



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: 10-Jun-2025

Lot # AG516110 **Model** 108

Exp Date	Cyl. Type	Component	Certified Concentration
10-Jun-2027	108	Ethanol Nitrogen	0.300 ± 2% BrAC (780 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: 13:44:25

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.300
TARGET AT 29.79: 0.299
TANK PRESSURE: 496 psi

BLANK TEST	0.000	13:45
INTERNAL STANDARD	VERIFIED	13:45
EXTERNAL STANDARD	0.294	13:45
BLANK TEST	0.000	13:46
EXTERNAL STANDARD	0.293	13:47
BLANK TEST	0.000	13:47
EXTERNAL STANDARD	0.293	13:48
BLANK TEST	0.000	13:49
EXTERNAL STANDARD	0.293	13:49
BLANK TEST	0.000	13:50
EXTERNAL STANDARD	0.293	13:50
BLANK TEST	0.000	13:51

Average = 0.2932
Std Dev = 0.0004

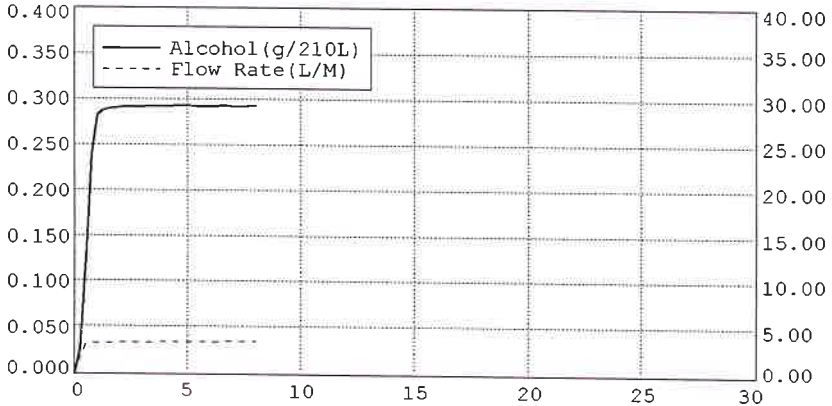
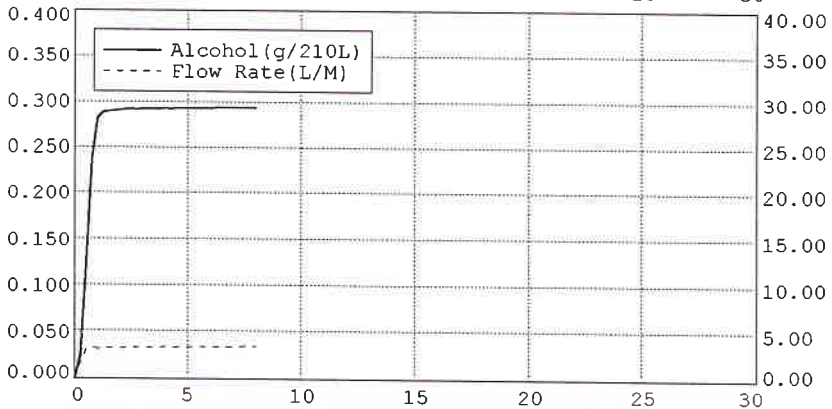
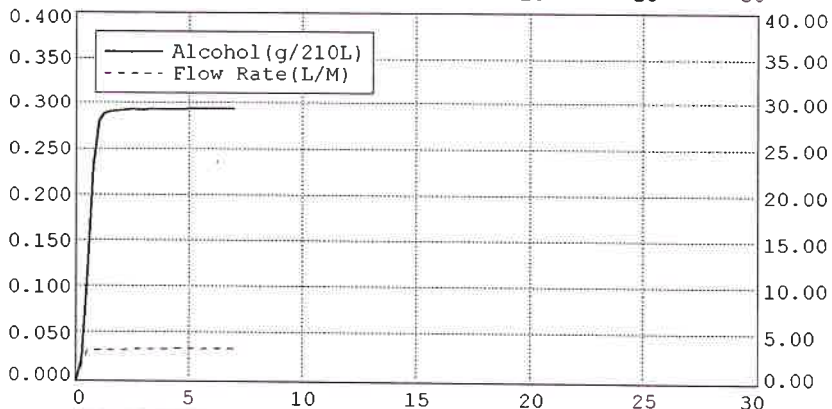
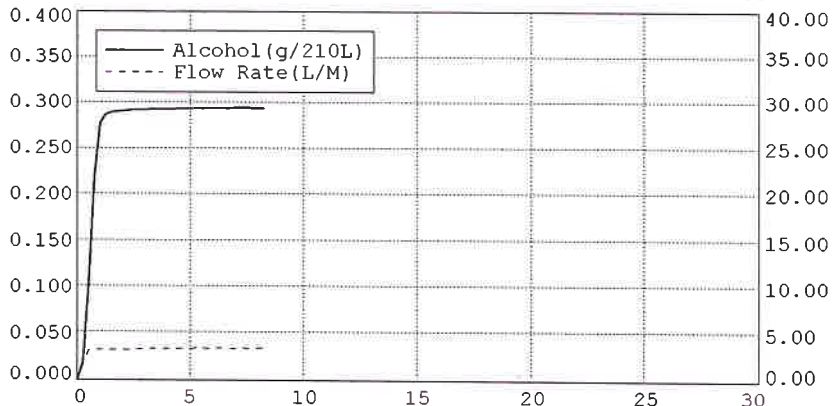
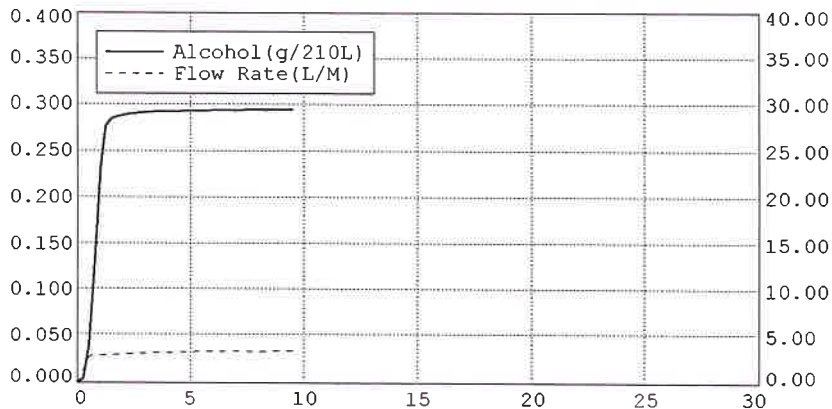
Lot AG516110

Exp 06/10/2027

Tank 001

MWC 06/18/25

Tank 001 Average: 0.295



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 06/18/2025
Time: 13:55:26

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.300
TARGET AT 29.79: 0.299
TANK PRESSURE: 454 psi

BLANK TEST	0.000	13:56
INTERNAL STANDARD	VERIFIED	13:56
EXTERNAL STANDARD	0.294	13:56
BLANK TEST	0.000	13:57
EXTERNAL STANDARD	0.294	13:58
BLANK TEST	0.000	13:58
EXTERNAL STANDARD	0.294	13:59
BLANK TEST	0.000	14:00
EXTERNAL STANDARD	0.294	14:00
BLANK TEST	0.000	14:01
EXTERNAL STANDARD	0.294	14:01
BLANK TEST	0.000	14:02

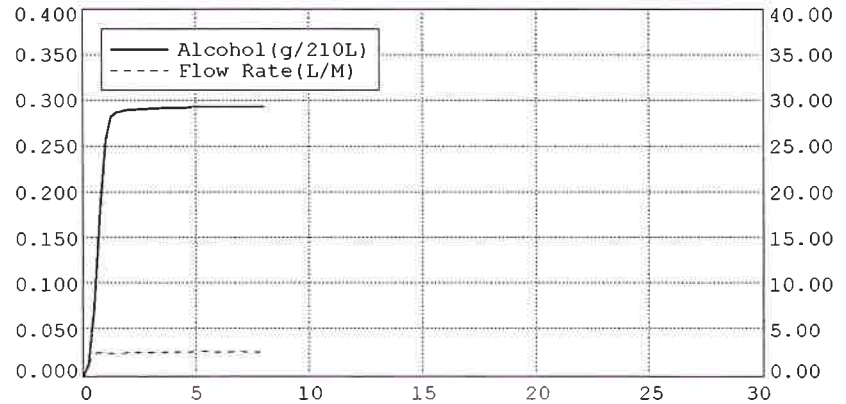
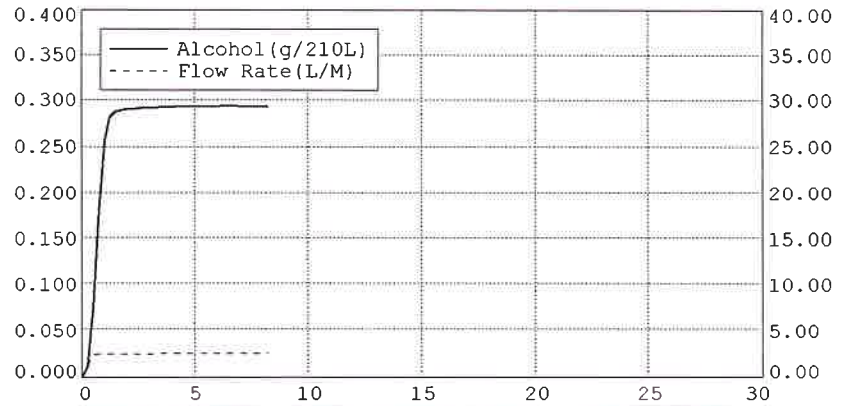
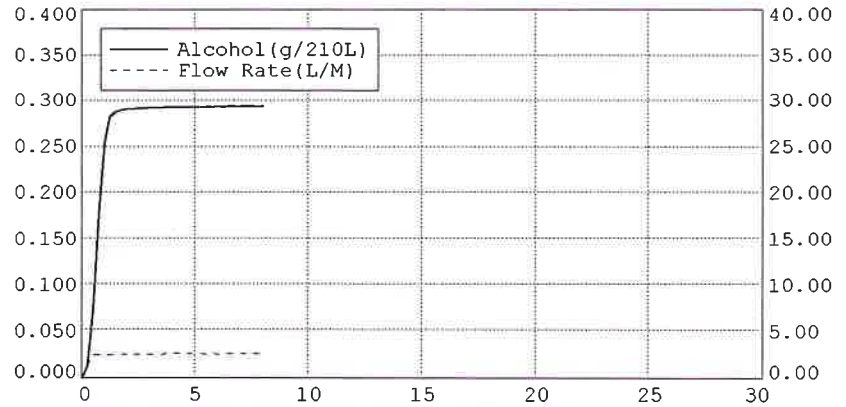
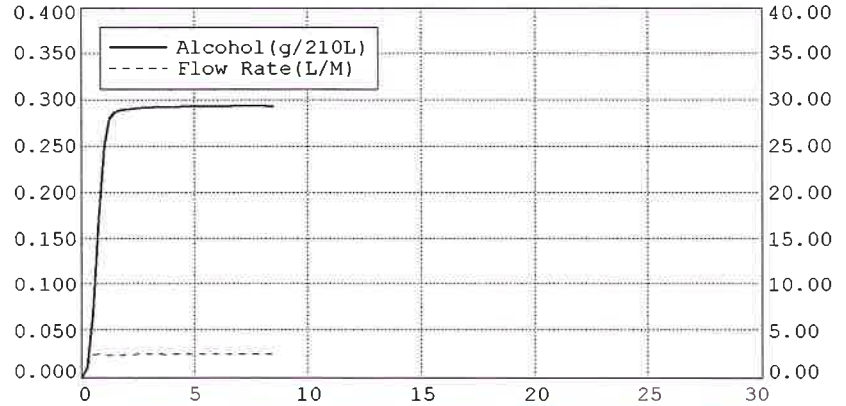
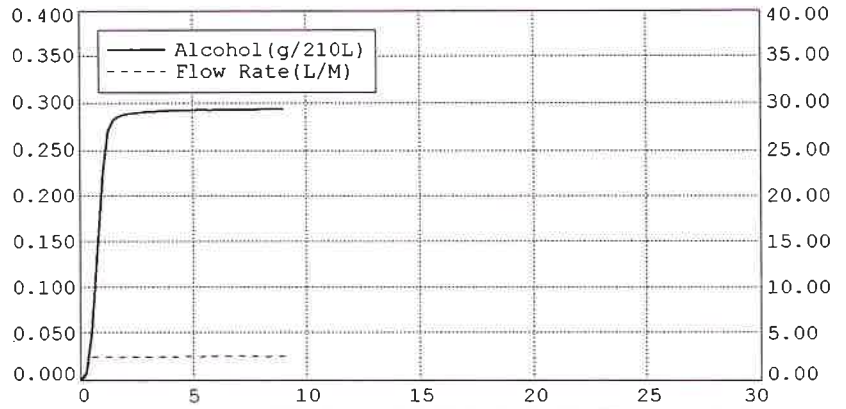
Average = 0.2940
Std Dev = 0.0000

Lot AG516110

Exp 06/10/2027

Tank 001

MNC 06/18/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 06/18/2025
Time: 14:03:41

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.300
TARGET AT 29.79: 0.299
TANK PRESSURE: 430 psi

BLANK TEST	0.000	14:05
INTERNAL STANDARD	VERIFIED	14:05
EXTERNAL STANDARD	0.297	14:05
BLANK TEST	0.000	14:06
EXTERNAL STANDARD	0.297	14:06
BLANK TEST	0.000	14:07
EXTERNAL STANDARD	0.296	14:07
BLANK TEST	0.000	14:08
EXTERNAL STANDARD	0.296	14:08
BLANK TEST	0.000	14:09
EXTERNAL STANDARD	0.297	14:10
BLANK TEST	0.000	14:11

