



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: 5-Jun-2025

Lot # AG515610 **Model** 108

Exp Date	Cyl. Type	Component	Certified Concentration
5-Jun-2027	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

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: 06/18/2025
Time: 11:37:13

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.100
TARGET AT 29.81: 0.100
TANK PRESSURE: 1243 psi

BLANK TEST	0.000	11:38
INTERNAL STANDARD	VERIFIED	11:38
EXTERNAL STANDARD	0.099	11:38
BLANK TEST	0.000	11:39
EXTERNAL STANDARD	0.099	11:39
BLANK TEST	0.000	11:40
EXTERNAL STANDARD	0.100	11:40
BLANK TEST	0.000	11:41
EXTERNAL STANDARD	0.099	11:41
BLANK TEST	0.000	11:42
EXTERNAL STANDARD	0.100	11:43
BLANK TEST	0.000	11:43

Average = 0.0994
Std Dev = 0.0005

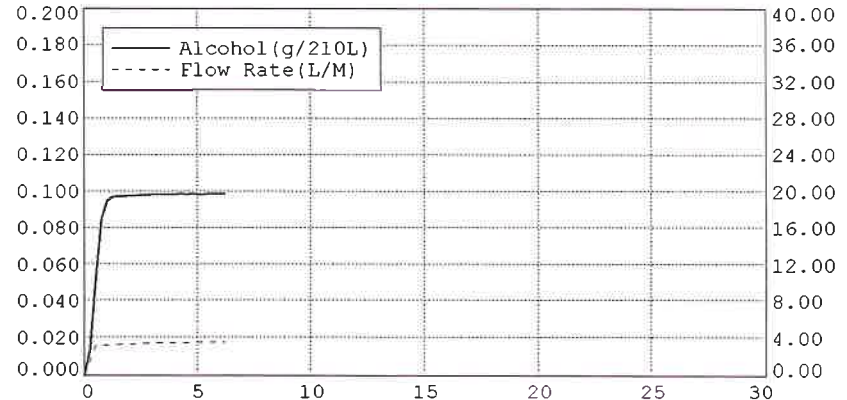
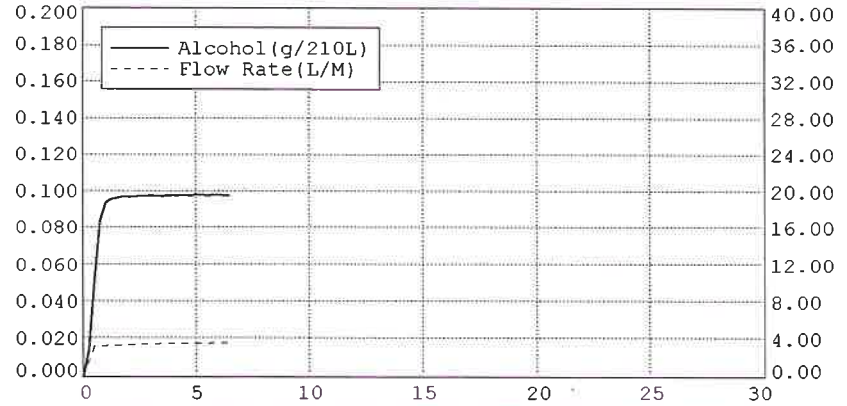
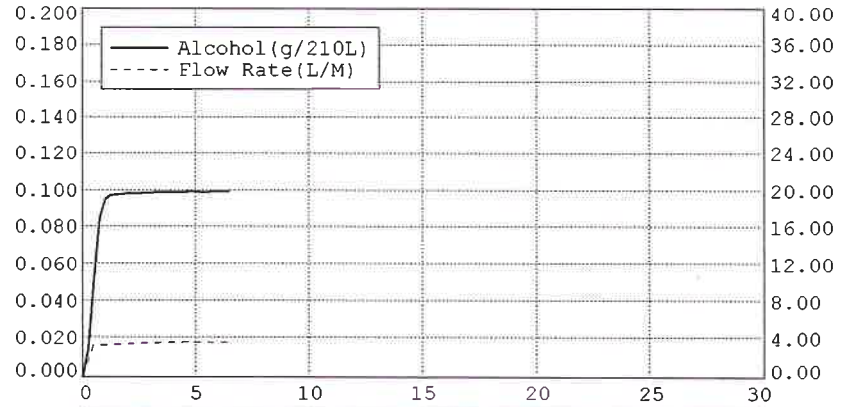
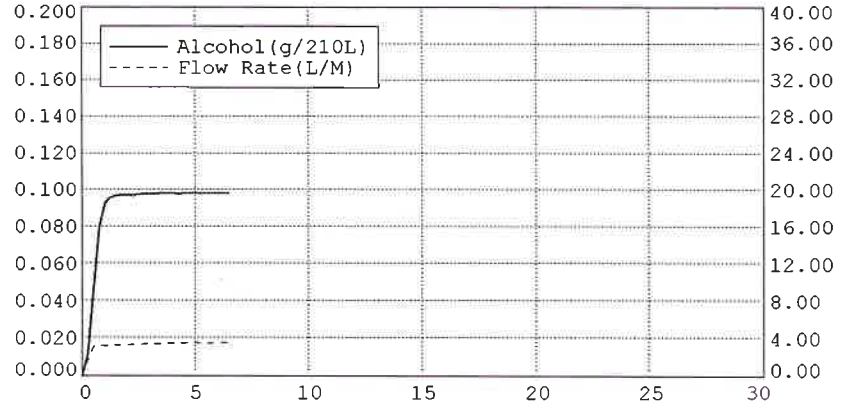
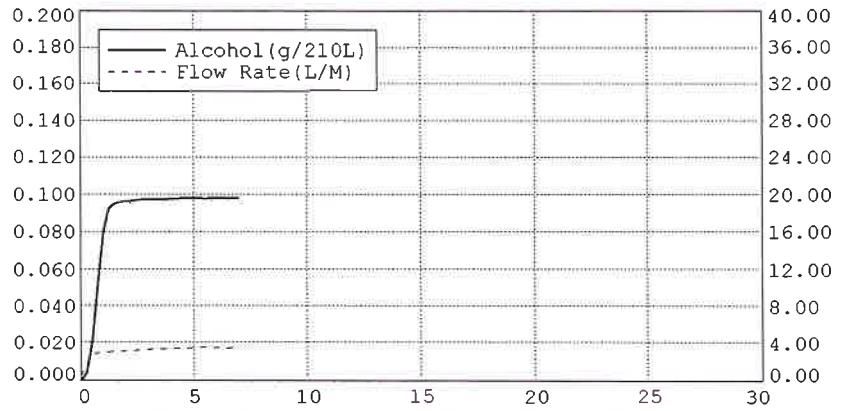
Lot AG515610

Exp 06/05/2027

Tank 001

NWC 06/18/25

Tank 001 Average: 0.099



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 06/18/2025
Time: 11:59:12

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.100
TARGET AT 29.81: 0.100
TANK PRESSURE: 1189 psi

BLANK TEST	0.000	12:00
INTERNAL STANDARD	VERIFIED	12:00
EXTERNAL STANDARD	0.099	12:00
BLANK TEST	0.000	12:01
EXTERNAL STANDARD	0.099	12:01
BLANK TEST	0.000	12:02
EXTERNAL STANDARD	0.099	12:02
BLANK TEST	0.000	12:03
EXTERNAL STANDARD	0.098	12:03
BLANK TEST	0.000	12:04
EXTERNAL STANDARD	0.099	12:05
BLANK TEST	0.000	12:05

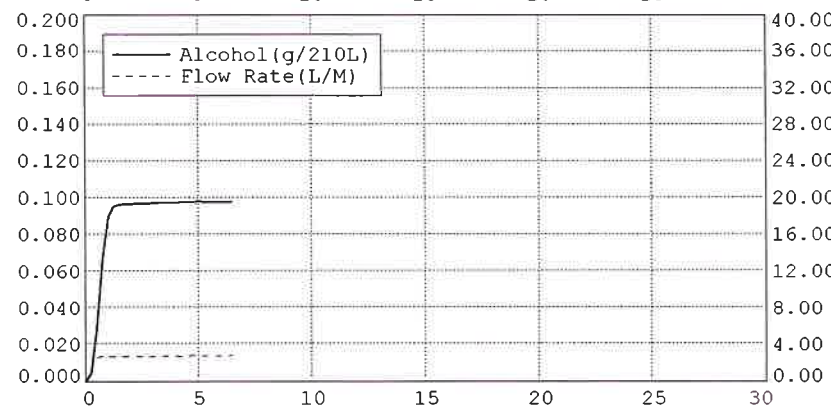
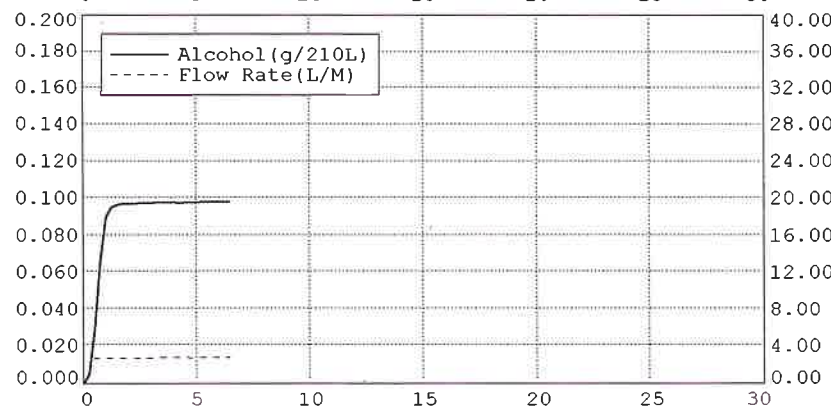
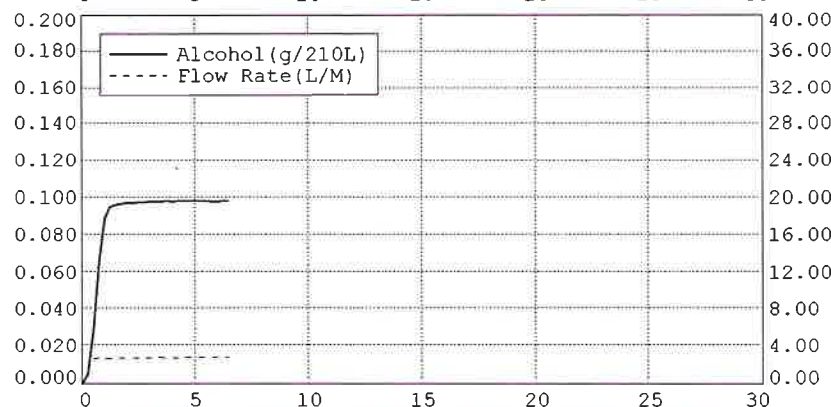
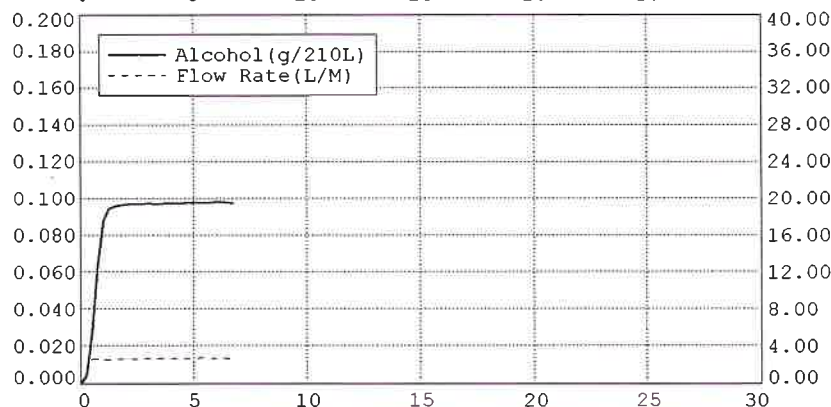
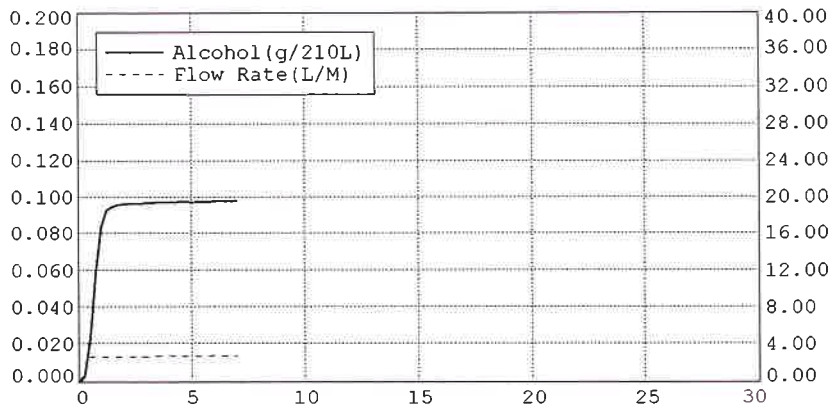
Average = 0.0988
Std Dev = 0.0004

Lot AG515610

Exp 06/05/2027

Tank 001

MNC 06/18/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 06/18/2025
Time: 11:49:44

