



Airgas USA LLC (LAB)

3500 Bernard Street

St. Louis, Mo. 63103

Ph: (314) 533-3100

Fax: (314) 533-7328

Certificate of Analysis

Customer Name

Exclusive Supplier

Intoximeters, Inc.

2081 Craig Road

St. Louis, Mo 63146

Test Date: 6-Dec-2016

Lot # AG634001 Model 108cacd

Exp. Date

5-Dec-2018

Cyl. Type

108

Component

Ethanol

Nitrogen

Certified Concentration

0.080 ± 0.002 BrAC (208 ppm)

Balance

Certification Traceable to N.I.S.T. RGM Ethanol Standards:

Serial No.

EB0010581

EB0010570

EB0010285

EB0010561

EB0010681

Concentration

392.1 ppm

259.8 ppm

208.0 ppm

103.6 ppm

52.12 ppm

Serial No.

EB0010603

EB0010559

EB0010595

EB0010562

EB0010579

Concentration

393.0 ppm

258.2 ppm

208.3 ppm

104.2 ppm

52.81 ppm

Analytical Method:

NDIR

Digitally signed by Quality Control
Date: 2016.12.06 08:39:54 -06:00
Reason: Dry gas standard certification of analysis
Location: Airgas USA LLC (Lab)

Approved for Release:

Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100348

Date: 01/25/2017
 Time: 13:06:33

SUPERVISOR NAME:
 BRANDI BARNETT
 OPERATOR'S #: 7038

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.080
 TARGET AT 29.00: 0.078
 TANK PRESSURE: 1205 psi

BLANK TEST	0.000	13:07
INTERNAL STANDARD	VERIFIED	13:07
EXTERNAL STANDARD	0.075	13:08
BLANK TEST	0.000	13:09
EXTERNAL STANDARD	0.075	13:09
BLANK TEST	0.000	13:10
EXTERNAL STANDARD	0.075	13:10
BLANK TEST	0.000	13:11
EXTERNAL STANDARD	0.075	13:11
BLANK TEST	0.000	13:12
EXTERNAL STANDARD	0.075	13:12
BLANK TEST	0.000	13:13

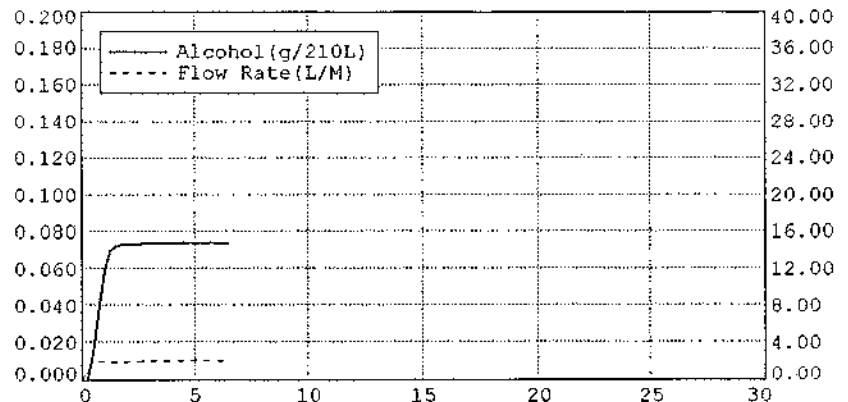
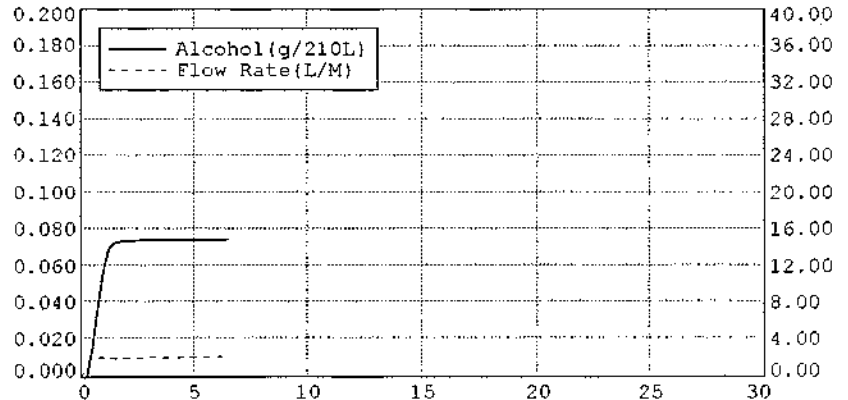
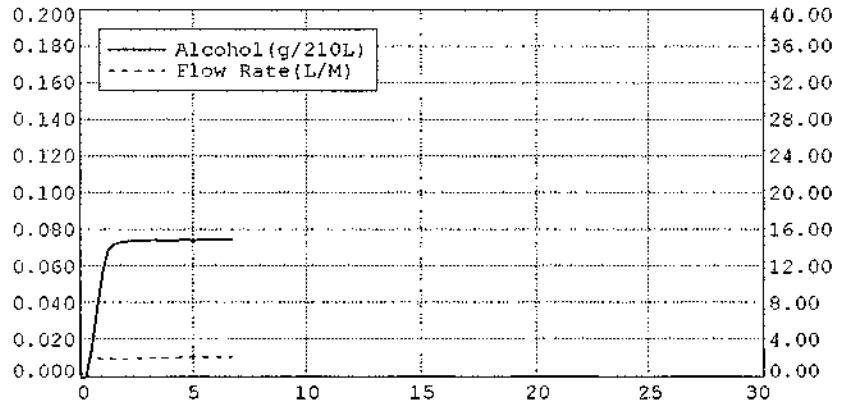
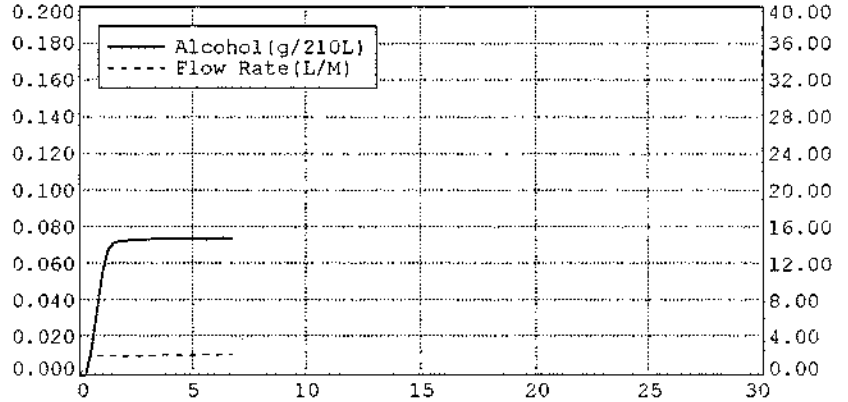
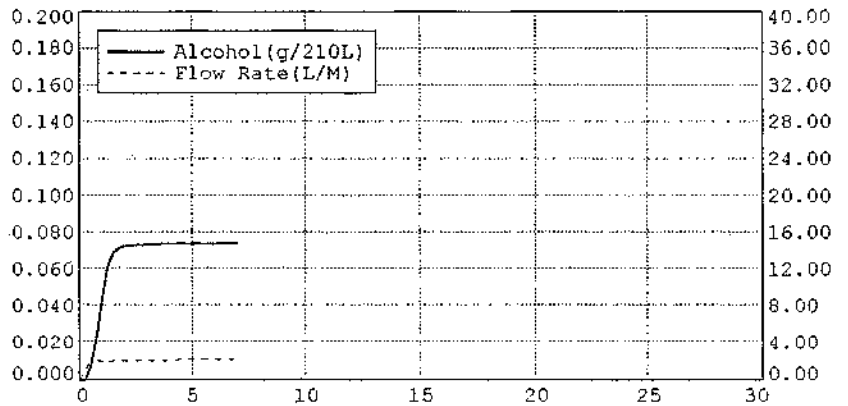
Average = 0.0750
 Std Dev = 0.0000

