



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: 2-Jan-2025

Lot # AG436502 **Model** 108

Exp Date	Cyl. Type	Component	Certified Concentration
30-Dec-2026	108	Ethanol Nitrogen	0.080 ± 0.002 BrAC (208 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: 02/05/2025
Time: 08:24:09

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

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 30.21: 0.081
TANK PRESSURE: 1246 psi

BLANK TEST	0.000	08:25
INTERNAL STANDARD	VERIFIED	08:25
EXTERNAL STANDARD	0.081	08:25
BLANK TEST	0.000	08:26
EXTERNAL STANDARD	0.081	08:26
BLANK TEST	0.000	08:27
EXTERNAL STANDARD	0.081	08:27
BLANK TEST	0.000	08:28
EXTERNAL STANDARD	0.081	08:29
BLANK TEST	0.000	08:30
EXTERNAL STANDARD	0.081	08:30
BLANK TEST	0.000	08:31

Average = 0.0810
Std Dev = 0.0000

Lot AG436502

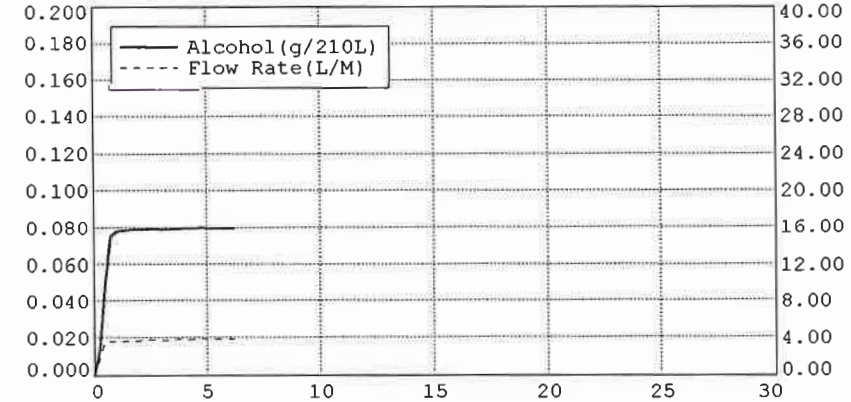
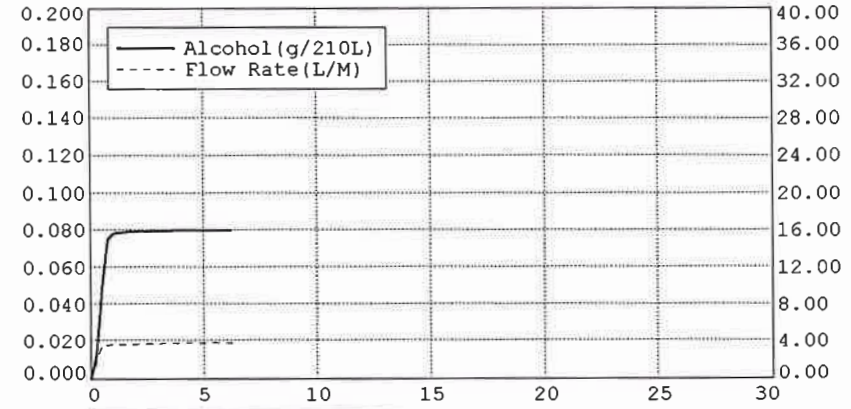
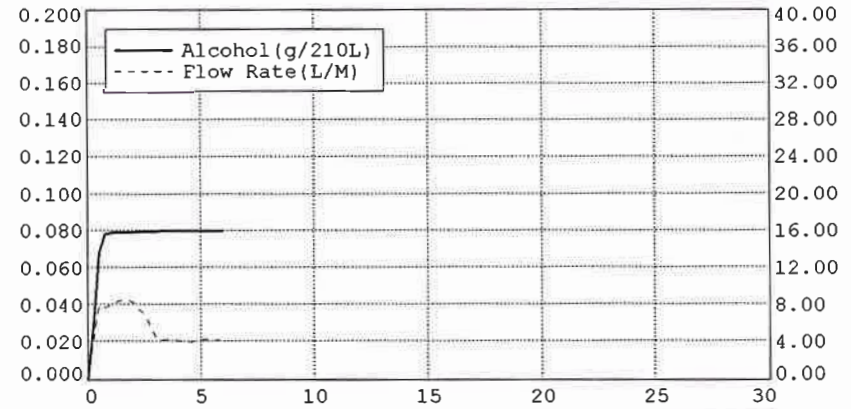
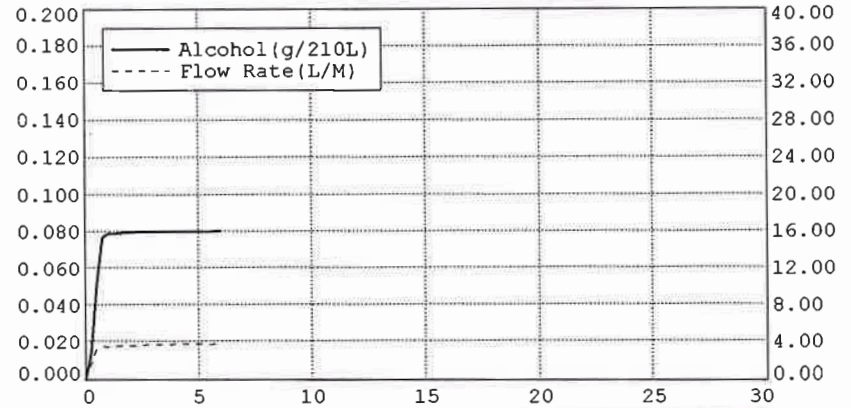
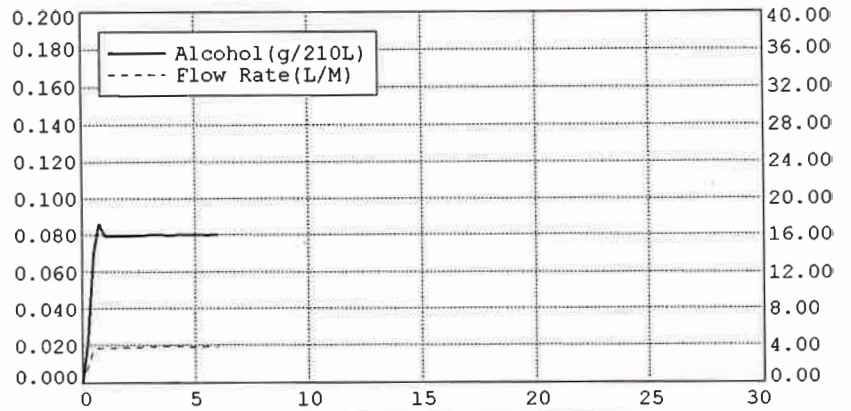
Tank 001

PS1 1246

COB 2/5/25

Tank 001 Average - 0.081

COB 2025.02.05



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 02/05/2025
Time: 07:50:04

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

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 30.21: 0.081
TANK PRESSURE: 1222 psi

BLANK TEST	0.000	07:57
INTERNAL STANDARD	VERIFIED	07:57
EXTERNAL STANDARD	0.081	07:57
BLANK TEST	0.000	07:58
EXTERNAL STANDARD	0.080	07:58
BLANK TEST	0.000	07:59
EXTERNAL STANDARD	0.080	07:59
BLANK TEST	0.000	08:00
EXTERNAL STANDARD	0.080	08:01
BLANK TEST	0.000	08:01
EXTERNAL STANDARD	0.081	08:02
BLANK TEST	0.000	08:03

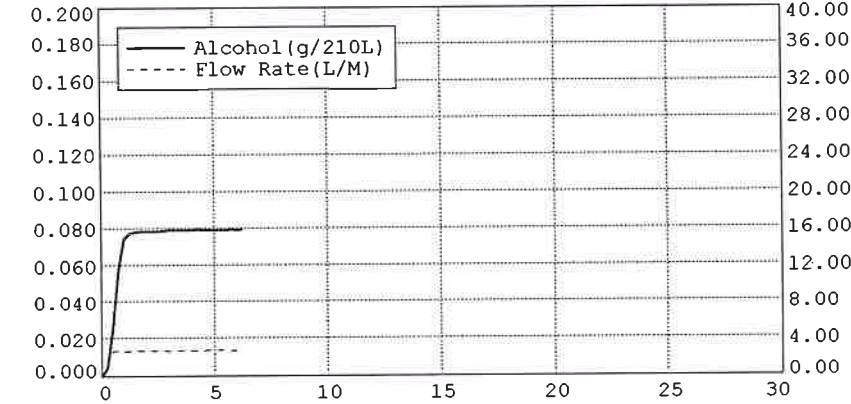
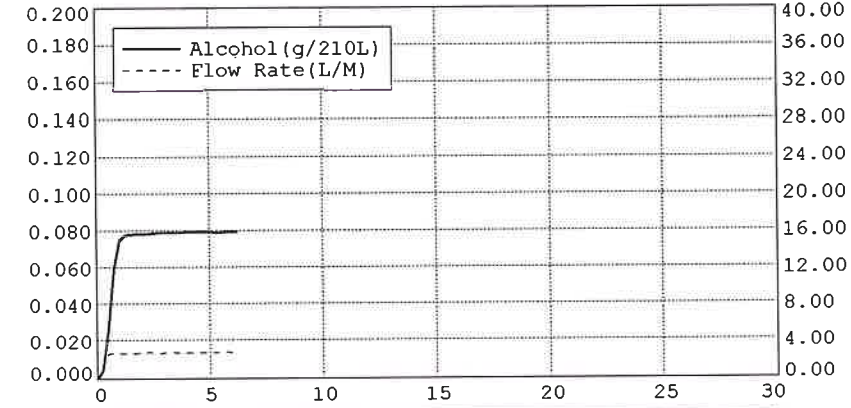
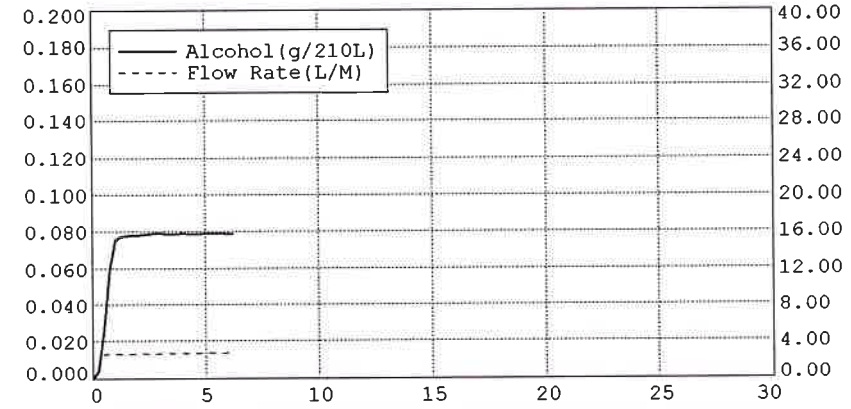
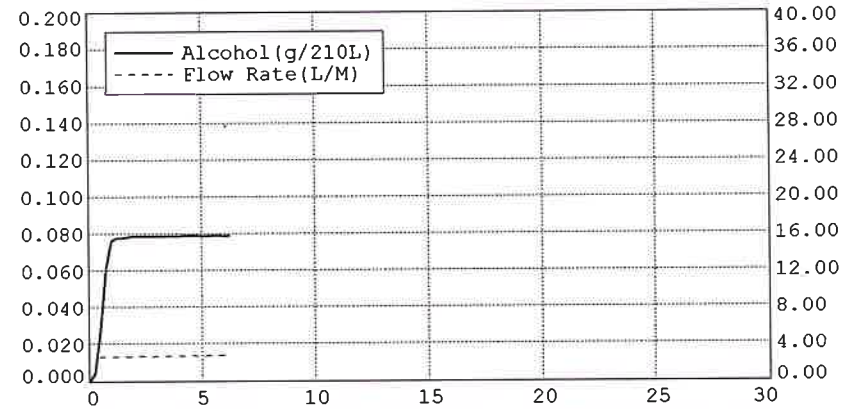
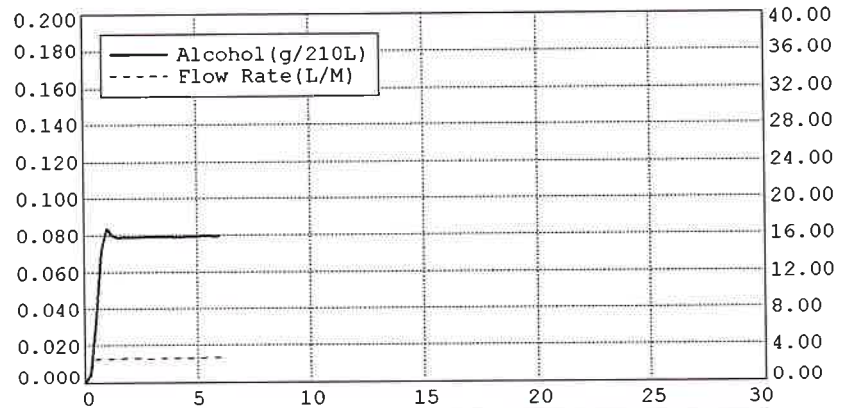
Average = 0.0804
Std Dev = 0.0005

Lot AG 436502

Tank 001

psi 1221

COB 2/5/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 02/05/2025
Time: 08:05:23

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

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.20: 0.081
TANK PRESSURE: 1197 psi

BLANK TEST	0.000	08:06
INTERNAL STANDARD	VERIFIED	08:06
EXTERNAL STANDARD	0.080	08:06
BLANK TEST	0.000	08:07
EXTERNAL STANDARD	0.081	08:08
BLANK TEST	0.000	08:08
EXTERNAL STANDARD	0.080	08:09
BLANK TEST	0.000	08:10
EXTERNAL STANDARD	0.081	08:10
BLANK TEST	0.000	08:11
EXTERNAL STANDARD	0.081	08:11
BLANK TEST	0.000	08:12

