



Only 1 tank received in this lot.  
CKG 12/18/2025

**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 # AG516101 Model 108**

<b>Exp Date</b>	<b>Cyl. Type</b>	<b>Component</b>	<b>Certified Concentration</b>
10-Jun-2027	108	Ethanol Nitrogen	0.100 ± 2% BrAC (260 ppm)

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

<b>RGM Serial No.</b>	<b>Concentration</b>	<b>RGM Serial No.</b>	<b>Concentration</b>
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		

<b>CRM Serial No.</b>	<b>Concentration</b>	<b>CRM Serial No.</b>	<b>Concentration</b>
CC727481	799.4 ppm	CC727493	389.8 ppm
CC727496	253.4 ppm	CC727498	150.2 ppm

**Analytical Method:** NDIR

Digitally signed by:Quality Control  
Reason:Dry gas standard certification of analysis  
Location:Airgas USA LLC (Lab)  
Date:06.11.2025 07:36

**Approved for Release:** \_\_\_\_\_  
Yusef Woods

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

**SUPERVISOR TEST**

Alaska Department of Public Safety  
DATAMASTER dmt: 100375

Date: 12/12/2025  
Time: 10:08:06

SUPERVISOR NAME:  
CARLIE GLAISTER  
OPERATOR'S #: 10436

**EXTERNAL STANDARD INFORMATION**

NOMINAL: 0.100  
TARGET AT 30.12: 0.101  
TANK PRESSURE: 1124 psi

BLANK TEST	0.000	10:09
INTERNAL STANDARD	VERIFIED	10:09
EXTERNAL STANDARD	0.100	10:09
BLANK TEST	0.000	10:10
EXTERNAL STANDARD	0.100	10:10
BLANK TEST	0.000	10:11
EXTERNAL STANDARD	0.100	10:11
BLANK TEST	0.000	10:12
EXTERNAL STANDARD	0.100	10:12
BLANK TEST	0.000	10:13
EXTERNAL STANDARD	0.100	10:13
BLANK TEST	0.000	10:14

Average = 0.1000  
Std Dev = 0.0000

Lot: AG-516101

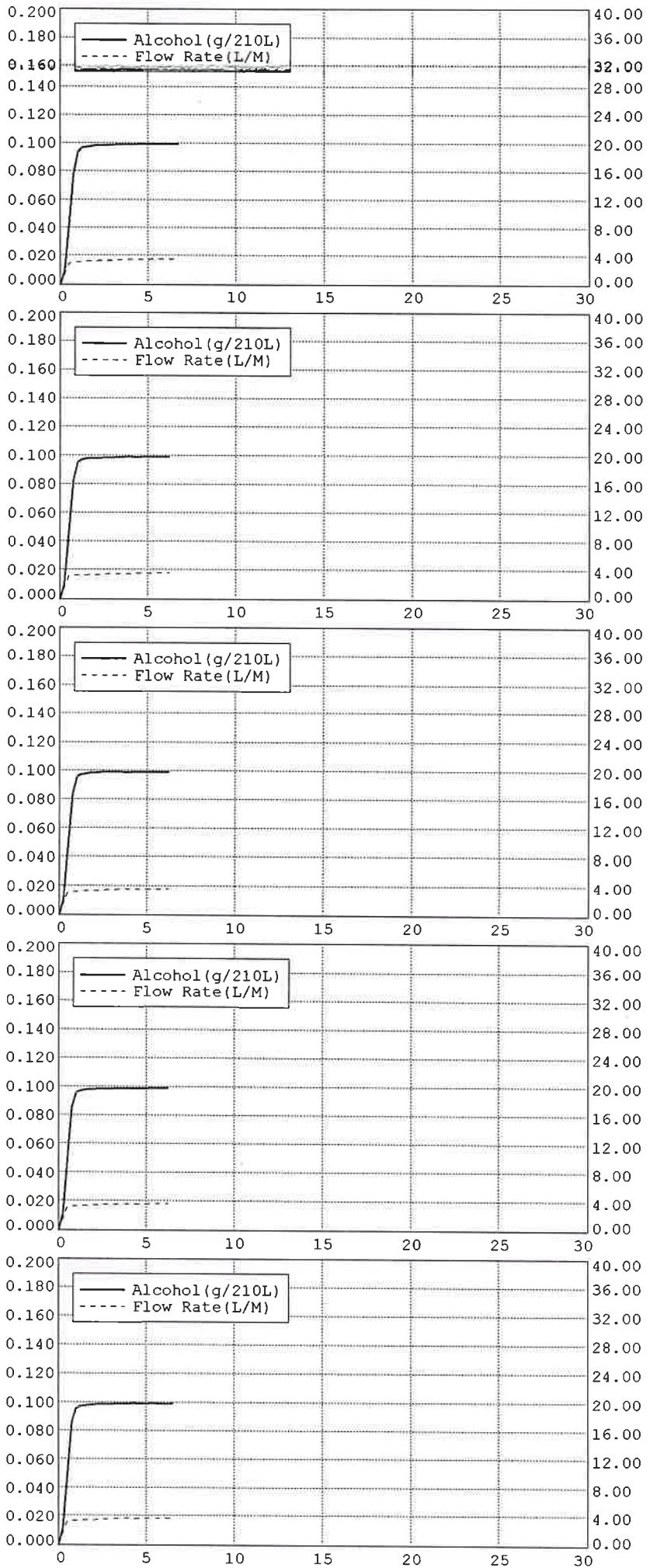
Exp: 06/10/2027

TANK 030

Use 12/12/25

Average ~~0.010~~  
0.100

on 6/12/25



**SUPERVISOR TEST**

Alaska Department of Public Safety  
DATAMASTER dmt: 100374

Date: 12/12/2025  
Time: 10:17:31

SUPERVISOR NAME:  
CARLIE GLAISTER  
OPERATOR'S #: 10436

**EXTERNAL STANDARD INFORMATION**

NOMINAL: 0.100

TARGET AT 30.16: 0.101

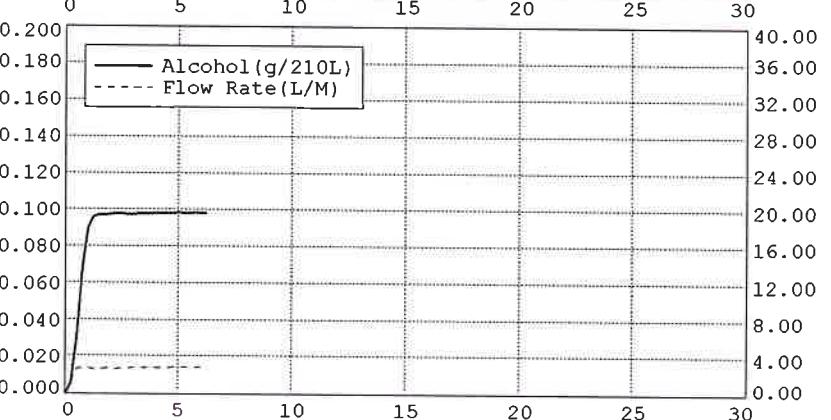
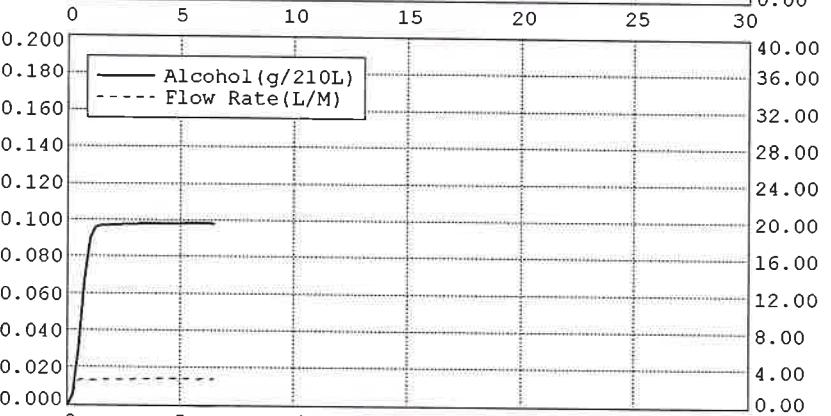
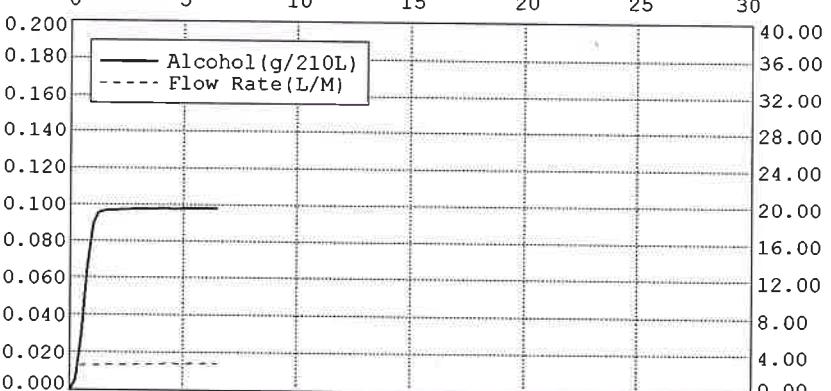
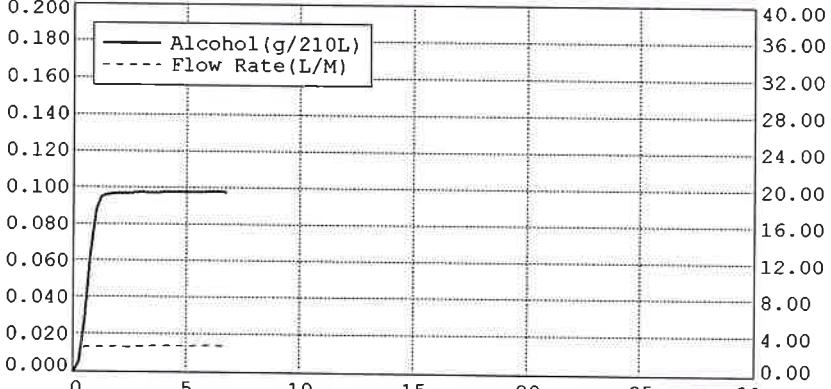
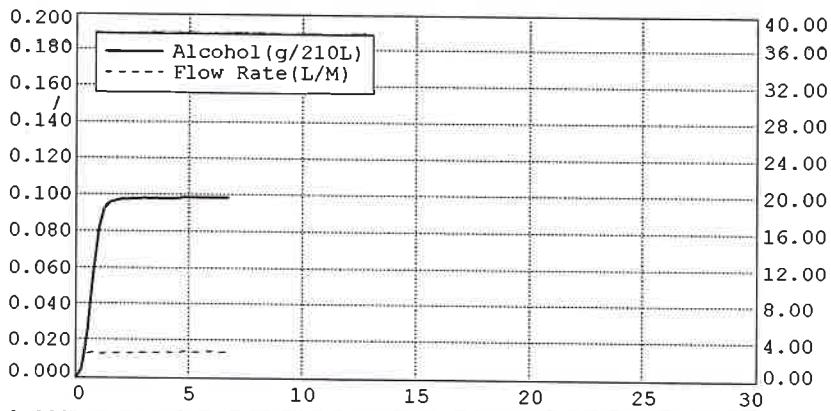
TANK PRESSURE: 1107 psi

