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## Certificate of Analysis

**Certificate ID:** 6459  
**Part #:** BAC105L080T  
**Cylinder Size:** 105L  
**Lot Number:** 07214080A1  
**Expiration:** 4/1/2016

**0.080 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	208 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

03/21/14  
Date





SUPERVISOR TEST

Alaska Department of Public Safety  
 DATAMASTER dmt: 100377

Date: 05/30/2014  
 Time: 09:28:09

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

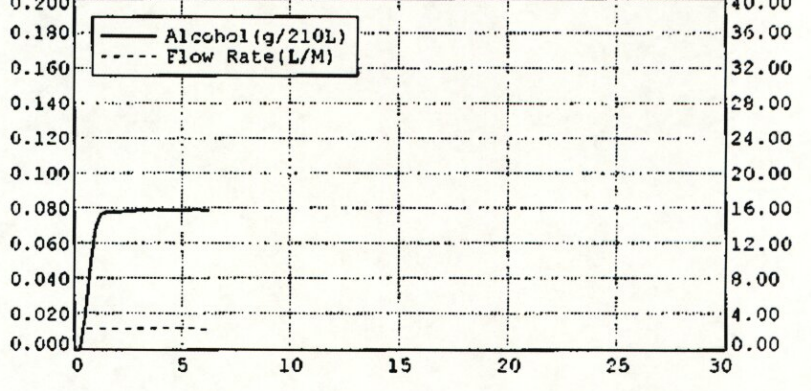
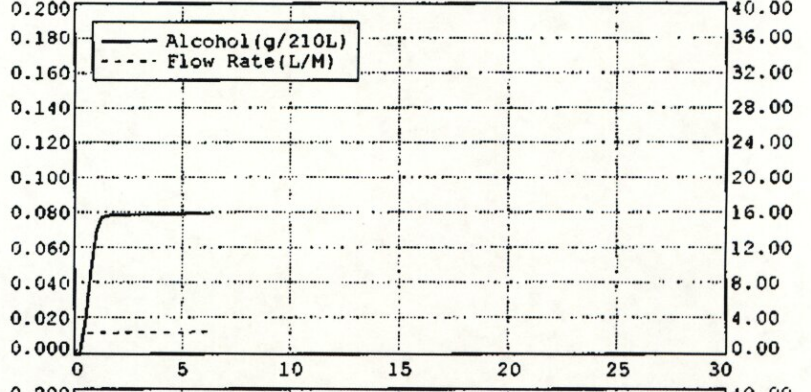
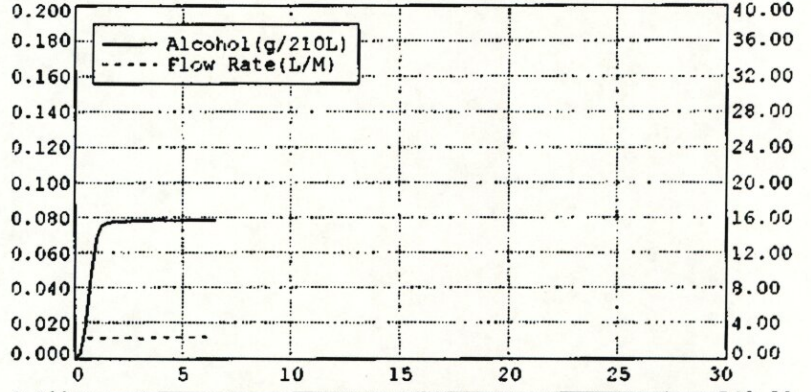
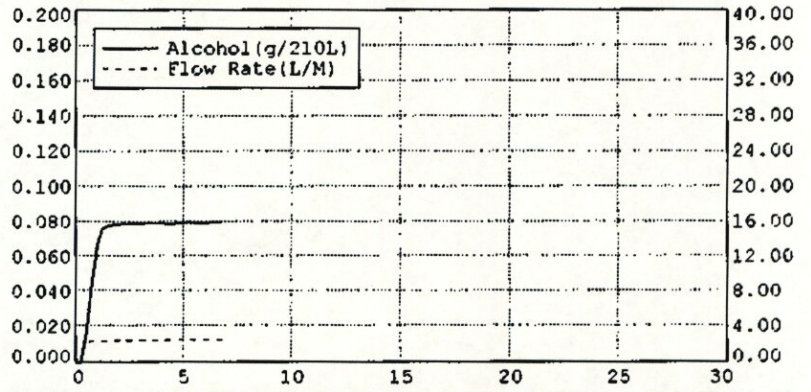
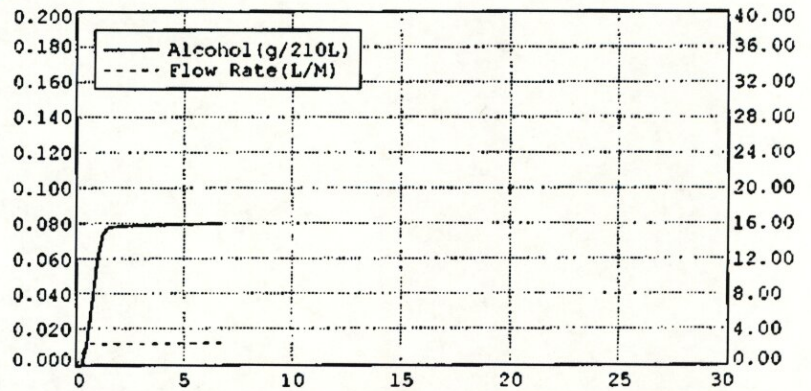
EXTERNAL STANDARD INFORMATION  
 NOMINAL: 0.080  
 TARGET AT 29.51: 0.078