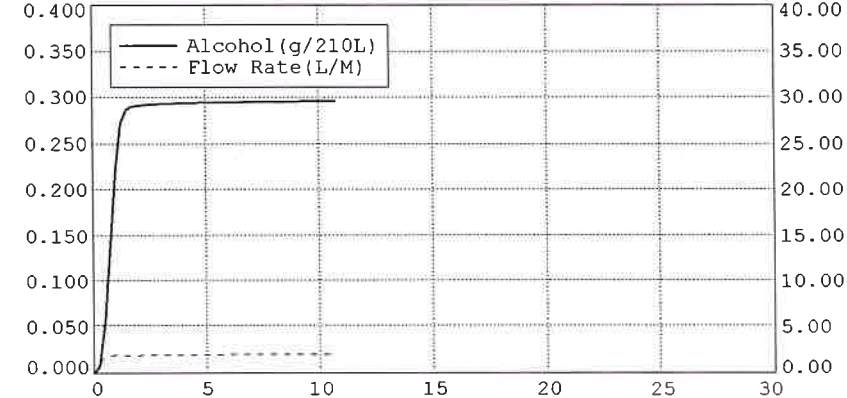
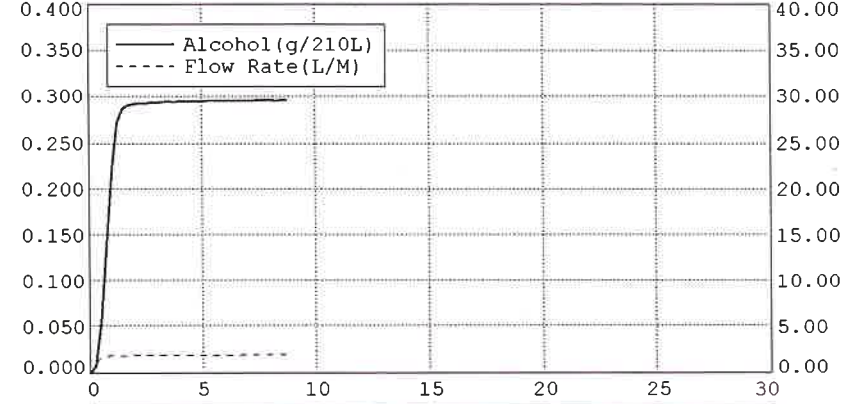
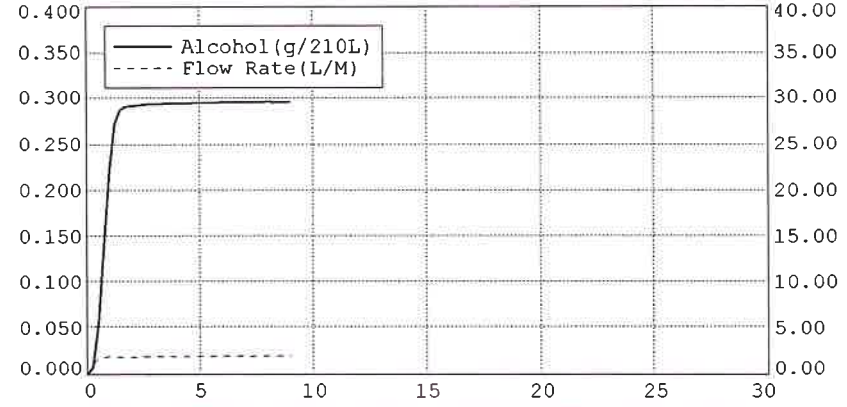
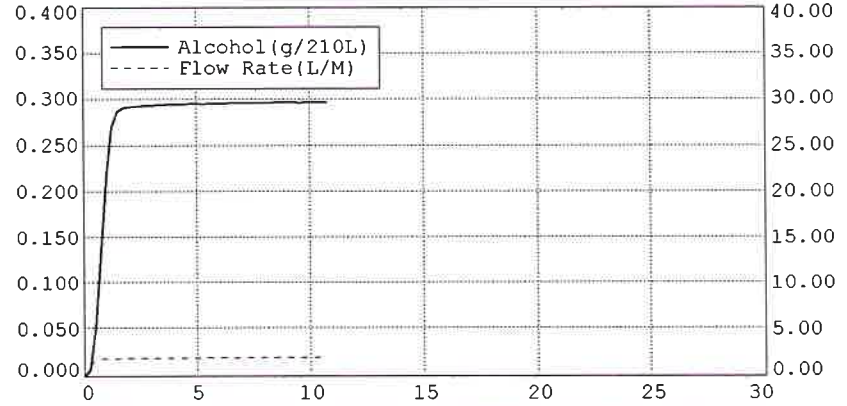
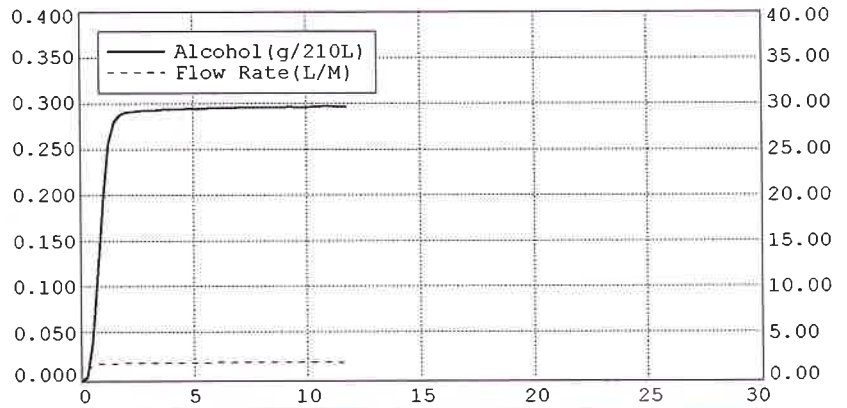
Average = 0.2966
Std Dev = 0.0005

Lot AG516110

Exp 06/10/2027

Tank 001

MNC 06/18/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100375

Date: 06/18/2025
Time: 14:03:28

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.300
TARGET AT 29.78: 0.299
TANK PRESSURE: 453 psi

BLANK TEST	0.000	14:05
INTERNAL STANDARD	VERIFIED	14:05
EXTERNAL STANDARD	0.293	14:05
BLANK TEST	0.000	14:06
EXTERNAL STANDARD	0.292	14:06
BLANK TEST	0.000	14:07
EXTERNAL STANDARD	0.292	14:07
BLANK TEST	0.000	14:08
EXTERNAL STANDARD	0.292	14:08
BLANK TEST	0.000	14:09
EXTERNAL STANDARD	0.292	14:10
BLANK TEST	0.000	14:10

Average = 0.2922
Std Dev = 0.0004

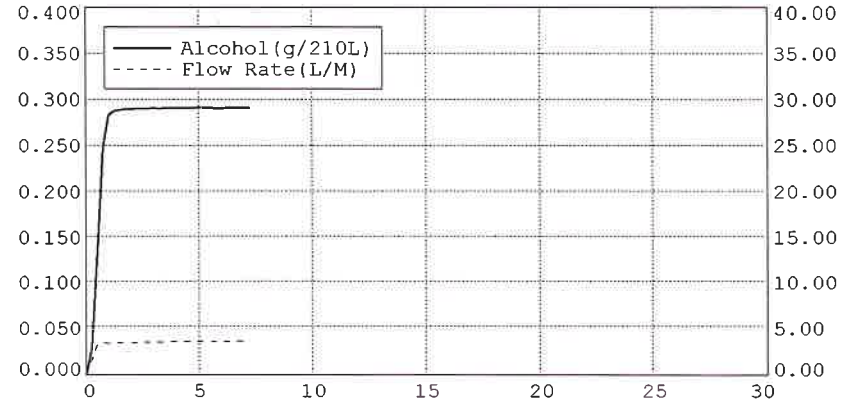
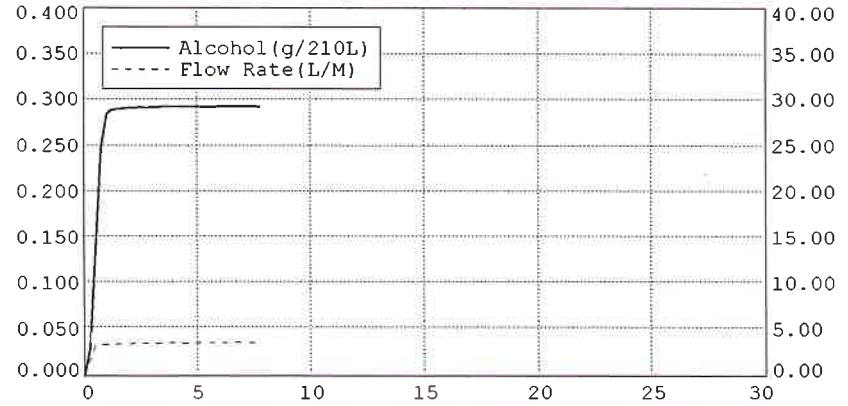
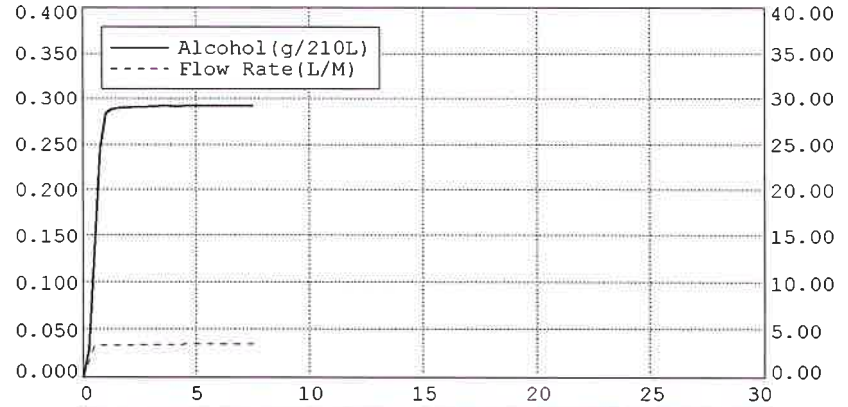
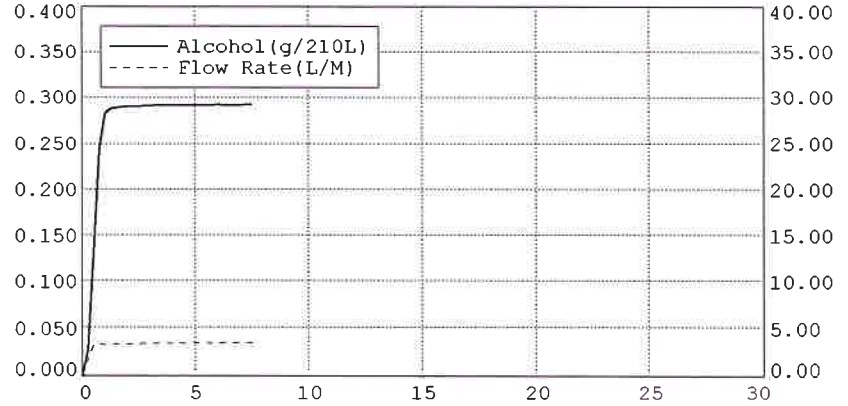
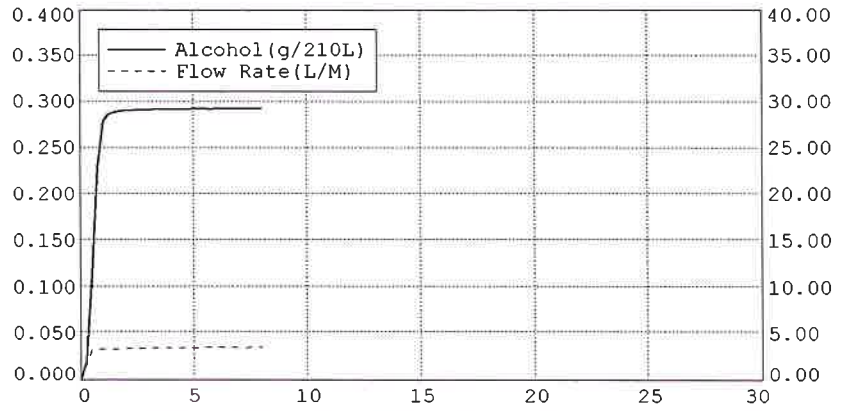
Lot AG516110

Exp 06/10/2027

Tank 002

MNC 06/18/25

Tank 002 Average: 0.293



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 06/18/2025
Time: 13:43:34

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.300
TARGET AT 29.78: 0.299
TANK PRESSURE: 483 psi

BLANK TEST	0.000	13:44
INTERNAL STANDARD	VERIFIED	13:44
EXTERNAL STANDARD	0.292	13:45
BLANK TEST	0.000	13:46
EXTERNAL STANDARD	0.292	13:46
BLANK TEST	0.000	13:47
EXTERNAL STANDARD	0.292	13:47
BLANK TEST	0.000	13:48
EXTERNAL STANDARD	0.292	13:48
BLANK TEST	0.000	13:49
EXTERNAL STANDARD	0.292	13:49
BLANK TEST	0.000	13:50