AG 634001 (1)
 Exp: 12/5/18
 BMB 1/26/17

0.0750
 0.0780
 0.0782

BMB
 1/26/17

Avg = 0.077
 Target = 0.078



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100411

Date: 01/25/2017
 Time: 13:21:44

SUPERVISOR NAME:
 BRANDI BARNETT
 OPERATOR'S #: 7038

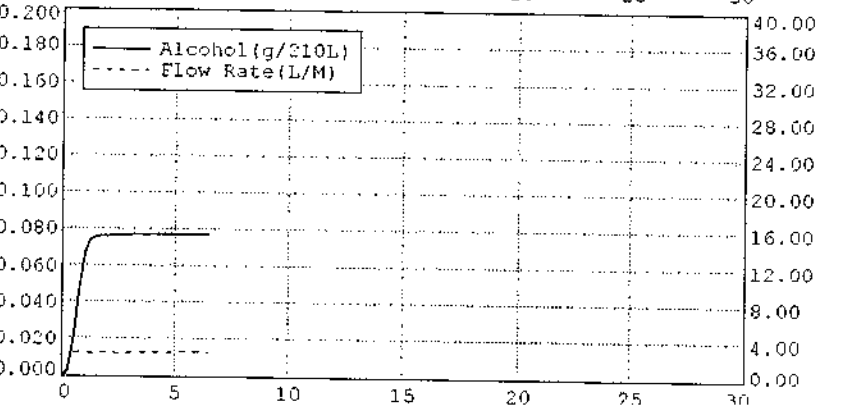
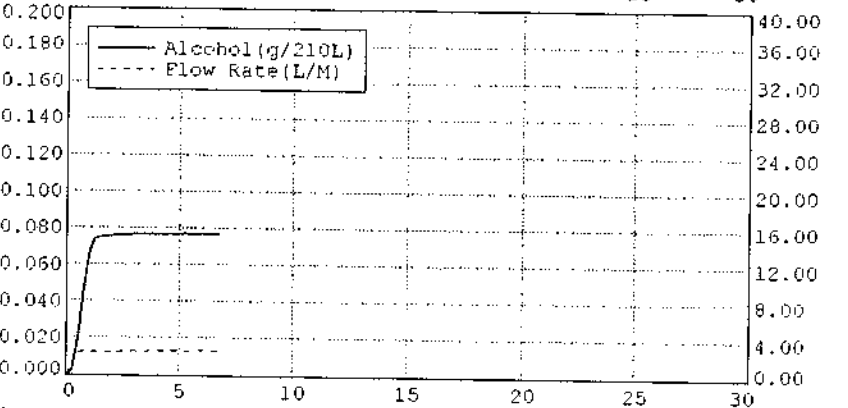
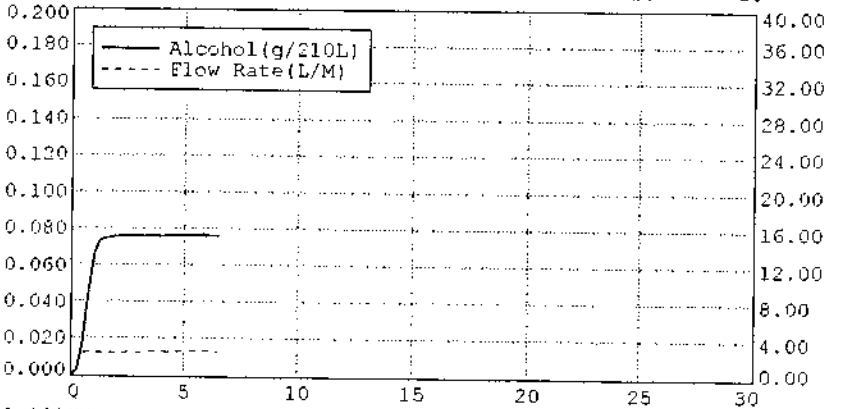
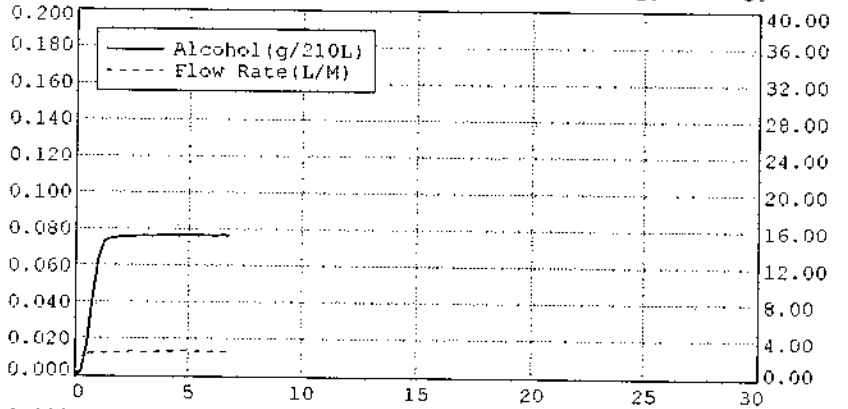
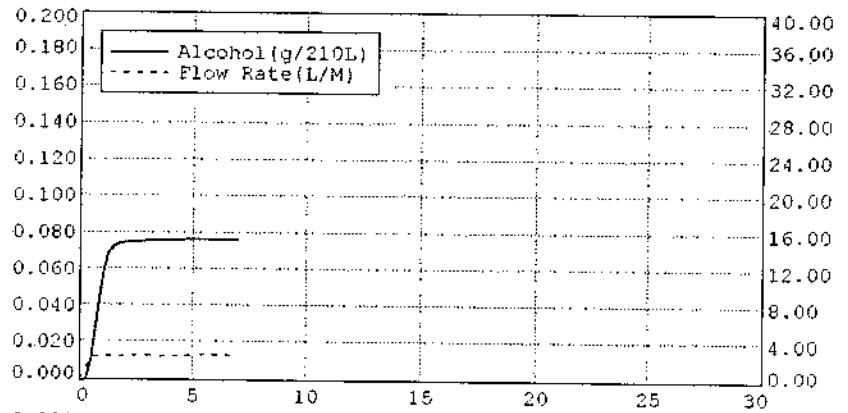
EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
 TARGET AT 29.05: 0.078
 LOT #: AG608504
 EXPIRATION: 03/25/2018
 TANK PRESSURE: 1196 psi

