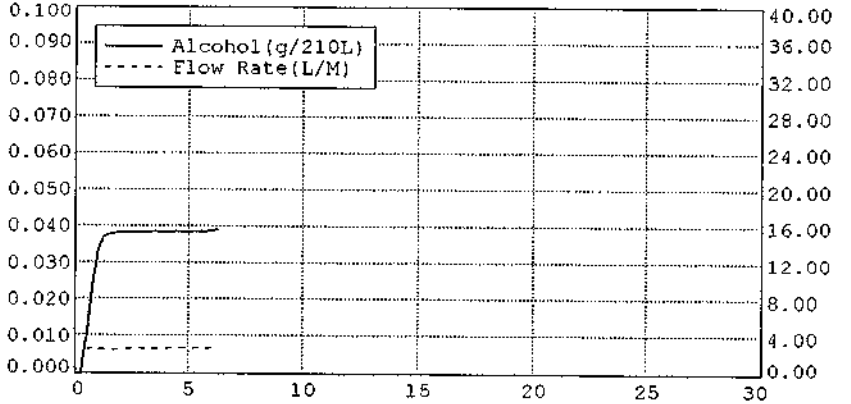
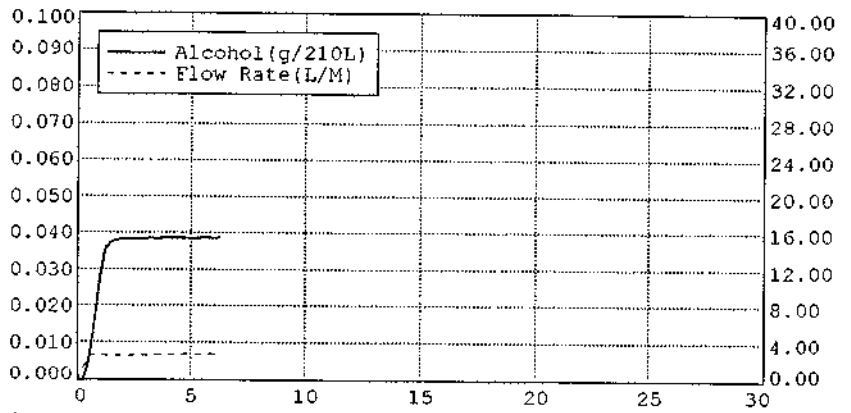
Average = 0.0398
 Std Dev = 0.0004

