



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: 30-Nov-2023

Lot # AG333401 Model 108

Exp Date	Cyl. Type	Component	Certified Concentration
30-Nov-2025	108	Ethanol Nitrogen	0.100 ± 2% BrAC (260 ppm)

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010561	103.7 ppm	EB0010579	52.94 ppm
EB0010681	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	799.4 ppm	CC727493	389.8 ppm
CC727496	253.4 ppm	CC727498	150.2 ppm

Analytical Method: NDIR

Digitally signed by:Quality Control
 Reason:Dry gas standard certification of analysis
 Location:Airgas USA LLC (Lab)
 Date:11.30.2023 16:00



Approved for Release: _____
 Yusef Woods

ISO 17025:2017 A2LA accredited. Certificate Number 3082.06
ISO 17034:2016 A2LA accredited. Certificate Number 3082.07

SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100375

Date: 12/13/2023
 Time: 12:04:53

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

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.100
 TARGET AT 28.87: 0.096
 TANK PRESSURE: 1208 psi

BLANK TEST	0.000	12:06
INTERNAL STANDARD	VERIFIED	12:06
EXTERNAL STANDARD	0.097	12:06
BLANK TEST	0.000	12:07
EXTERNAL STANDARD	0.098	12:07
BLANK TEST	0.000	12:08
EXTERNAL STANDARD	0.097	12:08
BLANK TEST	0.000	12:09
EXTERNAL STANDARD	0.098	12:09
BLANK TEST	0.000	12:10
EXTERNAL STANDARD	0.098	12:10
BLANK TEST	0.000	12:11

Average = 0.0976
 Std Dev = 0.0005

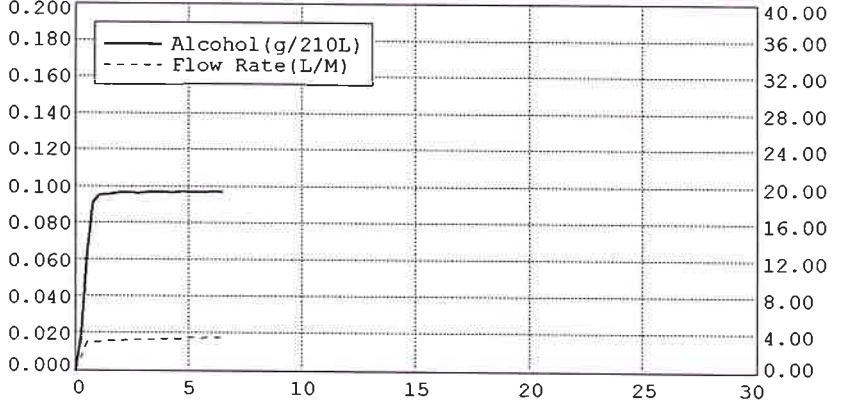
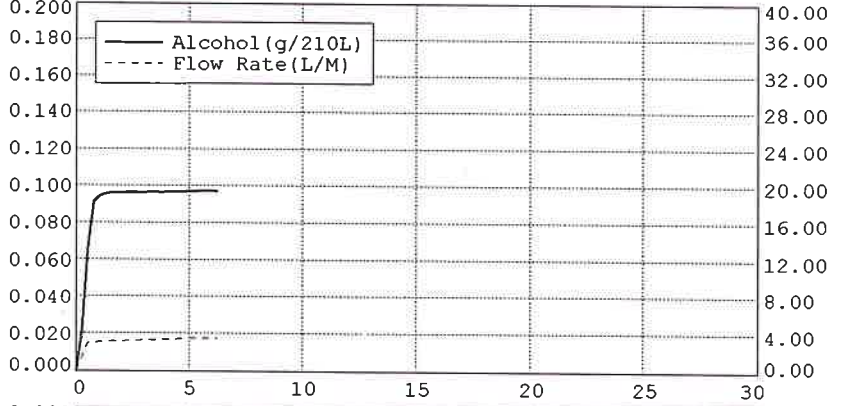
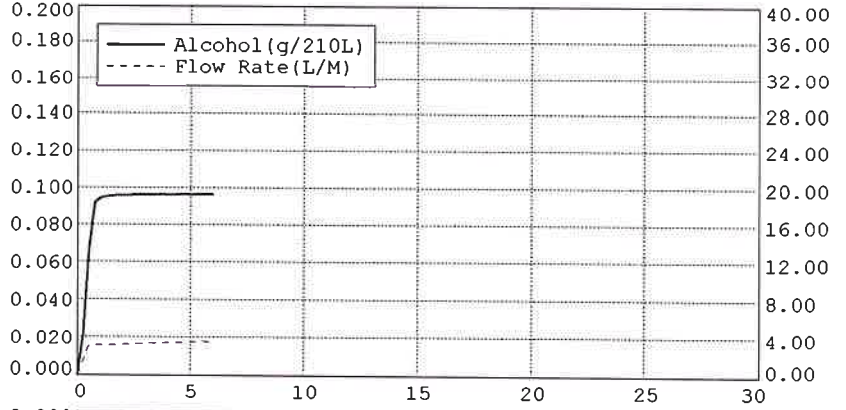
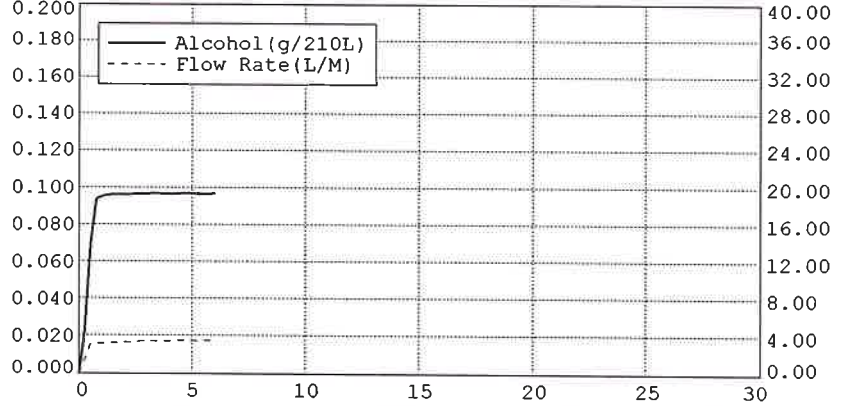
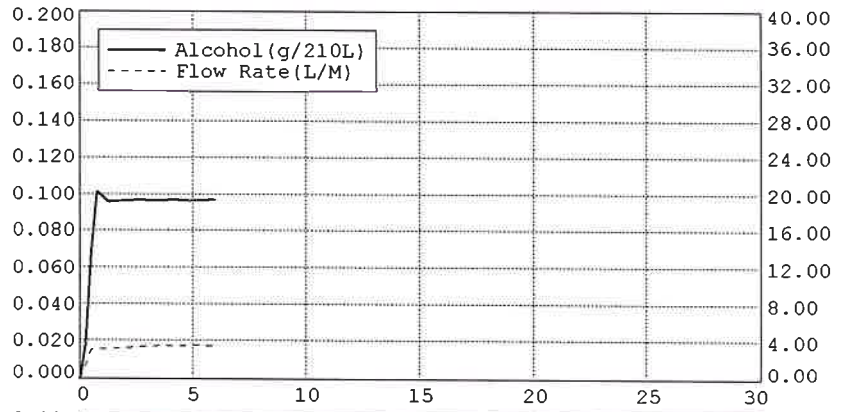
Lot AG333401

Exp 11/30/25

Tank 013

COB 12/13/23

Arg = 0.097



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100397

Date: 12/13/2023
 Time: 11:53:05

SUPERVISOR NAME:
 COLLEEN S O'BRYAN
 OPERATOR'S #: 6237

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.100
 TARGET AT 28.91: 0.097
 TANK PRESSURE: 1181 psi

BLANK TEST	0.000	11:56
INTERNAL STANDARD	VERIFIED	11:56
EXTERNAL STANDARD	0.097	11:56
BLANK TEST	0.000	11:57
EXTERNAL STANDARD	0.097	11:57
BLANK TEST	0.000	11:58
EXTERNAL STANDARD	0.097	11:59
BLANK TEST	0.000	11:59
EXTERNAL STANDARD	0.097	12:00
BLANK TEST	0.000	12:01
EXTERNAL STANDARD	0.096	12:01
BLANK TEST	0.000	12:02

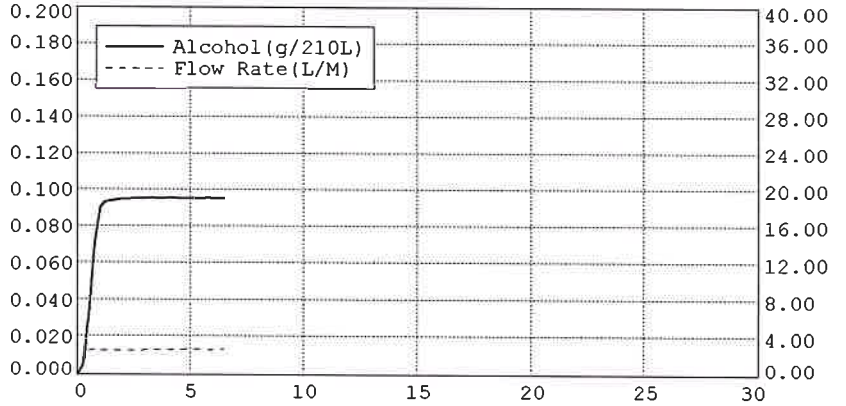
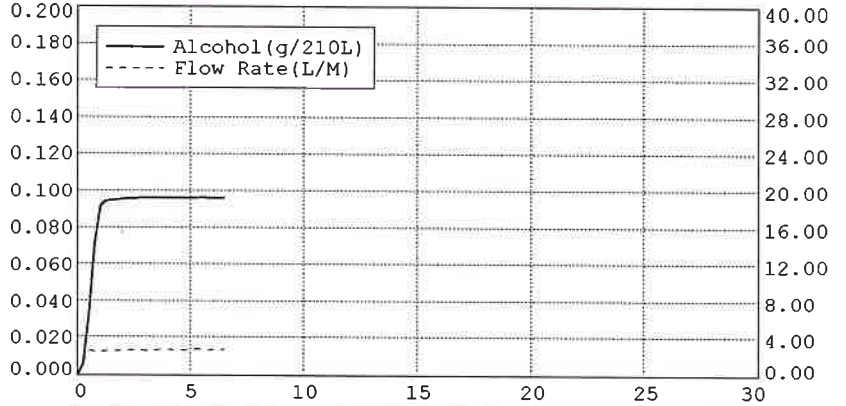
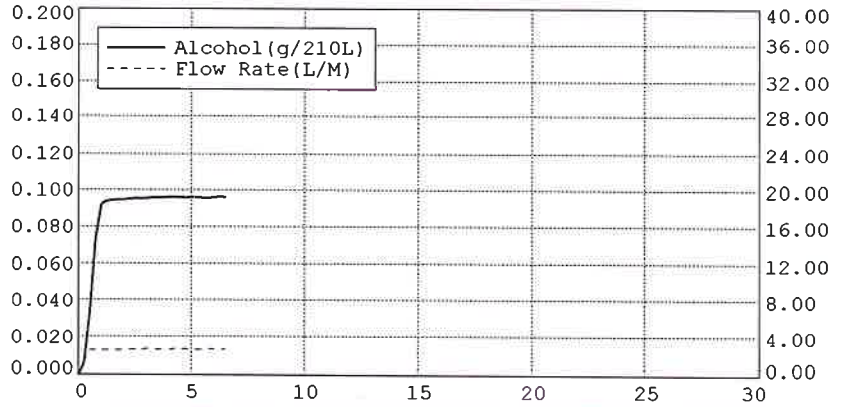
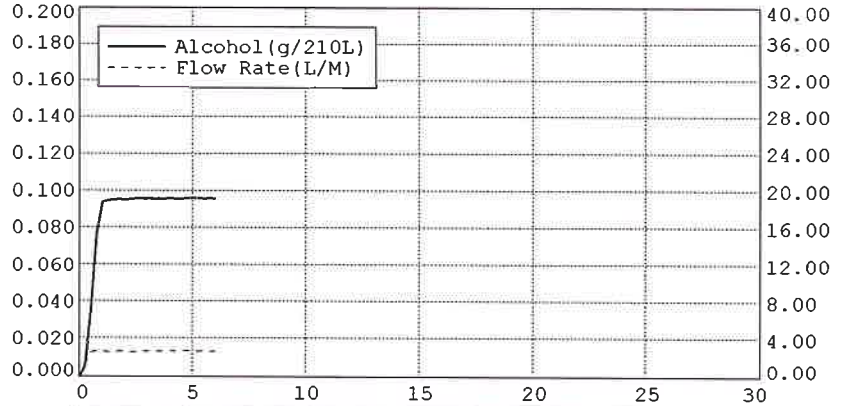
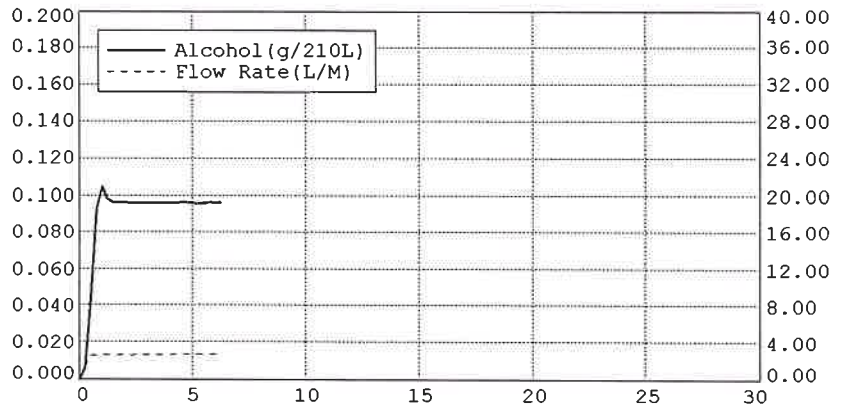
Average = 0.0968
 Std Dev = 0.0004