BLANK TEST	0.000	10:19
INTERNAL STANDARD	VERIFIED	10:19
EXTERNAL STANDARD	0.100	10:20
BLANK TEST	0.000	10:20
EXTERNAL STANDARD	0.099	10:21
BLANK TEST	0.000	10:22
EXTERNAL STANDARD	0.099	10:22
BLANK TEST	0.000	10:23
EXTERNAL STANDARD	0.100	10:23
BLANK TEST	0.000	10:24
EXTERNAL STANDARD	0.099	10:24
BLANK TEST	0.000	10:25

Average = 0.0994

Std Dev = 0.0005

Lot: AG516101  
Exp: 06/10/2027  
Tank 030  
NG 12/12/25



**SUPERVISION TEST**

Alaska Department of Public Safety  
DATAMASTER dmt: 100399

Date: 12/12/2025  
Time: 10:22:49

SUPERVISOR NAME:  
CARLIE GLAISTER  
OPERATOR'S #: 10436

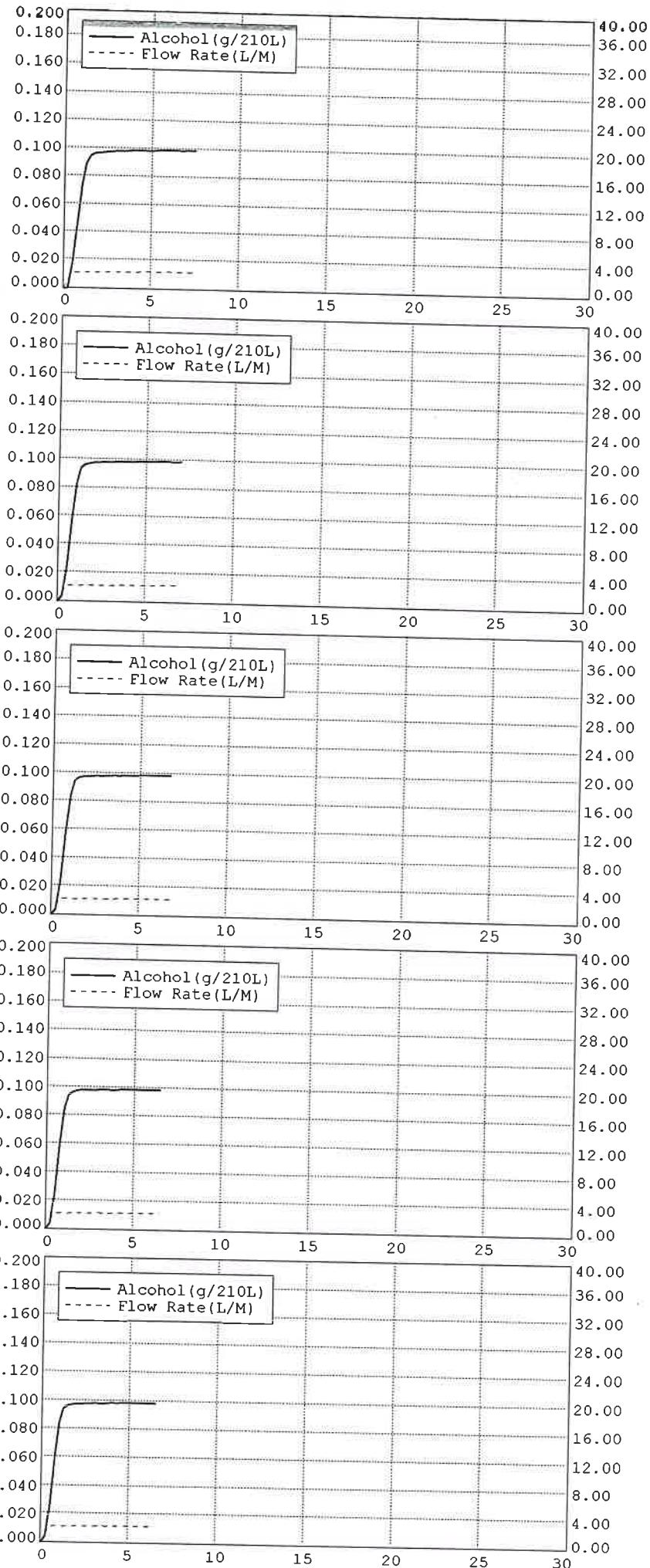
**EXTERNAL STANDARD INFORMATION**

NOMINAL: 0.100  
TARGET AT 30.15: 0.101  
TANK PRESSURE: 1071 psi

BLANK TEST	0.000	10:23
INTERNAL STANDARD	VERIFIED	10:24
EXTERNAL STANDARD	0.100	10:24
BLANK TEST	0.000	10:24
EXTERNAL STANDARD	0.100	10:25
BLANK TEST	0.000	10:25
EXTERNAL STANDARD	0.100	10:25
BLANK TEST	0.000	10:26
EXTERNAL STANDARD	0.100	10:26
BLANK TEST	0.000	10:27
EXTERNAL STANDARD	0.100	10:27
BLANK TEST	0.000	10:28
EXTERNAL STANDARD	0.100	10:28
BLANK TEST	0.000	10:29

Average = 0.1000  
Std Dev = 0.0000

Lot: AG516101  
Exp: 06/10/2027  
CGB 12/12/25  
Tank 030



# DIAGNOSTIC RECORD

Alaska Department of Public Safety  
DATAMASTER dmt: 100375

Date: 12/12/2025  
Time: 09:00:01

## VERSIONS

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

## TEMPERATURES

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

## SETTINGS

Lamp Voltage = 1.52 V PASSED  
(0.92 V - 2.16 V)  
Cooler Voltage = 1.73 V PASSED  
(0.92 V - 2.16 V)  
Bias Voltage = 79 V PASSED  
(47 V - 111 V)  
Chopper Freq = 531 Hz PASSED  
(475 Hz - 575 Hz)  
Barometer = 30.2 in

PUMP INFO  
Flow Rate = 4.052 L/M PASSED  
(3.500 L/M - 6.500 L/M)

## DETECTOR INFO

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

## FILTER INFO

Filter 1 PASSED  
Filter 2 PASSED  
Filter 3 PASSED

INTERNAL STANDARD PASSED  
Xq = 0.093 1.44% (0.00% - 4.00%)