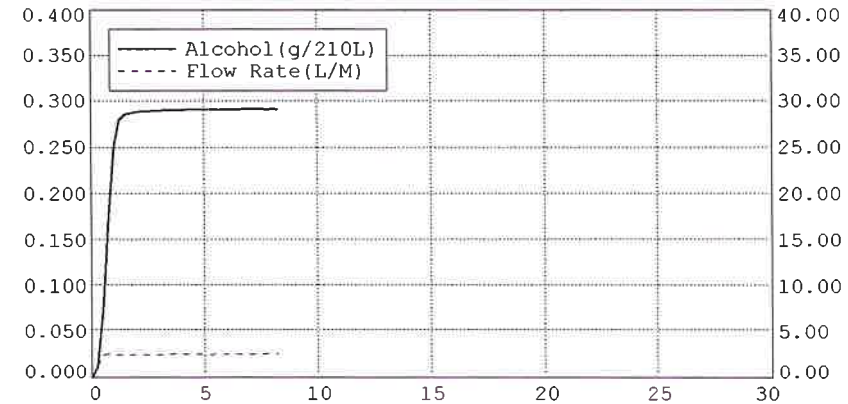
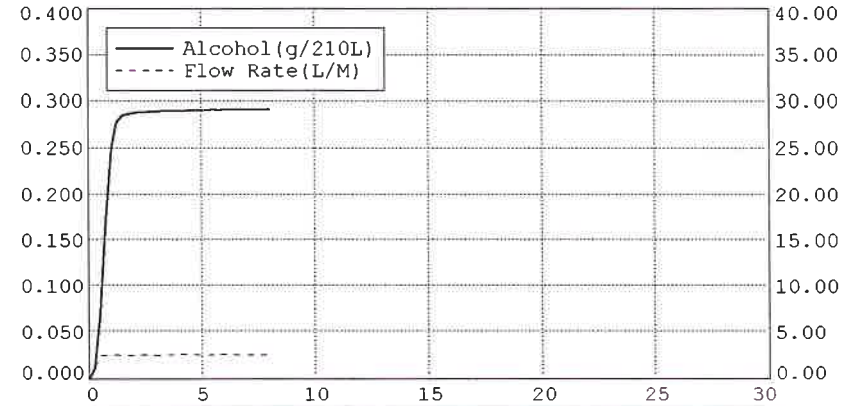
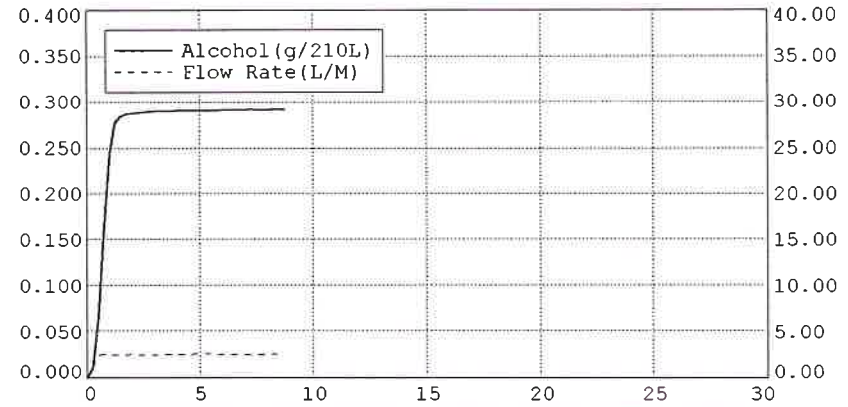
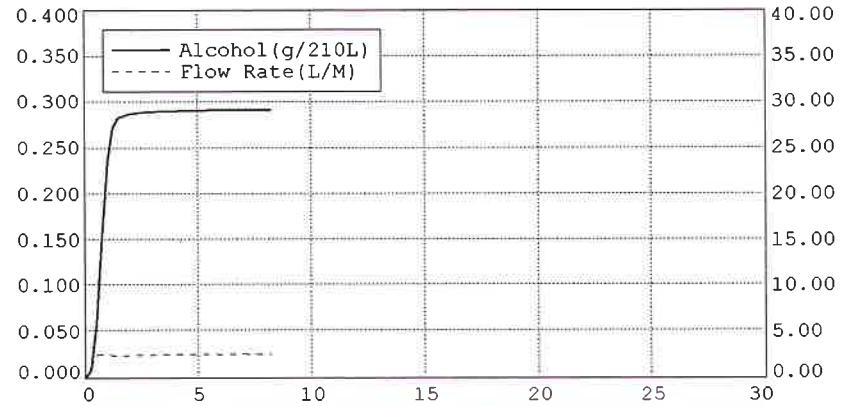
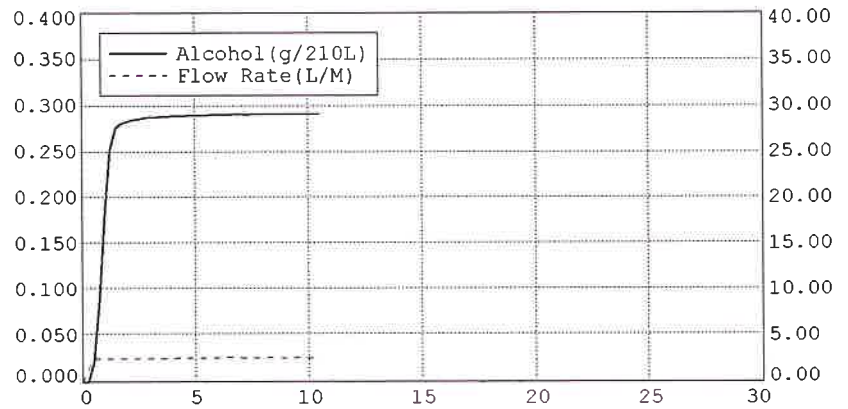
Average = 0.2920
Std Dev = 0.0000

Lot AG516110

Exp 06/10/2027

Tank 002

MWC 06/18/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 06/18/2025
Time: 13:54:08

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.300
TARGET AT 29.79: 0.299
TANK PRESSURE: 460 psi

BLANK TEST	0.000	13:55
INTERNAL STANDARD	VERIFIED	13:55
EXTERNAL STANDARD	0.296	13:56
BLANK TEST	0.000	13:56
EXTERNAL STANDARD	0.295	13:57
BLANK TEST	0.000	13:58
EXTERNAL STANDARD	0.295	13:58
BLANK TEST	0.000	13:59
EXTERNAL STANDARD	0.295	13:59
BLANK TEST	0.000	14:00
EXTERNAL STANDARD	0.294	14:00
BLANK TEST	0.000	14:01

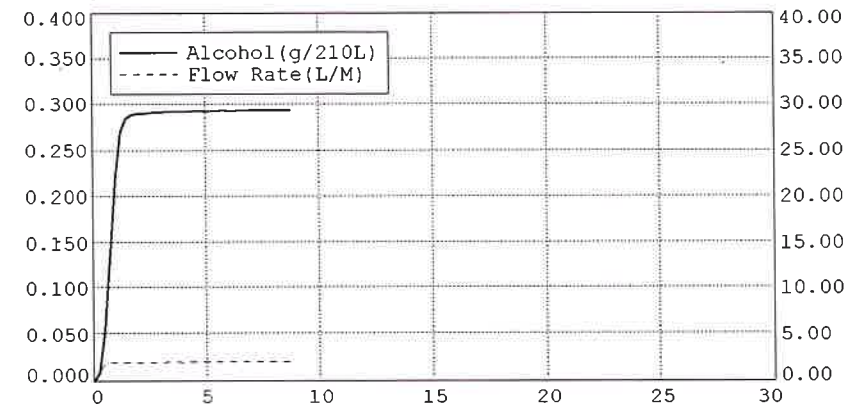
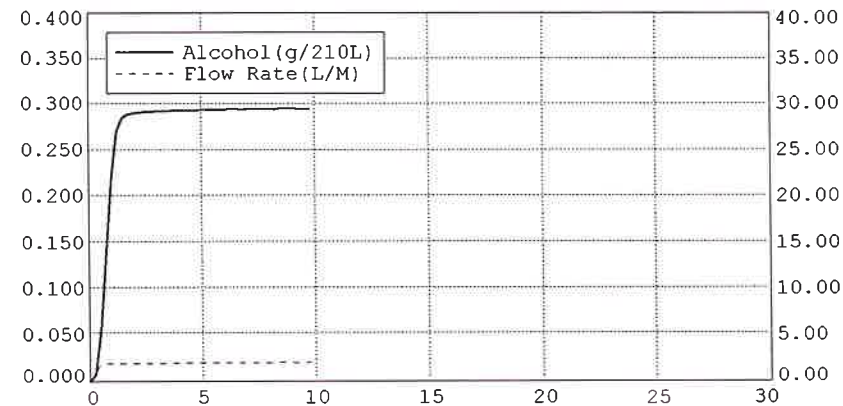
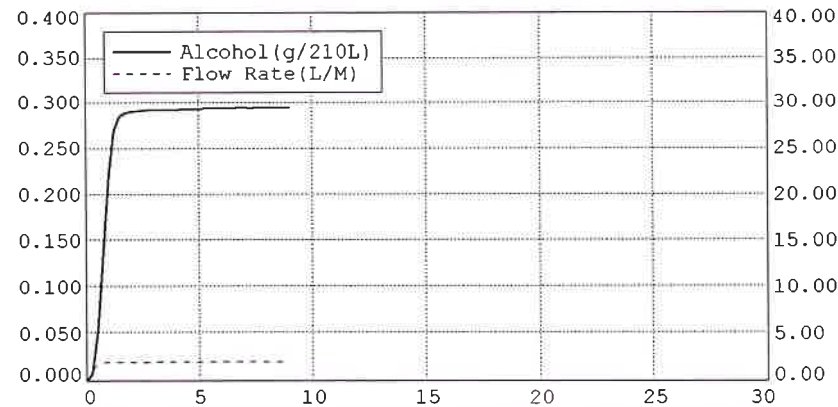
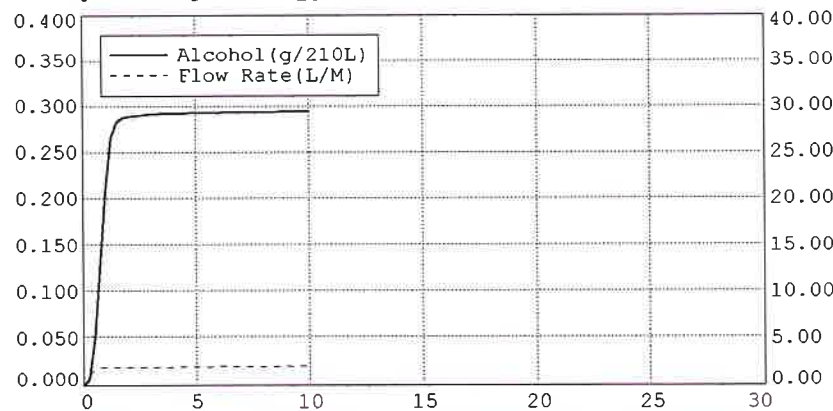
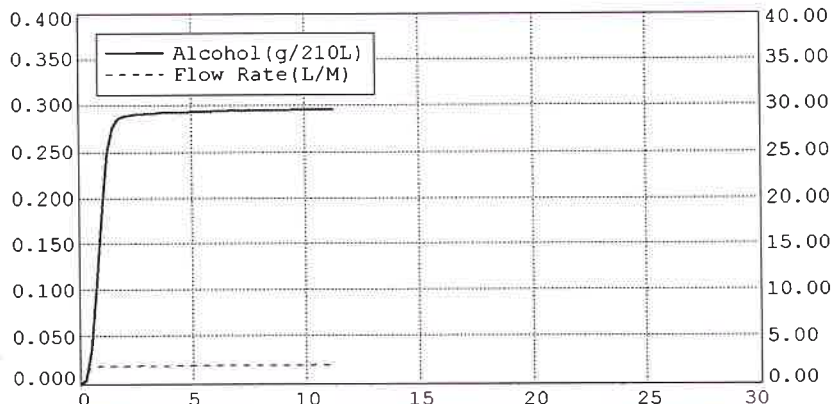
Average = 0.2950
Std Dev = 0.0007

Lot AG516110

Exp 06/10/2027

Tank 002

MNE 06/18/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100375

Date: 06/18/2025
Time: 13:54:55

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.300
TARGET AT 29.79: 0.299
TANK PRESSURE: 469 psi

BLANK TEST	0.000	13:55
INTERNAL STANDARD	VERIFIED	13:56
EXTERNAL STANDARD	0.294	13:56
BLANK TEST	0.000	13:57
EXTERNAL STANDARD	0.293	13:57
BLANK TEST	0.000	13:58
EXTERNAL STANDARD	0.293	13:58
BLANK TEST	0.000	13:59
EXTERNAL STANDARD	0.293	13:59
BLANK TEST	0.000	14:00
EXTERNAL STANDARD	0.293	14:00
BLANK TEST	0.000	14:01

Average = 0.2932
Std Dev = 0.0004

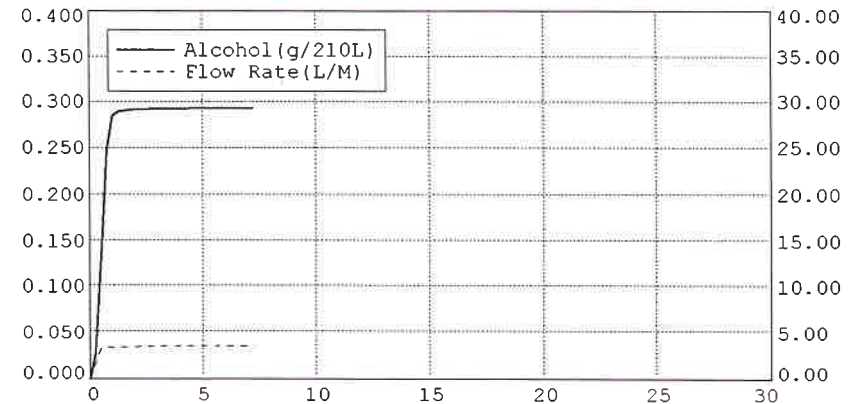
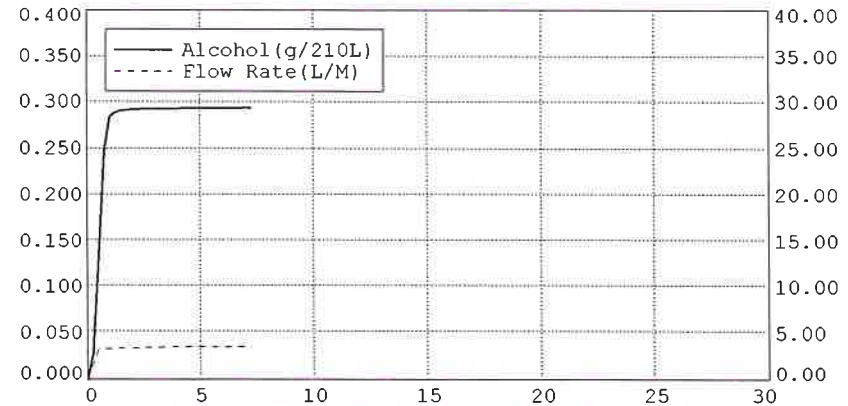
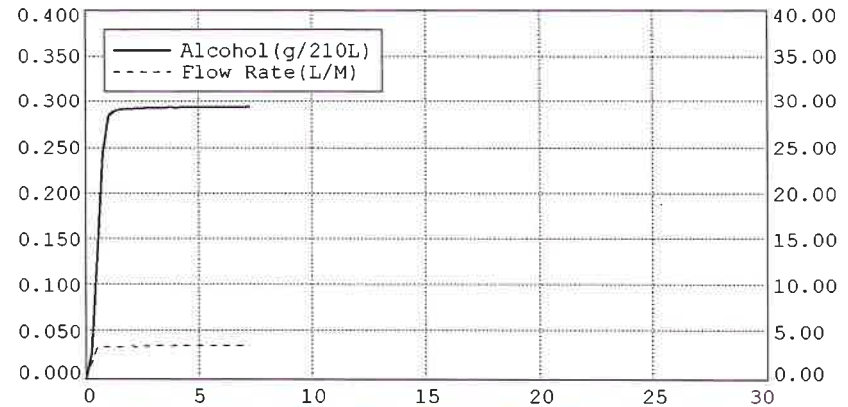
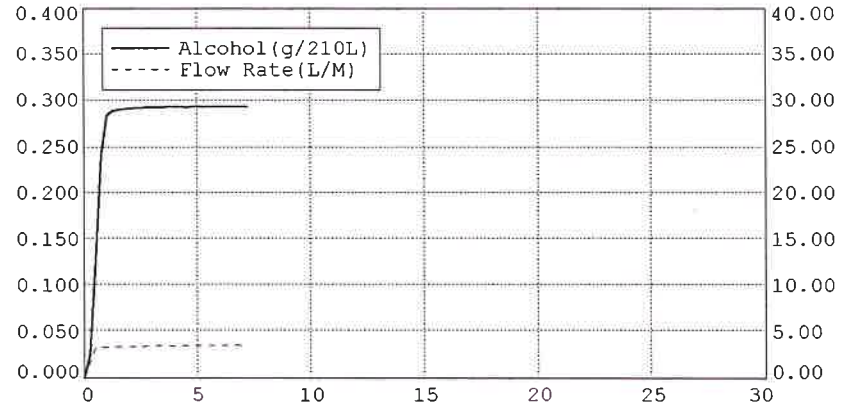
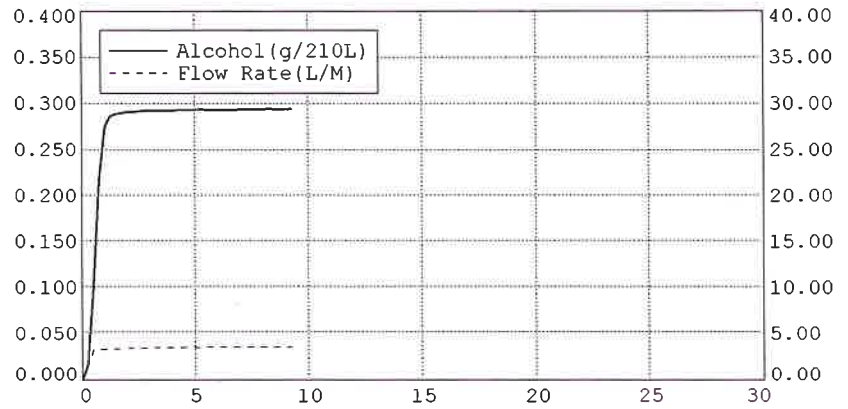
Lot AG516110