BLANK TEST	0.000	13:22
INTERNAL STANDARD	VERIFIED	13:22
EXTERNAL STANDARD	0.078	13:23
BLANK TEST	0.000	13:24
EXTERNAL STANDARD	0.078	13:24
BLANK TEST	0.000	13:25
EXTERNAL STANDARD	0.078	13:25
BLANK TEST	0.000	13:26
EXTERNAL STANDARD	0.078	13:26
BLANK TEST	0.000	13:27
EXTERNAL STANDARD	0.078	13:27
BLANK TEST	0.000	13:28

Average = 0.0780
 Std Dev = 0.0000

AG 634001 (1)
 Exp: 12/5/18
 BMB 1/26/17



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100353

Date: 01/25/2017
 Time: 14:36:22

SUPERVISOR NAME:
 BRANDI BARNETT
 OPERATOR'S #: 7038

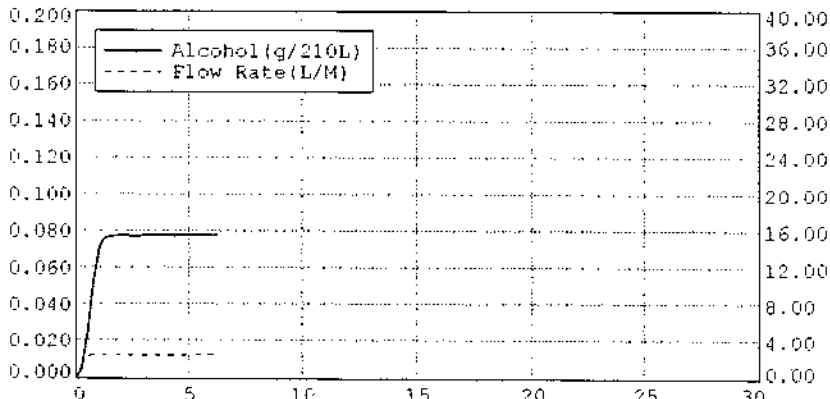
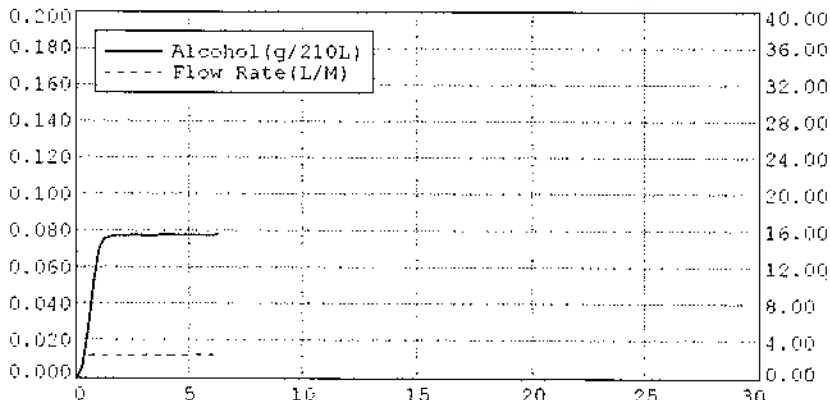
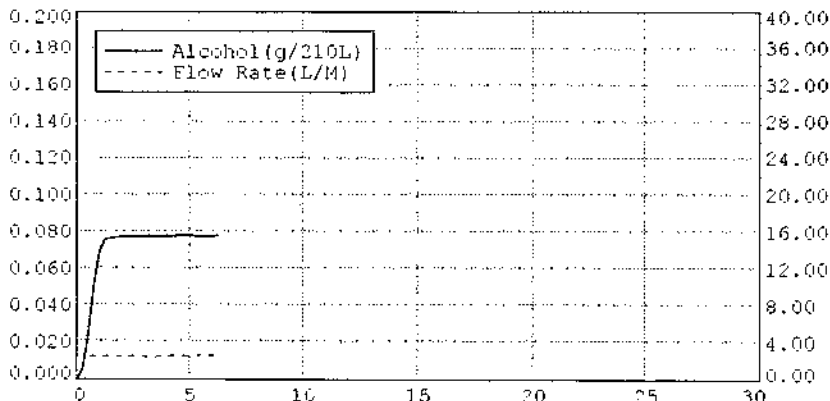
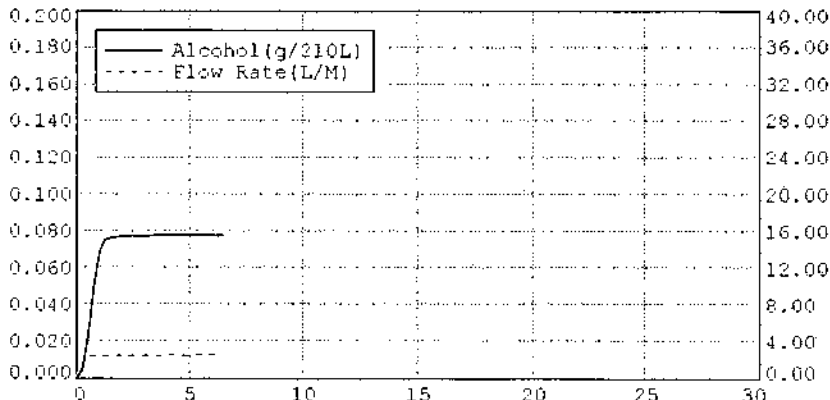
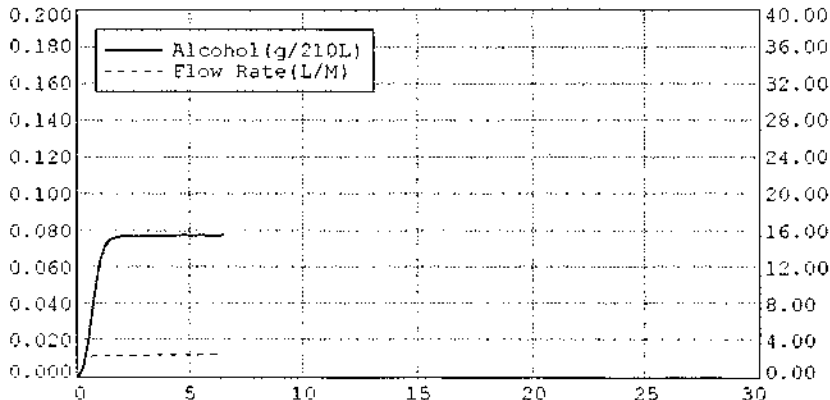
EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
 TARGET AT 29.03: 0.078
 TANK PRESSURE: 1217 psi

BLANK TEST	0.000	14:37
INTERNAL STANDARD	VERIFIED	14:37
EXTERNAL STANDARD	0.078	14:37
BLANK TEST	0.000	14:38
EXTERNAL STANDARD	0.078	14:39
BLANK TEST	0.000	14:39
EXTERNAL STANDARD	0.078	14:40
BLANK TEST	0.000	14:41
EXTERNAL STANDARD	0.078	14:41
BLANK TEST	0.000	14:42
EXTERNAL STANDARD	0.079	14:42
BLANK TEST	0.000	14:43