Lot AG333401

Exp 11/30/25

Tank 013

COB 12/13/23



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100399

Date: 12/13/2023
 Time: 11:57:21

SUPERVISOR NAME:
 COLLEEN S O'BRYAN
 OPERATOR'S #: 66237

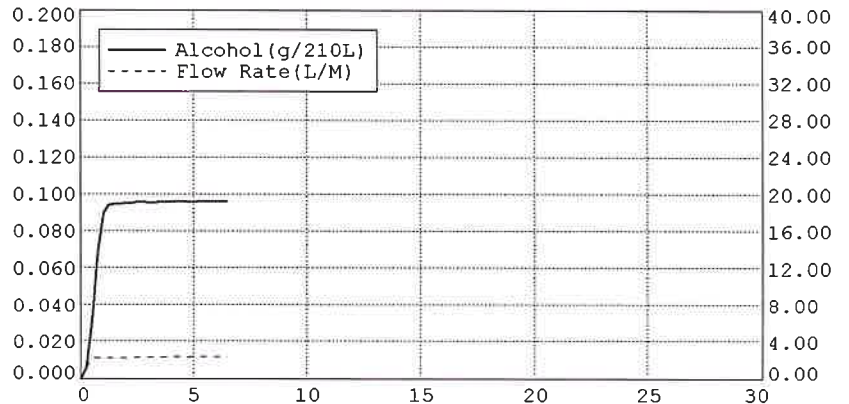
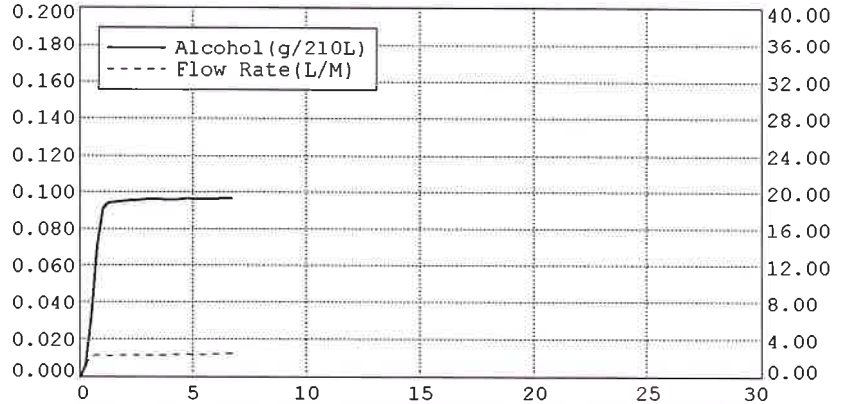
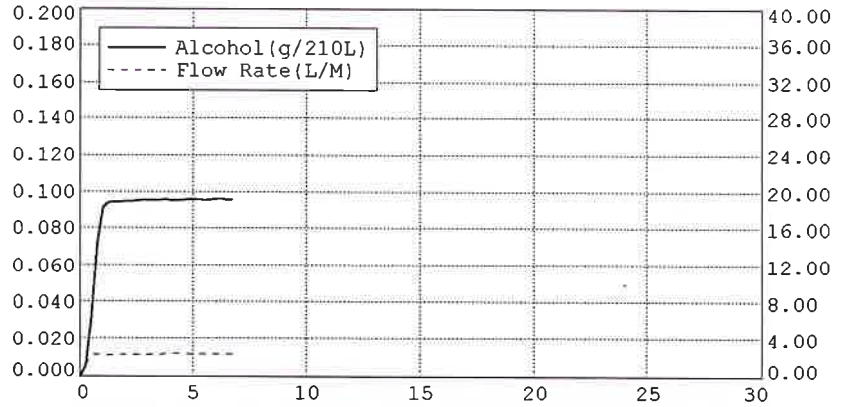
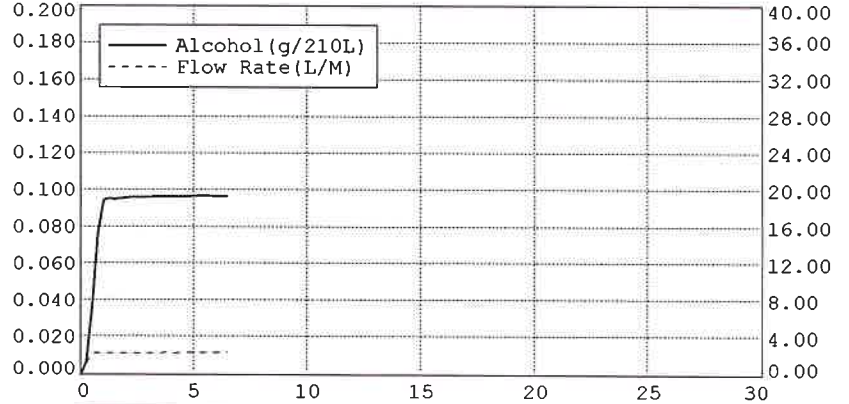
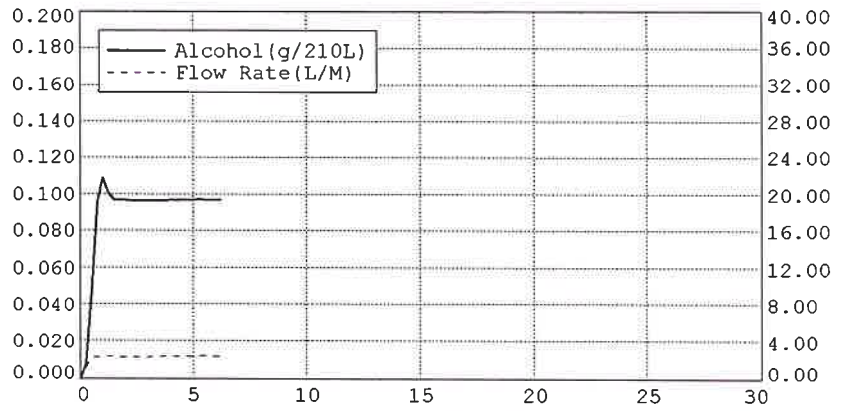
EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.100
 TARGET AT 28.88: 0.097
 TANK PRESSURE: 1183 psi

BLANK TEST	0.000	12:02
INTERNAL STANDARD	VERIFIED	12:02
EXTERNAL STANDARD	0.098	12:02
BLANK TEST	0.000	12:03
EXTERNAL STANDARD	0.098	12:03
BLANK TEST	0.000	12:04
EXTERNAL STANDARD	0.097	12:04
BLANK TEST	0.000	12:05
EXTERNAL STANDARD	0.098	12:05
BLANK TEST	0.000	12:06
EXTERNAL STANDARD	0.097	12:07
BLANK TEST	0.000	12:07

Average = 0.0976
 Std Dev = 0.0005

*Lot AG333401
 Exp 11/30/25
 Tank 013*

COB 12/13/23



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100375

Date: 12/13/2023
 Time: 12:15:03

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

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.100
 TARGET AT 28.87: 0.097
 TANK PRESSURE: 1209 psi

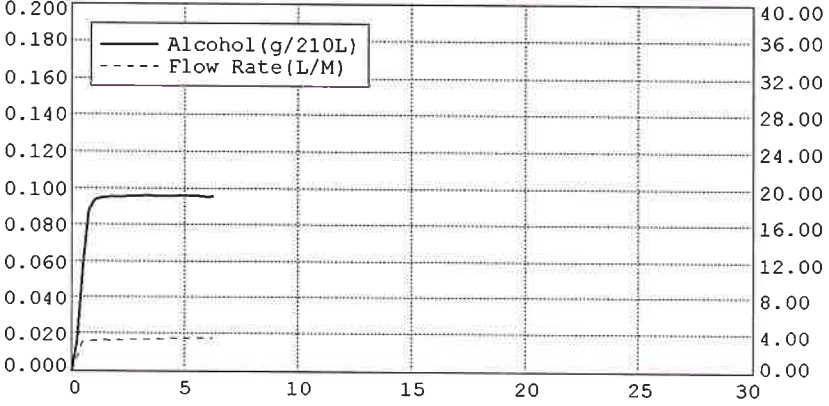
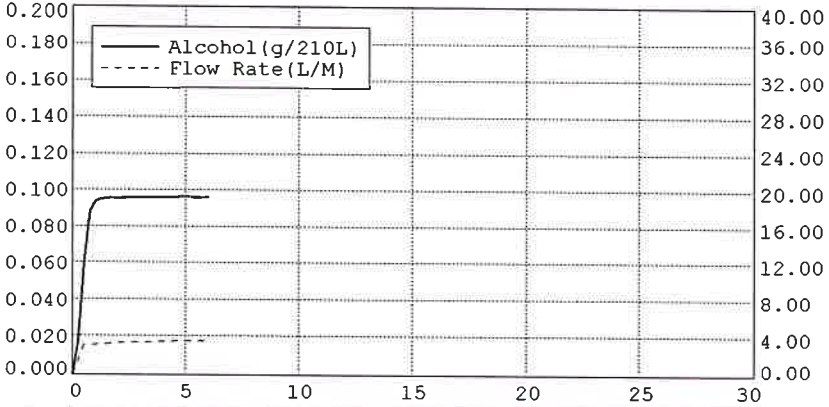
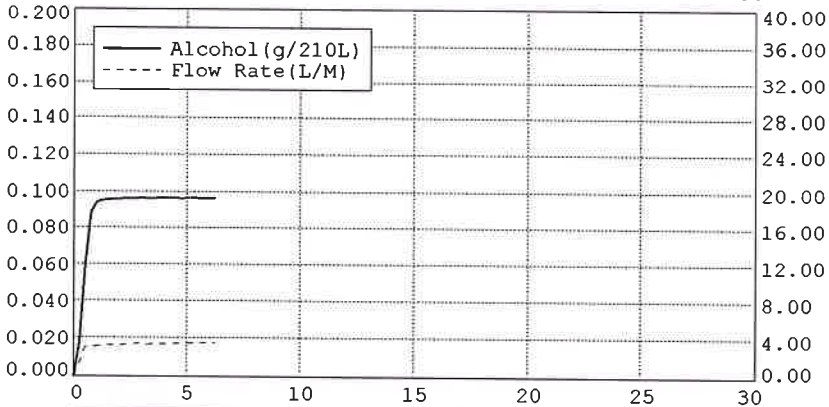
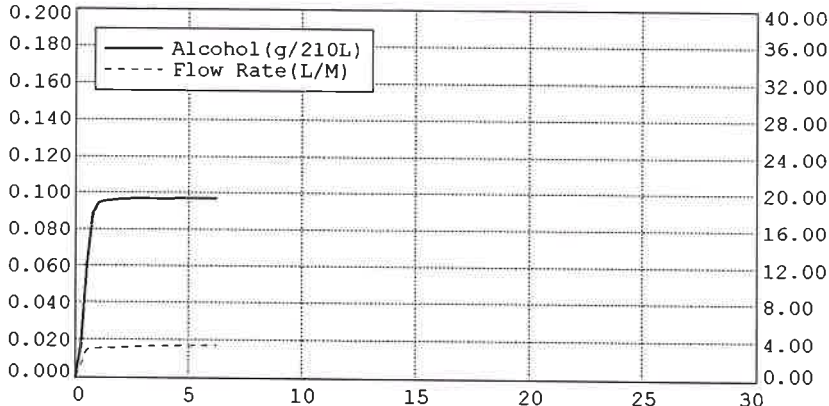
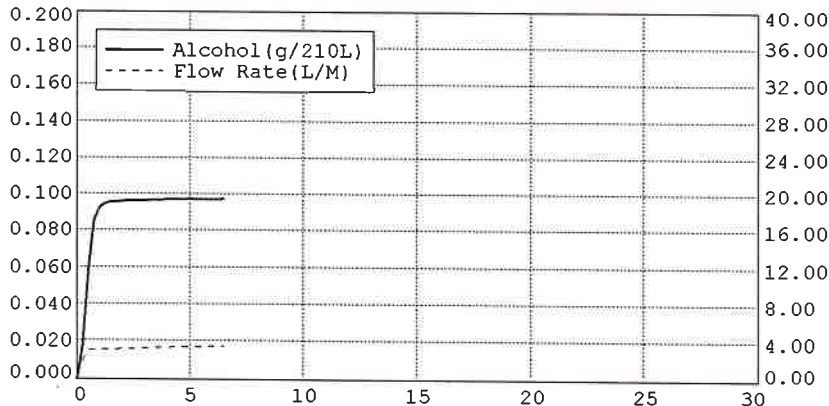
BLANK TEST	0.000	12:16
INTERNAL STANDARD	VERIFIED	12:16
EXTERNAL STANDARD	0.098	12:16
BLANK TEST	0.000	12:17
EXTERNAL STANDARD	0.098	12:17
BLANK TEST	0.000	12:18
EXTERNAL STANDARD	0.098	12:19
BLANK TEST	0.000	12:19
EXTERNAL STANDARD	0.097	12:20
BLANK TEST	0.000	12:21
EXTERNAL STANDARD	0.097	12:21
BLANK TEST	0.000	12:22

Average = 0.0976
 Std Dev = 0.0005

*Lot AG333401
 Exp 11/30/25
 Tank 014*

COB 12/13/23

Avy = 0.097



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 12/13/2023
Time: 12:04:29

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

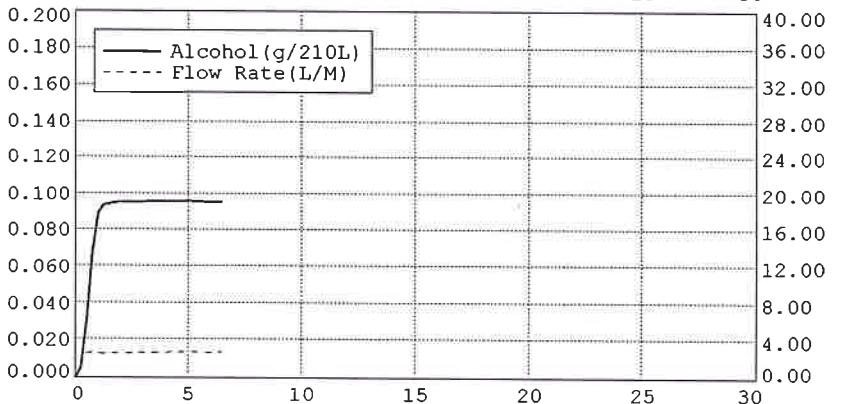
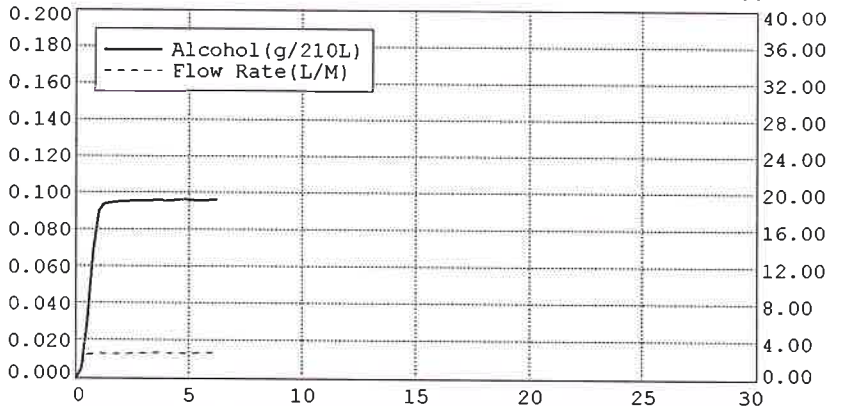
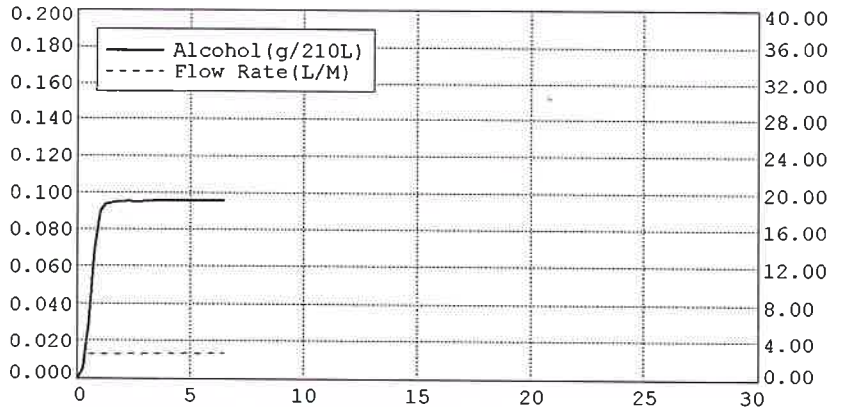
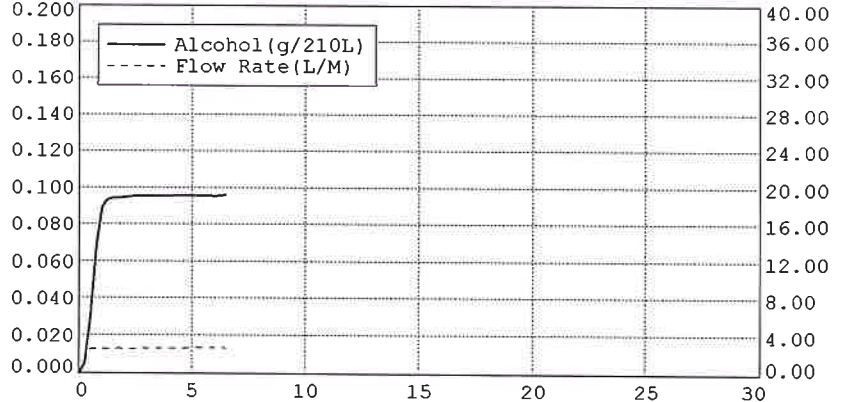
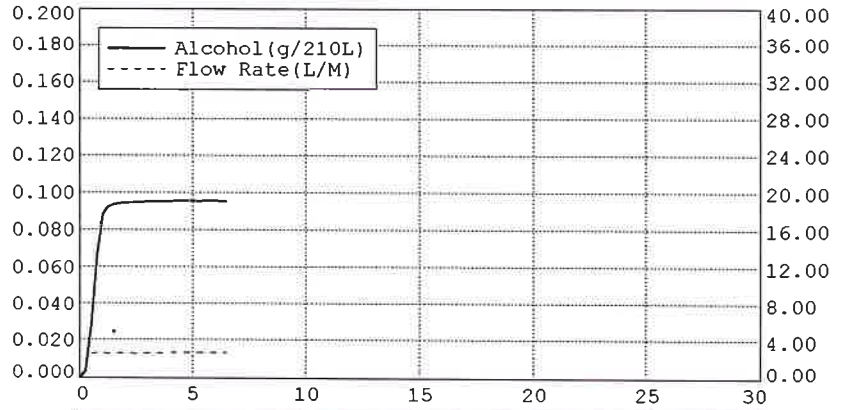
EXTERNAL STANDARD INFORMATION
NOMINAL: 0.100
TARGET AT 28.91: 0.097
TANK PRESSURE: 1178 psi