Exp 06/10/2027

Tank 003

NWC 06/18/25

Tank 003 Average: 0.295



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 06/18/2025
Time: 14:04:23

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.300
TARGET AT 29.78: 0.299
TANK PRESSURE: 419 psi

BLANK TEST	0.000	14:05
INTERNAL STANDARD	VERIFIED	14:05
EXTERNAL STANDARD	0.295	14:05
BLANK TEST	0.000	14:06
EXTERNAL STANDARD	0.294	14:06
BLANK TEST	0.000	14:07
EXTERNAL STANDARD	0.294	14:08
BLANK TEST	0.000	14:09
EXTERNAL STANDARD	0.295	14:09
BLANK TEST	0.000	14:10
EXTERNAL STANDARD	0.294	14:10
BLANK TEST	0.000	14:11

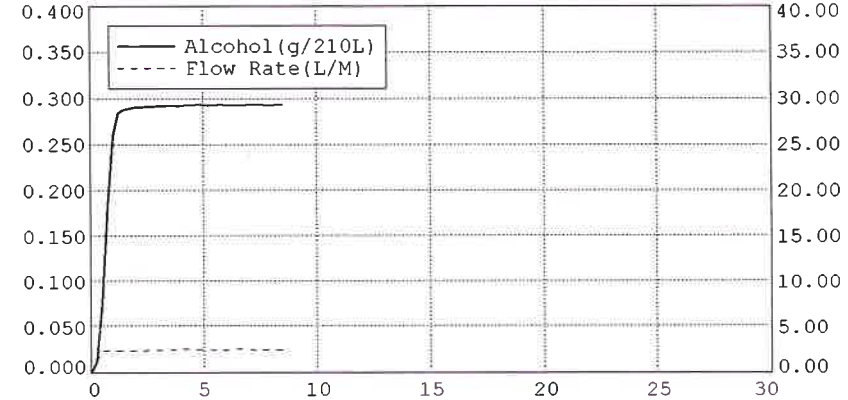
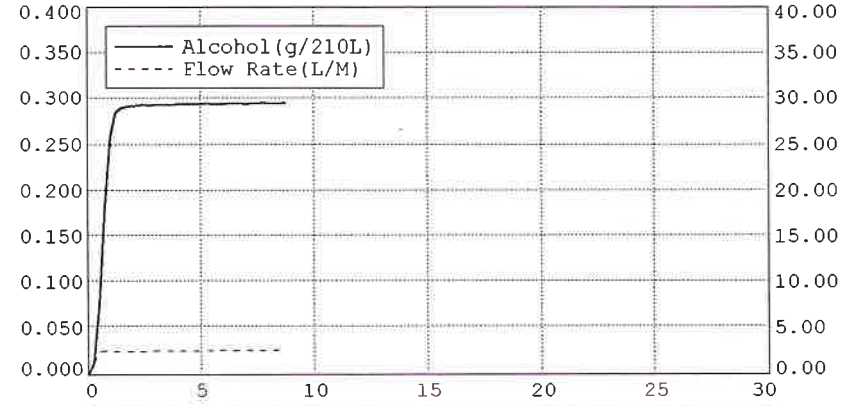
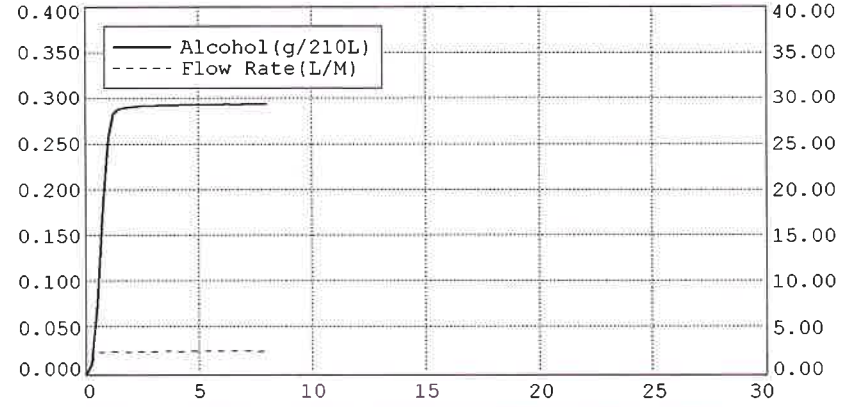
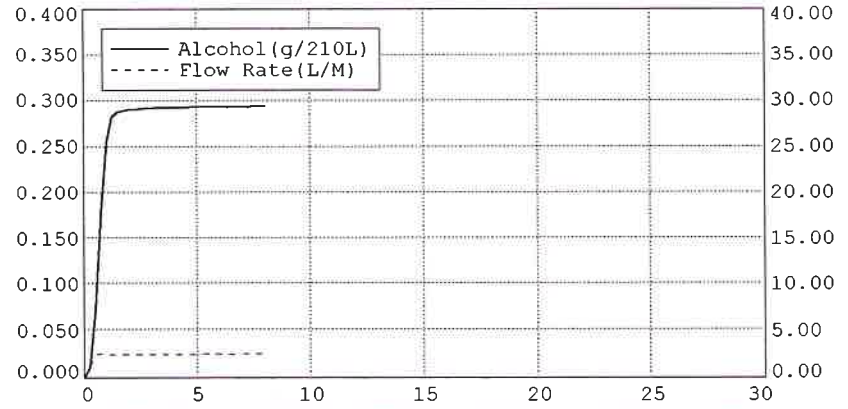
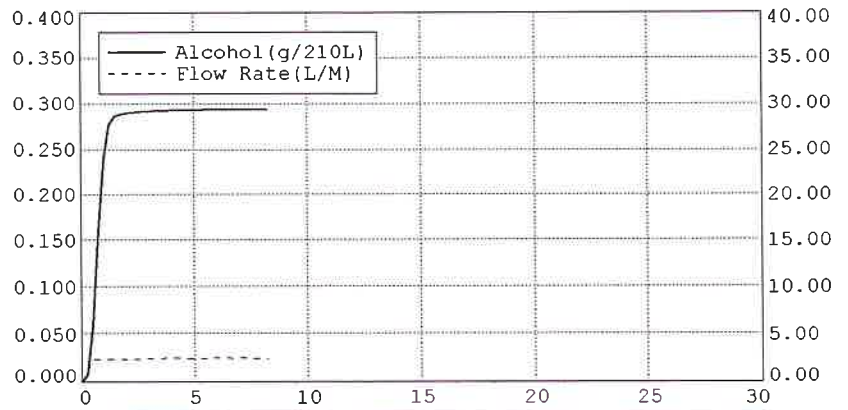
Average = 0.2944
Std Dev = 0.0005

Lot AG516110

Exp 06/10/2027

Tank 003

MNC 06/18/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 06/18/2025
Time: 13:43:59

SUPERVISOR NAME:
MEGAN CARLOCK
OPERATOR'S #: 10747

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.300
TARGET AT 29.79: 0.299
TANK PRESSURE: 478 psi

BLANK TEST	0.000	13:45
INTERNAL STANDARD	VERIFIED	13:45
EXTERNAL STANDARD	0.296	13:45
BLANK TEST	0.000	13:46
EXTERNAL STANDARD	0.296	13:46
BLANK TEST	0.000	13:47
EXTERNAL STANDARD	0.297	13:47
BLANK TEST	0.000	13:48
EXTERNAL STANDARD	0.296	13:49
BLANK TEST	0.000	13:49
EXTERNAL STANDARD	0.296	13:50
BLANK TEST	0.000	13:51

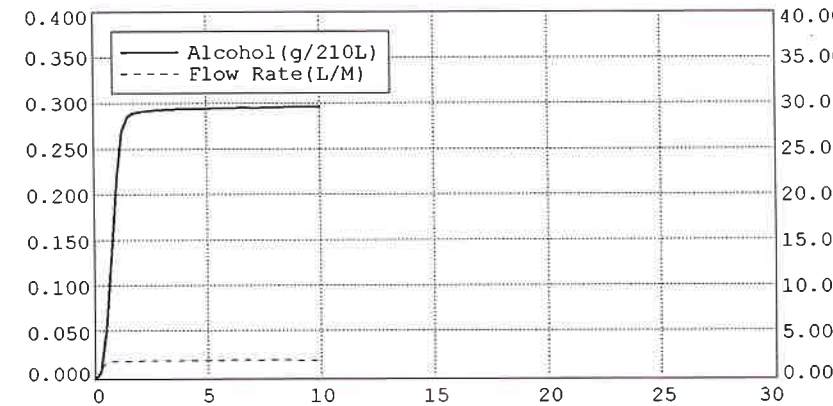
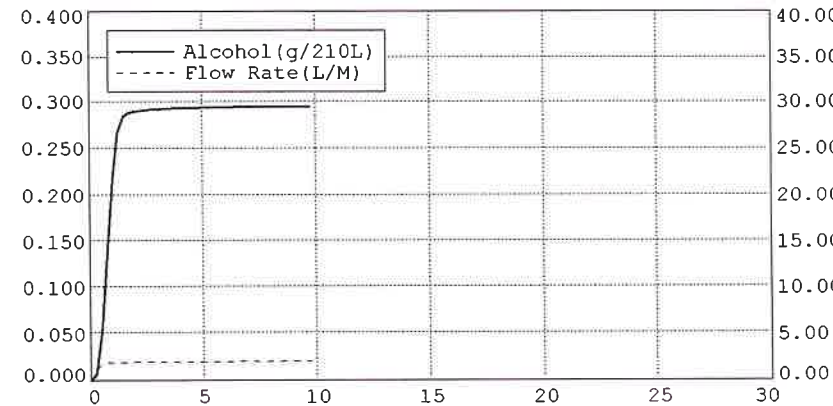
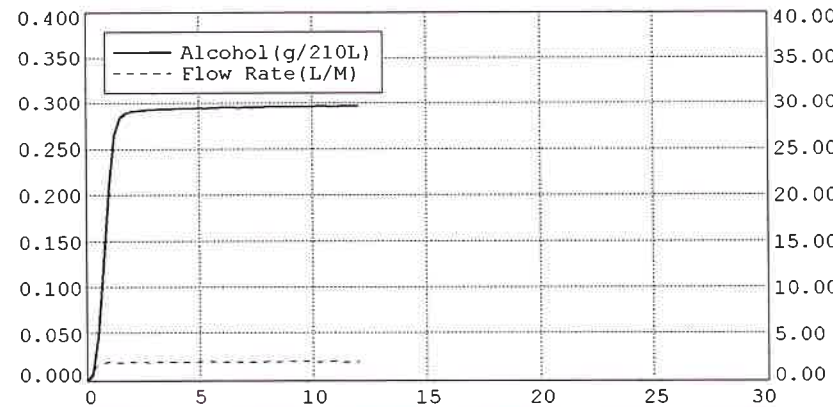
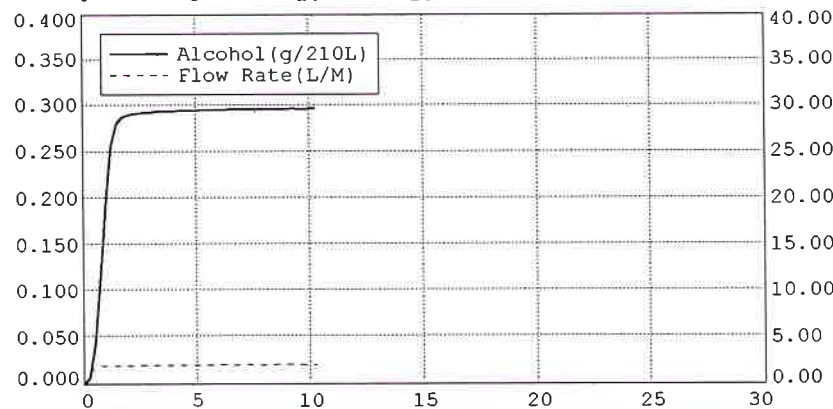
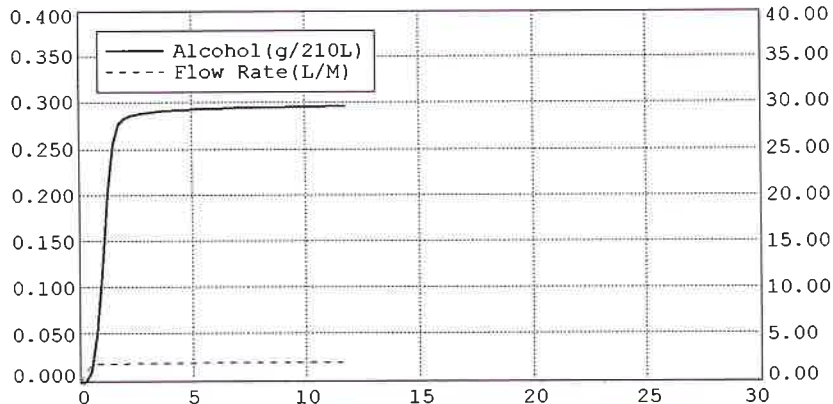
Average = 0.2962
Std Dev = 0.0004

