



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: 3-Jan-2022

Lot # AG135004 **Model** 108

Exp Date 16-Dec-2023	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.080 ± 0.002 BrAC (208 ppm)
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

Digitally signed by: Quality Control
 Reason: Dry gas standard certification of analysis
 Location: Airgas USA LLC (Lab)
 Date: 01.04.2022 12:55

Approved for Release: _____

Rod Marsala

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: 02/18/2022
Time: 08:28:25

SUPERVISOR NAME:
CARLIE GLAISTER
OPERATOR'S #: 10436

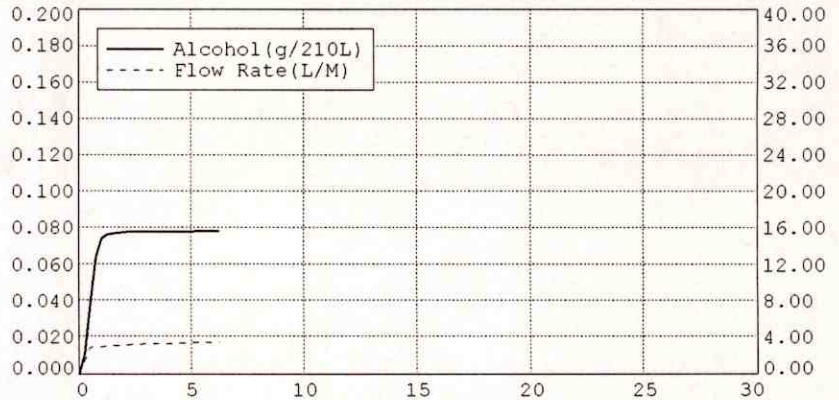
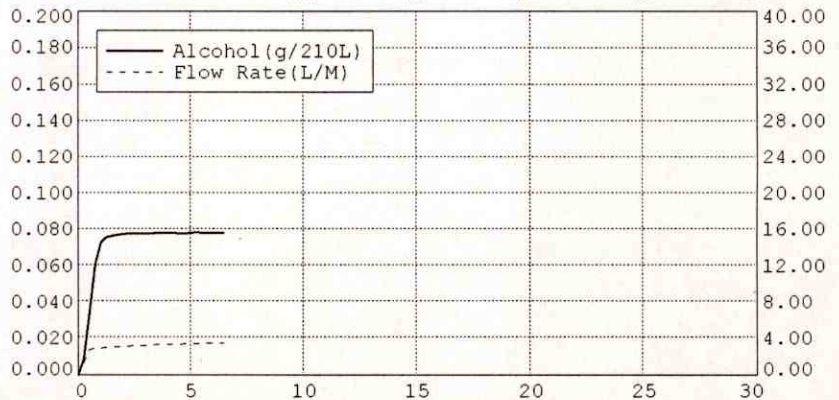
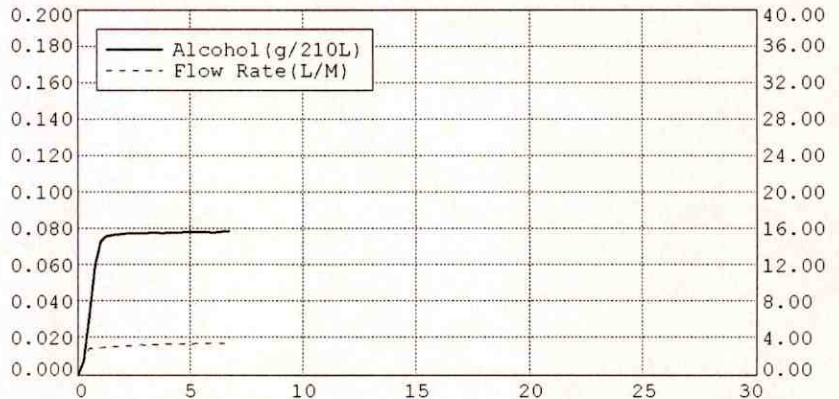
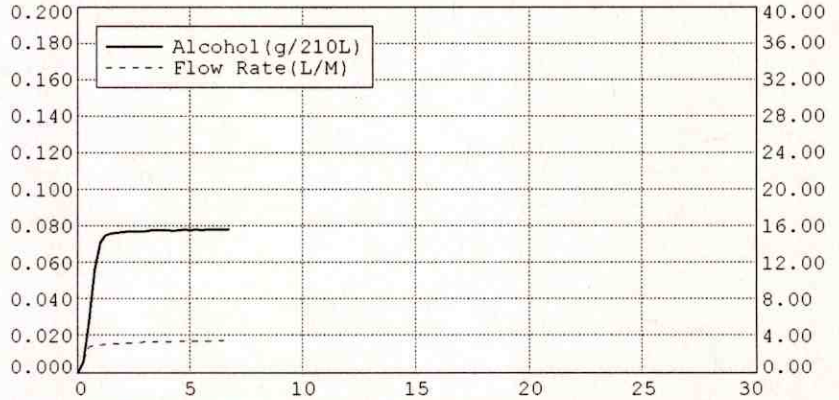
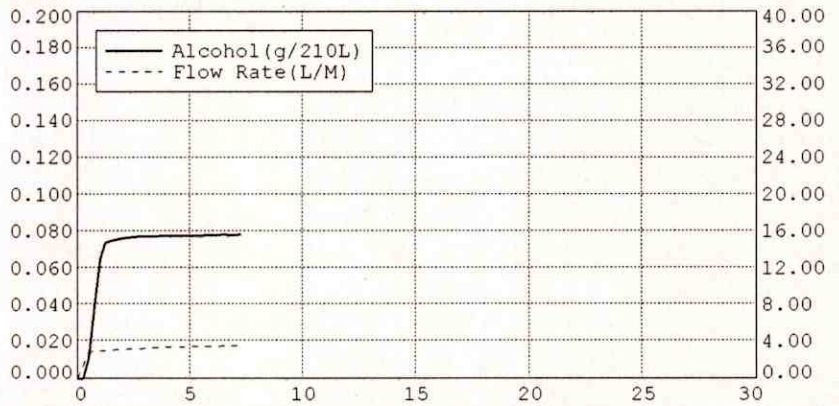
EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 29.32: 0.078
TANK PRESSURE: 1238 psi

BLANK TEST	0.000	08:31
INTERNAL STANDARD	VERIFIED	08:31
EXTERNAL STANDARD	0.079	08:31
BLANK TEST	0.000	08:32
EXTERNAL STANDARD	0.079	08:32
BLANK TEST	0.000	08:33
EXTERNAL STANDARD	0.079	08:34
BLANK TEST	0.000	08:34
EXTERNAL STANDARD	0.079	08:35
BLANK TEST	0.000	08:36
EXTERNAL STANDARD	0.079	08:36
BLANK TEST	0.000	08:37

Average = 0.0790
Std Dev = 0.0000

Lot# AG135004
Tank# 038
Exp: 12/16/2023
OUG 2/18/2022

Average = 0.078
OUG 2/18/22



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100405

Date: 02/18/2022
 Time: 08:31:49

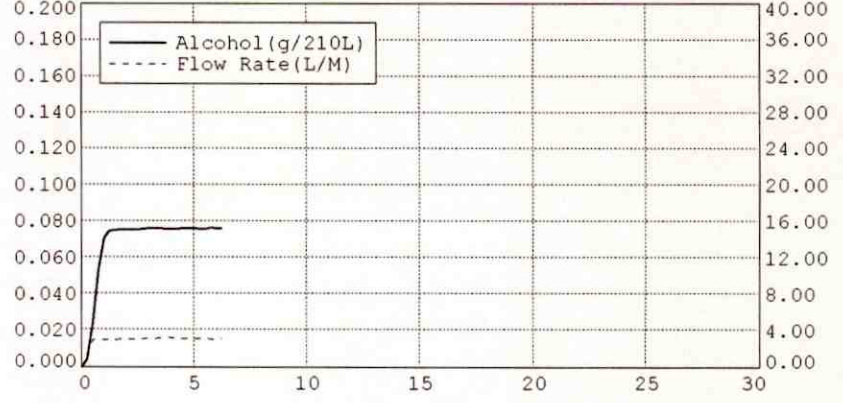
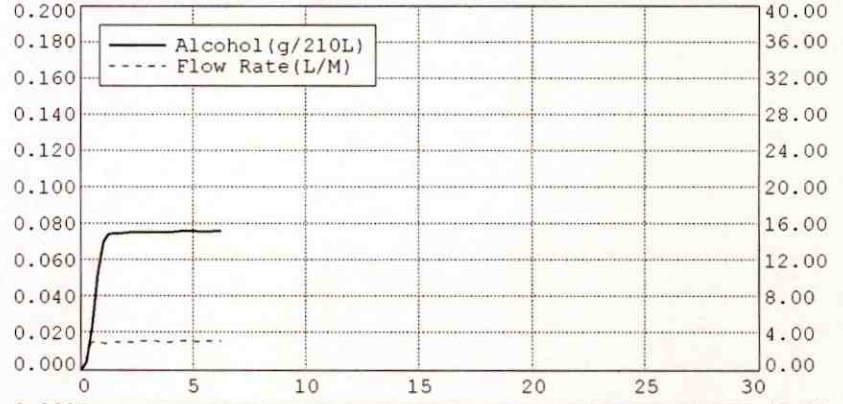
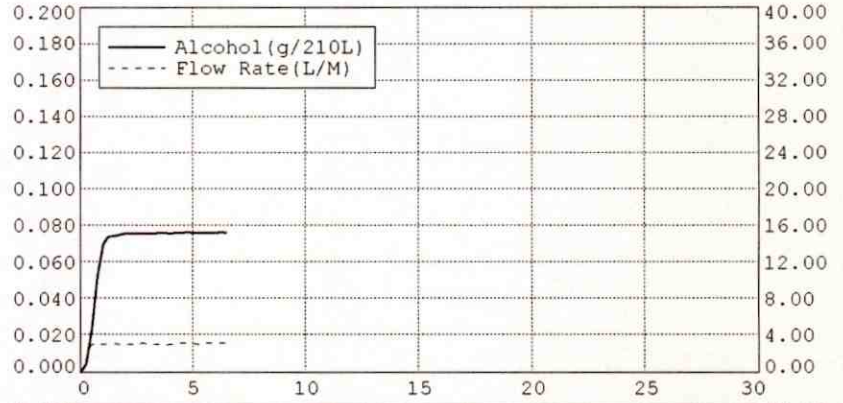
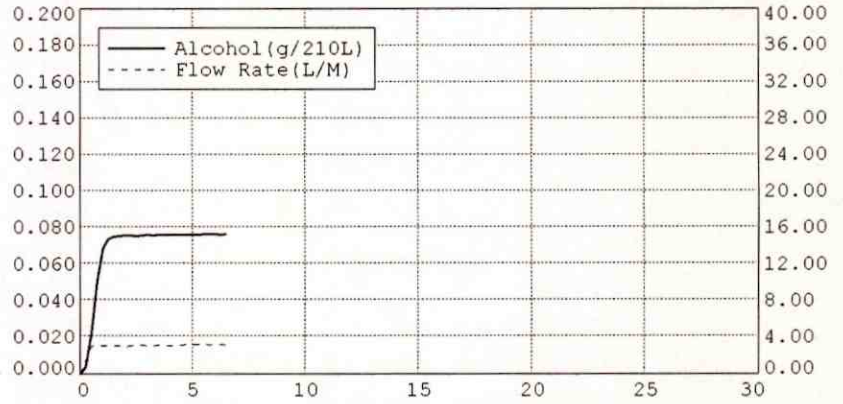
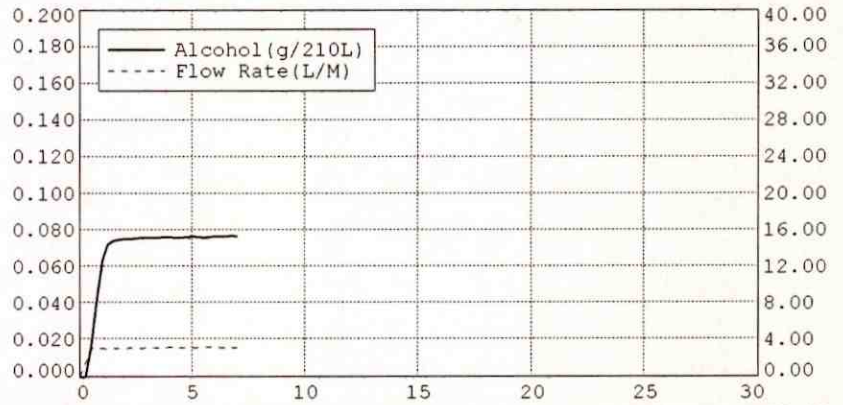
SUPERVISOR NAME:
 CARLIE GLAISTER
 OPERATOR'S #: 10436

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.080
 TARGET AT 29.33: 0.078
 TANK PRESSURE: 1215 psi

BLANK TEST	0.000	08:35
INTERNAL STANDARD	VERIFIED	08:35
EXTERNAL STANDARD	0.077	08:35
BLANK TEST	0.000	08:36
EXTERNAL STANDARD	0.077	08:36
BLANK TEST	0.000	08:37
EXTERNAL STANDARD	0.077	08:38
BLANK TEST	0.000	08:38
EXTERNAL STANDARD	0.077	08:39
BLANK TEST	0.000	08:40
EXTERNAL STANDARD	0.077	08:40
BLANK TEST	0.000	08:41