## Technician Screen

-----  
DATAMASTER dmt: 100375  
-----

Date: 12/12/2025  
Time: 9:03 AM

Temperatures (°C)  
Sample Cell: 48.8°C  
Breath Tube: 47.9°C

Current Barometer 30.2 in  
Volume (Ltr) 0.00

Settings  
Lamp: 1.52 V  
Bias: 79 V  
Cooler: 1.73 V  
Chopper: 530 Hz

Voltages (V)  
Flow: 1.05 V  
Detector: 0.071 V

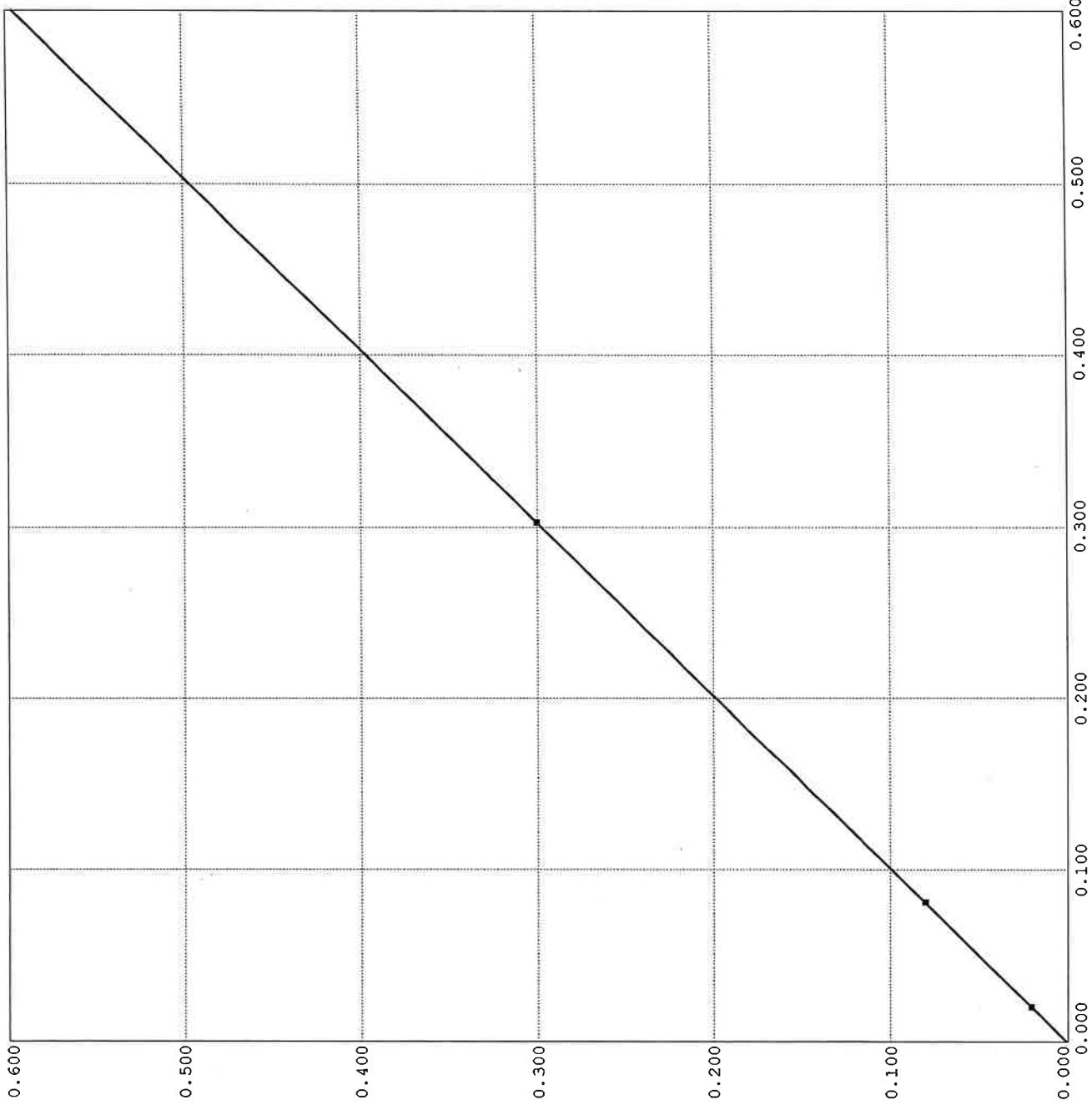
### LINEARITY CHECK

Alaska Department of Public Safety  
DATAMASTER dmt: 100375

Date: 12/12/2025  
Time: 09:06:58

SUPERVISOR NAME: SCARLIE GLAISTER  
OPERATOR'S #: 1043

	AVERAGE	STD. DEV.
TARGET		
0.020	0.0212	0.0004
0.081	0.0812	0.0004
0.302	0.3010	0.0000
SLOPE	0.992833	0.999996
$R^2$		



# LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety  
DATAMASTER dmt: 100375

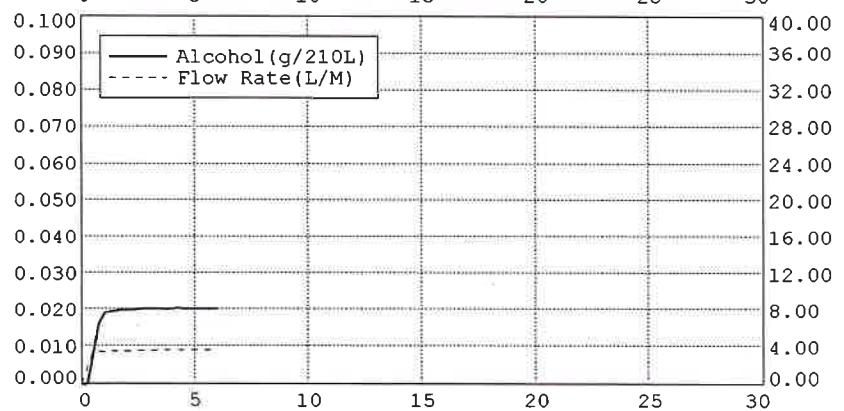
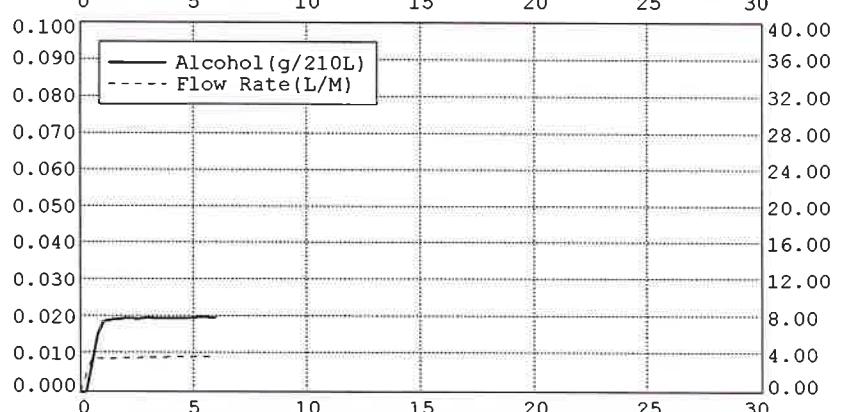
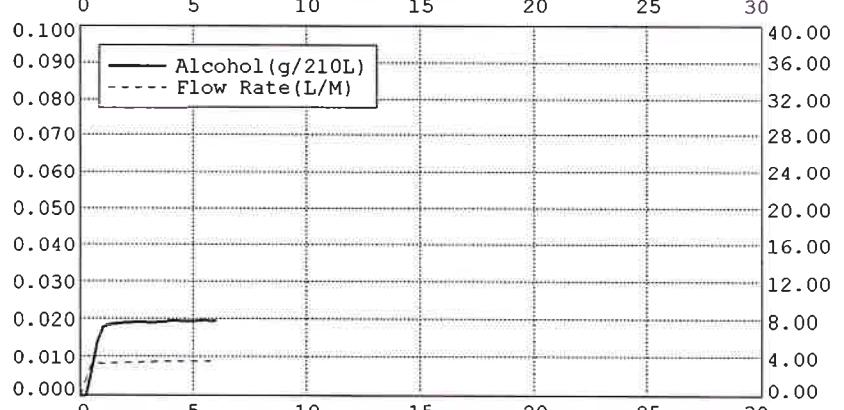
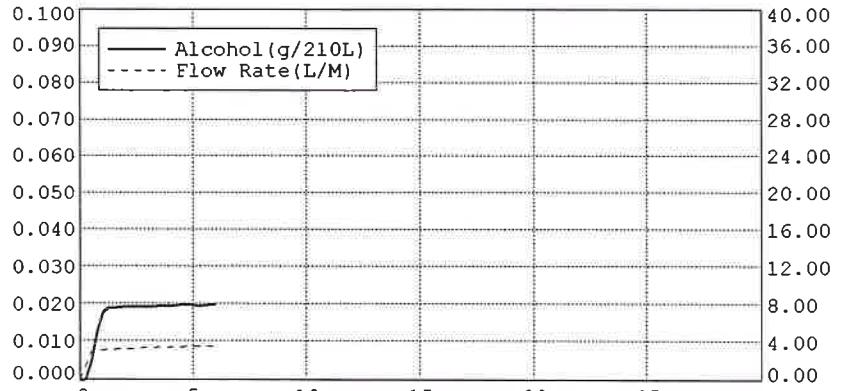
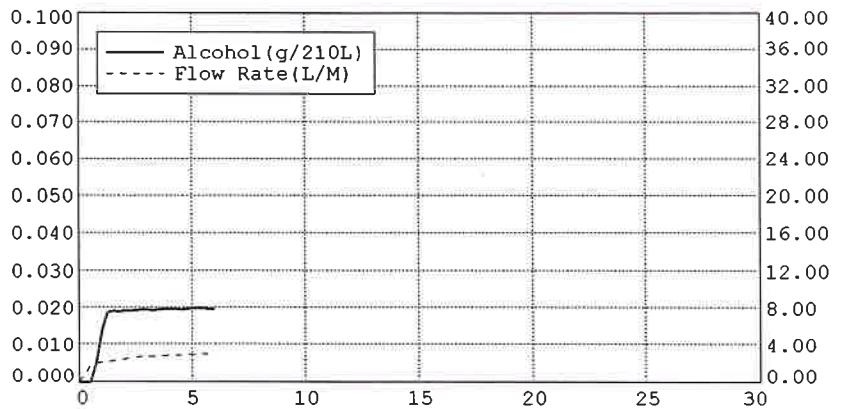
Date: 12/12/2025  
Time: 09:07:00

## EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020  
TARGET AT 30.15: 0.020  
LOT #: AG408002  
EXPIRATION: 03/20/2026  
TANK PRESSURE: 738 psi

BLANK TEST	0.000	09:08
INTERNAL STANDARD	VERIFIED	09:08
EXTERNAL STANDARD	0.021	09:08
BLANK TEST	0.000	09:09
EXTERNAL STANDARD	0.021	09:09
BLANK TEST	0.000	09:10
EXTERNAL STANDARD	0.021	09:10
BLANK TEST	0.000	09:11
EXTERNAL STANDARD	0.021	09:11
BLANK TEST	0.000	09:12
EXTERNAL STANDARD	0.022	09:13
BLANK TEST	0.000	09:13