Lot AG516110

Exp 06/10/2027

Tank 003

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

PUMP INFO

Flow Rate = 3.980 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 0.38%	PASSED
(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

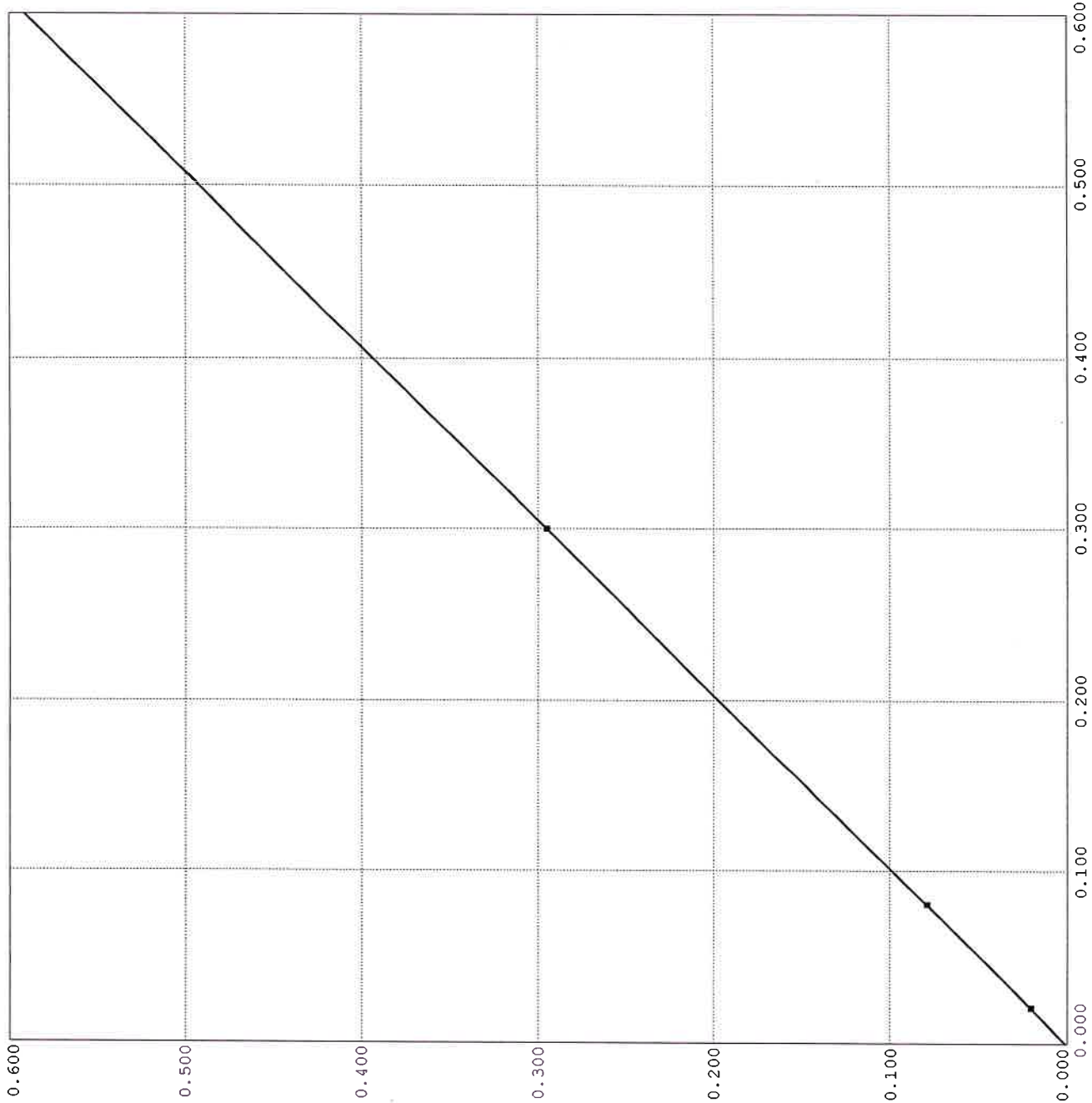
 Alaska Department of Public Safety
 DATAMASTER dmt: 100375

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

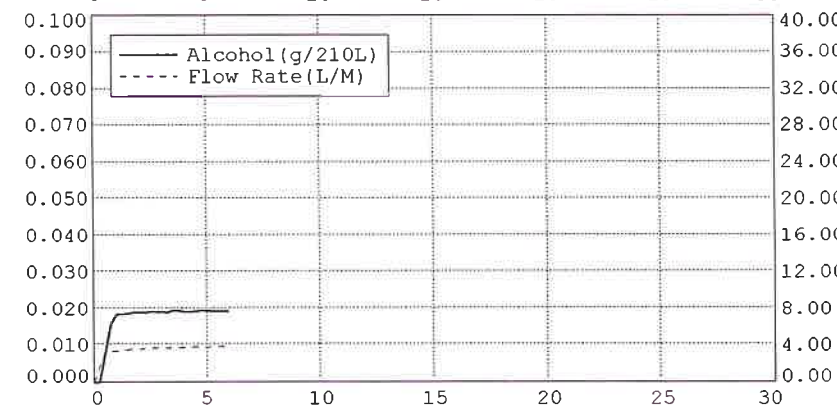
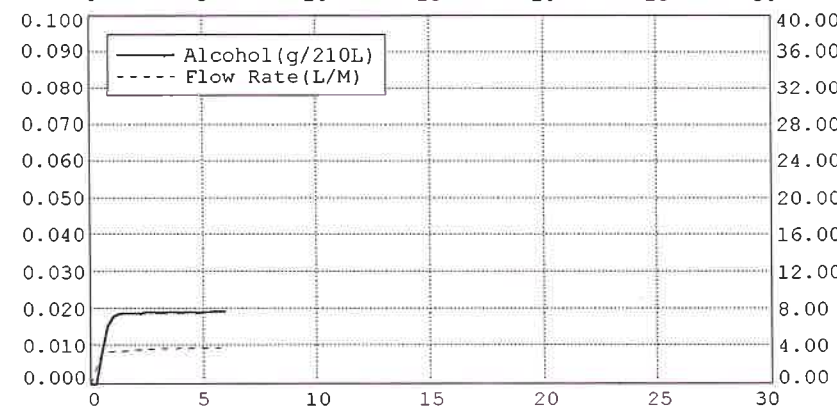
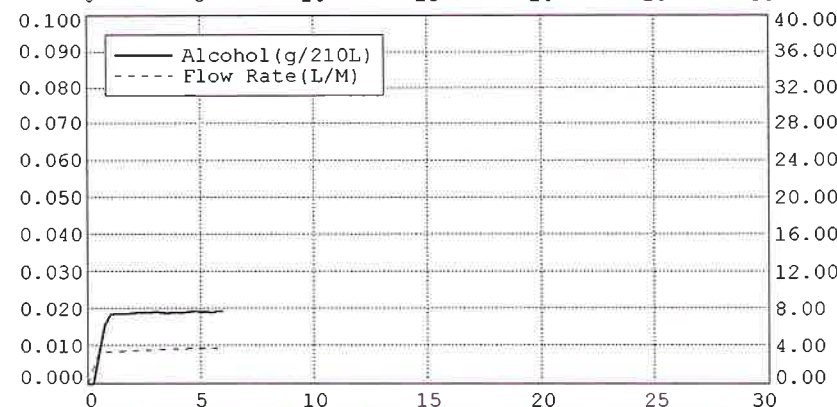
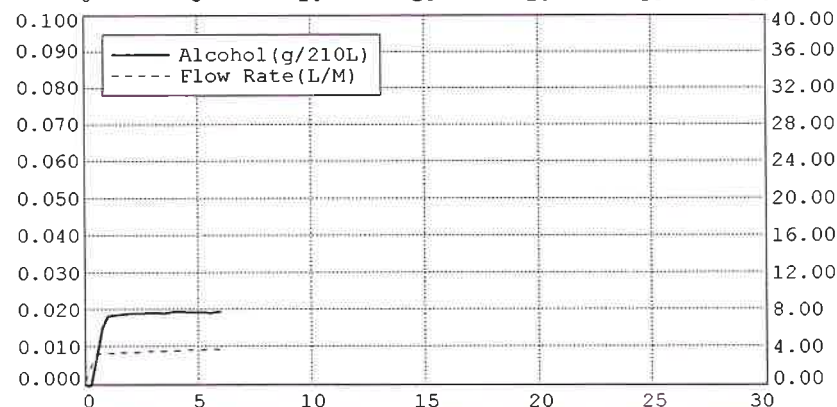
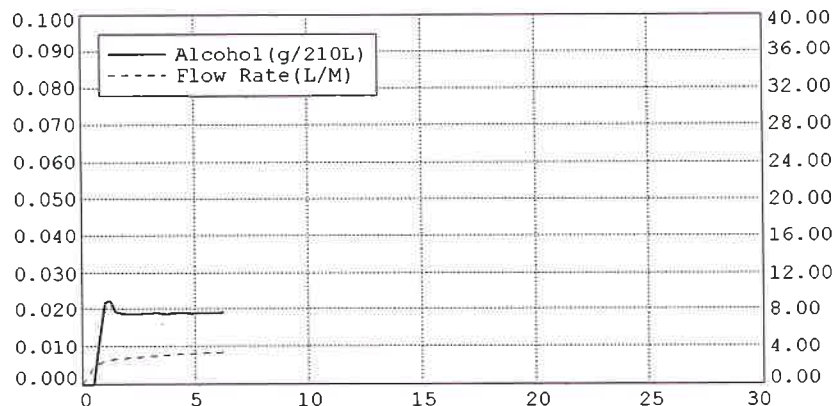
Date: 06/17/2025
Time: 15:28:47

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

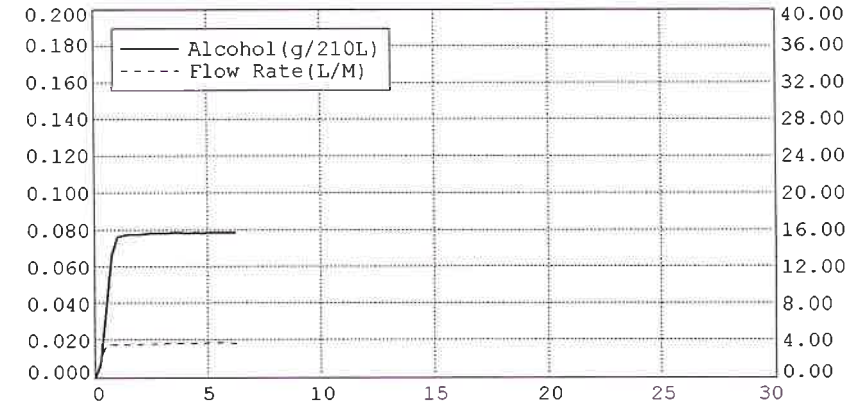
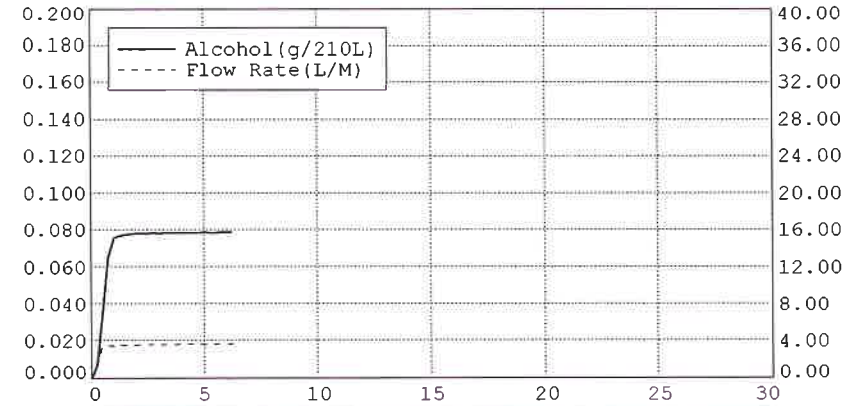
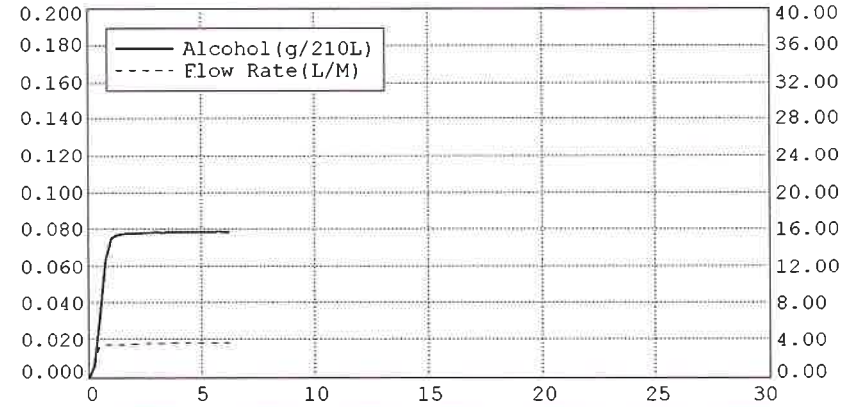
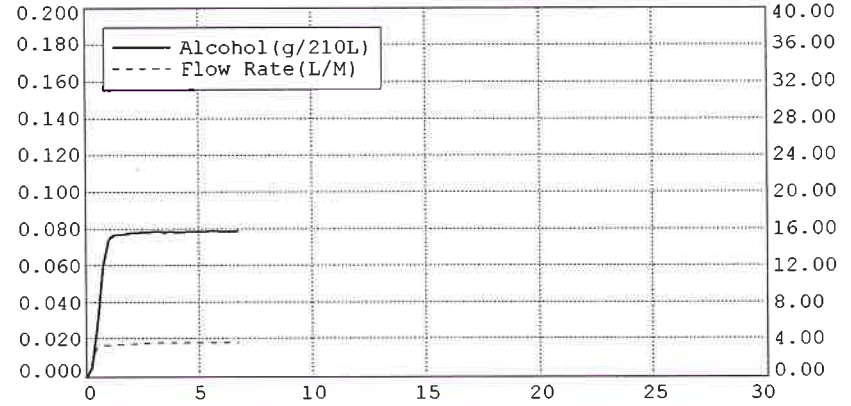
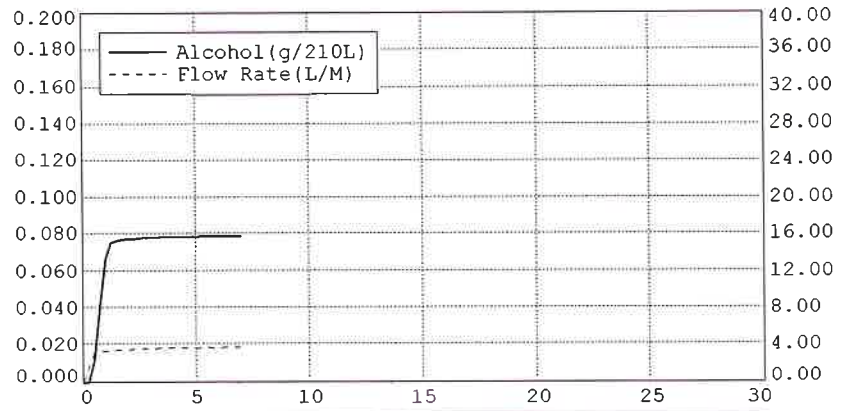
Date: 06/17/2025
Time: 15:36:04