Average = 0.0770
 Std Dev = 0.0000

Lot # A6135004
 Tank # 038
 Exp. 12/16/2023
 TAL 02/18/2022 OLG 2/18/22



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100399

Date: 02/18/2022
 Time: 08:41:45

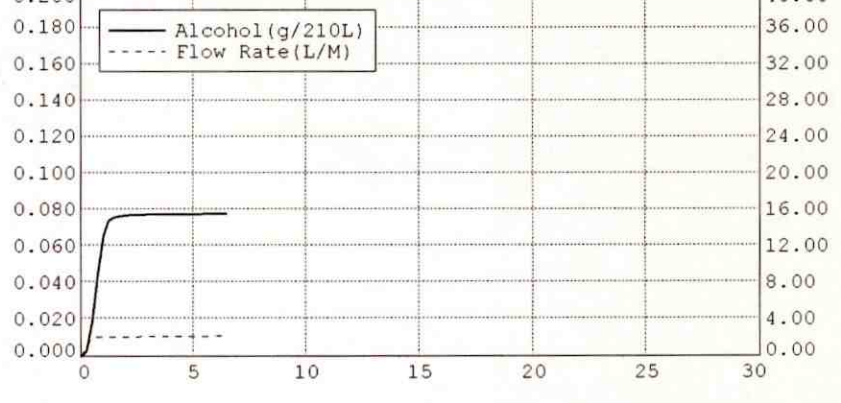
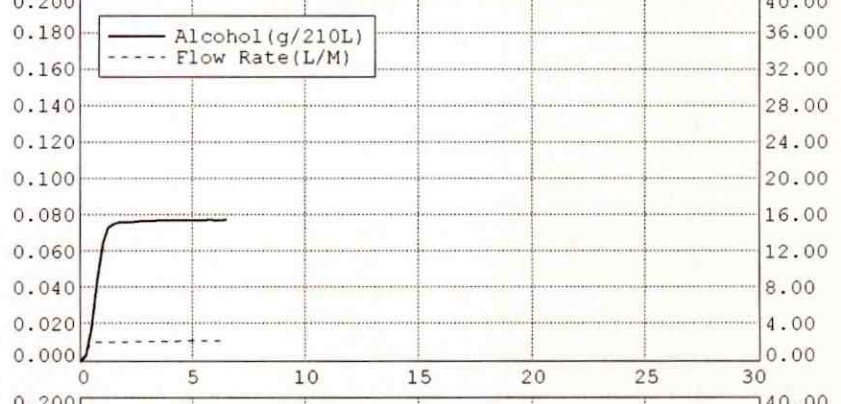
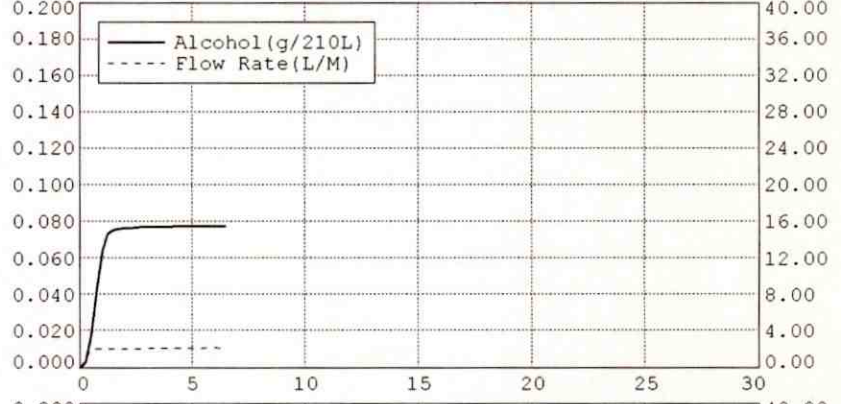
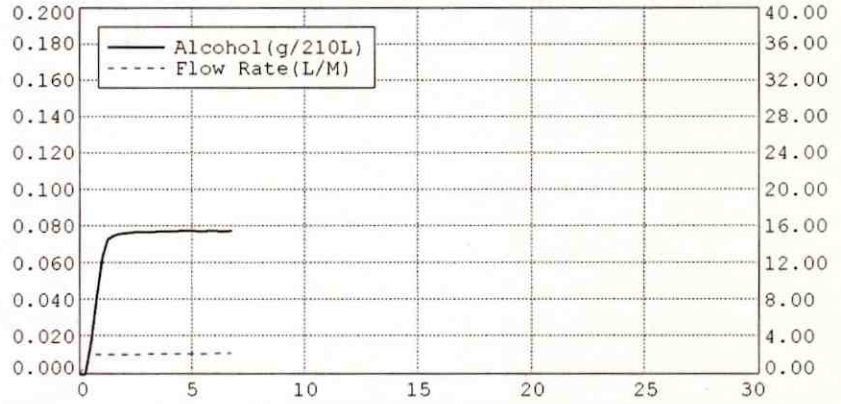
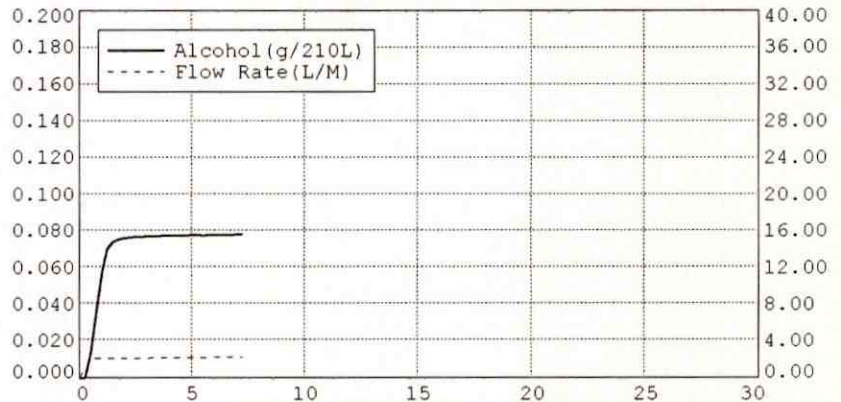
SUPERVISOR NAME:
 CARLIE GLAISTER
 OPERATOR'S #: 10436

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.080
 TARGET AT 29.33: 0.078
 TANK PRESSURE: 1202 psi

BLANK TEST	0.000	08:44
INTERNAL STANDARD	VERIFIED	08:44
EXTERNAL STANDARD	0.079	08:45
BLANK TEST	0.000	08:46
EXTERNAL STANDARD	0.079	08:46
BLANK TEST	0.000	08:47
EXTERNAL STANDARD	0.079	08:47
BLANK TEST	0.000	08:48
EXTERNAL STANDARD	0.079	08:48
BLANK TEST	0.000	08:49
EXTERNAL STANDARD	0.079	08:49
BLANK TEST	0.000	08:50

Average = 0.0790
 Std Dev = 0.0000

Lot # AG135004
 Tank # 038
 Exp: 12/16/2023
 CUG 2/18/2022



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100405

Date: 02/18/2022
 Time: 08:20:27

SUPERVISOR NAME:
 CARLIE GLAISTER
 OPERATOR'S #: 10436

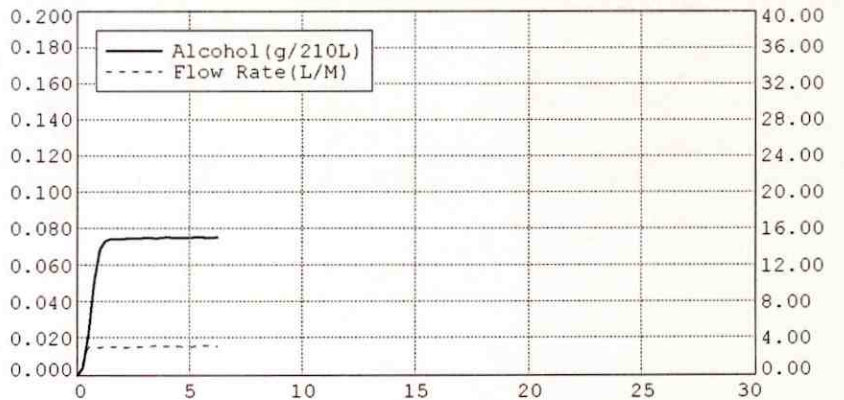
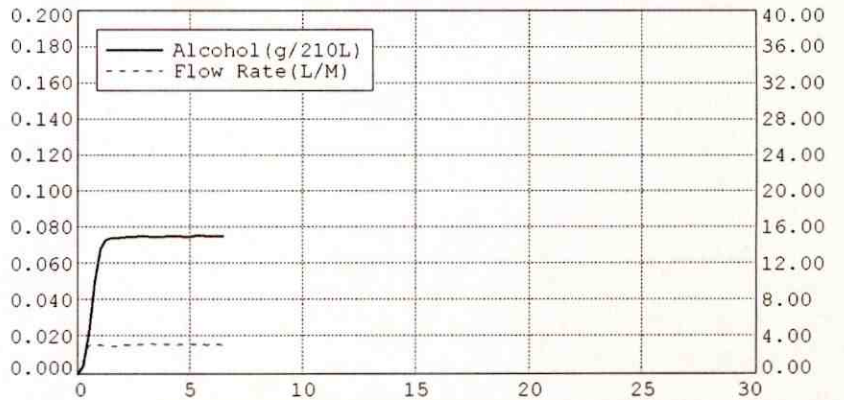
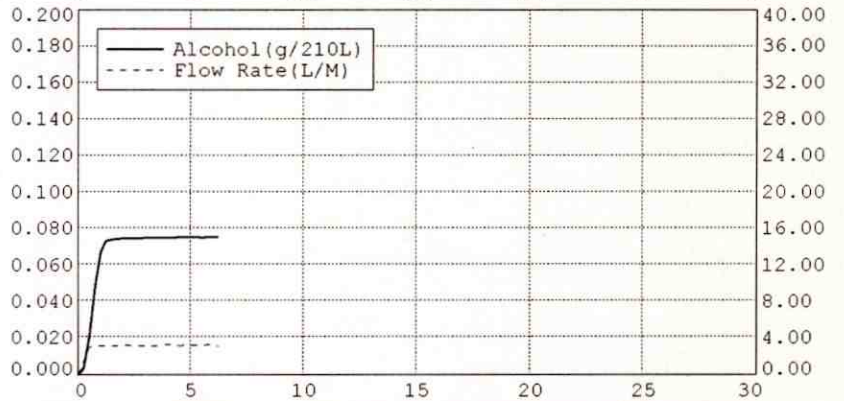
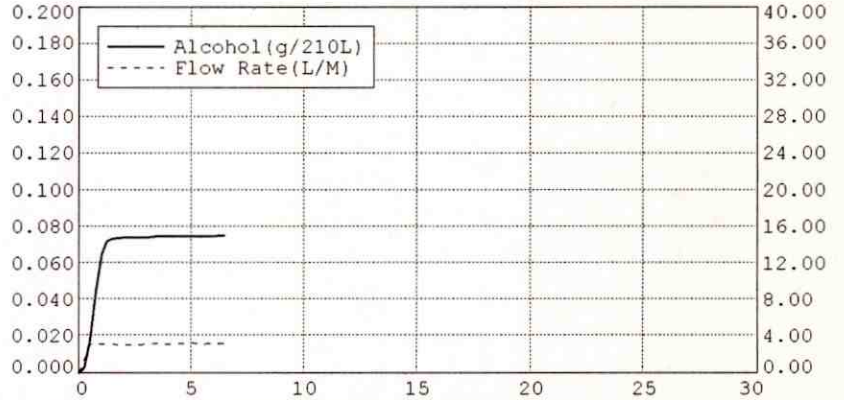
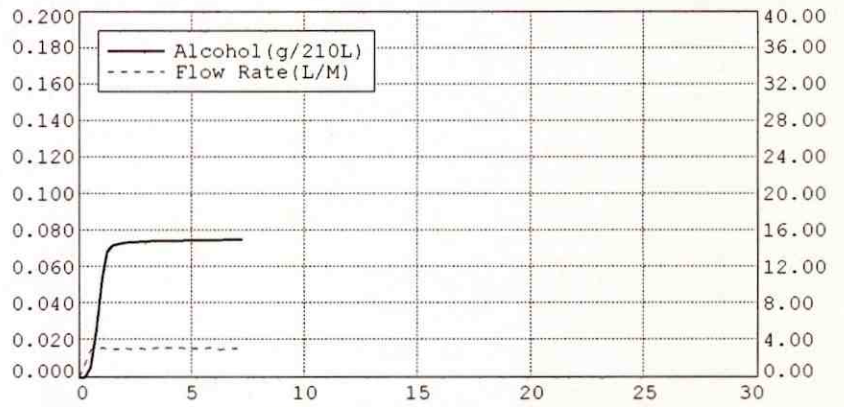
EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.080
 TARGET AT 29.33: 0.078
 TANK PRESSURE: 1228 psi

BLANK TEST	0.000	08:24
INTERNAL STANDARD	VERIFIED	08:25
EXTERNAL STANDARD	0.076	08:25
BLANK TEST	0.000	08:26
EXTERNAL STANDARD	0.076	08:26
BLANK TEST	0.000	08:27
EXTERNAL STANDARD	0.076	08:27
BLANK TEST	0.000	08:28
EXTERNAL STANDARD	0.076	08:28
BLANK TEST	0.000	08:29
EXTERNAL STANDARD	0.076	08:29
BLANK TEST	0.000	08:30

Average = 0.0760
 Std Dev = 0.0000

LO# AG135004
 Tank # 061
 Exp. 12/16/2023
 TAL 02/18/2022 CUG 2/18/22

Average = 0.078
 CUG 2/18/2022



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100399

Date: 02/18/2022
 Time: 08:32:44

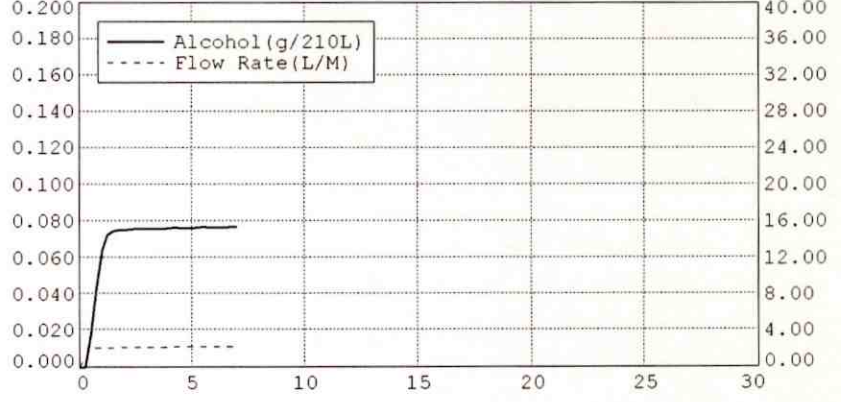
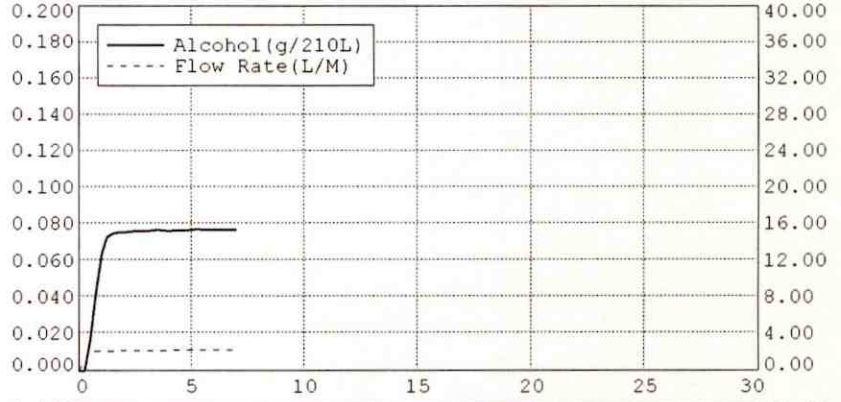
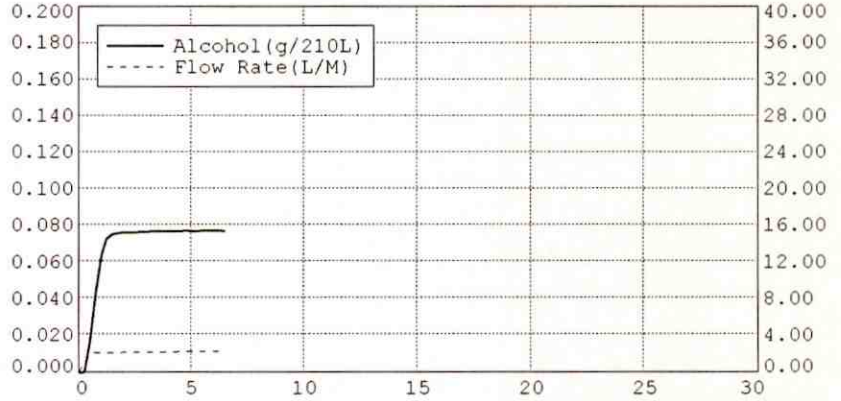
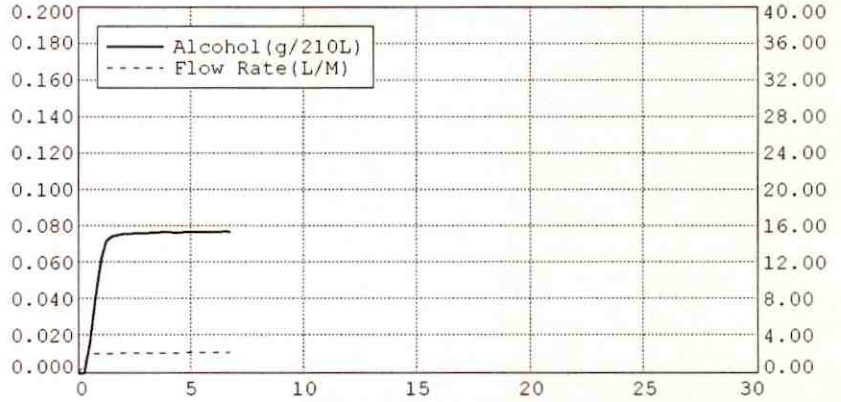
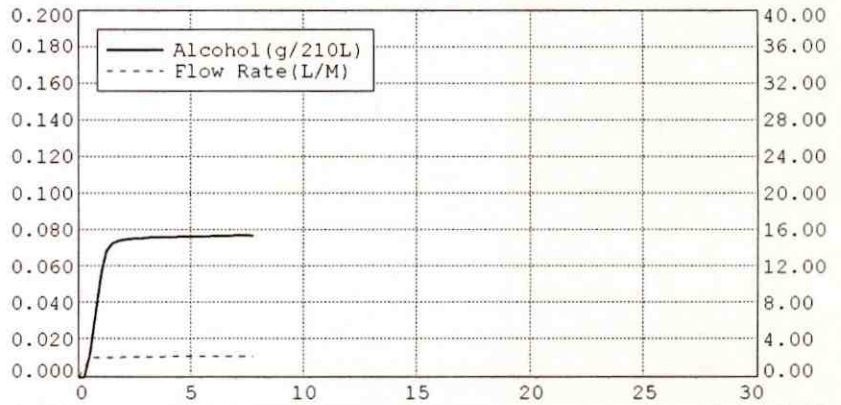
SUPERVISOR NAME:
 CARLIE GLAISTER
 OPERATOR'S #: 10436