Average = 0.0212  
Std Dev = 0.0004



# LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety  
DATAMASTER dmt: 100375

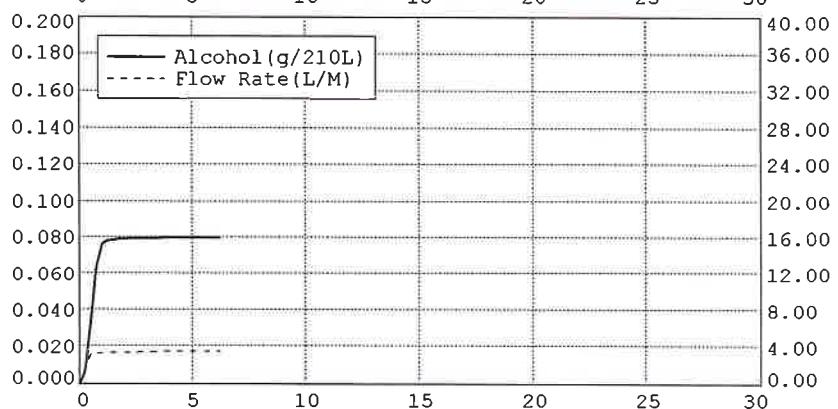
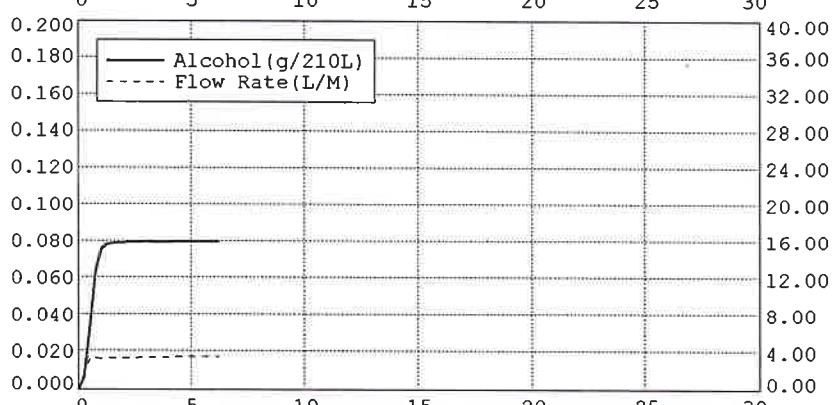
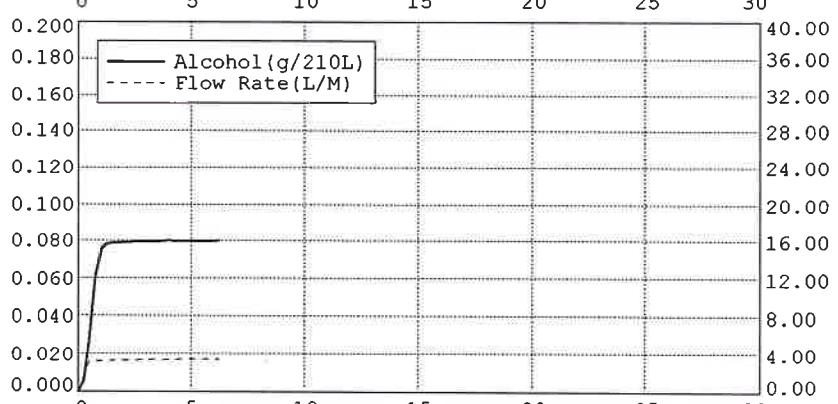
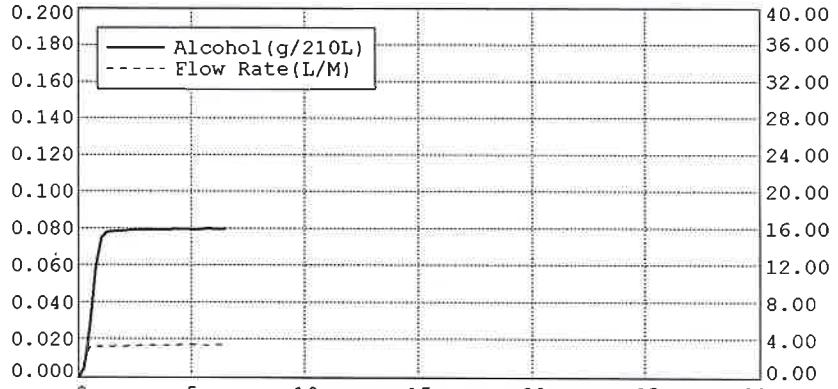
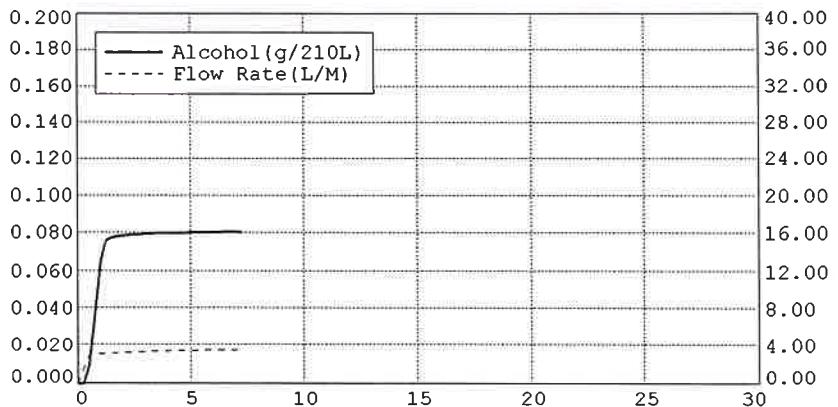
Date: 12/12/2025  
Time: 09:15:42

## EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 30.15: 0.081  
LOT #: AG335202  
EXPIRATION: 12/18/2025  
TANK PRESSURE: 541 psi

BLANK TEST	0.000	09:16
INTERNAL STANDARD	VERIFIED	09:17
EXTERNAL STANDARD	0.082	09:17
BLANK TEST	0.000	09:18
EXTERNAL STANDARD	0.081	09:18
BLANK TEST	0.000	09:19
EXTERNAL STANDARD	0.081	09:19
BLANK TEST	0.000	09:20
EXTERNAL STANDARD	0.081	09:20
BLANK TEST	0.000	09:21
EXTERNAL STANDARD	0.081	09:21
BLANK TEST	0.000	09:22

Average = 0.0812  
Std Dev = 0.0004



# LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety  
DATAMASTER dmt: 100375

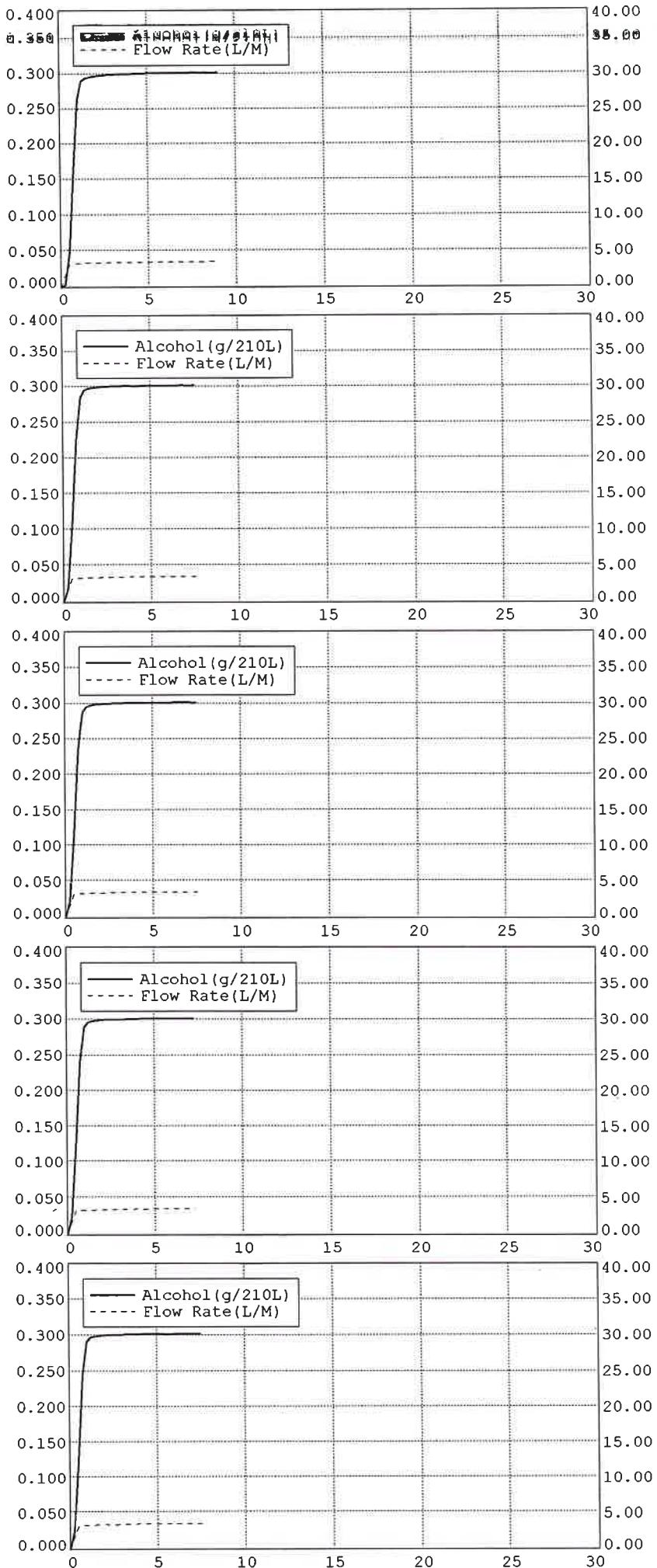
Date: 12/12/2025  
Time: 09:31:06

## EXTERNAL STANDARD INFORMATION

NOMINAL: 0.300  
TARGET AT 30.15: 0.302  
LOT #: AG427706  
EXPIRATION: 10/03/2026  
TANK PRESSURE: 365 psi

BLANK TEST	0.000	09:32
INTERNAL STANDARD	VERIFIED	09:32
EXTERNAL STANDARD	0.301	09:32
BLANK TEST	0.000	09:33
EXTERNAL STANDARD	0.301	09:33
BLANK TEST	0.000	09:34
EXTERNAL STANDARD	0.301	09:35
BLANK TEST	0.000	09:36
EXTERNAL STANDARD	0.301	09:36
BLANK TEST	0.000	09:37
EXTERNAL STANDARD	0.301	09:37
BLANK TEST	0.000	09:38

Average = 0.3010  
Std Dev = 0.0000



# DIAGNOSTIC RECORD

Alaska Department of Public Safety  
DATAMASTER dmt: 100374

Date: 12/12/2025  
Time: 08:55:29

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

## TEMPERATURES

Sample Chamber = 48.9°C PASSED  
(44.0°C - 52.0°C)  
Breath Tube = 47.9°C PASSED  
(38.0°C - 50.0°C)

