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Certificate of Analysis

Certificate ID: 7764
Part #: BAC105L020T
Cylinder Size: 105L
Lot Number: 02915020A2
Expiration: 3/5/2017

0.020 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	52 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).


Specialty Gas Lab Tech

02/06/15
Date



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100362

Date: 03/03/2015
 Time: 07:09:56

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

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.020
 TARGET AT 29.76: 0.020
 TANK PRESSURE: 1054 psi

BLANK TEST	0.000	07:26
INTERNAL STANDARD	VERIFIED	07:26
EXTERNAL STANDARD	0.020	07:26
BLANK TEST	0.000	07:27
EXTERNAL STANDARD	0.020	07:27
BLANK TEST	0.000	07:28
EXTERNAL STANDARD	0.021	07:28
BLANK TEST	0.000	07:29
EXTERNAL STANDARD	0.020	07:29
BLANK TEST	0.000	07:30
EXTERNAL STANDARD	0.020	07:30
BLANK TEST	0.000	07:31

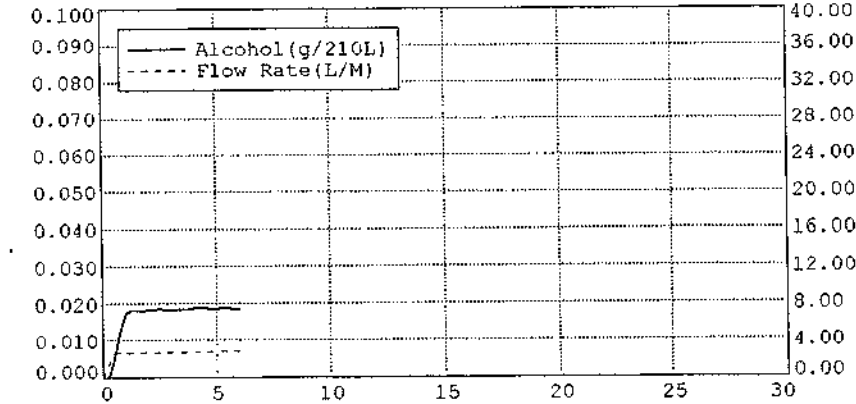
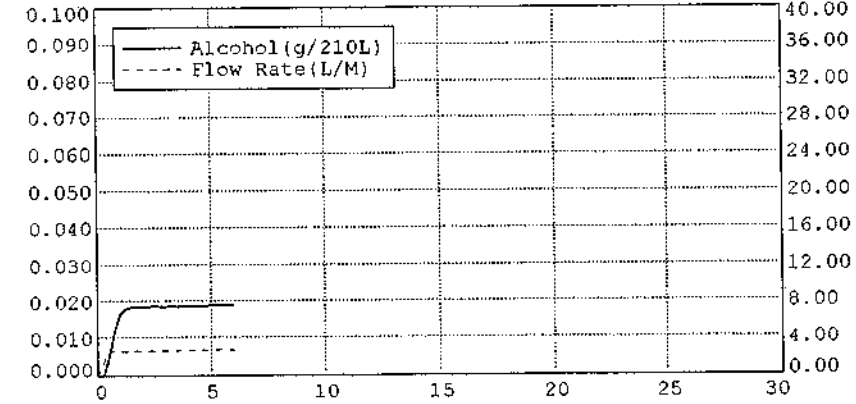
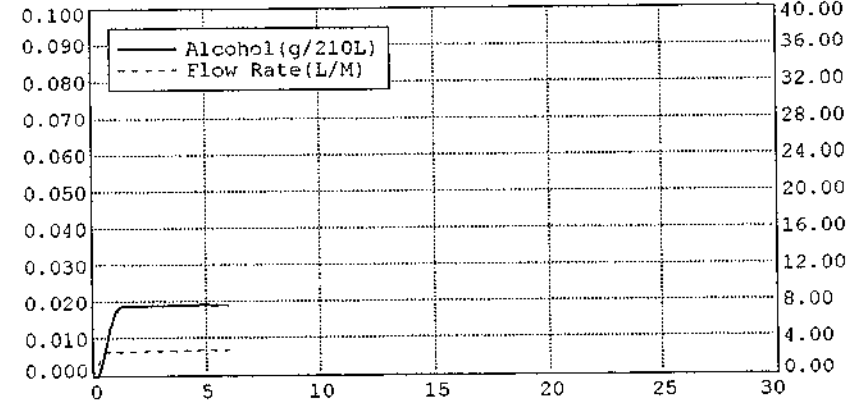
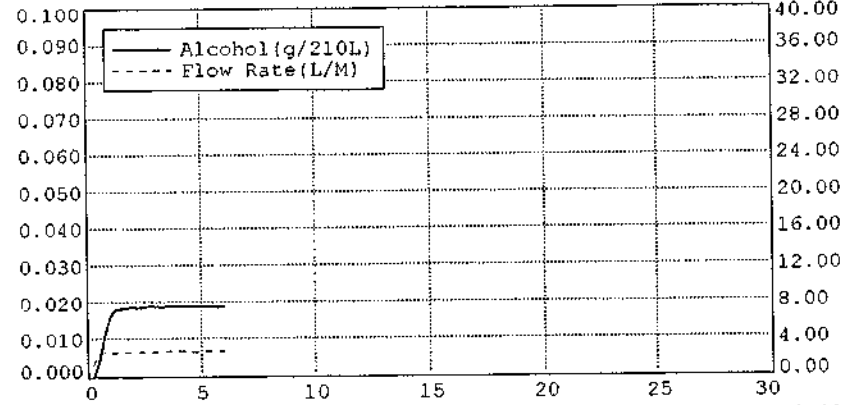
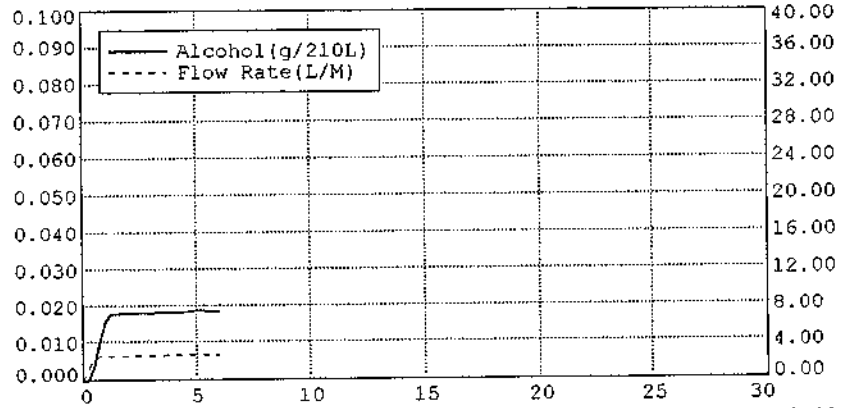
Average = 0.0202
 Std Dev = 0.0004