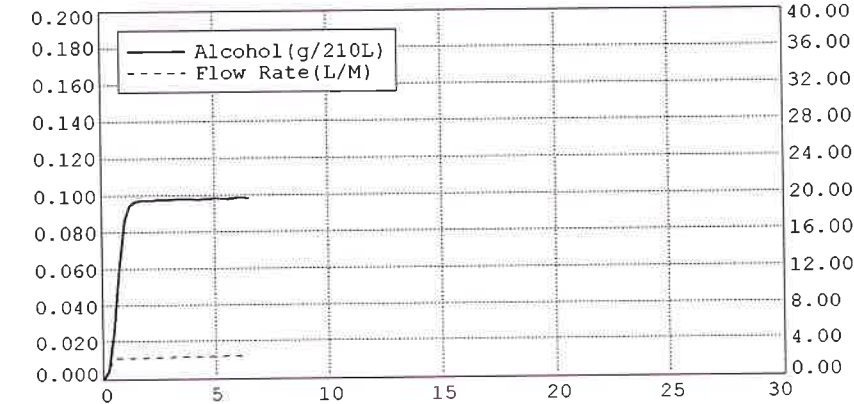
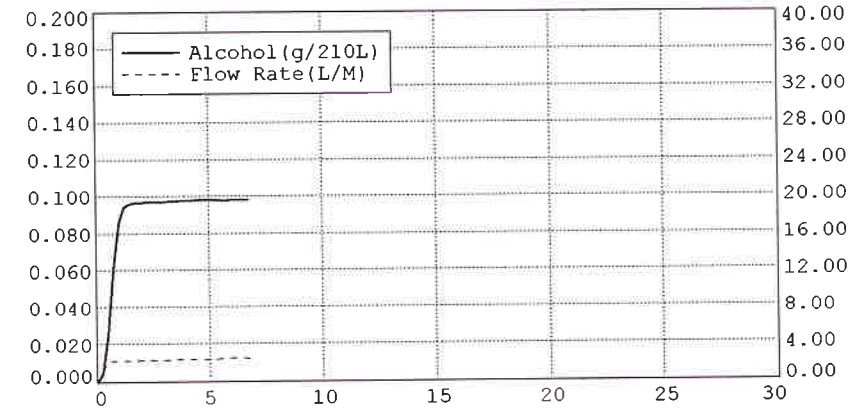
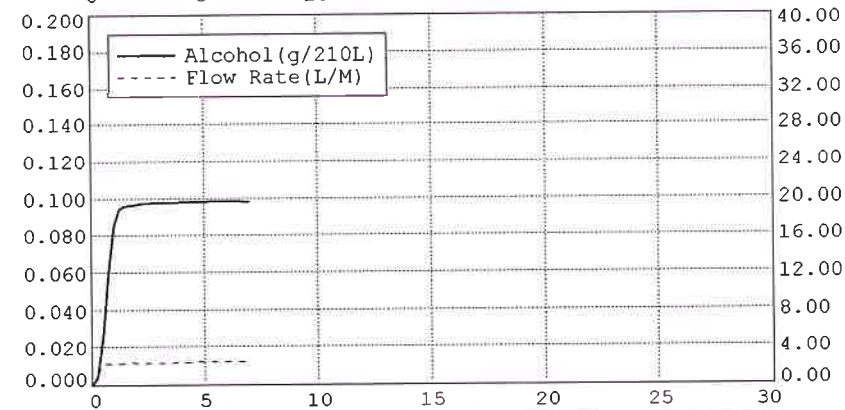
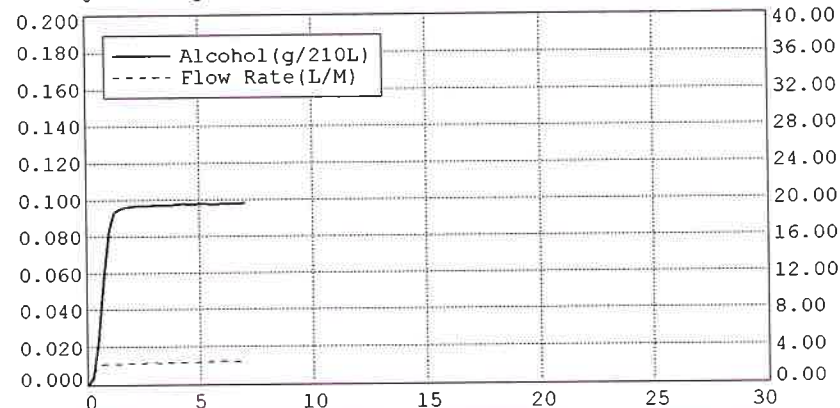
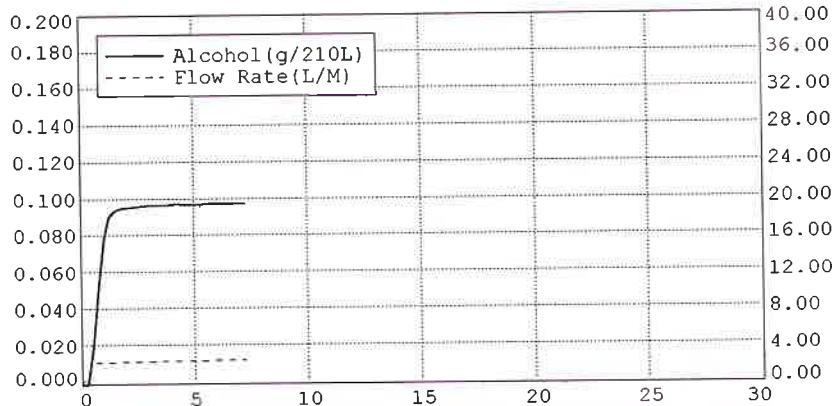
SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.100
TARGET AT 29.81: 0.100
TANK PRESSURE: 1225 psi

BLANK TEST	0.000	11:51
INTERNAL STANDARD	VERIFIED	11:51
EXTERNAL STANDARD	0.099	11:51
BLANK TEST	0.000	11:52
EXTERNAL STANDARD	0.100	11:52
BLANK TEST	0.000	11:53
EXTERNAL STANDARD	0.100	11:53
BLANK TEST	0.000	11:54
EXTERNAL STANDARD	0.099	11:54
BLANK TEST	0.000	11:55
EXTERNAL STANDARD	0.100	11:55
BLANK TEST	0.000	11:56

Average = 0.0996
Std Dev = 0.0005

Lot AG515610
Exp 06/05/2027
Tank 001
NMC 06/18/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100375

Date: 06/18/2025
Time: 11:46:06

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.100
TARGET AT 29.81: 0.100
TANK PRESSURE: 1229 psi

TEST TYPE	Value	Time
BLANK TEST	0.000	11:51
INTERNAL STANDARD	VERIFIED	11:51
EXTERNAL STANDARD	0.099	11:51
BLANK TEST	0.000	11:52
EXTERNAL STANDARD	0.099	11:52
BLANK TEST	0.000	11:53
EXTERNAL STANDARD	0.099	11:53
BLANK TEST	0.000	11:54
EXTERNAL STANDARD	0.099	11:54
BLANK TEST	0.000	11:55
EXTERNAL STANDARD	0.099	11:55
BLANK TEST	0.000	11:56

Average = 0.0990
Std Dev = 0.0000

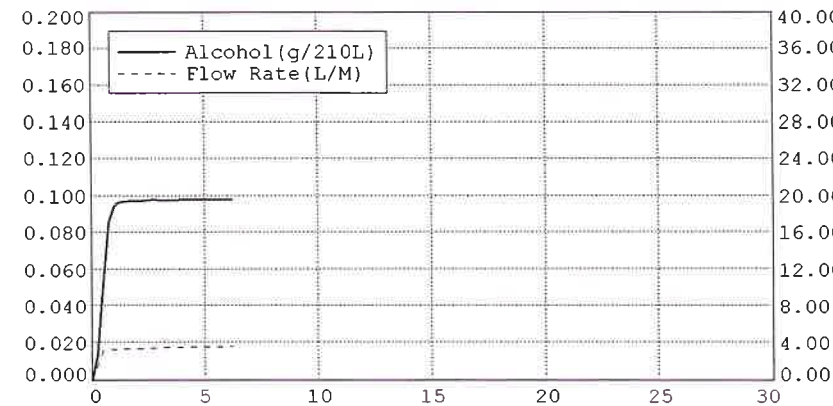
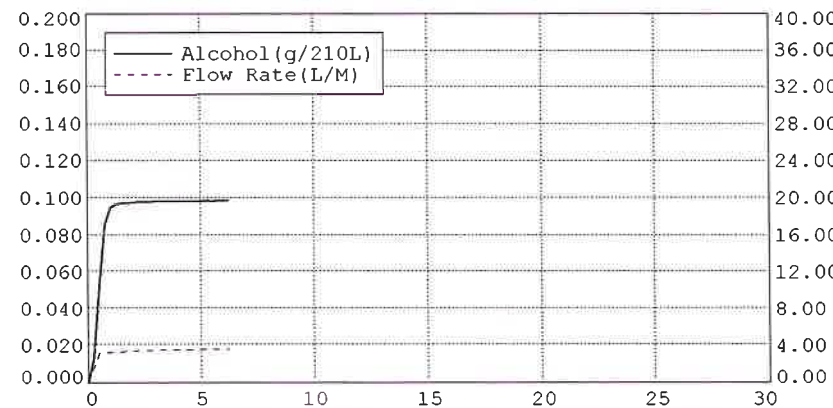
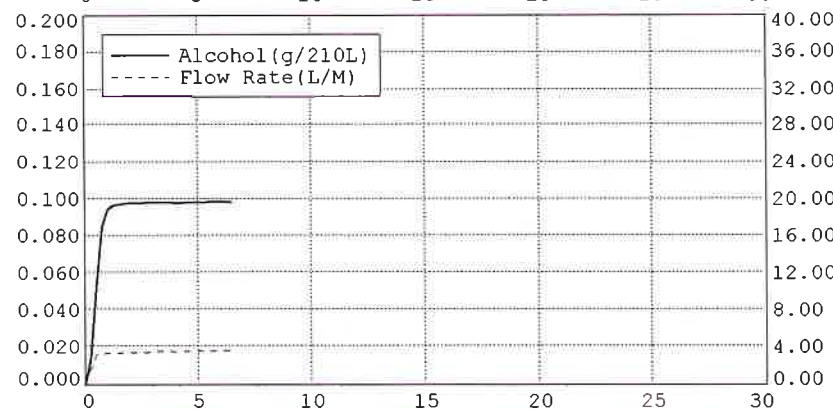
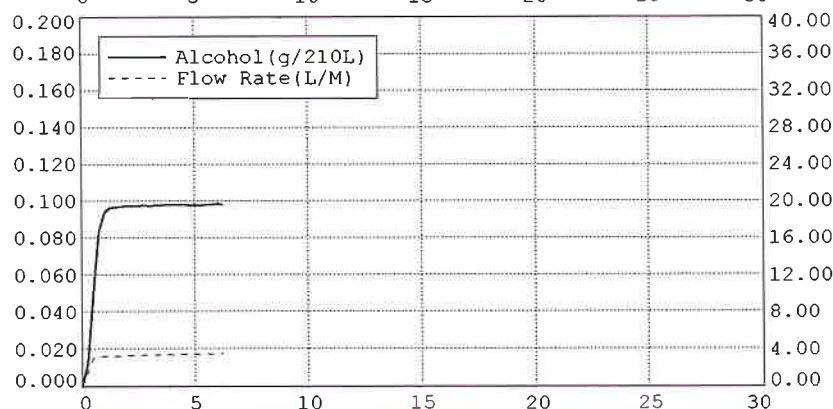
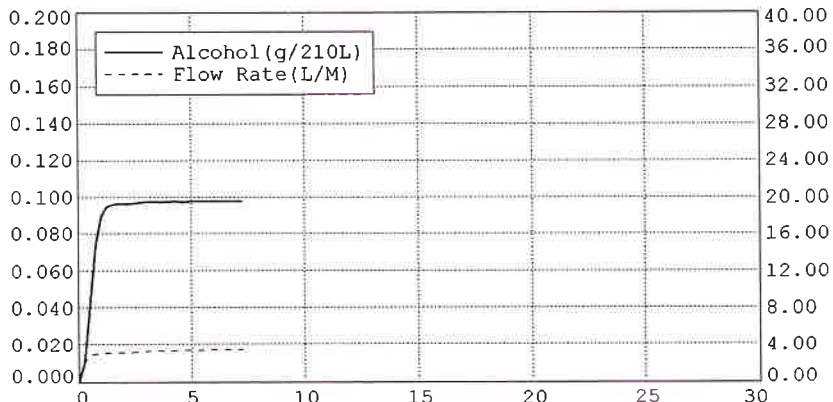
Lot AG515610

Exp 06/05/2027

Tank 002

MNC 06/18/25

Tank 002 Average: 0.099



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 06/18/2025
Time: 11:41:03

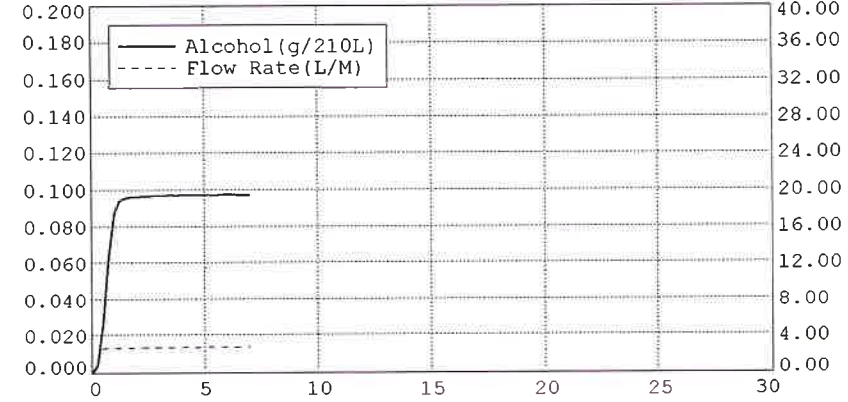
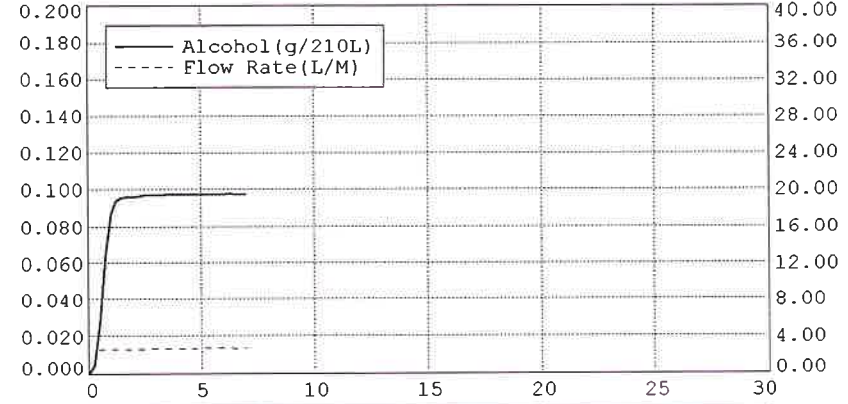
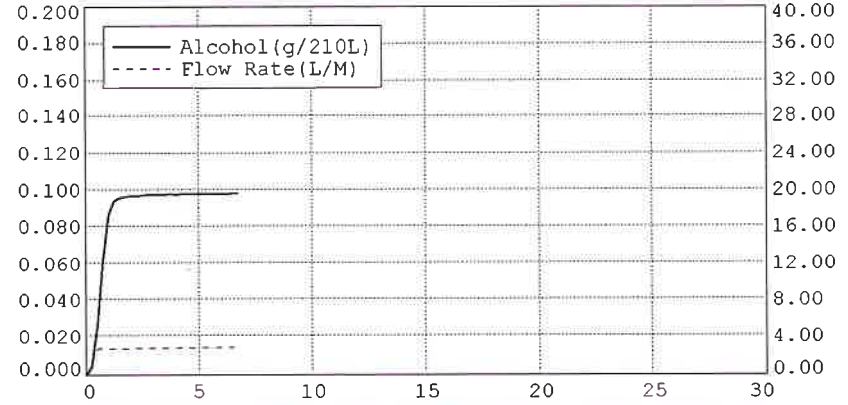
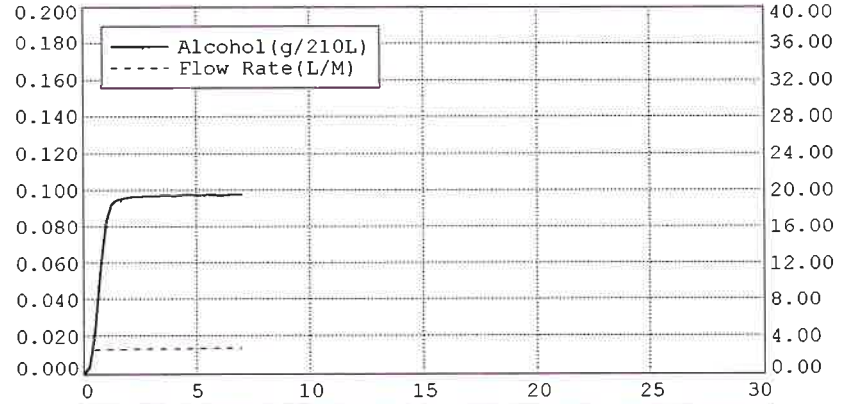
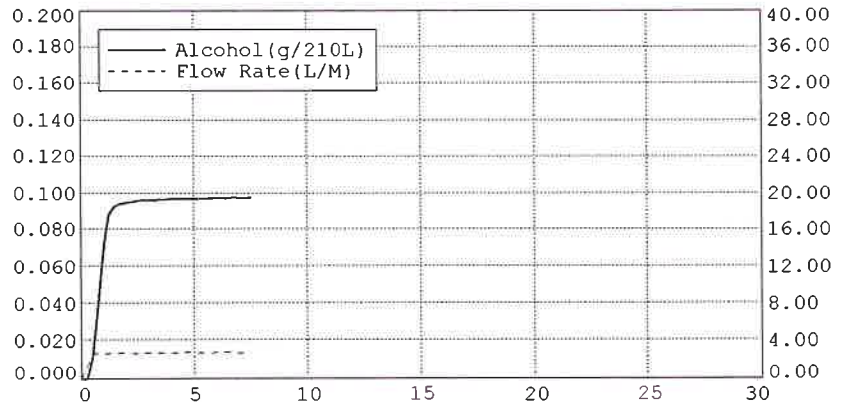
SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.100
TARGET AT 29.81: 0.100
TANK PRESSURE: 1234 psi