Average = 0.0782
 Std Dev = 0.0004

AG 634001 (1)
 Exp: 12/5/18
 BMB 1/26/17



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100411

Date: 01/25/2017
 Time: 13:04:41

SUPERVISOR NAME:
 BRANDI BARNETT
 OPERATOR'S #: 7038

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
 TARGET AT 29.03: 0.078
 TANK PRESSURE: 1241 psi

BLANK TEST	0.000	13:05
INTERNAL STANDARD	VERIFIED	13:05
EXTERNAL STANDARD	0.080	13:06
BLANK TEST	0.000	13:07
EXTERNAL STANDARD	0.079	13:07
BLANK TEST	0.000	13:08
EXTERNAL STANDARD	0.079	13:08
BLANK TEST	0.000	13:09
EXTERNAL STANDARD	0.079	13:09
BLANK TEST	0.000	13:10
EXTERNAL STANDARD	0.079	13:10
BLANK TEST	0.000	13:11

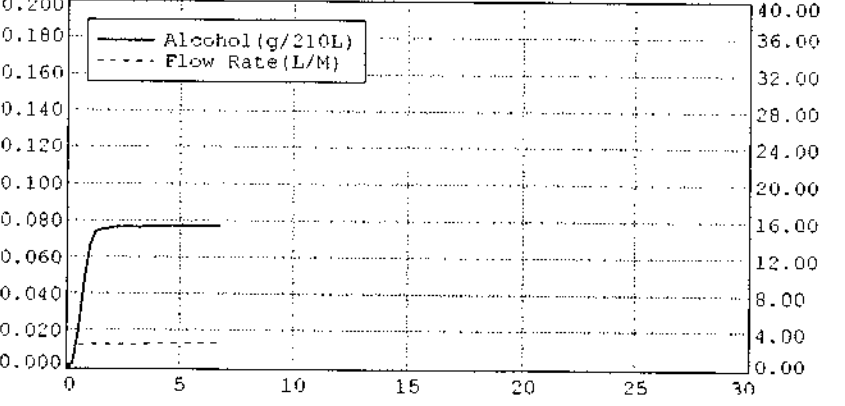
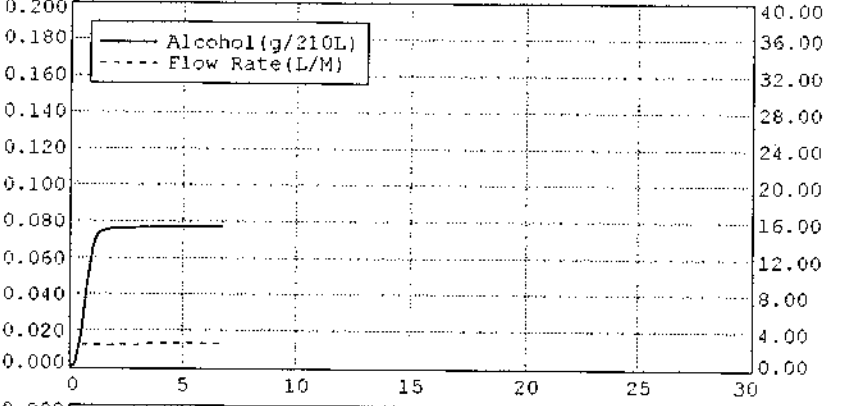
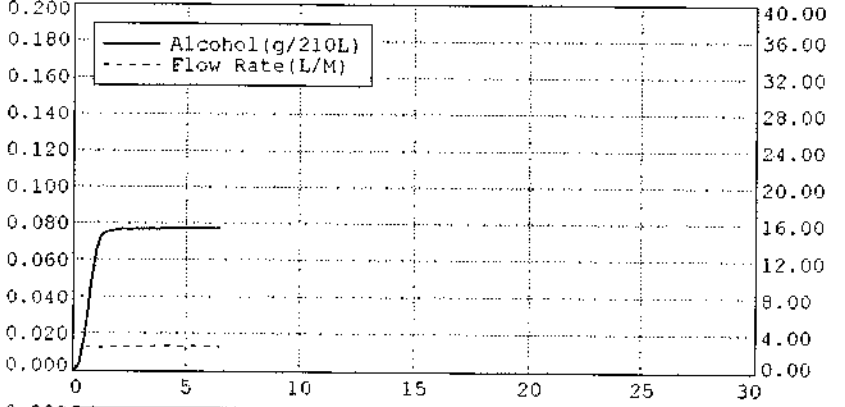
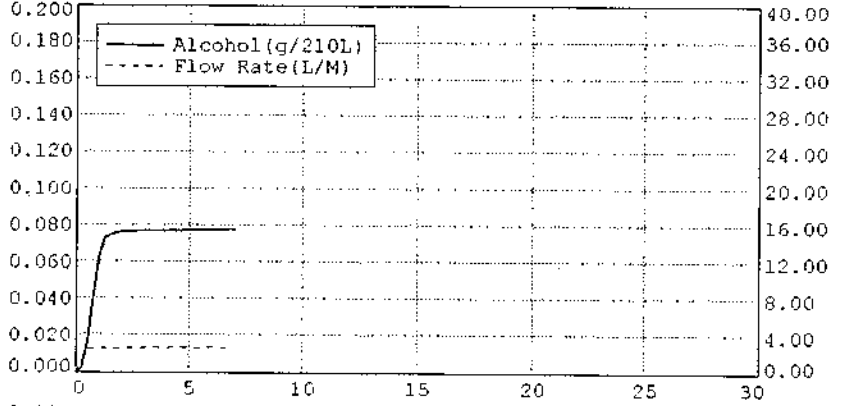
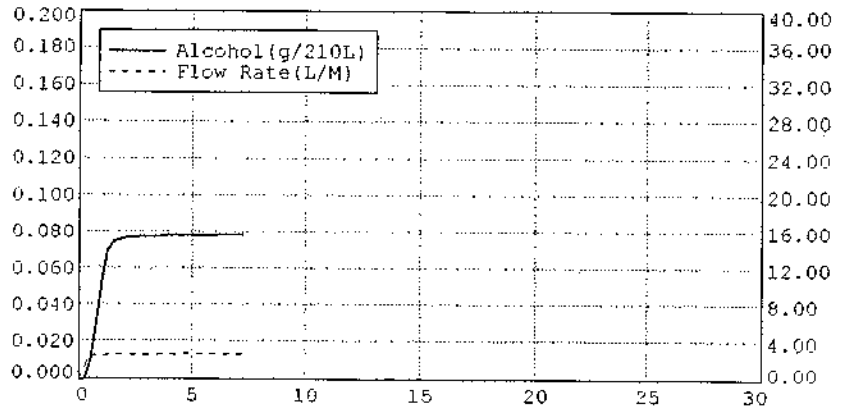
Average = 0.0792
 Std Dev = 0.0004