BLANK TEST	0.000	09:29
INTERNAL STANDARD	VERIFIED	09:29
EXTERNAL STANDARD	0.080	09:29
BLANK TEST	0.000	09:30
EXTERNAL STANDARD	0.080	09:31
BLANK TEST	0.000	09:31
EXTERNAL STANDARD	0.079	09:32
BLANK TEST	0.000	09:33
EXTERNAL STANDARD	0.080	09:33
BLANK TEST	0.000	09:34
EXTERNAL STANDARD	0.079	09:34
BLANK TEST	0.000	09:35

Average = 0.0802  
 Std Dev = 0.0005

*Lot 07214080A1*  
*Exp 4/1/16*

*COB 5/30/14*





SUPERVISOR TEST

Alaska Department of Public Safety  
 DATAMASTER dmt: 100668

Date: 05/30/2014  
 Time: 09:07:42

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

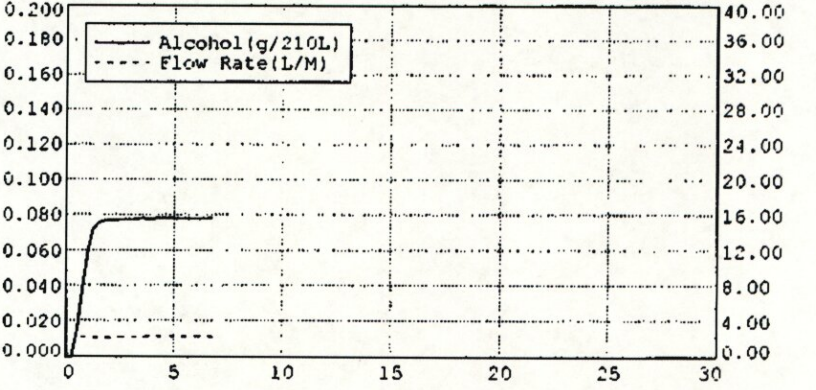
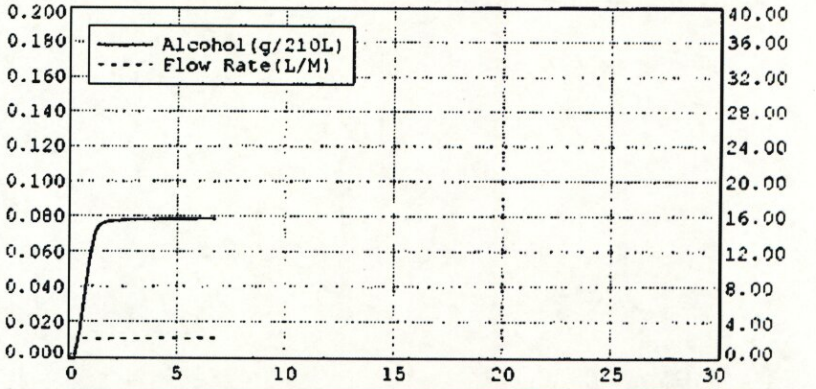
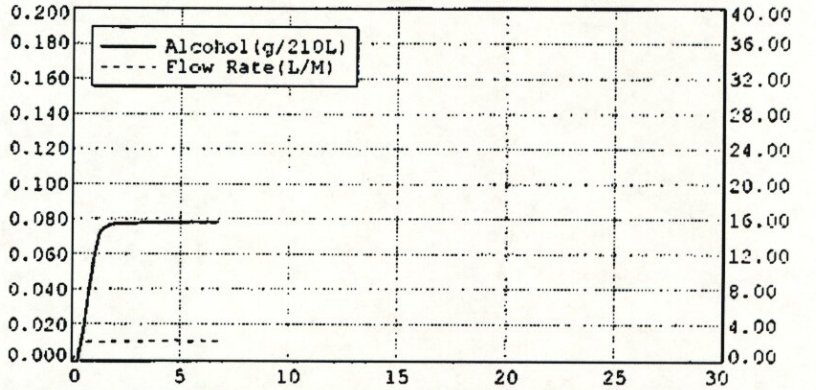
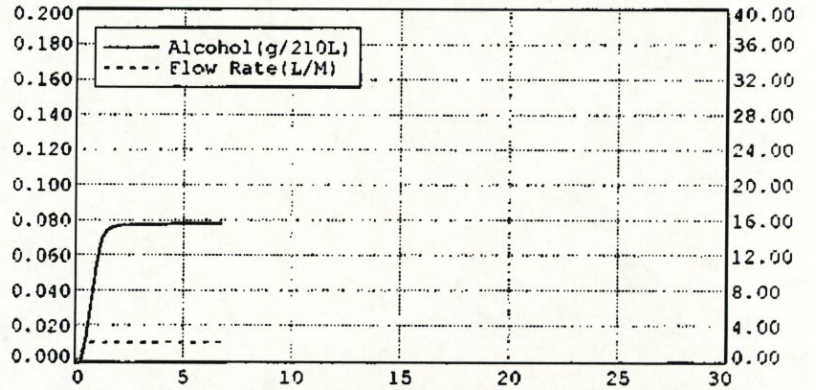
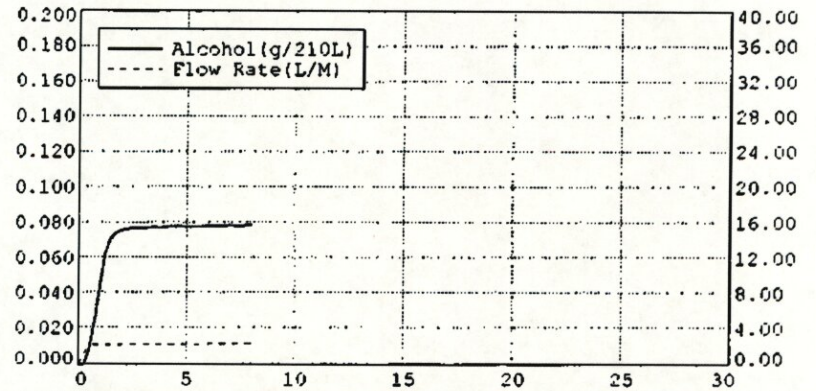
EXTERNAL STANDARD INFORMATION  
 NOMINAL: 0.080  
 TARGET AT 29.52: 0.078

BLANK TEST	0.000	09:09
INTERNAL STANDARD	VERIFIED	09:09
EXTERNAL STANDARD	0.079	09:09
BLANK TEST	0.000	09:10
