



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:** 8-Oct-2025

**Lot #** AG528101 **Model** 108

|                               |                         |   |  |
|-------------------------------|-------------------------|---|--|
| <b>Exp Date</b><br>8-Oct-2027 | <b>Cyl. Type</b><br>108 | <b>Component</b><br>Ethanol<br>Nitrogen | <b>Certified Concentration</b><br>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       | 800.0 ppm     | CC727493       | 390.0 ppm     |
| CC727496       | 253.0 ppm     | CC727498       | 150.0 ppm     |

**Analytical Method:** NDIR

Digitally signed by:Quality Control  
 Reason:Dry gas standard certification of analysis  
 Location:Airgas USA LLC (Lab)  
 Date:10.10.2025 08:16

**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: 100374

Date: 11/07/2025  
 Time: 11:58:45

SUPERVISOR NAME:  
 CARLIE GLAISTER  
 OPERATOR'S #: 10436

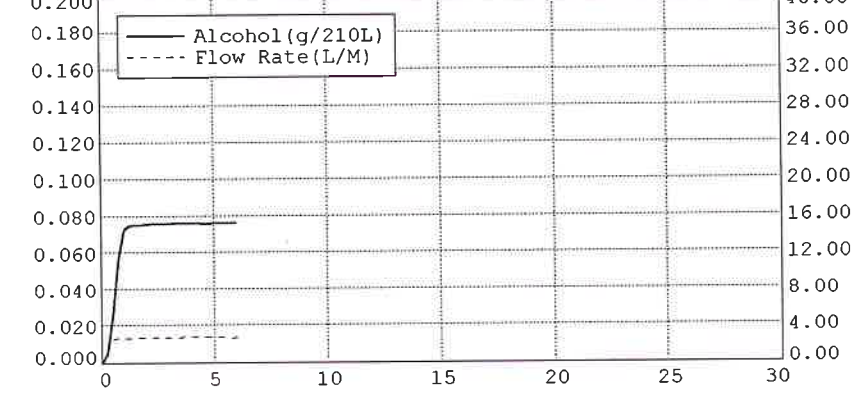
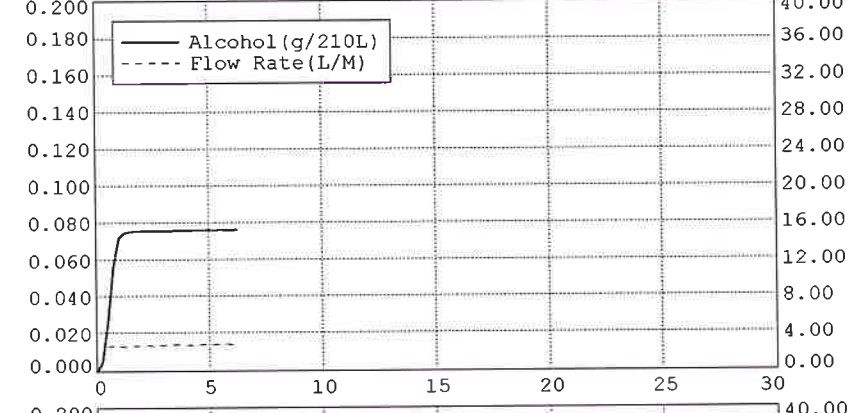
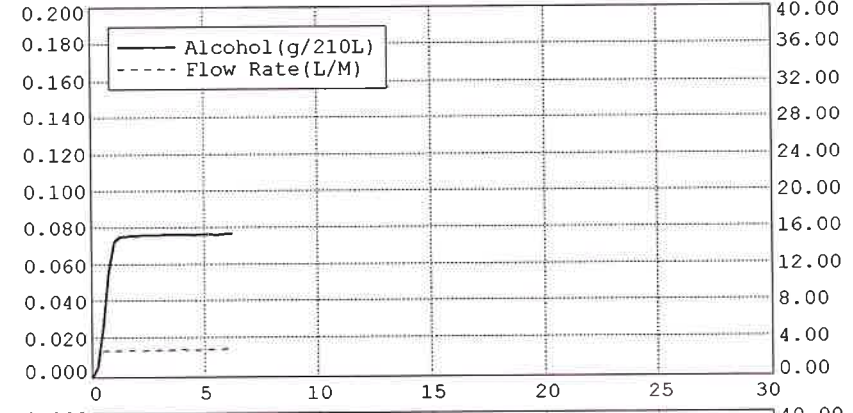
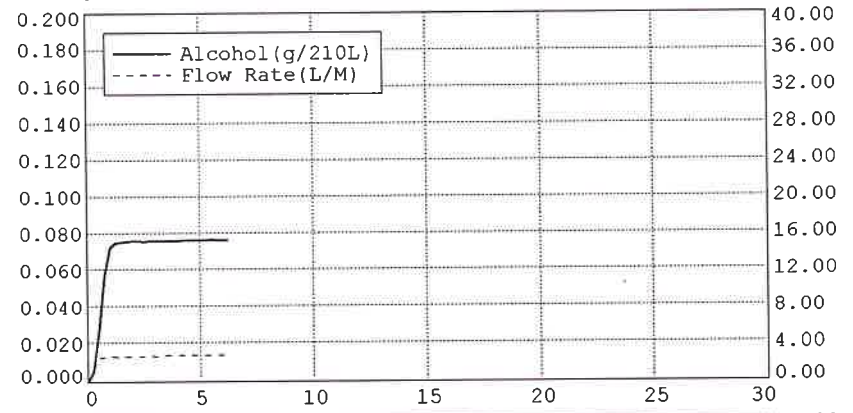
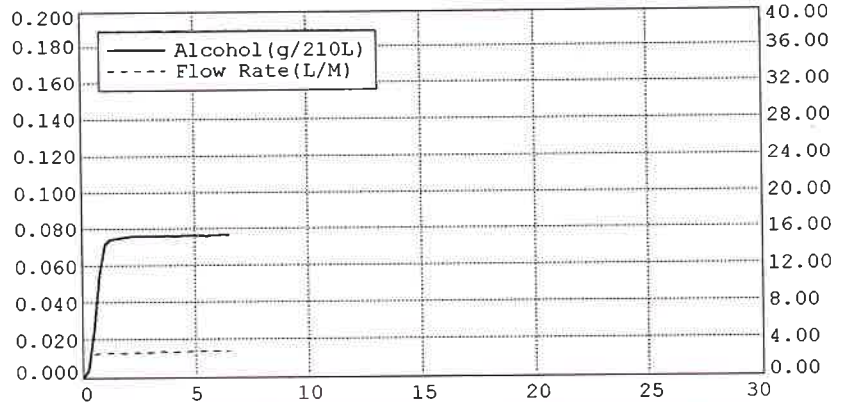
EXTERNAL STANDARD INFORMATION  
 NOMINAL: 0.080  
 TARGET AT 29.22: 0.078  
 TANK PRESSURE: 1223 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 12:00 |
| INTERNAL STANDARD | VERIFIED | 12:00 |
| EXTERNAL STANDARD | 0.078    | 12:00 |
| BLANK TEST        | 0.000    | 12:01 |
| EXTERNAL STANDARD | 0.078    | 12:01 |
| BLANK TEST        | 0.000    | 12:02 |
| EXTERNAL STANDARD | 0.078    | 12:02 |
| BLANK TEST        | 0.000    | 12:03 |
| EXTERNAL STANDARD | 0.078    | 12:03 |
| BLANK TEST        | 0.000    | 12:04 |
| EXTERNAL STANDARD | 0.078    | 12:04 |
| BLANK TEST        | 0.000    | 12:05 |