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.080
 TARGET AT 29.32: 0.078
 TANK PRESSURE: 1226 psi

BLANK TEST	0.000	08:34
INTERNAL STANDARD	VERIFIED	08:34
EXTERNAL STANDARD	0.079	08:34
BLANK TEST	0.000	08:35
EXTERNAL STANDARD	0.078	08:35
BLANK TEST	0.000	08:36
EXTERNAL STANDARD	0.078	08:37
BLANK TEST	0.000	08:37
EXTERNAL STANDARD	0.078	08:38
BLANK TEST	0.000	08:39
EXTERNAL STANDARD	0.078	08:39
BLANK TEST	0.000	08:40

Average = 0.0782
 Std Dev = 0.0004

Lot # AG135004
 Tank # 061
 Exp: 12/16/2023
 OKG 2/18/2022



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100375

Date: 02/18/2022
 Time: 08:52:20

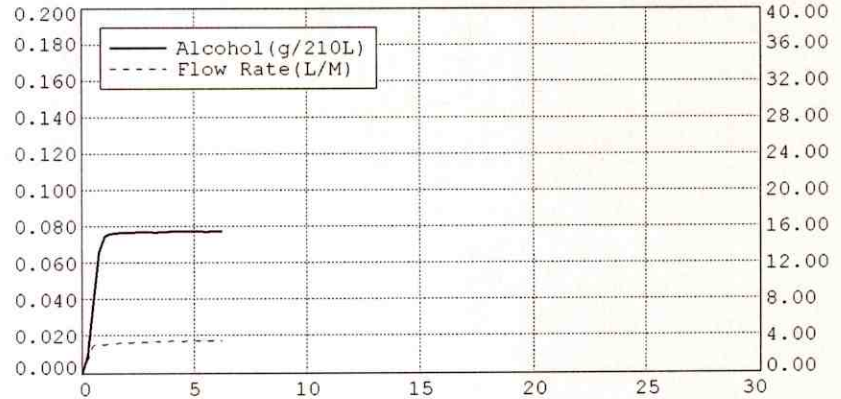
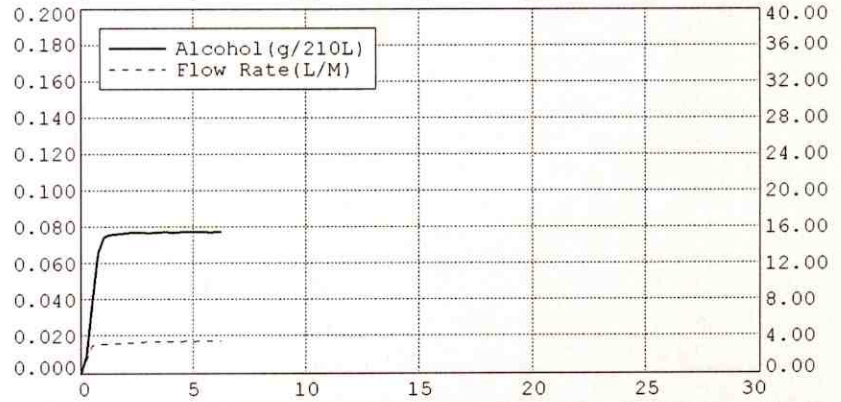
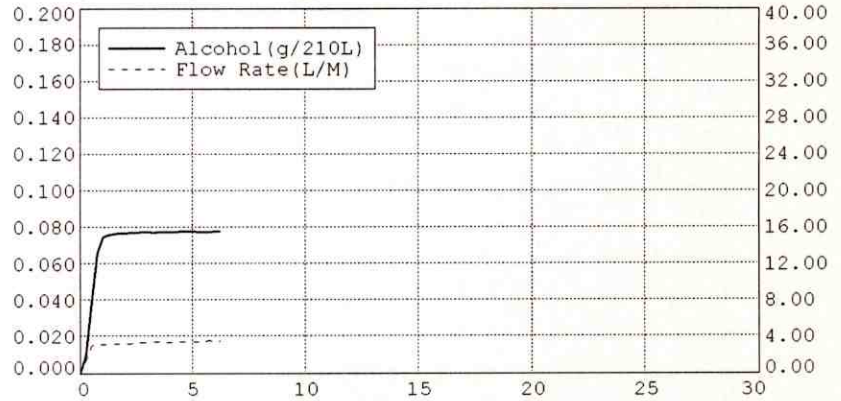
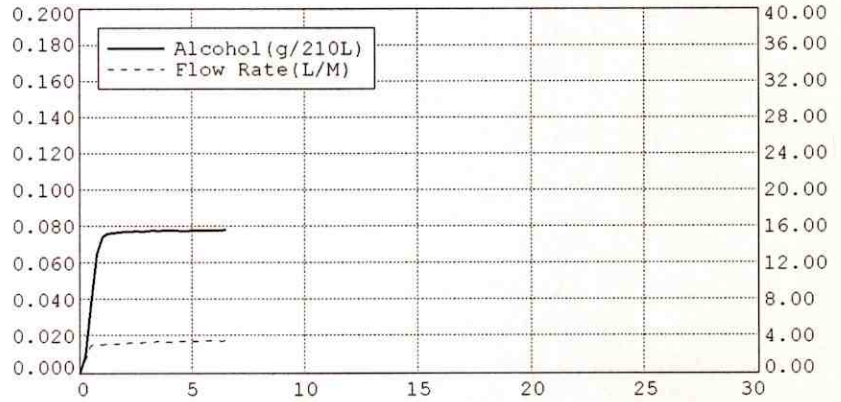
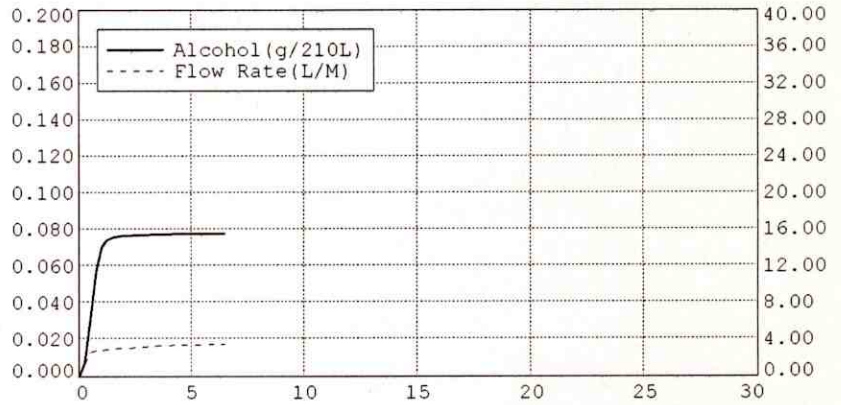
SUPERVISOR NAME:
 CARLIE GLAISTER
 OPERATOR'S #: 10436

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.080
 TARGET AT 29.32: 0.078
 TANK PRESSURE: 1206 psi

BLANK TEST	0.000	08:54
INTERNAL STANDARD	VERIFIED	08:54
EXTERNAL STANDARD	0.079	08:54
BLANK TEST	0.000	08:55
EXTERNAL STANDARD	0.079	08:55
BLANK TEST	0.000	08:56
EXTERNAL STANDARD	0.079	08:57
BLANK TEST	0.000	08:57
EXTERNAL STANDARD	0.078	08:58
BLANK TEST	0.000	08:59
EXTERNAL STANDARD	0.079	08:59
BLANK TEST	0.000	09:00

Average = 0.0788
 Std Dev = 0.0004

Lot # A61135004
 Tank # 061
 Exp. 12/16/2023
 TAL 02/18/2022 OWS 2/18/22



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100399

Date: 02/18/2022
 Time: 08:19:44

SUPERVISOR NAME:
 CARLIE GLAISTER
 OPERATOR'S #: 10436

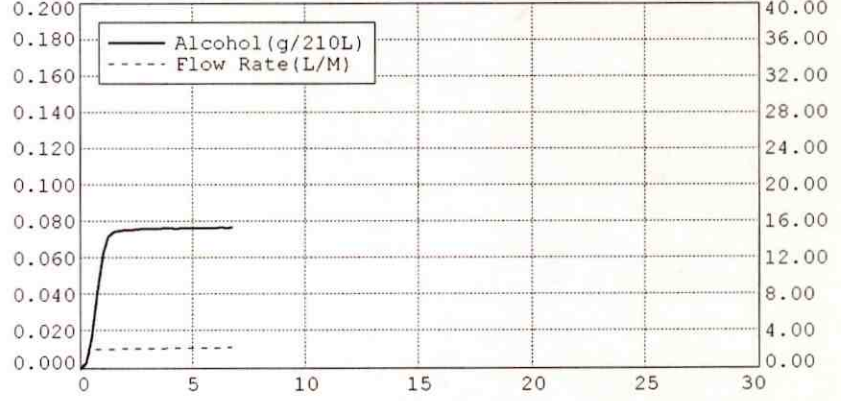
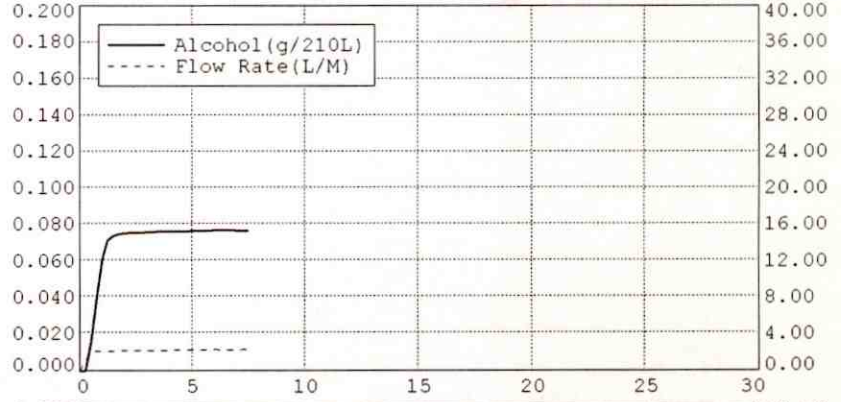
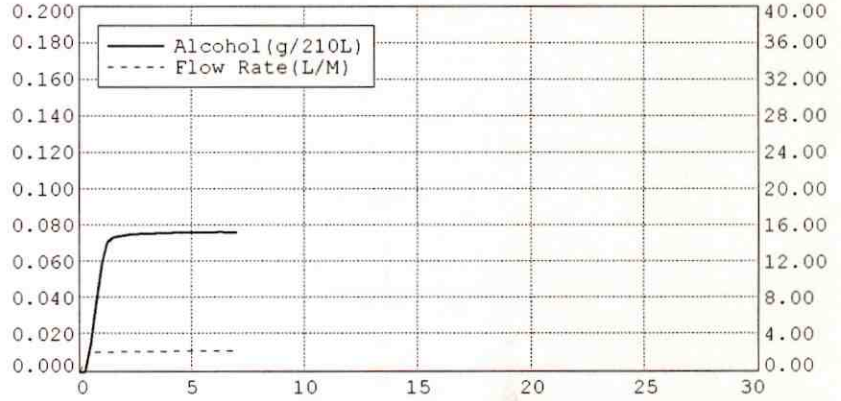
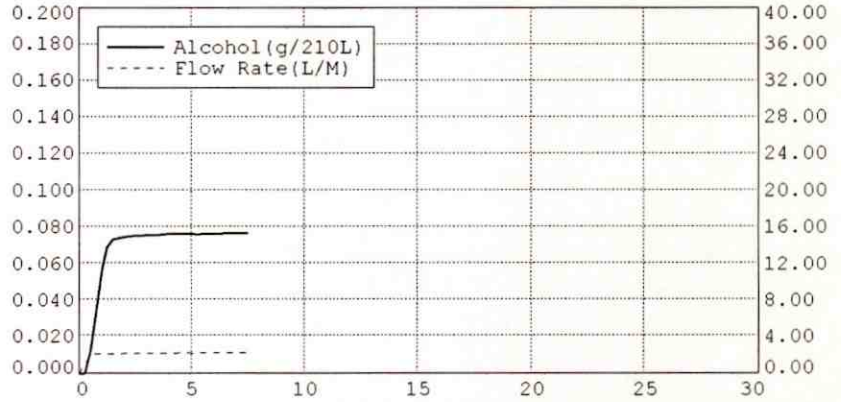
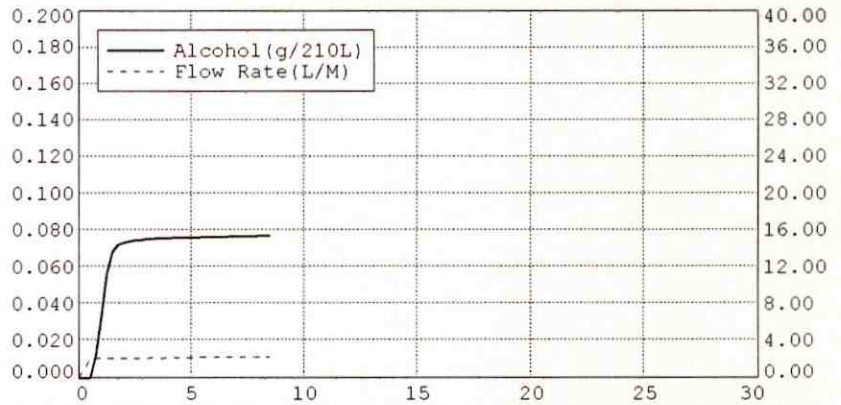
EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.080
 TARGET AT 29.32: 0.078
 TANK PRESSURE: 1233 psi

BLANK TEST	0.000	08:25
INTERNAL STANDARD	VERIFIED	08:25
EXTERNAL STANDARD	0.078	08:25
BLANK TEST	0.000	08:26
EXTERNAL STANDARD	0.078	08:26
BLANK TEST	0.000	08:27
EXTERNAL STANDARD	0.078	08:28
BLANK TEST	0.000	08:29
EXTERNAL STANDARD	0.078	08:29
BLANK TEST	0.000	08:30
EXTERNAL STANDARD	0.078	08:30
BLANK TEST	0.000	08:31