## SETTINGS

Lamp Voltage = 1.59 V PASSED  
(0.95 V - 2.23 V)  
Cooler Voltage = 1.56 V PASSED  
(0.92 V - 2.14 V)  
Bias Voltage = 80 V PASSED  
(48 V - 112 V)  
Chopper Freq = 526 Hz PASSED  
(475 Hz - 575 Hz)  
Barometer = 30.2 in

PUMP INFO  
Flow Rate = 4.669 L/M PASSED  
(3.500 L/M - 6.500 L/M)

## DETECTOR INFO

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

FILTER INFO  
Filter 1 PASSED  
Filter 2 PASSED  
Filter 3 PASSED

INTERNAL STANDARD PASSED  
Xq = 0.091 0.48% (0.00% - 4.00%)

## Technician Screen

-----  
DATAMASTER dmt: 100374

Date: 12/12/2025  
Time: 8:59 AM

Temperatures (°C)  
Sample Cell: 48.7°C  
Breath Tube: 47.4°C

Current Barometer 30.1 in  
Volume (Ltr) 0.00

Settings  
Lamp: 1.59 V  
Bias: 80 V  
Cooler: 1.56 V  
Chopper: 525 Hz

Voltages (V)  
Flow: 1.05 V  
Detector: 0.075 V

**LINEARITY CHECK**

Alaska Department of Public Safety  
DATAMASTER dmt: 100374

Date: 12/12/2025

Time: 09:03:37

SUPERVISOR NAME:

CARLIE GLAISTER

OPERATOR'S #: 10436

TARGET AVERAGE STD. DEV.

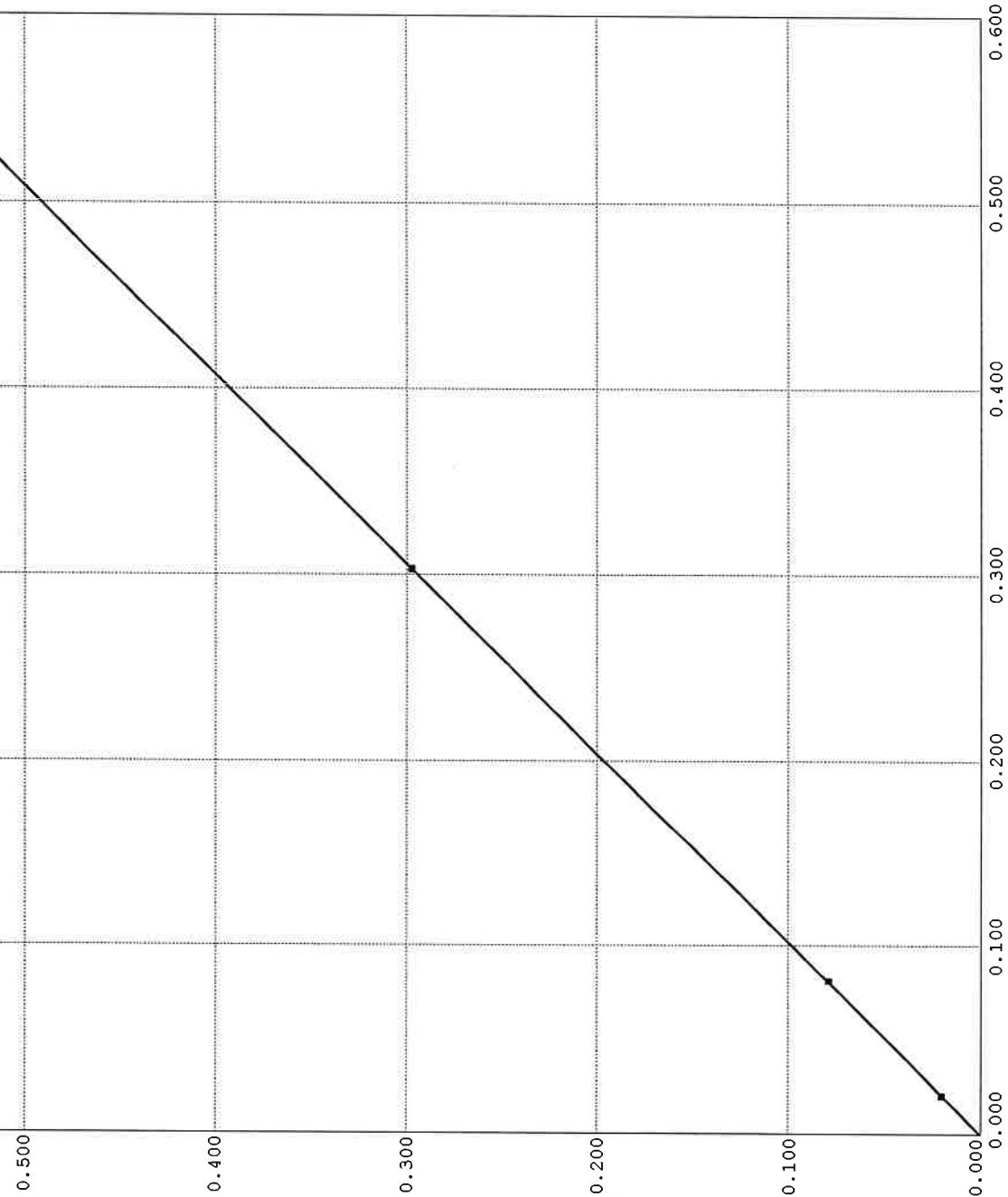
0.020 0.0210 0.0007

0.081 0.0800 0.0000

0.302 0.2980 0.0000

SLOPE = 0.983382

$R^2$  = 0.999988



CK

**LINEARITY CHECK: Control Test 1**

Alaska Department of Public Safety  
DATAMASTER dmt: 100374

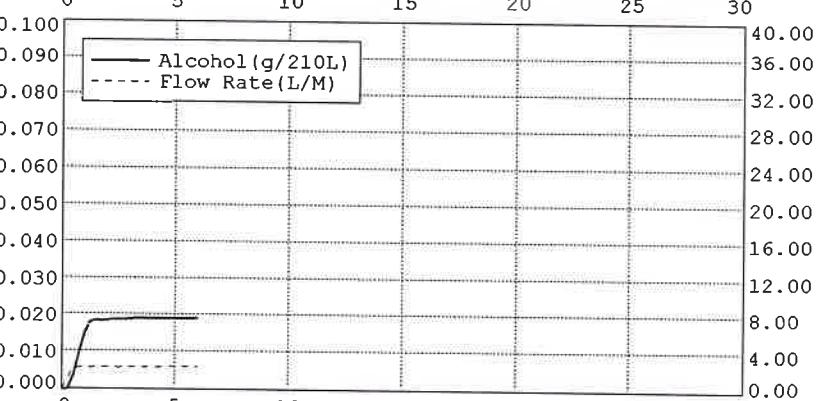
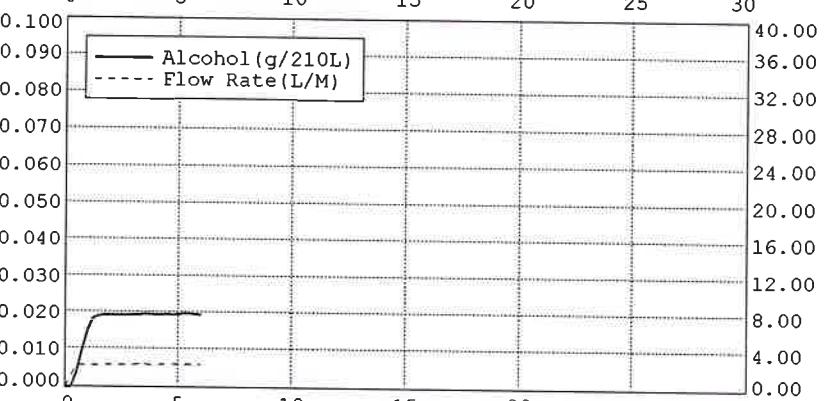
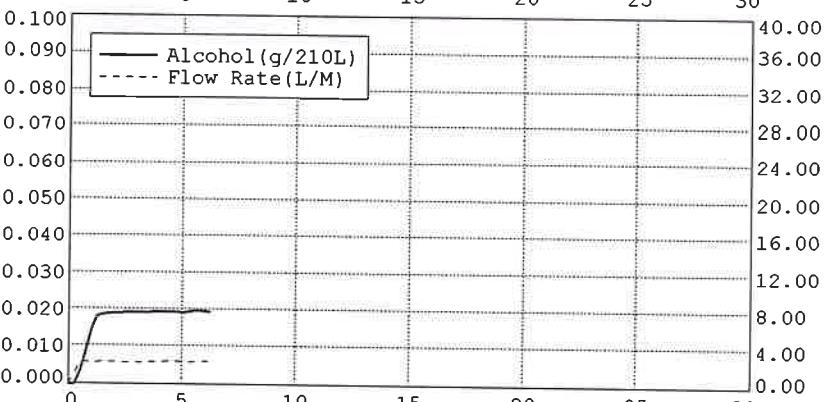
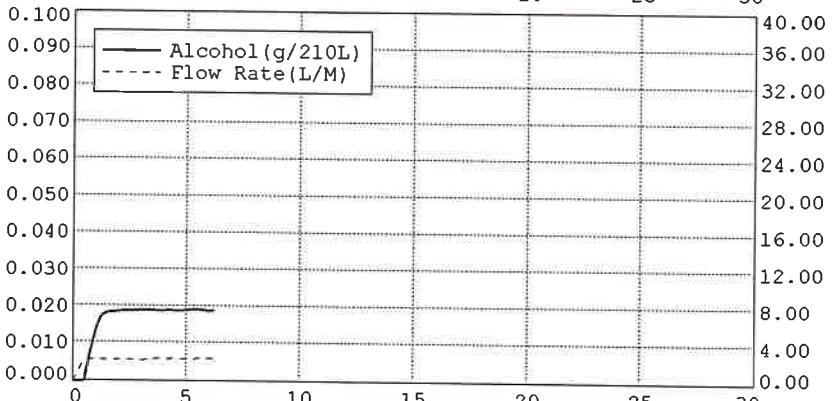
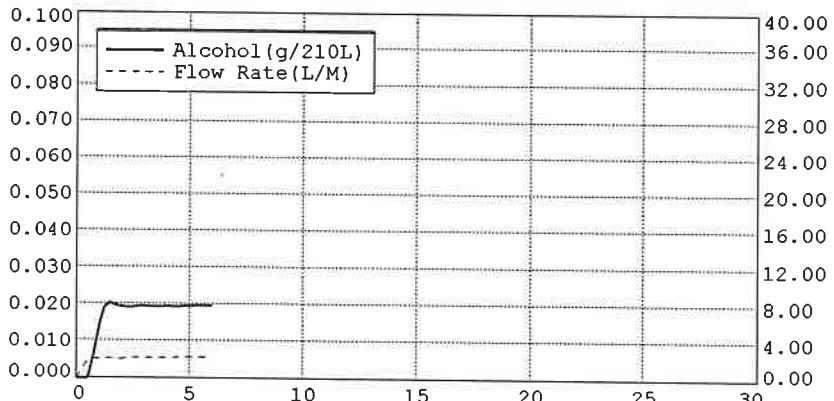
Date: 12/12/2025  
Time: 09:03:40