TEST TYPE	Value	Time
BLANK TEST	0.000	11:42
INTERNAL STANDARD	VERIFIED	11:42
EXTERNAL STANDARD	0.099	11:42
BLANK TEST	0.000	11:43
EXTERNAL STANDARD	0.099	11:43
BLANK TEST	0.000	11:44
EXTERNAL STANDARD	0.099	11:44
BLANK TEST	0.000	11:45
EXTERNAL STANDARD	0.098	11:45
BLANK TEST	0.000	11:46
EXTERNAL STANDARD	0.098	11:46
BLANK TEST	0.000	11:47

Average = 0.0986
Std Dev = 0.0005

Lot AG515610
Exp 06/05/2027
Tank 002
MNC 06/18/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 06/18/2025
Time: 12:00:00

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.100
TARGET AT 29.81: 0.100
TANK PRESSURE: 1189 psi

TEST TYPE	VALUE	TIME
BLANK TEST	0.000	12:01
INTERNAL STANDARD	VERIFIED	12:01
EXTERNAL STANDARD	0.100	12:01
BLANK TEST	0.000	12:02
EXTERNAL STANDARD	0.099	12:02
BLANK TEST	0.000	12:03
EXTERNAL STANDARD	0.099	12:03
BLANK TEST	0.000	12:04
EXTERNAL STANDARD	0.100	12:04
BLANK TEST	0.000	12:05
EXTERNAL STANDARD	0.100	12:05
BLANK TEST	0.000	12:06

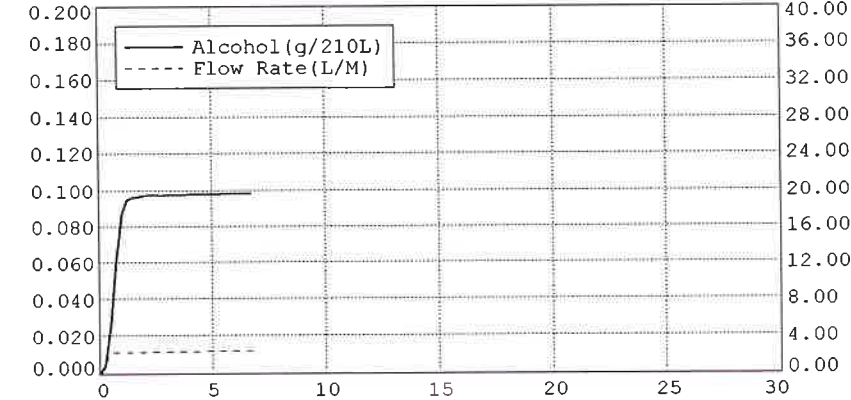
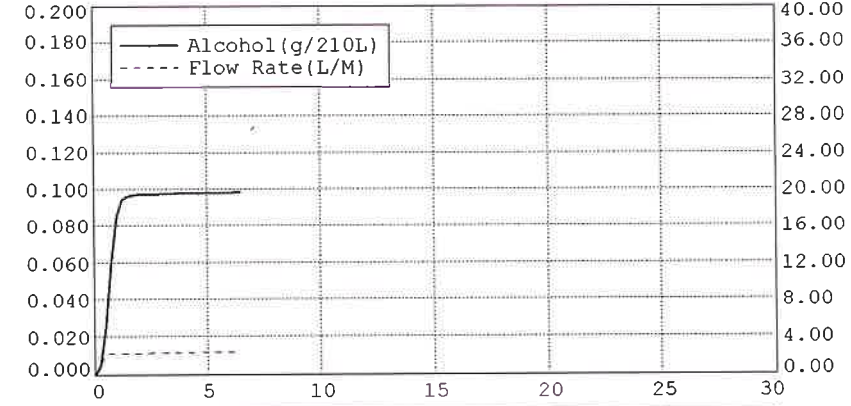
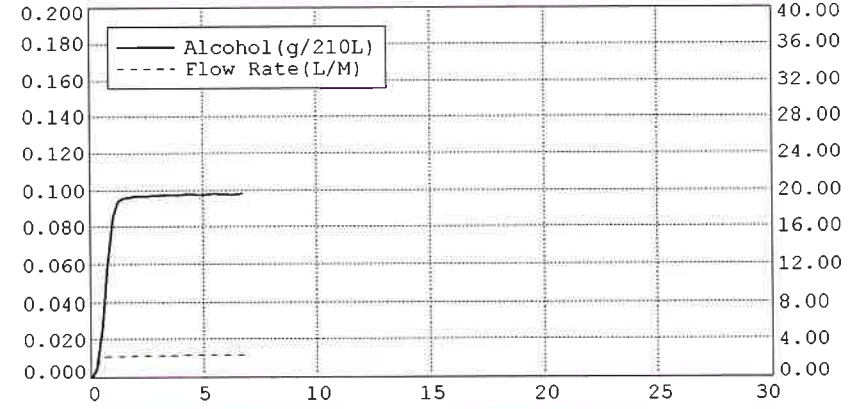
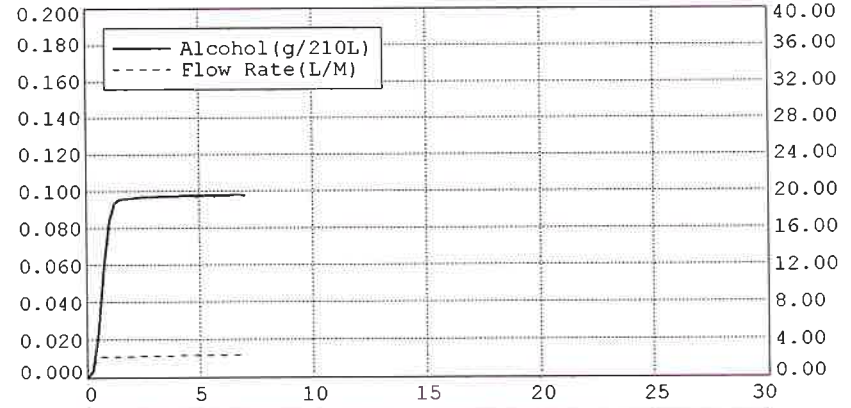
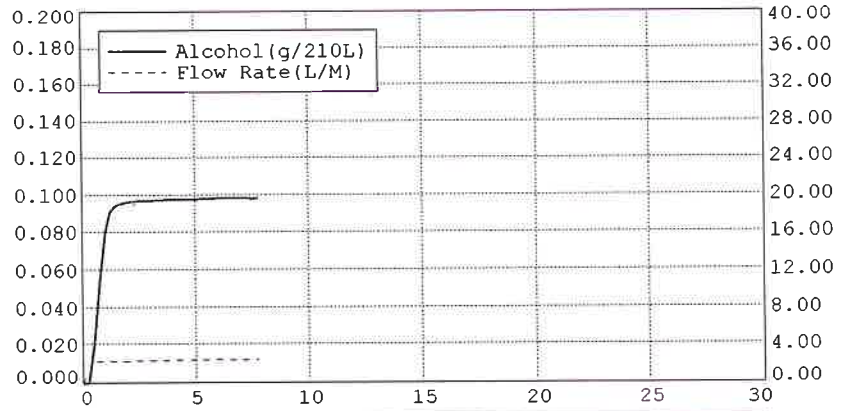
Average = 0.0996
Std Dev = 0.0005

Lot AG515610

Exp 06/05/2027

Tank 002

MWC 06/18/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100375

Date: 06/18/2025
Time: 11:58:21

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.100
TARGET AT 29.81: 0.100
TANK PRESSURE: 1208 psi

BLANK TEST	0.000	12:00
INTERNAL STANDARD	VERIFIED	12:00
EXTERNAL STANDARD	0.100	12:00
BLANK TEST	0.000	12:01
EXTERNAL STANDARD	0.099	12:01
BLANK TEST	0.000	12:02
EXTERNAL STANDARD	0.099	12:02
BLANK TEST	0.000	12:03
EXTERNAL STANDARD	0.099	12:03
BLANK TEST	0.000	12:04
EXTERNAL STANDARD	0.099	12:04
BLANK TEST	0.000	12:05

Average = 0.0992
Std Dev = 0.0004

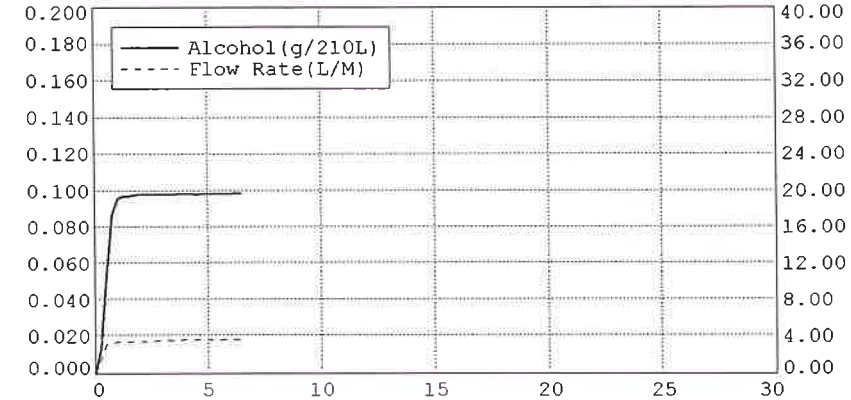
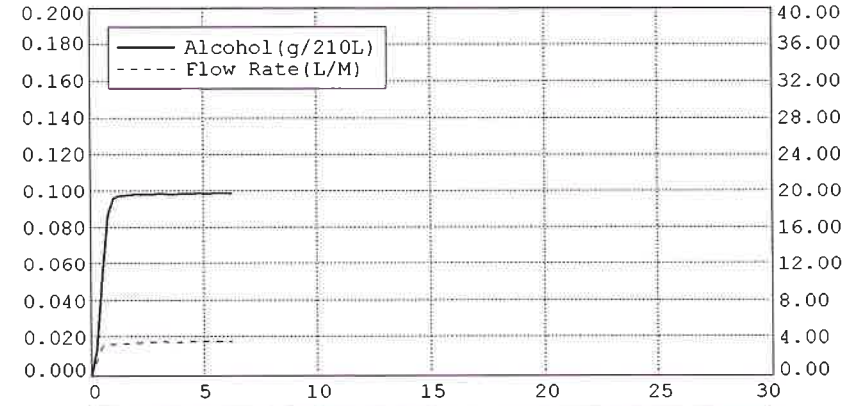
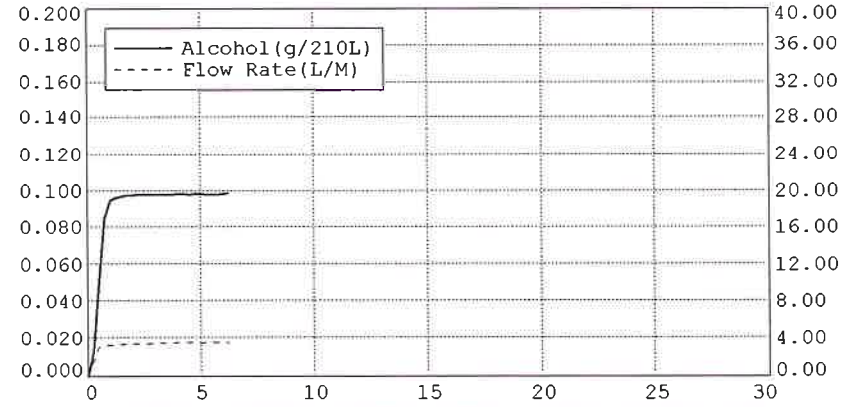
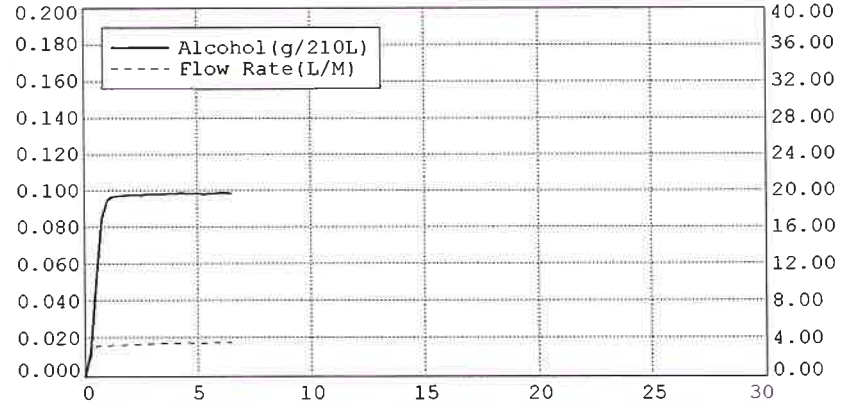
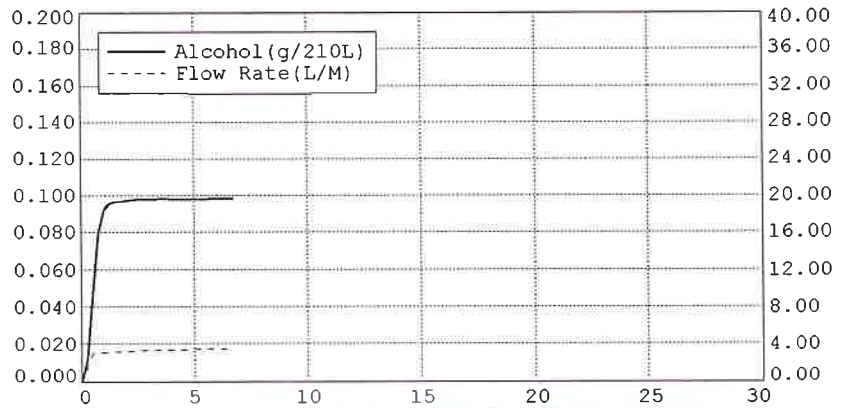
Lot AG515610

Exp 06/05/2027

Tank 003

NMC 06/18/25

Tank 003 Average: 0.099



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 06/18/2025
Time: 11:49:32

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.100
TARGET AT 29.81: 0.100
TANK PRESSURE: 1224 psi

BLANK TEST	0.000	11:51
INTERNAL STANDARD	VERIFIED	11:51
EXTERNAL STANDARD	0.099	11:51
BLANK TEST	0.000	11:52
EXTERNAL STANDARD	0.098	11:52
BLANK TEST	0.000	11:53
EXTERNAL STANDARD	0.099	11:53
BLANK TEST	0.000	11:54
EXTERNAL STANDARD	0.099	11:54
BLANK TEST	0.000	11:55
EXTERNAL STANDARD	0.099	11:56
BLANK TEST	0.000	11:56