AG 634001 (2)
 Exp: 12/5/18
 BMB 1/26/17

0.0792
 0.0780
 0.0754

BMB
 1/26/17

Avg = 0.078
 Target = 0.078



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100353

Date: 01/25/2017
 Time: 14:25:36

SUPERVISOR NAME:
 BRANDI BARNETT
 OPERATOR'S #: 7038

EXTERNAL STANDARD INFORMATION

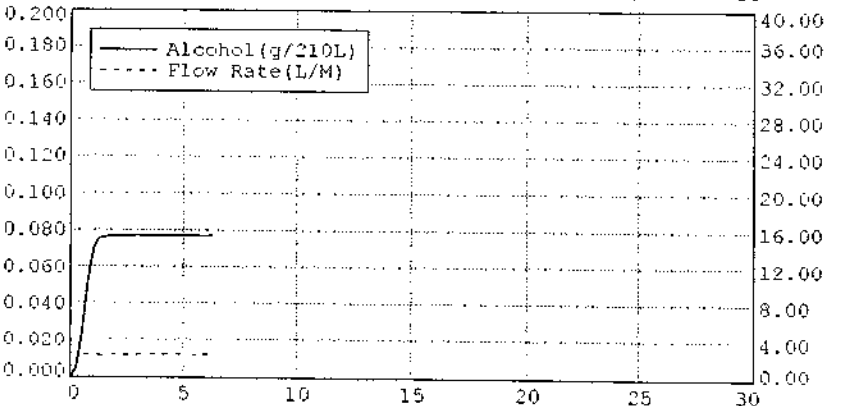
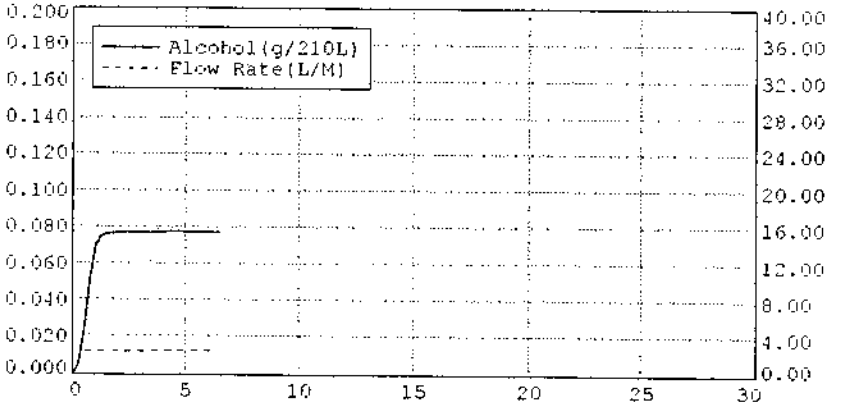
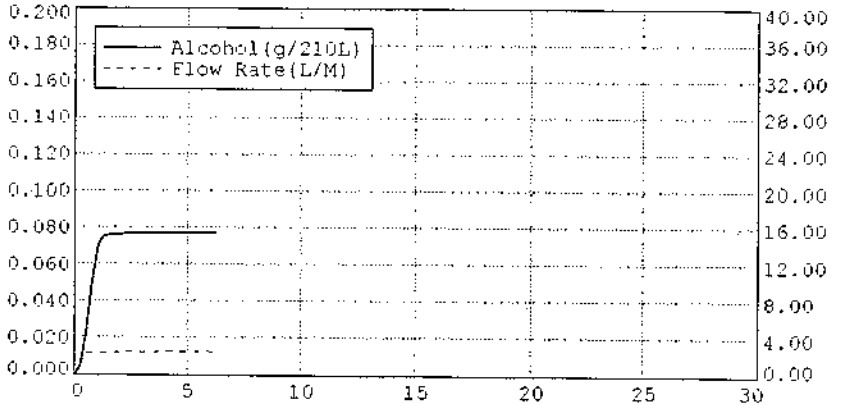
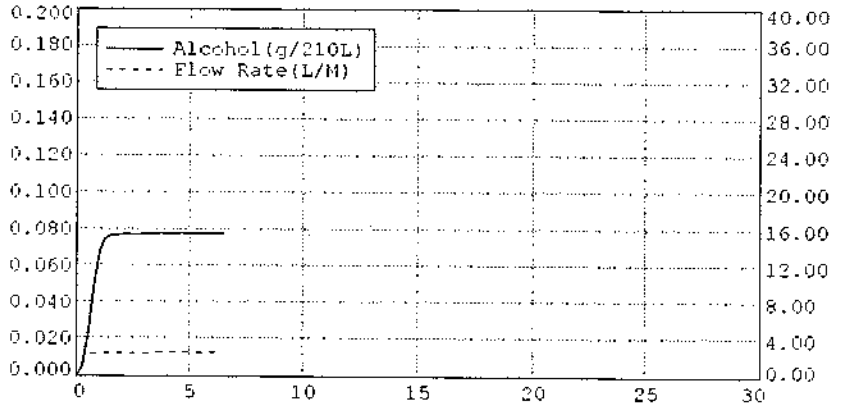
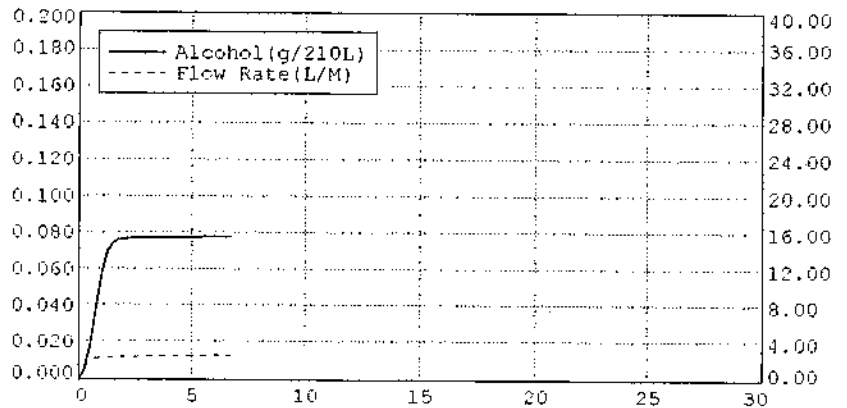
NOMINAL: 0.080
 TARGET AT 29.03: 0.078
 LOT #: AG608504
 EXPIRATION: 03/25/2018
 TANK PRESSURE: 1194 psi

BLANK TEST	0.000	14:26
INTERNAL STANDARD	VERIFIED	14:27
EXTERNAL STANDARD	0.078	14:27
BLANK TEST	0.000	14:28
EXTERNAL STANDARD	0.078	14:28
BLANK TEST	0.000	14:29
EXTERNAL STANDARD	0.078	14:29
BLANK TEST	0.000	14:30
EXTERNAL STANDARD	0.078	14:30
BLANK TEST	0.000	14:31
EXTERNAL STANDARD	0.078	14:31
BLANK TEST	0.000	14:32

Average = 0.0780
 Std Dev = 0.0000

AG 634001
 Exp: 12/5/18
 BMB 1/26/17

(2)