**EXTERNAL STANDARD INFORMATION**

NOMINAL: 0.020  
TARGET AT 30.16: 0.020  
LOT #: AG408002  
EXPIRATION: 03/20/2026  
TANK PRESSURE: 210 psi

BLANK TEST	0.000	09:04
INTERNAL STANDARD	VERIFIED	09:05
EXTERNAL STANDARD	0.021	09:05
BLANK TEST	0.000	09:06
EXTERNAL STANDARD	0.020	09:06
BLANK TEST	0.000	09:07
EXTERNAL STANDARD	0.021	09:07
BLANK TEST	0.000	09:08
EXTERNAL STANDARD	0.022	09:08
BLANK TEST	0.000	09:09
EXTERNAL STANDARD	0.021	09:09
BLANK TEST	0.000	09:10

Average = 0.0210  
Std Dev = 0.0007



**LINEARITY CHECK: Control Test 2**

Alaska Department of Public Safety  
DATAMASTER dmt: 100374

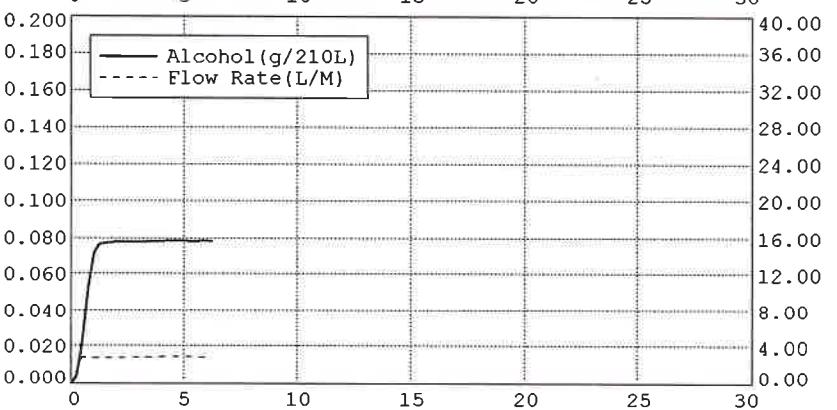
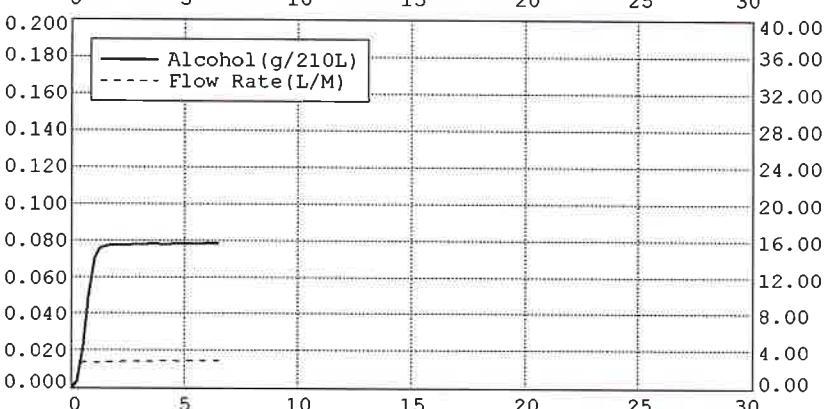
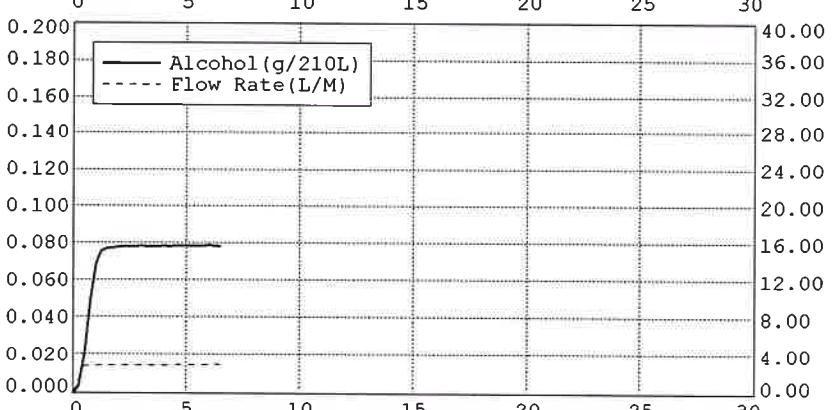
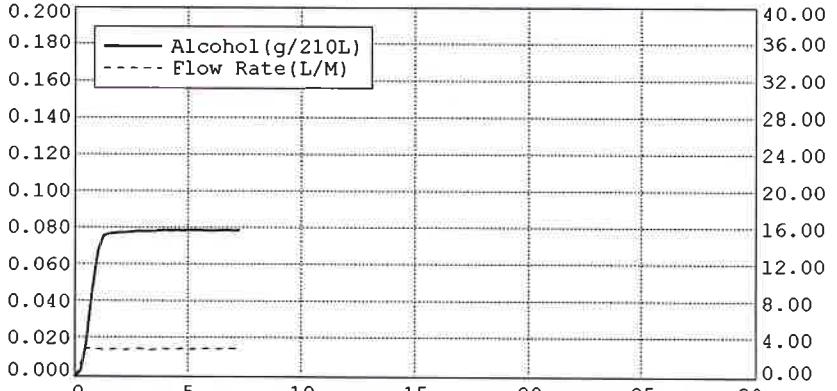
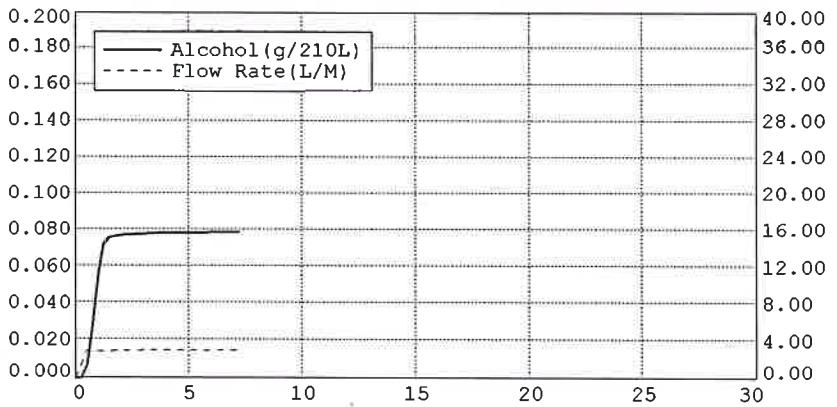
Date: 12/12/2025  
Time: 09:11:46

**EXTERNAL STANDARD INFORMATION**

NOMINAL: 0.080  
TARGET AT 30.17: 0.081  
LOT #: AG335202  
EXPIRATION: 12/18/2025  
TANK PRESSURE: 976 psi

BLANK TEST	0.000	09:12
INTERNAL STANDARD	VERIFIED	09:13
EXTERNAL STANDARD	0.080	09:13
BLANK TEST	0.000	09:14
EXTERNAL STANDARD	0.080	09:14
BLANK TEST	0.000	09:15
EXTERNAL STANDARD	0.080	09:15
BLANK TEST	0.000	09:16
EXTERNAL STANDARD	0.080	09:16
BLANK TEST	0.000	09:17
EXTERNAL STANDARD	0.080	09:17
BLANK TEST	0.000	09:18