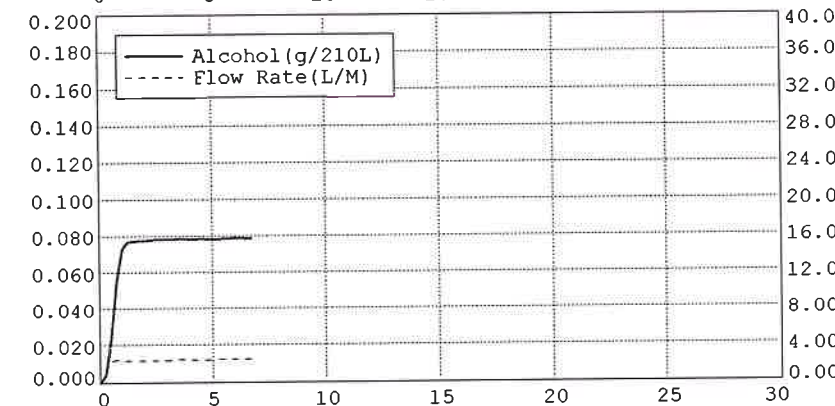
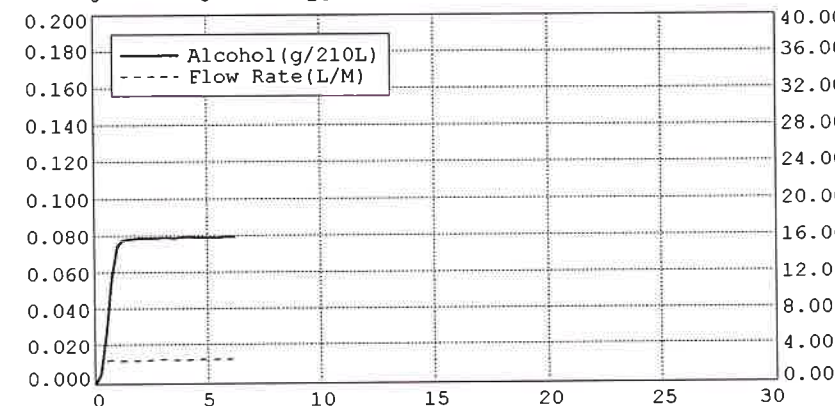
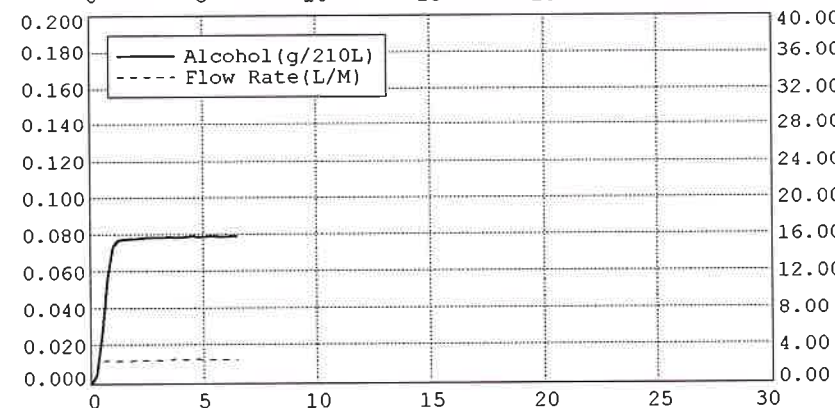
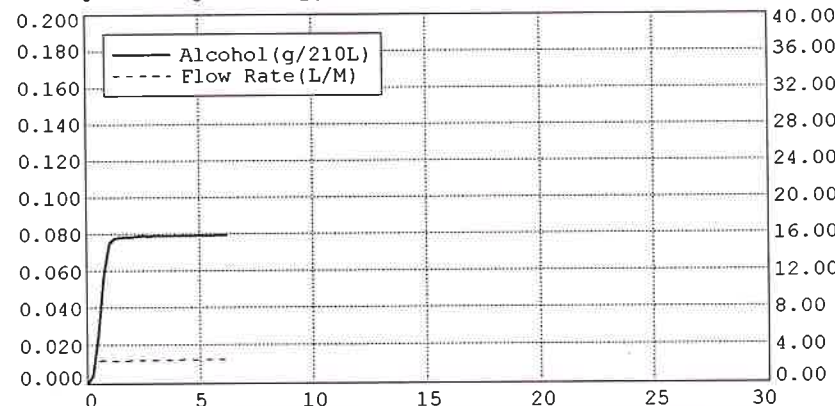
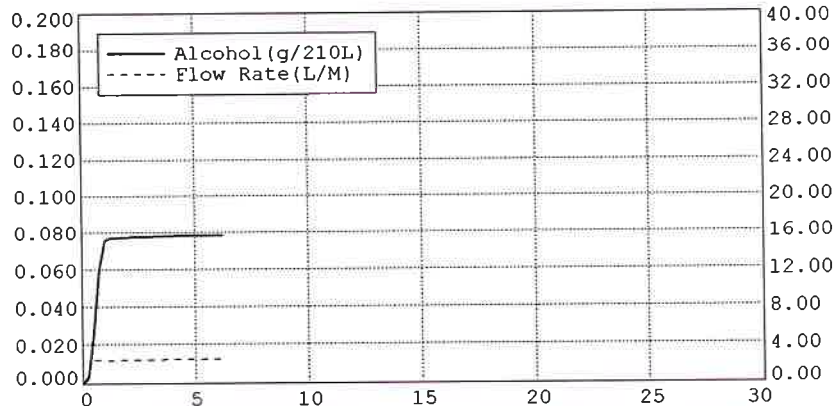
Average = 0.0806
Std Dev = 0.0005

Lot AG436502

Tank 001

PS1 1199

CB 2/5/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100375

Date: 02/05/2025
Time: 08:32:13

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

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 30.21: 0.081
TANK PRESSURE: 1245 psi

BLANK TEST	0.000	08:33
INTERNAL STANDARD	VERIFIED	08:33
EXTERNAL STANDARD	0.081	08:34
BLANK TEST	0.000	08:35
EXTERNAL STANDARD	0.081	08:35
BLANK TEST	0.000	08:36
EXTERNAL STANDARD	0.081	08:36
BLANK TEST	0.000	08:37
EXTERNAL STANDARD	0.081	08:37
BLANK TEST	0.000	08:38
EXTERNAL STANDARD	0.081	08:38
BLANK TEST	0.000	08:39

Average = 0.0810
Std Dev = 0.0000

Lot AG436502

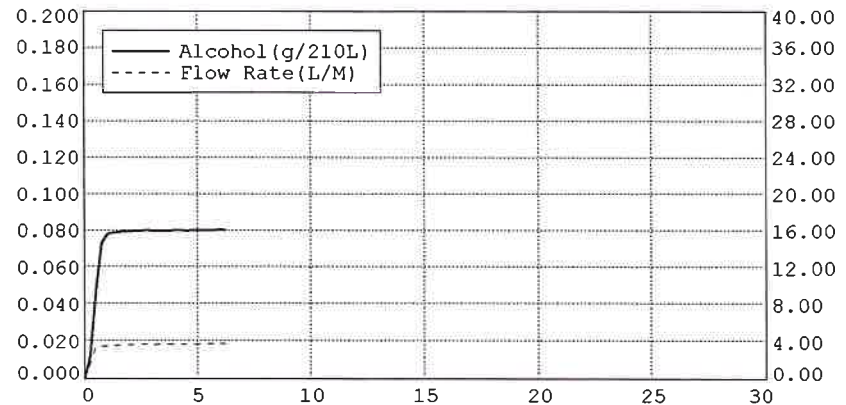
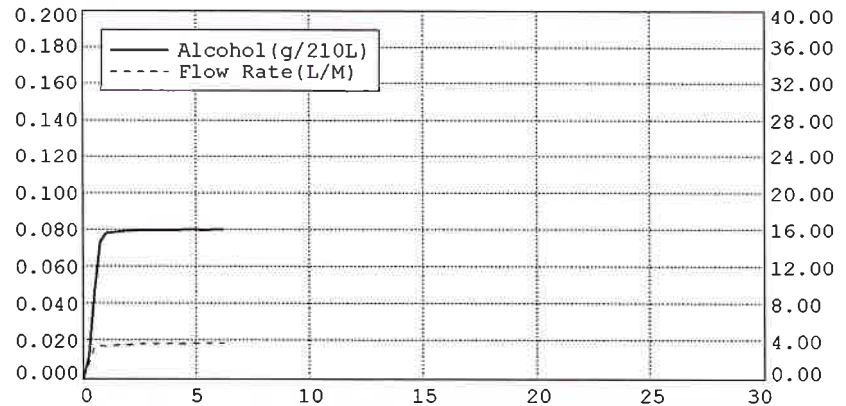
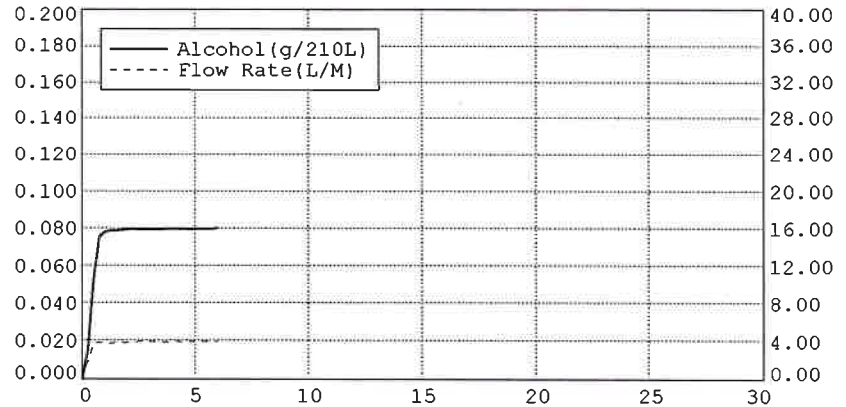
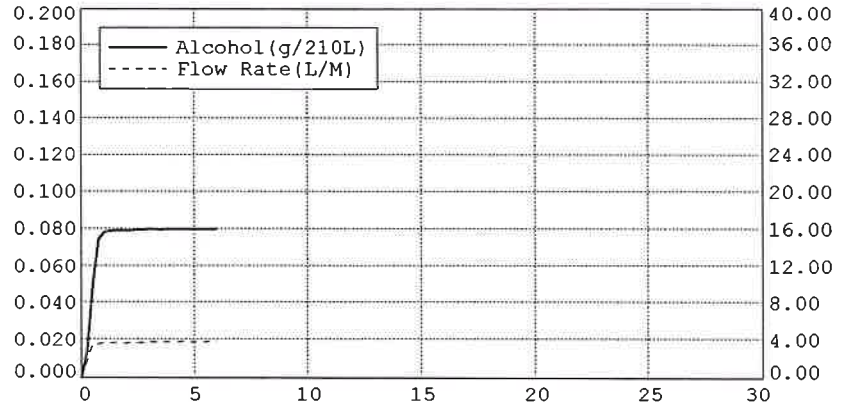
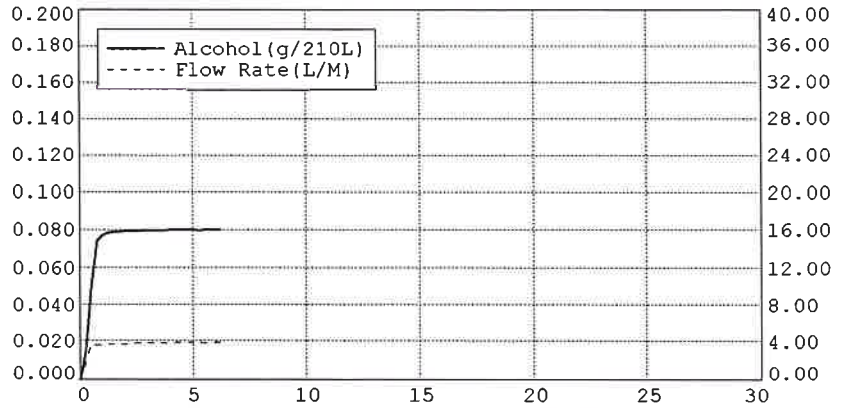
Tank 002

DS1 1245

COB 2/5/25

Tank 002 Average - 0.080

COB 2025.02.05



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 02/05/2025
Time: 08:05:55

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

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 30.21: 0.081
TANK PRESSURE: 1212 psi

BLANK TEST	0.000	08:07
INTERNAL STANDARD	VERIFIED	08:07
EXTERNAL STANDARD	0.080	08:07
BLANK TEST	0.000	08:08
EXTERNAL STANDARD	0.080	08:08
BLANK TEST	0.000	08:09
EXTERNAL STANDARD	0.080	08:09
BLANK TEST	0.000	08:10
EXTERNAL STANDARD	0.080	08:10
BLANK TEST	0.000	08:11
EXTERNAL STANDARD	0.080	08:11
BLANK TEST	0.000	08:12

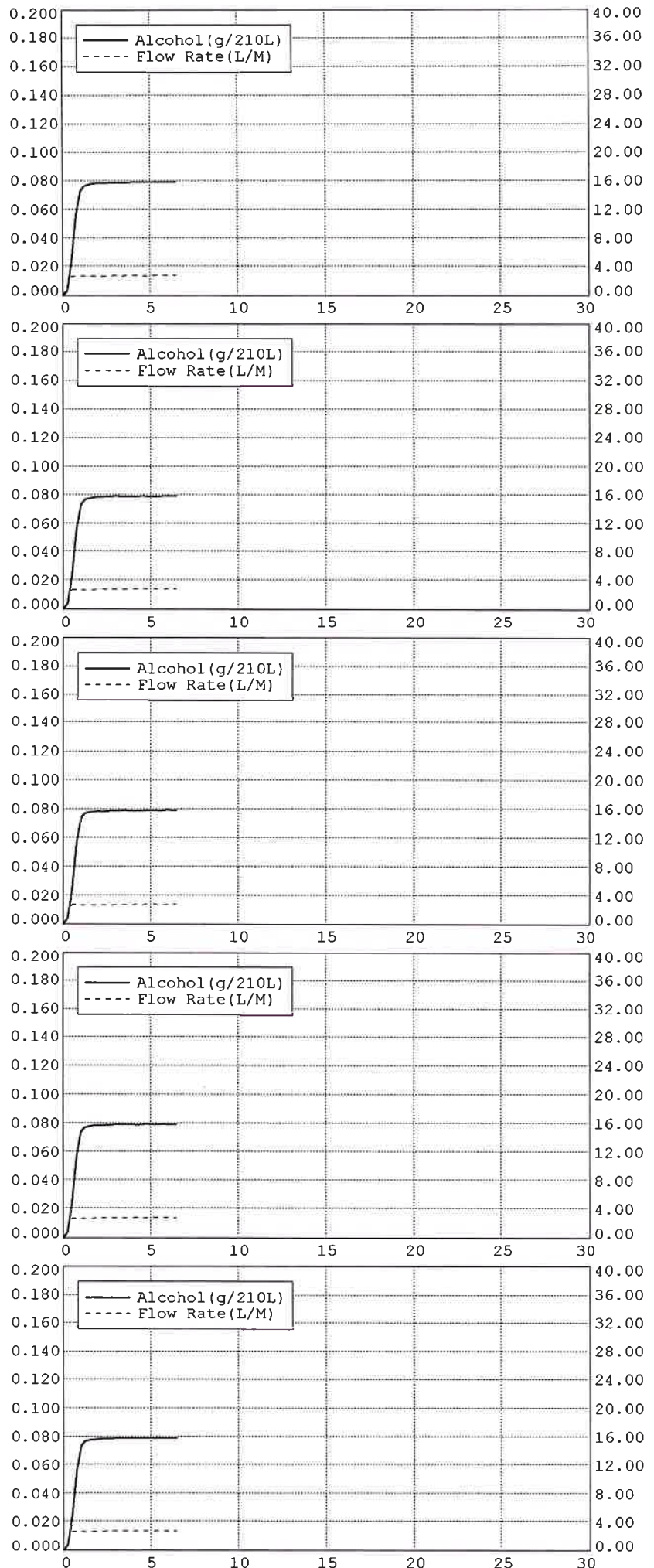
Average = 0.0800
Std Dev = 0.0000

Lot AG436502

Tank CO2

PSI 1212

CO2 % 0.25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 02/05/2025
Time: 09:50:52

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

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 30.20: 0.081
TANK PRESSURE: 1209 psi

TEST TYPE	Value	Time
BLANK TEST	0.000	09:52
INTERNAL STANDARD	VERIFIED	09:52
EXTERNAL STANDARD	0.080	09:52
BLANK TEST	0.000	09:53
EXTERNAL STANDARD	0.081	09:53
BLANK TEST	0.000	09:54
EXTERNAL STANDARD	0.078	09:55
BLANK TEST	0.000	09:55
EXTERNAL STANDARD	0.078	09:56
BLANK TEST	0.000	09:57
EXTERNAL STANDARD	0.081	09:57
BLANK TEST	0.000	09:58