Average = 0.0780  
 Std Dev = 0.0000

Lot AG-528101  
 Tank 016  
 Exp: 10/08/2027  
 OLG 11/7/25

Tank 016 Average:  
 0.078  
 OLG 11/7/25



SUPERVISOR TEST

Alaska Department of Public Safety  
DATAMASTER dmt: 100375

Date: 11/07/2025  
Time: 11:53:25

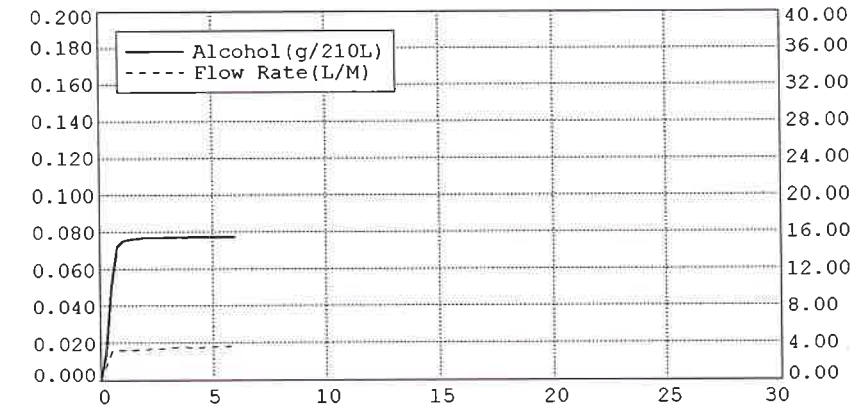
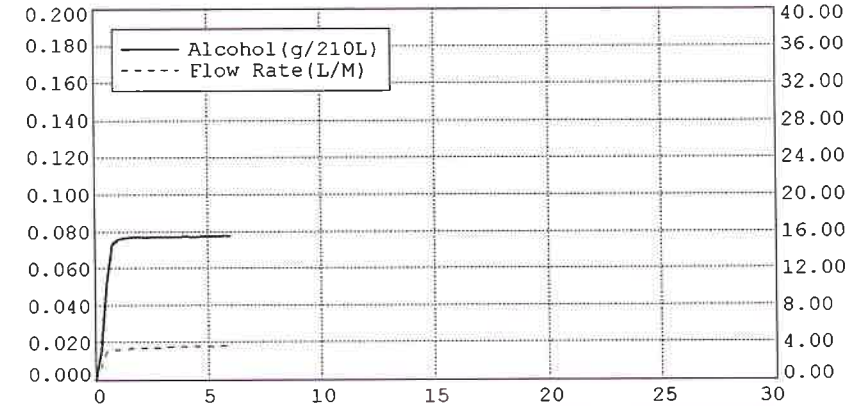
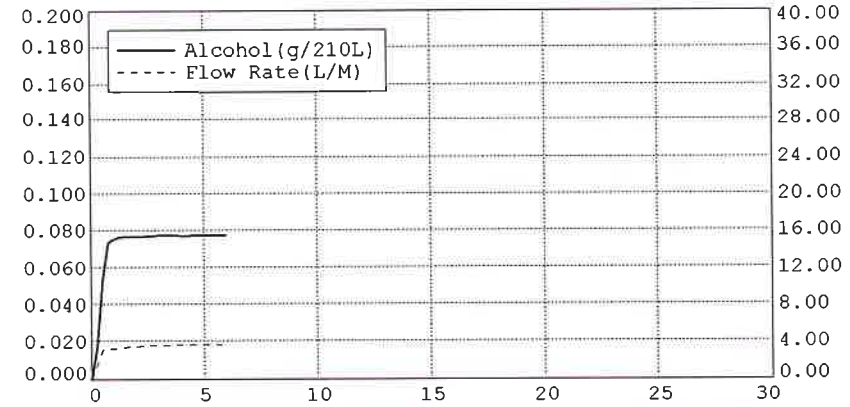
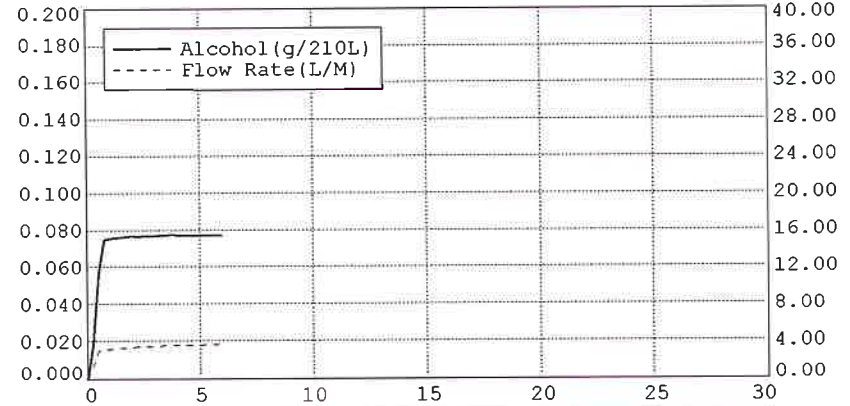
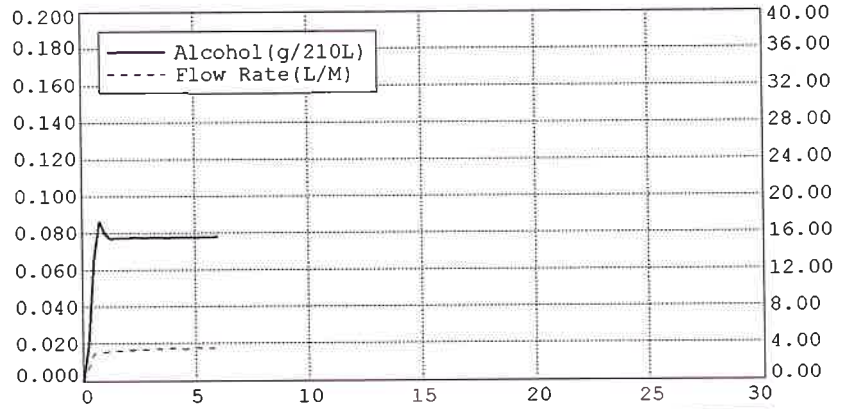
SUPERVISOR NAME:  
CARLIE GLAISTER  
OPERATOR'S #: 10436

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.080  
TARGET AT 29.23: 0.078  
TANK PRESSURE: 1228 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 11:54 |
| INTERNAL STANDARD | VERIFIED | 11:54 |
| EXTERNAL STANDARD | 0.079    | 11:55 |
| BLANK TEST        | 0.000    | 11:56 |
| EXTERNAL STANDARD | 0.079    | 11:56 |
| BLANK TEST        | 0.000    | 11:57 |
| EXTERNAL STANDARD | 0.079    | 11:57 |
| BLANK TEST        | 0.000    | 11:58 |
| EXTERNAL STANDARD | 0.079    | 11:58 |
| BLANK TEST        | 0.000    | 11:59 |
| EXTERNAL STANDARD | 0.079    | 11:59 |
| BLANK TEST        | 0.000    | 12:00 |