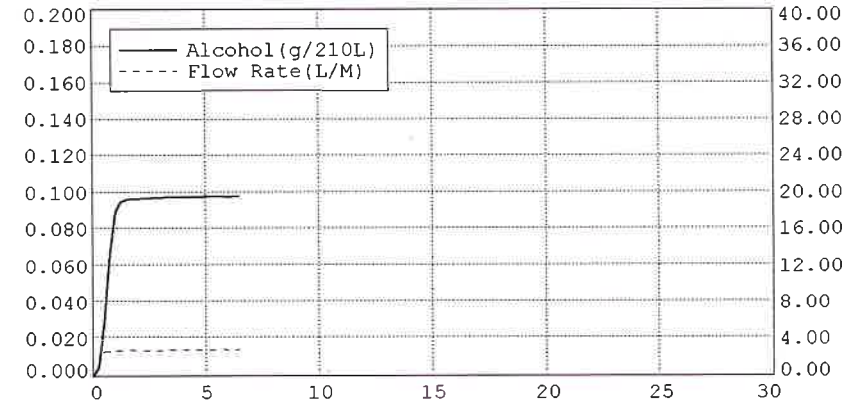
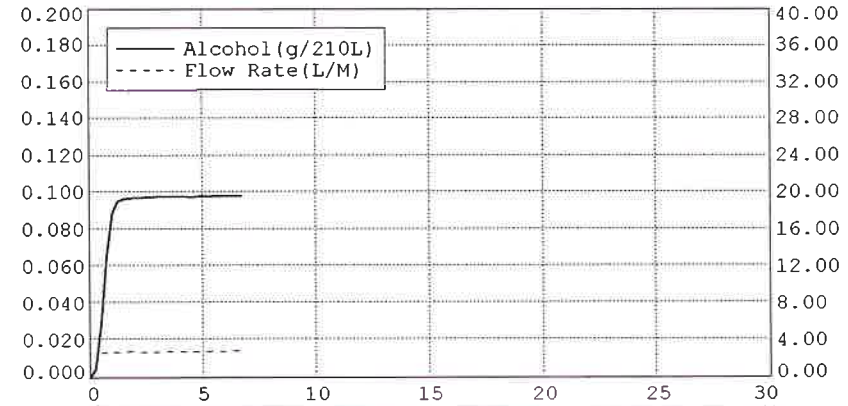
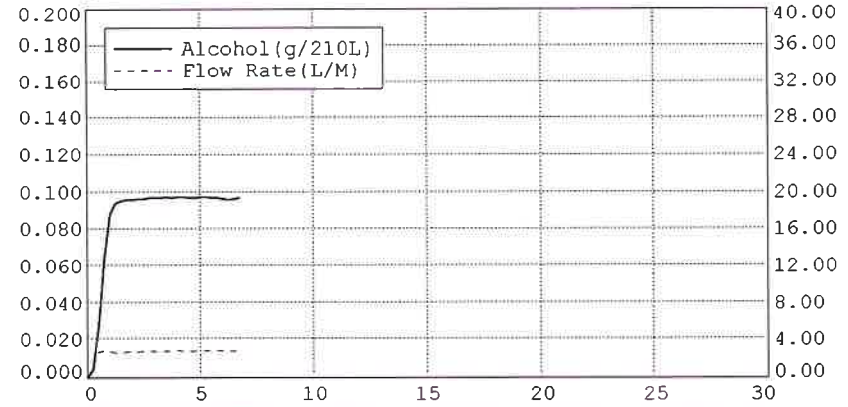
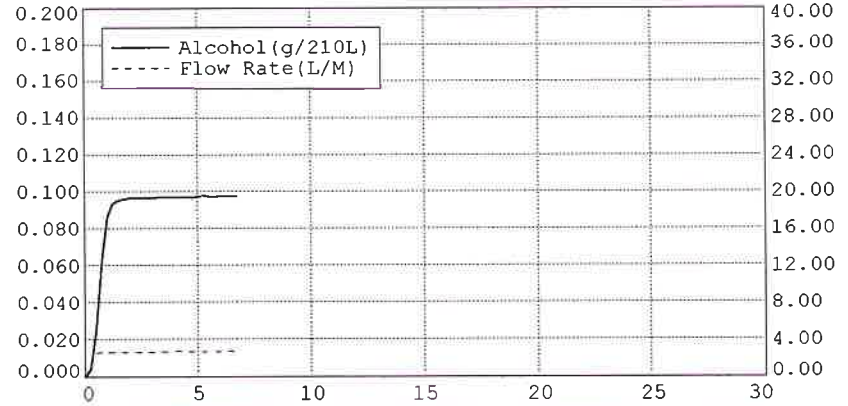
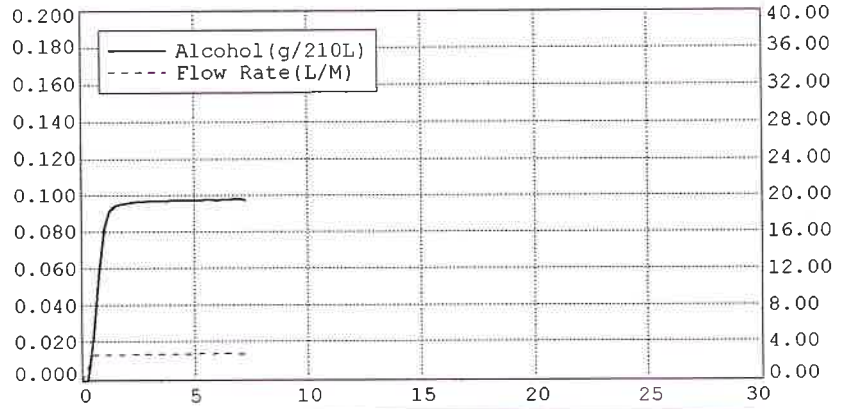
Average = 0.0988
Std Dev = 0.0004

Lot AG515610

Exp 06/05/2027

Tank 003

MNC 06/18/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 06/18/2025
Time: 11:41:40

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.100
TARGET AT 29.81: 0.100
TANK PRESSURE: 1238 psi

TEST TYPE	Value	Time
BLANK TEST	0.000	11:42
INTERNAL STANDARD	VERIFIED	11:42
EXTERNAL STANDARD	0.100	11:43
BLANK TEST	0.000	11:44
EXTERNAL STANDARD	0.099	11:44
BLANK TEST	0.000	11:45
EXTERNAL STANDARD	0.099	11:45
BLANK TEST	0.000	11:46
EXTERNAL STANDARD	0.099	11:46
BLANK TEST	0.000	11:47
EXTERNAL STANDARD	0.099	11:47
BLANK TEST	0.000	11:48

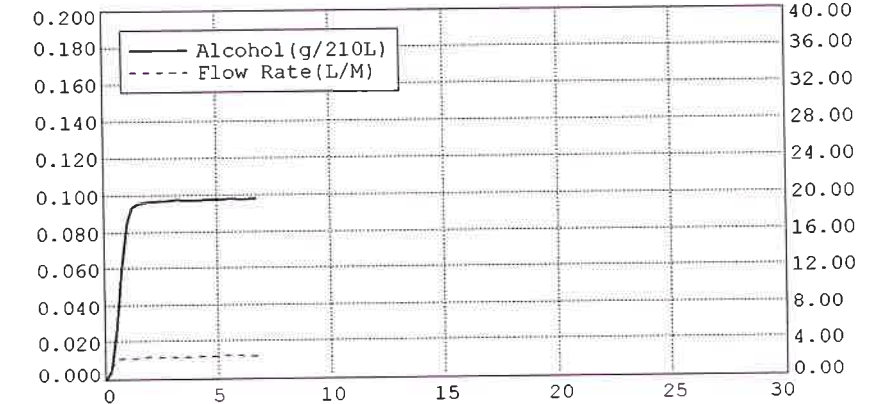
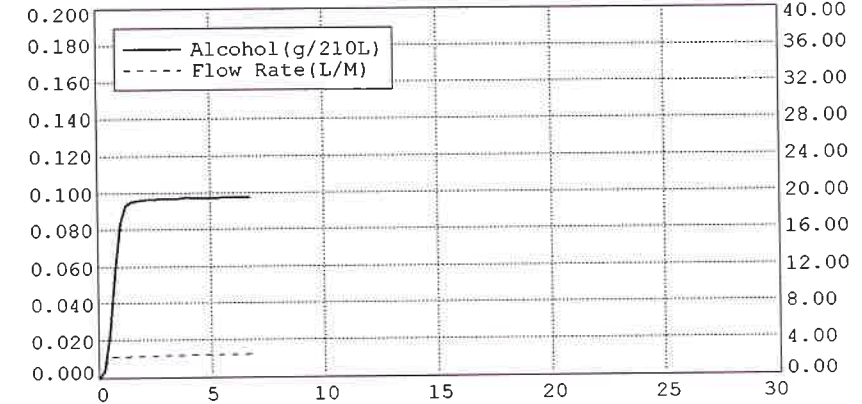
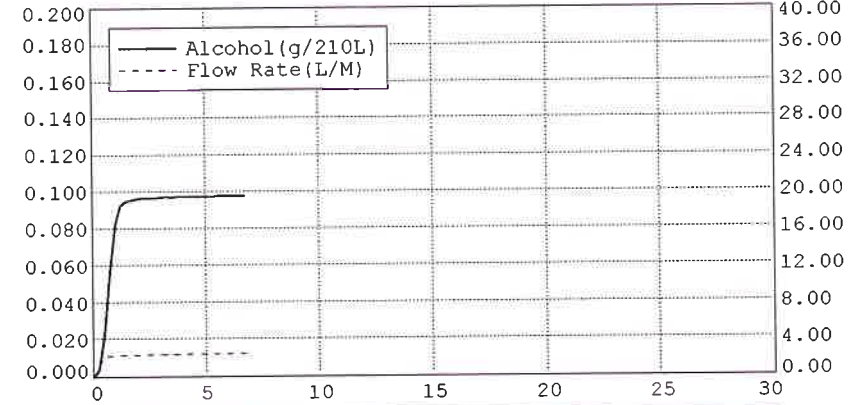
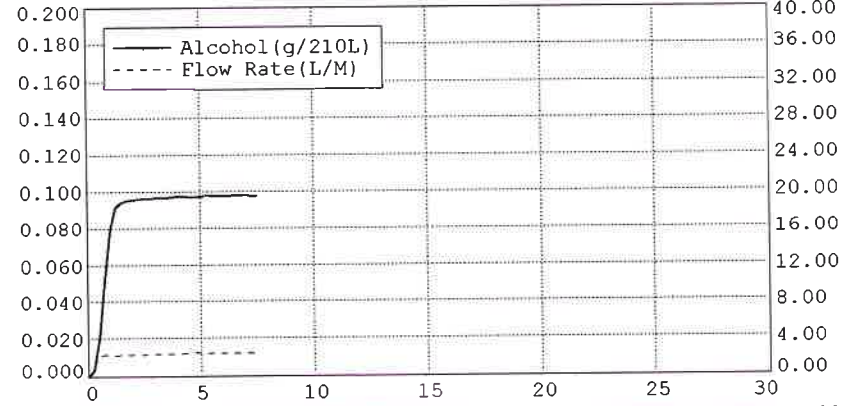
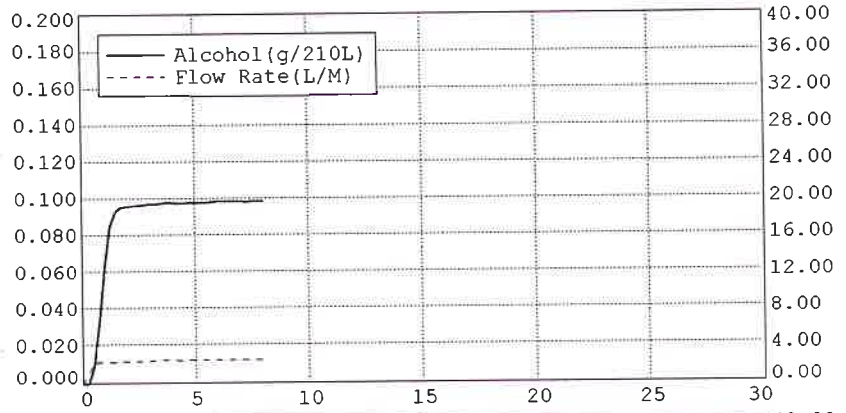
Average = 0.0992
Std Dev = 0.0004

Lot AG505610

Exp 06/05/2027

Tank 003

MNC 06/18/25



DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100375

Date: 06/17/2025
Time: 15:25:04

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

TEMPERATURES

Sample Chamber = 49.1°C (44.0°C - 52.0°C)	PASSED
Breath Tube = 48.1°C (38.0°C - 50.0°C)	PASSED

SETTINGS

Lamp Voltage = 1.52 V (0.92 V - 2.16 V)	PASSED
Cooler Voltage = 1.70 V (0.92 V - 2.16 V)	PASSED
Bias Voltage = 79 V (47 V - 111 V)	PASSED
Chopper Freq = 533 Hz (475 Hz - 575 Hz)	PASSED
Barometer = 29.8 in	

PUMP INFO

Flow Rate = 3.980 L/M (3.500 L/M - 6.500 L/M)	PASSED
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DETECTOR INFO

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

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD PASSED

Xq = 0.092 0.38% (0.00% - 4.00%)

Technician Screen

DATAMASTER dmt: 100375

Date: 06/17/2025

Time: 3:27 PM

Temperatures (°C)

Sample Cell: 48.7°C

Breath Tube: 48.1°C

Current Barometer 29.8 in

Volume (Ltr) 0.00

Settings

Lamp: 1.52 V

Bias: 79 V

Cooler: 1.70 V

Chopper: 533 Hz

Voltages (V)

Flow: 1.05 V

Detector: 0.062 V

LINEARITY CHECK

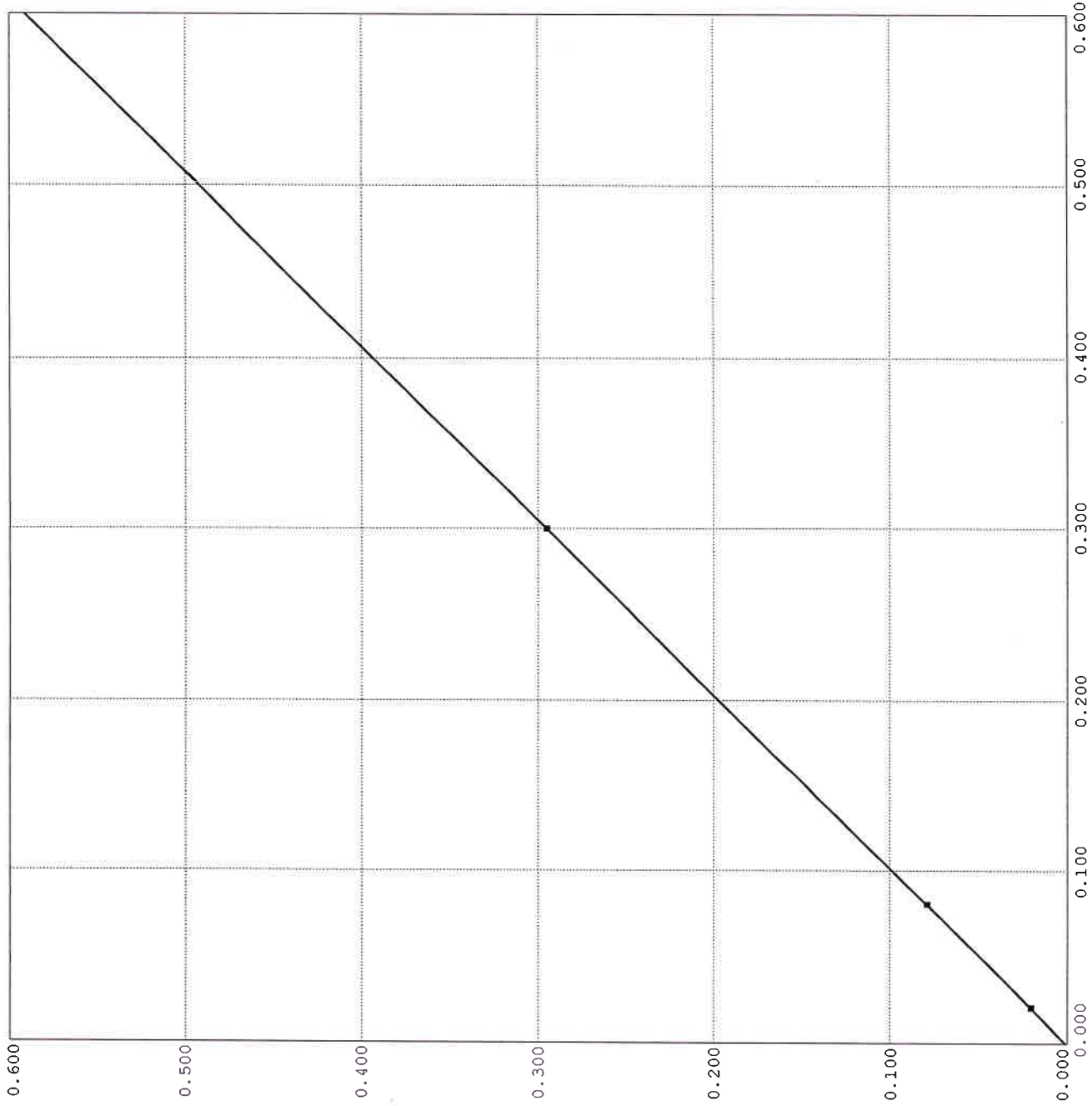
 Alaska Department of Public Safety
 DATAMASTER dmt: 100375