BLANK TEST	0.000	12:05
INTERNAL STANDARD	VERIFIED	12:05
EXTERNAL STANDARD	0.096	12:05
BLANK TEST	0.000	12:06
EXTERNAL STANDARD	0.097	12:06
BLANK TEST	0.000	12:07
EXTERNAL STANDARD	0.097	12:08
BLANK TEST	0.000	12:08
EXTERNAL STANDARD	0.097	12:09
BLANK TEST	0.000	12:10
EXTERNAL STANDARD	0.097	12:10
BLANK TEST	0.000	12:11

Average = 0.0968
Std Dev = 0.0004

Lot AG333401
Exp 11/30/25
Tank 014

COB 12/13/23



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100399

Date: 12/13/2023
 Time: 12:11:20

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

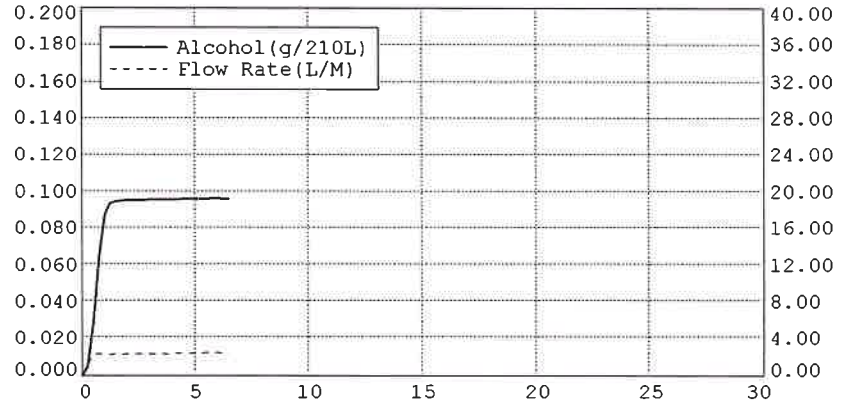
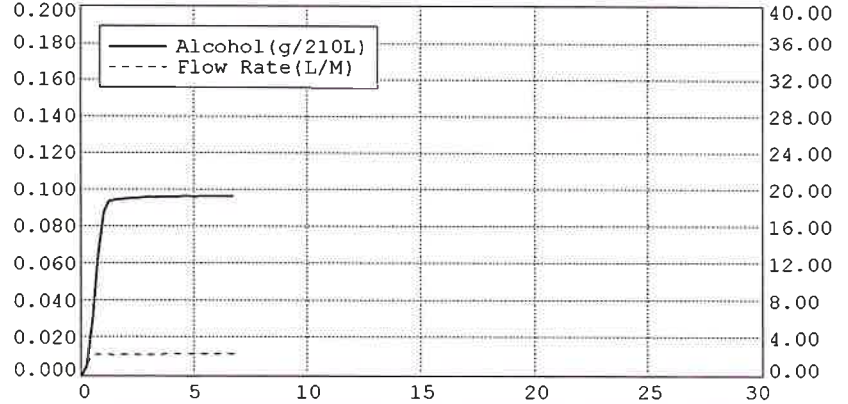
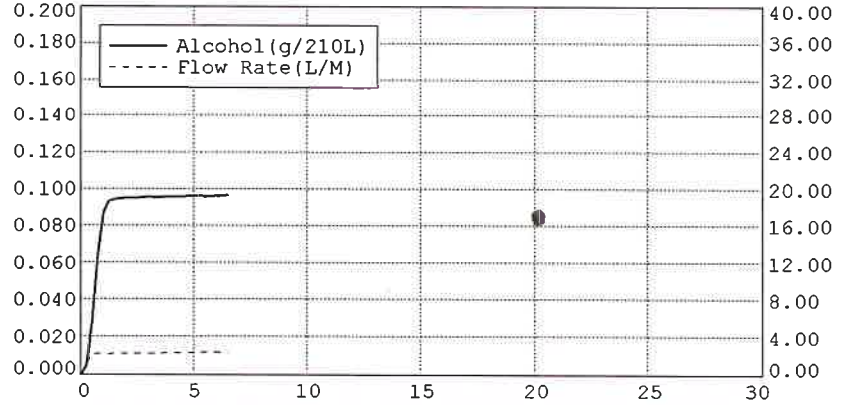
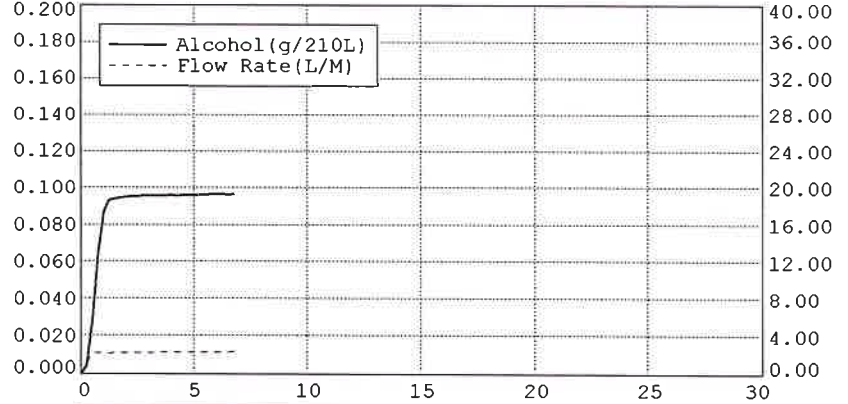
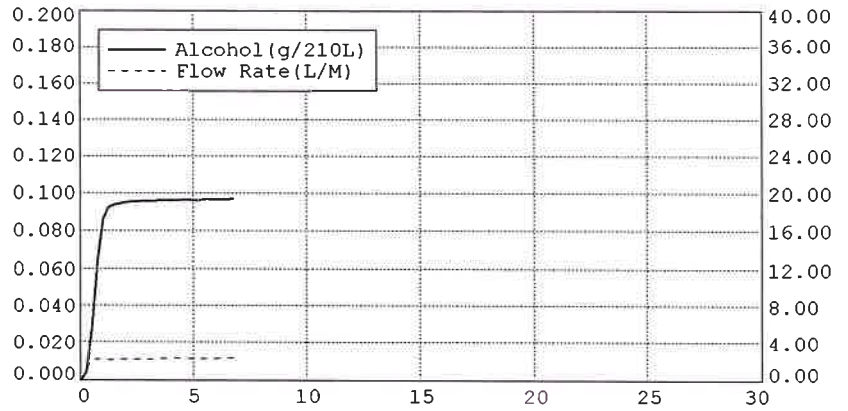
EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.100
 TARGET AT 28.88: 0.097
 TANK PRESSURE: 1169 psi

BLANK TEST	0.000	12:12
INTERNAL STANDARD	VERIFIED	12:12
EXTERNAL STANDARD	0.098	12:13
BLANK TEST	0.000	12:13
EXTERNAL STANDARD	0.097	12:14
BLANK TEST	0.000	12:15
EXTERNAL STANDARD	0.097	12:15
BLANK TEST	0.000	12:16
EXTERNAL STANDARD	0.097	12:16
BLANK TEST	0.000	12:17
EXTERNAL STANDARD	0.097	12:17
BLANK TEST	0.000	12:18

Average = 0.0972
 Std Dev = 0.0004

*Lot AG333401
 Exp 11/30/25
 Tank 014*

COB 12/13/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100375

Date: 12/13/2023
Time: 12:23:50

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

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.100
TARGET AT 28.88: 0.097
TANK PRESSURE: 1209 psi

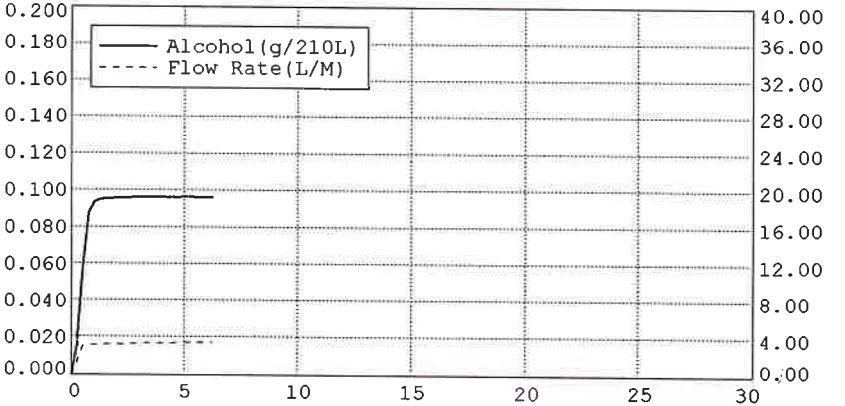
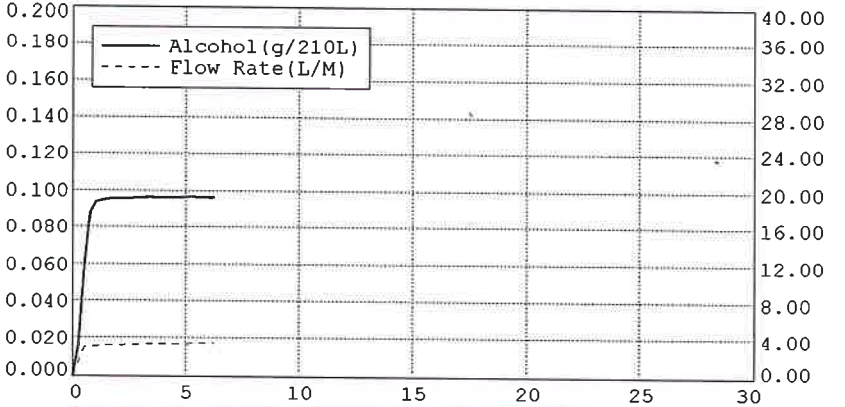
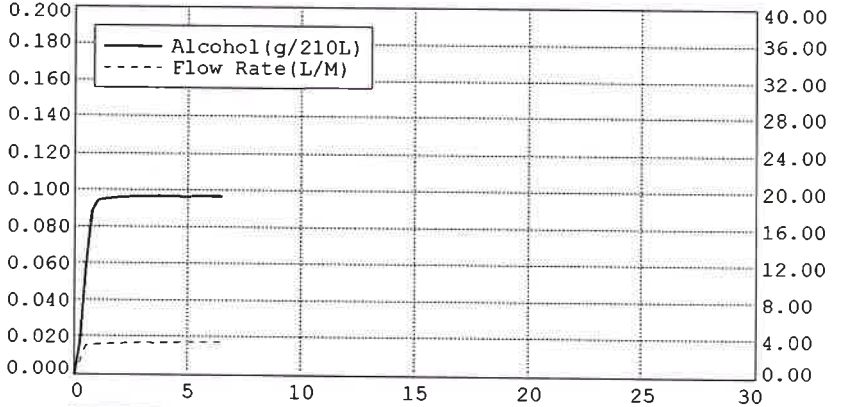
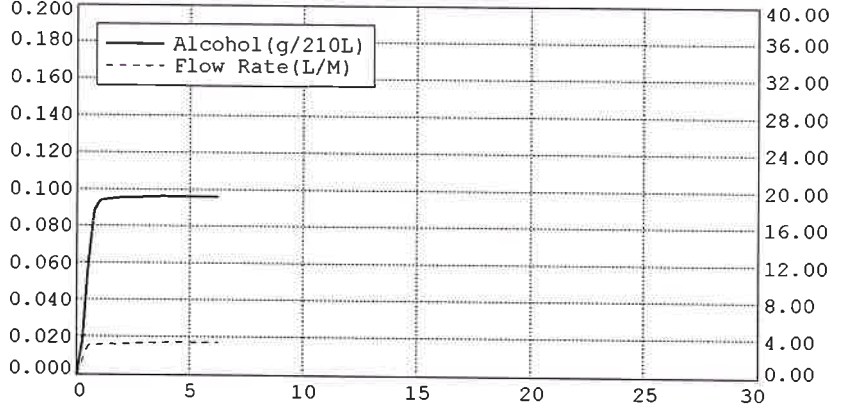
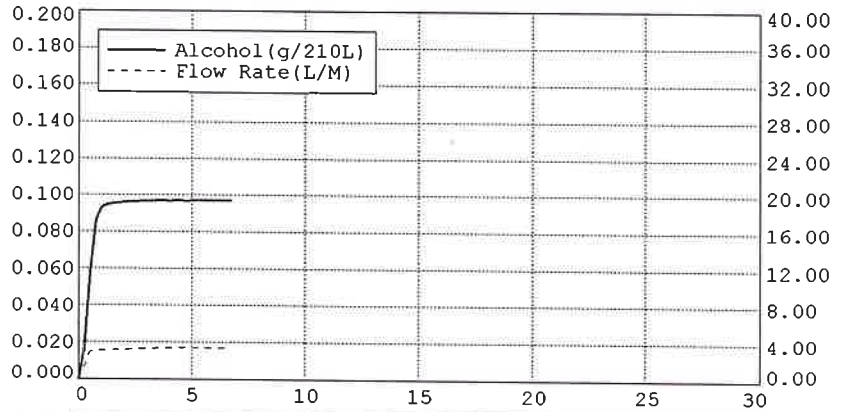
BLANK TEST	0.000	12:24
INTERNAL STANDARD	VERIFIED	12:25
EXTERNAL STANDARD	0.098	12:25
BLANK TEST	0.000	12:26
EXTERNAL STANDARD	0.097	12:26
BLANK TEST	0.000	12:27
EXTERNAL STANDARD	0.097	12:27
BLANK TEST	0.000	12:28
EXTERNAL STANDARD	0.098	12:28
BLANK TEST	0.000	12:29
EXTERNAL STANDARD	0.097	12:29
BLANK TEST	0.000	12:30