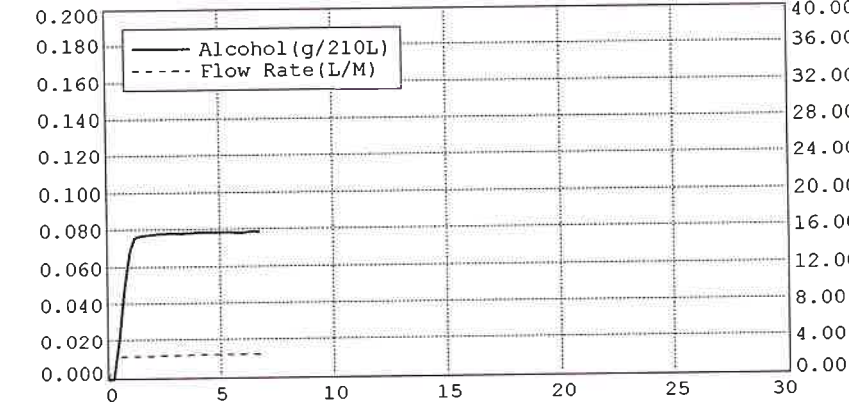
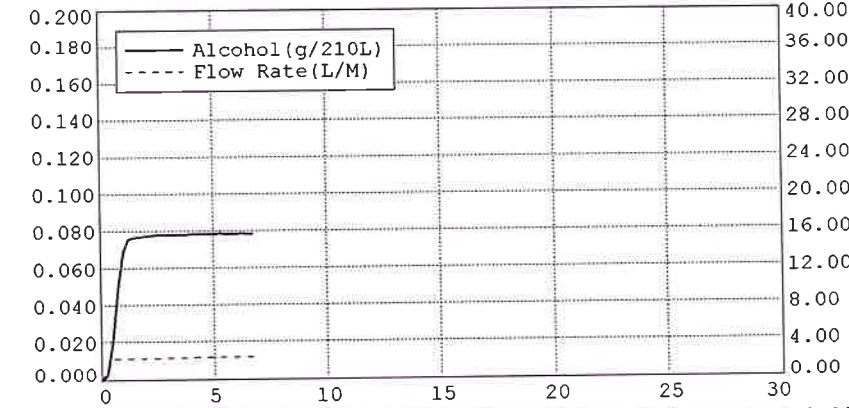
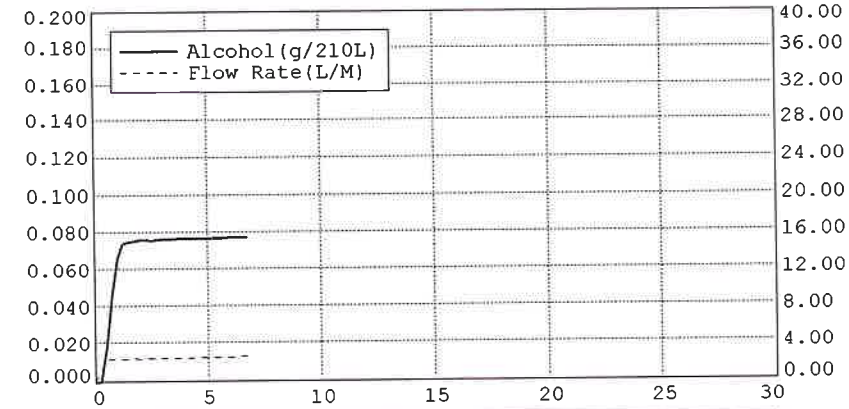
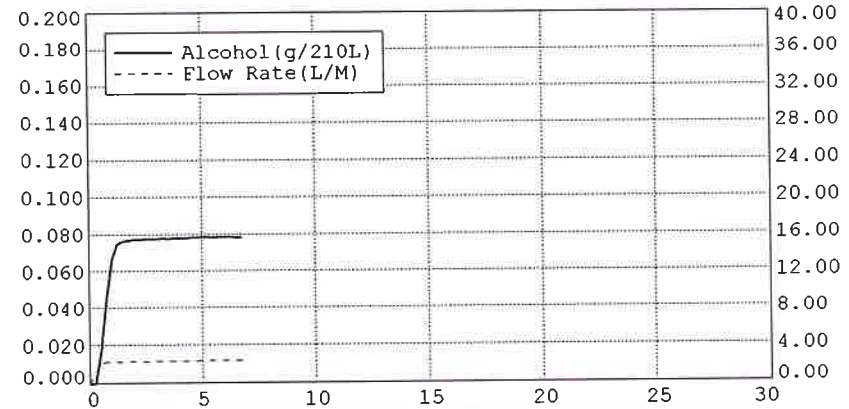
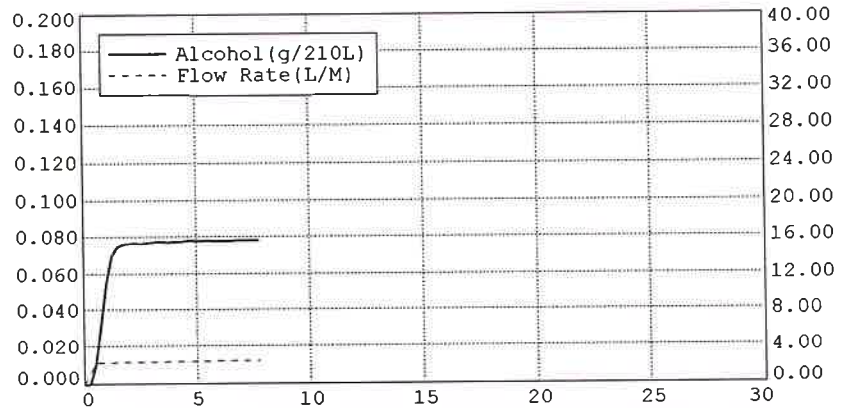
Average = 0.0796
Std Dev = 0.0015

Lot AG436502

Tank 002

PS1 1209

003 2/5/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100375

Date: 02/05/2025
Time: 08:42:12

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

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 30.21: 0.081
TANK PRESSURE: 1241 psi

TEST TYPE	Value	Time
BLANK TEST	0.000	08:43
INTERNAL STANDARD	VERIFIED	08:43
EXTERNAL STANDARD	0.081	08:43
BLANK TEST	0.000	08:44
EXTERNAL STANDARD	0.081	08:44
BLANK TEST	0.000	08:45
EXTERNAL STANDARD	0.081	08:46
BLANK TEST	0.000	08:46
EXTERNAL STANDARD	0.081	08:47
BLANK TEST	0.000	08:48
EXTERNAL STANDARD	0.081	08:48
BLANK TEST	0.000	08:49

Average = 0.0810
Std Dev = 0.0000

Lot AG436502

Tank 003

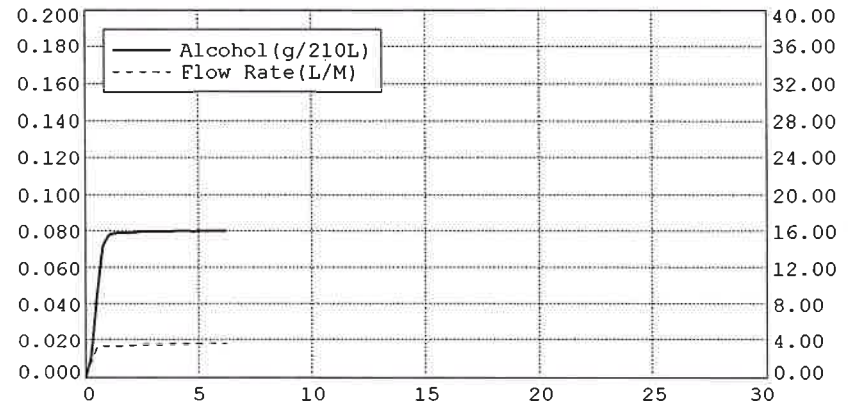
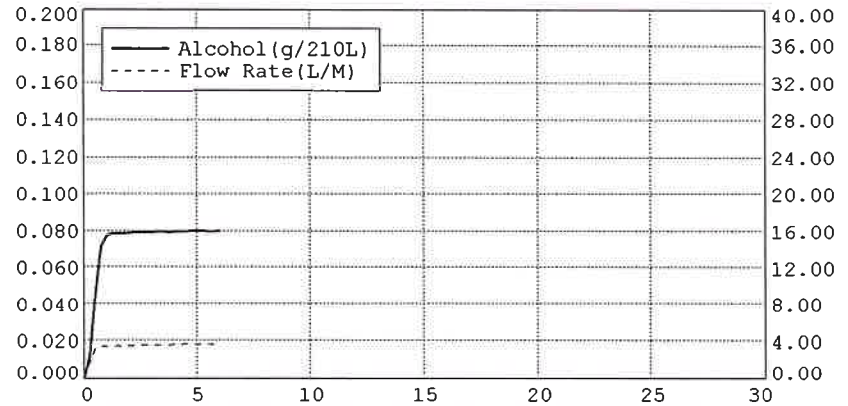
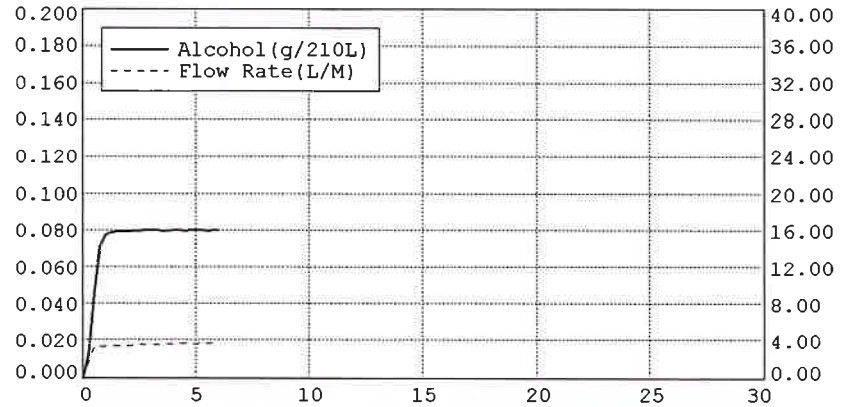
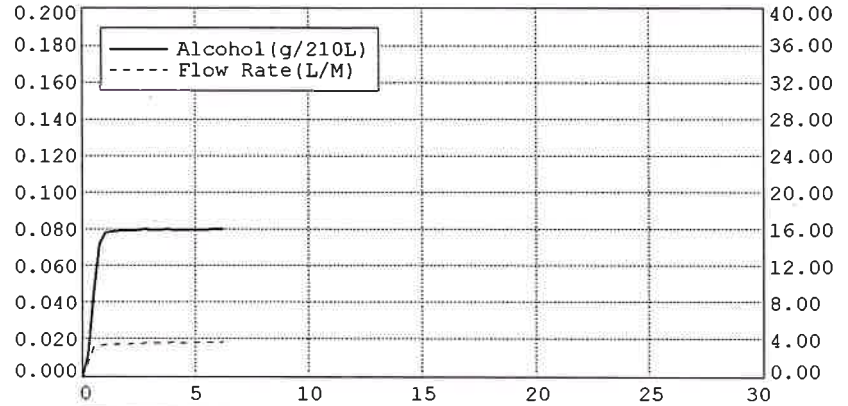
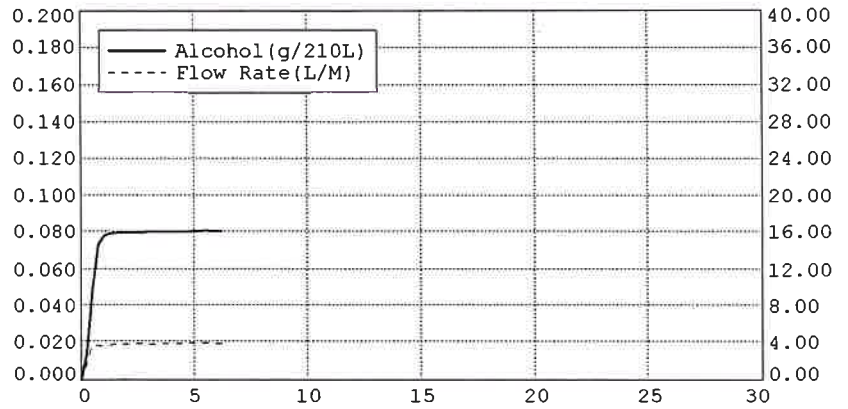
PSI 1241

COB 2/5/25

Tank 003 Average - 0.081 0.080

COB 2025.02.05

COB 2025.02.12



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 02/05/2025
Time: 09:55:09

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

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.22: 0.081
TANK PRESSURE: 1226 psi

TEST TYPE	READING	TIME
BLANK TEST	0.000	09:56
INTERNAL STANDARD	VERIFIED	09:56
EXTERNAL STANDARD	0.080	09:56
BLANK TEST	0.000	09:57
EXTERNAL STANDARD	0.080	09:57
BLANK TEST	0.000	09:58
EXTERNAL STANDARD	0.080	09:58
BLANK TEST	0.000	09:59
EXTERNAL STANDARD	0.080	09:59
BLANK TEST	0.000	10:00
EXTERNAL STANDARD	0.080	10:01
BLANK TEST	0.000	10:01