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100348

Date: 01/25/2017
 Time: 13:34:41

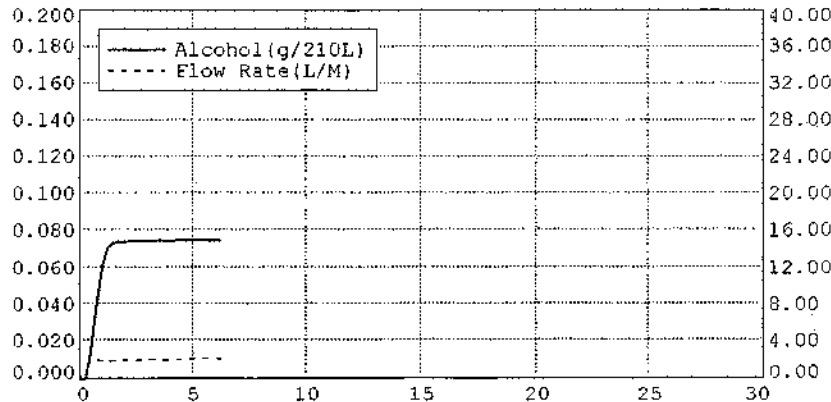
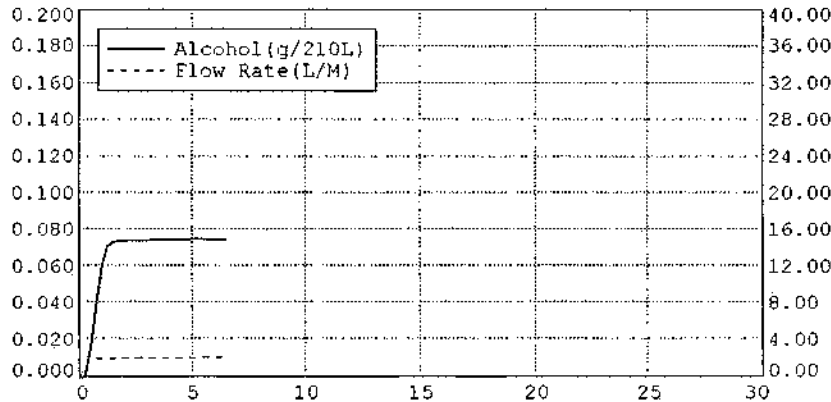
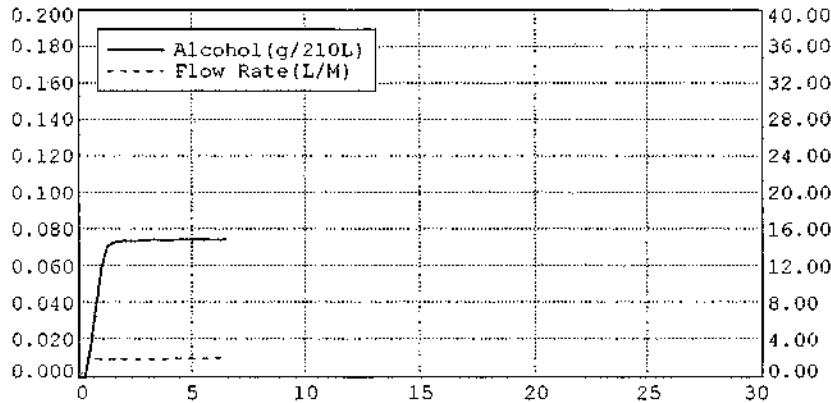
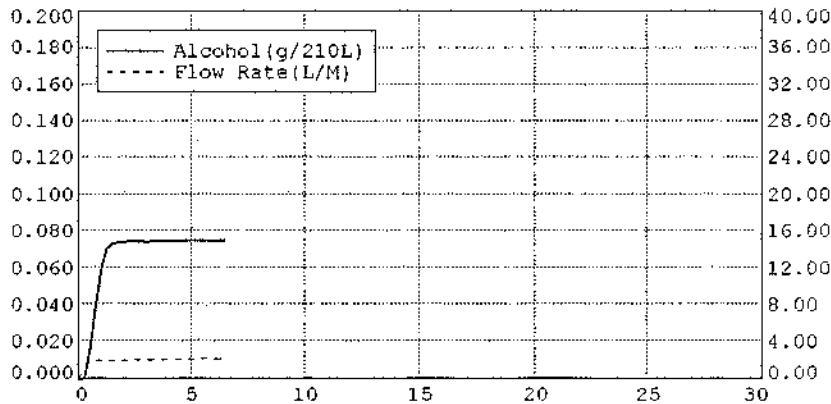
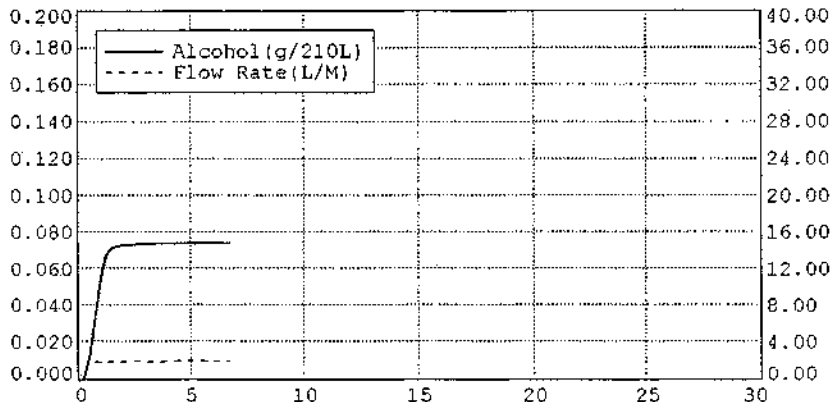
SUPERVISOR NAME:
 BRANDI BARNETT
 OPERATOR'S #: 7038

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.080
 TARGET AT 29.01: 0.078
 TANK PRESSURE: 1180 psi

BLANK TEST	0.000	13:35
INTERNAL STANDARD	VERIFIED	13:35
EXTERNAL STANDARD	0.075	13:36
BLANK TEST	0.000	13:36
EXTERNAL STANDARD	0.076	13:37
BLANK TEST	0.000	13:38
EXTERNAL STANDARD	0.075	13:38
BLANK TEST	0.000	13:39
EXTERNAL STANDARD	0.075	13:39
BLANK TEST	0.000	13:40
EXTERNAL STANDARD	0.076	13:40
BLANK TEST	0.000	13:41

Average = 0.0754
 Std Dev = 0.0005

AG 634001 (2)
 Exp: 12/5/18
 BMB 1/26/17



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100353

Date: 01/25/2017
 Time: 14:08:56

SUPERVISOR NAME:
 BRANDI BARNETT
 OPERATOR'S #: 7038

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
 TARGET AT 29.02: 0.078
 TANK PRESSURE: 1206 psi