Average = 0.0974
Std Dev = 0.0005

Lot AG333401
Exp 11/30/25
Tank 015

COB 12/13/25

Avg = 0.097



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100397

Date: 12/13/2023
 Time: 12:14:33

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

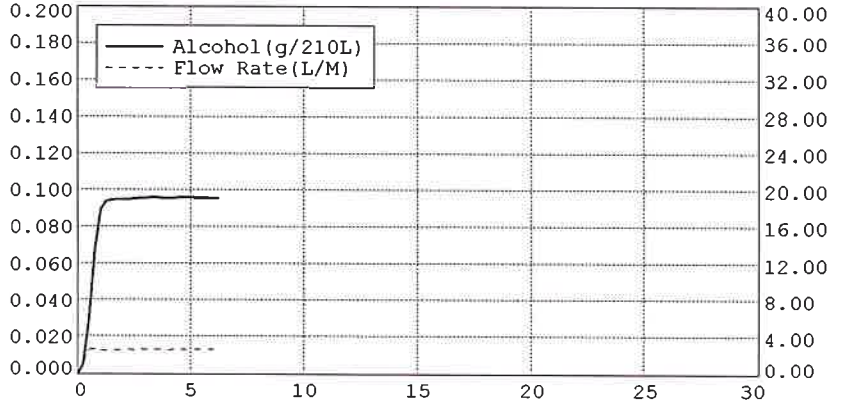
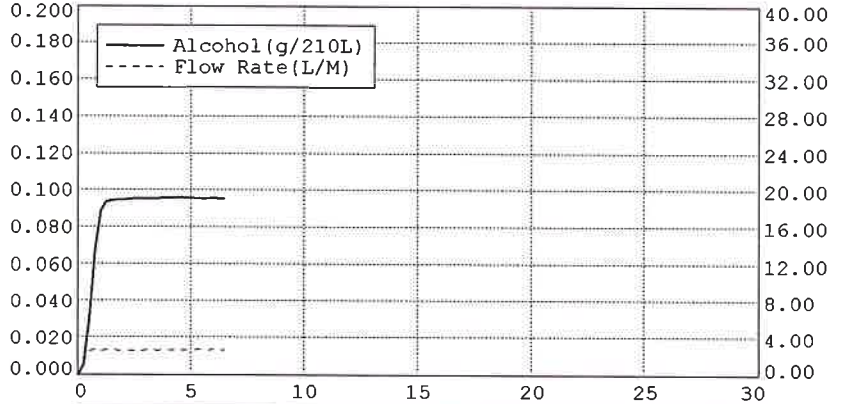
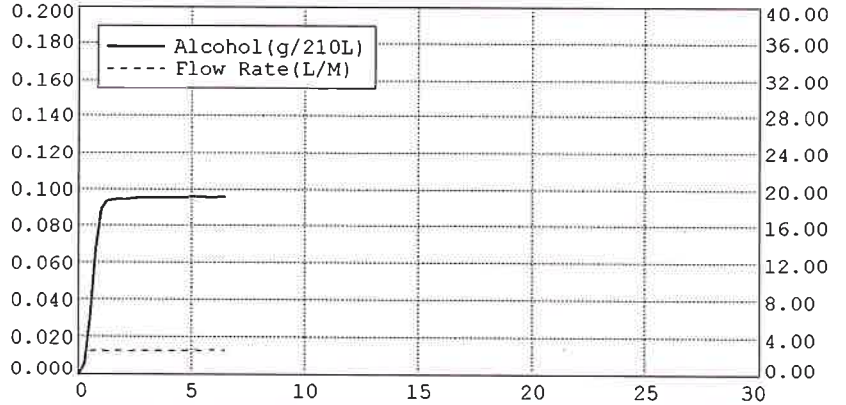
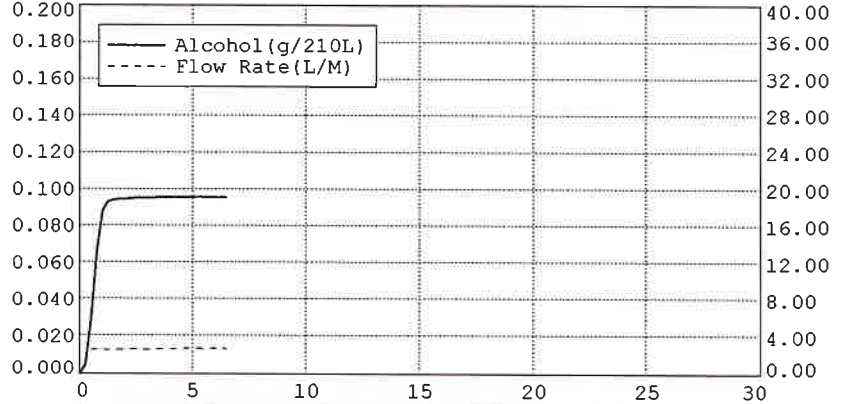
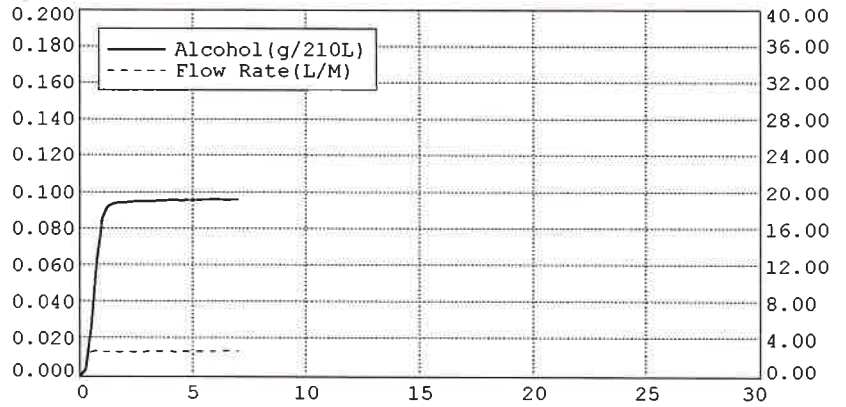
EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.100
 TARGET AT 28.91: 0.097
 TANK PRESSURE: 1179 psi

BLANK TEST	0.000	12:15
INTERNAL STANDARD	VERIFIED	12:15
EXTERNAL STANDARD	0.097	12:16
BLANK TEST	0.000	12:16
EXTERNAL STANDARD	0.097	12:17
BLANK TEST	0.000	12:18
EXTERNAL STANDARD	0.097	12:18
BLANK TEST	0.000	12:19
EXTERNAL STANDARD	0.096	12:19
BLANK TEST	0.000	12:20
EXTERNAL STANDARD	0.097	12:20
BLANK TEST	0.000	12:21

Average = 0.0968
 Std Dev = 0.0004

*Lot AG333401
 Exp 11/30/25
 Tank 015*

COB 12/13/23



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100399

Date: 12/13/2023
 Time: 12:20:57

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

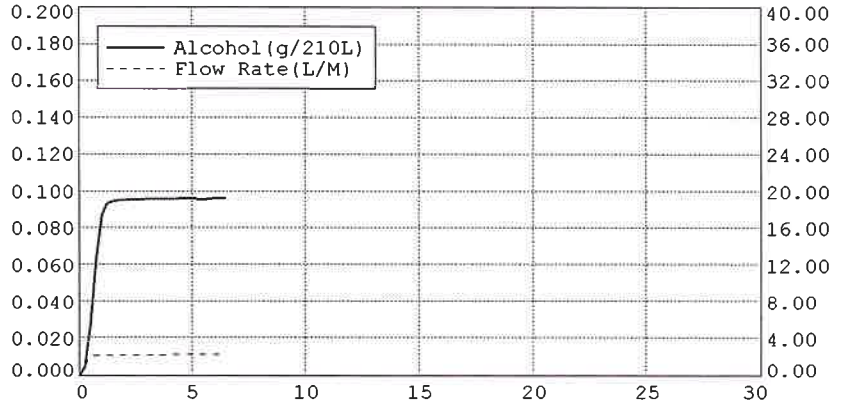
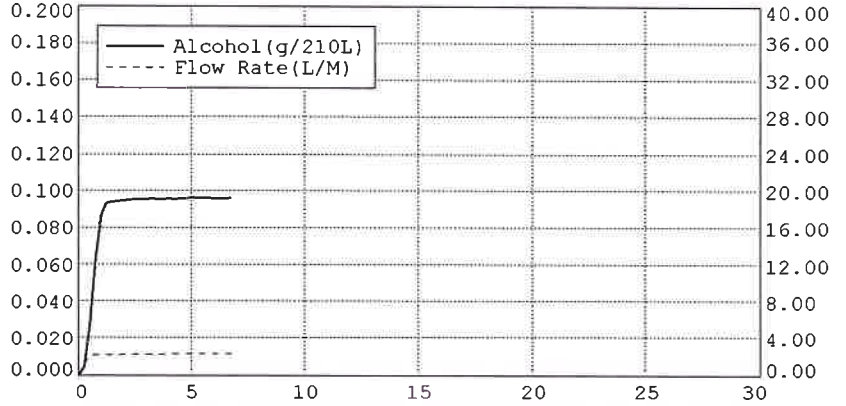
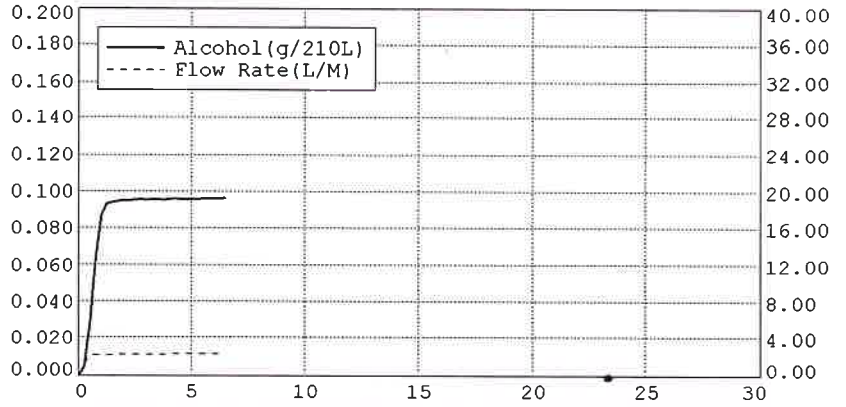
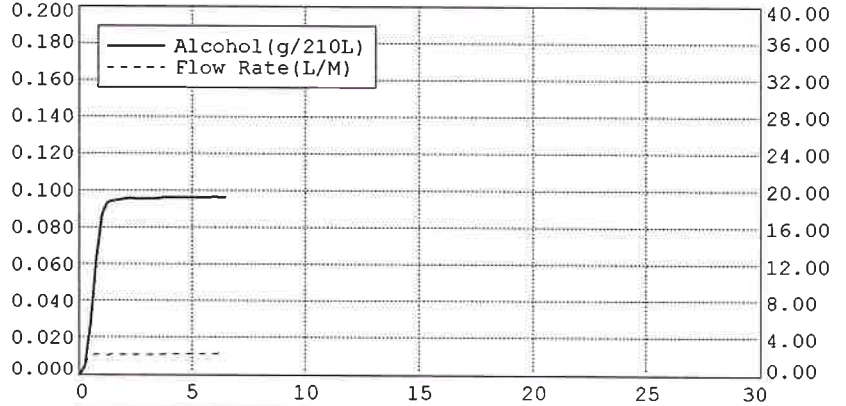
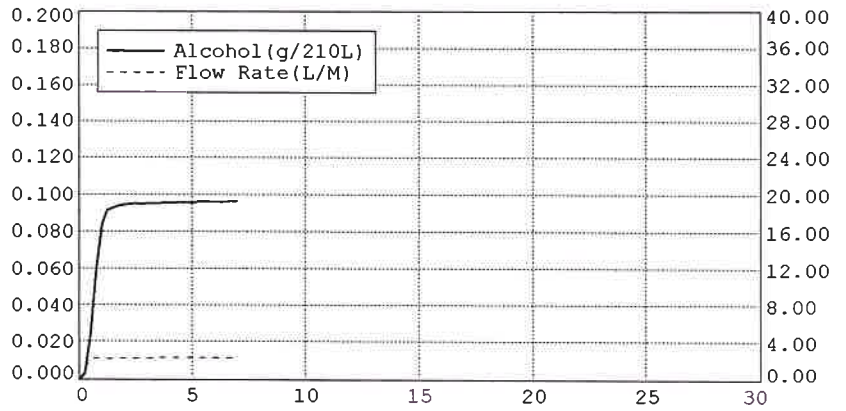
EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.100
 TARGET AT 28.89: 0.097
 TANK PRESSURE: 1169 psi

BLANK TEST	0.000	12:22
INTERNAL STANDARD	VERIFIED	12:22
EXTERNAL STANDARD	0.097	12:22
BLANK TEST	0.000	12:23
EXTERNAL STANDARD	0.097	12:23
BLANK TEST	0.000	12:24
EXTERNAL STANDARD	0.097	12:24
BLANK TEST	0.000	12:25
EXTERNAL STANDARD	0.097	12:25
BLANK TEST	0.000	12:26
EXTERNAL STANDARD	0.097	12:26
BLANK TEST	0.000	12:27

Average = 0.0970
 Std Dev = 0.0000

*Lot AG333401
 Exp 11/30/25
 Tank 015*

COB 12/13/23



DIAGNOSTIC RECORD

In House QA
100375, 100397, 100399

Completed on 2023.12.13 by COB

Alaska Department of Public Safety
DATAMASTER dmt: 100375

Date: 12/13/2023
Time: 11:19:54

VERSIONS
DMT: 3.02
PIC: 3.02
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.8°C PASSED
(44.0°C - 52.0°C)
Breath Tube = 48.1°C PASSED
(38.0°C - 50.0°C)

SETTINGS

Lamp Voltage = 1.57 V PASSED
(0.92 V - 2.16 V)
Cooler Voltage = 1.57 V PASSED
(0.92 V - 2.16 V)
Bias Voltage = 79 V PASSED
(47 V - 111 V)
Chopper Freq = 540 Hz PASSED
(475 Hz - 575 Hz)
Barometer = 28.9 in

PUMP INFO

Flow Rate = 3.835 L/M PASSED
(3.500 L/M - 6.500 L/M)

DETECTOR INFO

PUMP ON PASSED
(0.002 V <= 0.010 V)
PUMP OFF PASSED
(0.002 V <= 0.010 V)

FILTER INFO

Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD

Xq = 0.092 0.29% (0.00% - 4.00%) PASSED

Technician Screen

DATAMASTER dmt: 100375

Date: 12/13/2023
Time: 11:26 AM

Temperatures (°C)

Sample Cell: 48.7°C
Breath Tube: 48.1°C

Current Barometer 28.9 in
Volume (Ltr) 0.00

Settings

Lamp: 1.54 V
Bias: 80 V
Cooler: 1.57 V
Chopper: 539 Hz

Voltages (V)

Flow: 1.05 V
Detector: -0.010 V

LINEARITY CHECK

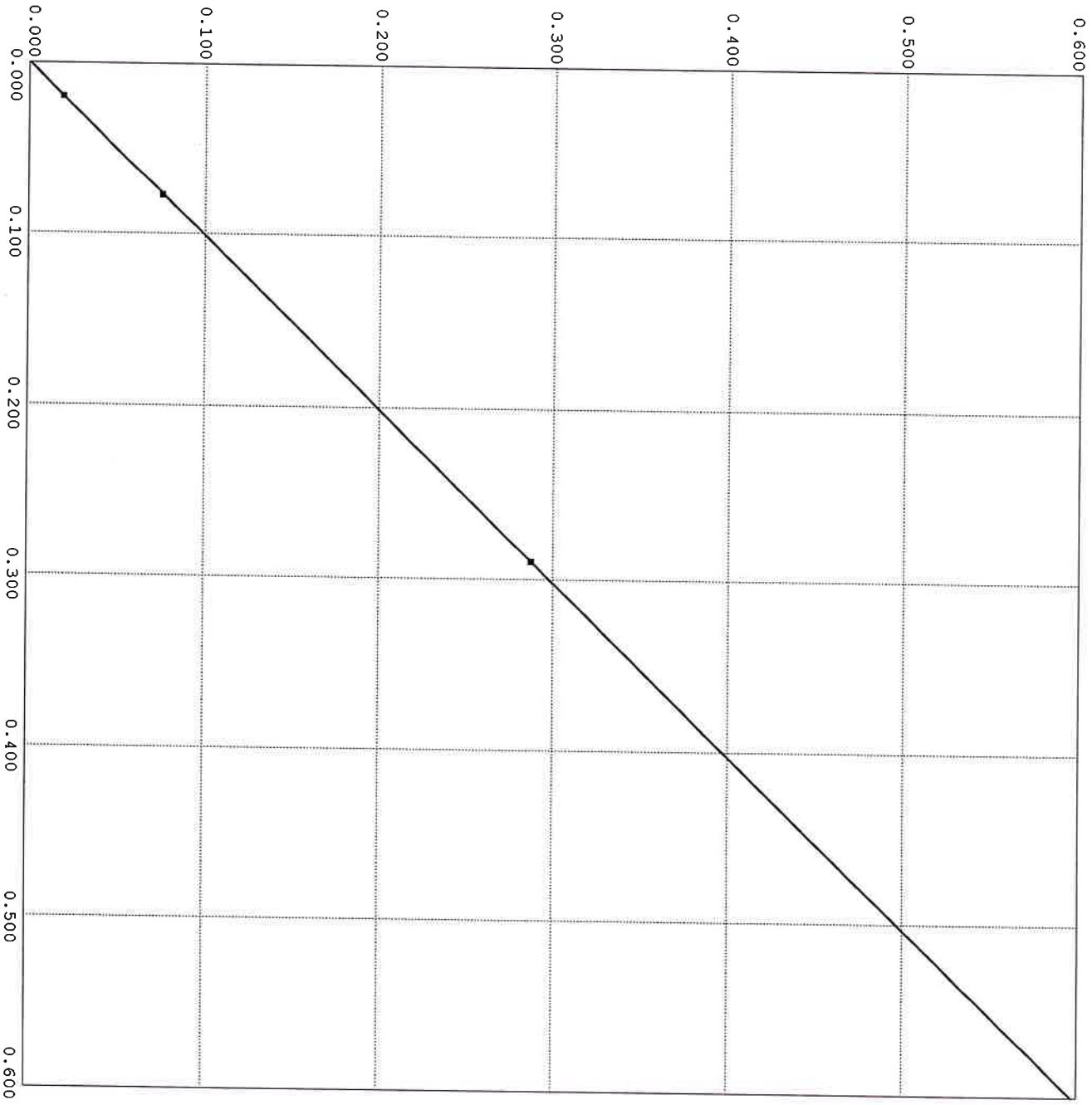
Alaska Department of Public Safety
DATAMASTER dmt : 100375