Average = 0.0790  
Std Dev = 0.0000

Lot AG528101  
Tank 016  
Exp: 10/08/2027  
CUG 11/7/25



SUPERVISOR TEST

Alaska Department of Public Safety  
 DATAMASTER dmt: 100399

Date: 11/07/2025  
 Time: 12:00:55

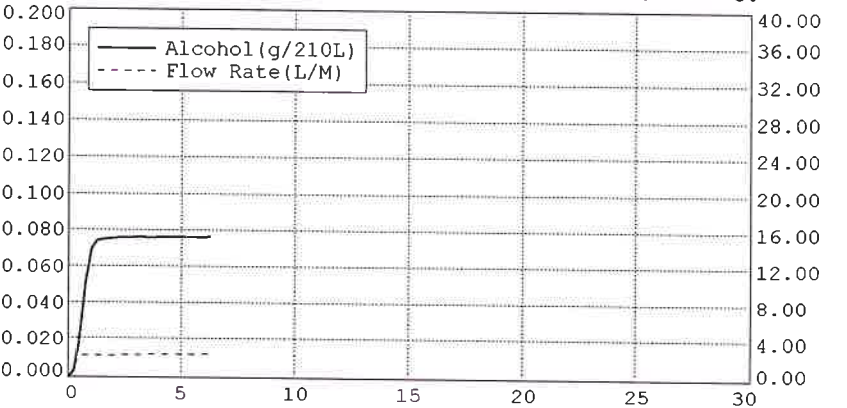
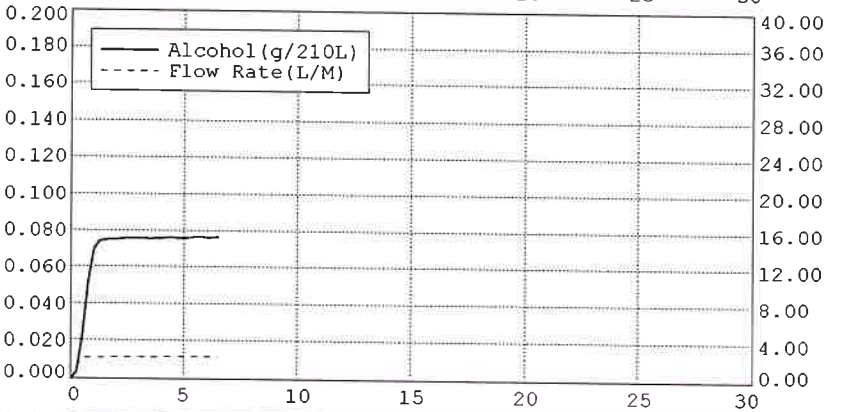
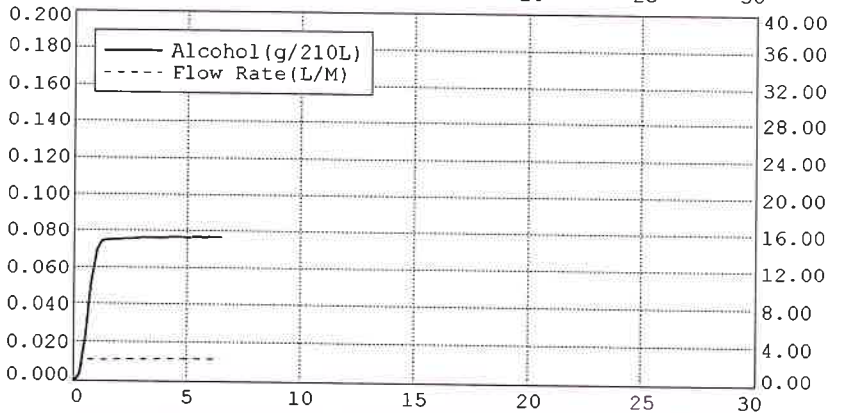
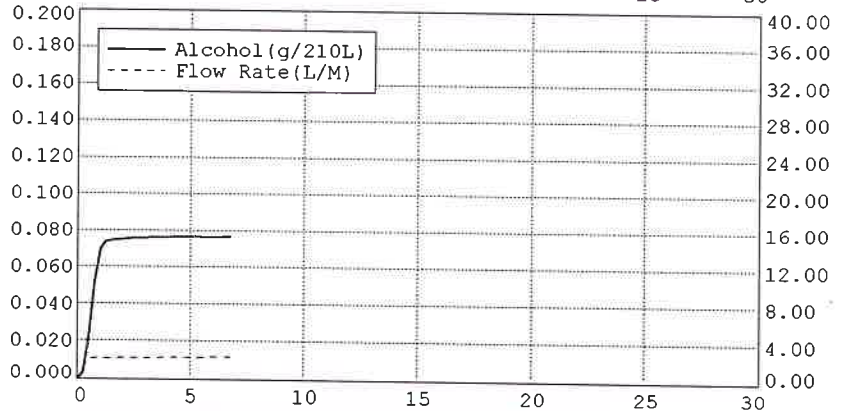
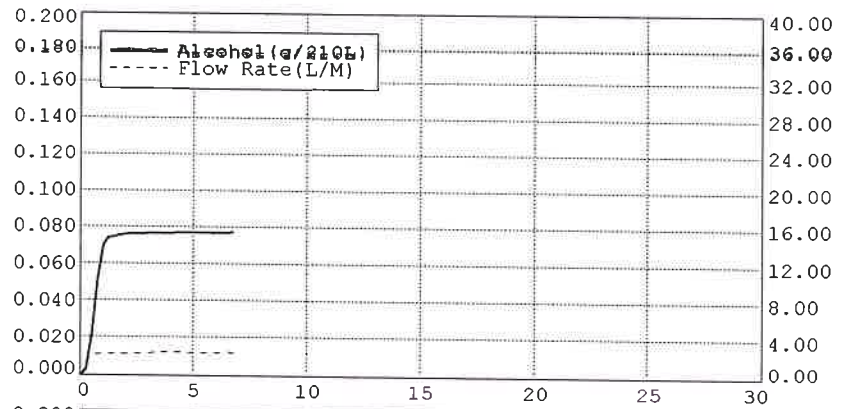
SUPERVISOR NAME:  
 CARLIE GLAISTER  
 OPERATOR'S #: 10436

EXTERNAL STANDARD INFORMATION  
 NOMINAL: 0.080  
 TARGET AT 29.23: 0.078  
 TANK PRESSURE: 1183 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 12:05 |
| INTERNAL STANDARD | VERIFIED | 12:05 |
| EXTERNAL STANDARD | 0.079    | 12:05 |
| BLANK TEST        | 0.000    | 12:06 |
| EXTERNAL STANDARD | 0.078    | 12:06 |
| BLANK TEST        | 0.000    | 12:07 |
| EXTERNAL STANDARD | 0.078    | 12:07 |
| BLANK TEST        | 0.000    | 12:08 |
| EXTERNAL STANDARD | 0.078    | 12:09 |
| BLANK TEST        | 0.000    | 12:10 |
| EXTERNAL STANDARD | 0.078    | 12:10 |
| BLANK TEST        | 0.000    | 12:11 |