Average = 0.0800
Std Dev = 0.0000

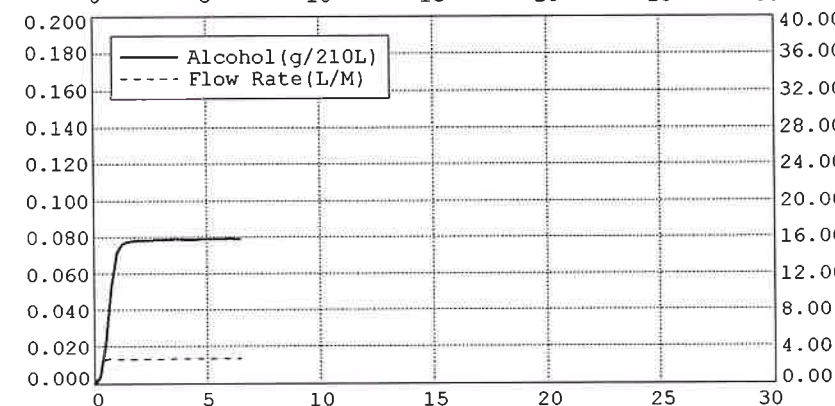
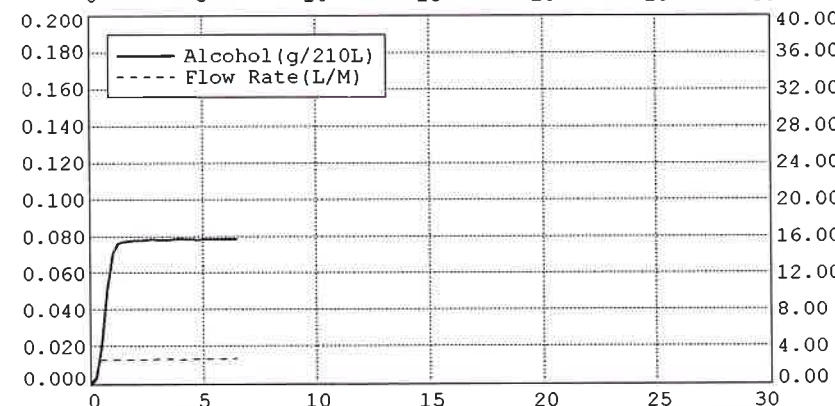
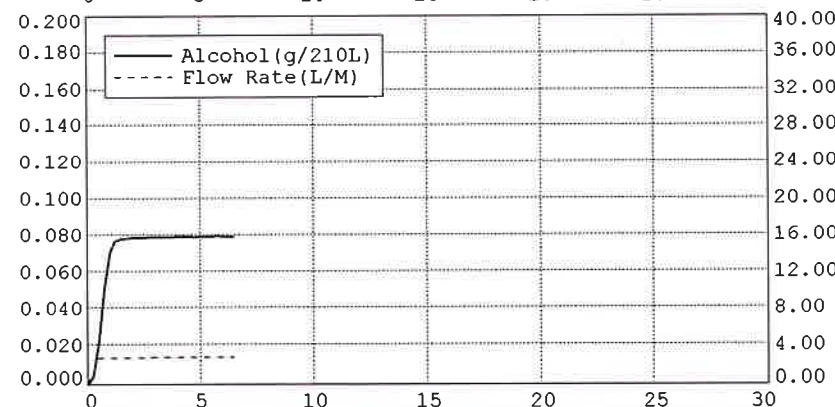
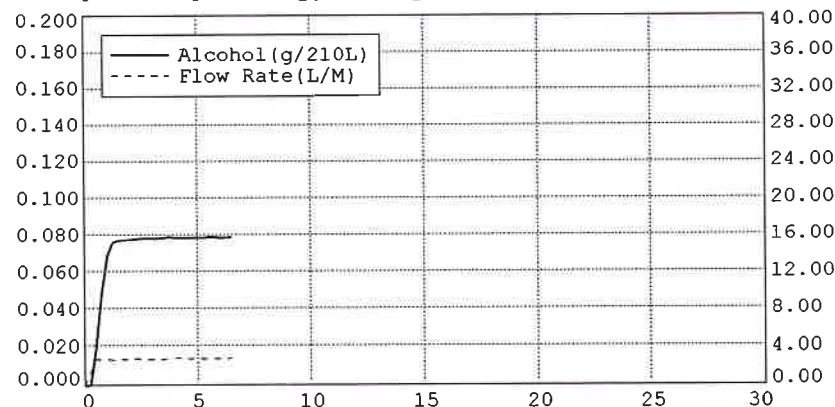
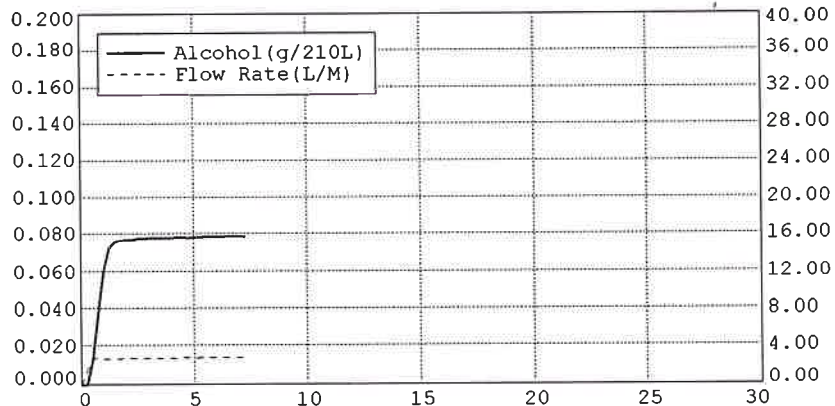
Lot AG436502

Tank 003

PS-03

PS/ 1226

02/05/25



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 02/05/2025
Time: 10:02:01

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

EXTERNAL STANDARD INFORMATION
NOMINAL: C.080
TARGET AT 30.20: 0.081
TANK PRESSURE: 1209 psi

TEST TYPE	Value	Time
BLANK TEST	0.000	10:03
INTERNAL STANDARD	VERIFIED	10:03
EXTERNAL STANDARD	0.081	10:03
BLANK TEST	0.000	10:04
EXTERNAL STANDARD	0.079	10:04
BLANK TEST	0.000	10:05
EXTERNAL STANDARD	0.081	10:05
BLANK TEST	0.000	10:06
EXTERNAL STANDARD	0.080	10:06
BLANK TEST	0.000	10:07
EXTERNAL STANDARD	0.081	10:07
BLANK TEST	0.000	10:08

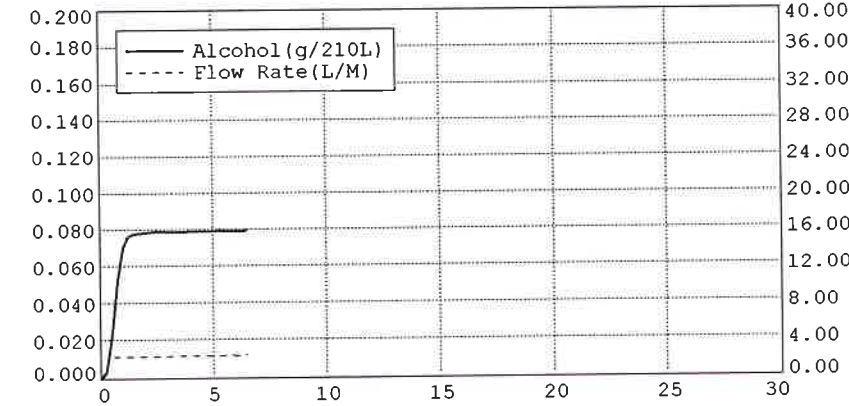
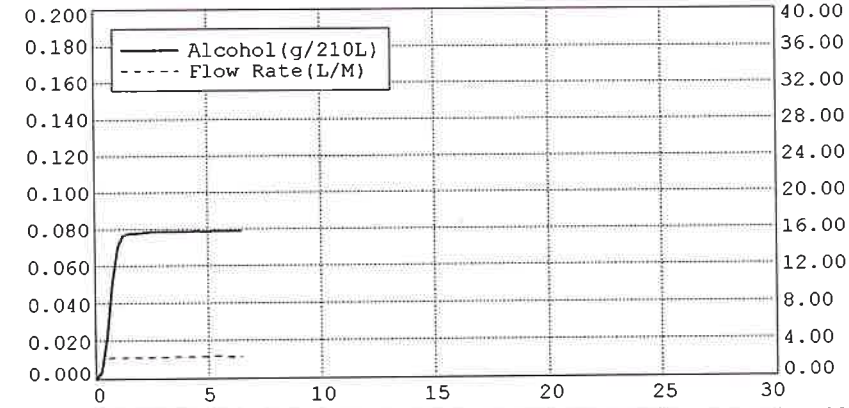
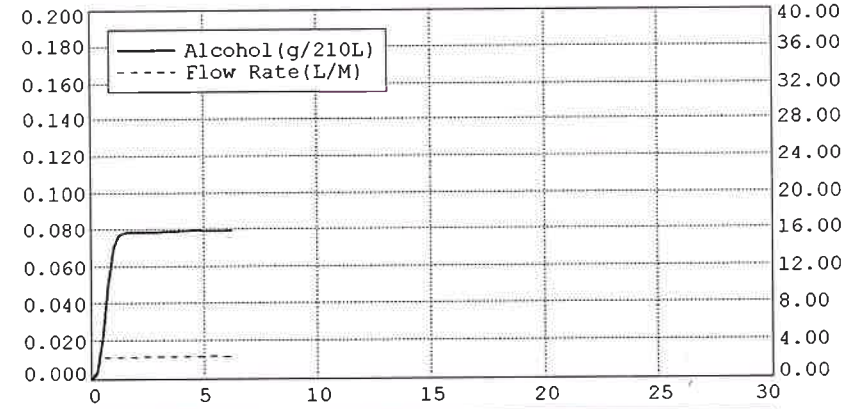
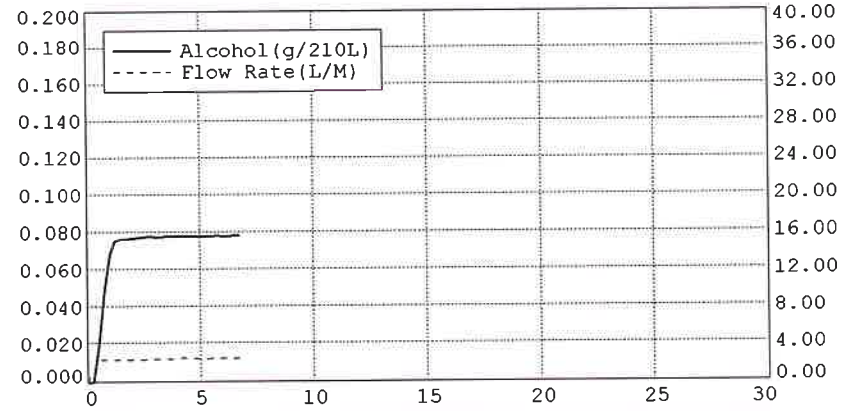
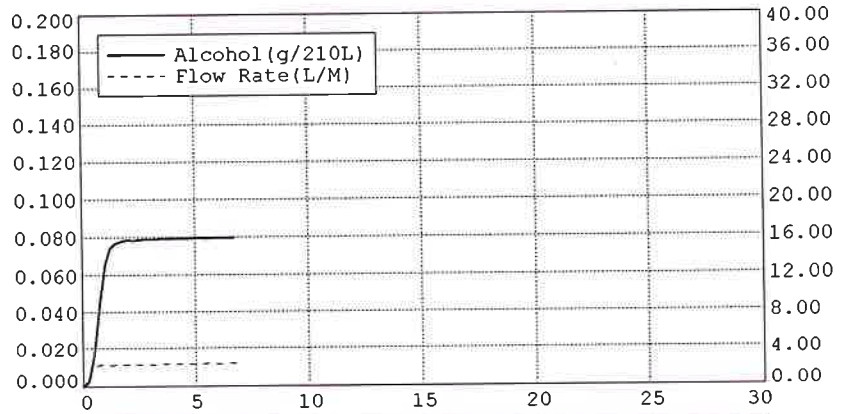
Average = 0.0804
Std Dev = 0.0009

Lot AG436502

Tank 003

PSI 1209

02/05/25



DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100375

Date: 02/05/2025
Time: 07:27:46

VERSIONS

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

TEMPERATURES

Sample Chamber = 49.0°C	PASSED
Breath Tube = 47.3°C	PASSED

PUMP INFO

Flow Rate = 4.050 L/M	PASSED
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DETECTOR INFO

PUMP ON	PASSED
PUMP OFF	PASSED

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD	PASSED
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DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100375

Date: 02/05/2025
Time: 07:27:46

VERSIONS

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

TEMPERATURES

Sample Chamber = 49.0°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 47.3°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.52 V	PASSED
(0.92 V - 2.16 V)	
Cooler Voltage = 1.57 V	PASSED
(0.92 V - 2.16 V)	
Bias Voltage = 79 V	PASSED
(47 V - 111 V)	
Chopper Freq = 530 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 30.0 in	

PUMP INFO

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

DETECTOR INFO

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

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.092 0.77%	PASSED
(0.00% - 4.00%)	

Technician Screen

DATAMASTER dmt: 100375

Date: 02/05/2025

Time: 7:36 AM

Temperatures (°C)

Sample Cell: 48.9°C

Breath Tube: 48.1°C

Current Barometer 30.2 in

Volume (Ltr) 0.00

Settings

Lamp: 1.52 V

Bias: 79 V

Cooler: 1.57 V

Chopper: 530 Hz

Voltages (V)