Average = 0.0780
 Std Dev = 0.0000

Lot # A61B5004
 Tank # 091
 Exp. 12/16/2023
 TAL 02/18/2022 CUG 2/18/22

Average: 0.078
 CUG 2/18/2022



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100375

Date: 02/18/2022
 Time: 08:38:36

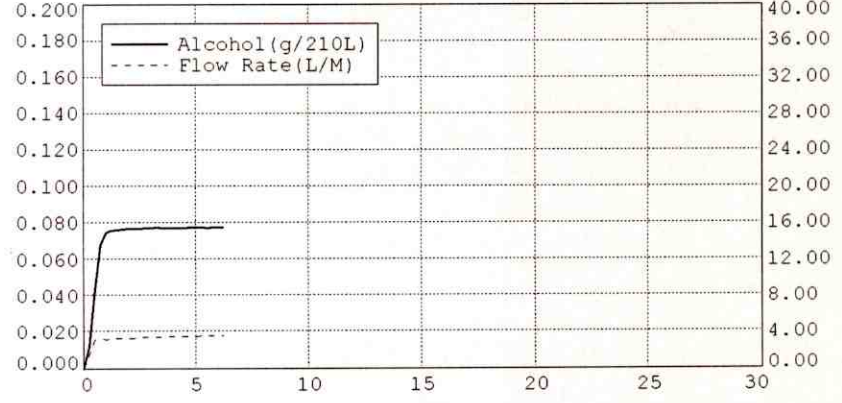
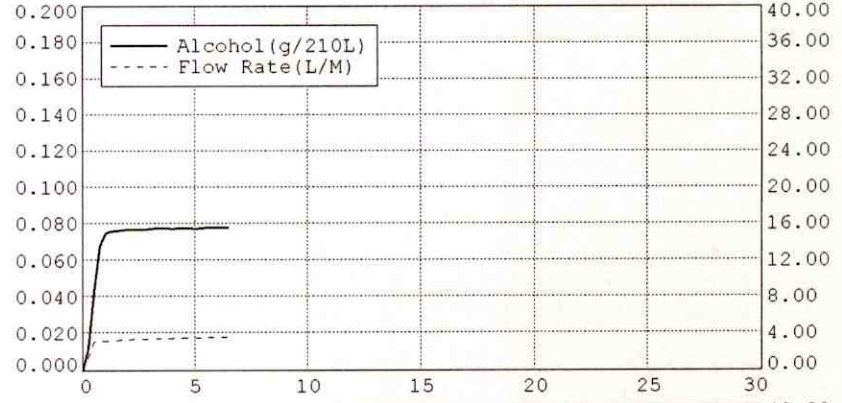
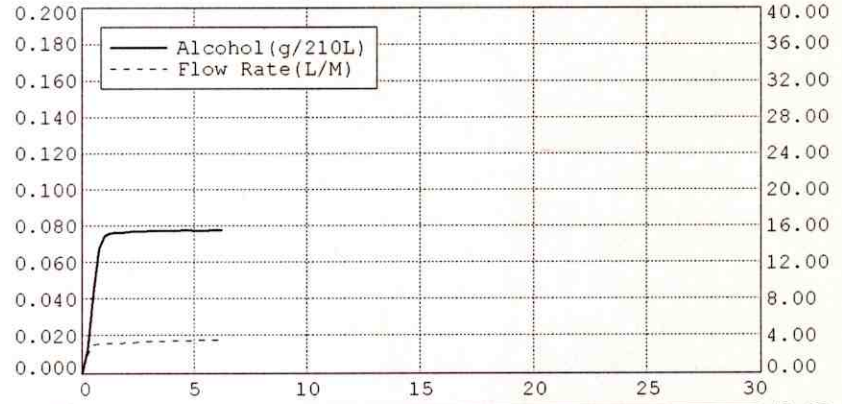
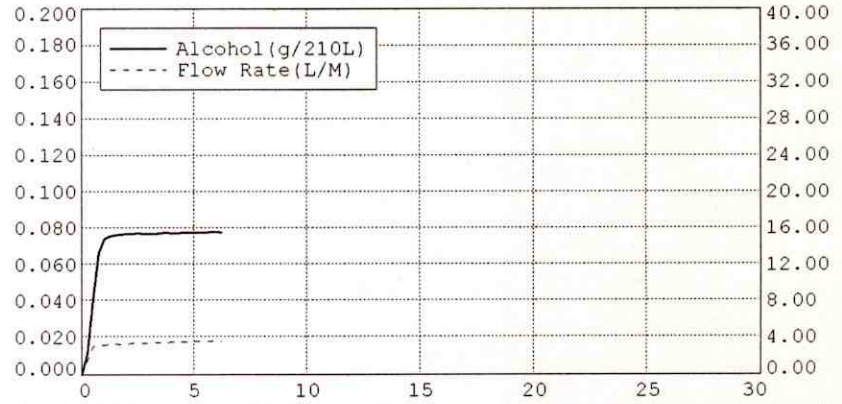
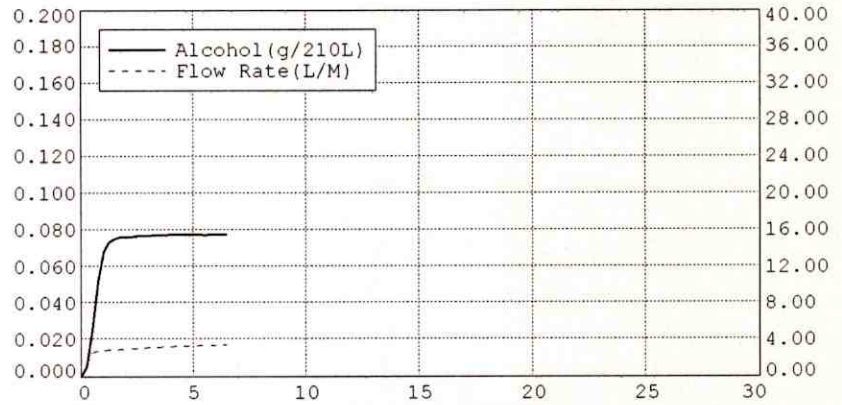
SUPERVISOR NAME:
 CARLIE GLAISTER
 OPERATOR'S #: 10436

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.080
 TARGET AT 29.32: 0.078
 TANK PRESSURE: 1224 psi

BLANK TEST	0.000	08:44
INTERNAL STANDARD	VERIFIED	08:44
EXTERNAL STANDARD	0.078	08:44
BLANK TEST	0.000	08:45
EXTERNAL STANDARD	0.079	08:45
BLANK TEST	0.000	08:46
EXTERNAL STANDARD	0.079	08:46
BLANK TEST	0.000	08:47
EXTERNAL STANDARD	0.078	08:47
BLANK TEST	0.000	08:48
EXTERNAL STANDARD	0.078	08:49
BLANK TEST	0.000	08:49

Average = 0.0784
 Std Dev = 0.0005

Lot # A6135004
 Tank # 091
 Exp. 12/16/2023
 TAC 02/18/22 OUG 2/18/22



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100405

Date: 02/18/2022
Time: 08:42:36

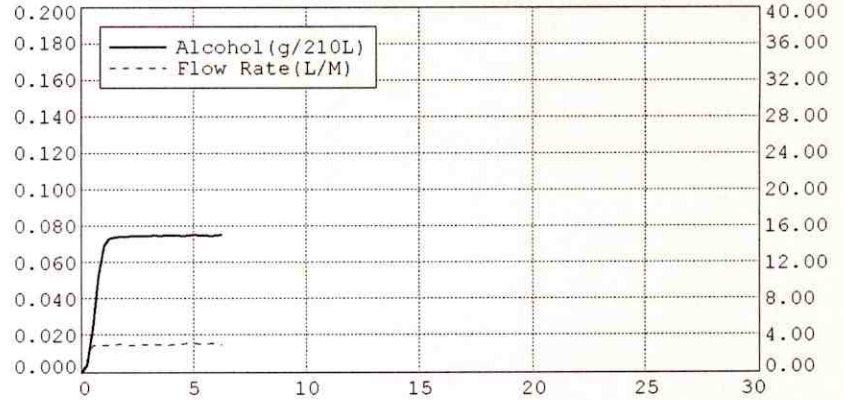
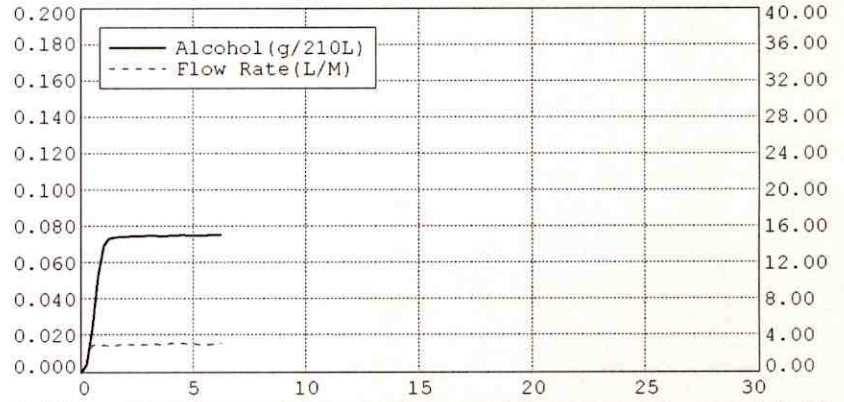
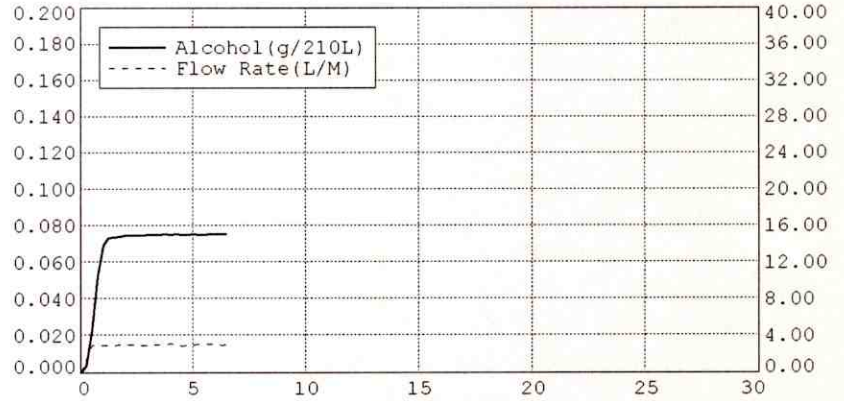
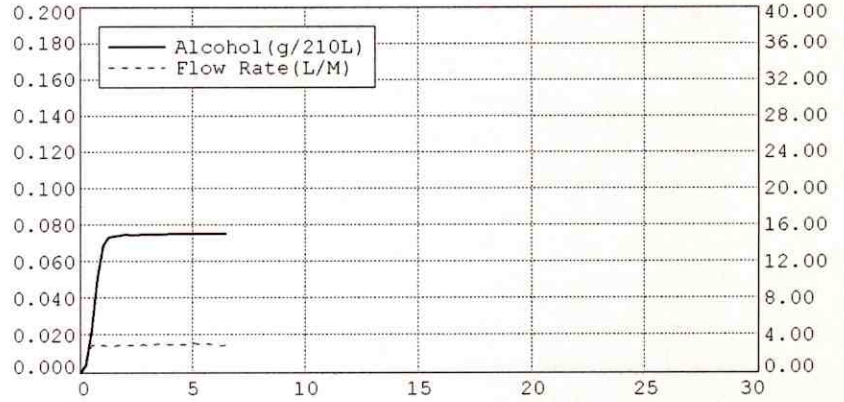
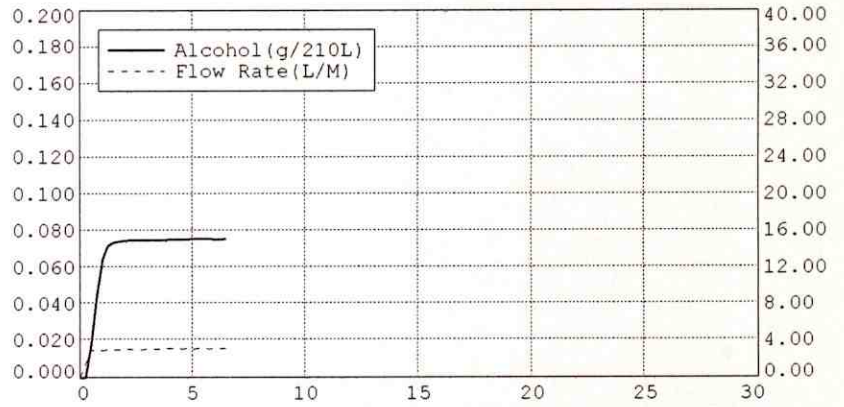
SUPERVISOR NAME:
CARLIE GLAISTER
OPERATOR'S #: 10436

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 29.33: 0.078
TANK PRESSURE: 1195 psi

BLANK TEST	0.000	08:46
INTERNAL STANDARD	VERIFIED	08:46
EXTERNAL STANDARD	0.076	08:46
BLANK TEST	0.000	08:47
EXTERNAL STANDARD	0.077	08:47
BLANK TEST	0.000	08:48
EXTERNAL STANDARD	0.076	08:48
BLANK TEST	0.000	08:49
EXTERNAL STANDARD	0.076	08:49
BLANK TEST	0.000	08:50
EXTERNAL STANDARD	0.076	08:50
BLANK TEST	0.000	08:51

Average = 0.0762
Std Dev = 0.0004

Lot # A6135004
tank # 091
Exp. 12/16/2023
TAL 02/18/2022 CUG 2/18/22



DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100375

Date: 02/17/2022
Time: 08:24:37

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

TEMPERATURES

Sample Chamber = 48.7°C PASSED
(44.0°C - 52.0°C)
Breath Tube = 48.1°C PASSED
(38.0°C - 50.0°C)

SETTINGS

Lamp Voltage = 1.52 V PASSED
(0.92 V - 2.16 V)
Cooler Voltage = 1.59 V PASSED
(0.92 V - 2.16 V)
Bias Voltage = 80 V PASSED
(47 V - 111 V)
Chopper Freq = 544 Hz PASSED
(475 Hz - 575 Hz)
Barometer = 29.7 in

PUMP INFO

Flow Rate = 3.988 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

PASSED
Xq = 0.092 0.57% (0.00% - 4.00%)

Technician Screen

DATAMASTER dmt: 100375

Date: 02/17/2022

Time: 8:32 AM

Temperatures (°C)

Sample Cell: 48.7°C

Breath Tube: 48.1°C

Current Barometer 29.7 in

Volume (Ltr) 0.00

Settings

Lamp: 1.52 V

Bias: 80 V

Cooler: 1.65 V

Chopper: 542 Hz

Voltages (V)

Flow: 1.05 V

Detector: -0.054 V

LINEARITY CHECK

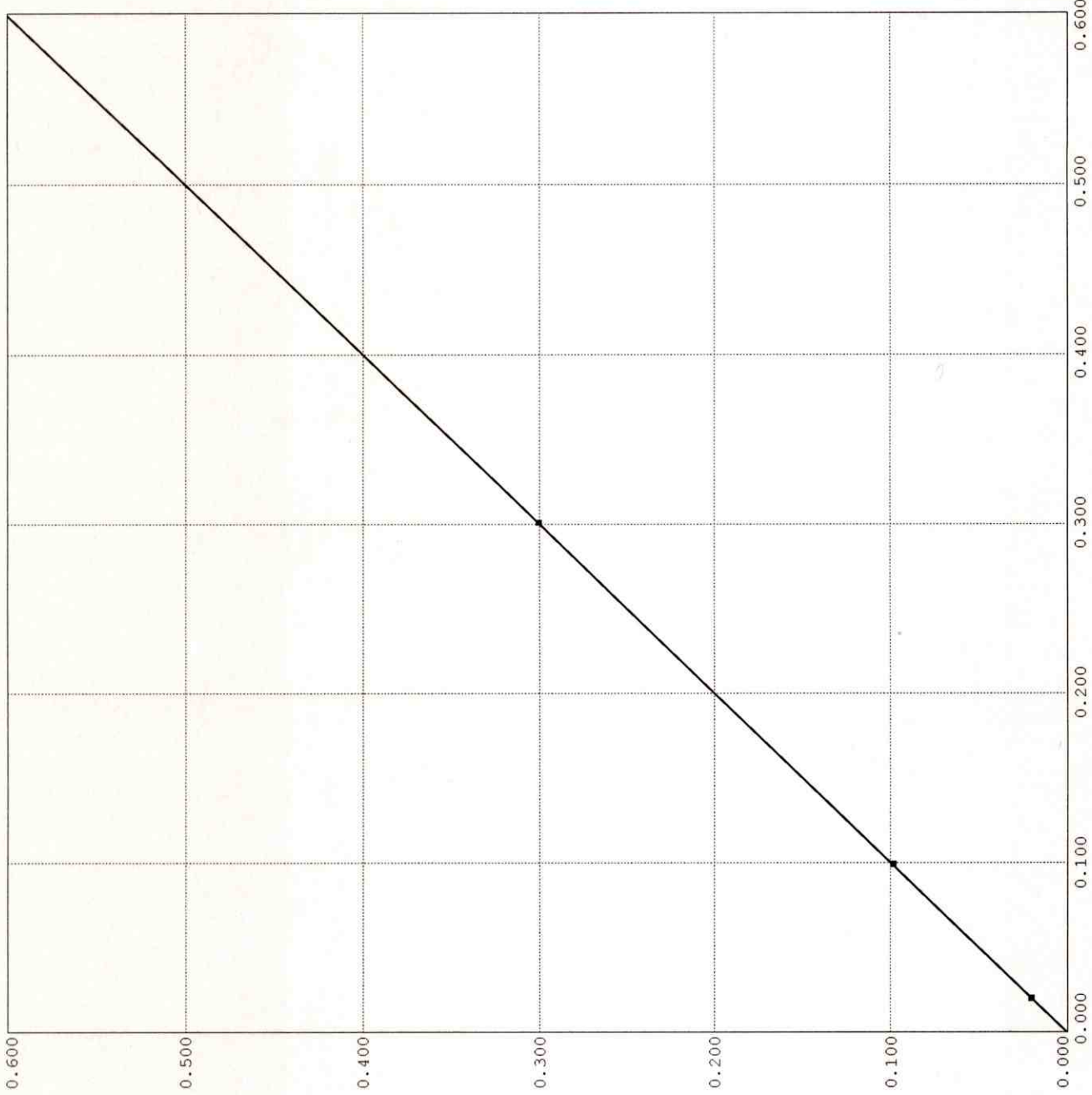
Alaska Department of Public Safety
DATAMASTER dmt: 100375