Average = 0.0782  
 Std Dev = 0.0004

Lot AG528101  
 Tank 016  
 Exp: 10/09/2027  
 CWG 11/7/25



**SUPERVISOR TEST**

Alaska Department of Public Safety  
DATAMASTER dmt: 100374

Date: 11/07/2025  
Time: 11:50:15

SUPERVISOR NAME:  
CARLIE GLAISTER  
OPERATOR'S #: 10436

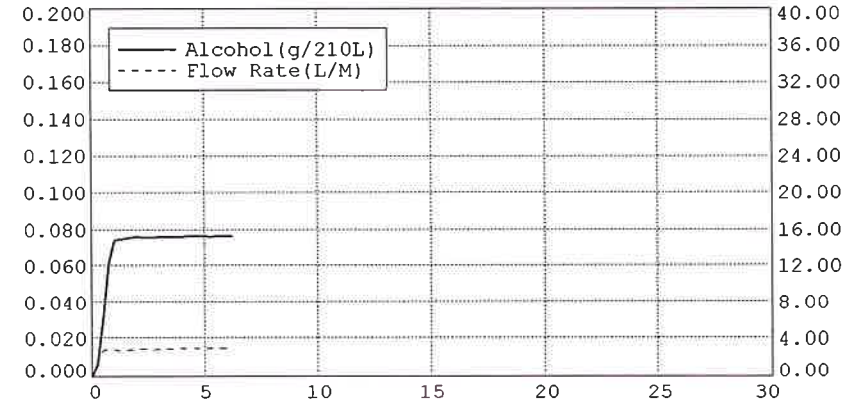
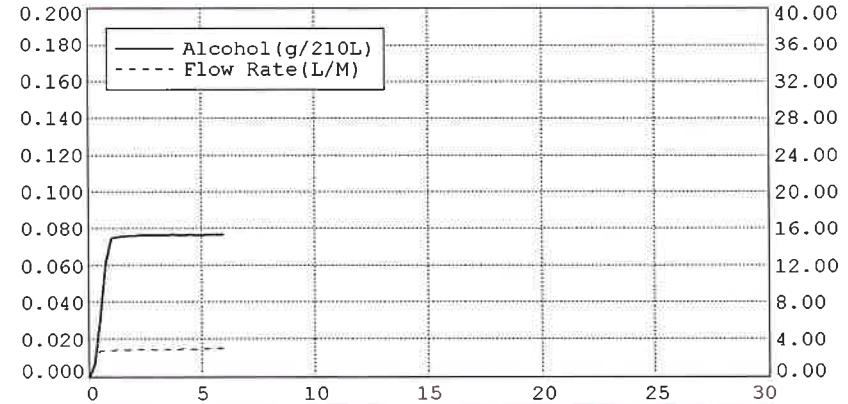
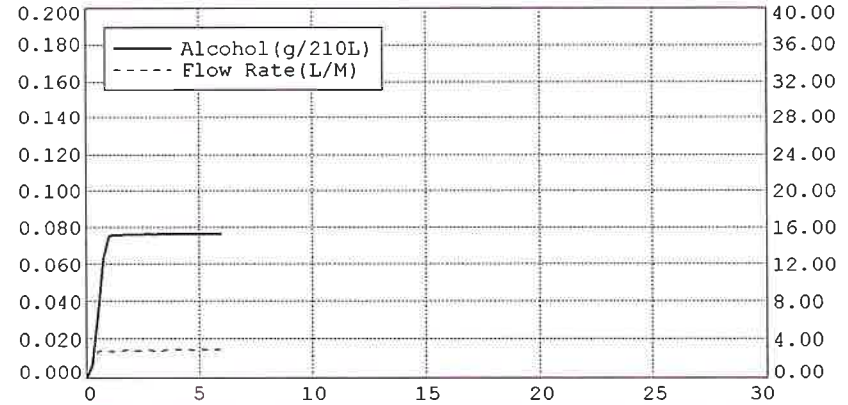
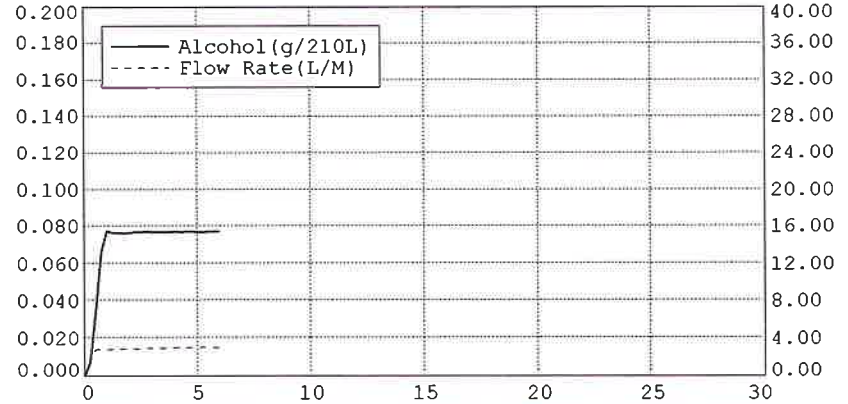
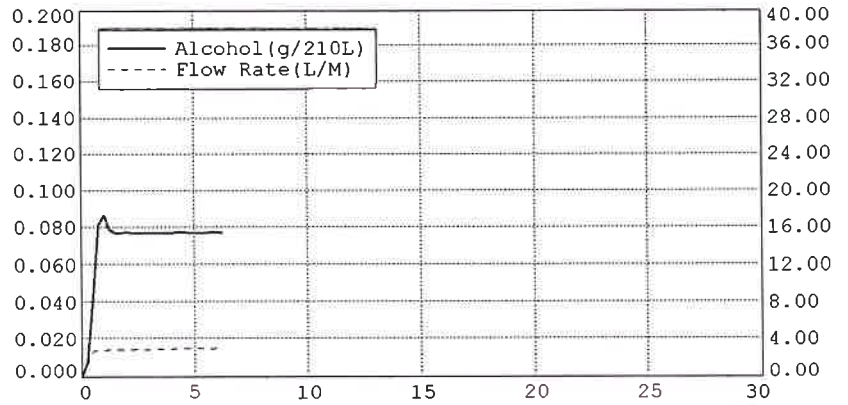
EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.080  
TARGET AT 29.22: 0.078  
TANK PRESSURE: 1233 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 11:51 |
| INTERNAL STANDARD | VERIFIED | 11:51 |
| EXTERNAL STANDARD | 0.078    | 11:51 |
| BLANK TEST        | 0.000    | 11:52 |
| EXTERNAL STANDARD | 0.078    | 11:52 |
| BLANK TEST        | 0.000    | 11:53 |
| EXTERNAL STANDARD | 0.078    | 11:54 |
| BLANK TEST        | 0.000    | 11:54 |
| EXTERNAL STANDARD | 0.078    | 11:55 |
| BLANK TEST        | 0.000    | 11:56 |
| EXTERNAL STANDARD | 0.078    | 11:56 |
| BLANK TEST        | 0.000    | 11:57 |