Flow: 1.05 V

Detector: 0.322 V

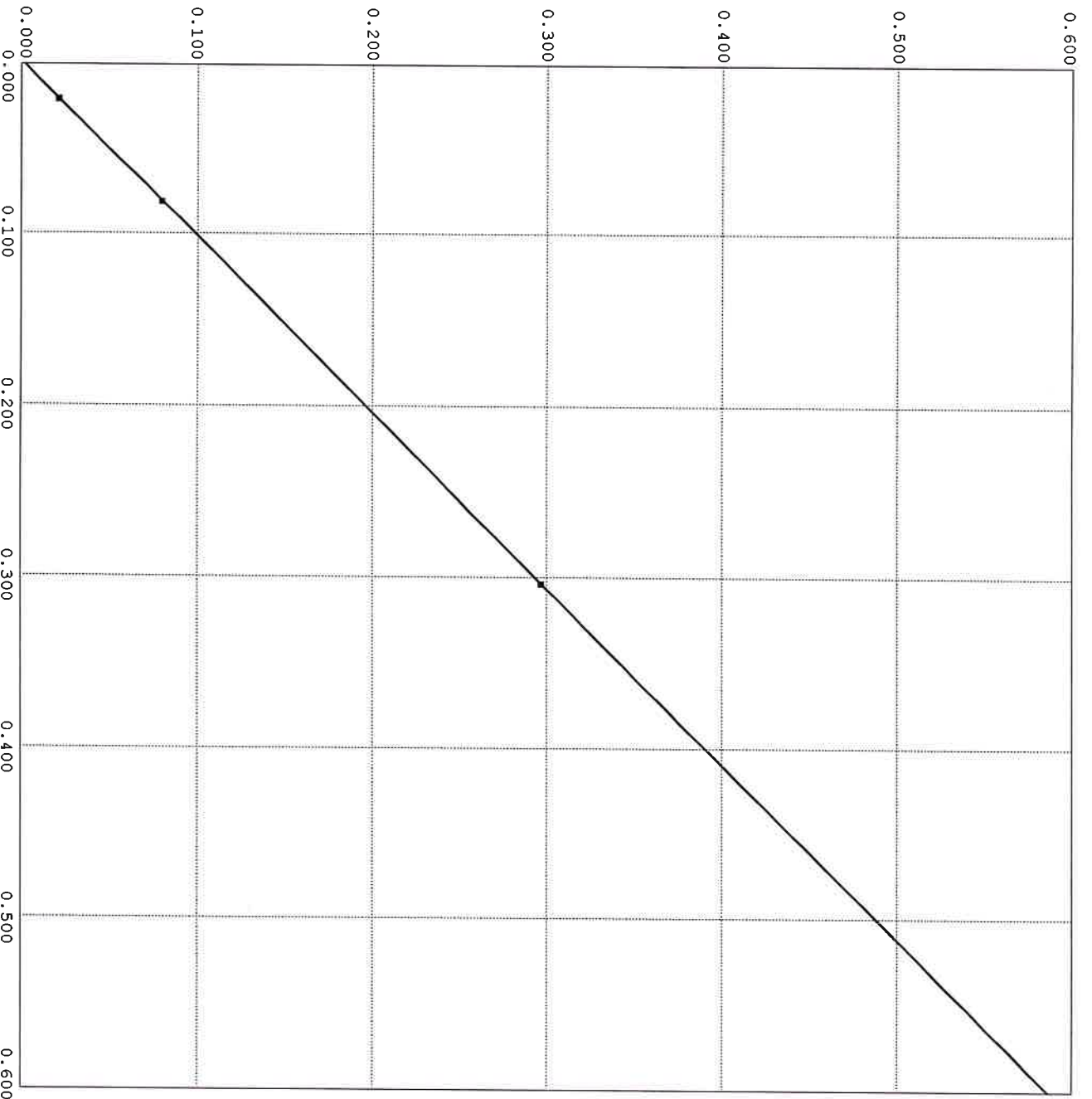
LINEARITY CHECK

Alaska Department of Public Safety
 DATAMASTER dmt: 100375

Date: 02/05/2025
 Time: 07:39:41

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

TARGET	AVERAGE	STD. DEV.
0.020	0.0220	0.0000
0.081	0.0808	0.0004
0.303	0.2974	0.0009
SLOPE	= 0.973825	
R ²	= 0.999995	



CS

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100375

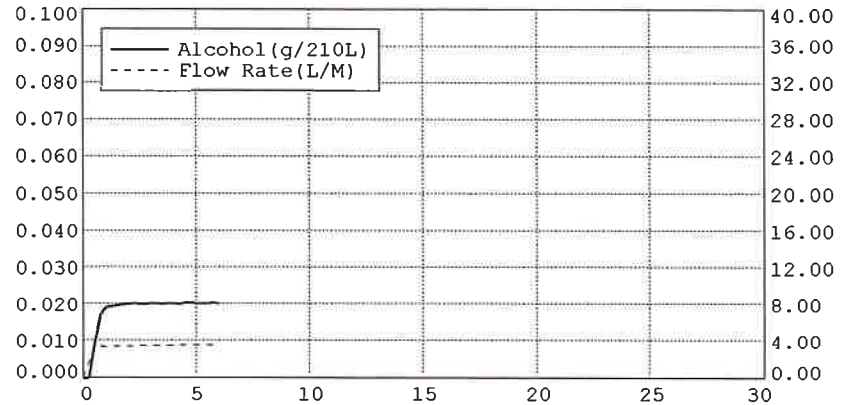
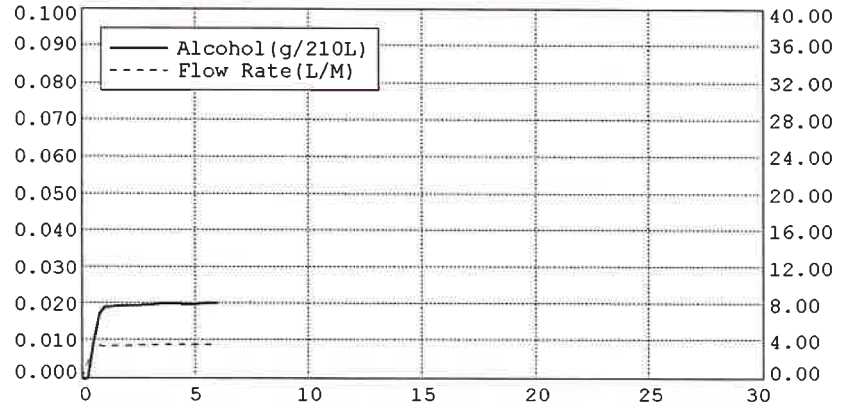
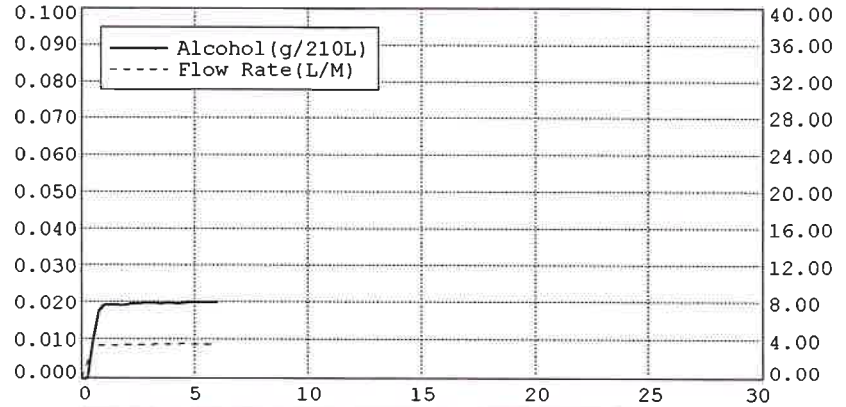
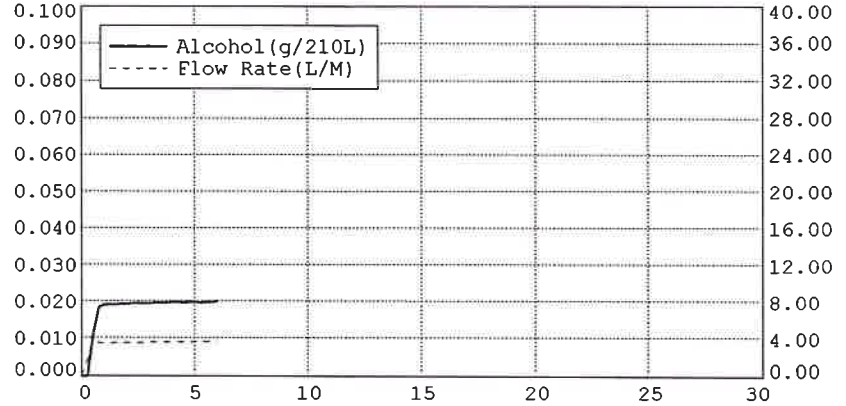
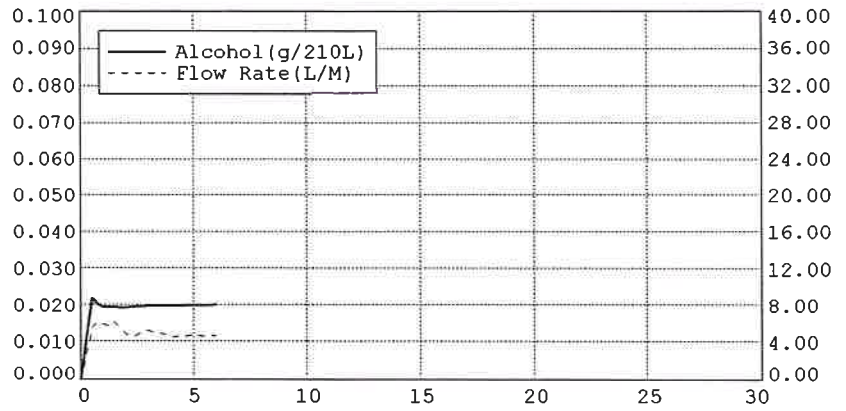
Date: 02/05/2025
Time: 07:39:43

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
TARGET AT 30.22: 0.020
LOT #: AG408002
EXPIRATION: 03/20/2026
TANK PRESSURE: 602 psi

BLANK TEST	0.000	07:41
INTERNAL STANDARD	VERIFIED	07:41
EXTERNAL STANDARD	0.022	07:41
BLANK TEST	0.000	07:42
EXTERNAL STANDARD	0.022	07:42
BLANK TEST	0.000	07:43
EXTERNAL STANDARD	0.022	07:43
BLANK TEST	0.000	07:44
EXTERNAL STANDARD	0.022	07:44
BLANK TEST	0.000	07:45
EXTERNAL STANDARD	0.022	07:45
BLANK TEST	0.000	07:46

Average = 0.0220
Std Dev = 0.0000



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety
DATAMASTER dmt: 100375

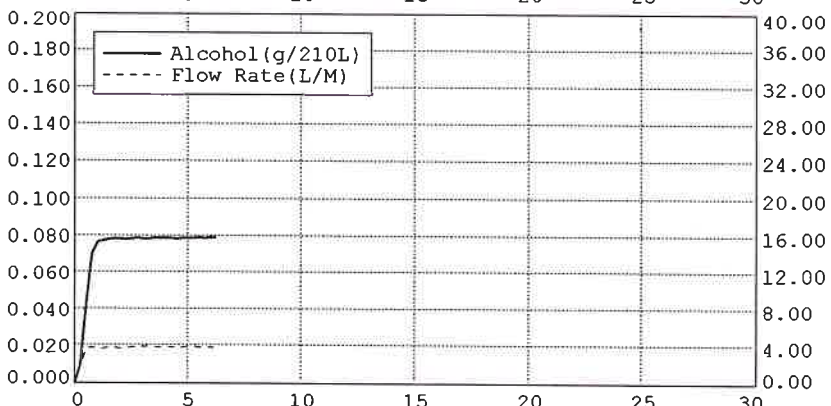
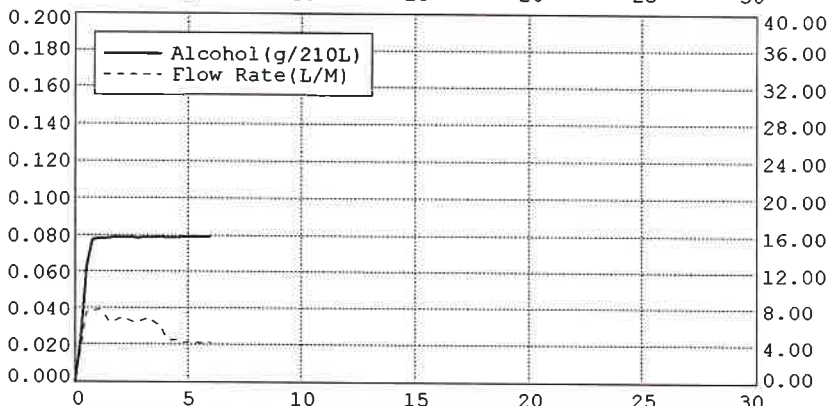
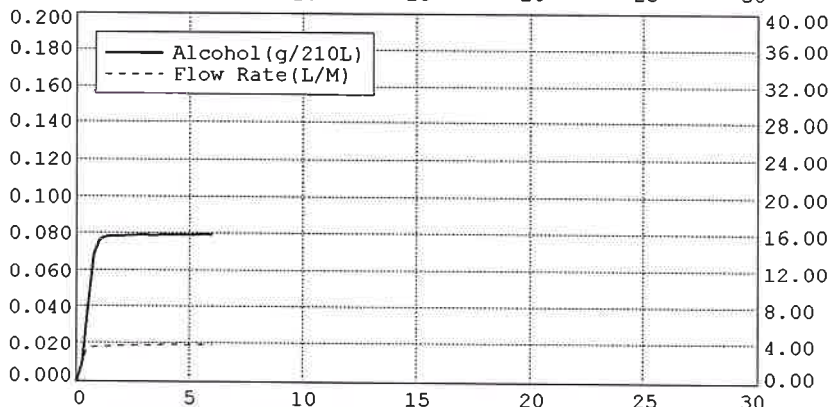
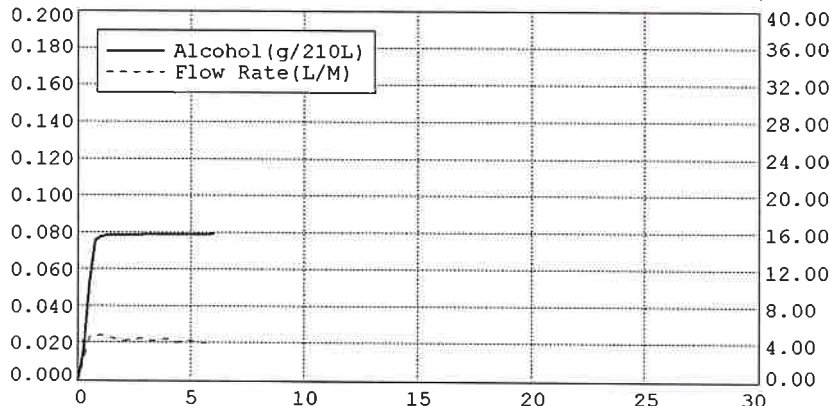
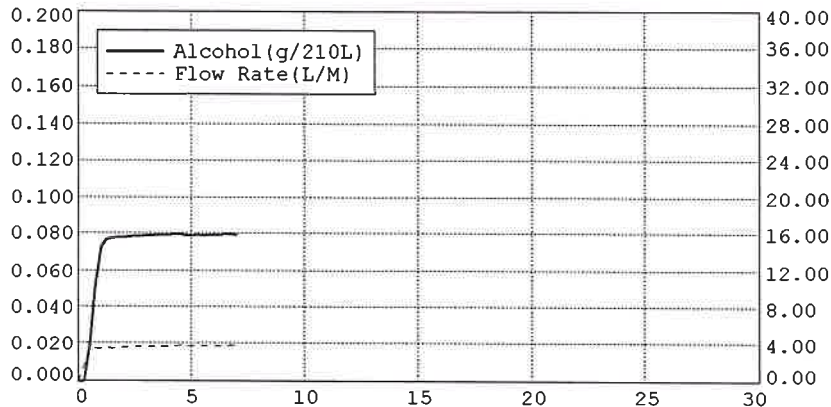
Date: 02/05/2025
Time: 07:48:13

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.22: 0.081
LOT #: AG335202
EXPIRATION: 12/18/2025
TANK PRESSURE: 1109 psi

BLANK TEST	0.000	07:49
INTERNAL STANDARD	VERIFIED	07:50
EXTERNAL STANDARD	0.081	07:50
BLANK TEST	0.000	07:51
EXTERNAL STANDARD	0.081	07:51
BLANK TEST	0.000	07:52
EXTERNAL STANDARD	0.081	07:52
BLANK TEST	0.000	07:53
EXTERNAL STANDARD	0.081	07:53
BLANK TEST	0.000	07:54
EXTERNAL STANDARD	0.080	07:54
BLANK TEST	0.000	07:55

Average = 0.0808
Std Dev = 0.0004



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety
DATAMASTER dmt: 100375

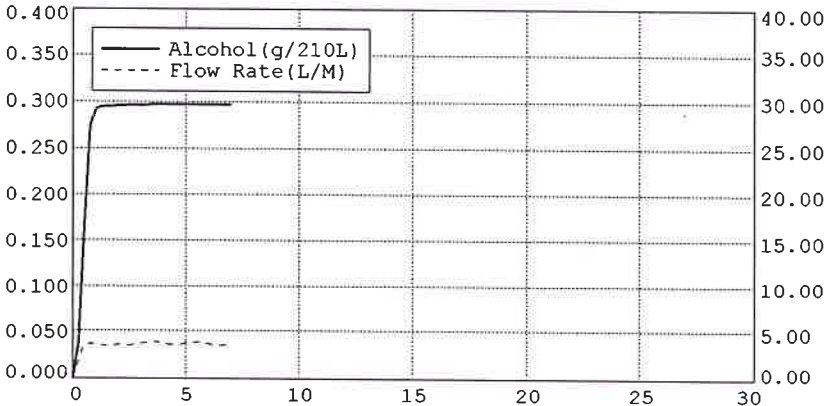
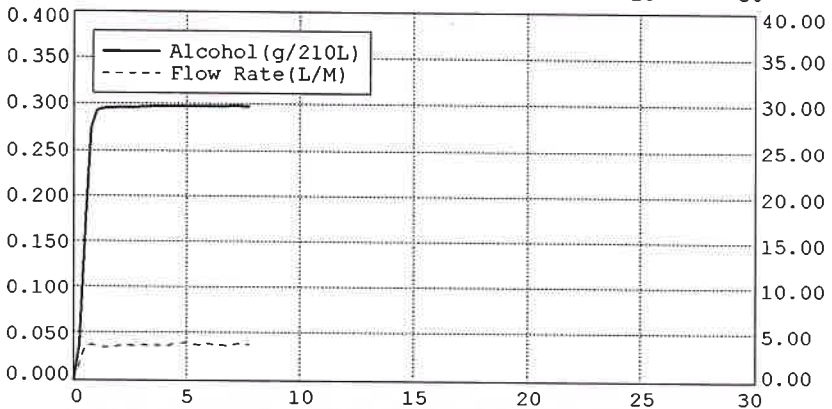
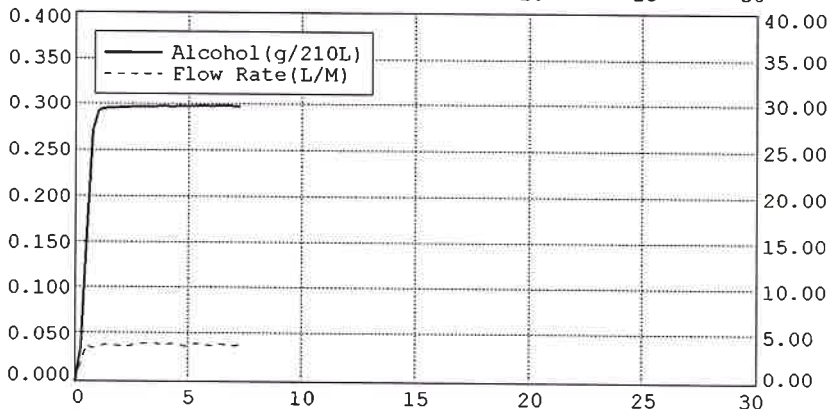
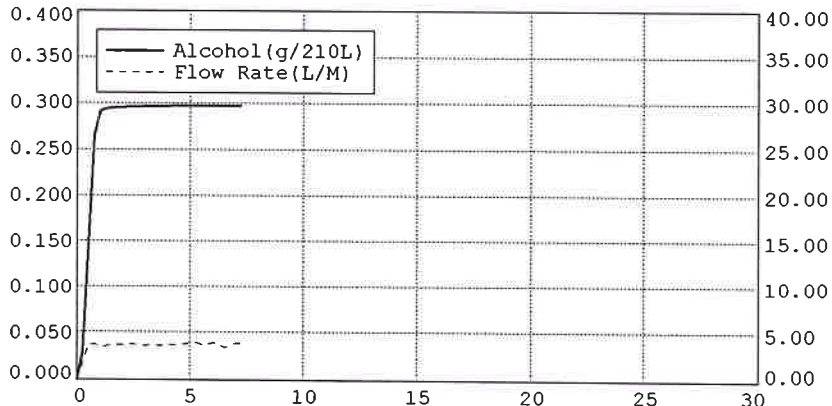
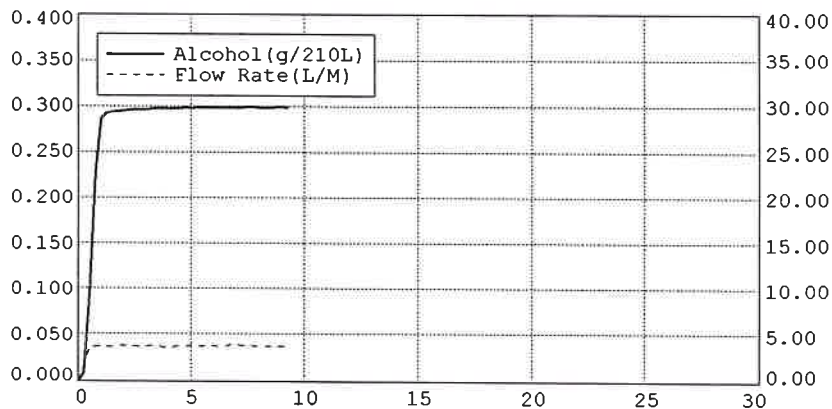
Date: 02/05/2025
Time: 07:58:24