EXTERNAL STANDARD	0.079	09:10
BLANK TEST	0.000	09:11
EXTERNAL STANDARD	0.079	09:11
BLANK TEST	0.000	09:12
EXTERNAL STANDARD	0.079	09:12
BLANK TEST	0.000	09:13
EXTERNAL STANDARD	0.079	09:13
BLANK TEST	0.000	09:14

Average = 0.0795  
 Std Dev = 0.0002

*Lot 07244080A1  
 Exp 4/1/16*

*COB 5/30/14*





SUPERVISOR TEST

Alaska Department of Public Safety  
 DATAMASTER dmt: 100362

Date: 05/30/2014  
 Time: 09:45:36

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

EXTERNAL STANDARD INFORMATION  
 NOMINAL: 0.080  
 TARGET AT 29.52: 0.078

BLANK TEST	0.000	09:46
INTERNAL STANDARD	VERIFIED	09:47
EXTERNAL STANDARD	0.078	09:47
BLANK TEST	0.000	09:48
EXTERNAL STANDARD	0.078	09:48
BLANK TEST	0.000	09:49
EXTERNAL STANDARD	0.078	09:49
BLANK TEST	0.000	09:50
EXTERNAL STANDARD	0.079	09:50
BLANK TEST	0.000	09:51
EXTERNAL STANDARD	0.079	09:51
BLANK TEST	0.000	09:52

Average = 0.0789  
 Std Dev = 0.0004

*Lot 07214080A1*  
*Exp 4/1/16*

*COB 5/30/14*