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

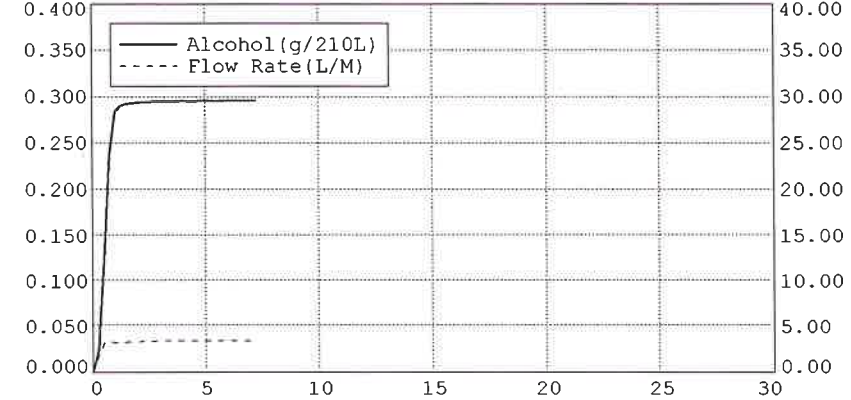
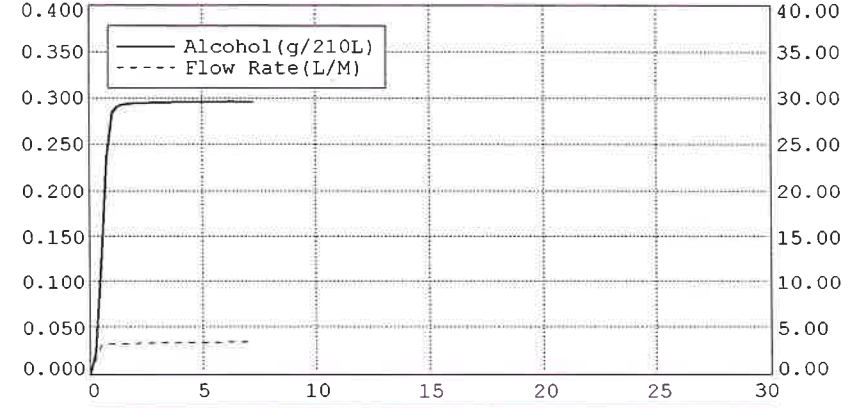
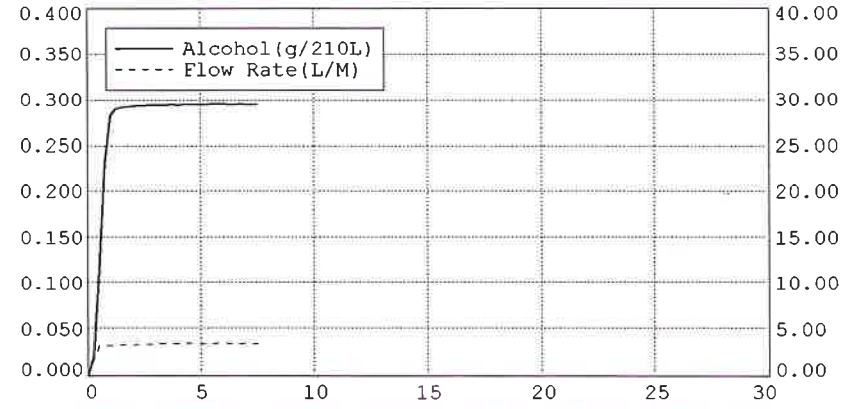
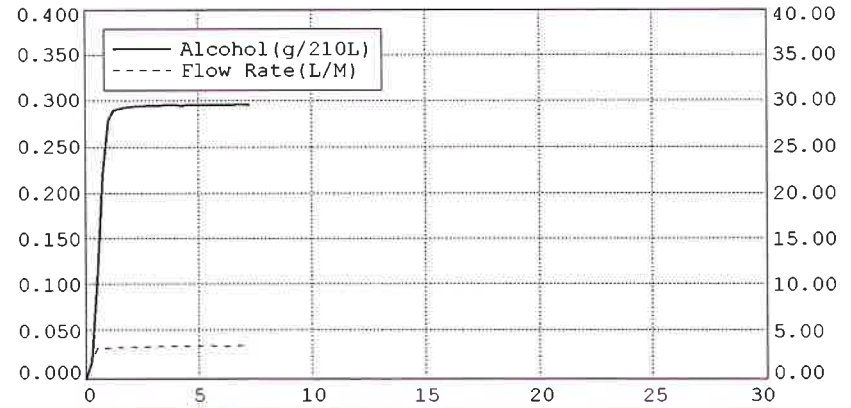
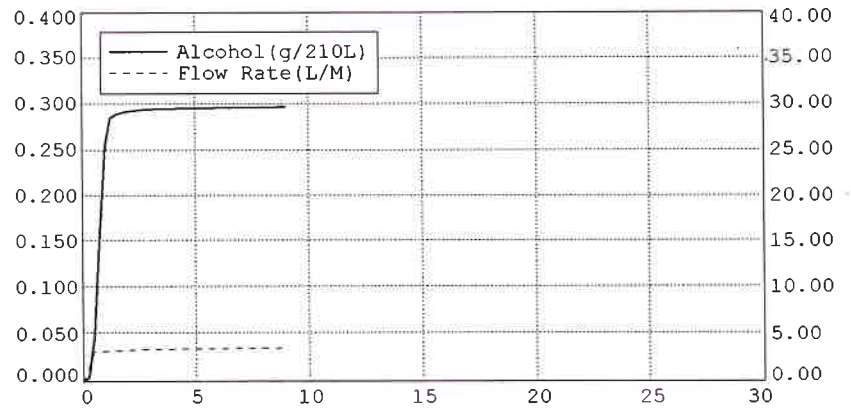
Date: 06/17/2025
Time: 15:43:43

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

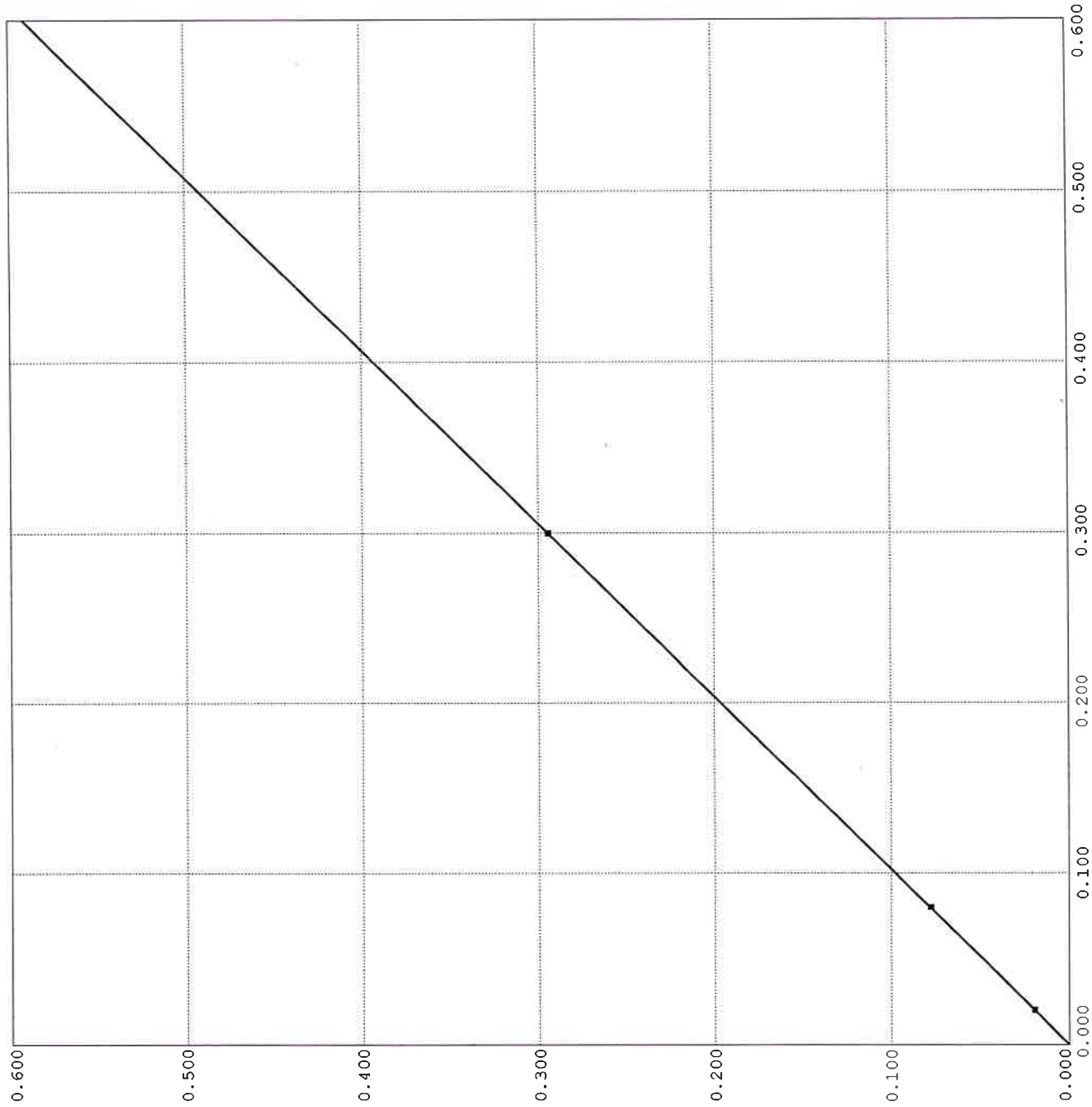
Alaska Department of Public Safety
DATAMASTER dmt: 100397

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

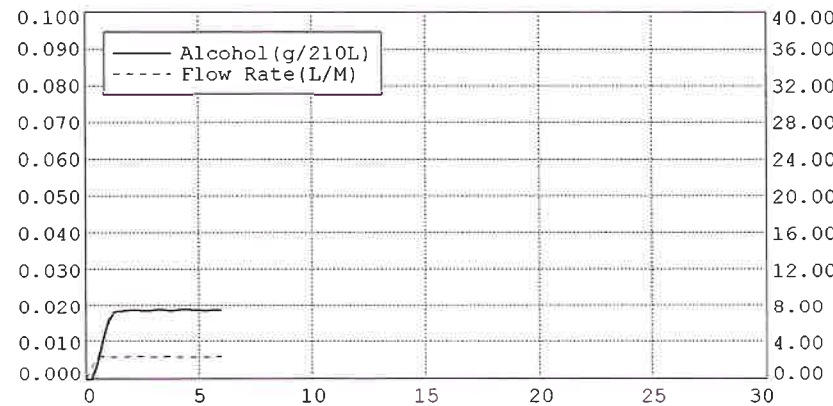
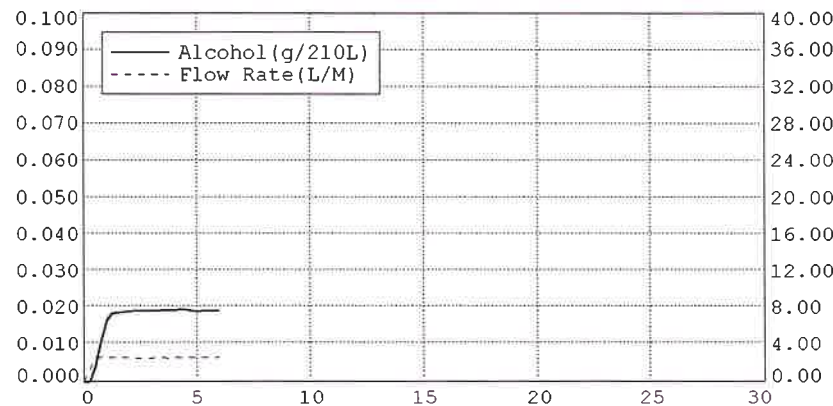
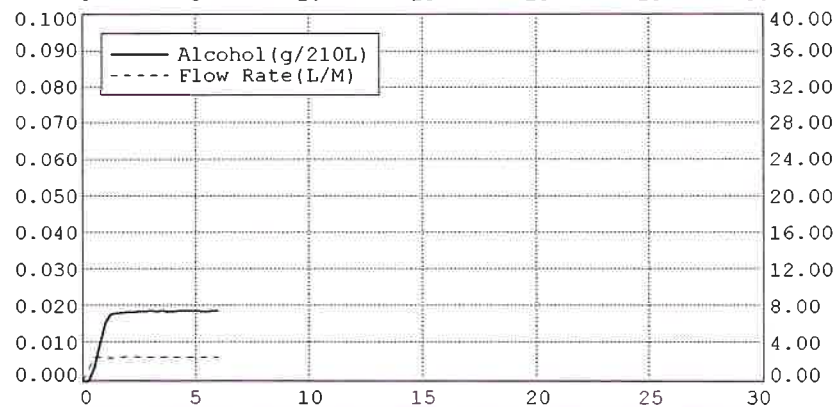
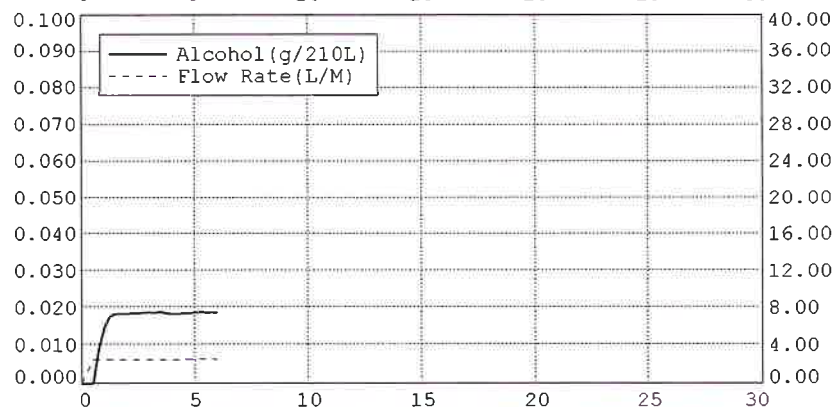
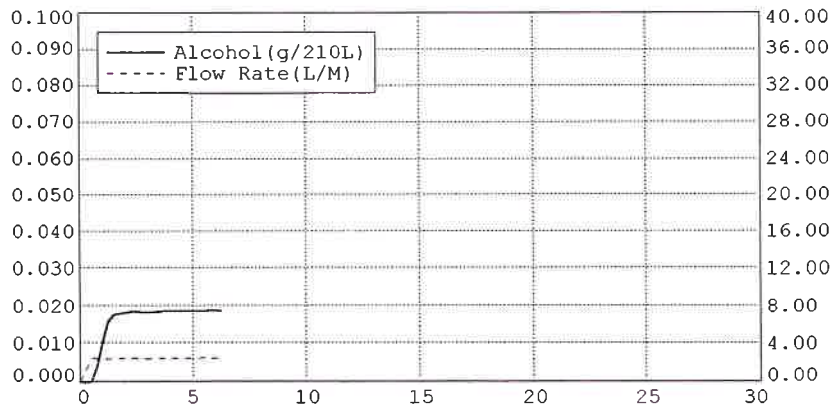
Date: 06/17/2025
Time: 15:28:42