Average = 0.0780  
Std Dev = 0.0000

Lot AG528101  
Tank 036  
Exp: 10/08/2027  
CW 11/7/25

Tank 036 Average:  
0.079  
CW 11/7/25



SUPERVISOR TEST

Alaska Department of Public Safety  
DATAMASTER dmt: 100375

Date: 11/07/2025  
Time: 12:01:42

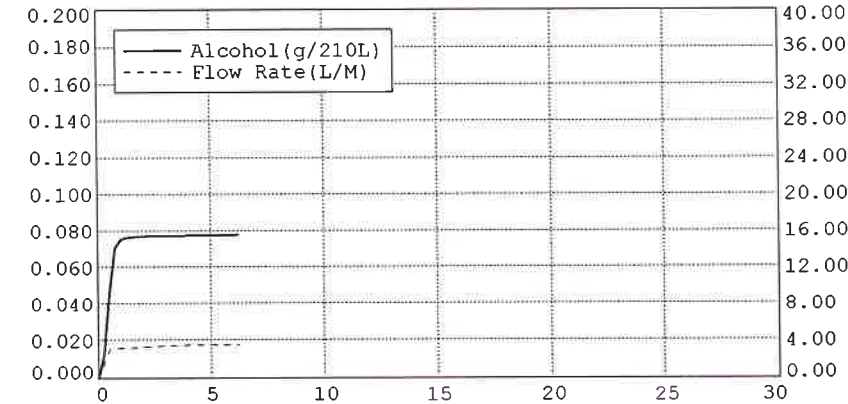
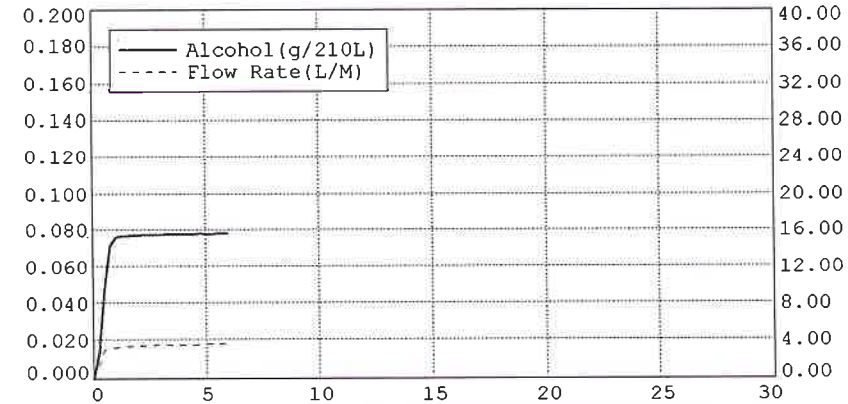
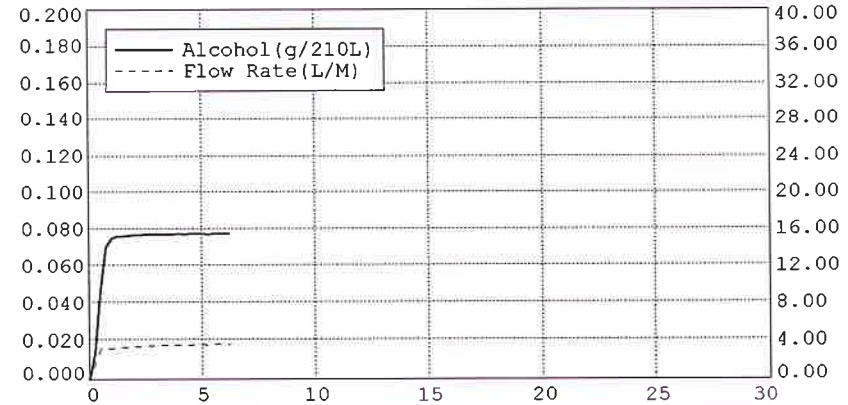
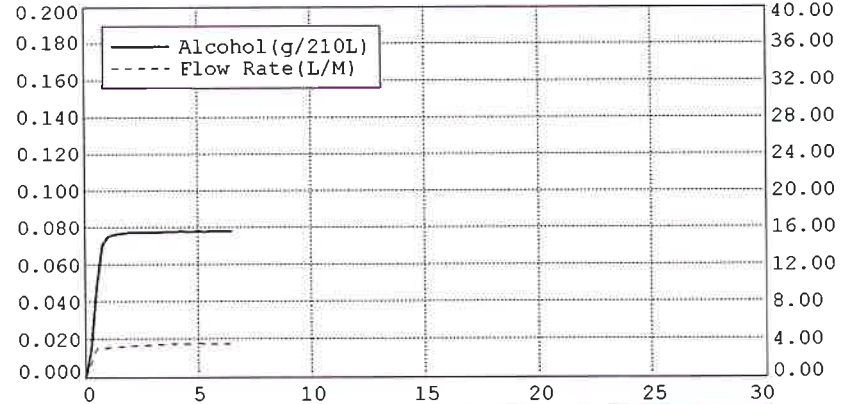
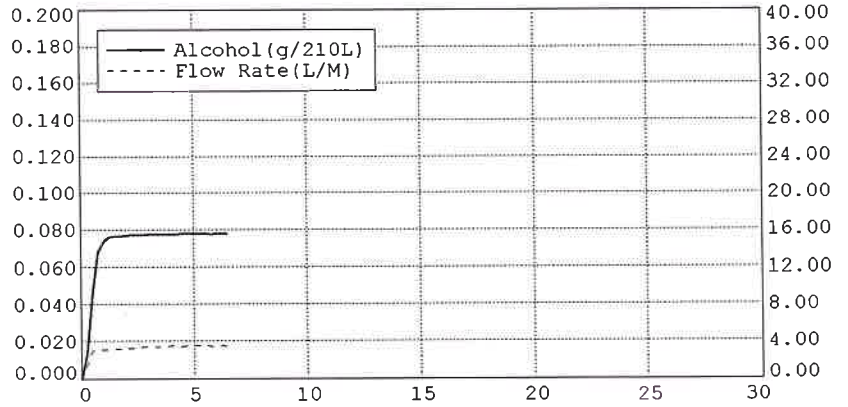
SUPERVISOR NAME:  
CARLIE GLAISTER  
OPERATOR'S #: 10436

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.080  
TARGET AT 29.25: 0.078  
TANK PRESSURE: 1207 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 12:05 |
| INTERNAL STANDARD | VERIFIED | 12:05 |
| EXTERNAL STANDARD | 0.079    | 12:05 |
| BLANK TEST        | 0.000    | 12:06 |
| EXTERNAL STANDARD | 0.079    | 12:06 |
| BLANK TEST        | 0.000    | 12:07 |
| EXTERNAL STANDARD | 0.079    | 12:08 |
| BLANK TEST        | 0.000    | 12:08 |
| EXTERNAL STANDARD | 0.079    | 12:09 |
| BLANK TEST        | 0.000    | 12:10 |
| EXTERNAL STANDARD | 0.079    | 12:10 |
| BLANK TEST        | 0.000    | 12:11 |