Date: 06/17/2025
 Time: 15:28:45

SUPERVISOR NAME:
 MEGAN CARLOCK
 OPERATOR'S #: 10747

TARGET	AVERAGE	STD. DEV.
0.020	0.0210	0.0000
0.080	0.0800	0.0000
0.299	0.2956	0.0005

SLOPE = 0.984295
 R² = 1.000000



MNC

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100375

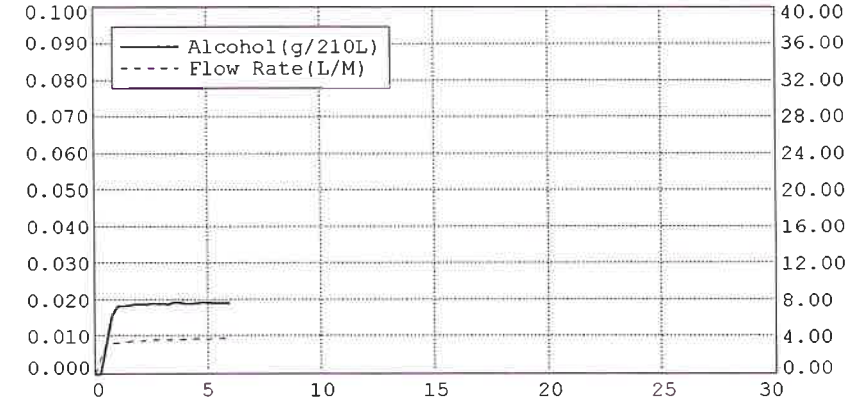
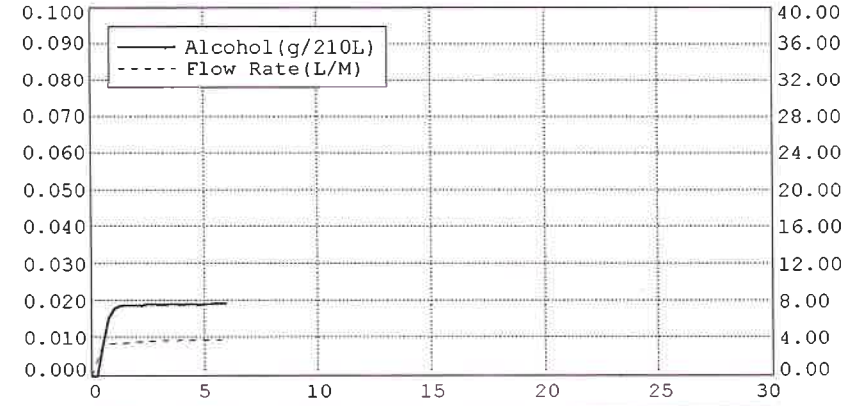
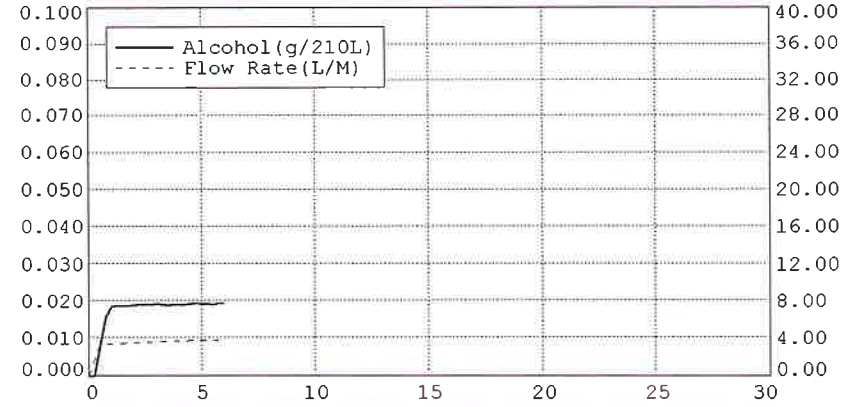
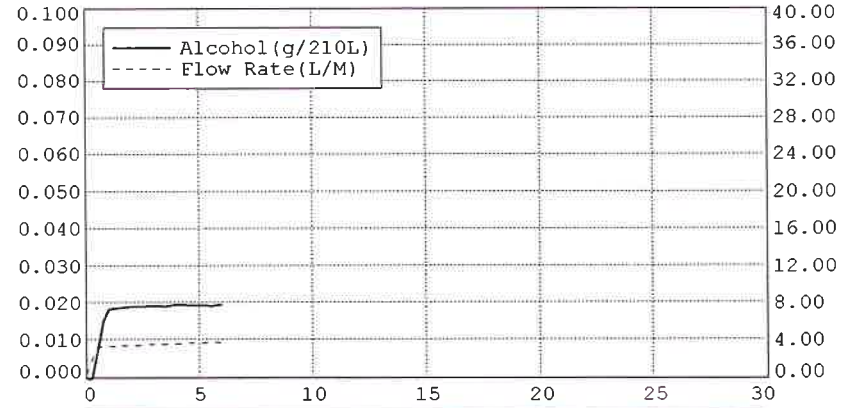
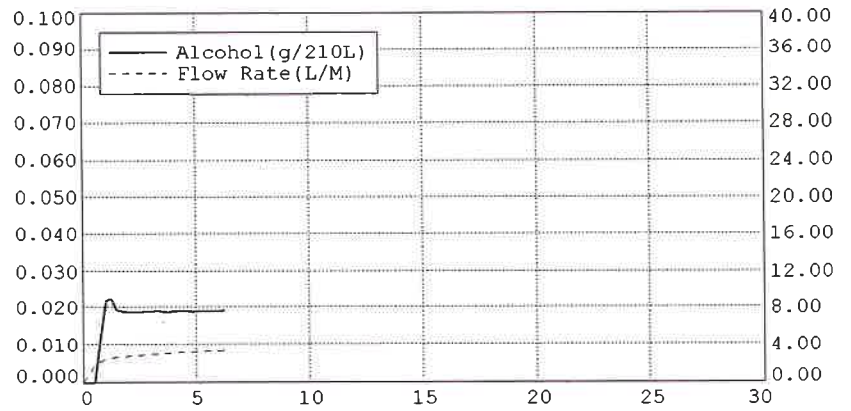
Date: 06/17/2025
Time: 15:28:47

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
TARGET AT 29.81: 0.020
LOT #: AG408002
EXPIRATION: 03/20/2026
TANK PRESSURE: 1097 psi

BLANK TEST	0.000	15:30
INTERNAL STANDARD	VERIFIED	15:30
EXTERNAL STANDARD	0.021	15:30
BLANK TEST	0.000	15:31
EXTERNAL STANDARD	0.021	15:31
BLANK TEST	0.000	15:32
EXTERNAL STANDARD	0.021	15:32
BLANK TEST	0.000	15:33
EXTERNAL STANDARD	0.021	15:33
BLANK TEST	0.000	15:34
EXTERNAL STANDARD	0.021	15:34
BLANK TEST	0.000	15:35

Average = 0.0210
Std Dev = 0.0000



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety
DATAMASTER dmt: 100375

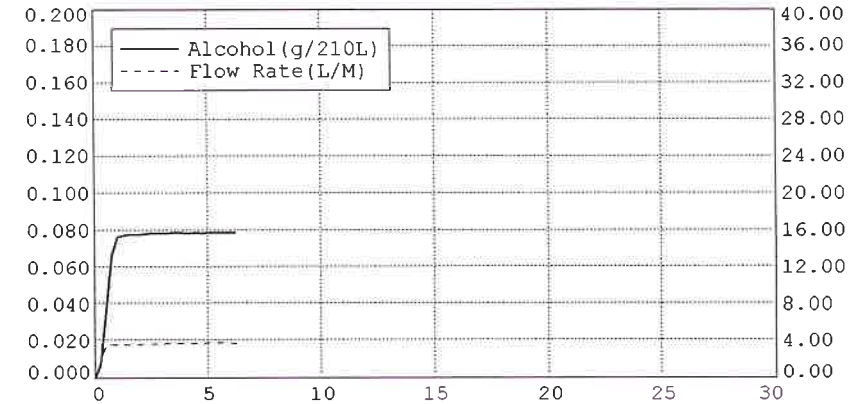
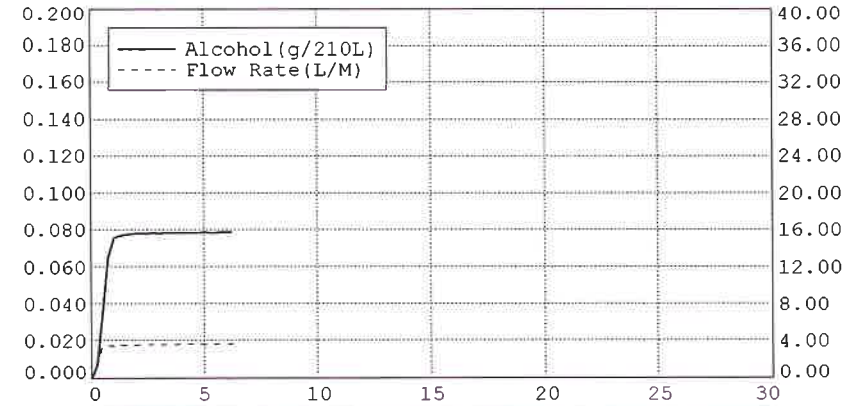
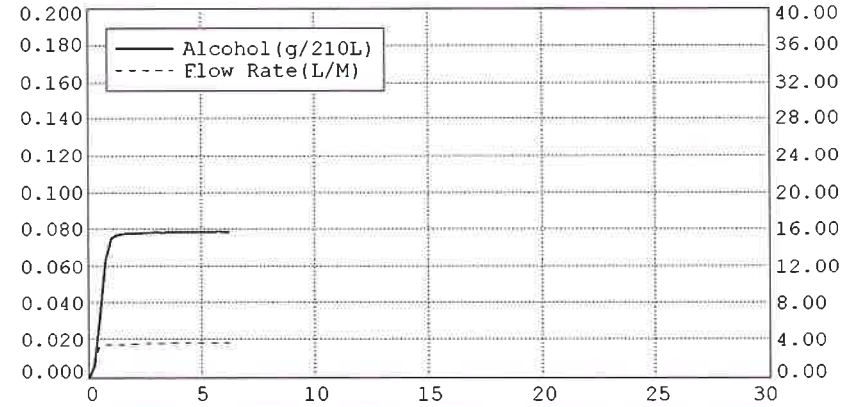
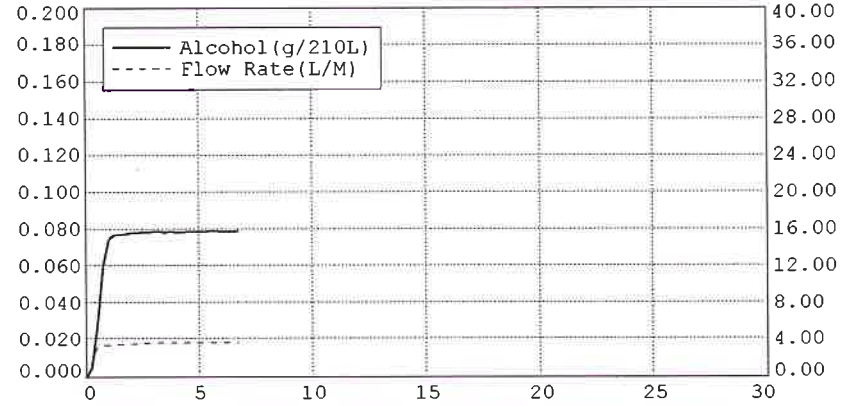
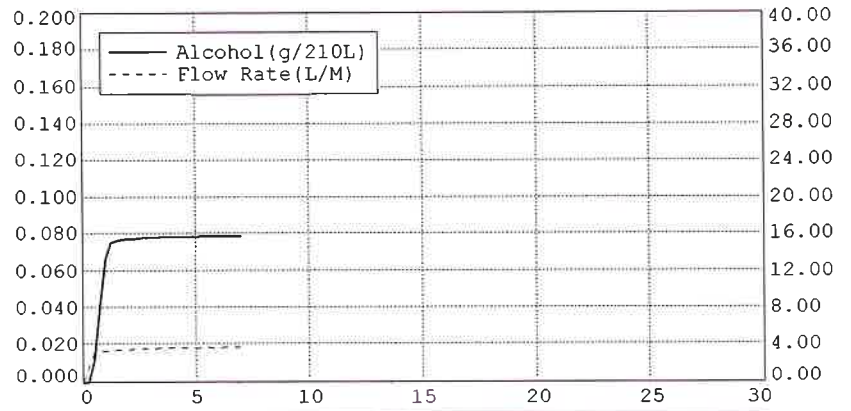
Date: 06/17/2025
Time: 15:36:04

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.82: 0.080
LOT #: AG335202
EXPIRATION: 12/18/2025
TANK PRESSURE: 882 psi

BLANK TEST	0.000	15:37
INTERNAL STANDARD	VERIFIED	15:37
EXTERNAL STANDARD	0.080	15:37
BLANK TEST	0.000	15:38
EXTERNAL STANDARD	0.080	15:38
BLANK TEST	0.000	15:39
EXTERNAL STANDARD	0.080	15:40
BLANK TEST	0.000	15:40
EXTERNAL STANDARD	0.080	15:41
BLANK TEST	0.000	15:42
EXTERNAL STANDARD	0.080	15:42
BLANK TEST	0.000	15:43