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.300
TARGET AT 30.21: 0.303
LOT #: AG427706
EXPIRATION: 10/03/2026
TANK PRESSURE: 207 psi

BLANK TEST	0.000	07:59
INTERNAL STANDARD	VERIFIED	07:59
EXTERNAL STANDARD	0.299	08:00
BLANK TEST	0.000	08:01
EXTERNAL STANDARD	0.297	08:01
BLANK TEST	0.000	08:02
EXTERNAL STANDARD	0.297	08:02
BLANK TEST	0.000	08:03
EXTERNAL STANDARD	0.297	08:03
BLANK TEST	0.000	08:04
EXTERNAL STANDARD	0.297	08:04
BLANK TEST	0.000	08:05

Average = 0.2974
Std Dev = 0.0009



DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 02/05/2025
Time: 06:51:54

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

TEMPERATURES

Sample Chamber = 48.7°C	PASSED
Breath Tube = 48.1°C	PASSED

PUMP INFO	
Flow Rate = 4.288 L/M	PASSED

DETECTOR INFO	
PUMP ON	PASSED
PUMP OFF	PASSED

FILTER INFO	
Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD	PASSED
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DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 02/05/2025
Time: 06:51:54

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

TEMPERATURES

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

SETTINGS

Lamp Voltage = 1.74 V (1.01 V - 2.37 V)	PASSED
Cooler Voltage = 1.71 V (1.04 V - 2.44 V)	PASSED
Bias Voltage = 81 V (49 V - 113 V)	PASSED
Chopper Freq = 523 Hz (475 Hz - 575 Hz)	PASSED
Barometer = 29.5 in	

PUMP INFO

Flow Rate = 4.288 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 = 0.093 0.93% (0.00% - 4.00%)	PASSED
----------------------------------	--------

Technician Screen

DATAMASTER dmt: 100397

Date: 02/05/2025

Time: 7:00 AM

Temperatures (°C)

Sample Cell: 48.9°C

Breath Tube: 48.1°C

Current Barometer 30.2 in

Volume (Ltr) 0.00

Settings

Lamp: 1.74 V

Bias: 81 V

Cooler: 1.71 V

Chopper: 522 Hz

Voltages (V)

Flow: 1.06 V

Detector: 0.045 V

LINEARITY CHECK

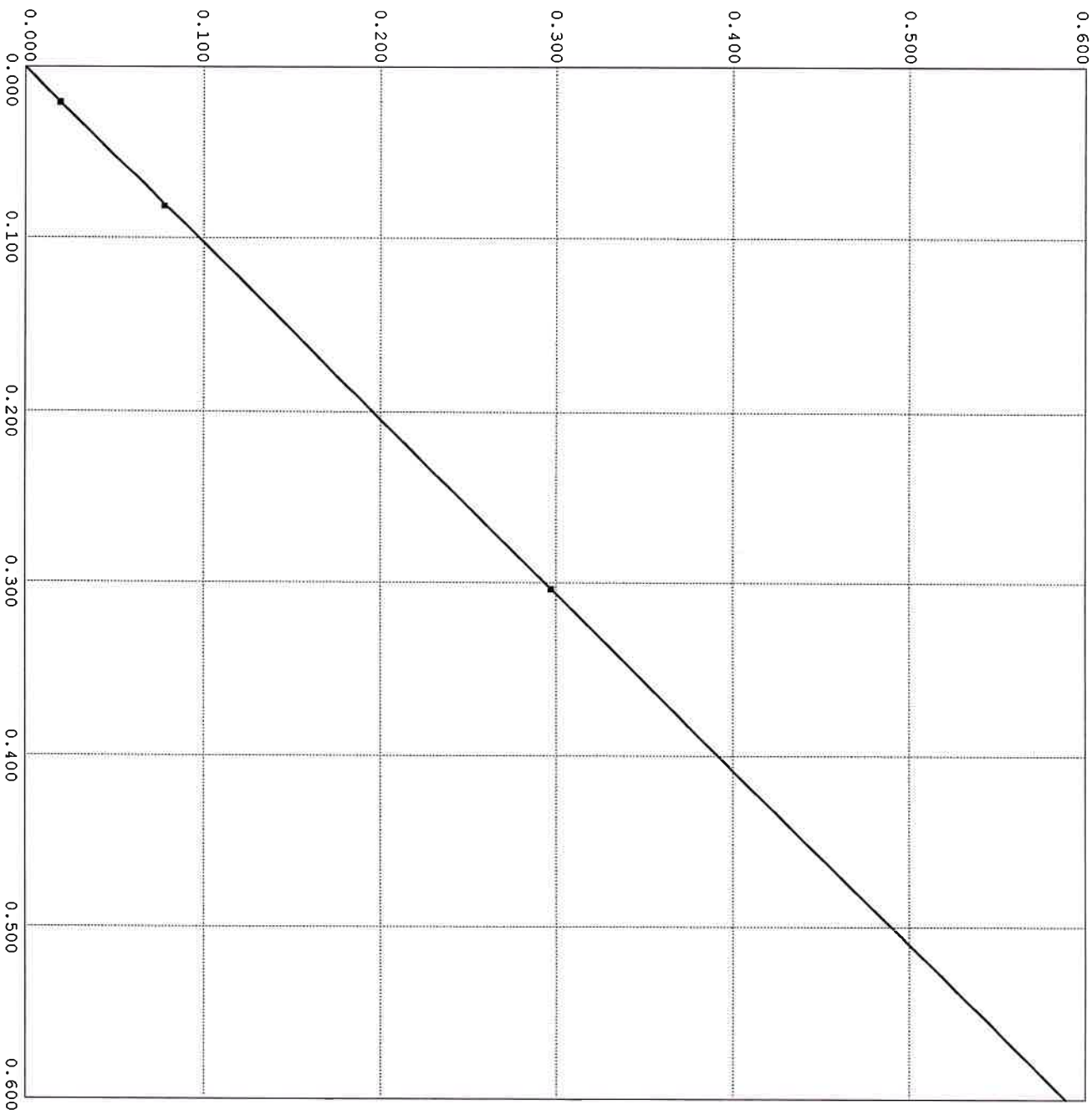
Alaska Department of Public Safety
 DATAMASTER dmt: 100397

Date: 02/05/2025
 Time: 07:08:16

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

TARGET	AVERAGE	STD. DEV.
0.020	0.0202	0.0004
0.081	0.0790	0.0000
0.303	0.2978	0.0004

SLOPE = 0.982172
 R^2 = 0.999985



CK

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100397

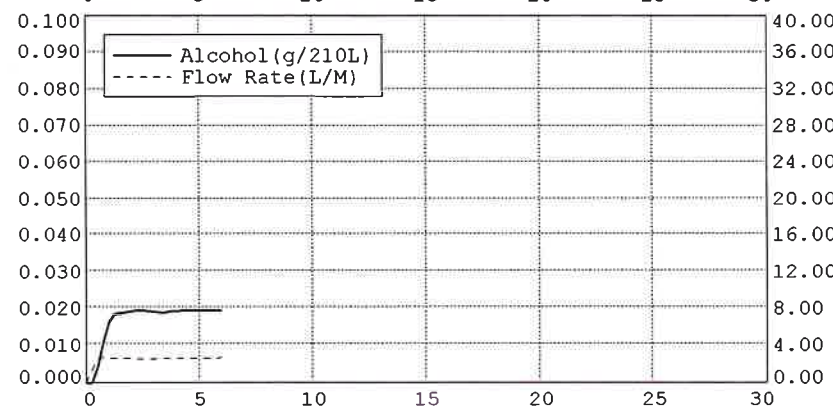
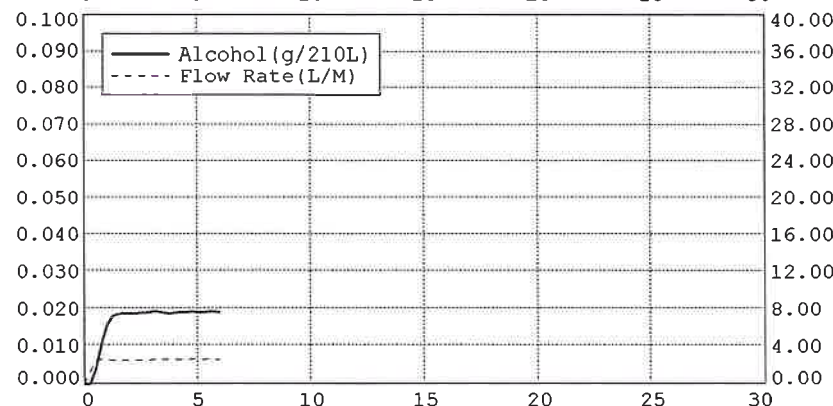
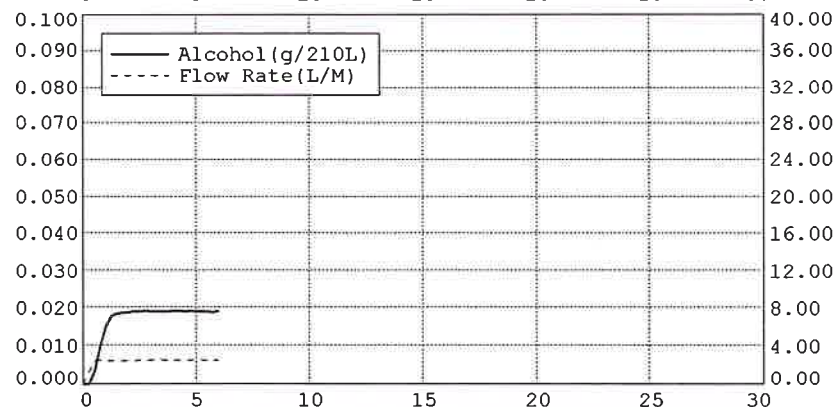
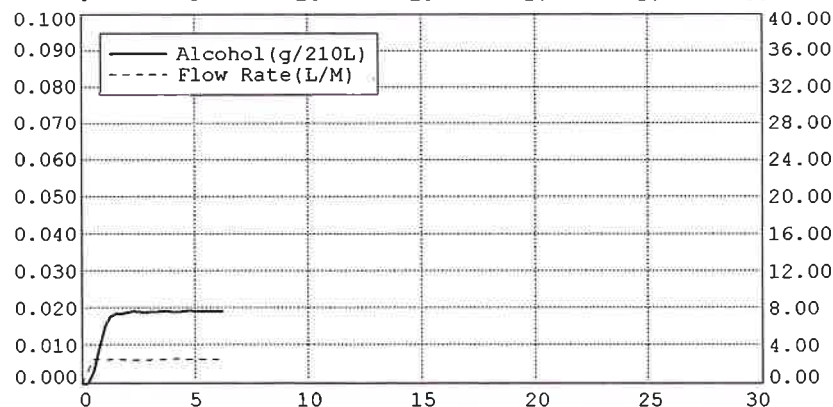
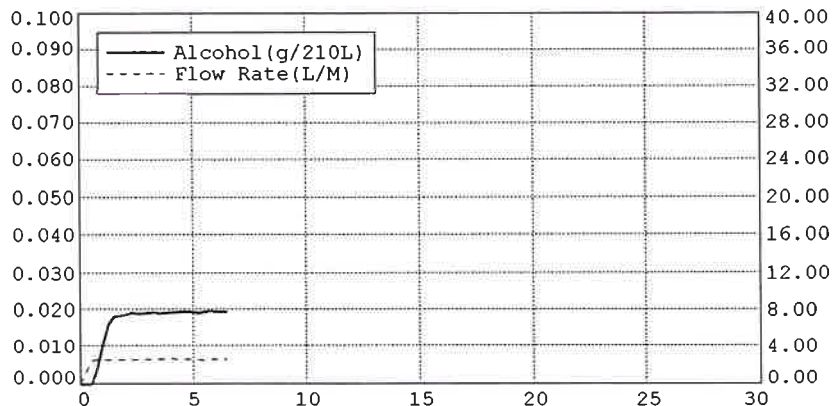
Date: 02/05/2025
Time: 07:08:19

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
TARGET AT 30.21: 0.020
LOT #: AG408002
EXPIRATION: 03/20/2026
TANK PRESSURE: 564 psi

BLANK TEST	0.000	07:13
INTERNAL STANDARD	VERIFIED	07:13
EXTERNAL STANDARD	0.021	07:13
BLANK TEST	0.000	07:14
EXTERNAL STANDARD	0.020	07:15
BLANK TEST	0.000	07:15
EXTERNAL STANDARD	0.020	07:16
BLANK TEST	0.000	07:16
EXTERNAL STANDARD	0.020	07:17
BLANK TEST	0.000	07:18
EXTERNAL STANDARD	0.020	07:18
BLANK TEST	0.000	07:19