Date: 02/17/2022
Time: 08:37:07

SUPERVISOR NAME:
CARLIE GLAISTER
OPERATOR'S #: 10436

TARGET	AVERAGE	STD. DEV.
0.020	0.0210	0.0000
0.099	0.0994	0.0005
0.300	0.3012	0.0004

SLOPE = 1.001355
R² = 0.999994



OKG

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100375

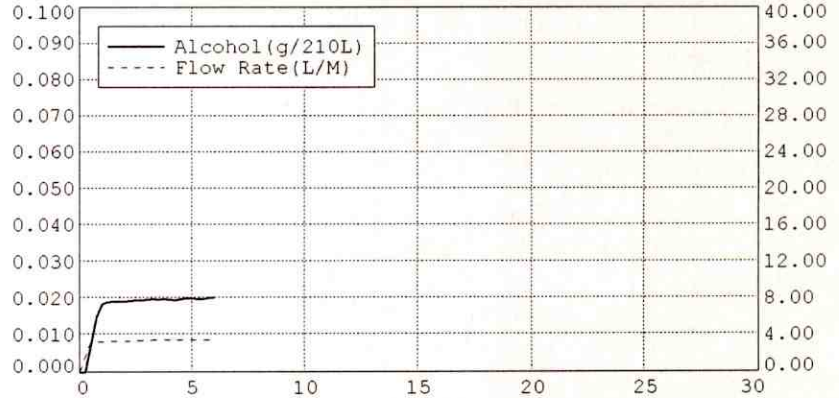
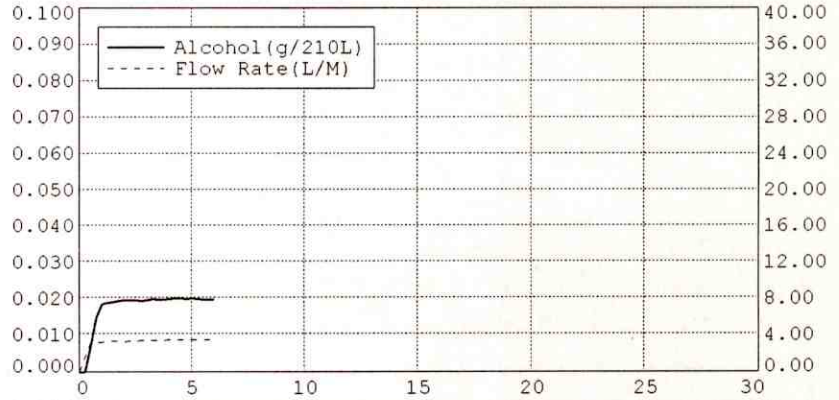
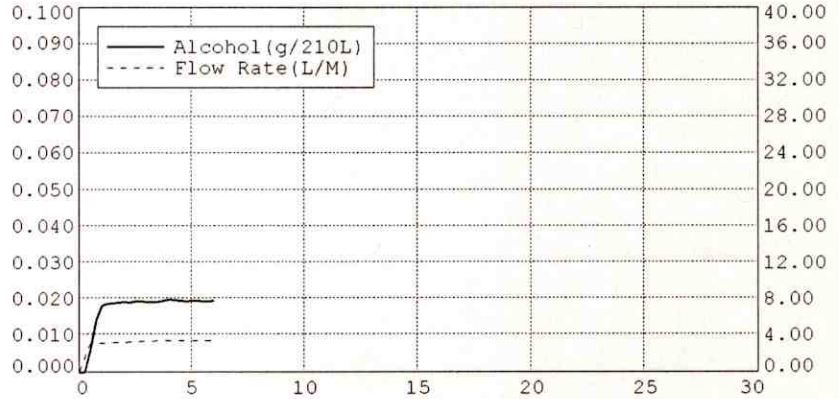
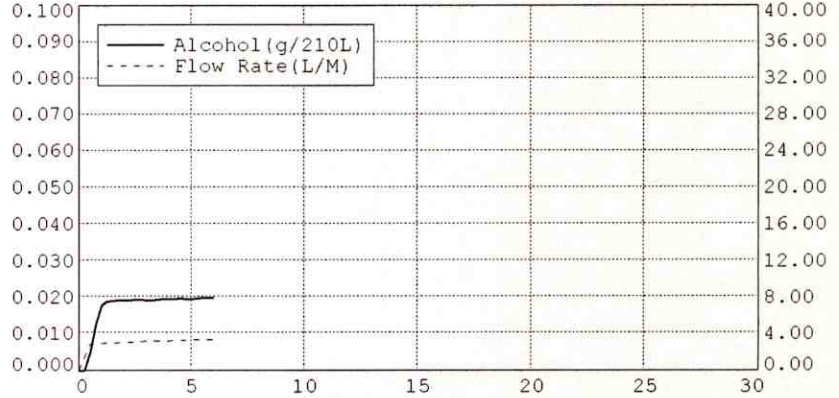
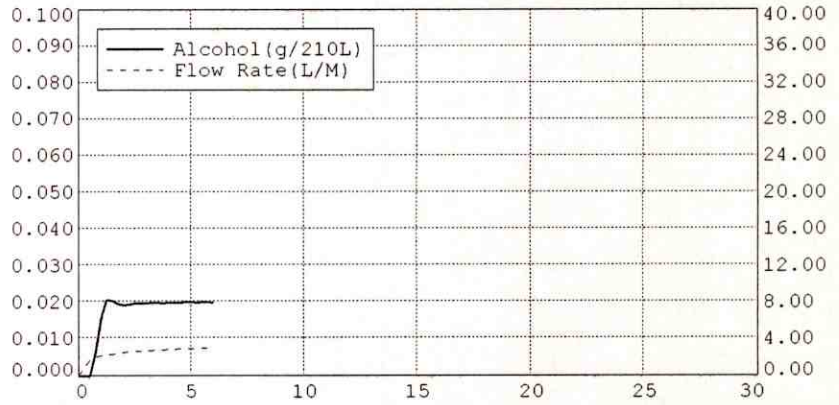
Date: 02/17/2022
Time: 08:37:09

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
TARGET AT 29.69: 0.020
LOT #: AG100401
EXPIRATION: 01/04/2023
TANK PRESSURE: 685 psi

BLANK TEST	0.000	08:39
INTERNAL STANDARD	VERIFIED	08:39
EXTERNAL STANDARD	0.021	08:39
BLANK TEST	0.000	08:40
EXTERNAL STANDARD	0.021	08:40
BLANK TEST	0.000	08:41
EXTERNAL STANDARD	0.021	08:41
BLANK TEST	0.000	08:42
EXTERNAL STANDARD	0.021	08:42
BLANK TEST	0.000	08:43
EXTERNAL STANDARD	0.021	08:43
BLANK TEST	0.000	08:44

Average = 0.0210
Std Dev = 0.0000



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety
DATAMASTER dmt: 100375

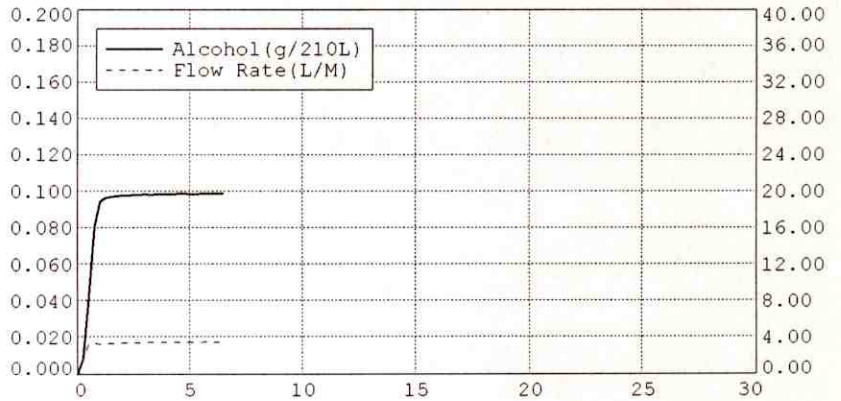
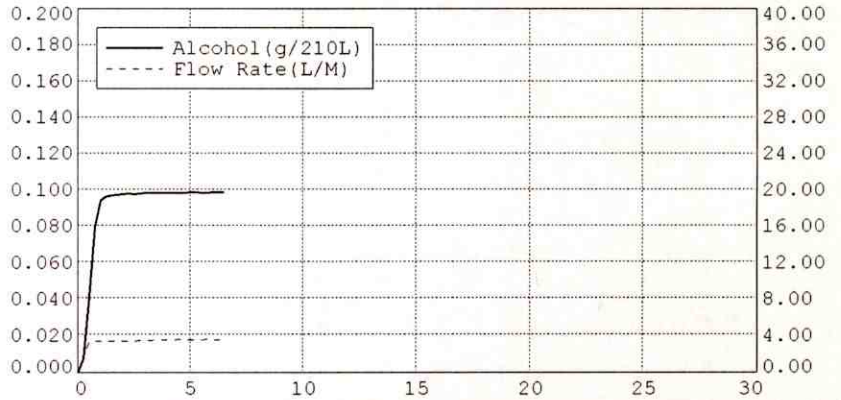
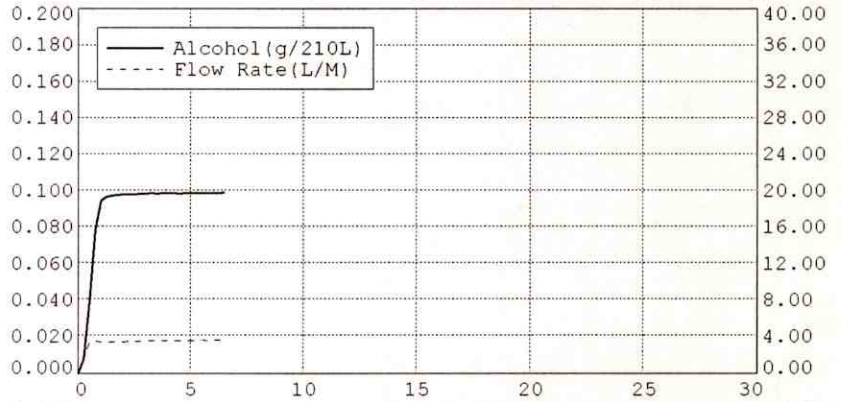
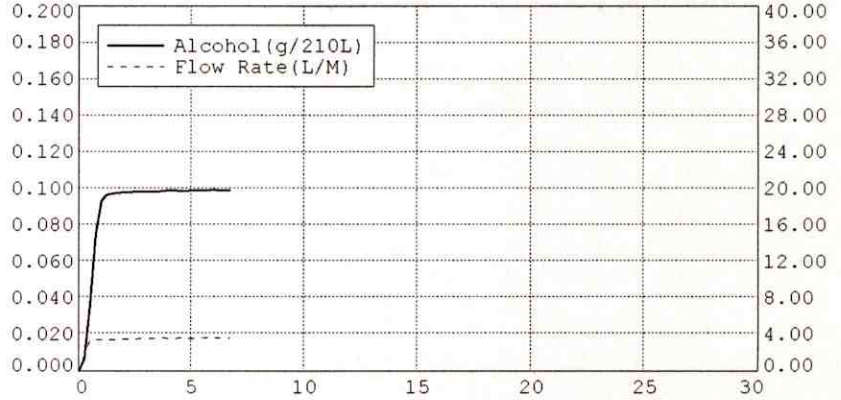
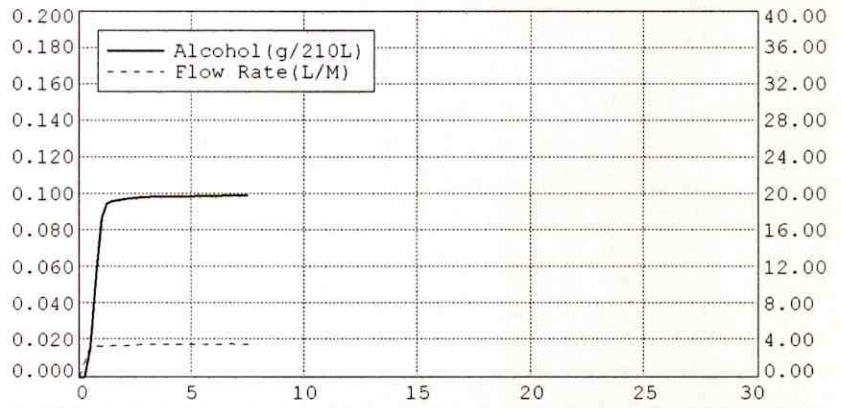
Date: 02/17/2022
Time: 08:45:35

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.100
TARGET AT 29.69: 0.099
LOT #: AG108404
EXPIRATION: 03/25/2023
TANK PRESSURE: 691 psi

BLANK TEST	0.000	08:46
INTERNAL STANDARD	VERIFIED	08:47
EXTERNAL STANDARD	0.100	08:47
BLANK TEST	0.000	08:48
EXTERNAL STANDARD	0.100	08:48
BLANK TEST	0.000	08:49
EXTERNAL STANDARD	0.099	08:49
BLANK TEST	0.000	08:50
EXTERNAL STANDARD	0.099	08:50
BLANK TEST	0.000	08:51
EXTERNAL STANDARD	0.099	08:51
BLANK TEST	0.000	08:52