Lot 02915 020A2

Exp 3/15/17
02912116

COB 3/3/15

Average - 0.020



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100377

Date: 03/03/2015
 Time: 07:10:36

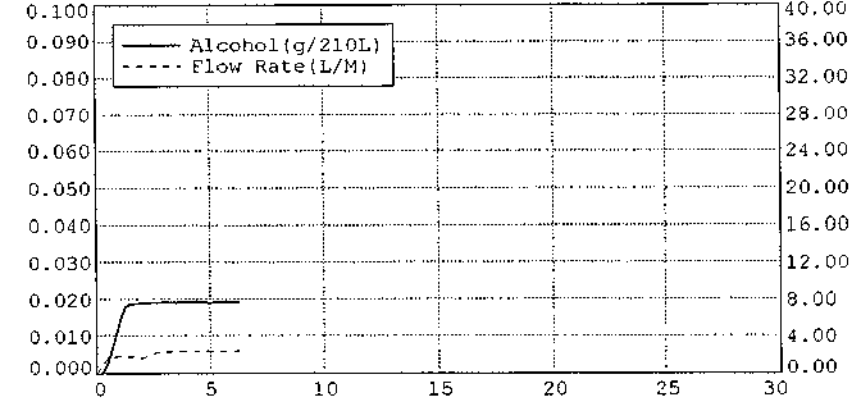
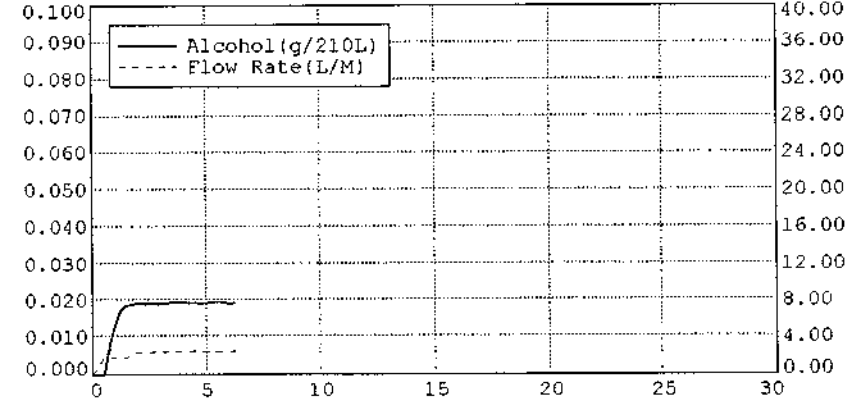
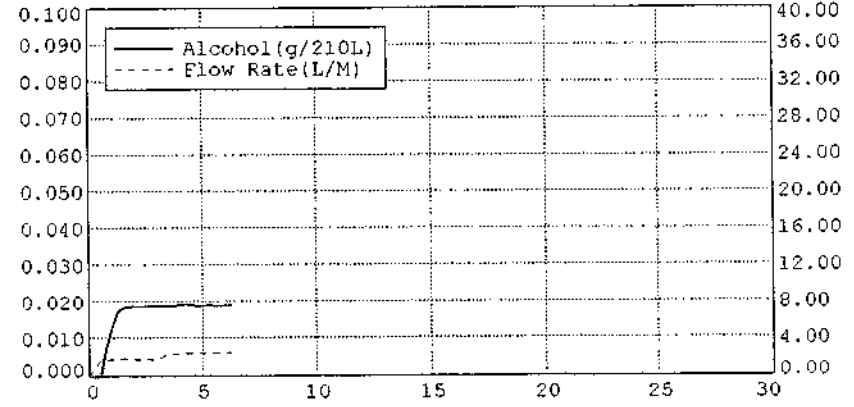
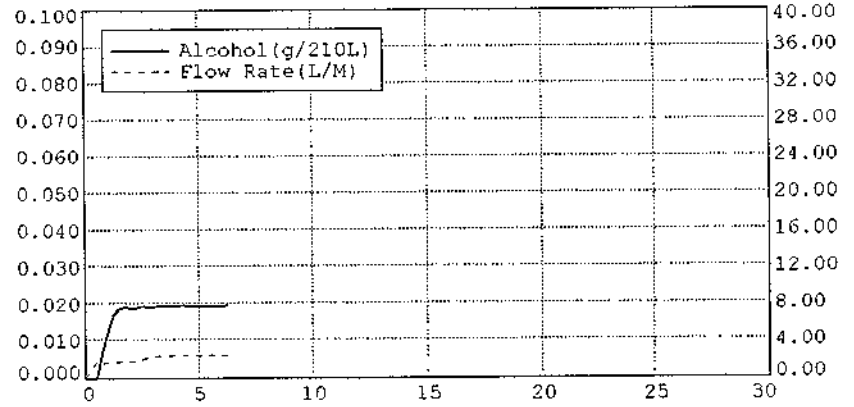
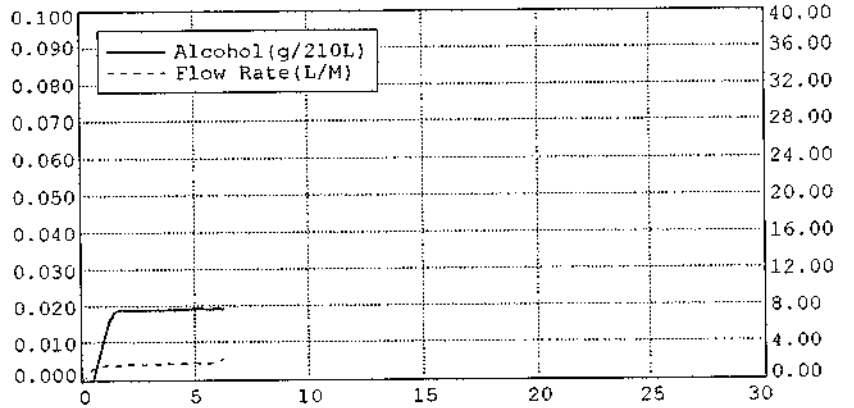
SUPERVISOR NAME:
 COLLEEN S OBRyant
 OPERATOR'S #: 6237

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.020
 TARGET AT 29.73: 0.020
 TANK PRESSURE: 1070 psi

BLANK TEST	0.000	07:11
INTERNAL STANDARD	VERIFIED	07:11
EXTERNAL STANDARD	0.021	07:11
BLANK TEST	0.000	07:12
EXTERNAL STANDARD	0.021	07:13
BLANK TEST	0.000	07:14
EXTERNAL STANDARD	0.020	07:14
BLANK TEST	0.000	07:15
EXTERNAL STANDARD	0.020	07:15
BLANK TEST	0.000	07:16
EXTERNAL STANDARD	0.021	07:16
BLANK TEST	0.000	07:17

Average = 0.0206
 Std Dev = 0.0005

02915020A2
Lot ~~09215020A2~~ 028% 3/15
Exp 3/5/17
COB 3/3/15



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100668

Date: 03/03/2015
Time: 07:04:23

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

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.020
TARGET AT 29.75: 0.020
TANK PRESSURE: 1076 psi

BLANK TEST	0.000	07:13
INTERNAL STANDARD	VERIFIED	07:13
EXTERNAL STANDARD	0.021	07:13
BLANK TEST	0.000	07:14
EXTERNAL STANDARD	0.020	07:14
BLANK TEST	0.000	07:15
EXTERNAL STANDARD	0.020	07:15
BLANK TEST	0.000	07:16
EXTERNAL STANDARD	0.021	07:16
BLANK TEST	0.000	07:17
EXTERNAL STANDARD	0.021	07:17
BLANK TEST	0.000	07:18

Average = 0.0206
Std Dev = 0.0005

Lot 02915020A2
Exp 3/5/17
003 3/3/15