Average = 0.0790  
Std Dev = 0.0000

LOT AG528101  
Tank 036  
Exp: 10/08/2027  
UUG 11/7/25



**SUPERVISOR TEST**

Alaska Department of Public Safety  
DATAMASTER dmt: 100399

Date: 11/07/2025  
Time: 12:12:40

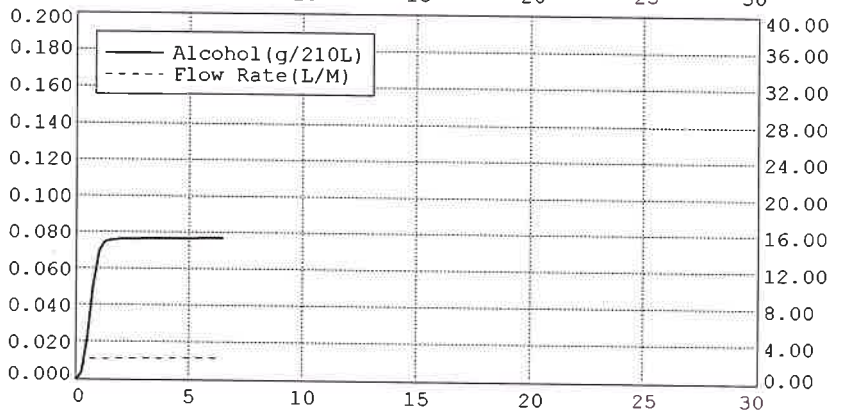
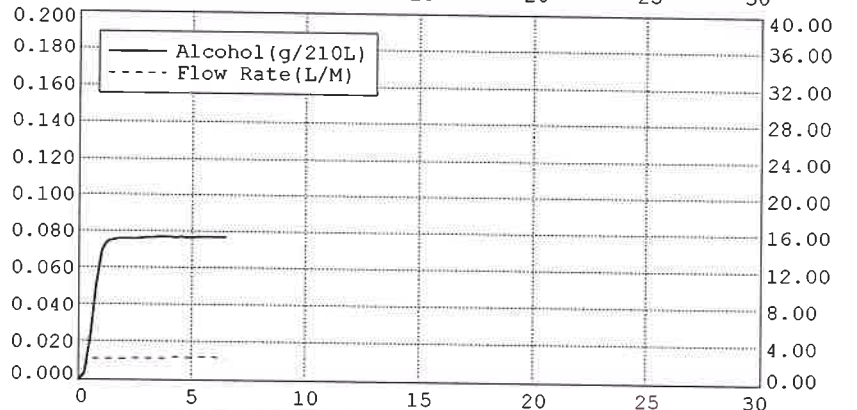
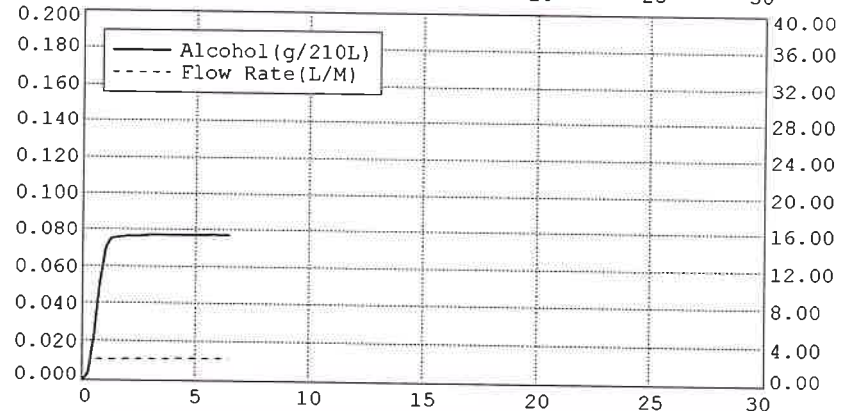
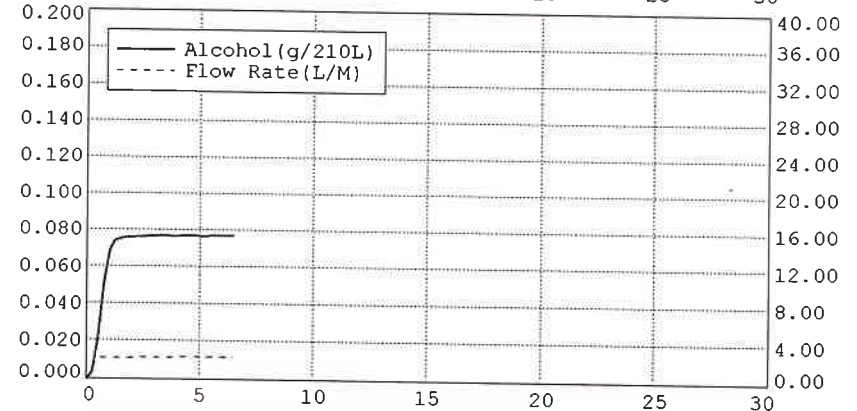
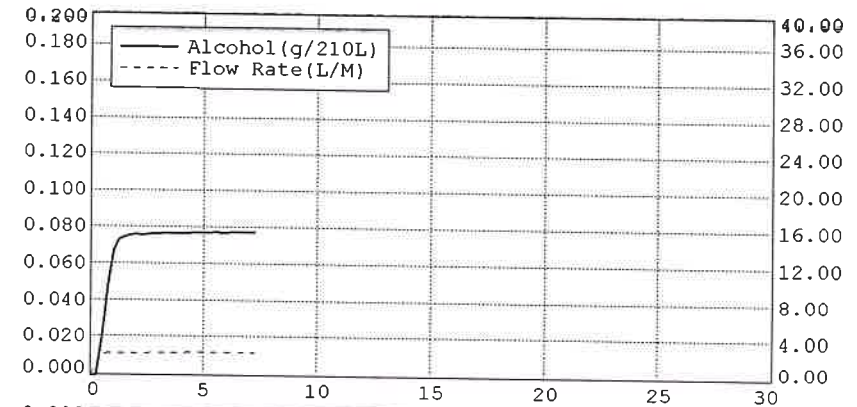
SUPERVISOR NAME:  
CARLIE GLAISTER  
OPERATOR'S #: 10436

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.080  
TARGET AT 29.23: 0.078  
TANK PRESSURE: 1193 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 12:14 |
| INTERNAL STANDARD | VERIFIED | 12:14 |
| EXTERNAL STANDARD | 0.079    | 12:14 |
| BLANK TEST        | 0.000    | 12:15 |
| EXTERNAL STANDARD | 0.079    | 12:15 |
| BLANK TEST        | 0.000    | 12:16 |
| EXTERNAL STANDARD | 0.079    | 12:16 |
| BLANK TEST        | 0.000    | 12:17 |
| EXTERNAL STANDARD | 0.079    | 12:17 |
| BLANK TEST        | 0.000    | 12:18 |
| EXTERNAL STANDARD | 0.079    | 12:18 |
| BLANK TEST        | 0.000    | 12:19 |

Average = 0.0790  
Std Dev = 0.0000

Lot AG-528101  
Tank 036  
Exp: 10/08/2027  
OKG 11/7/25



SUPERVISOR TEST

Alaska Department of Public Safety  
DATAMASTER dmt: 100374

Date: 11/07/2025  
Time: 12:07:01

SUPERVISOR NAME:  
CARLIE GLAISTER  
OPERATOR'S #: 10436

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.080  
TARGET AT 29.23: 0.078  
TANK PRESSURE: 1223 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 12:08 |
| INTERNAL STANDARD | VERIFIED | 12:08 |
| EXTERNAL STANDARD | 0.078    | 12:08 |
| BLANK TEST        | 0.000    | 12:09 |
| EXTERNAL STANDARD | 0.078    | 12:09 |
| BLANK TEST        | 0.000    | 12:10 |
| EXTERNAL STANDARD | 0.077    | 12:10 |
| BLANK TEST        | 0.000    | 12:11 |
| EXTERNAL STANDARD | 0.078    | 12:12 |
| BLANK TEST        | 0.000    | 12:12 |
| EXTERNAL STANDARD | 0.078    | 12:13 |
| BLANK TEST        | 0.000    | 12:14 |