Average = 0.0800  
Std Dev = 0.0000



**LINEARITY CHECK: Control Test 3**

Alaska Department of Public Safety  
DATAMASTER dmt: 100374

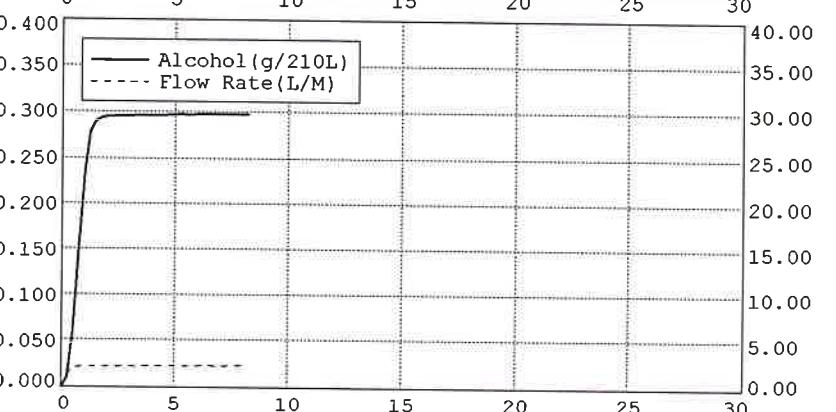
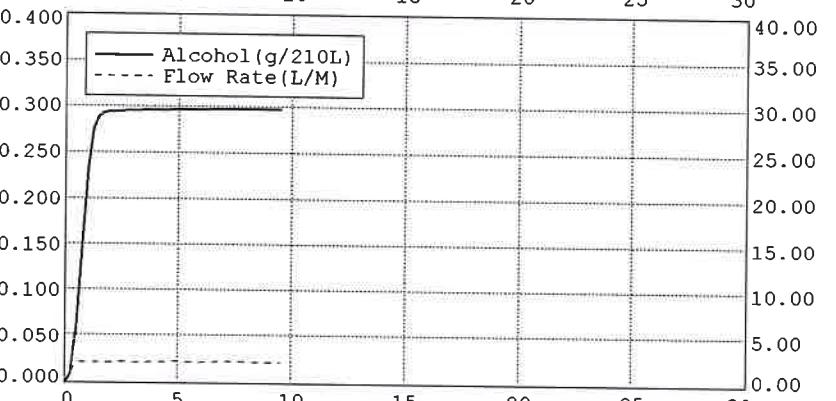
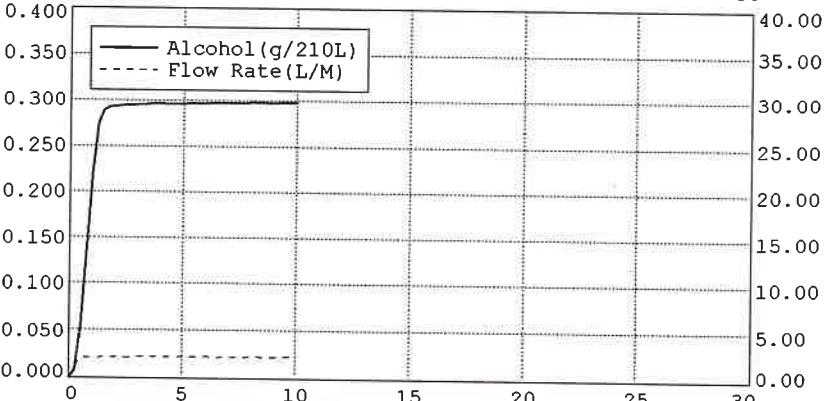
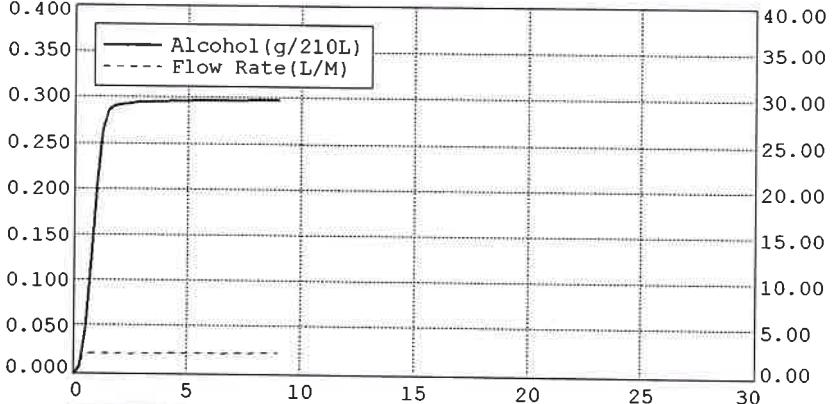
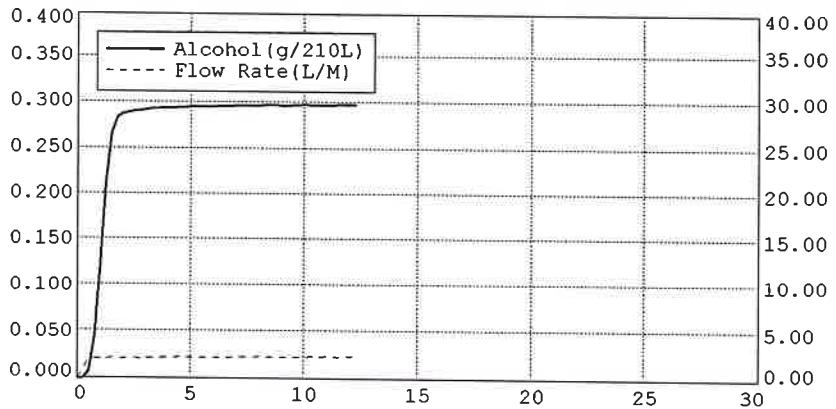
Date: 12/12/2025  
Time: 09:27:46

**EXTERNAL STANDARD INFORMATION**

NOMINAL: 0.300  
TARGET AT 30.15: 0.302  
LOT #: AG427706  
EXPIRATION: 10/03/2026  
TANK PRESSURE: 161 psi

BLANK TEST	0.000	09:29
INTERNAL STANDARD	VERIFIED	09:29
EXTERNAL STANDARD	0.298	09:29
BLANK TEST	0.000	09:30
EXTERNAL STANDARD	0.298	09:30
BLANK TEST	0.000	09:31
EXTERNAL STANDARD	0.298	09:31
BLANK TEST	0.000	09:32
EXTERNAL STANDARD	0.298	09:32
BLANK TEST	0.000	09:33
EXTERNAL STANDARD	0.298	09:34
BLANK TEST	0.000	09:34

Average = 0.2980  
Std Dev = 0.0000



# DIAGNOSTIC RECORD

Alaska Department of Public Safety  
DATAMASTER dmt: 100399

Date: 12/12/2025  
Time: 08:50:43

## VERSIONS

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

## TEMPERATURES

Sample Chamber = 48.9°C  
(44.0°C - 52.0°C) PASSED  
Breath Tube = 48.1°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 = 525 Hz  
(475 Hz - 575 Hz) PASSED  
Barometer = 30.2 in

## PUMP INFO

Flow Rate = 4.649 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 = 0.085 0.62% (0.00% - 4.00%) PASSED

# Technician Screen

-----  
DATAMASTER dmt: 100399  
-----

Date: 12/12/2025  
Time: 8:54 AM

Temperatures (°C)

Sample Cell: 48.9°C  
Breath Tube: 48.1°C

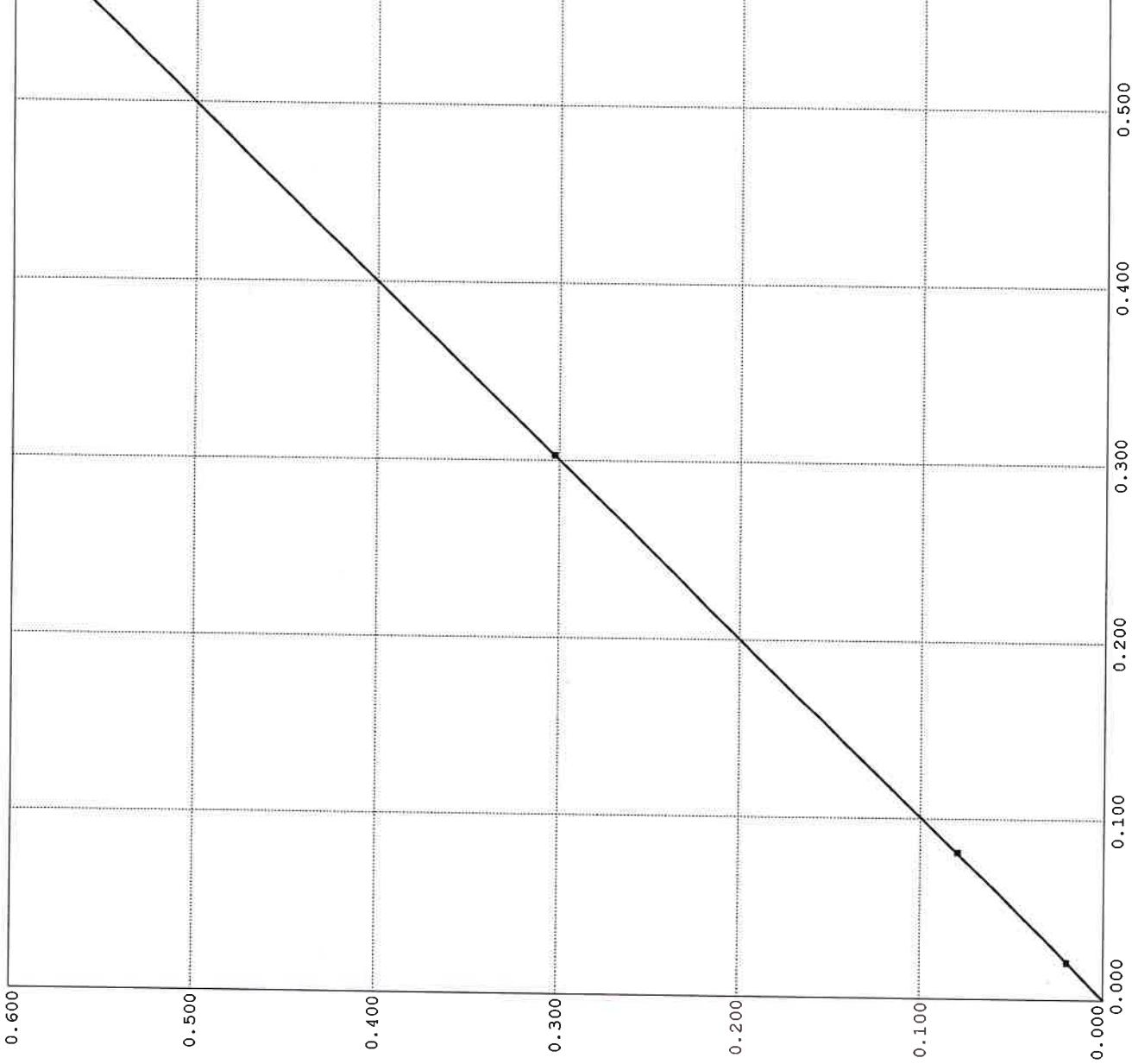
Current Barometer 30.2 in  
Volume (Ltr) 0.00