Average = 0.0994
Std Dev = 0.0005



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety
DATAMASTER dmt: 100375

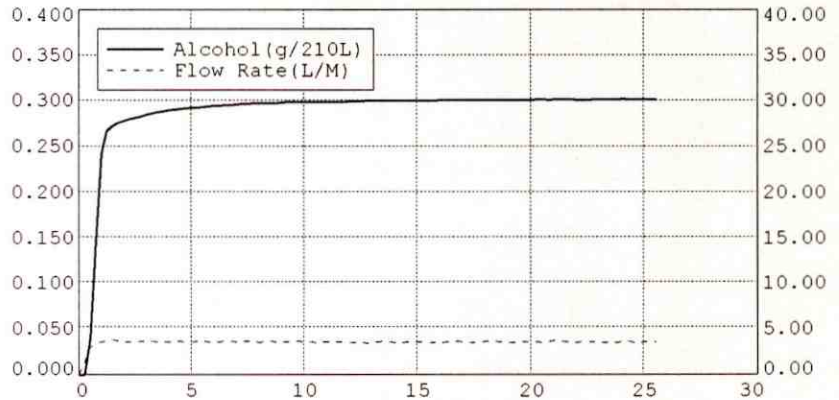
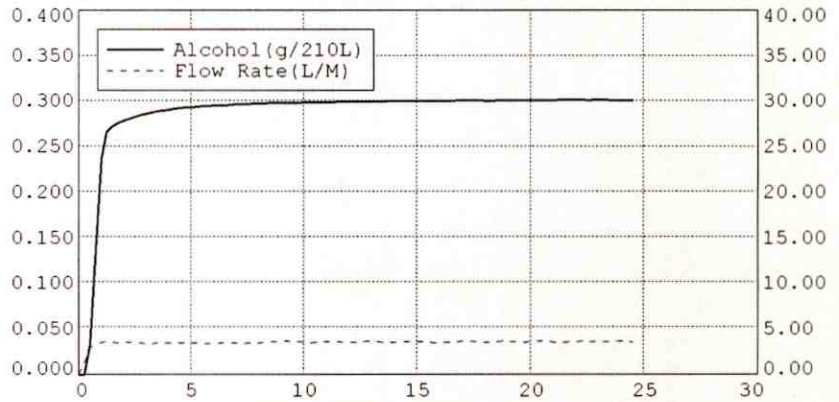
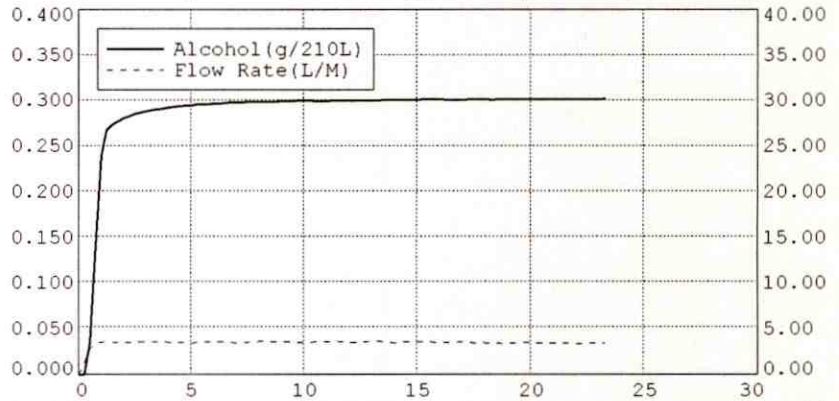
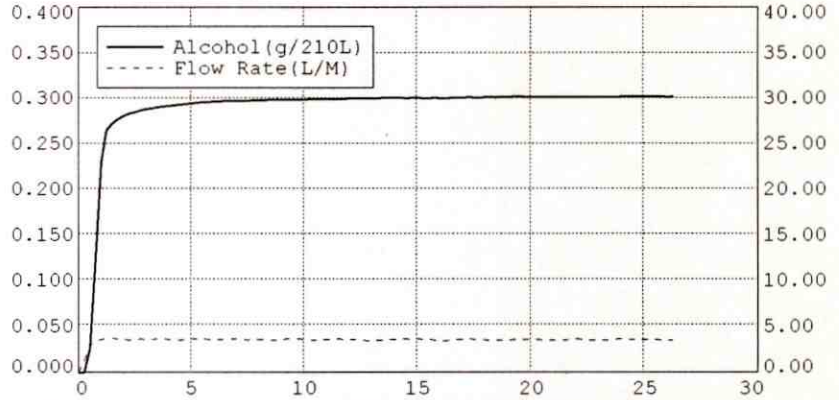
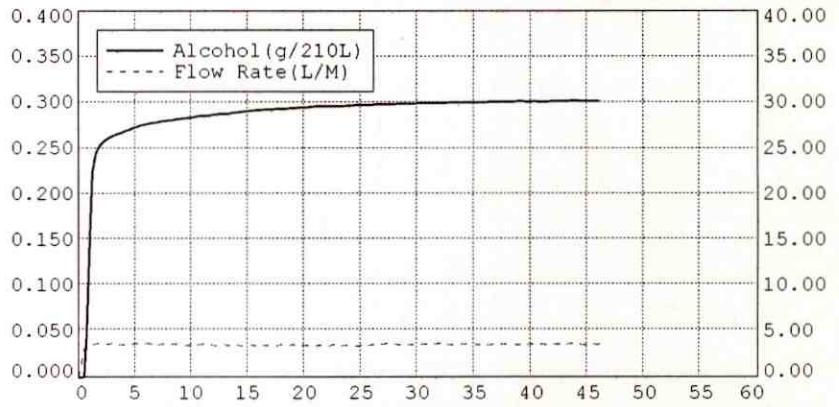
Date: 02/17/2022
Time: 09:16:40

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.300
LOT #: 21030
EXPIRATION: 02/02/2023

BLANK TEST	0.000	09:18
INTERNAL STANDARD	VERIFIED	09:18
EXTERNAL STANDARD	0.301	09:19
BLANK TEST	0.000	09:20
EXTERNAL STANDARD	0.301	09:21
BLANK TEST	0.000	09:22
EXTERNAL STANDARD	0.302	09:22
BLANK TEST	0.000	09:23
EXTERNAL STANDARD	0.301	09:24
BLANK TEST	0.000	09:25
EXTERNAL STANDARD	0.301	09:25
BLANK TEST	0.000	09:26

Average = 0.3012
Std Dev = 0.0004

Simulator S/N: SD1202
Calibrated: 06/15/2021
OK 2/17/2022



DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 02/17/2022
Time: 08:16:15

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 = 1.66 V PASSED
(1.00 V - 2.32 V)
Cooler Voltage = 1.65 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 = 29.7 in

PUMP INFO

Flow Rate = 4.512 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 = 0.085 1.03% (0.00% - 4.00%) PASSED

Technician Screen

DATAMASTER dmt: 100399

Date: 02/17/2022
Time: 8:25 AM

Temperatures (°C)

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

Current Barometer 29.7 in
Volume (Ltr) 0.00

Settings

Lamp: 1.66 V
Bias: 81 V
Cooler: 1.70 V
Chopper: 524 Hz

Voltages (V)

Flow: 1.06 V
Detector: -0.012 V

LINEARITY CHECK

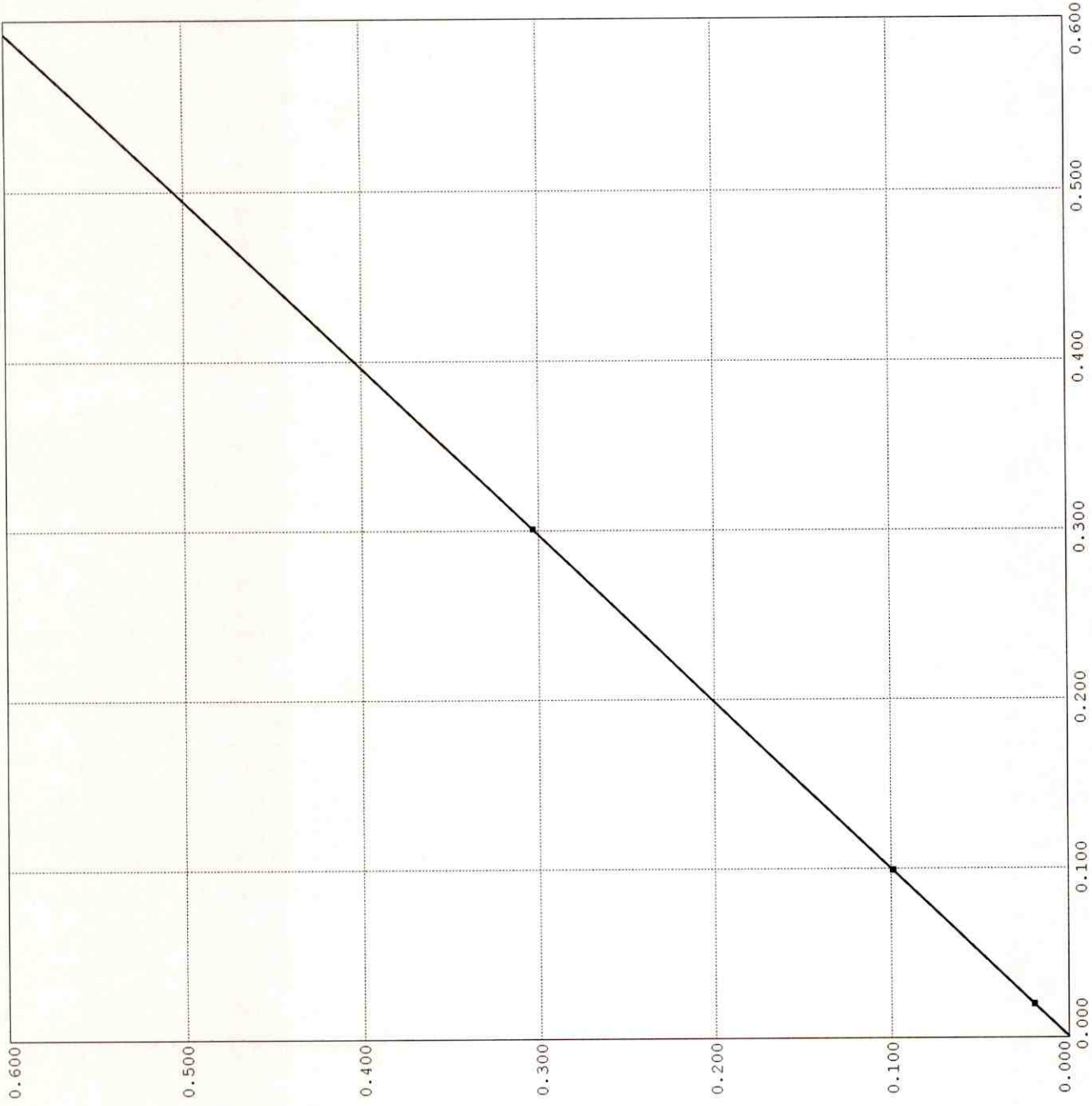
Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 02/17/2022
Time: 08:38:20

SUPERVISOR NAME:
CARLIE GLAISTER
OPERATOR'S #: 10436

TARGET	AVERAGE	STD. DEV.
0.020	0.0200	0.0000
0.099	0.1000	0.0000
0.300	0.3040	0.0007

SLOPE = 1.014411
R² = 1.000000



CKA

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
 DATAMASTER dmt: 100399

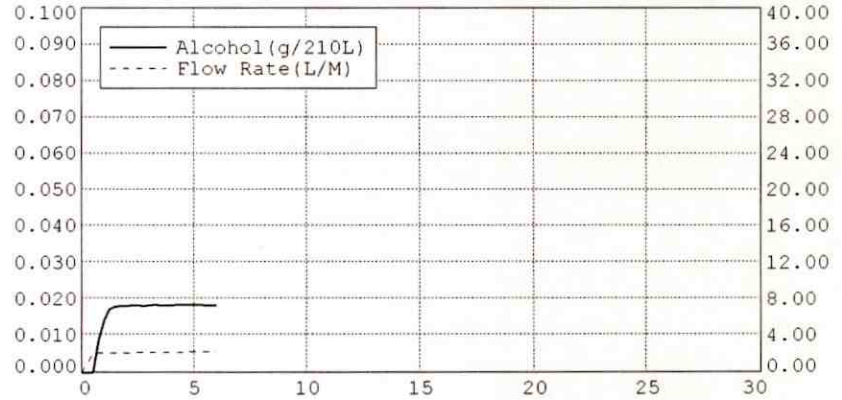
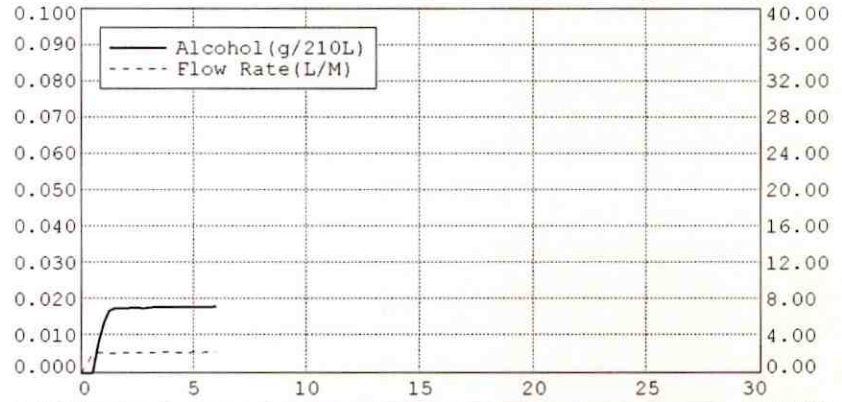
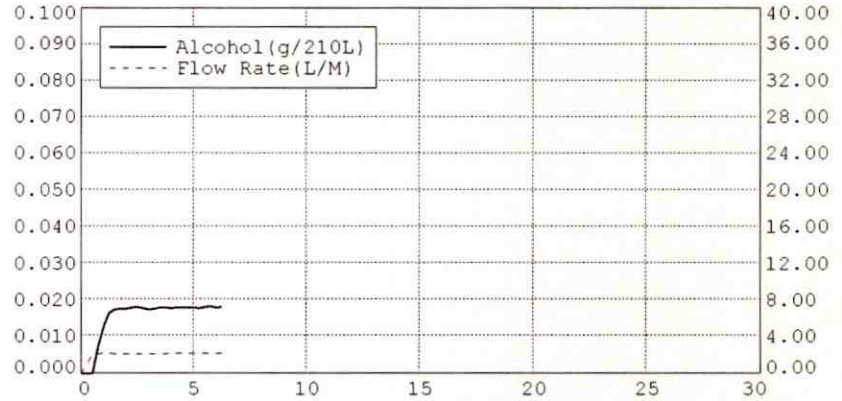
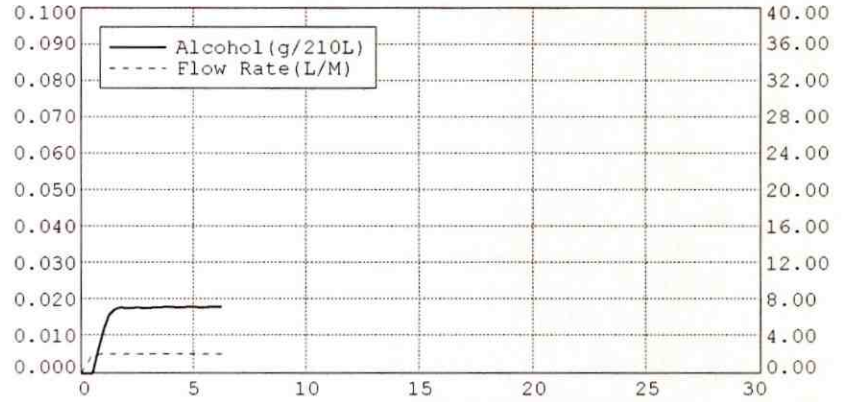
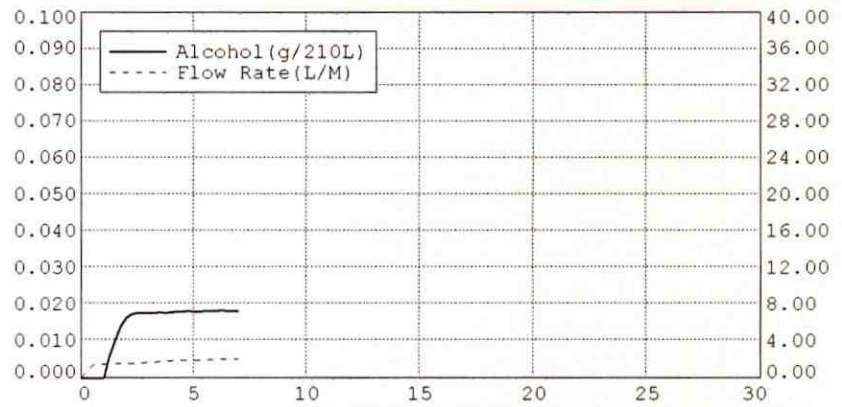
Date: 02/17/2022
 Time: 08:38:22

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
 TARGET AT 29.70: 0.020
 LOT #: AG100401
 EXPIRATION: 01/04/2023
 TANK PRESSURE: 661 psi

BLANK TEST	0.000	08:44
INTERNAL STANDARD	VERIFIED	08:44
EXTERNAL STANDARD	0.020	08:44
BLANK TEST	0.000	08:45
EXTERNAL STANDARD	0.020	08:45
BLANK TEST	0.000	08:46
EXTERNAL STANDARD	0.020	08:46
BLANK TEST	0.000	08:47
EXTERNAL STANDARD	0.020	08:47
BLANK TEST	0.000	08:48
EXTERNAL STANDARD	0.020	08:48
BLANK TEST	0.000	08:49