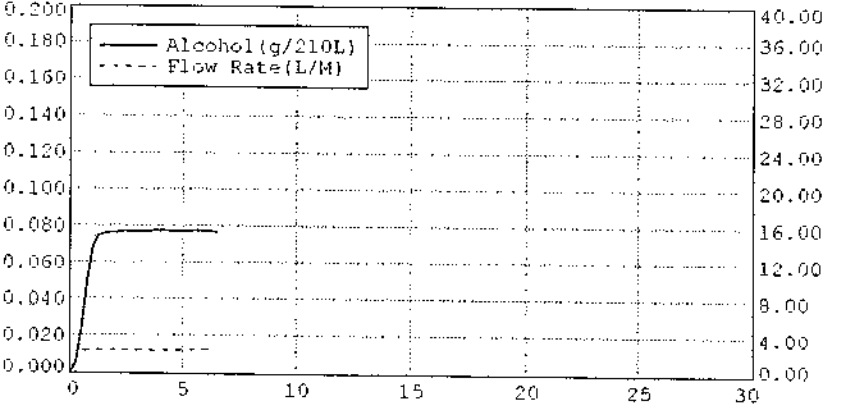
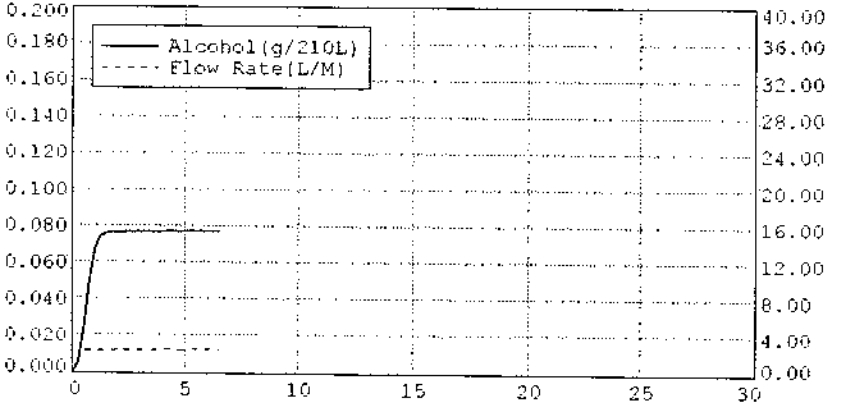
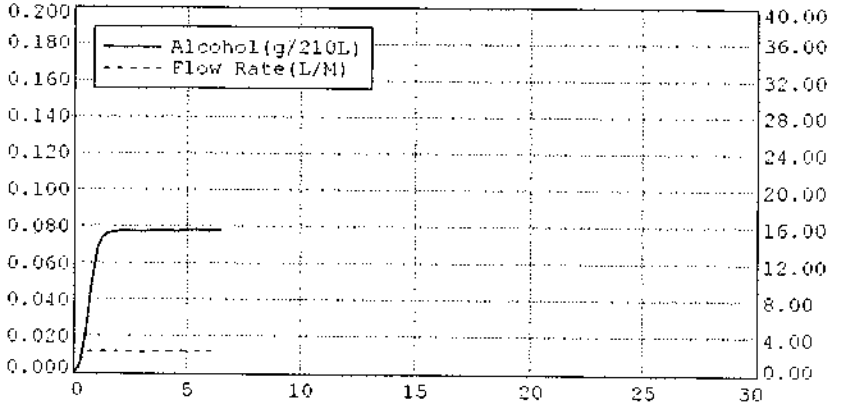
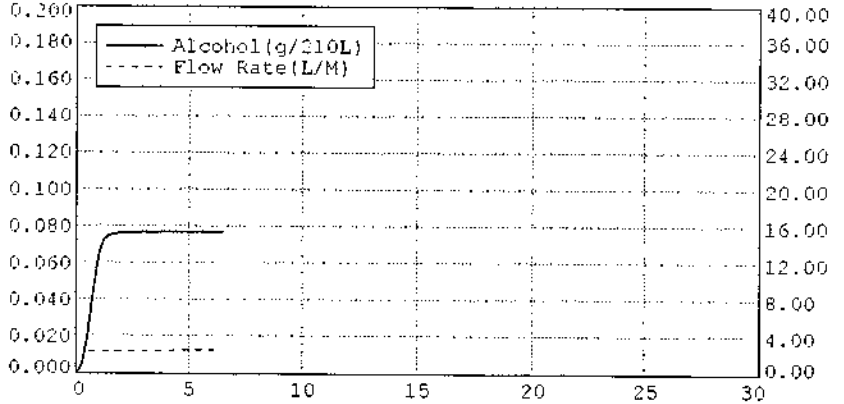
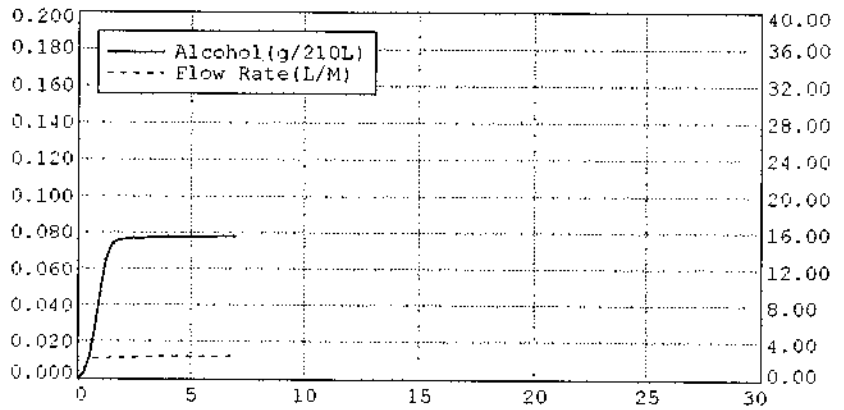
BLANK TEST	0.000	14:09
INTERNAL STANDARD	VERIFIED	14:10
EXTERNAL STANDARD	0.079	14:10
BLANK TEST	0.000	14:11
EXTERNAL STANDARD	0.078	14:11
BLANK TEST	0.000	14:12
EXTERNAL STANDARD	0.078	14:12
BLANK TEST	0.000	14:13
EXTERNAL STANDARD	0.078	14:13
BLANK TEST	0.000	14:14
EXTERNAL STANDARD	0.078	14:14
BLANK TEST	0.000	14:15