Average = 0.0202
Std Dev = 0.0004



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 02/05/2025

Time: 07:20:09

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080

TARGET AT 30.21: 0.081

LOT #: 09523080A1

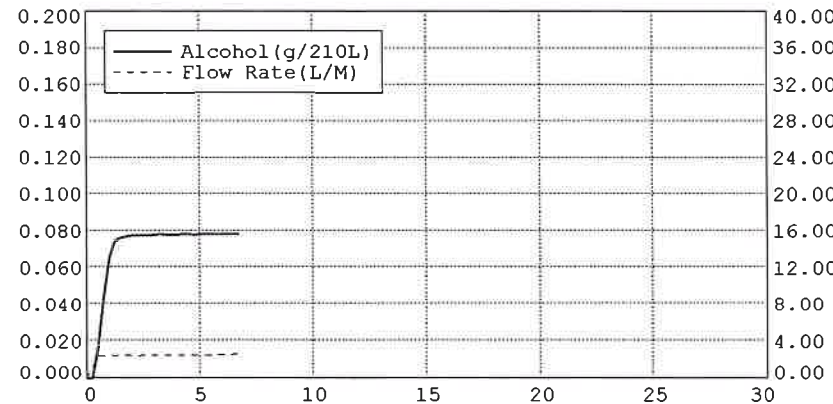
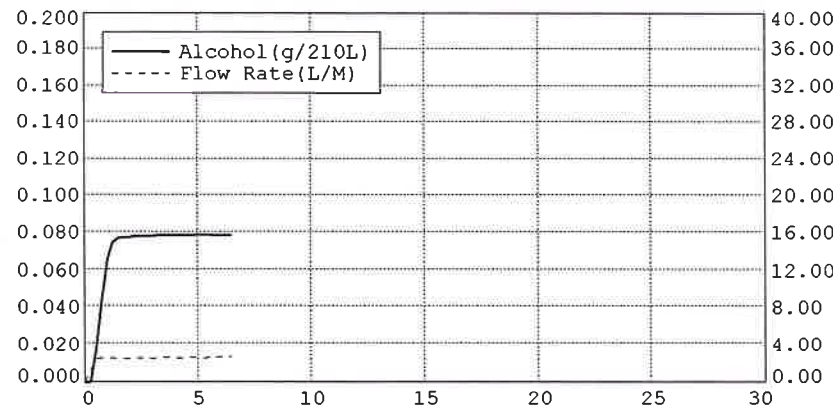
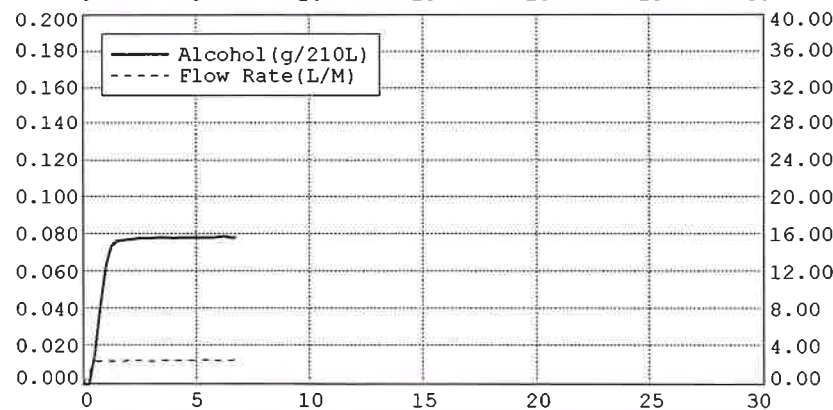
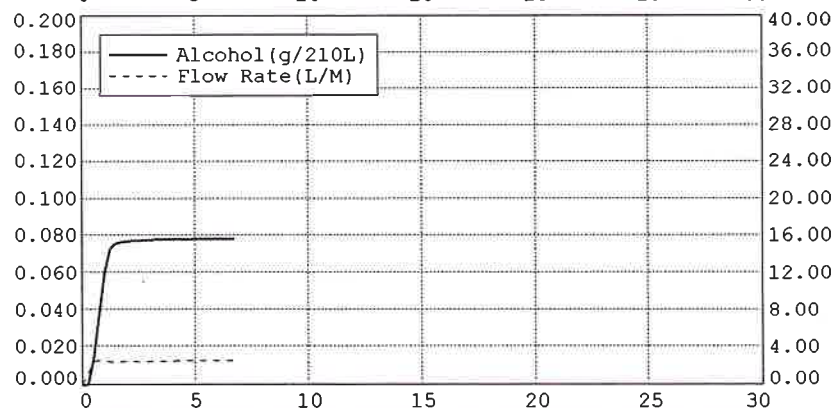
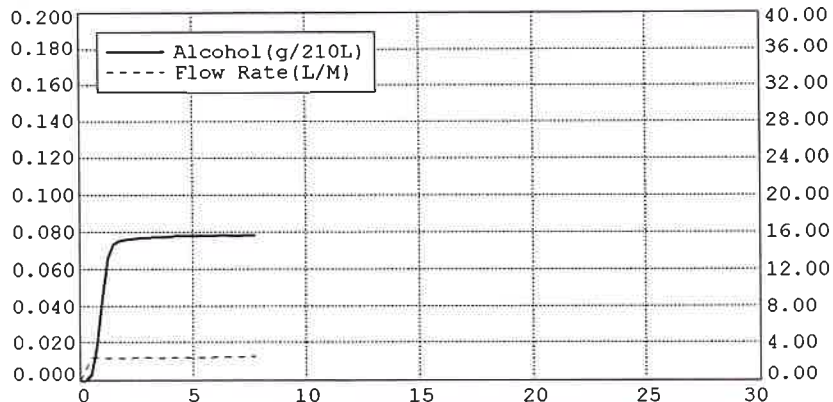
EXPIRATION: 05/05/2025

TANK PRESSURE: 333 psi

BLANK TEST	0.000	07:22
INTERNAL STANDARD	VERIFIED	07:23
EXTERNAL STANDARD	0.079	07:23
BLANK TEST	0.000	07:24
EXTERNAL STANDARD	0.079	07:24
BLANK TEST	0.000	07:25
EXTERNAL STANDARD	0.079	07:25
BLANK TEST	0.000	07:26
EXTERNAL STANDARD	0.079	07:26
BLANK TEST	0.000	07:27
EXTERNAL STANDARD	0.079	07:27
BLANK TEST	0.000	07:28

Average = 0.0790

Std Dev = 0.0000



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety
DATAMASTER dmt: 100397

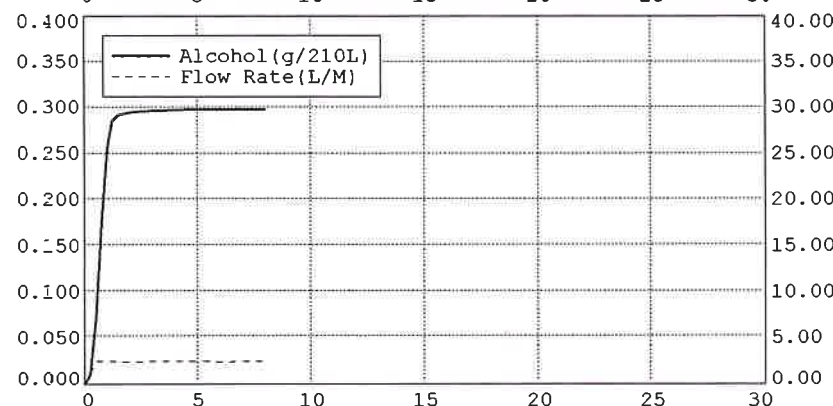
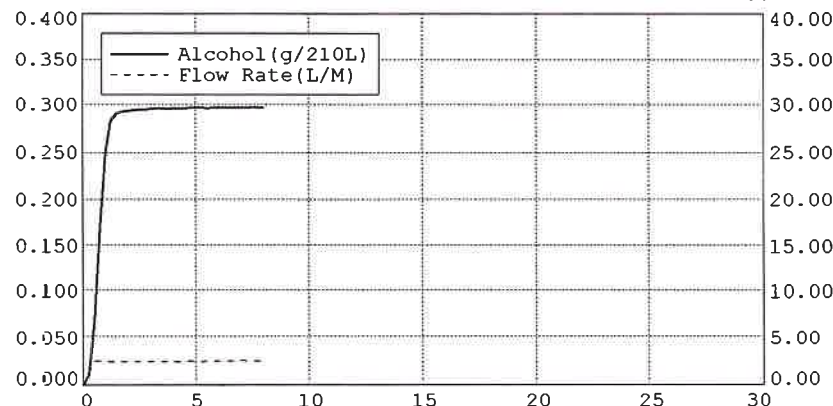
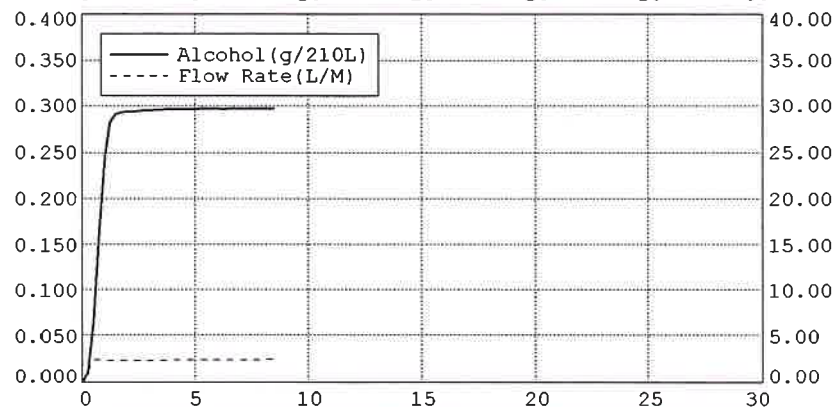
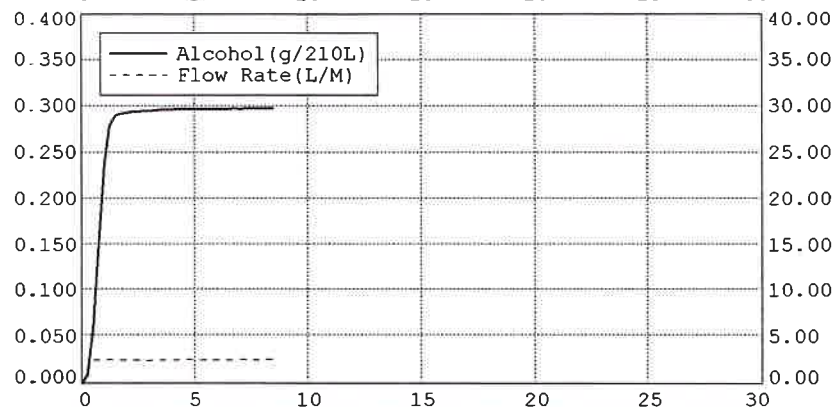
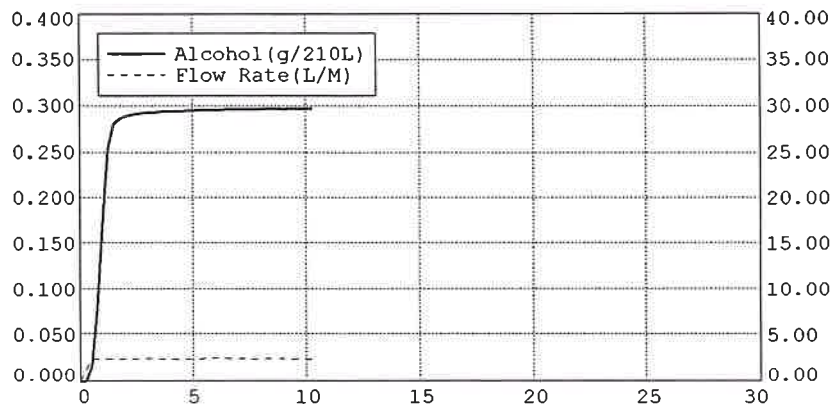
Date: 02/05/2025
Time: 07:31:00

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.300
TARGET AT 30.21: 0.303
LOT #: AG427706
EXPIRATION: 10/03/2026
TANK PRESSURE: 159 psi

BLANK TEST	0.000	07:32
INTERNAL STANDARD	VERIFIED	07:32
EXTERNAL STANDARD	0.298	07:32
BLANK TEST	0.000	07:33
EXTERNAL STANDARD	0.298	07:33
BLANK TEST	0.000	07:34
EXTERNAL STANDARD	0.298	07:34
BLANK TEST	0.000	07:35
EXTERNAL STANDARD	0.297	07:36
BLANK TEST	0.000	07:36
EXTERNAL STANDARD	0.298	07:37
BLANK TEST	0.000	07:38

Average = 0.2978
Std Dev = 0.0004



DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 02/05/2025
Time: 06:49:42

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

TEMPERATURES

Sample Chamber = 48.8°C	PASSED
Breath Tube = 48.1°C	PASSED

PUMP INFO	
Flow Rate = 4.687 L/M	PASSED

DETECTOR INFO	
PUMP ON	PASSED
PUMP OFF	PASSED

FILTER INFO	
Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD	PASSED
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DIAGNOSTIC RECORD

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 02/05/2025
Time: 06:49:42

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 = 48.1°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.82 V	PASSED
(1.00 V - 2.32 V)	
Cooler Voltage = 1.58 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 = 30.0 in	

PUMP INFO

Flow Rate = 4.687 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%	PASSED
(0.00% - 4.00%)	

Technician Screen

DATAMASTER dmt: 100399

Date: 02/05/2025
Time: 6:58 AM

Temperatures (°C)
Sample Cell: 48.9°C
Breath Tube: 48.1°C

Current Barometer 30.2 in
Volume (Ltr) 0.00

Settings
Lamp: 1.82 V
Bias: 81 V
Cooler: 1.58 V
Chopper: 525 Hz

Voltages (V)
Flow: 1.06 V
Detector: -0.049 V

LINEARITY CHECK

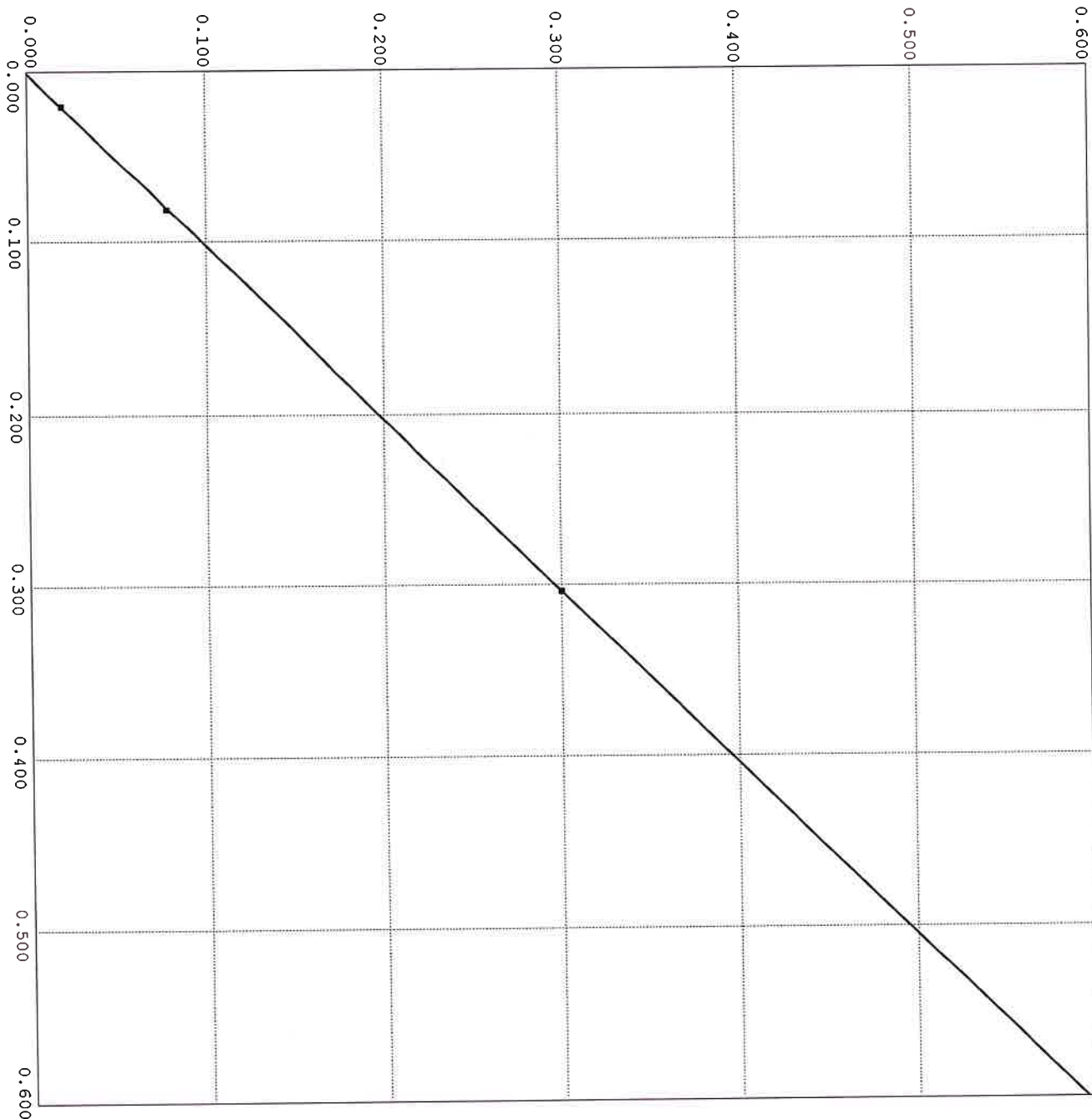
Alaska Department of Public Safety
 DATAMASTER dnt: 100399