Average = 0.0800
Std Dev = 0.0000



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety
DATAMASTER dmt: 100375

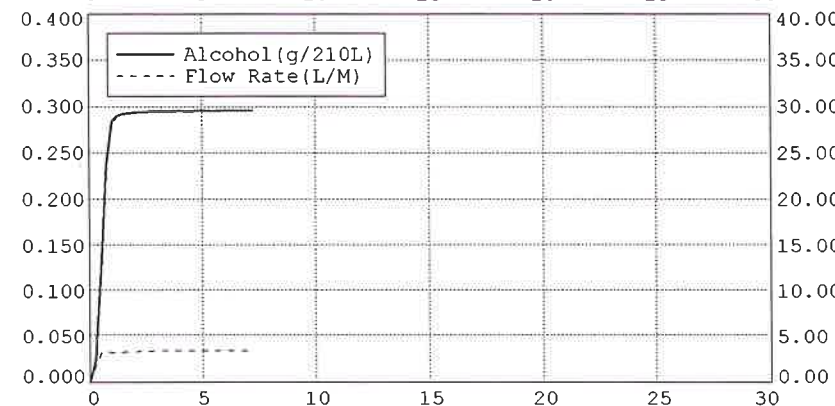
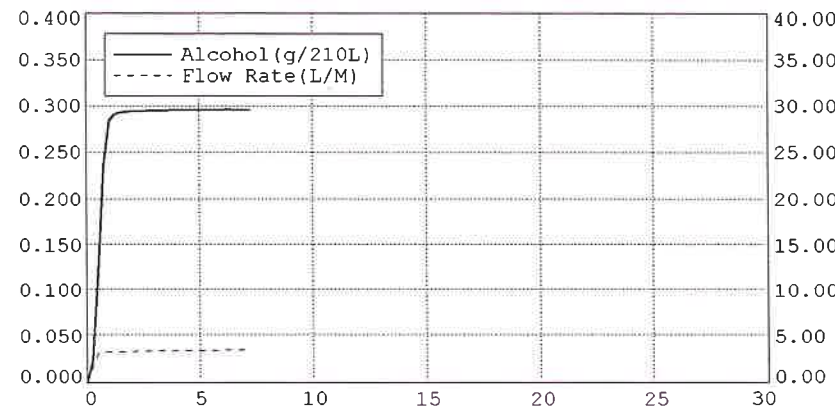
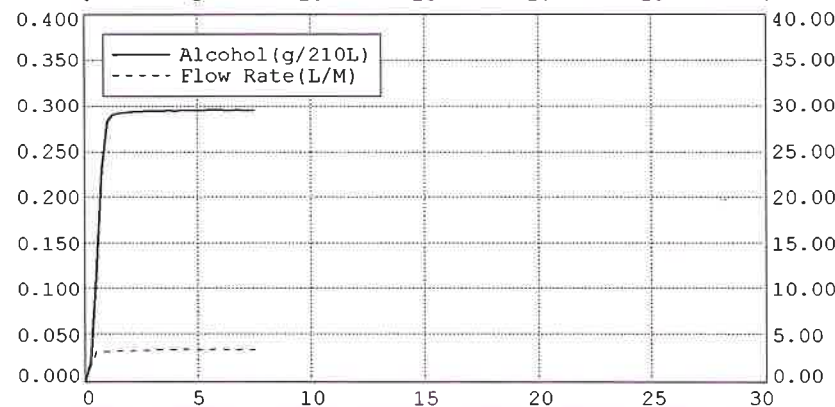
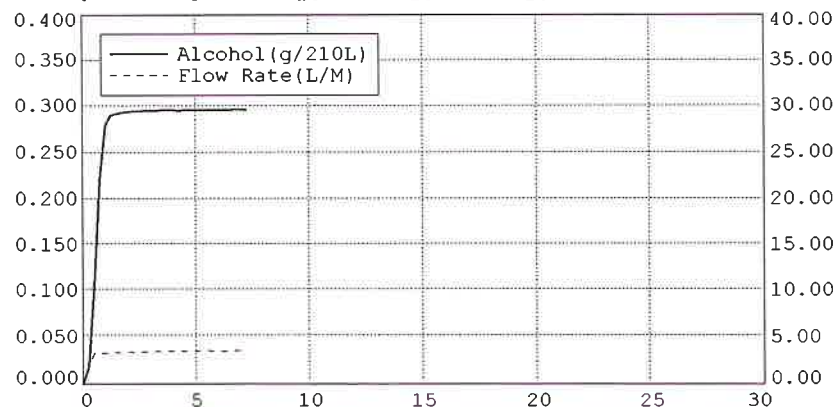
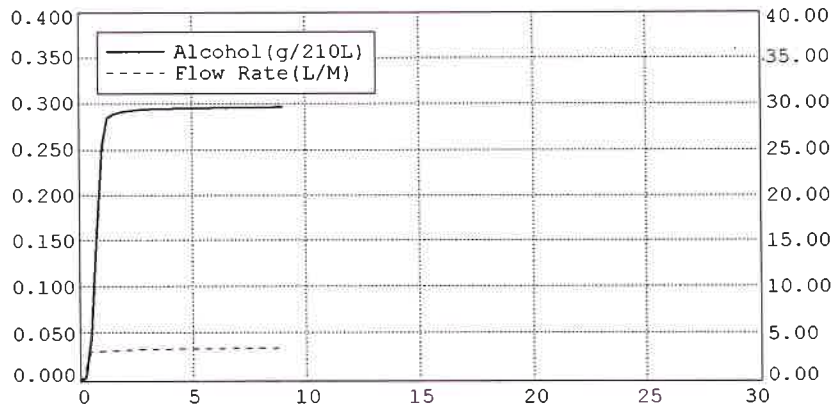
Date: 06/17/2025
Time: 15:43:43

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.300
TARGET AT 29.81: 0.299
LOT #: AG427706
EXPIRATION: 10/03/2026
TANK PRESSURE: 334 psi

BLANK TEST	0.000	15:45
INTERNAL STANDARD	VERIFIED	15:45
EXTERNAL STANDARD	0.296	15:45
BLANK TEST	0.000	15:46
EXTERNAL STANDARD	0.295	15:46
BLANK TEST	0.000	15:47
EXTERNAL STANDARD	0.295	15:47
BLANK TEST	0.000	15:48
EXTERNAL STANDARD	0.296	15:48
BLANK TEST	0.000	15:49
EXTERNAL STANDARD	0.296	15:50
BLANK TEST	0.000	15:51

Average = 0.2956
Std Dev = 0.0005



DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 06/17/2025
Time: 15:24:10

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.9°C (44.0°C - 52.0°C)	PASSED
Breath Tube = 46.7°C (38.0°C - 50.0°C)	PASSED

SETTINGS

Lamp Voltage = 1.77 V (1.01 V - 2.37 V)	PASSED
Cooler Voltage = 1.69 V (1.04 V - 2.44 V)	PASSED
Bias Voltage = 81 V (49 V - 113 V)	PASSED
Chopper Freq = 524 Hz (475 Hz - 575 Hz)	PASSED
Barometer = 29.8 in	

PUMP INFO

Flow Rate = 4.279 L/M (3.500 L/M - 6.500 L/M)	PASSED
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DETECTOR INFO

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

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.093 1.58% (0.00% - 4.00%)	PASSED
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Technician Screen

DATAMASTER dmt: 100397

Date: 06/17/2025
Time: 3:26 PM

Temperatures (°C)

Sample Cell: 48.6°C
Breath Tube: 46.4°C

Current Barometer 29.8 in
Volume (Ltr) 0.00

Settings

Lamp: 1.77 V
Bias: 81 V
Cooler: 1.69 V
Chopper: 523 Hz

Voltages (V)

Flow: 1.06 V
Detector: -0.062 V

LINEARITY CHECK

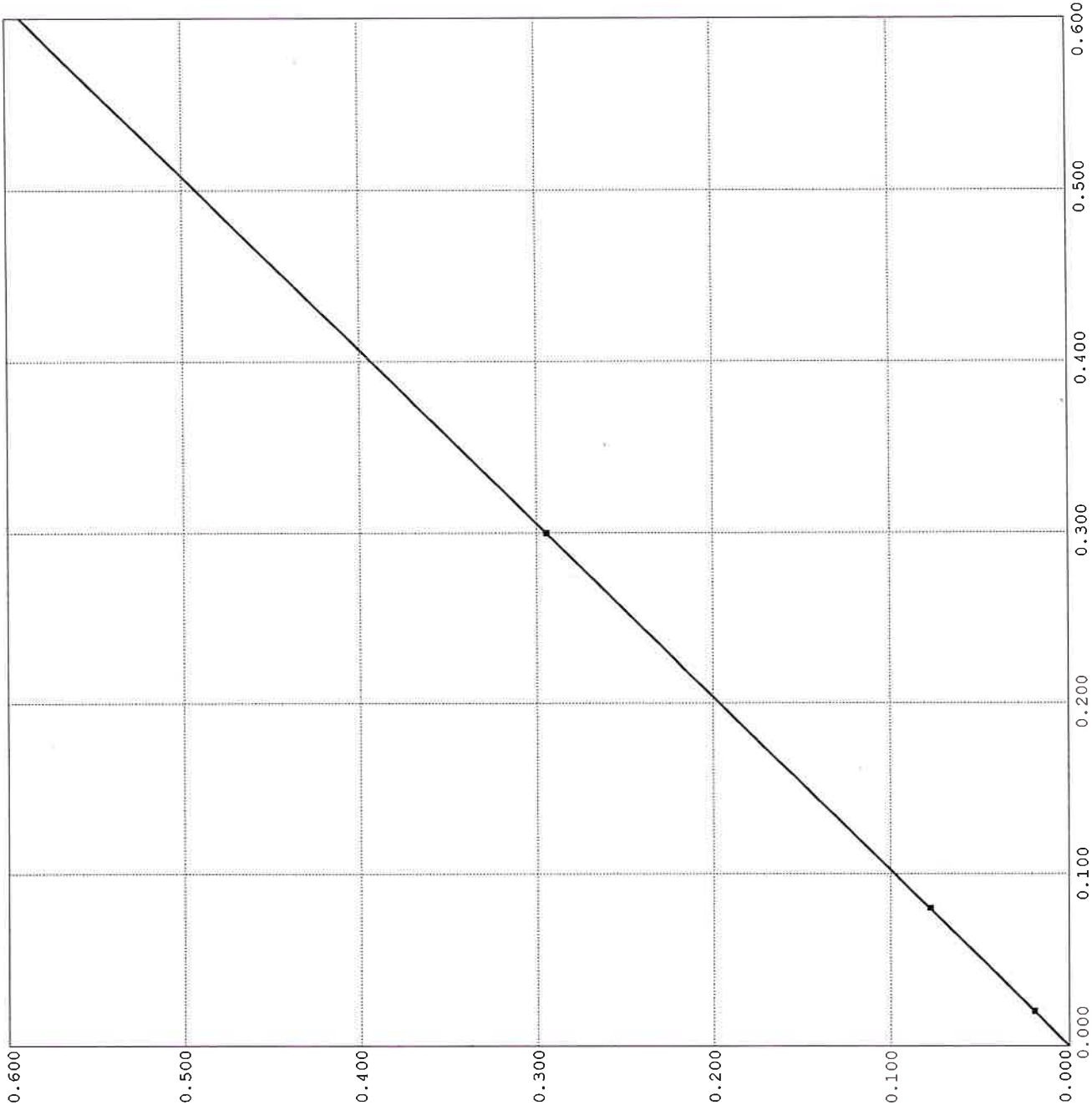
Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 06/17/2025
Time: 15:28:39

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

TARGET	AVERAGE	STD. DEV.
0.020	0.0200	0.0000
0.080	0.0788	0.0004
0.299	0.2950	0.0000

SLOPE = 0.986081
R² = 0.999998



MNC

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100397

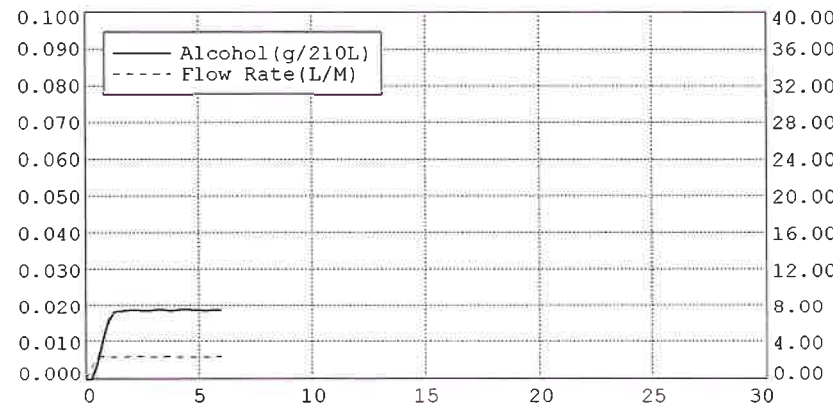
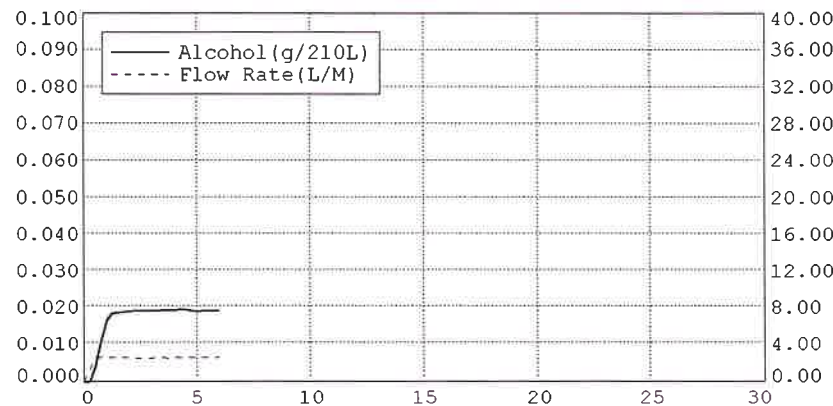
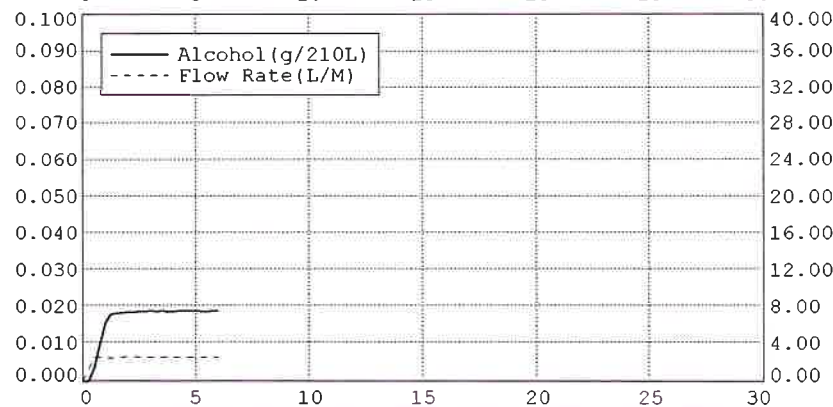
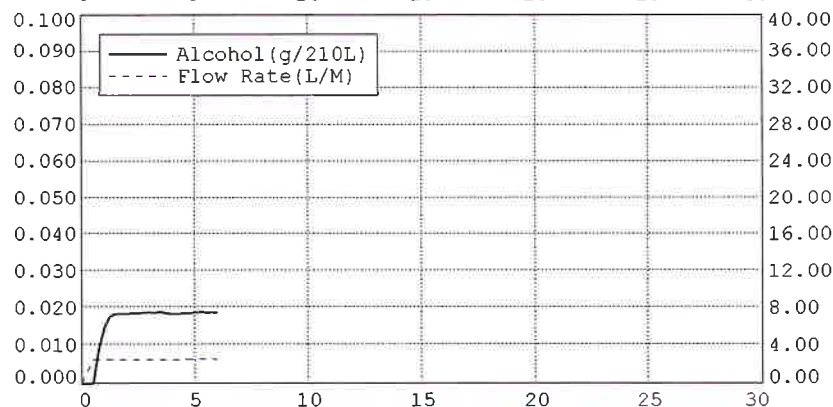
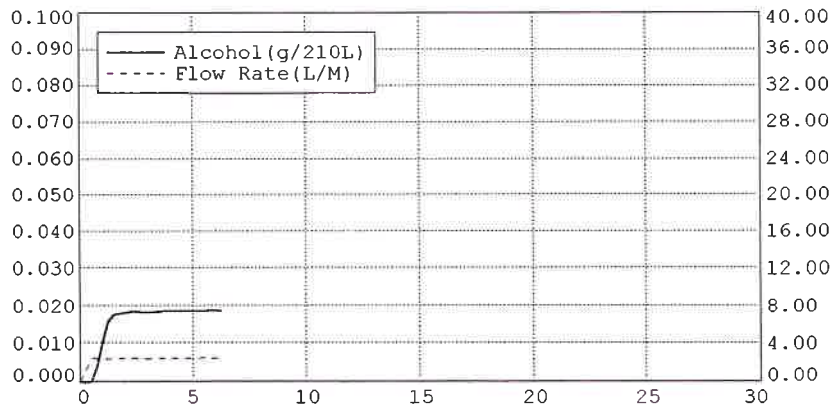
Date: 06/17/2025
Time: 15:28:42

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
TARGET AT 29.82: 0.020
LOT #: AG408002
EXPIRATION: 03/20/2026
TANK PRESSURE: 131 psi

BLANK TEST	0.000	15:30
INTERNAL STANDARD	VERIFIED	15:30
EXTERNAL STANDARD	0.020	15:30
BLANK TEST	0.000	15:31
EXTERNAL STANDARD	0.020	15:31
BLANK TEST	0.000	15:32
EXTERNAL STANDARD	0.020	15:32
BLANK TEST	0.000	15:33
EXTERNAL STANDARD	0.020	15:33
BLANK TEST	0.000	15:34
EXTERNAL STANDARD	0.020	15:34
BLANK TEST	0.000	15:35