Average = 0.0778  
Std Dev = 0.0004

LOT AG528101

Tank 087

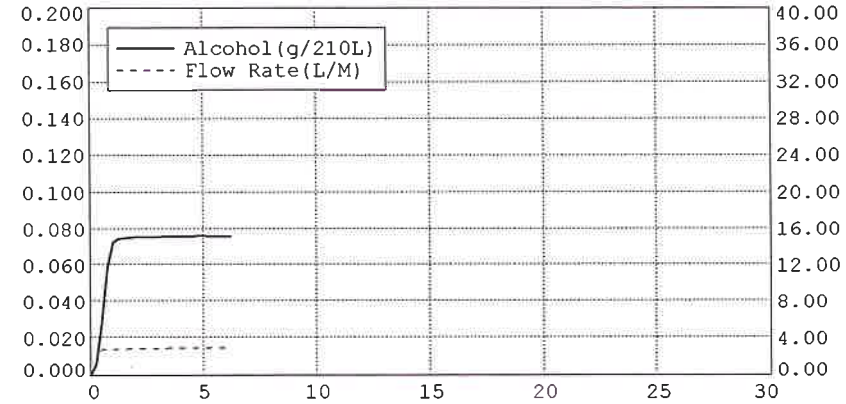
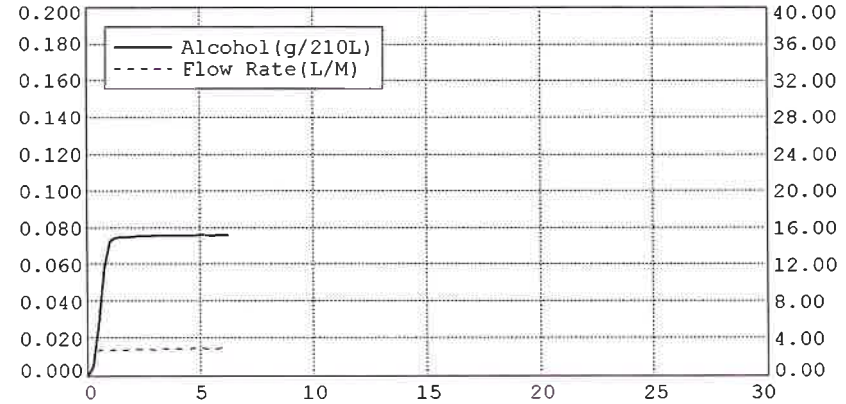
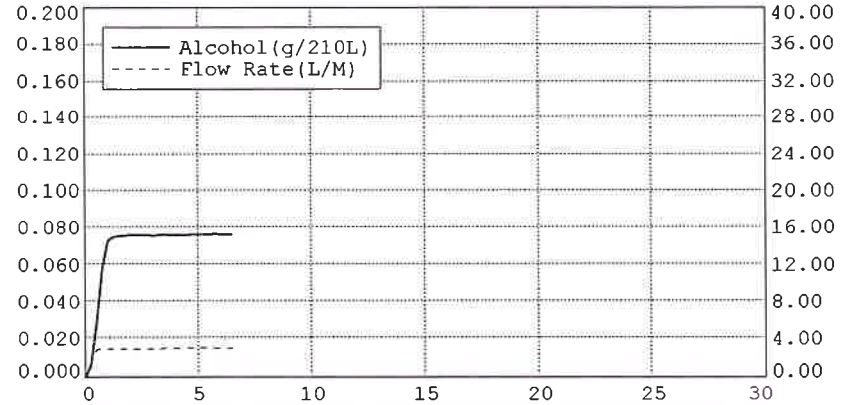
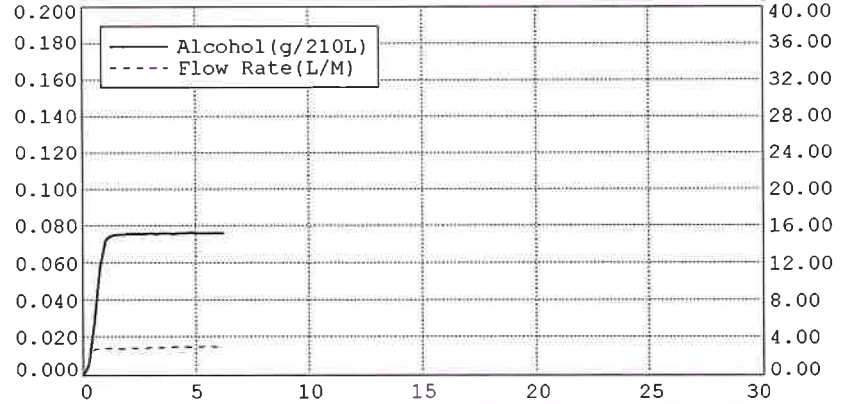
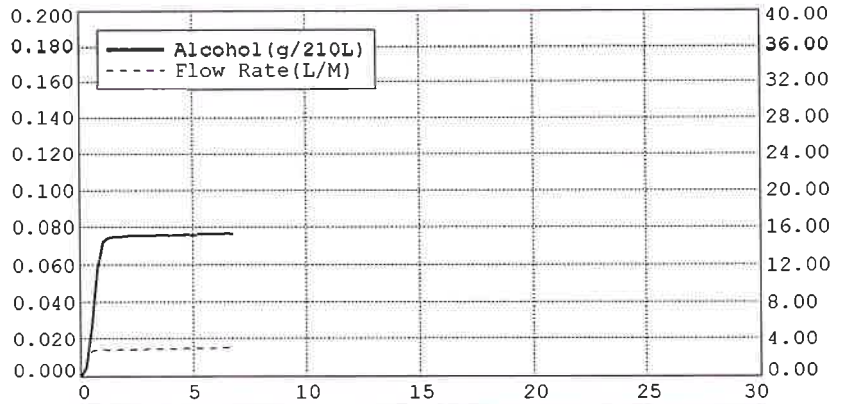
Exp: 10/08/2027

CMG 11/7/25

Tank 087 Average:

0.078

CMG 11/7/25





SUPERVISOR TEST

Alaska Department of Public Safety  
DATAMASTER dmt: 100375

Date: 11/07/2025  
Time: 12:12:58

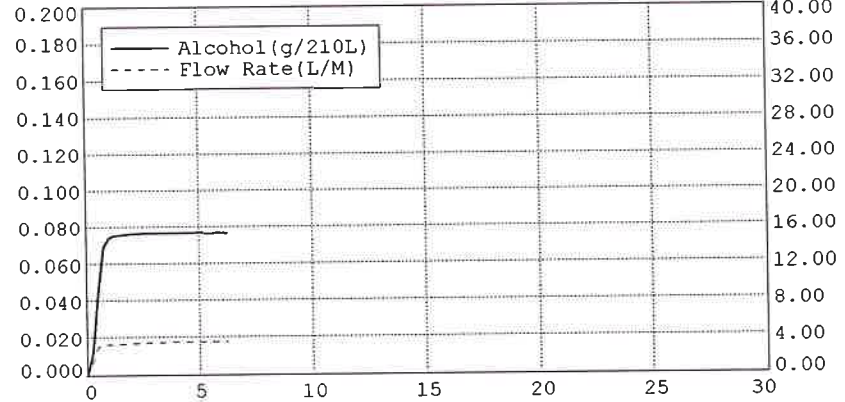
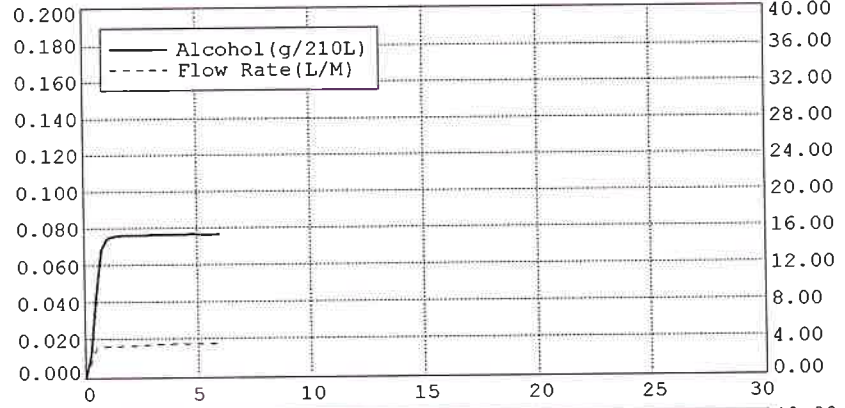
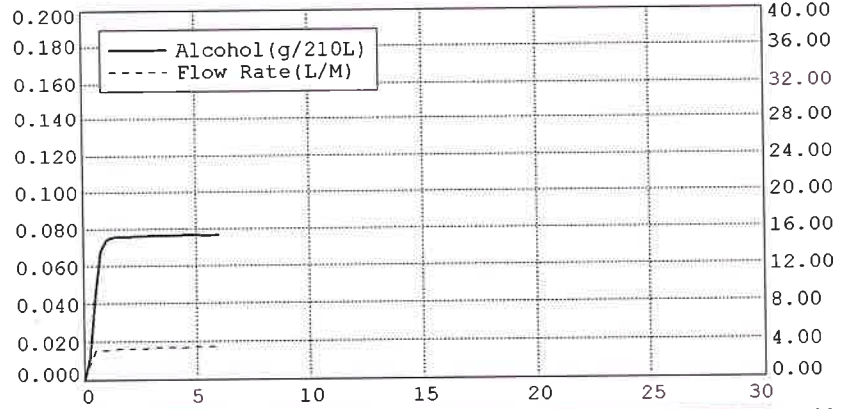
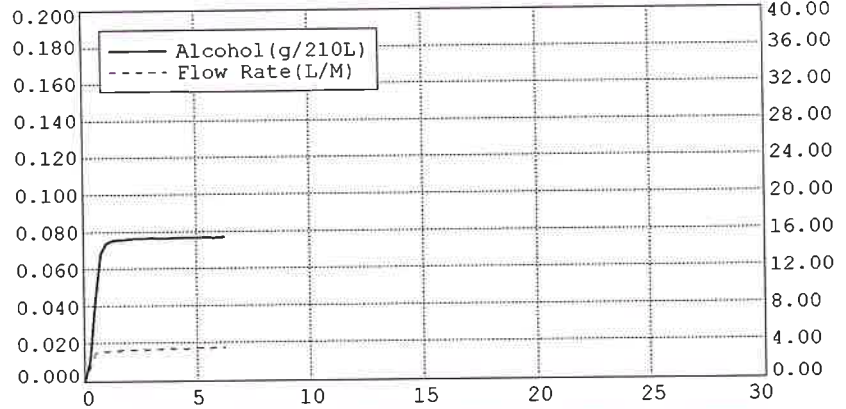
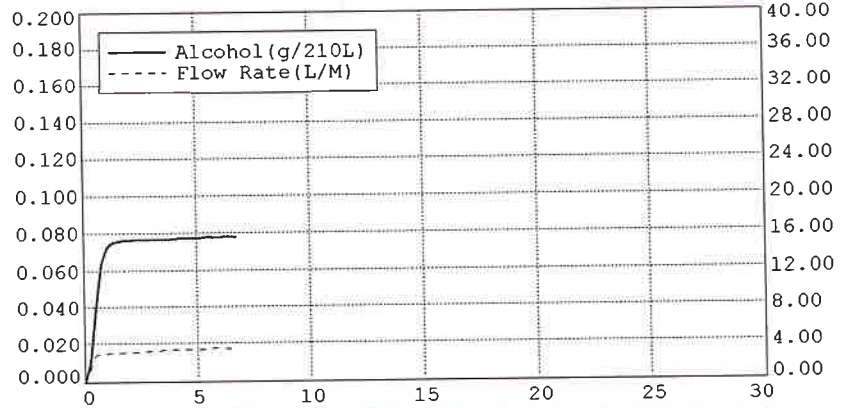
SUPERVISOR NAME:  
CARLIE GLAISTER  
OPERATOR'S #: 10436