Lot Q29150-10A3

Exp 3/3/17

COB 3/3/15

Average - 0.040



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100377

Date: 03/03/2015
 Time: 07:18:31

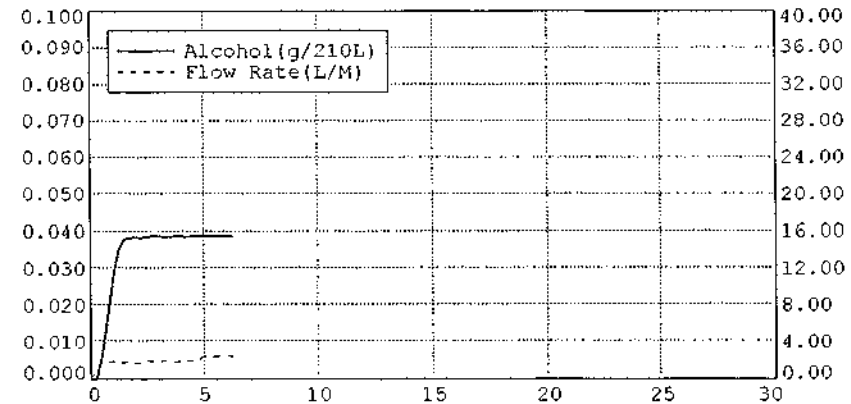
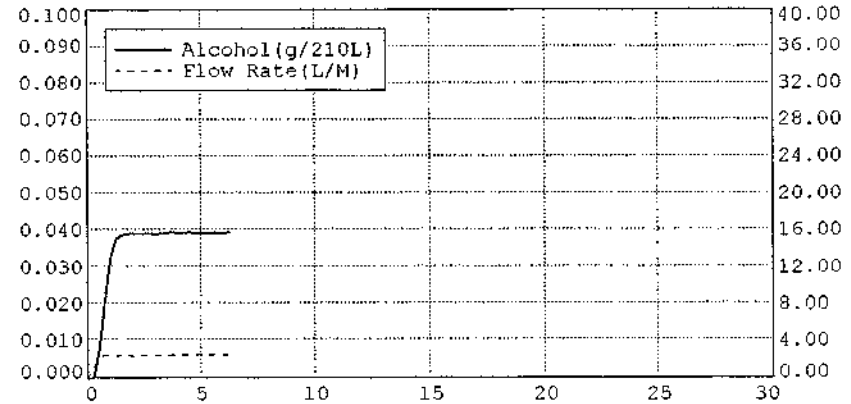
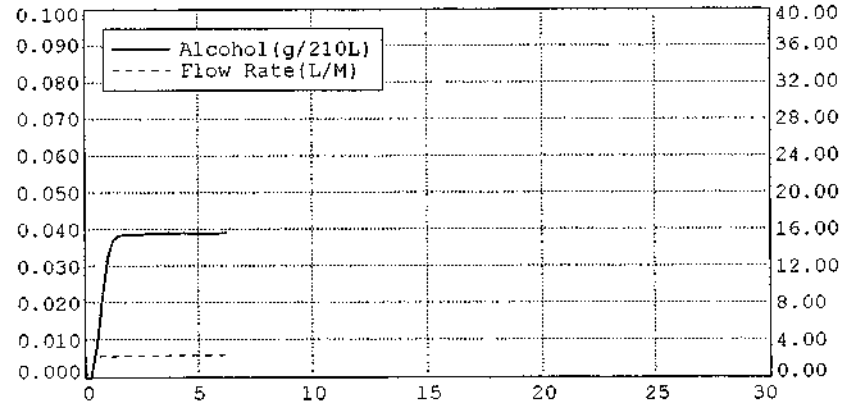
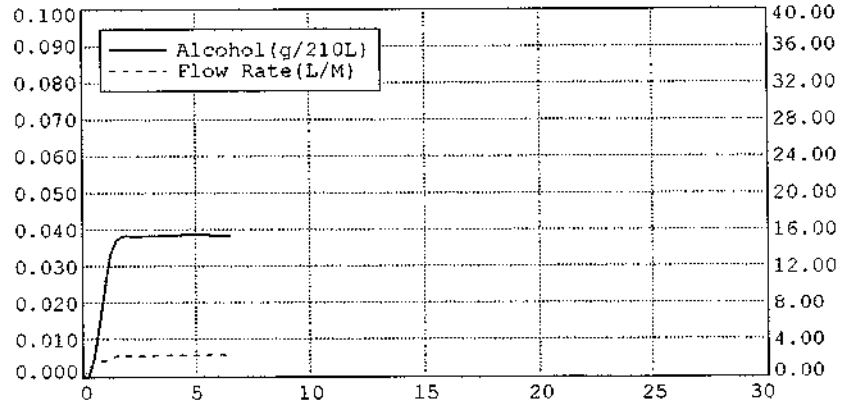
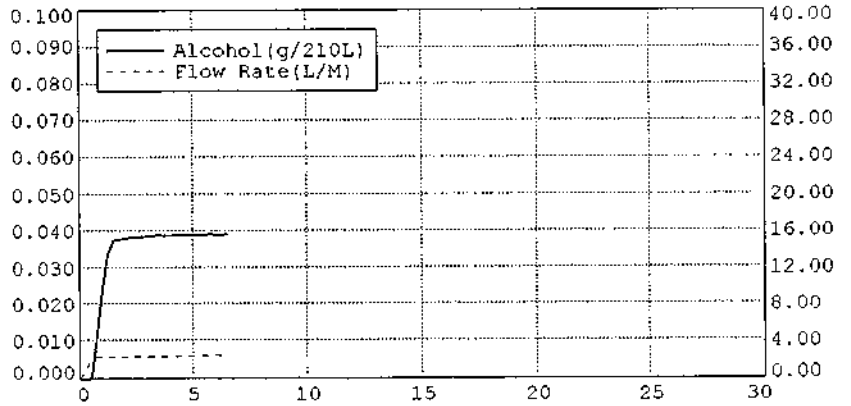
SUPERVISOR NAME:
 COLLEEN S OBRYANT
 OPERATOR'S #: 6237

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.040
 TARGET AT 29.73: 0.040
 TANK PRESSURE: 1097 psi

BLANK TEST	0.000	07:20
INTERNAL STANDARD	VERIFIED	07:20
EXTERNAL STANDARD	0.040	07:20
BLANK TEST	0.000	07:21
EXTERNAL STANDARD	0.040	07:21
BLANK TEST	0.000	07:22
EXTERNAL STANDARD	0.040	07:22
BLANK TEST	0.000	07:23
EXTERNAL STANDARD	0.040	07:23
BLANK TEST	0.000	07:24
EXTERNAL STANDARD	0.040	07:24
BLANK TEST	0.000	07:25

Average = 0.0400
 Std Dev = 0.0000

Lot 02915040A3
Exp 3/5/17
CAB 3/3/15



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100668

Date: 03/03/2015
 Time: 07:19:50

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

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.040
 TARGET AT 29.74: 0.040
 TANK PRESSURE: 1098 psi

BLANK TEST	0.000	07:22
INTERNAL STANDARD	VERIFIED	07:22
EXTERNAL STANDARD	0.040	07:22
BLANK TEST	0.000	07:23
EXTERNAL STANDARD	0.040	07:23
BLANK TEST	0.000	07:24
EXTERNAL STANDARD	0.041	07:24
BLANK TEST	0.000	07:25
EXTERNAL STANDARD	0.040	07:25
BLANK TEST	0.000	07:26
EXTERNAL STANDARD	0.040	07:26
BLANK TEST	0.000	07:27

Average = 0.0402
 Std Dev = 0.0004

Lot 02915040A3
Exp 3/5/17
COB 3/3/15