Average = 0.0200
Std Dev = 0.0000



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety
DATAMASTER dmt: 100397

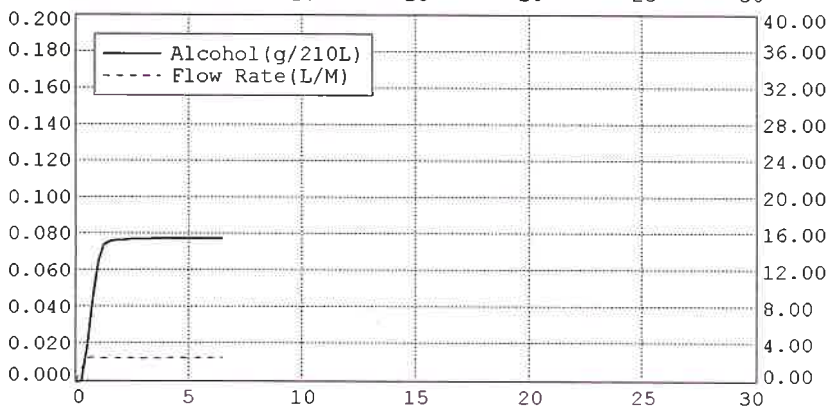
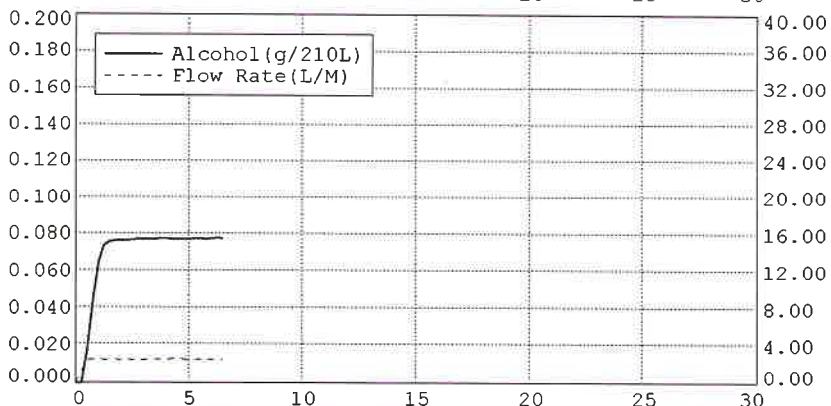
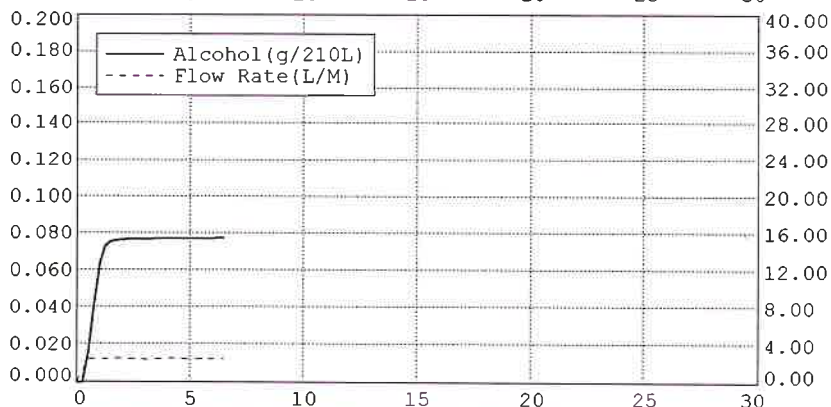
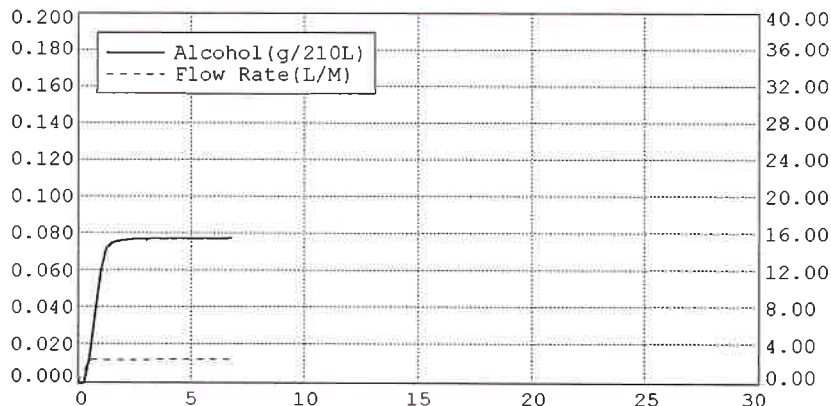
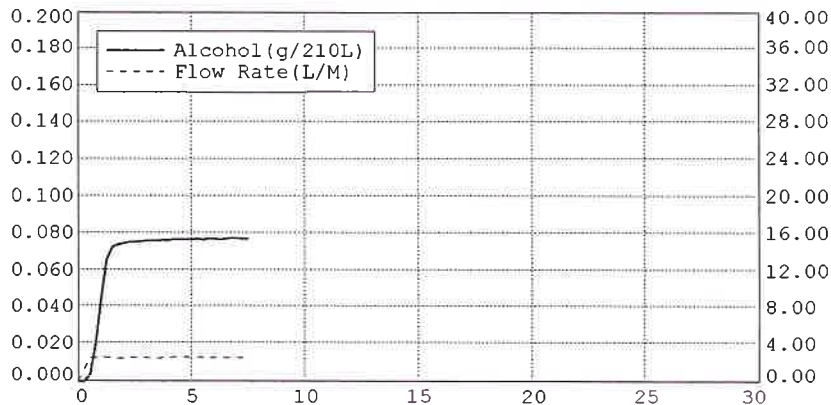
Date: 06/17/2025
Time: 15:36:06

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.83: 0.080
LOT #: AG335202
EXPIRATION: 12/18/2025
TANK PRESSURE: 270 psi

BLANK TEST	0.000	15:37
INTERNAL STANDARD	VERIFIED	15:37
EXTERNAL STANDARD	0.078	15:37
BLANK TEST	0.000	15:38
EXTERNAL STANDARD	0.079	15:38
BLANK TEST	0.000	15:39
EXTERNAL STANDARD	0.079	15:39
BLANK TEST	0.000	15:40
EXTERNAL STANDARD	0.079	15:40
BLANK TEST	0.000	15:41
EXTERNAL STANDARD	0.079	15:41
BLANK TEST	0.000	15:42

Average = 0.0788
Std Dev = 0.0004



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety
DATAMASTER dmt: 100397

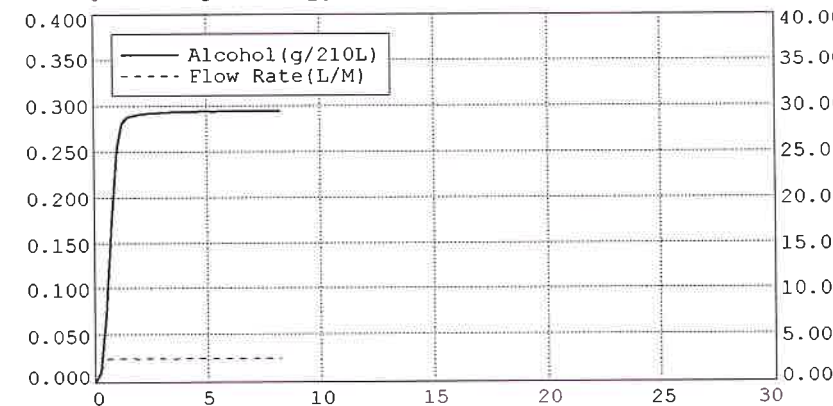
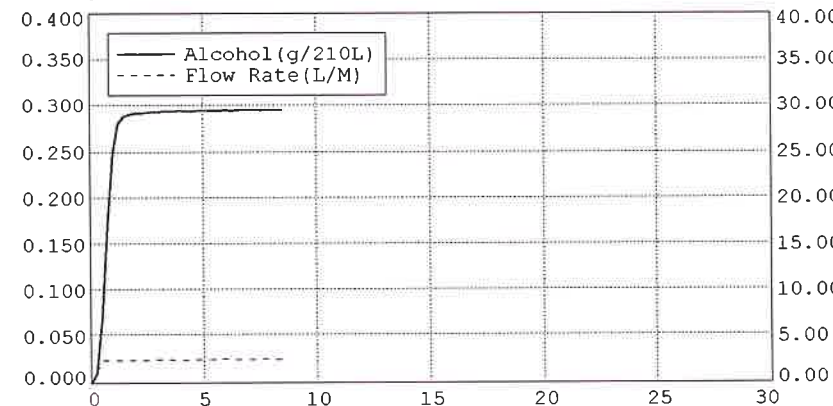
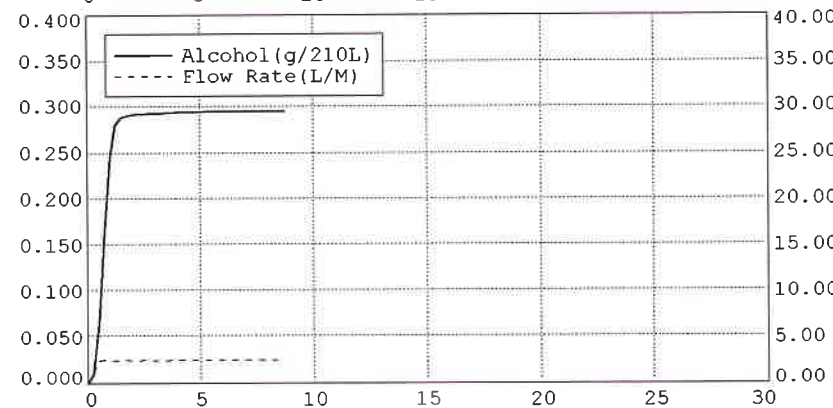
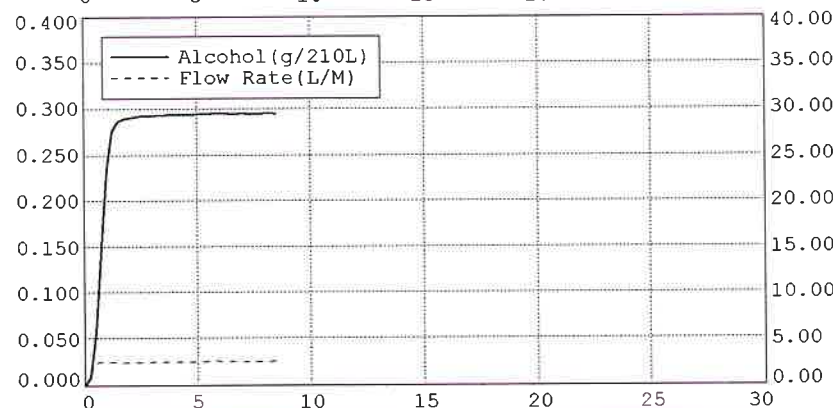
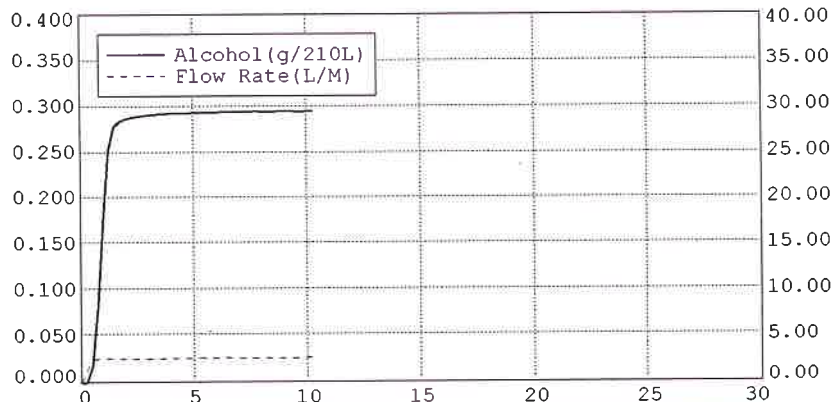
Date: 06/17/2025
Time: 15:43:45

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.300
TARGET AT 29.83: 0.299
LOT #: AG427706
EXPIRATION: 10/03/2026
TANK PRESSURE: 483 psi

BLANK TEST	0.000	15:45
INTERNAL STANDARD	VERIFIED	15:45
EXTERNAL STANDARD	0.295	15:45
BLANK TEST	0.000	15:46
EXTERNAL STANDARD	0.295	15:46
BLANK TEST	0.000	15:47
EXTERNAL STANDARD	0.295	15:47
BLANK TEST	0.000	15:48
EXTERNAL STANDARD	0.295	15:48
BLANK TEST	0.000	15:49
EXTERNAL STANDARD	0.295	15:50
BLANK TEST	0.000	15:50

Average = 0.2950
Std Dev = 0.0000



DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 06/17/2025
Time: 15:23:42

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.8°C (44.0°C - 52.0°C)	PASSED
Breath Tube = 47.0°C (38.0°C - 50.0°C)	PASSED

SETTINGS

Lamp Voltage = 1.79 V (1.00 V - 2.32 V)	PASSED
Cooler Voltage = 1.65 V (0.99 V - 2.31 V)	PASSED
Bias Voltage = 81 V (49 V - 113 V)	PASSED
Chopper Freq = 523 Hz (475 Hz - 575 Hz)	PASSED
Barometer = 29.8 in	

PUMP INFO

Flow Rate = 4.566 L/M (3.500 L/M - 6.500 L/M)	PASSED
--	--------

DETECTOR INFO

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

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.086 1.44% (0.00% - 4.00%)	PASSED
----------------------------------	--------

Technician Screen

DATAMASTER dmt: 100399

Date: 06/17/2025

Time: 3:25 PM

Temperatures (°C)

Sample Cell: 49.1°C

Breath Tube: 46.4°C

Current Barometer 29.8 in

Volume (Ltr) 0.00

Settings

Lamp: 1.79 V

Bias: 81 V

Cooler: 1.65 V

Chopper: 523 Hz

Voltages (V)