Date: 02/05/2025
 Time: 07:12:11

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

TARGET	AVERAGE	STD. DEV.
0.020	0.0200	0.0000
0.081	0.0792	0.0004
0.303	0.3008	0.0004

SLOPE = 0.993830
 R^2 = 0.999976



OK

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100399

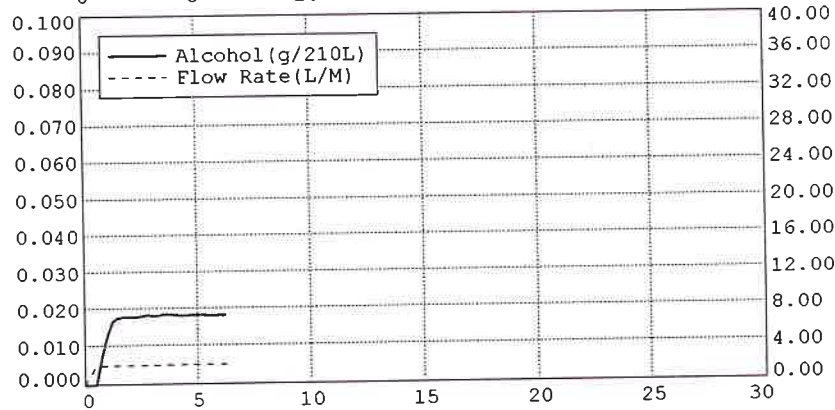
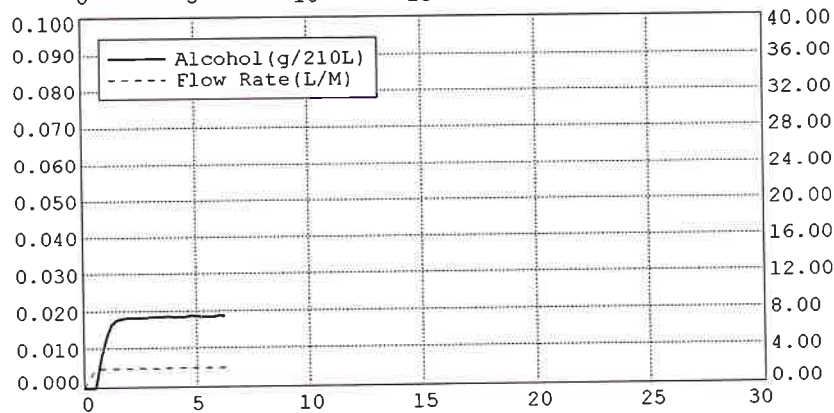
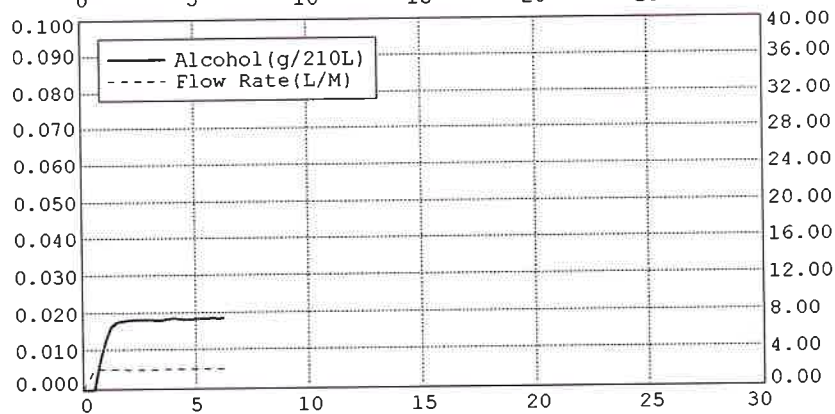
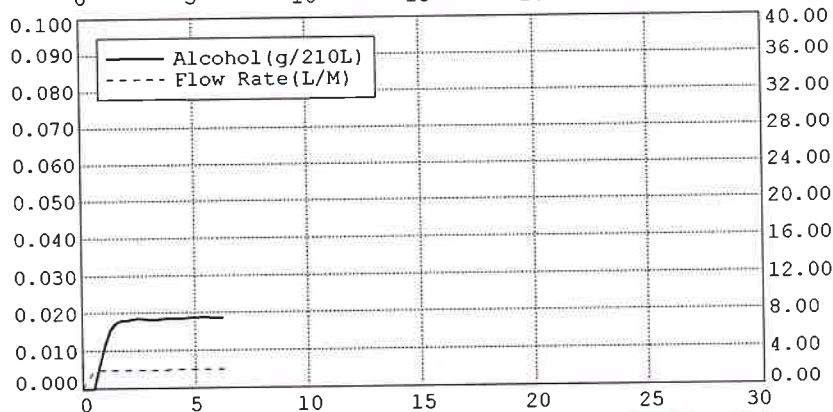
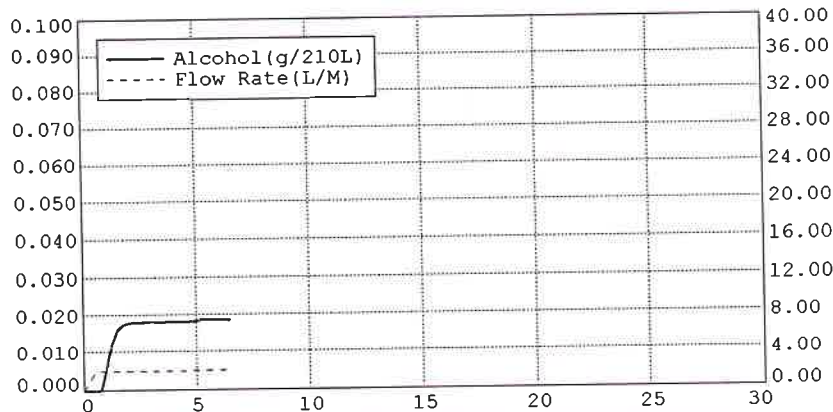
Date: 02/05/2025
Time: 07:12:13

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
TARGET AT 30.20: 0.020
LOT #: AG408002
EXPIRATION: 03/20/2026
TANK PRESSURE: 558 psi

BLANK TEST	0.000	07:20
INTERNAL STANDARD	VERIFIED	07:20
EXTERNAL STANDARD	0.020	07:20
BLANK TEST	0.000	07:21
EXTERNAL STANDARD	0.020	07:21
BLANK TEST	0.000	07:22
EXTERNAL STANDARD	0.020	07:22
BLANK TEST	0.000	07:23
EXTERNAL STANDARD	0.020	07:23
BLANK TEST	0.000	07:24
EXTERNAL STANDARD	0.020	07:25
BLANK TEST	0.000	07:25

Average = 0.0200
Std Dev = 0.0000



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety
DATAMASTER dmt: 100399

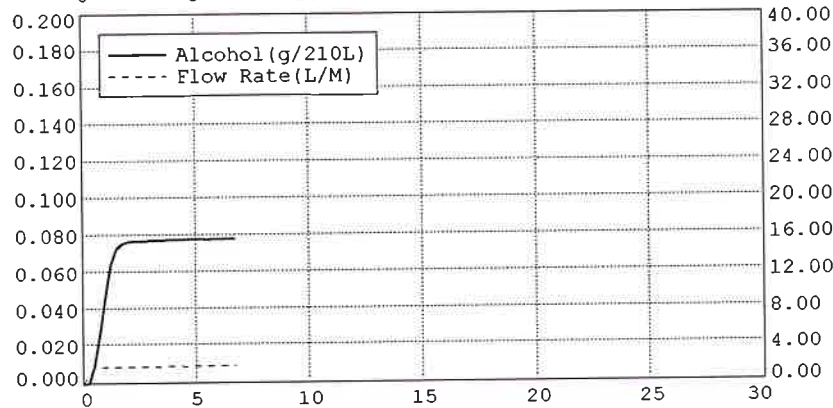
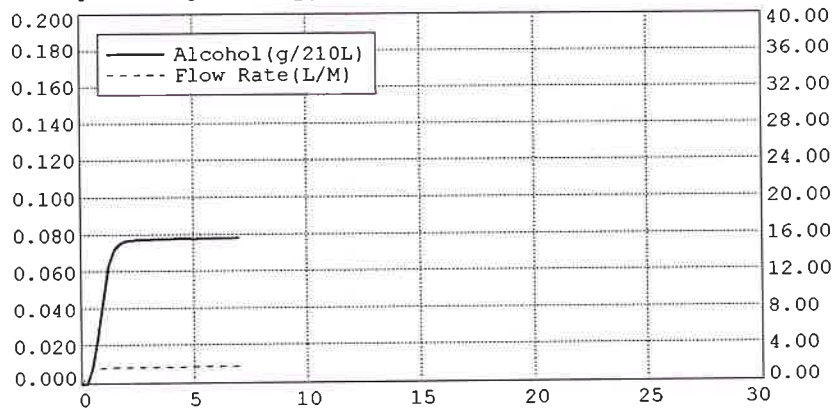
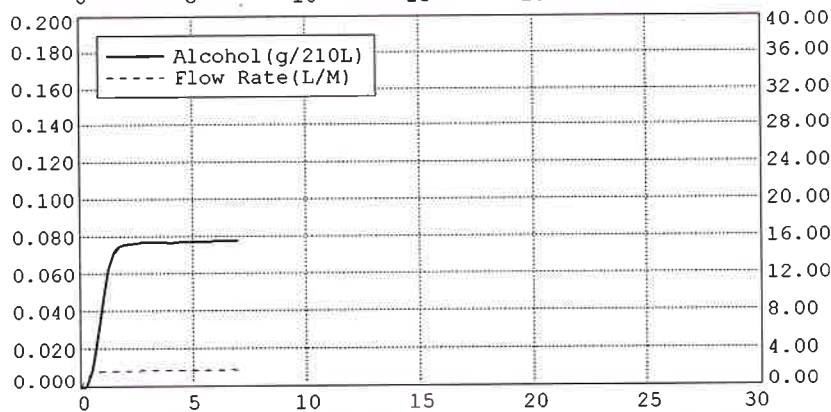
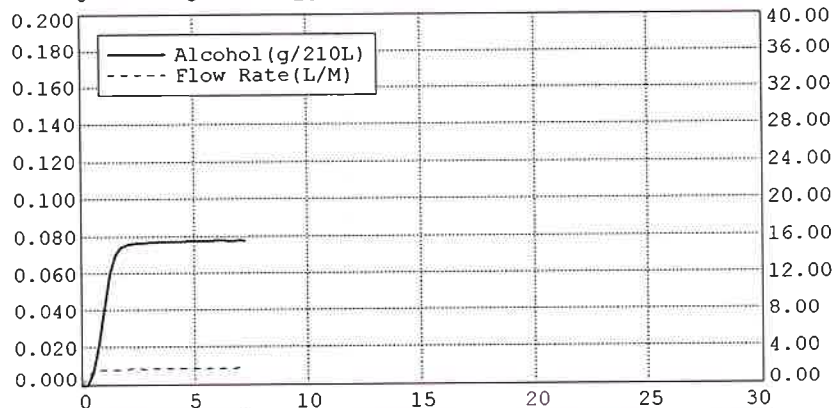
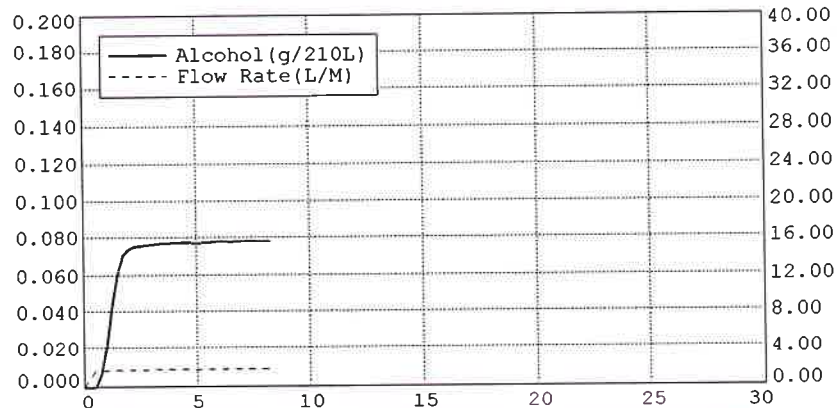
Date: 02/05/2025
Time: 07:29:27

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.20: 0.081
LOT #: AG335202
EXPIRATION: 12/18/2025
TANK PRESSURE: 201 psi

BLANK TEST	0.000	07:30
INTERNAL STANDARD	VERIFIED	07:30
EXTERNAL STANDARD	0.079	07:31
BLANK TEST	0.000	07:31
EXTERNAL STANDARD	0.079	07:32
BLANK TEST	0.000	07:33
EXTERNAL STANDARD	0.079	07:33
BLANK TEST	0.000	07:34
EXTERNAL STANDARD	0.080	07:34
BLANK TEST	0.000	07:35
EXTERNAL STANDARD	0.079	07:35
BLANK TEST	0.000	07:36

Average = 0.0792
Std Dev = 0.0004



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety
DATAMASTER dmt: 100399

Date: 02/05/2025
Time: 07:38:19

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.300
TARGET AT 30.20: 0.303
LOT #: AG427706
EXPIRATION: 10/03/2026
TANK PRESSURE: 203 psi

BLANK TEST	0.000	07:39
INTERNAL STANDARD	VERIFIED	07:39
EXTERNAL STANDARD	0.301	07:39
BLANK TEST	0.000	07:40
EXTERNAL STANDARD	0.301	07:41
BLANK TEST	0.000	07:42
EXTERNAL STANDARD	0.301	07:42
BLANK TEST	0.000	07:43
EXTERNAL STANDARD	0.301	07:43
BLANK TEST	0.000	07:44
EXTERNAL STANDARD	0.300	07:44
BLANK TEST	0.000	07:45

Average = 0.3008
Std Dev = 0.0004