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

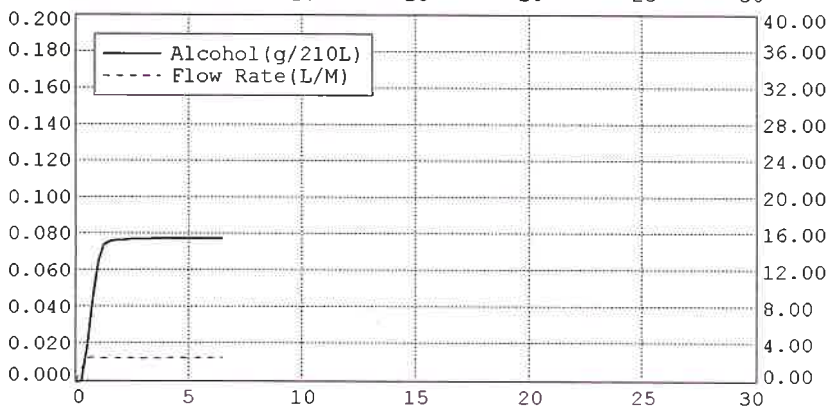
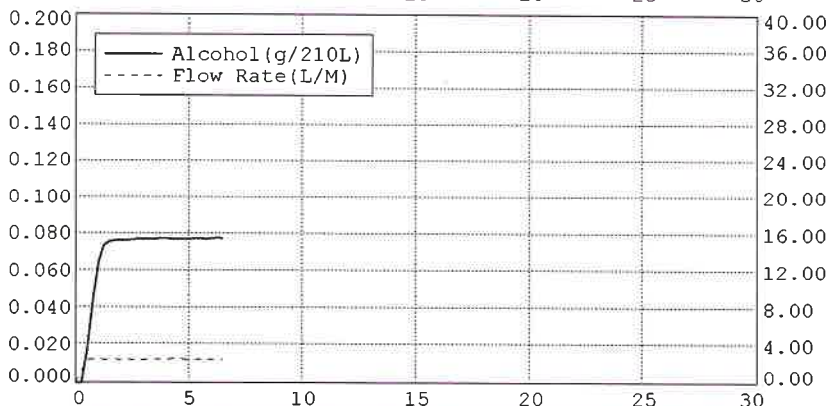
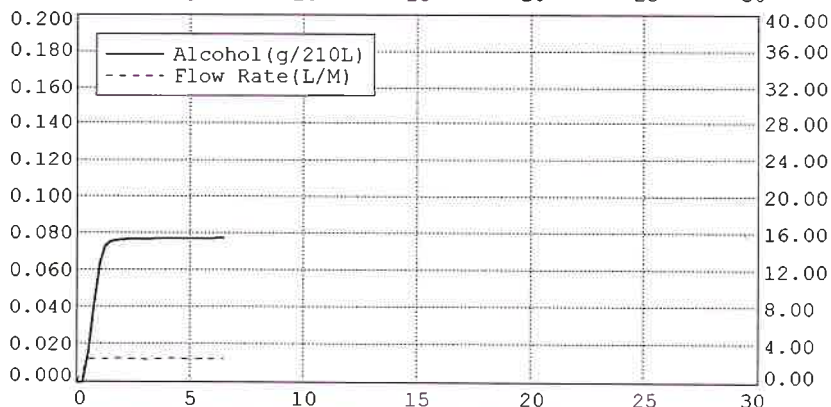
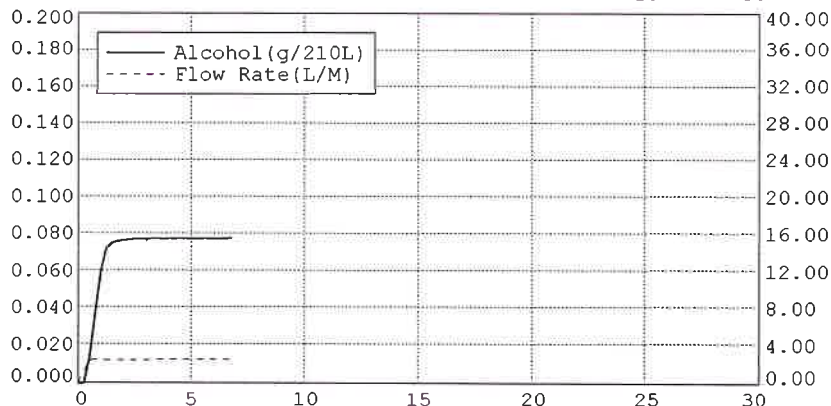
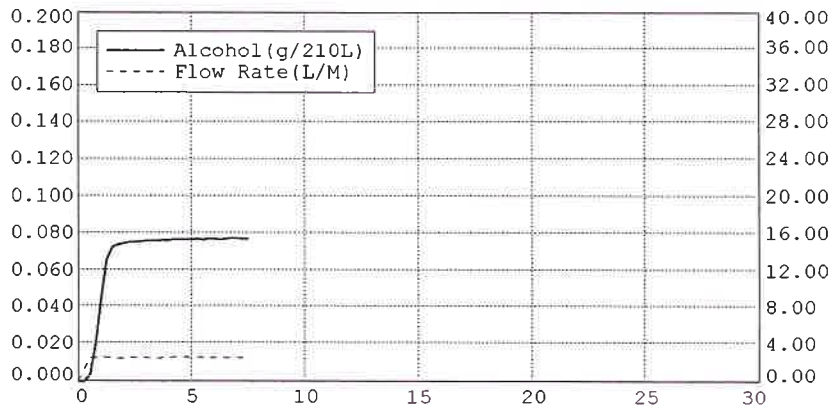
Date: 06/17/2025
Time: 15:36:06

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

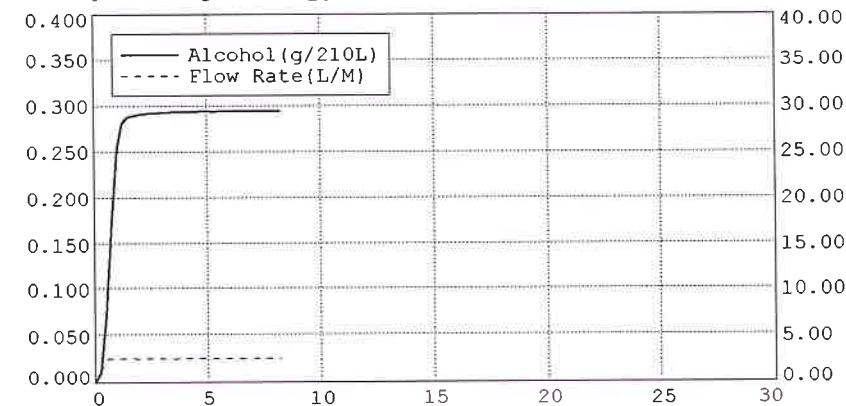
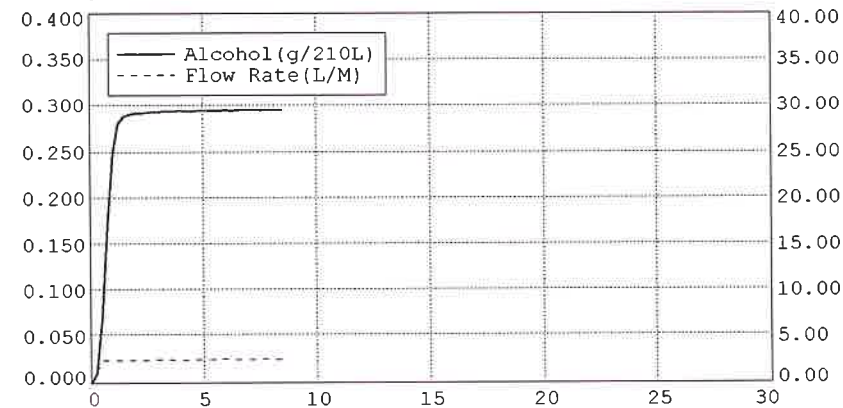
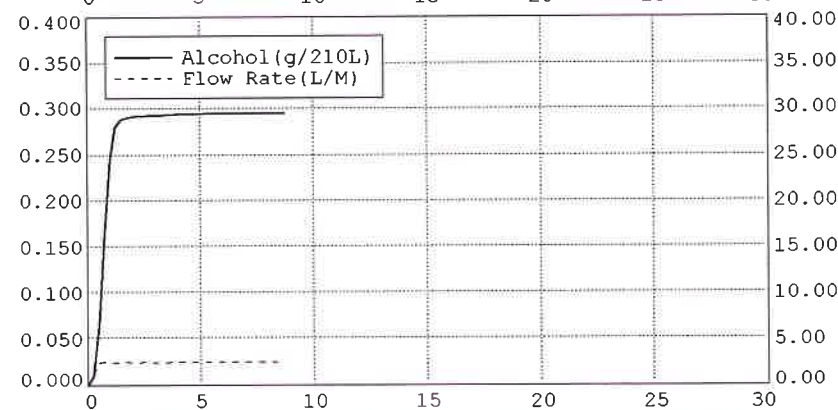
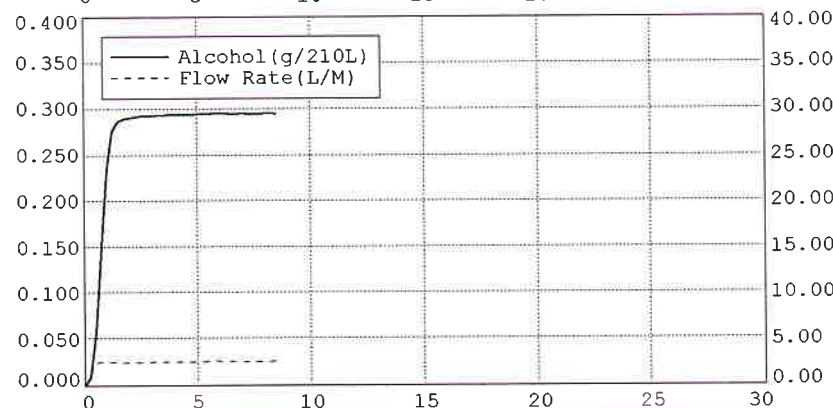
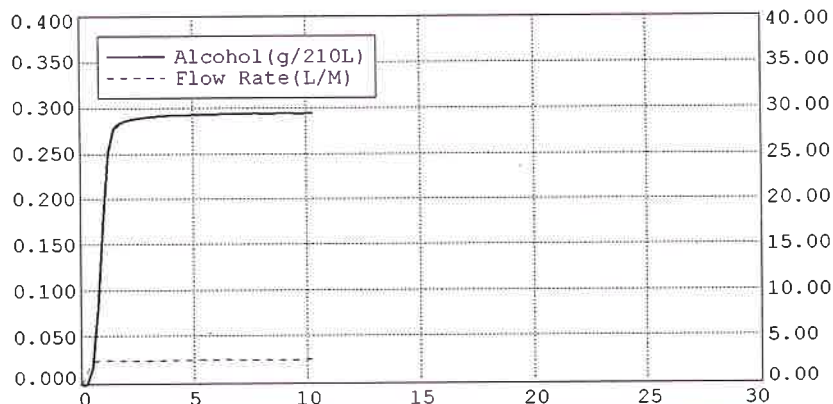
Date: 06/17/2025
Time: 15:43:45

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

SETTINGS

Lamp Voltage = 1.79 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 = 523 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.8 in	

PUMP INFO

Flow Rate = 4.566 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 = 0.086 1.44%	PASSED
(0.00% - 4.00%)	