Date: 12/13/2023
Time: 11:31:03

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

TARGET	AVERAGE	STD. DEV.
0.019	0.0200	0.0000
0.077	0.0768	0.0004
0.289	0.2882	0.0004

SLOPE = 0.994367
R² = 0.999990



CVB

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100375

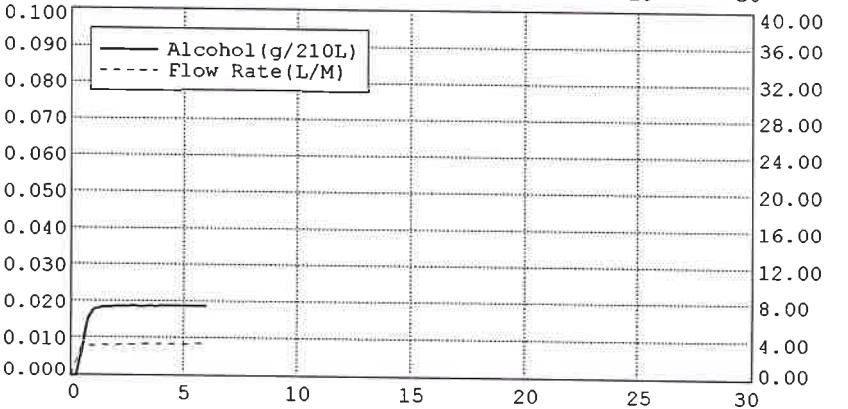
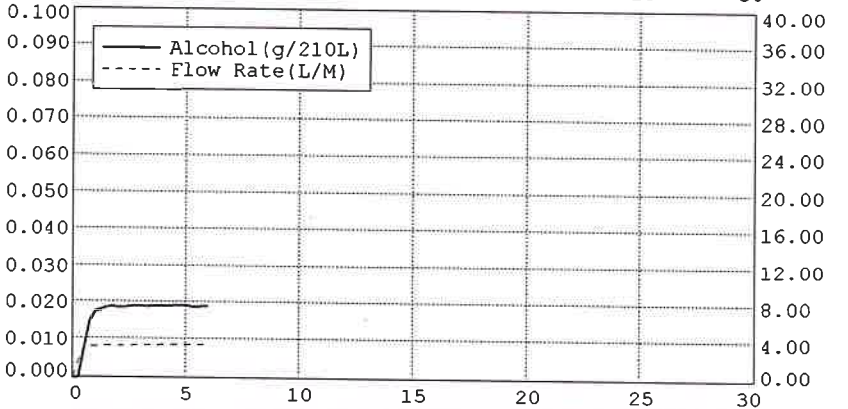
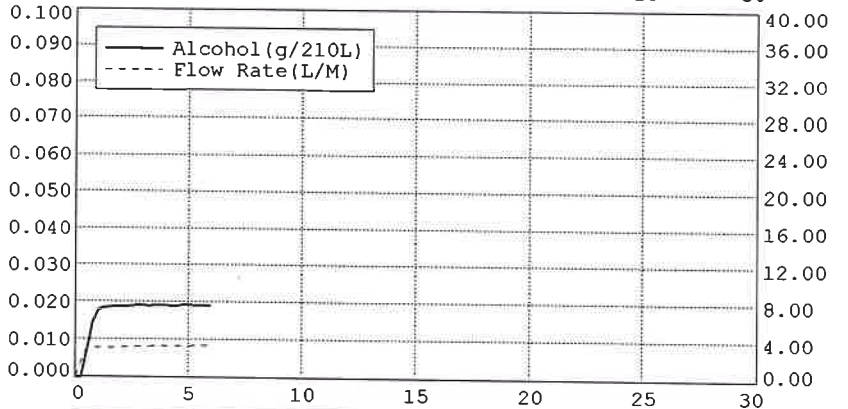
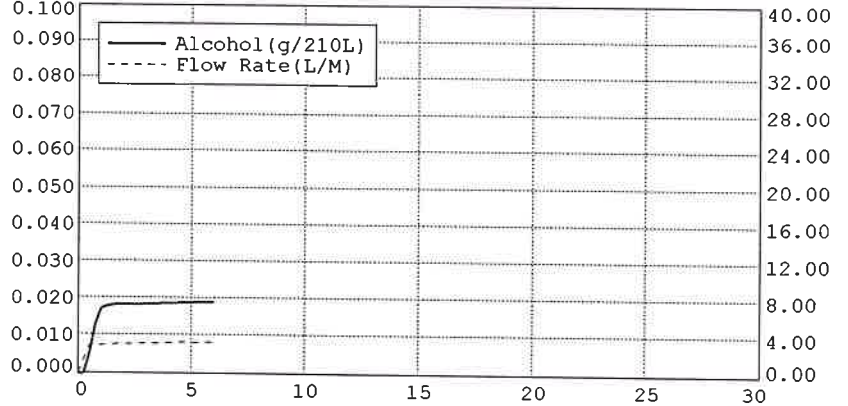
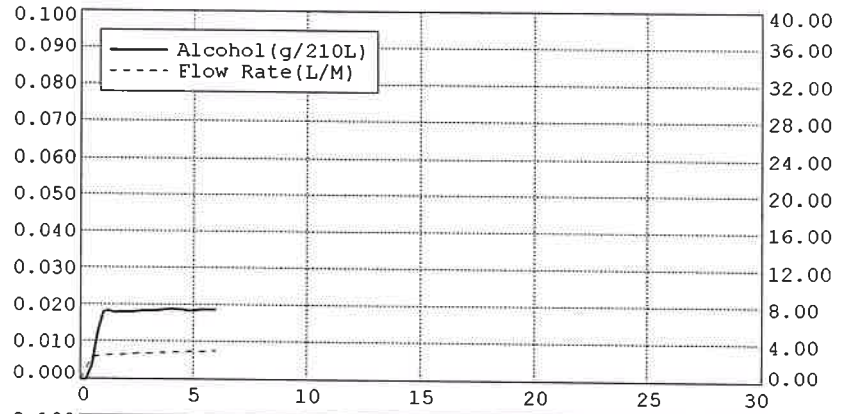
Date: 12/13/2023
Time: 11:31:05

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
TARGET AT 28.86: 0.019
LOT #: AG217902
EXPIRATION: 06/28/2024
TANK PRESSURE: 668 psi

BLANK TEST	0.000	11:32
INTERNAL STANDARD	VERIFIED	11:32
EXTERNAL STANDARD	0.020	11:32
BLANK TEST	0.000	11:33
EXTERNAL STANDARD	0.020	11:33
BLANK TEST	0.000	11:34
EXTERNAL STANDARD	0.020	11:34
BLANK TEST	0.000	11:35
EXTERNAL STANDARD	0.020	11:35
BLANK TEST	0.000	11:36
EXTERNAL STANDARD	0.020	11:37
BLANK TEST	0.000	11:37

Average = 0.0200
Std Dev = 0.0000



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety
DATAMASTER dmt: 100375

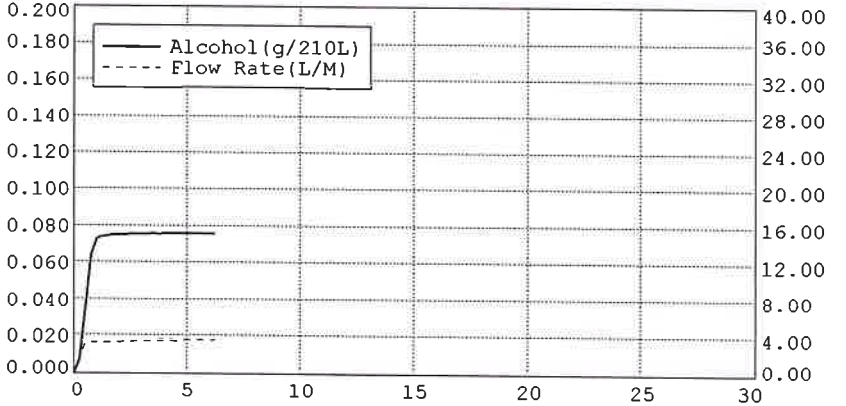
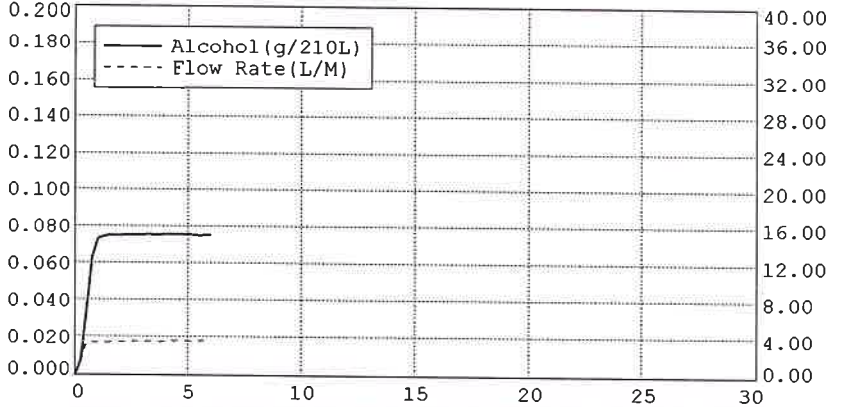
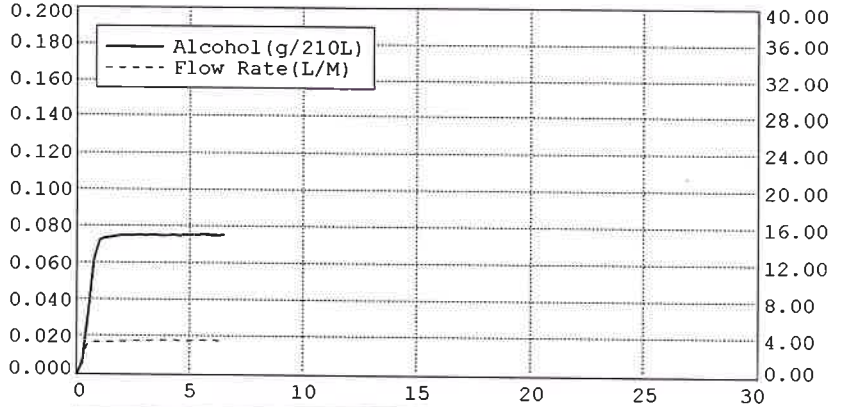
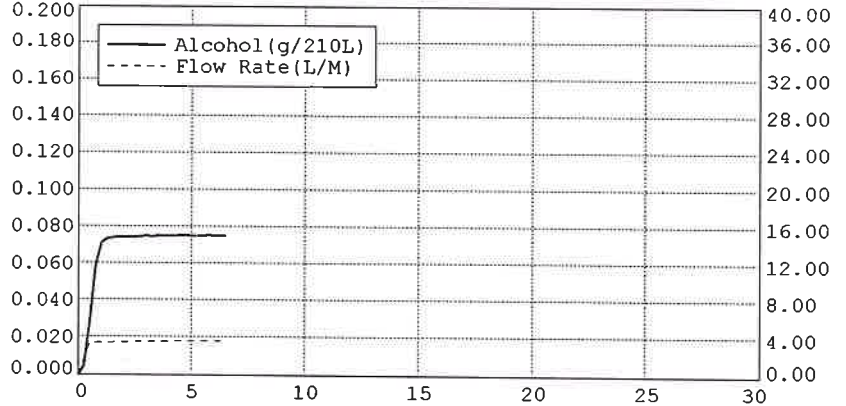
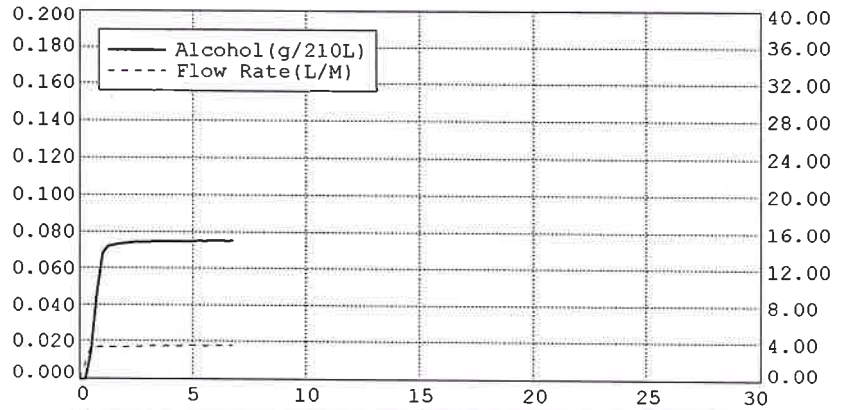
Date: 12/13/2023
Time: 11:40:34

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 28.86: 0.077
LOT #: AG135004
EXPIRATION: 12/16/2023
TANK PRESSURE: 854 psi

BLANK TEST	0.000	11:41
INTERNAL STANDARD	VERIFIED	11:41
EXTERNAL STANDARD	0.077	11:42
BLANK TEST	0.000	11:42
EXTERNAL STANDARD	0.076	11:43
BLANK TEST	0.000	11:44
EXTERNAL STANDARD	0.077	11:44
BLANK TEST	0.000	11:45
EXTERNAL STANDARD	0.077	11:45
BLANK TEST	0.000	11:46
EXTERNAL STANDARD	0.077	11:46
BLANK TEST	0.000	11:47