Settings

Lamp: 1.79 V  
Bias: 81 V  
Cooler: 1.68 V  
Chopper: 524 Hz

Voltages (V)

Flow: 1.06 V  
Detector: 0.044 V

**LINEARITY CHECK**

Alaska Department of Public Safety  
DATAMASTER dmt: 100399  
Date: 12/12/2025  
Time: 09:00:28

SUPERVISOR NAME:  
CARLIE GLAISTER  
OPERATOR'S #: 10436

TARGET	AVERAGE	STD. DEV.
0-020	0.0206	0.0005
0-081	0.0806	0.0005
0.302	0.3032	0.0004

SLOPE = 1.003496  
 $R^2 = 0.999983$

CMW

**LINEARITY CHECK: Control Test 1**

Alaska Department of Public Safety  
DATAMASTER dmt: 100399

Date: 12/12/2025  
Time: 09:00:30

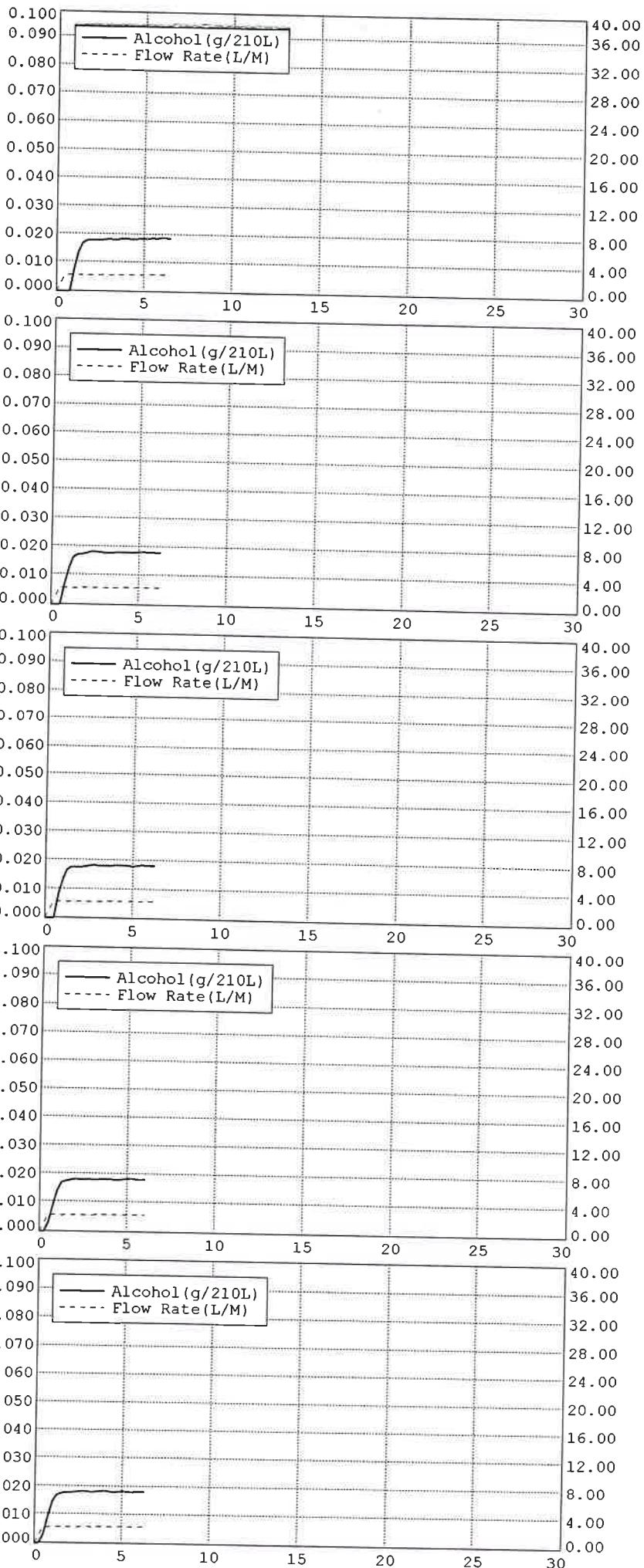
**EXTERNAL STANDARD INFORMATION**

NOMINAL: 0.020  
TARGET AT 30.17: 0.020  
LOT #: AG515609  
EXPIRATION: 06/05/2027  
TANK PRESSURE: 1181 psi

BLANK TEST

INTERNAL STANDARD	0.000	09:01
EXTERNAL STANDARD	0.021	09:02
BLANK TEST	0.000	09:03
EXTERNAL STANDARD	0.020	09:03
BLANK TEST	0.000	09:04
EXTERNAL STANDARD	0.021	09:04
BLANK TEST	0.000	09:05
EXTERNAL STANDARD	0.021	09:05
BLANK TEST	0.000	09:06
EXTERNAL STANDARD	0.020	09:06
BLANK TEST	0.000	09:07

Average = 0.0206  
Std Dev = 0.0005



**LINEARITY CHECK: Control Test 2**

Alaska Department of Public Safety  
DATAMASTER dmt: 100399

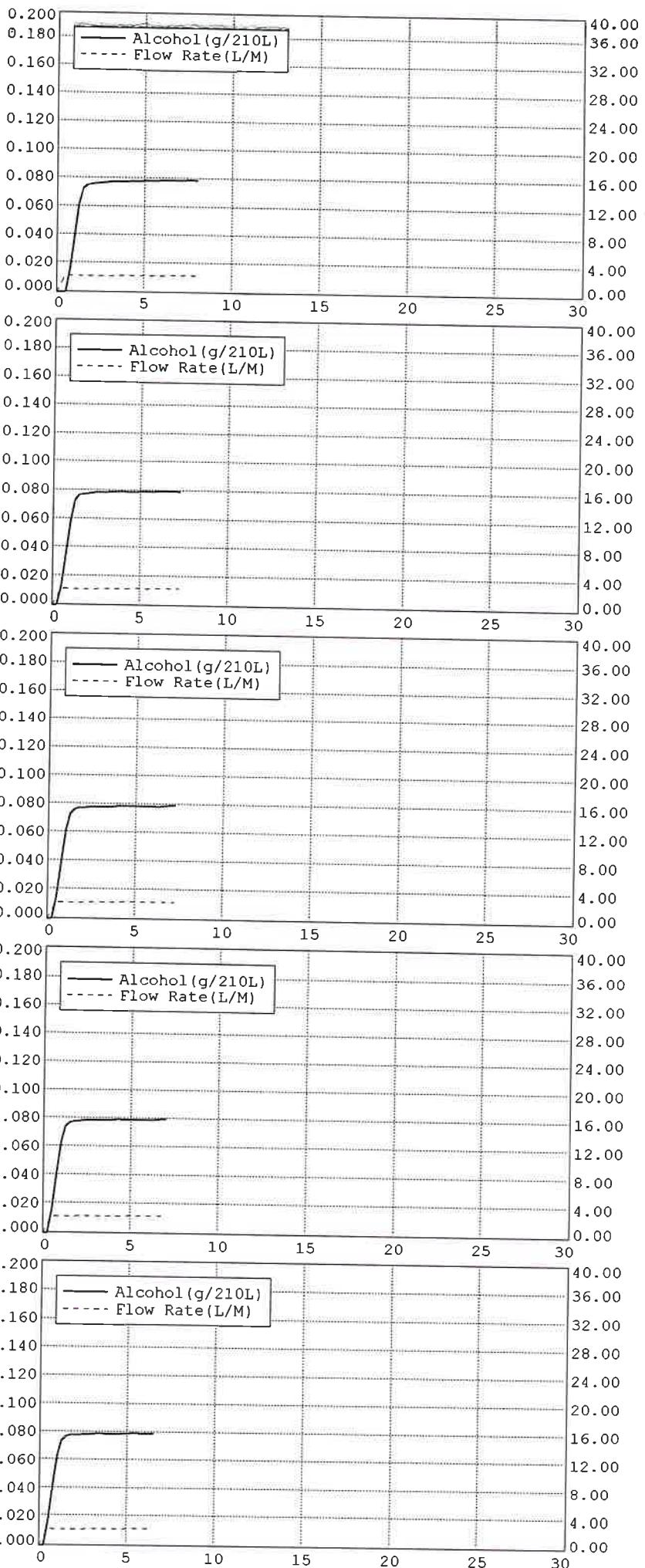
Date: 12/12/2025  
Time: 09:09:05

**EXTERNAL STANDARD INFORMATION**

NOMINAL: 0.080  
TARGET AT 30.17: 0.081  
LOT #: AG335202  
EXPIRATION: 12/18/2025  
TANK PRESSURE: 1050 psi

	0.000	09:10
BLANK TEST	0.000	09:10
INTERNAL STANDARD	0.080	09:10
EXTERNAL STANDARD	0.080	09:10
BLANK TEST	0.000	09:11
EXTERNAL STANDARD	0.081	09:11
BLANK TEST	0.000	09:11
EXTERNAL STANDARD	0.080	09:12
BLANK TEST	0.000	09:13
EXTERNAL STANDARD	0.081	09:14
BLANK TEST	0.000	09:15
EXTERNAL STANDARD	0.081	09:15
BLANK TEST	0.000	09:16

Average = 0.0806  
Std Dev = 0.0005



**LINEARITY CHECK: Control Test 3**

Alaska Department of Public Safety  
DATAMASTER dmt: 100399

Date: 12/12/2025  
Time: 09:30:53

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.300  
TARGET AT 30.15: 0.302  
LOT #: AG427706  
EXPIRATION: 10/03/2026  
TANK PRESSURE: 323 psi

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

Average = 0.3032  
Std Dev = 0.0004