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

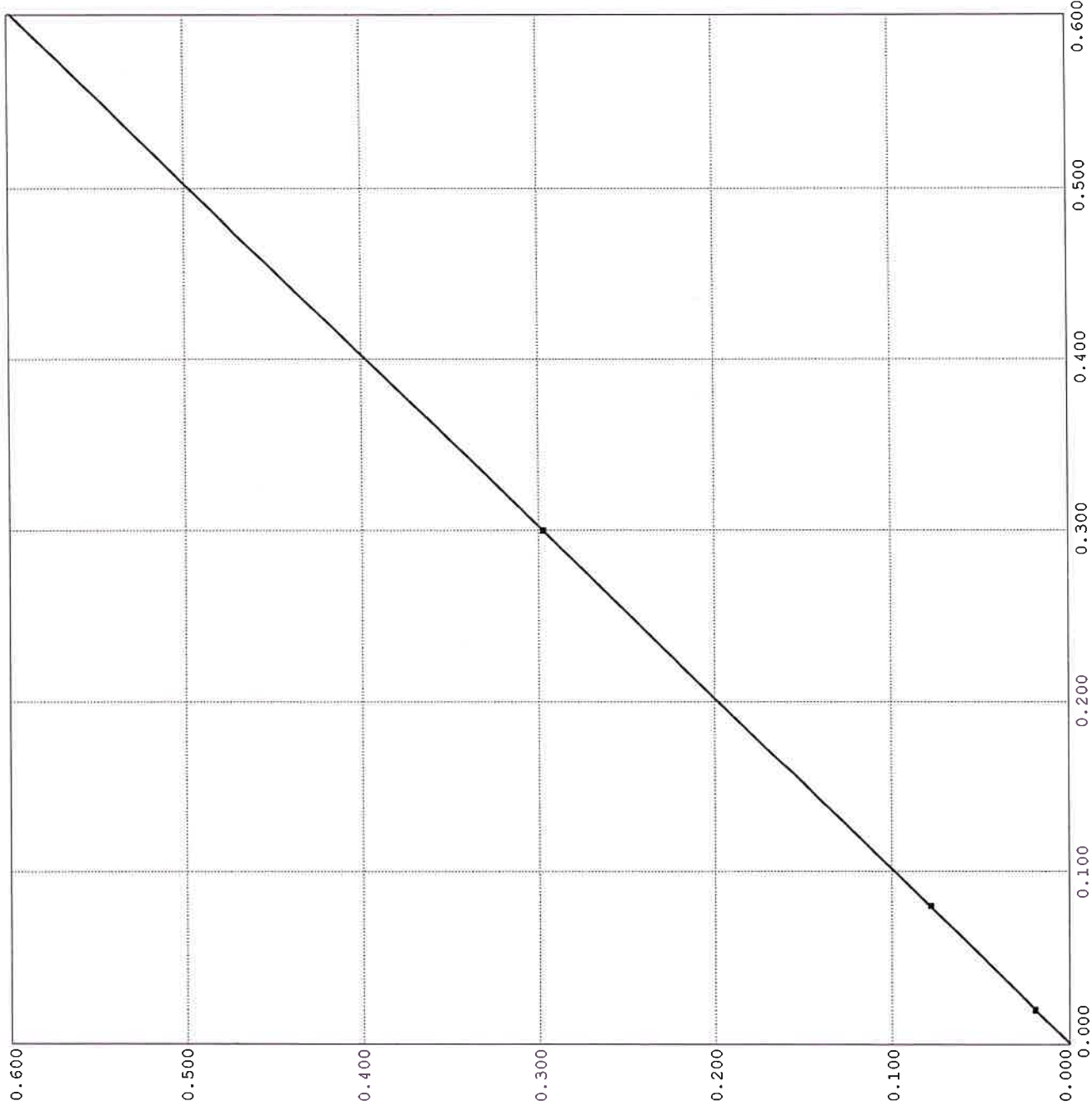
Alaska Department of Public Safety
DATAMASTER dmt: 100399

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

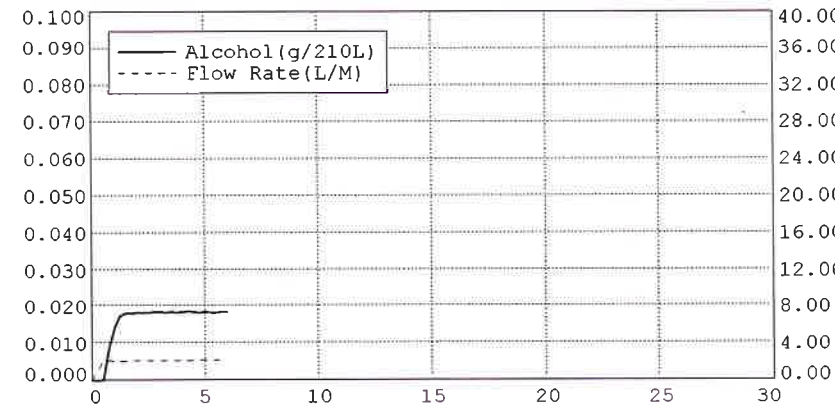
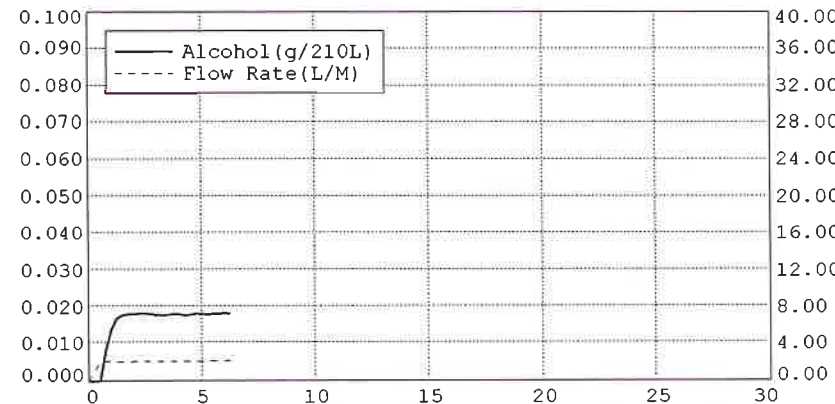
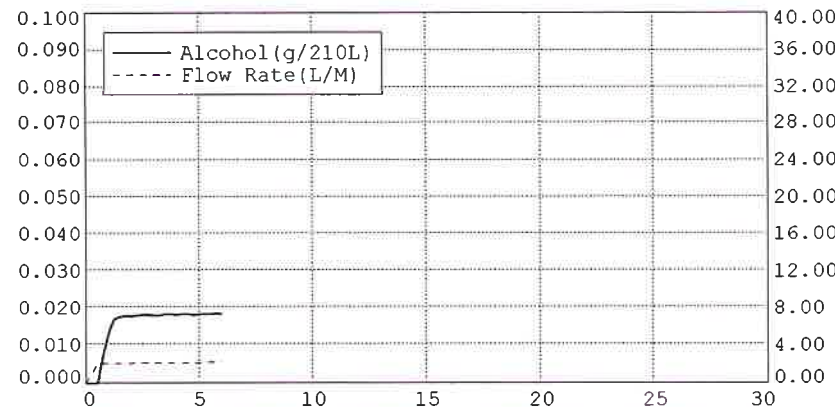
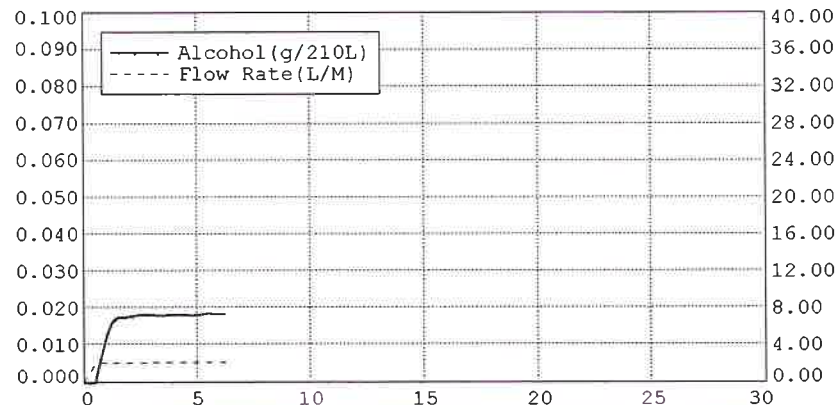
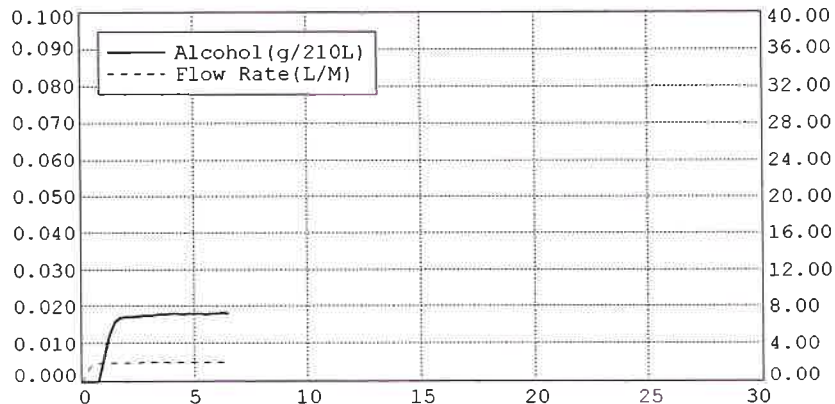
Date: 06/17/2025
Time: 15:29:09

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

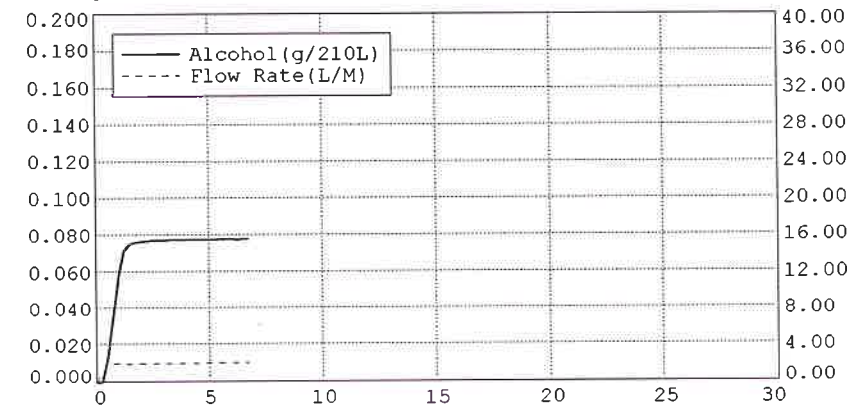
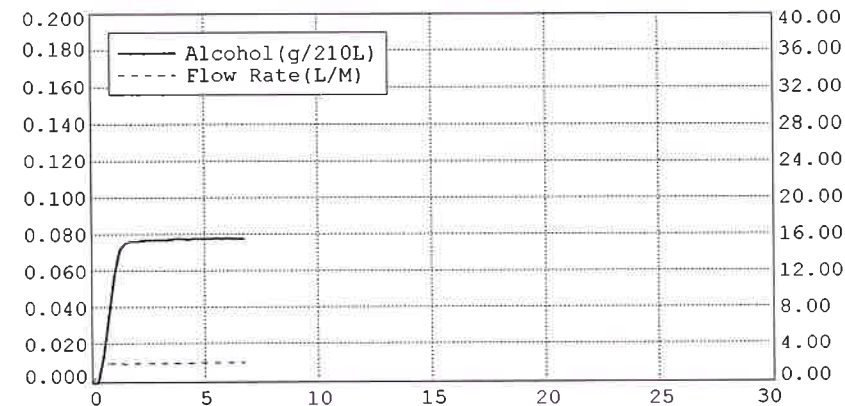
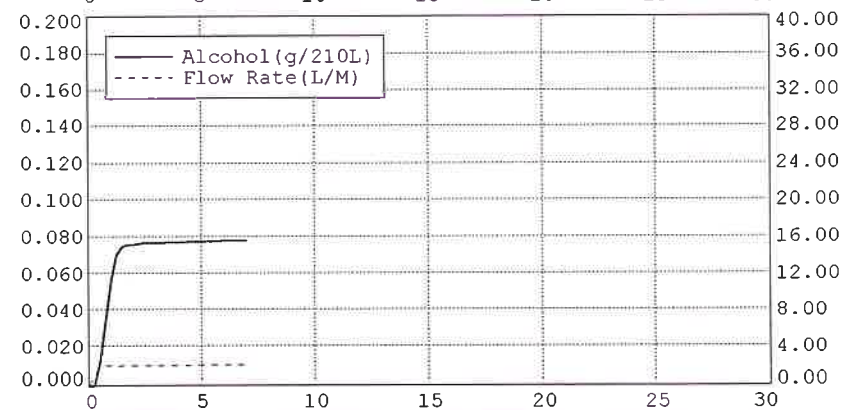
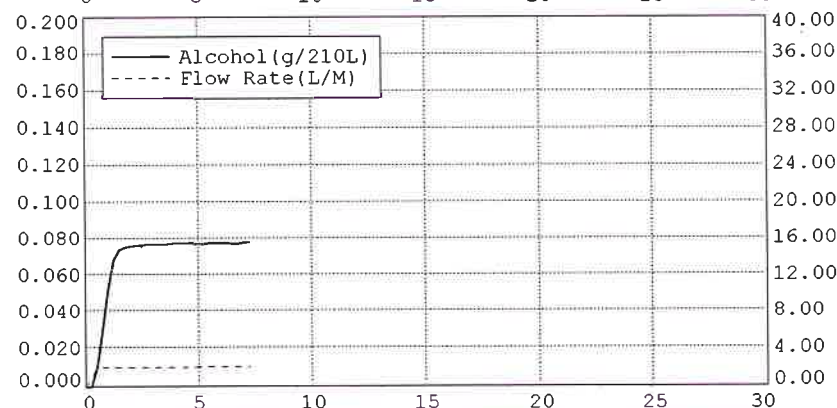
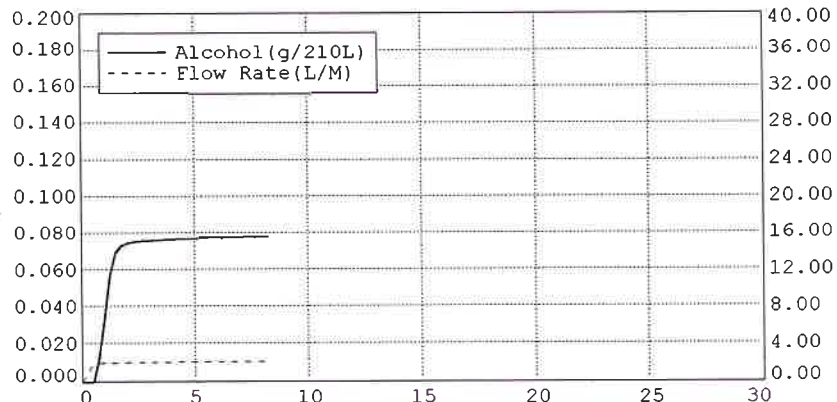
Date: 06/17/2025
Time: 15:36:29

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