Average = 0.0768
Std Dev = 0.0004



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety
 DATAMASTER dmt: 100375

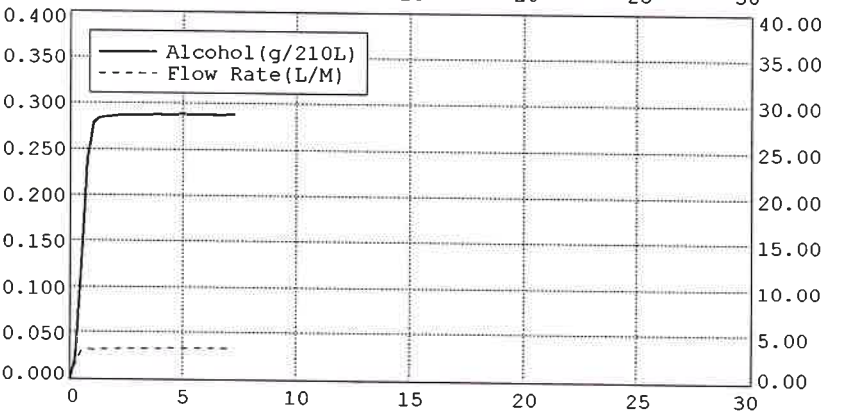
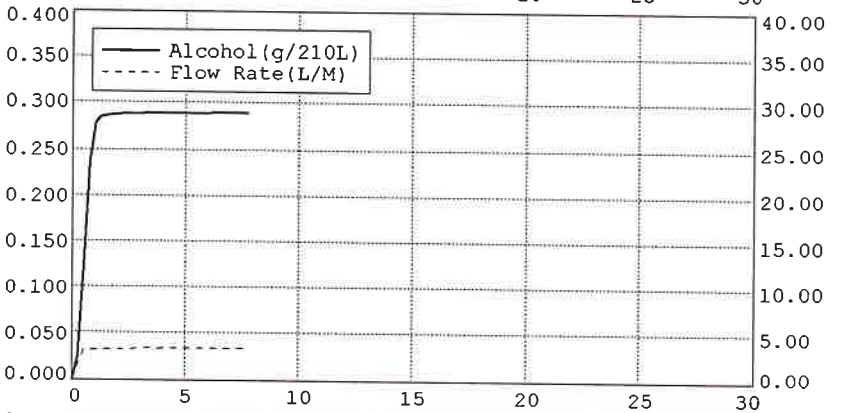
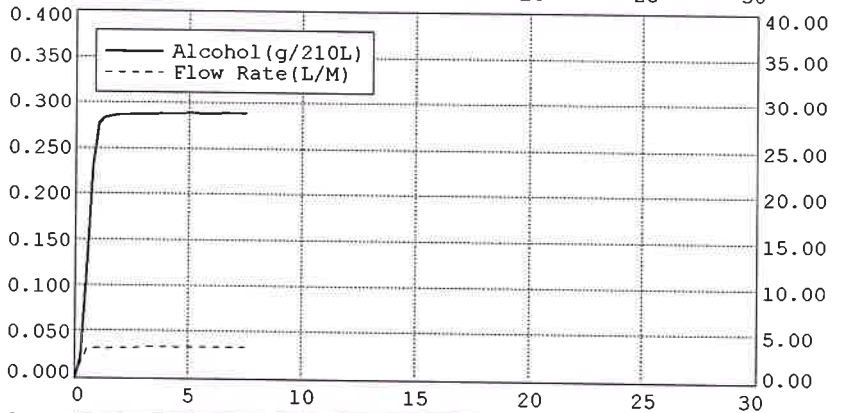
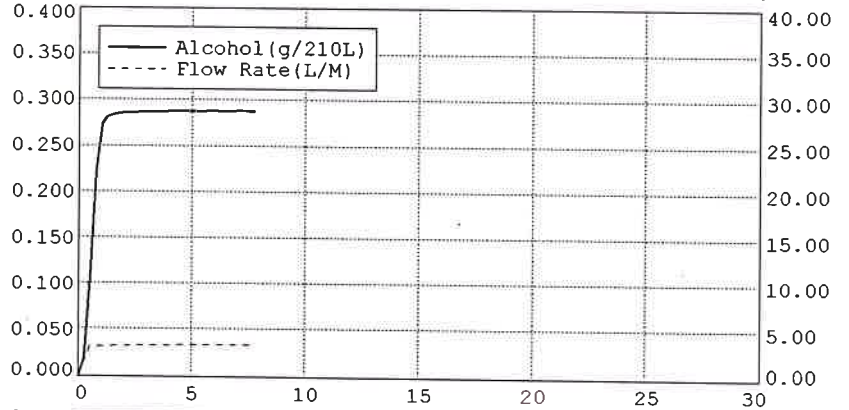
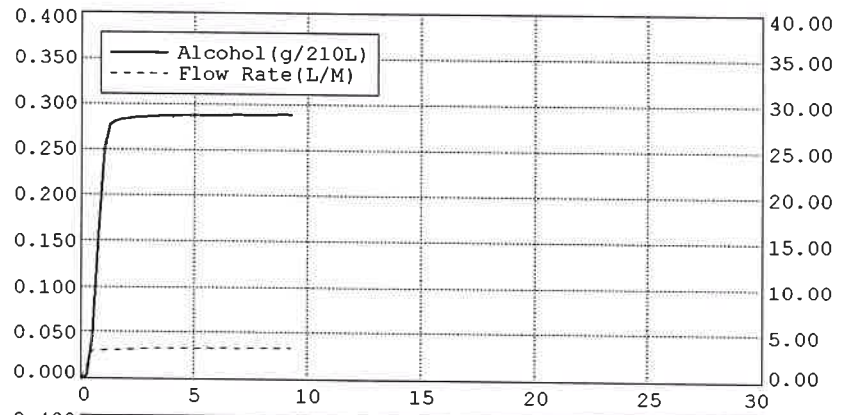
Date: 12/13/2023
 Time: 11:49:58

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.300
 TARGET AT 28.86: 0.289
 LOT #: AG327804
 EXPIRATION: 10/05/2025
 TANK PRESSURE: 502 psi

BLANK TEST	0.000	11:51
INTERNAL STANDARD	VERIFIED	11:51
EXTERNAL STANDARD	0.288	11:51
BLANK TEST	0.000	11:52
EXTERNAL STANDARD	0.288	11:52
BLANK TEST	0.000	11:53
EXTERNAL STANDARD	0.288	11:53
BLANK TEST	0.000	11:54
EXTERNAL STANDARD	0.289	11:54
BLANK TEST	0.000	11:55
EXTERNAL STANDARD	0.288	11:55
BLANK TEST	0.000	11:56

Average = 0.2882
 Std Dev = 0.0004



DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 12/13/2023
Time: 11:01:05

VERSIONS

DMT: 3.02
PIC: 3.02
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.8°C PASSED
(44.0°C - 52.0°C)
Breath Tube = 48.1°C PASSED
(38.0°C - 50.0°C)

SETTINGS

Lamp Voltage = 1.80 V PASSED
(1.01 V - 2.37 V)
Cooler Voltage = 1.61 V PASSED
(1.04 V - 2.44 V)
Bias Voltage = 81 V PASSED
(49 V - 113 V)
Chopper Freq = 529 Hz PASSED
(475 Hz - 575 Hz)
Barometer = 28.9 in

PUMP INFO

Flow Rate = 4.050 L/M PASSED
(3.500 L/M - 6.500 L/M)

DETECTOR INFO

PUMP ON PASSED
(0.002 V <= 0.010 V)
PUMP OFF PASSED
(0.002 V <= 0.010 V)

FILTER INFO

Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD

Xq = 0.093 1.02% (0.00% - 4.00%) PASSED

Technician Screen

DATAMASTER dmt: 100397

Date: 12/13/2023
Time: 11:07 AM

Temperatures (°C)

Sample Cell: 48.7°C
Breath Tube: 48.1°C

Current Barometer 28.9 in
Volume (Ltr) 0.00

Settings

Lamp: 1.80 V
Bias: 81 V
Cooler: 1.61 V
Chopper: 527 Hz

Voltages (V)

Flow: 1.05 V
Detector: -0.048 V

LINEARITY CHECK

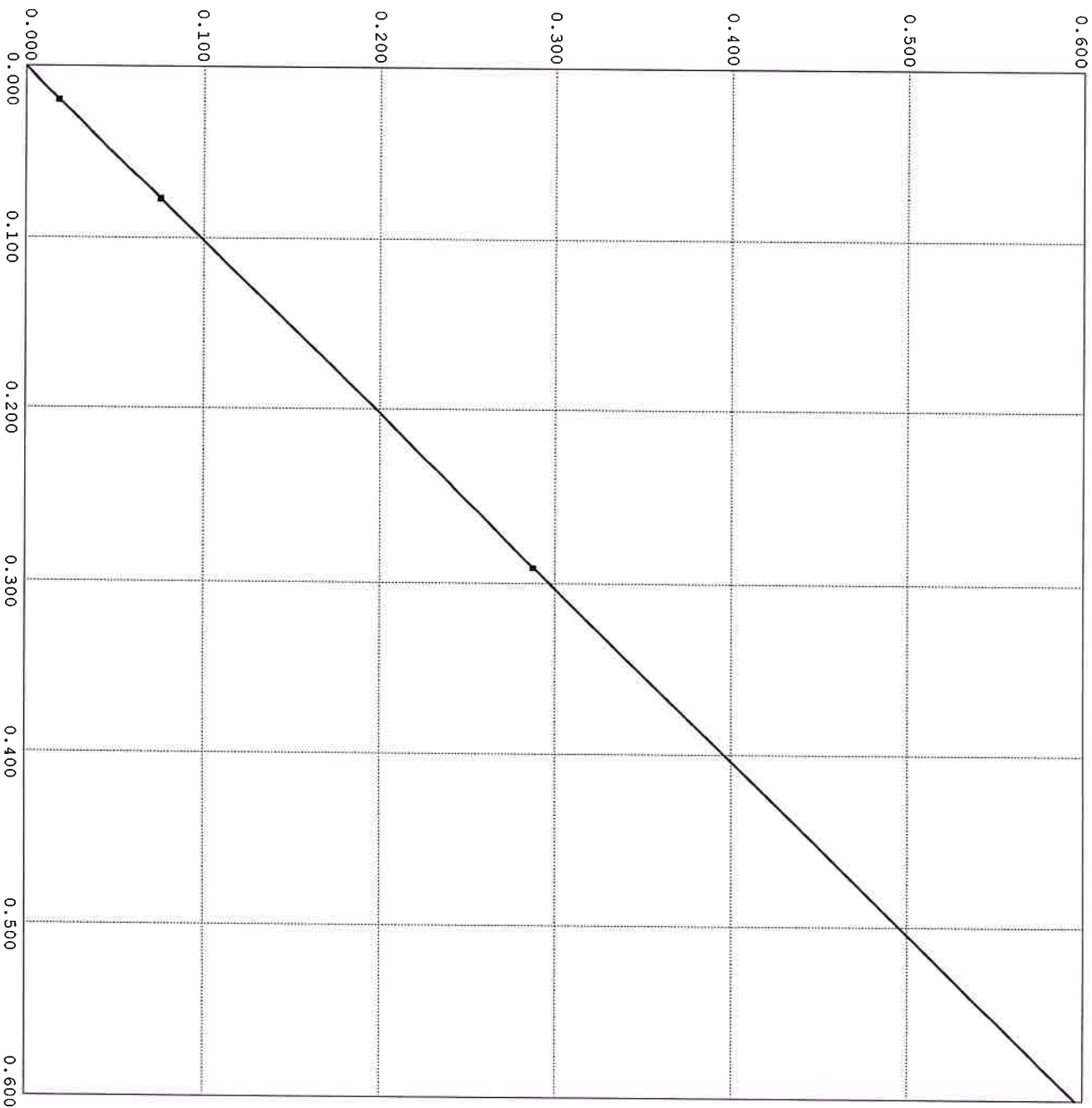
Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 12/13/2023
Time: 11:13:20

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

TARGET	AVERAGE	STD. DEV.
0.019	0.0190	0.0000
0.077	0.0766	0.0005
0.290	0.2882	0.0004

SLOPE = 0.993377
R² = 1.000000



CDB

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100397

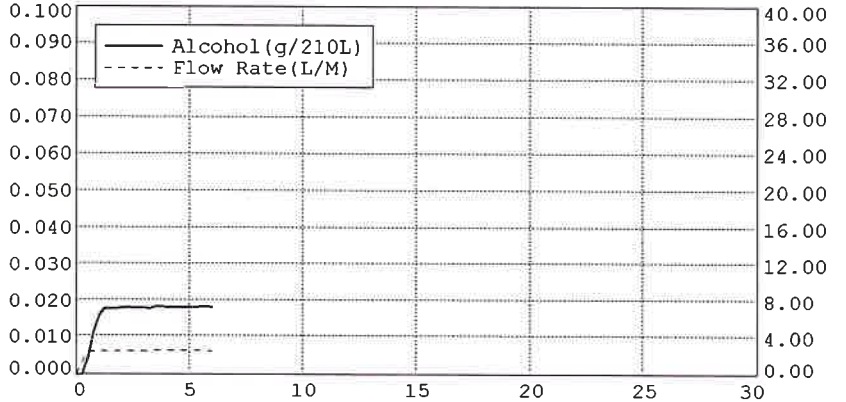
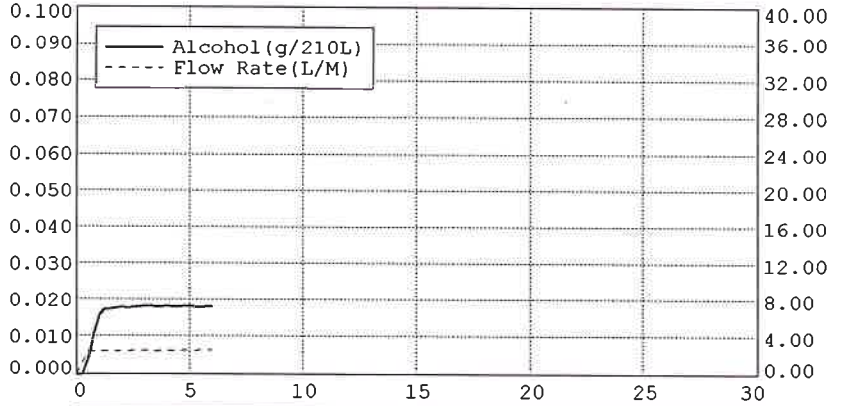
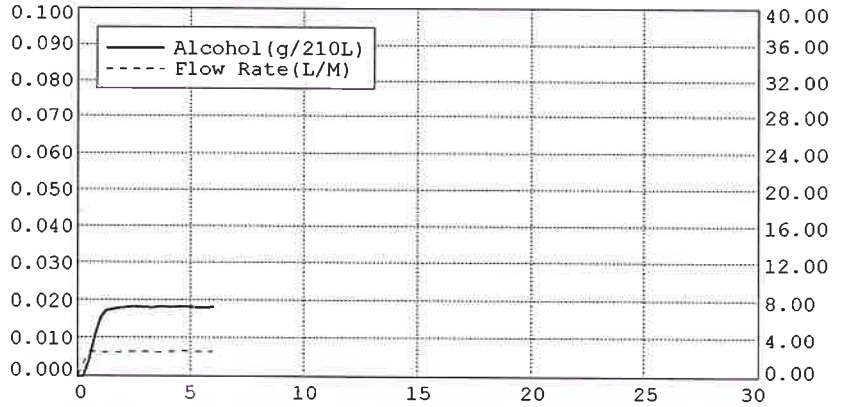
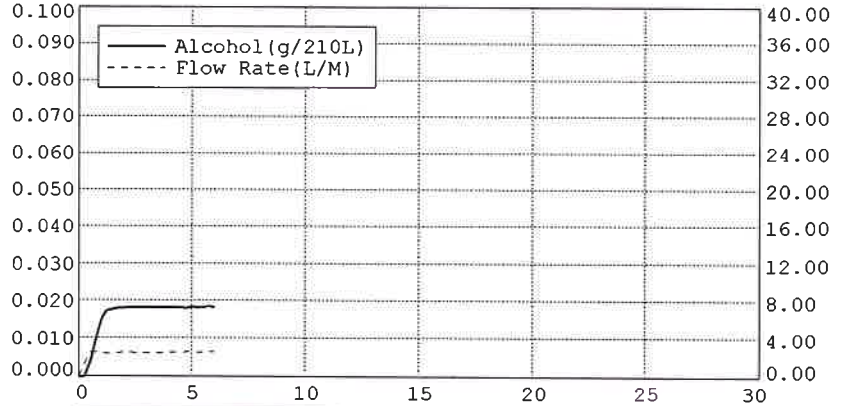
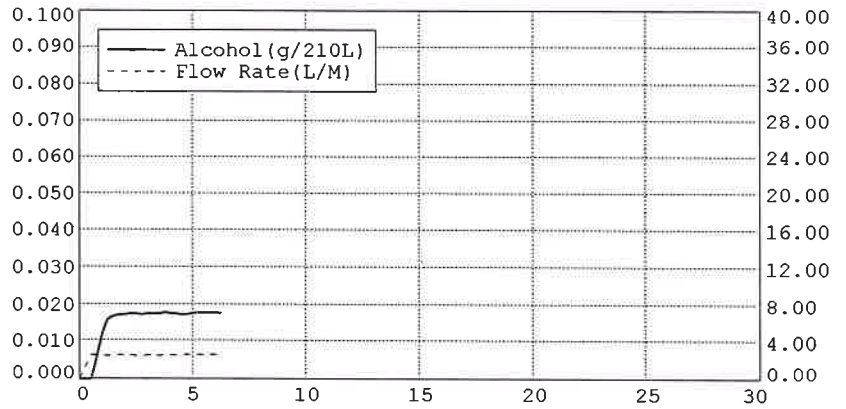
Date: 12/13/2023
Time: 11:13:22

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
TARGET AT 28.88: 0.019
LOT #: AG217902
EXPIRATION: 06/28/2024
TANK PRESSURE: 638 psi

BLANK TEST	0.000	11:22
INTERNAL STANDARD	VERIFIED	11:23
EXTERNAL STANDARD	0.019	11:23
BLANK TEST	0.000	11:24
EXTERNAL STANDARD	0.019	11:24
BLANK TEST	0.000	11:25
EXTERNAL STANDARD	0.019	11:25
BLANK TEST	0.000	11:26
EXTERNAL STANDARD	0.019	11:26
BLANK TEST	0.000	11:27
EXTERNAL STANDARD	0.019	11:27
BLANK TEST	0.000	11:28