Flow: 1.06 V

Detector: 0.008 V

LINEARITY CHECK

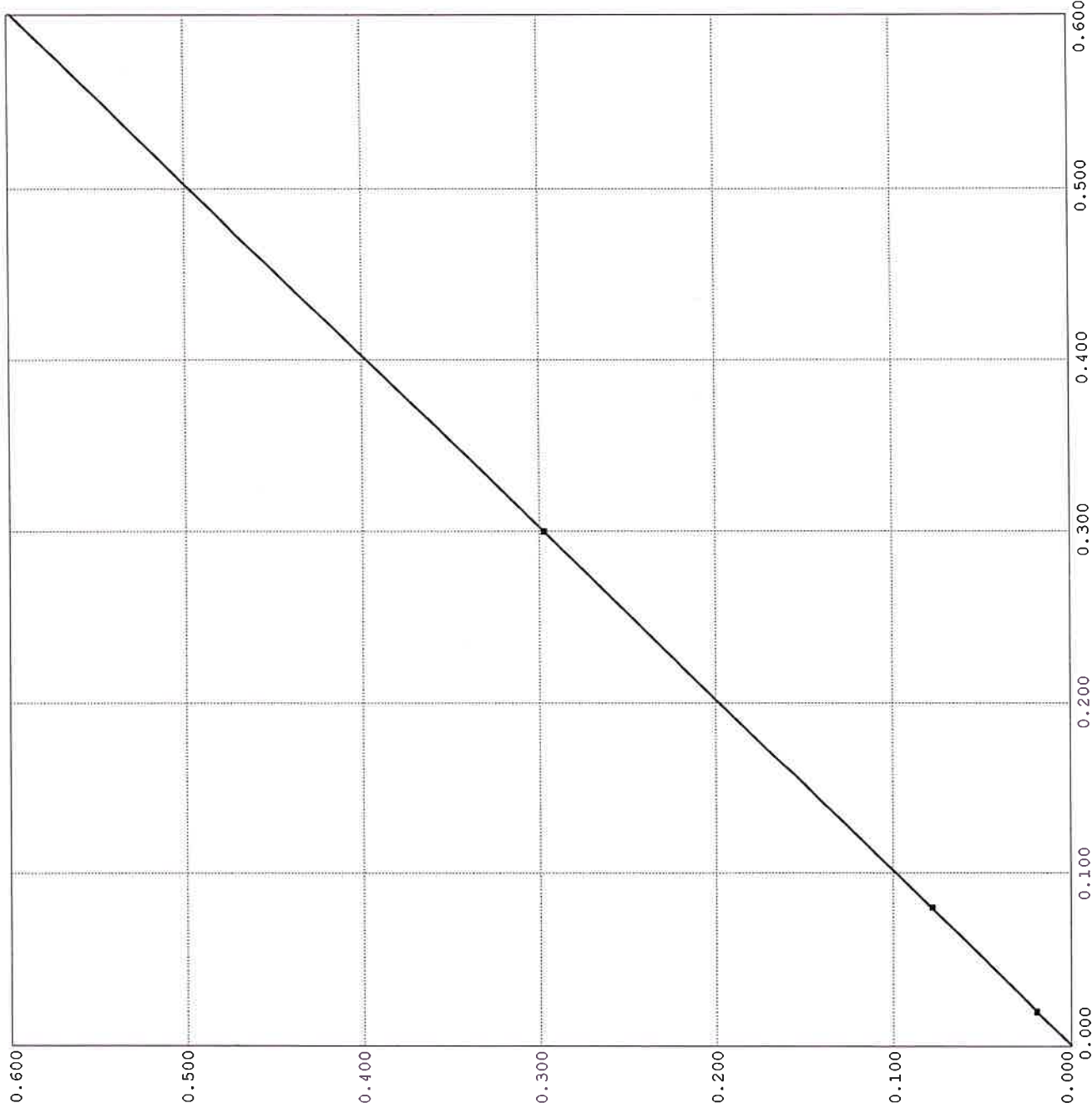
Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 06/17/2025
Time: 15:29:07

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

TARGET	AVERAGE	STD. DEV.
0.020	0.0200	0.0000
0.080	0.0790	0.0000
0.299	0.2980	0.0000

SLOPE = 0.997380
R² = 0.999991



MNC

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100399

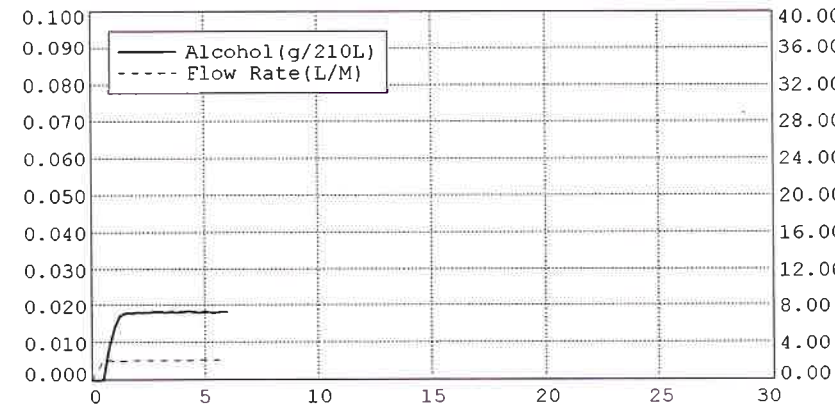
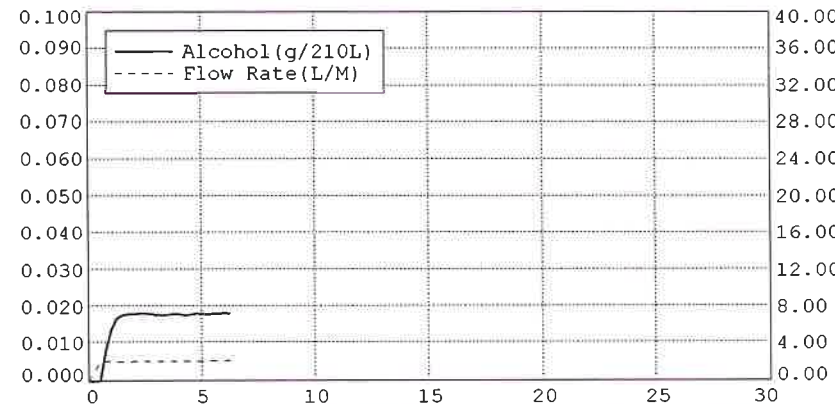
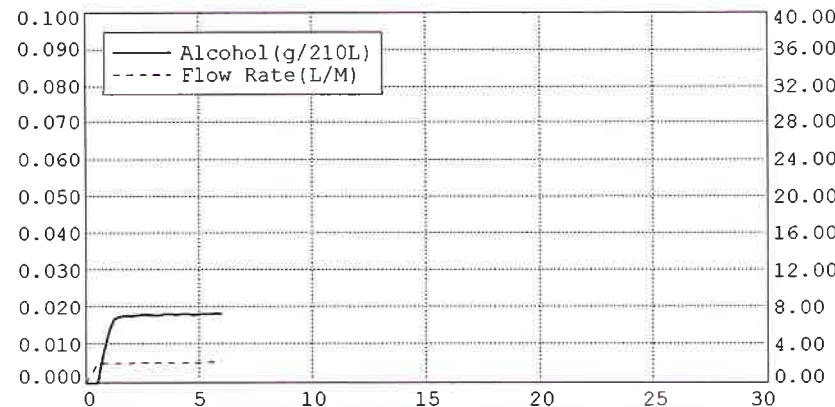
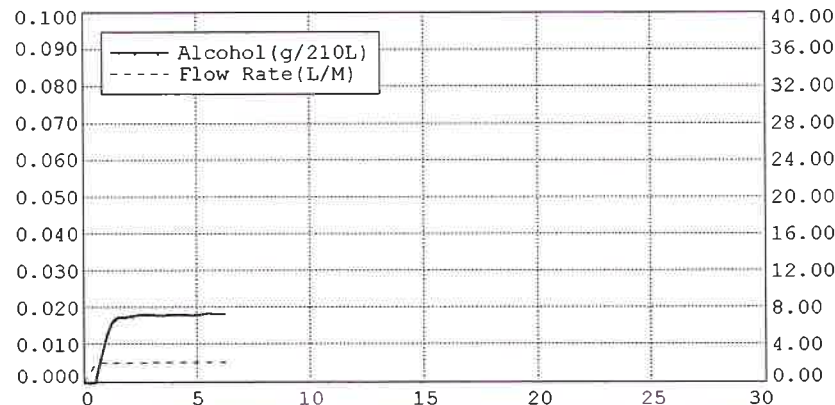
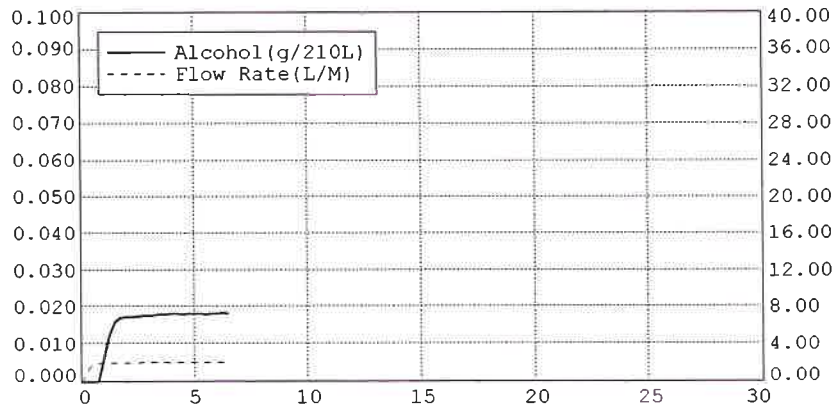
Date: 06/17/2025
Time: 15:29:09

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
TARGET AT 29.82: 0.020
LOT #: AG408002
EXPIRATION: 03/20/2026
TANK PRESSURE: 745 psi

BLANK TEST	0.000	15:30
INTERNAL STANDARD	VERIFIED	15:30
EXTERNAL STANDARD	0.020	15:30
BLANK TEST	0.000	15:31
EXTERNAL STANDARD	0.020	15:31
BLANK TEST	0.000	15:32
EXTERNAL STANDARD	0.020	15:33
BLANK TEST	0.000	15:33
EXTERNAL STANDARD	0.020	15:34
BLANK TEST	0.000	15:35
EXTERNAL STANDARD	0.020	15:35
BLANK TEST	0.000	15:36

Average = 0.0200
Std Dev = 0.0000



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety
DATAMASTER dmt: 100399

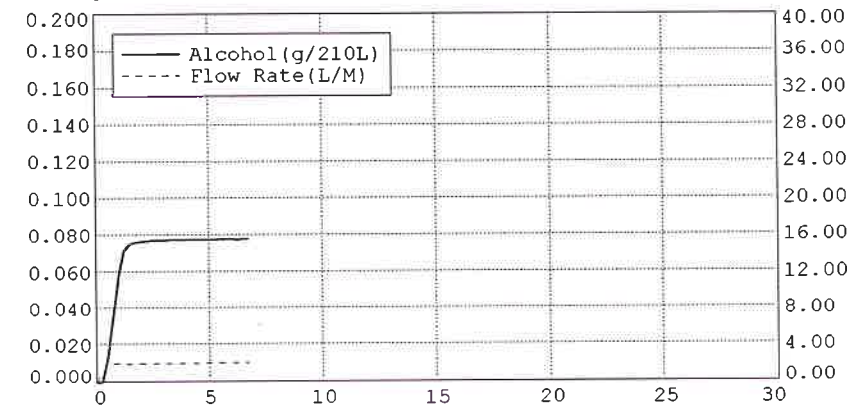
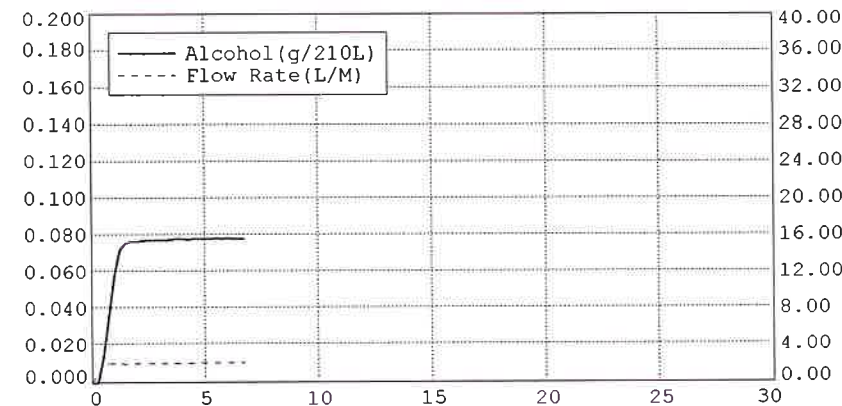
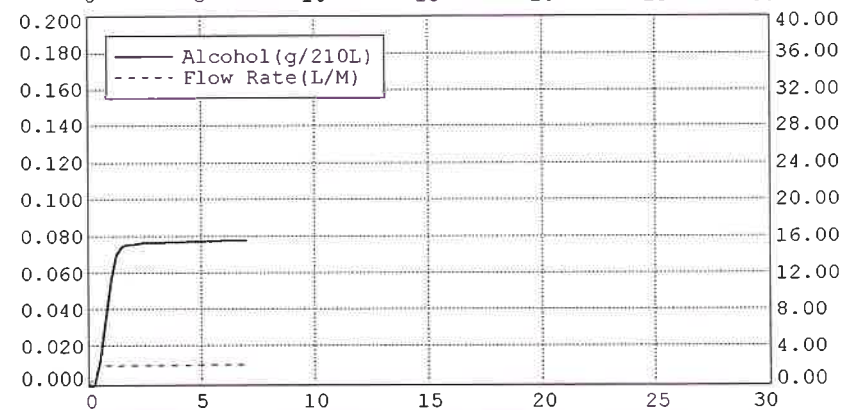
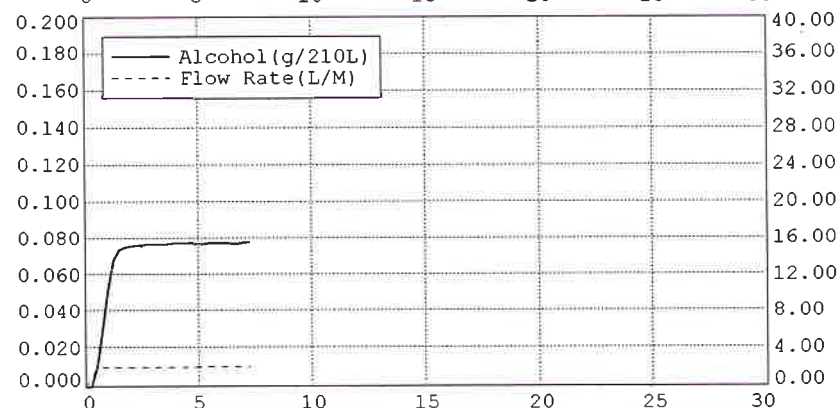
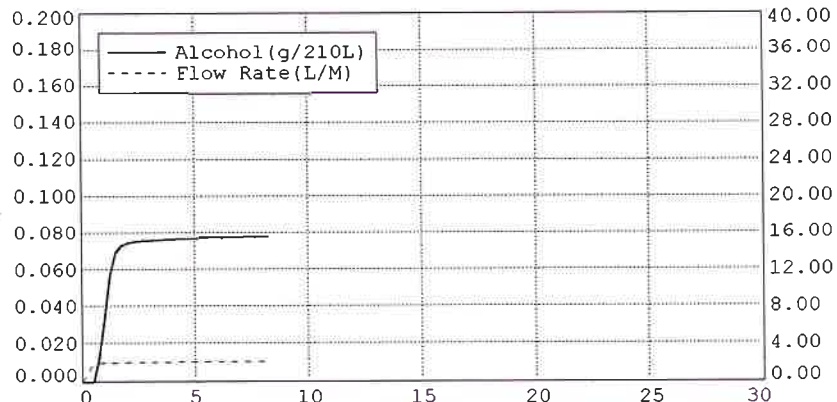
Date: 06/17/2025
Time: 15:36:29

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.83: 0.080
LOT #: AG335202
EXPIRATION: 12/18/2025
TANK PRESSURE: 658 psi

BLANK TEST	0.000	15:37
INTERNAL STANDARD	VERIFIED	15:38
EXTERNAL STANDARD	0.079	15:38
BLANK TEST	0.000	15:39
EXTERNAL STANDARD	0.079	15:39
BLANK TEST	0.000	15:40
EXTERNAL STANDARD	0.079	15:40
BLANK TEST	0.000	15:41
EXTERNAL STANDARD	0.079	15:41
BLANK TEST	0.000	15:42
EXTERNAL STANDARD	0.079	15:42
BLANK TEST	0.000	15:43

Average = 0.0790
Std Dev = 0.0000



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 06/17/2025
Time: 15:44:01

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.300
TARGET AT 29.83: 0.299
LOT #: AG427706
EXPIRATION: 10/03/2026
TANK PRESSURE: 201 psi

BLANK TEST	0.000	15:45
INTERNAL STANDARD	VERIFIED	15:45
EXTERNAL STANDARD	0.298	15:45
BLANK TEST	0.000	15:46
EXTERNAL STANDARD	0.298	15:47
BLANK TEST	0.000	15:47
EXTERNAL STANDARD	0.298	15:48
BLANK TEST	0.000	15:49
EXTERNAL STANDARD	0.298	15:49
BLANK TEST	0.000	15:50
EXTERNAL STANDARD	0.298	15:50
BLANK TEST	0.000	15:51

Average = 0.2980
Std Dev = 0.0000