Average = 0.0200
 Std Dev = 0.0000



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety
 DATAMASTER dmt: 100399

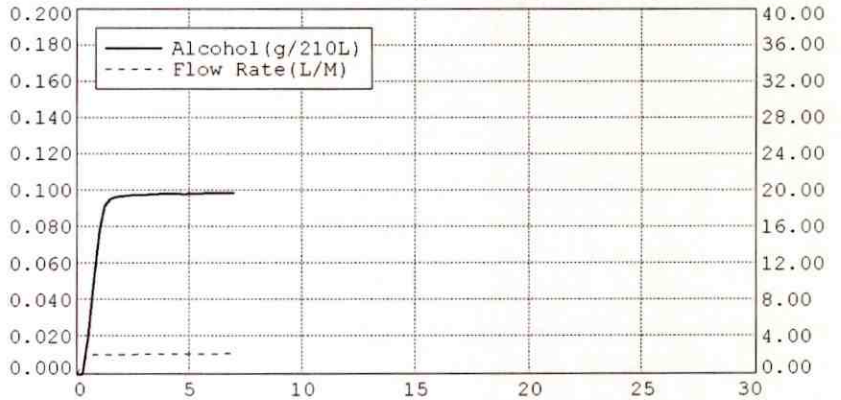
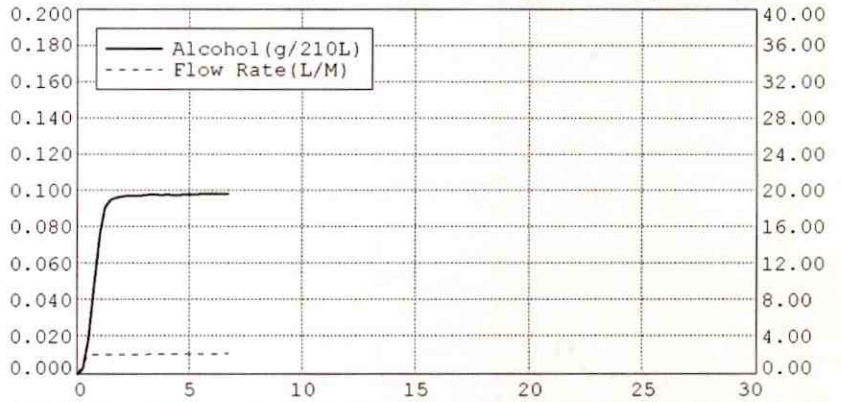
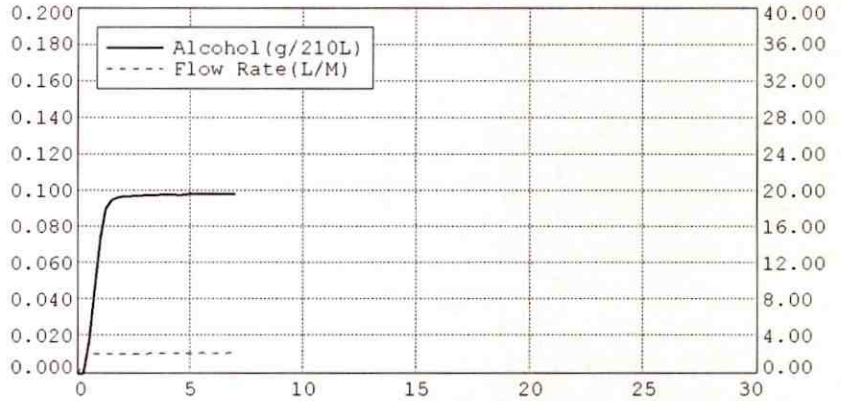
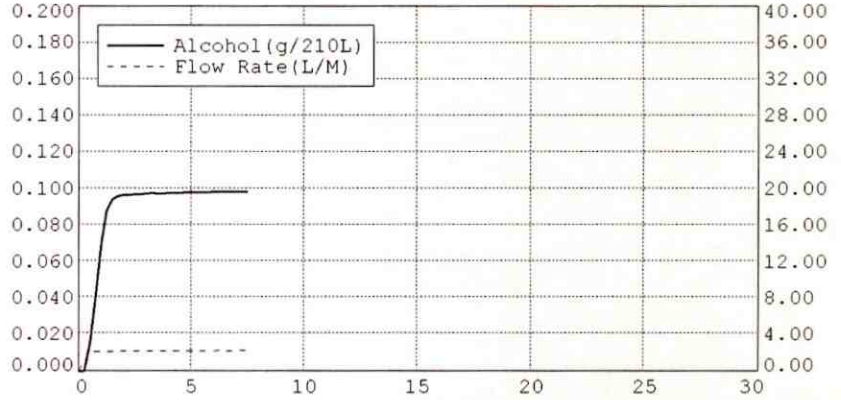
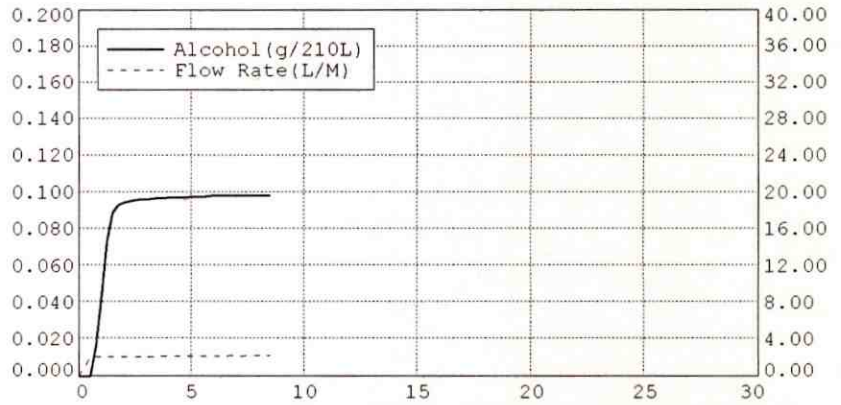
Date: 02/17/2022
 Time: 08:52:08

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.100
 TARGET AT 29.71: 0.099
 LOT #: AG108404
 EXPIRATION: 03/25/2023
 TANK PRESSURE: 593 psi

BLANK TEST	0.000	08:53
INTERNAL STANDARD	VERIFIED	08:54
EXTERNAL STANDARD	0.100	08:54
BLANK TEST	0.000	08:55
EXTERNAL STANDARD	0.100	08:55
BLANK TEST	0.000	08:56
EXTERNAL STANDARD	0.100	08:56
BLANK TEST	0.000	08:57
EXTERNAL STANDARD	0.100	08:57
BLANK TEST	0.000	08:58
EXTERNAL STANDARD	0.100	08:58
BLANK TEST	0.000	08:59

Average = 0.1000
 Std Dev = 0.0000



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety
 DATAMASTER dmt: 100399

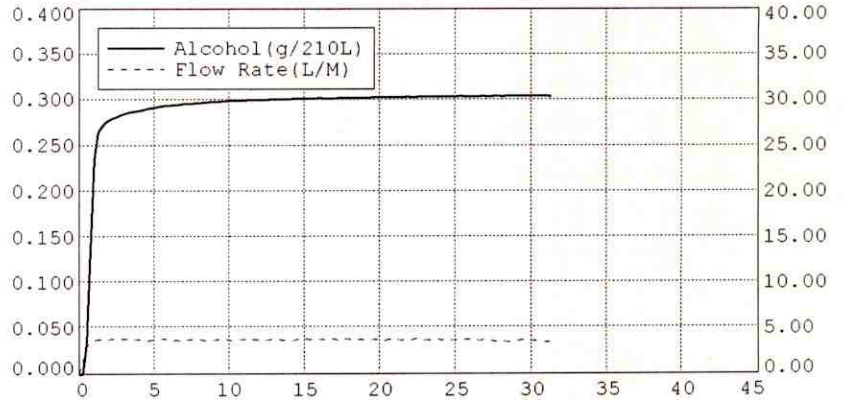
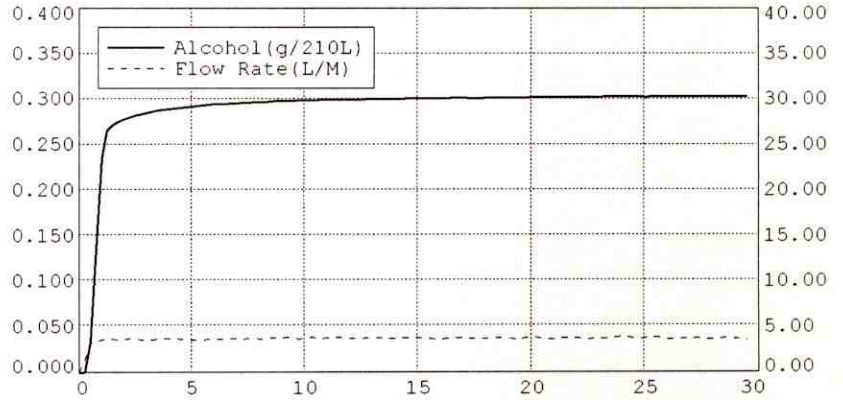
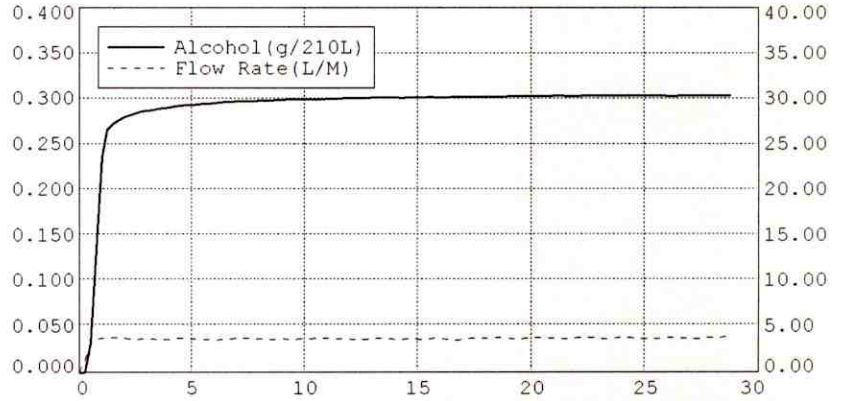
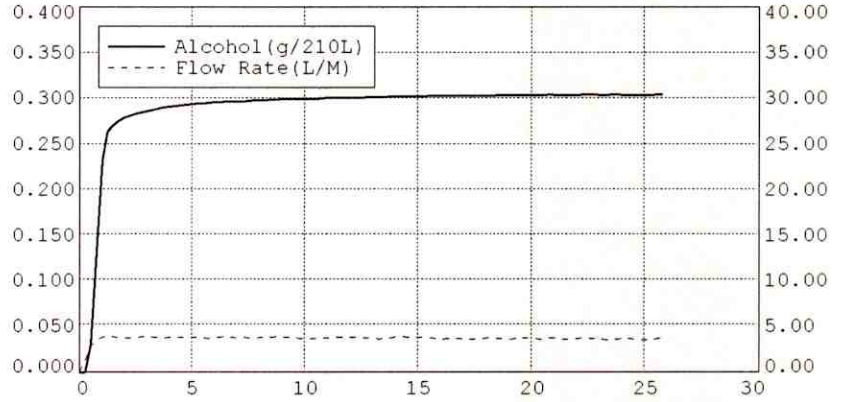
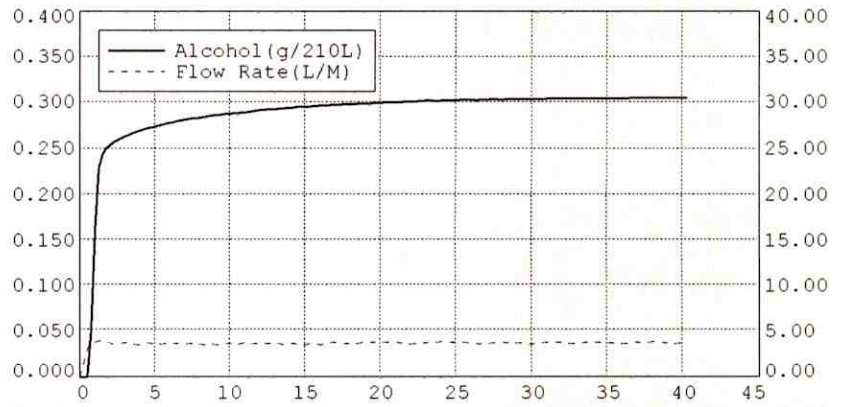
Date: 02/17/2022
 Time: 09:29:21

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.300
 LOT #: 21030
 EXPIRATION: 02/02/2023

BLANK TEST	0.000	09:30
INTERNAL STANDARD	VERIFIED	09:30
EXTERNAL STANDARD	0.305	09:31
BLANK TEST	0.000	09:32
EXTERNAL STANDARD	0.304	09:32
BLANK TEST	0.000	09:33
EXTERNAL STANDARD	0.304	09:34
BLANK TEST	0.000	09:35
EXTERNAL STANDARD	0.303	09:35
BLANK TEST	0.000	09:36
EXTERNAL STANDARD	0.304	09:37
BLANK TEST	0.000	09:38

Average = 0.3040
 Std Dev = 0.0007

*Simulator S/N: SD1202
 Calibrated: 06/15/2021
 MG 2/17/2022*



DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100405

Date: 02/17/2022
Time: 08:16:45

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

TEMPERATURES

Sample Chamber = 48.7°C PASSED
(44.0°C - 52.0°C)
Breath Tube = 48.0°C PASSED
(38.0°C - 50.0°C)

SETTINGS

Lamp Voltage = 1.75 V PASSED
(1.01 V - 2.37 V)
Cooler Voltage = 1.74 V PASSED
(1.01 V - 2.37 V)
Bias Voltage = 81 V PASSED
(49 V - 113 V)
Chopper Freq = 525 Hz PASSED
(475 Hz - 575 Hz)
Barometer = 29.7 in

PUMP INFO

Flow Rate = 5.101 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
(0.003 V <= 0.010 V)

FILTER INFO

Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD

Xq = 0.089 0.89% (0.00% - 4.00%) PASSED

Technician Screen

DATAMASTER dmt: 100405

Date: 02/17/2022
Time: 8:25 AM

Temperatures (°C)

Sample Cell: 49.0°C
Breath Tube: 47.8°C

Current Barometer 29.7 in
Volume (Ltr) 0.00

Settings

Lamp: 1.74 V
Bias: 81 V
Cooler: 1.74 V
Chopper: 523 Hz

Voltages (V)