Average = 0.0190
Std Dev = 0.0000



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety
DATAMASTER dmt: 100397

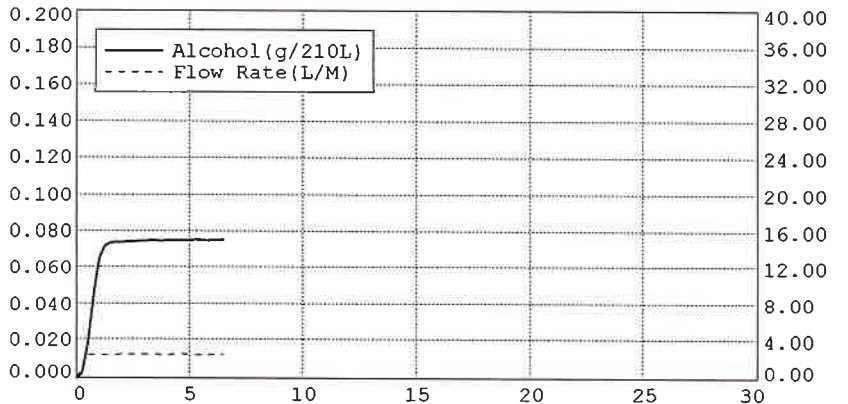
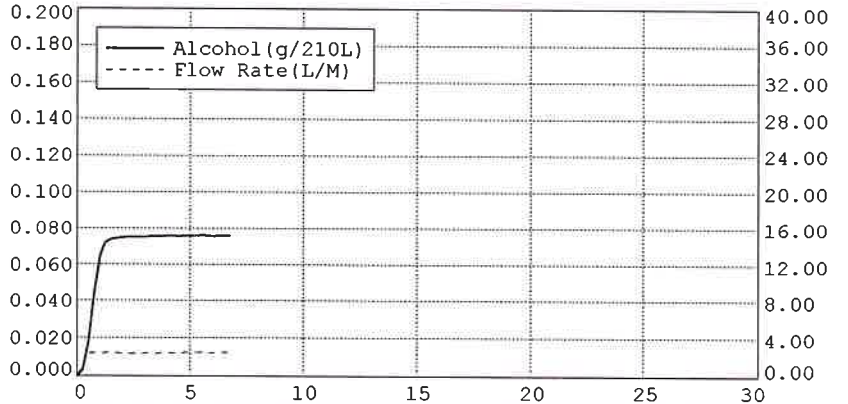
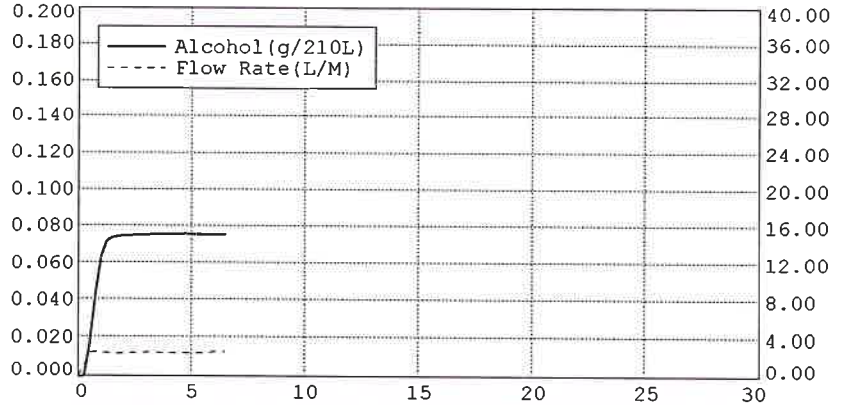
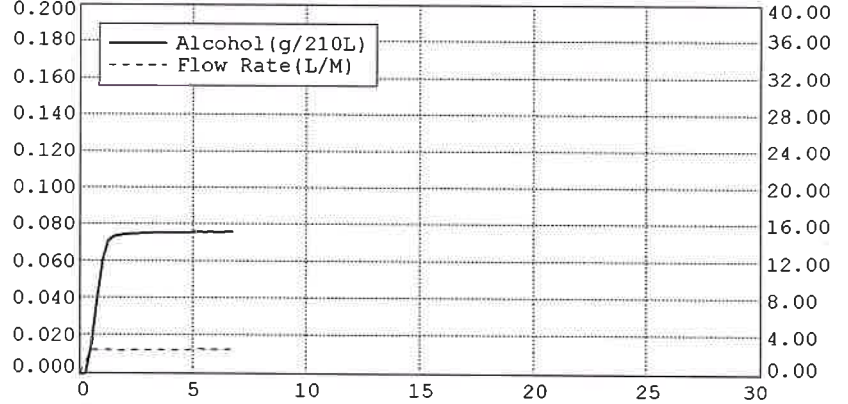
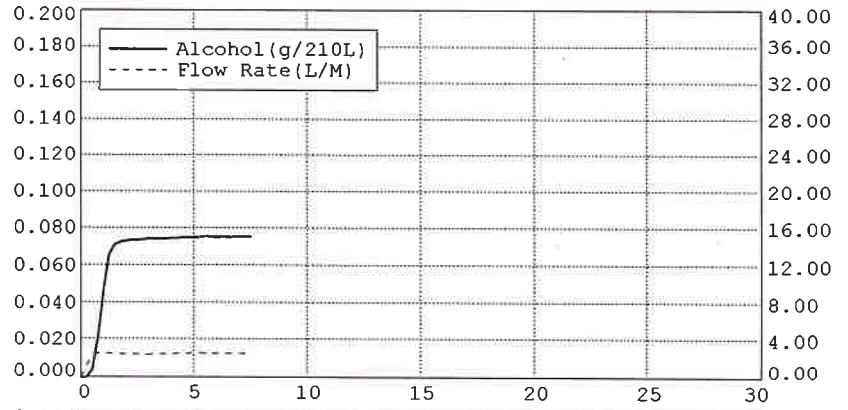
Date: 12/13/2023
Time: 11:28:55

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 28.88: 0.077
LOT #: AG135004
EXPIRATION: 12/16/2023
TANK PRESSURE: 545 psi

BLANK TEST	0.000	11:30
INTERNAL STANDARD	VERIFIED	11:30
EXTERNAL STANDARD	0.076	11:30
BLANK TEST	0.000	11:31
EXTERNAL STANDARD	0.077	11:31
BLANK TEST	0.000	11:32
EXTERNAL STANDARD	0.076	11:32
BLANK TEST	0.000	11:33
EXTERNAL STANDARD	0.077	11:34
BLANK TEST	0.000	11:34
EXTERNAL STANDARD	0.077	11:35
BLANK TEST	0.000	11:36

Average = 0.0766
Std Dev = 0.0005



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety
 DATAMASTER dmt: 100397

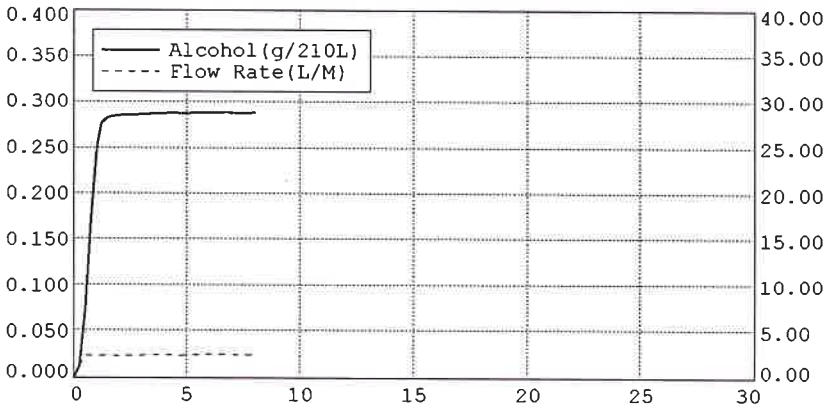
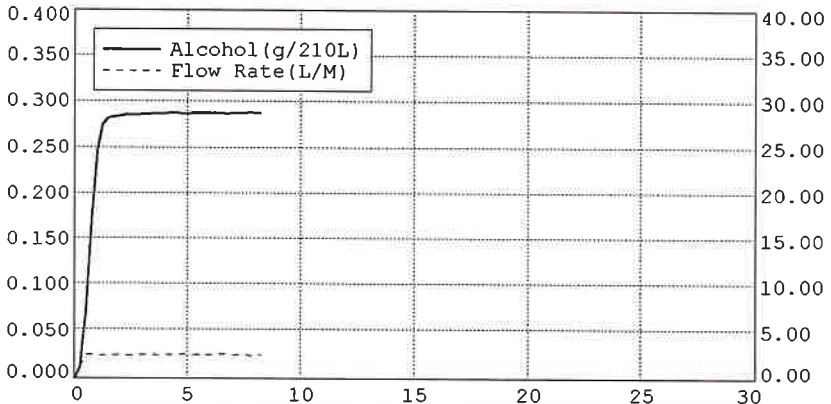
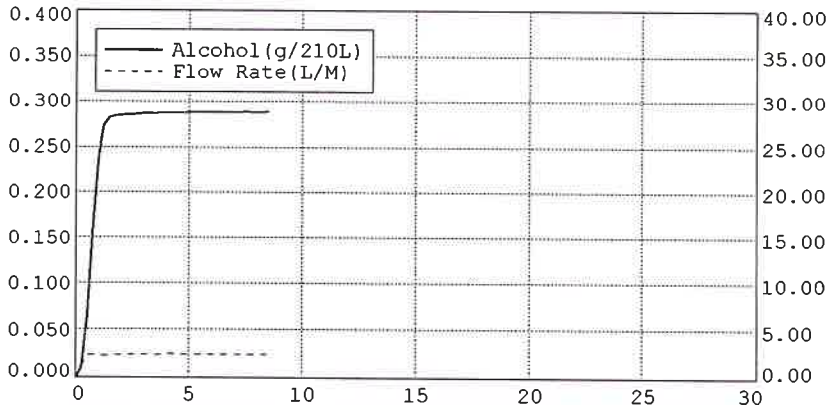
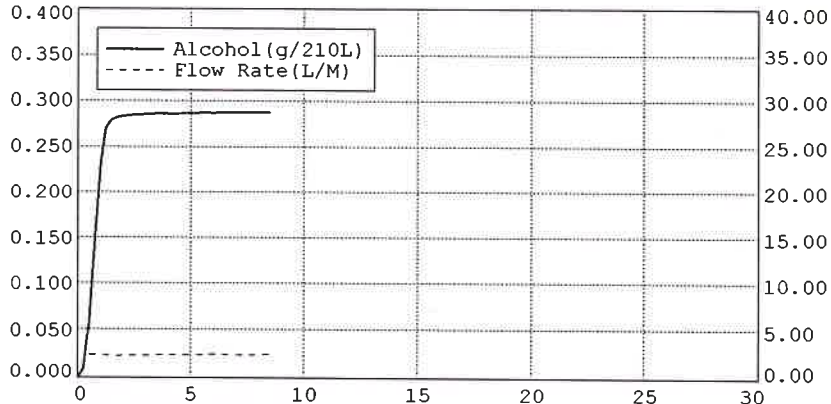
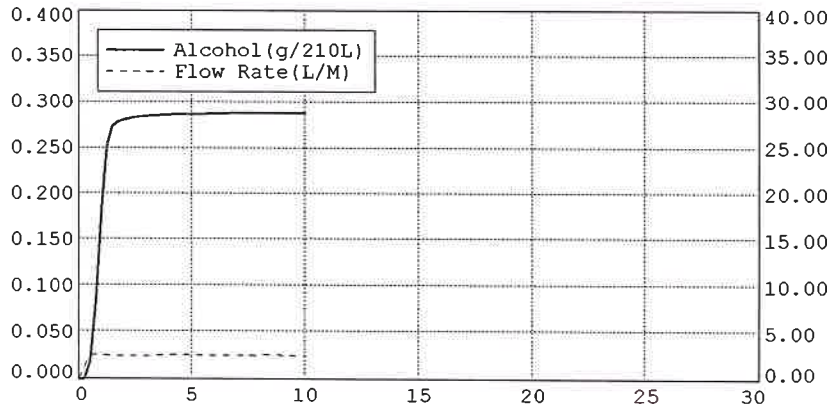
Date: 12/13/2023
 Time: 11:41:09

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.300
 TARGET AT 28.90: 0.290
 LOT #: AG327804
 EXPIRATION: 10/05/2025
 TANK PRESSURE: 461 psi

BLANK TEST	0.000	11:42
INTERNAL STANDARD	VERIFIED	11:42
EXTERNAL STANDARD	0.288	11:42
BLANK TEST	0.000	11:43
EXTERNAL STANDARD	0.288	11:43
BLANK TEST	0.000	11:44
EXTERNAL STANDARD	0.289	11:45
BLANK TEST	0.000	11:45
EXTERNAL STANDARD	0.288	11:46
BLANK TEST	0.000	11:47
EXTERNAL STANDARD	0.288	11:47
BLANK TEST	0.000	11:48

Average = 0.2882
 Std Dev = 0.0004



DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 12/13/2023
Time: 10:58:47

VERSIONS
DMT: 3.02
PIC: 3.03
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.9°C PASSED
(44.0°C - 52.0°C)
Breath Tube = 48.1°C PASSED
(38.0°C - 50.0°C)

SETTINGS

Lamp Voltage = 1.79 V PASSED
(1.00 V - 2.32 V)
Cooler Voltage = 1.60 V PASSED
(0.99 V - 2.31 V)
Bias Voltage = 81 V PASSED
(49 V - 113 V)
Chopper Freq = 525 Hz PASSED
(475 Hz - 575 Hz)
Barometer = 28.9 in

PUMP INFO

Flow Rate = 4.489 L/M PASSED
(3.500 L/M - 6.500 L/M)

DETECTOR INFO

PUMP ON PASSED
(0.002 V <= 0.010 V)
PUMP OFF PASSED
(0.002 V <= 0.010 V)

FILTER INFO

Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD

Xq = 0.084 0.10% (0.00% - 4.00%) PASSED

Technician Screen

DATAMASTER dmt: 100399

Date: 12/13/2023

Time: 11:05 AM

Temperatures (°C)

Sample Cell: 48.7°C
Breath Tube: 48.1°C

Current Barometer 28.9 in
Volume (Ltr) 0.00

Settings

Lamp: 1.79 V
Bias: 81 V
Cooler: 1.58 V
Chopper: 524 Hz

Voltages (V)

Flow: 1.06 V
Detector: -0.019 V

LINEARITY CHECK

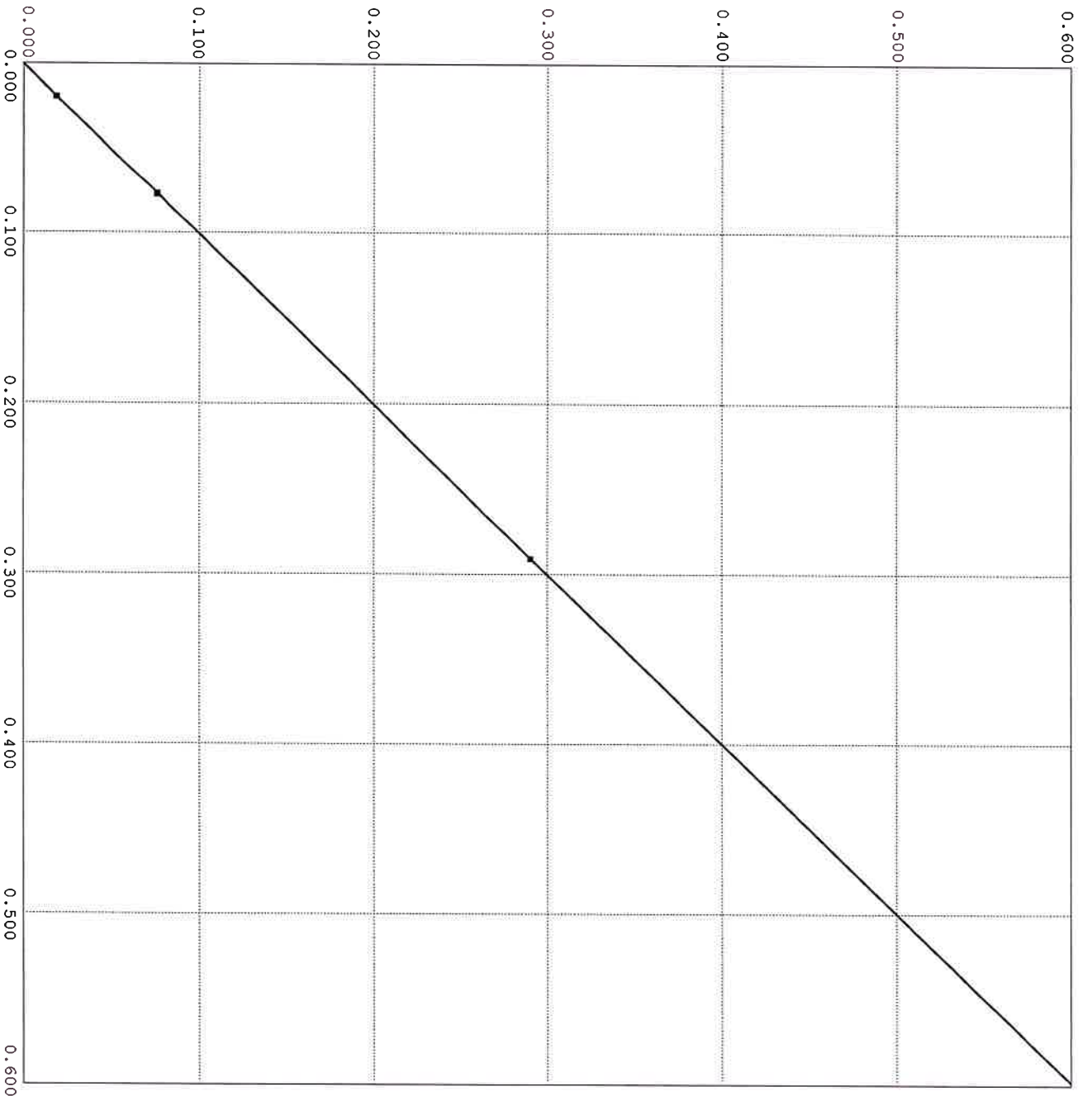
Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 12/13/2023
Time: 11:11:42