Average = 0.0782
 Std Dev = 0.0004

AG634001 (3)
 Exp: 12/5/18
 BMB 1/26/17

0.0782
 0.0756
 0.0784
 BMB
 1/26/17

Avg = 0.077
 Target = 0.078



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100348

Date: 01/25/2017
Time: 13:23:58

SUPERVISOR NAME:
BRANDI BARNETT
OPERATOR'S #: 7038

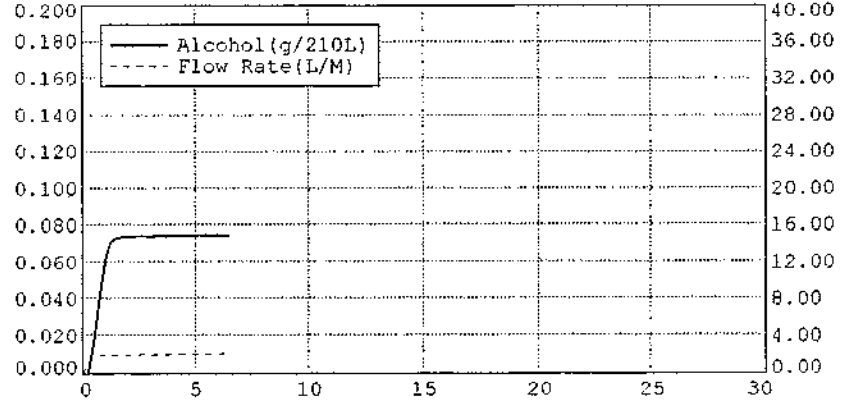
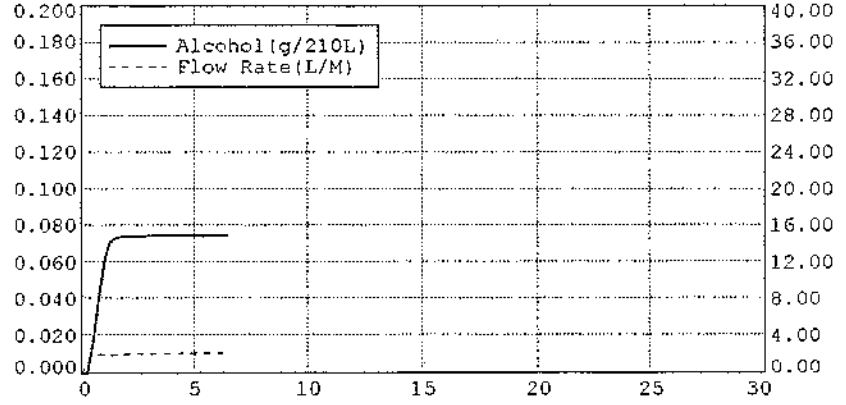
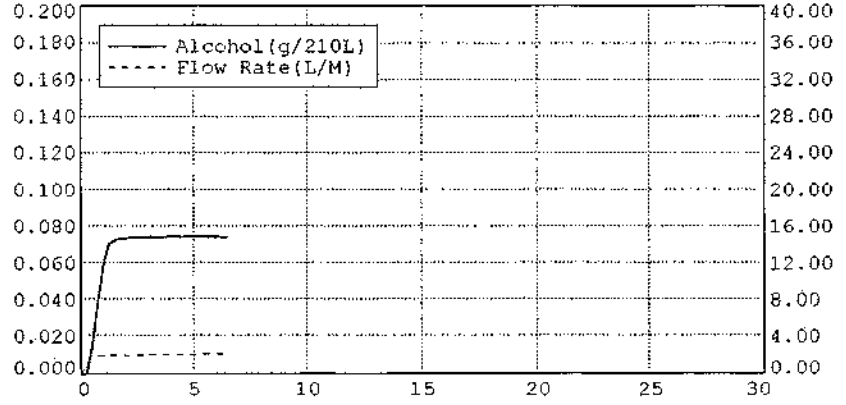
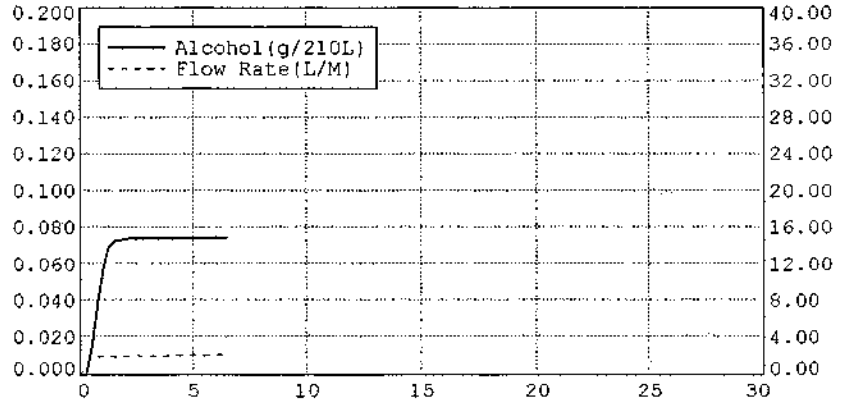
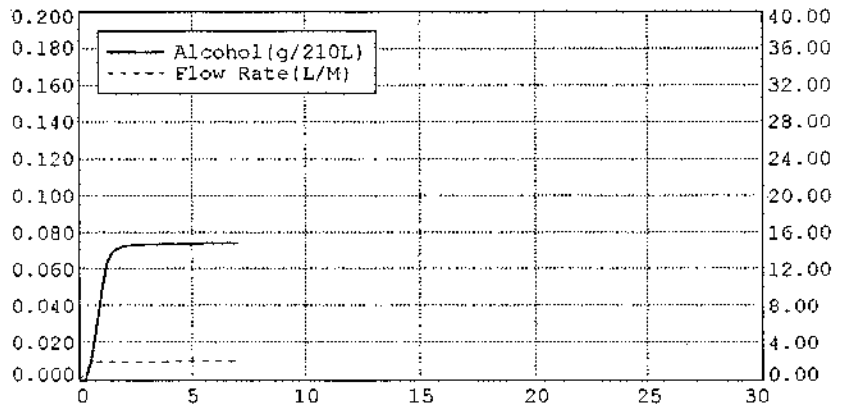
EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.02: 0.078
LOT #: 01315080A2
EXPIRATION: 02/05/2017
TANK PRESSURE: 1236 psi

BLANK TEST	0.000	13:24
INTERNAL STANDARD	VERIFIED	13:25
EXTERNAL STANDARD	0.075	13:25
BLANK TEST	0.000	13:26
EXTERNAL STANDARD	0.075	13:26
BLANK TEST	0.000	13:27
EXTERNAL STANDARD	0.076	13:27
BLANK TEST	0.000	13:28
EXTERNAL STANDARD	0.076	13:28
BLANK TEST	0.000	13:29
EXTERNAL STANDARD	0.076	13:29
BLANK TEST	0.000	13:30

Average = 0.0756
Std Dev = 0.0005

AG 634001 (3)
Exp: 12/5/18
BMB 1/26/17



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100411

Date: 01/25/2017
 Time: 13:32:28

SUPERVISOR NAME:
 BRANDI BARNETT
 OPERATOR'S #: 7038

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
 TARGET AT 29.05: 0.078
 TANK PRESSURE: 1175 psi

BLANK TEST	0.000	13:33
INTERNAL STANDARD	VERIFIED	13:33
EXTERNAL STANDARD	0.079	13:33
BLANK TEST	0.000	13:34
EXTERNAL STANDARD	0.078	13:35
BLANK TEST	0.000	13:35
EXTERNAL STANDARD	0.078	13:36
BLANK TEST	0.000	13:37
EXTERNAL STANDARD	0.078	13:37
BLANK TEST	0.000	13:38
EXTERNAL STANDARD	0.079	13:38
BLANK TEST	0.000	13:39

Average = 0.0784
 Std Dev = 0.0005

AG 634001 (3)
 Exp: 12/5/18
 BMB 1/26/17