Flow: 1.05 V
Detector: -0.001 V

LINEARITY CHECK

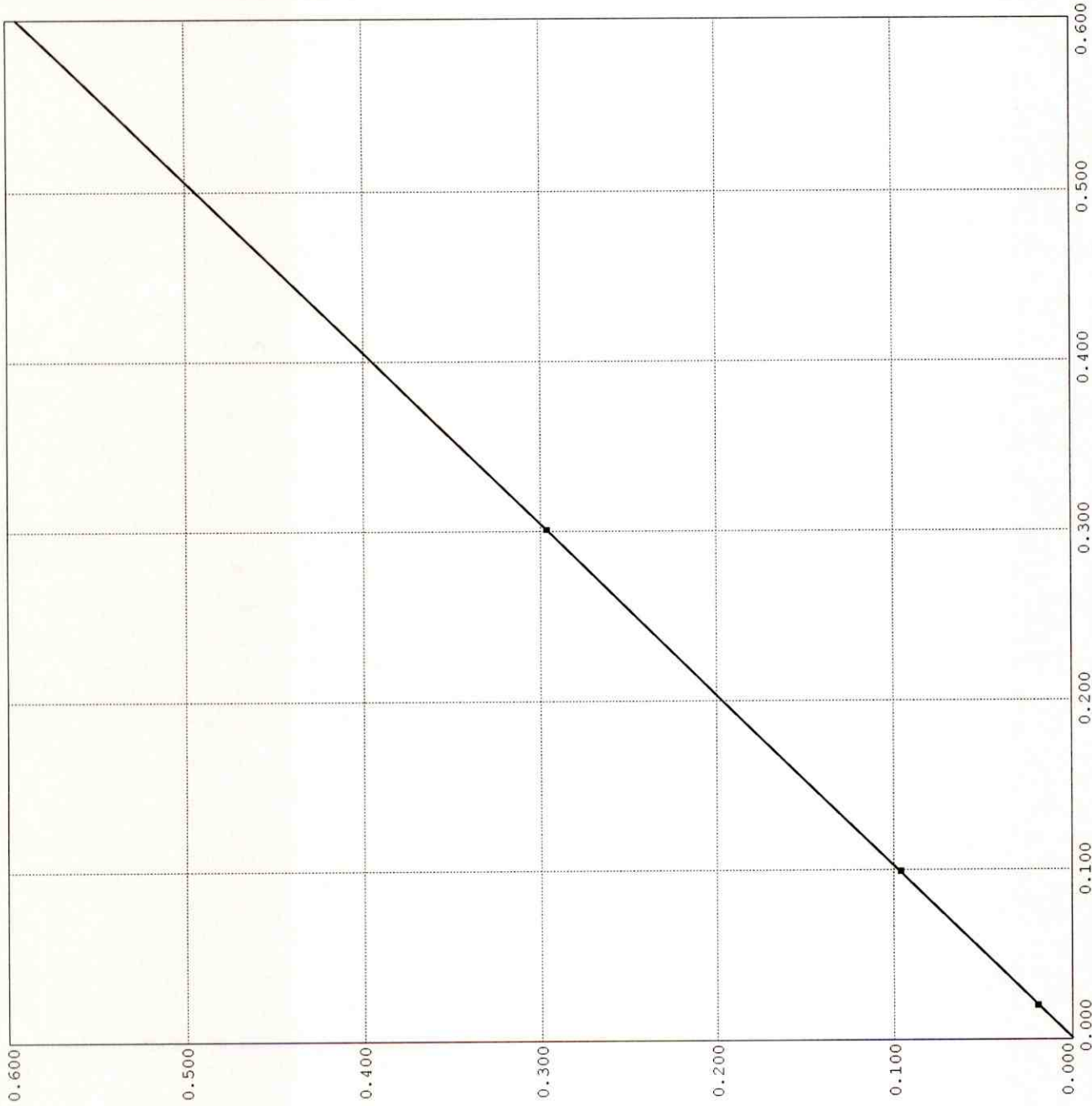
Alaska Department of Public Safety
DATAMASTER dmt: 100405

Date: 02/17/2022
Time: 08:28:53

SUPERVISOR NAME:
CARLIE GLAISTER
OPERATOR'S #: 10436

TARGET	AVERAGE	STD. DEV.
0.020	0.0198	0.0004
0.099	0.0970	0.0000
0.300	0.2972	0.0011

SLOPE = 0.991755
R² = 0.999983



CKG

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100405

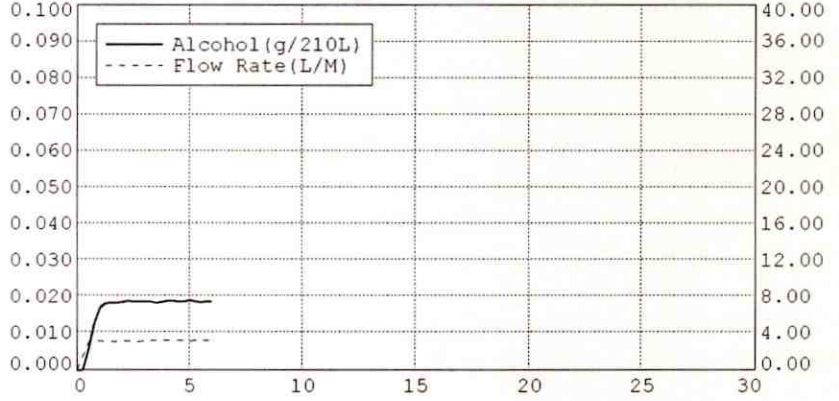
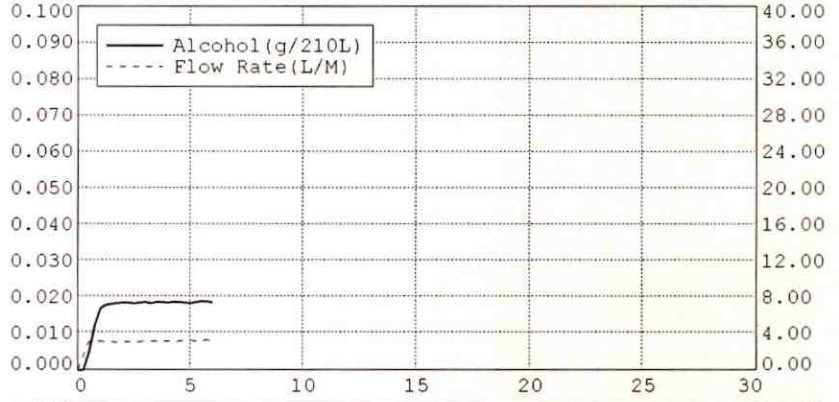
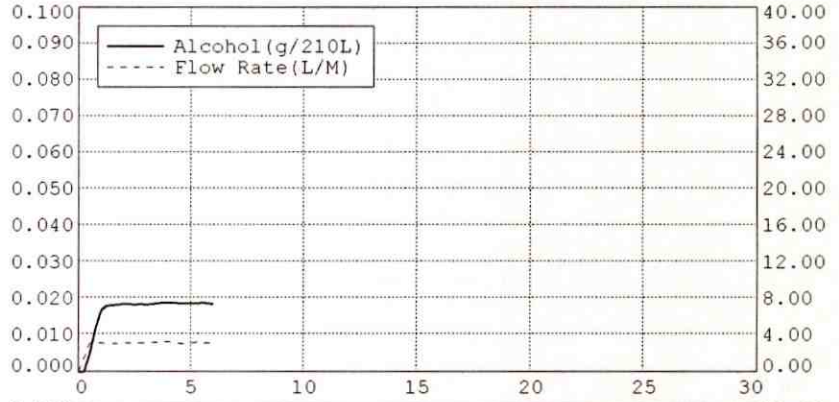
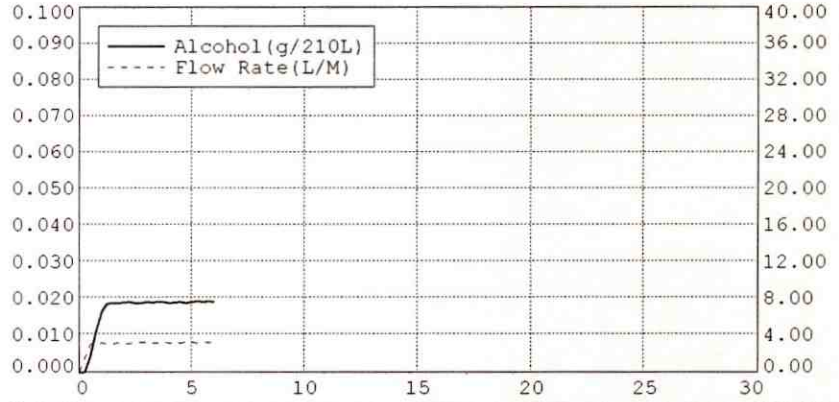
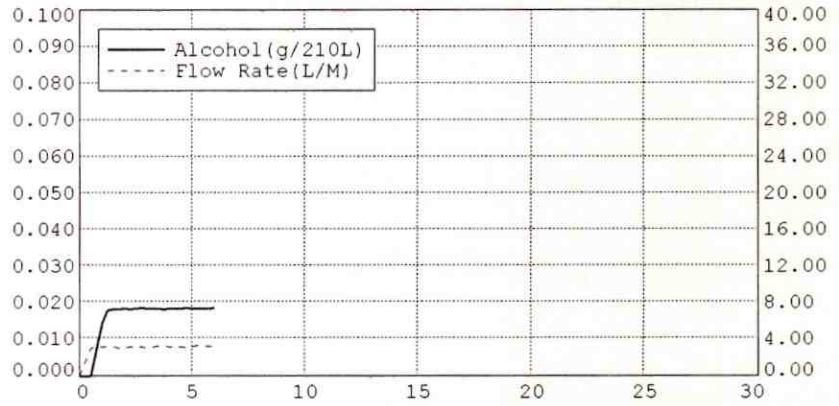
Date: 02/17/2022
Time: 08:28:55

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
TARGET AT 29.68: 0.020
LOT #: AG100401
EXPIRATION: 01/04/2023
TANK PRESSURE: 1010 psi

BLANK TEST	0.000	08:30
INTERNAL STANDARD	VERIFIED	08:30
EXTERNAL STANDARD	0.019	08:31
BLANK TEST	0.000	08:32
EXTERNAL STANDARD	0.020	08:32
BLANK TEST	0.000	08:33
EXTERNAL STANDARD	0.020	08:33
BLANK TEST	0.000	08:34
EXTERNAL STANDARD	0.020	08:34
BLANK TEST	0.000	08:35
EXTERNAL STANDARD	0.020	08:35
BLANK TEST	0.000	08:36

Average = 0.0198
Std Dev = 0.0004



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety
 DATAMASTER dmt: 100405

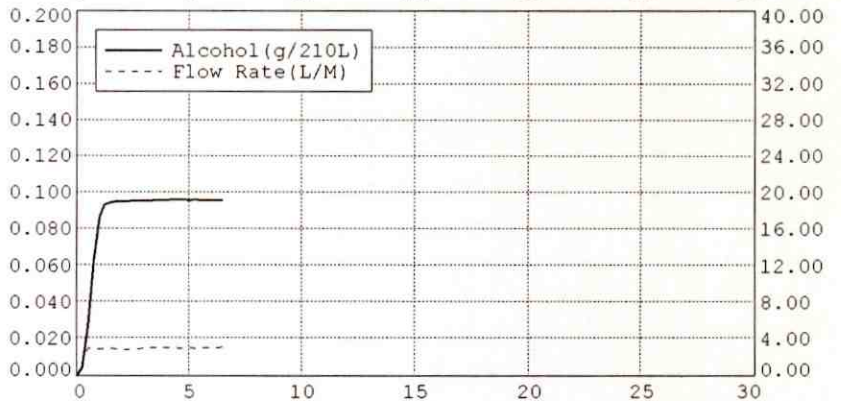
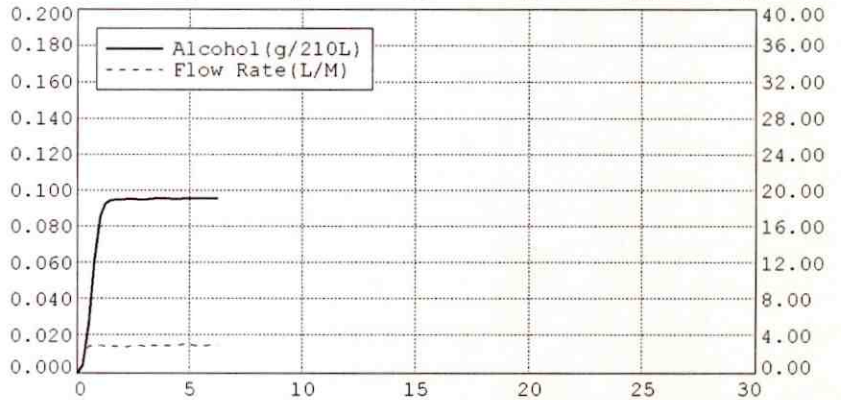
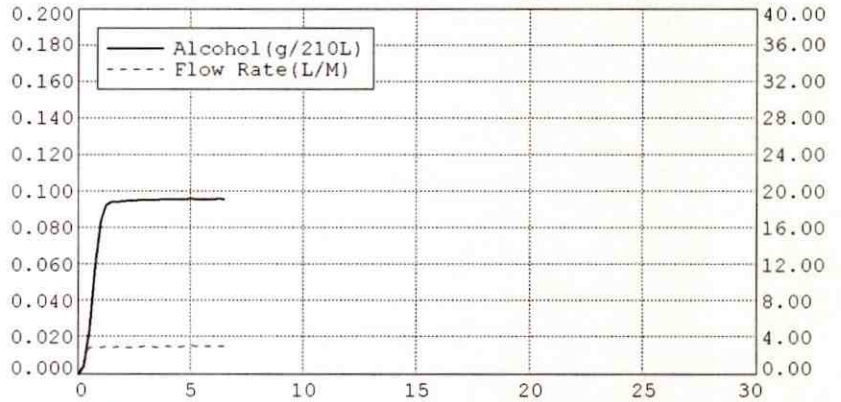
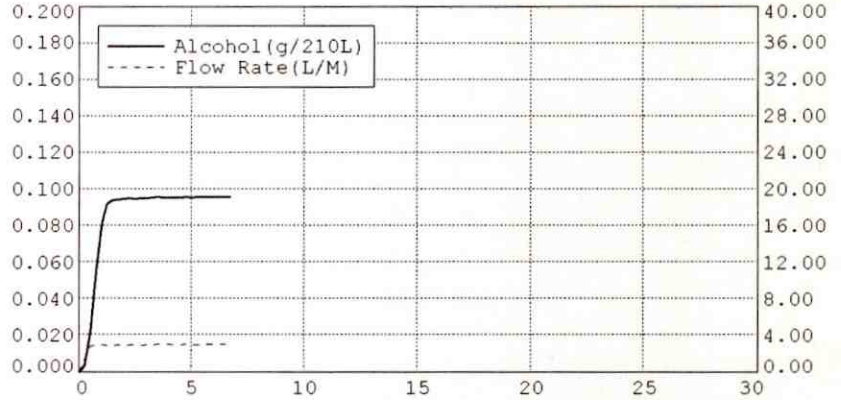
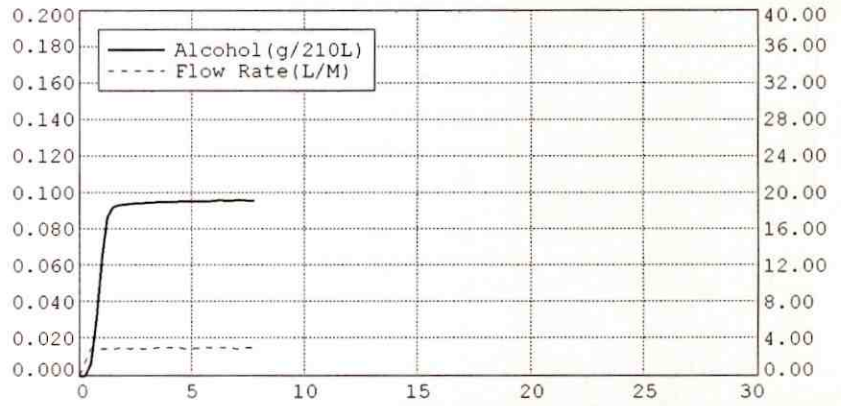
Date: 02/17/2022
 Time: 08:37:28

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.100
 TARGET AT 29.69: 0.099
 LOT #: AG108404
 EXPIRATION: 03/25/2023
 TANK PRESSURE: 601 psi

BLANK TEST	0.000	08:39
INTERNAL STANDARD	VERIFIED	08:39
EXTERNAL STANDARD	0.097	08:39
BLANK TEST	0.000	08:40
EXTERNAL STANDARD	0.097	08:40
BLANK TEST	0.000	08:41
EXTERNAL STANDARD	0.097	08:41
BLANK TEST	0.000	08:42
EXTERNAL STANDARD	0.097	08:42
BLANK TEST	0.000	08:43
EXTERNAL STANDARD	0.097	08:43
BLANK TEST	0.000	08:44

Average = 0.0970
 Std Dev = 0.0000



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety
 DATAMASTER dmt: 100405

Date: 02/17/2022
 Time: 09:19:25

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.300
 LOT #: 21030
 EXPIRATION: 02/02/2023

BLANK TEST	0.000	09:20
INTERNAL STANDARD	VERIFIED	09:21
EXTERNAL STANDARD	0.299	09:21
BLANK TEST	0.000	09:22
EXTERNAL STANDARD	0.297	09:23
BLANK TEST	0.000	09:24
EXTERNAL STANDARD	0.297	09:24
BLANK TEST	0.000	09:25
EXTERNAL STANDARD	0.296	09:26
BLANK TEST	0.000	09:27
EXTERNAL STANDARD	0.297	09:27
BLANK TEST	0.000	09:28

Average = 0.2972
 Std Dev = 0.0011

Simulator S/N: SD1202
 Calibrated: 06/15/2021
 OCG 2/17/2022