SUPERVISOR NAME:
COLLEEN S O'BRYAN
OPERATOR'S #: 6237

TARGET	AVERAGE	STD. DEV.
0.019	0.0192	0.0004
0.077	0.0770	0.0000
0.290	0.2910	0.0000

SLOPE = 1.003423
R² = 0.999998



OK

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
 DATAMASTER dmt: 100399

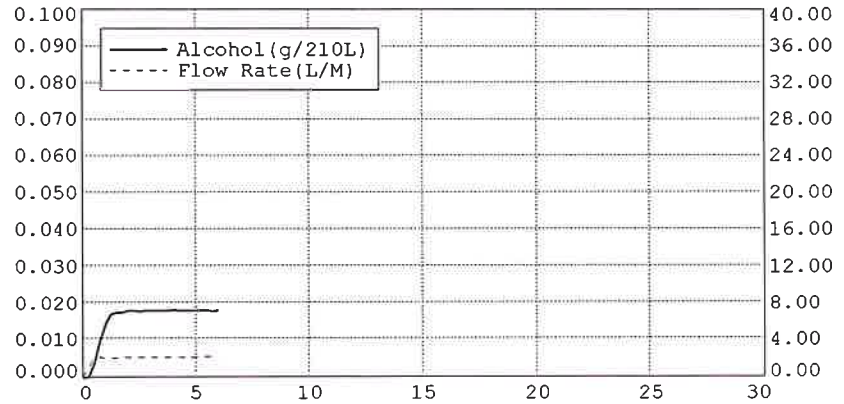
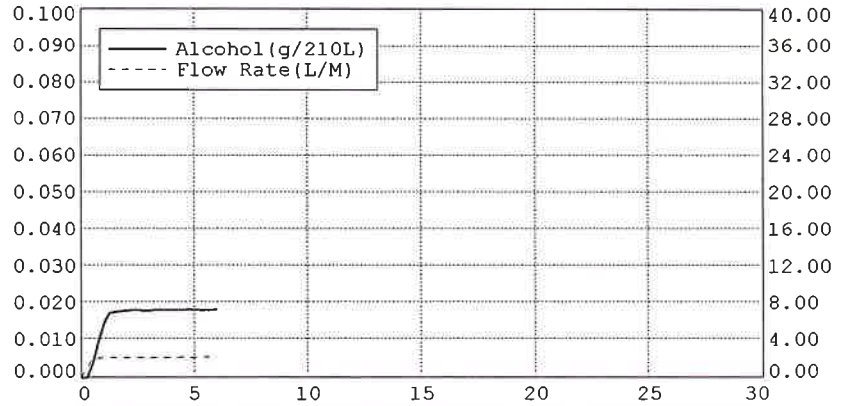
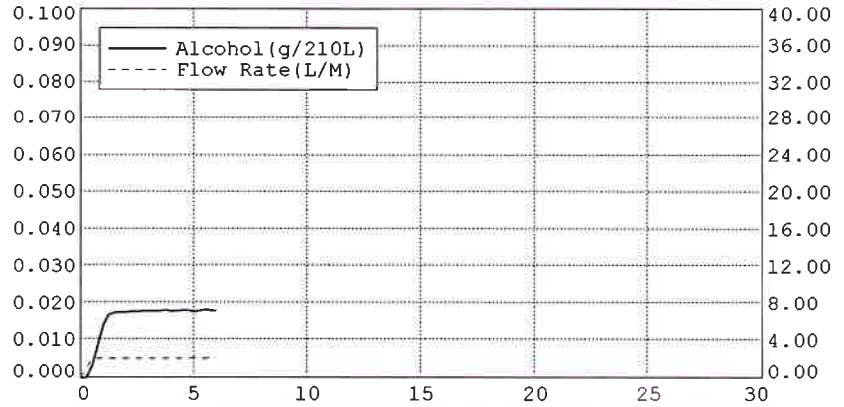
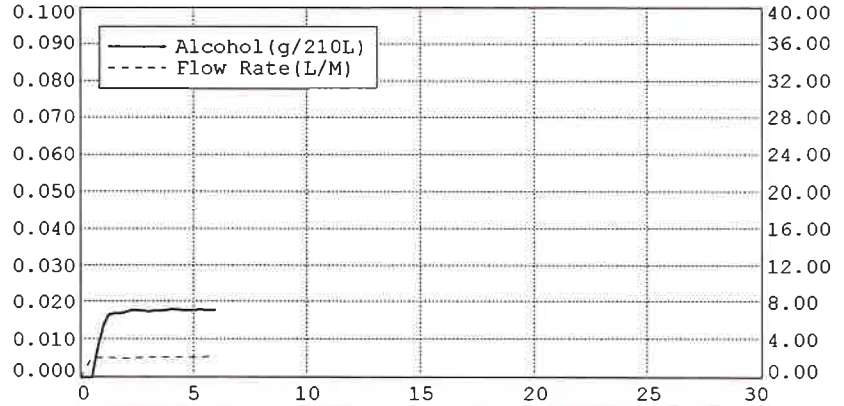
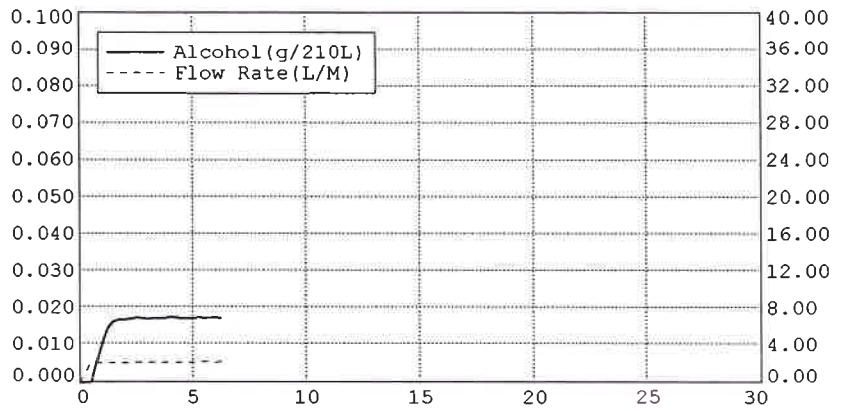
Date: 12/13/2023
 Time: 11:11:44

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
 TARGET AT 28.87: 0.019
 LOT #: AG217902
 EXPIRATION: 06/28/2024
 TANK PRESSURE: 634 psi

BLANK TEST	0.000	11:27
INTERNAL STANDARD	VERIFIED	11:27
EXTERNAL STANDARD	0.019	11:28
BLANK TEST	0.000	11:29
EXTERNAL STANDARD	0.019	11:29
BLANK TEST	0.000	11:30
EXTERNAL STANDARD	0.019	11:30
BLANK TEST	0.000	11:31
EXTERNAL STANDARD	0.020	11:31
BLANK TEST	0.000	11:32
EXTERNAL STANDARD	0.019	11:32
BLANK TEST	0.000	11:33

Average = 0.0192
 Std Dev = 0.0004



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety
 DATAMASTER dmt: 100399

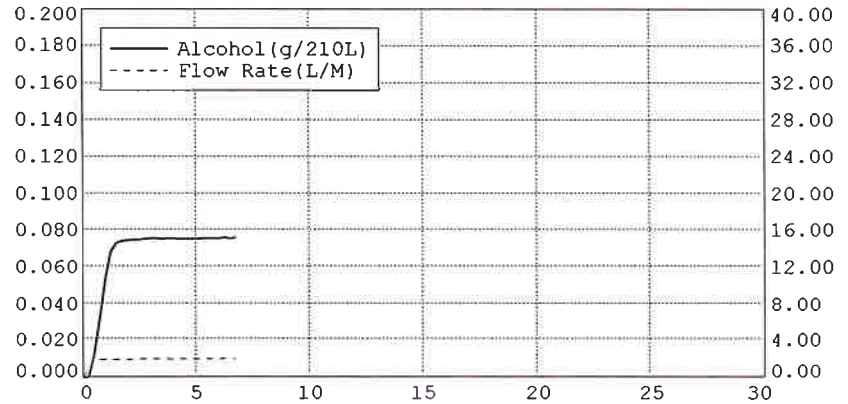
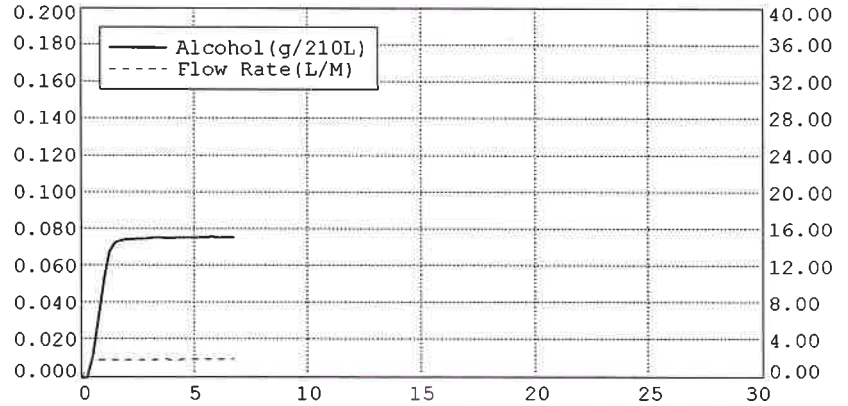
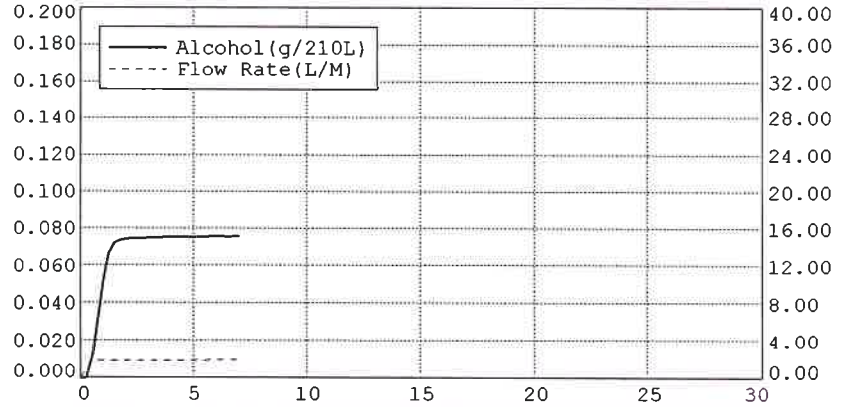
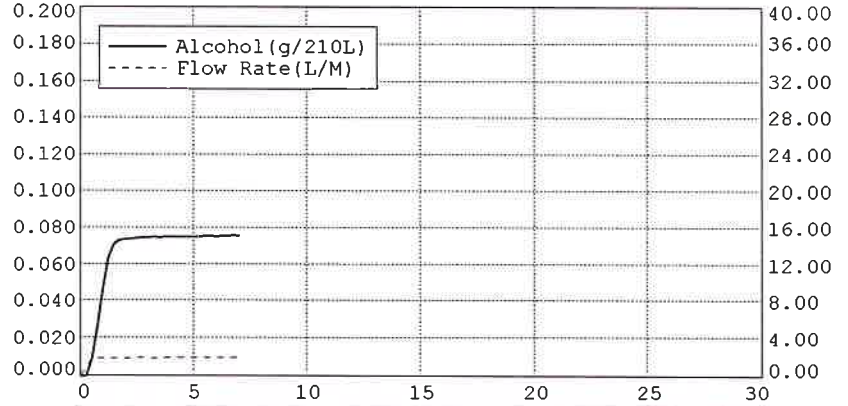
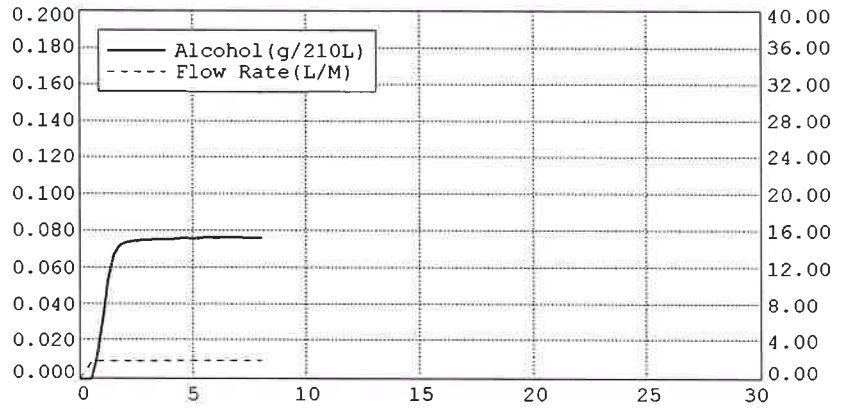
Date: 12/13/2023
 Time: 11:39:30

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
 TARGET AT 28.87: 0.077
 LOT #: AG310901
 EXPIRATION: 04/19/2025
 TANK PRESSURE: 329 psi

BLANK TEST	0.000	11:40
INTERNAL STANDARD	VERIFIED	11:40
EXTERNAL STANDARD	0.077	11:41
BLANK TEST	0.000	11:41
EXTERNAL STANDARD	0.077	11:42
BLANK TEST	0.000	11:43
EXTERNAL STANDARD	0.077	11:43
BLANK TEST	0.000	11:44
EXTERNAL STANDARD	0.077	11:44
BLANK TEST	0.000	11:45
EXTERNAL STANDARD	0.077	11:45
BLANK TEST	0.000	11:46

Average = 0.0770
 Std Dev = 0.0000



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety
 DATAMASTER dmt: 100399

Date: 12/13/2023
 Time: 11:47:15

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.300
 TARGET AT 28.87: 0.290
 LOT #: AG327804
 EXPIRATION: 10/05/2025
 TANK PRESSURE: 446 psi

BLANK TEST	0.000	11:48
INTERNAL STANDARD	VERIFIED	11:48
EXTERNAL STANDARD	0.291	11:48
BLANK TEST	0.000	11:49
EXTERNAL STANDARD	0.291	11:50
BLANK TEST	0.000	11:51
EXTERNAL STANDARD	0.291	11:51
BLANK TEST	0.000	11:52
EXTERNAL STANDARD	0.291	11:52
BLANK TEST	0.000	11:53
EXTERNAL STANDARD	0.291	11:53
BLANK TEST	0.000	11:54

Average = 0.2910
 Std Dev = 0.0000