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.080  
TARGET AT 29.25: 0.078  
TANK PRESSURE: 1198 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 12:21 |
| INTERNAL STANDARD | VERIFIED | 12:21 |
| EXTERNAL STANDARD | 0.079    | 12:21 |
| BLANK TEST        | 0.000    | 12:22 |
| EXTERNAL STANDARD | 0.078    | 12:22 |
| BLANK TEST        | 0.000    | 12:23 |
| EXTERNAL STANDARD | 0.078    | 12:23 |
| BLANK TEST        | 0.000    | 12:24 |
| EXTERNAL STANDARD | 0.078    | 12:24 |
| BLANK TEST        | 0.000    | 12:25 |
| EXTERNAL STANDARD | 0.078    | 12:25 |
| BLANK TEST        | 0.000    | 12:26 |

Average = 0.0782  
Std Dev = 0.0004

Lot AG528101  
Tank 067  
Exp: 10/08/2027  
CMB 11/7/25



**SUPERVISOR TEST**

Alaska Department of Public Safety  
 DATAMASTER dmt: 100399

Date: 11/07/2025  
 Time: 11:52:18

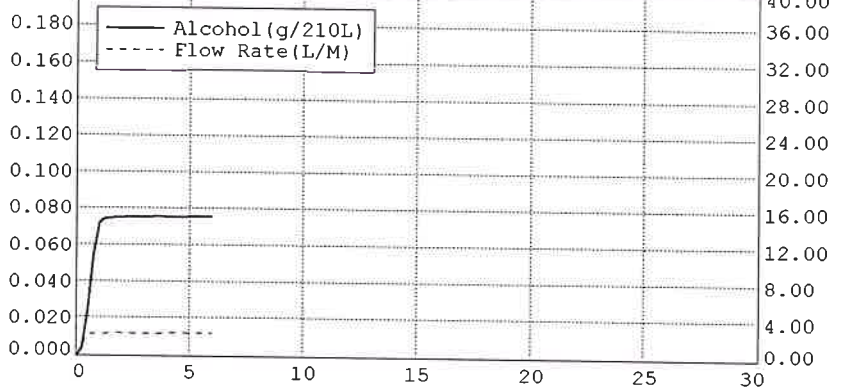
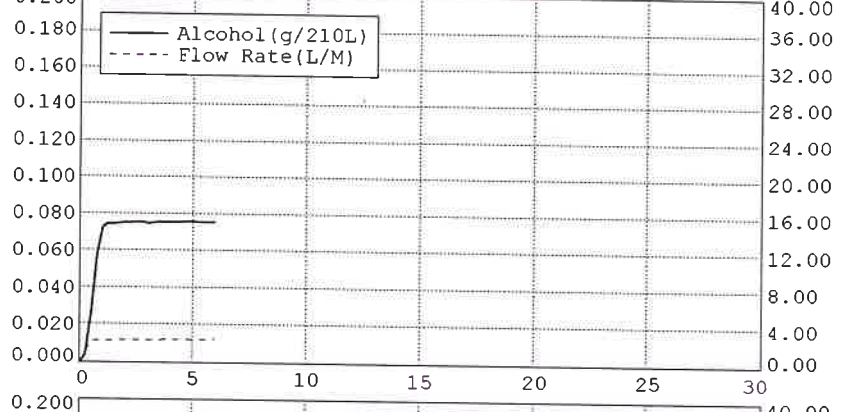
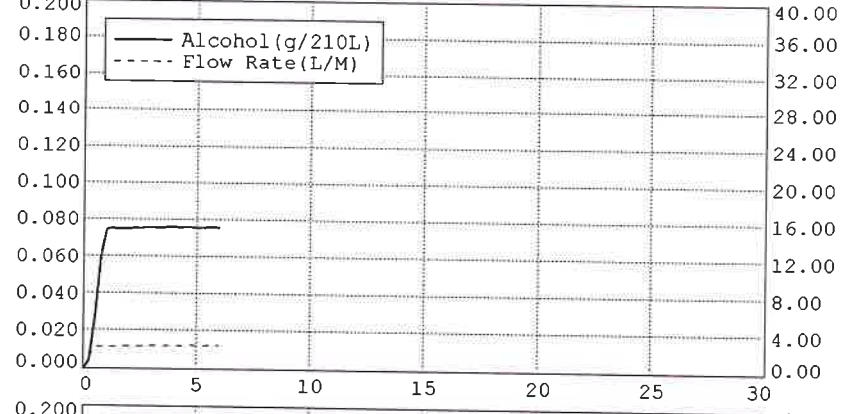
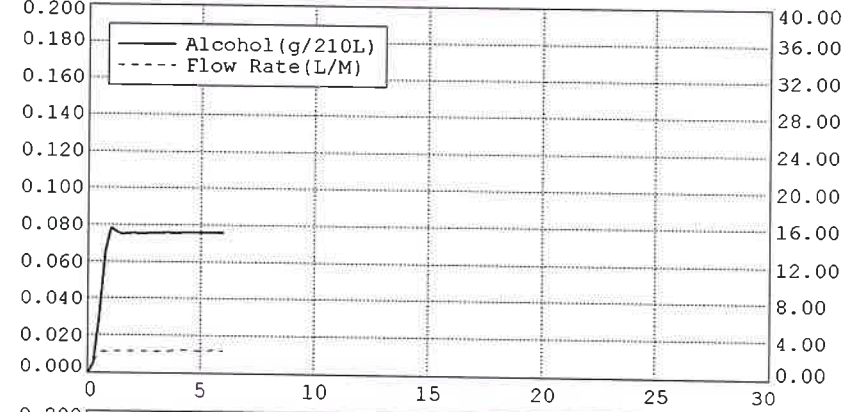
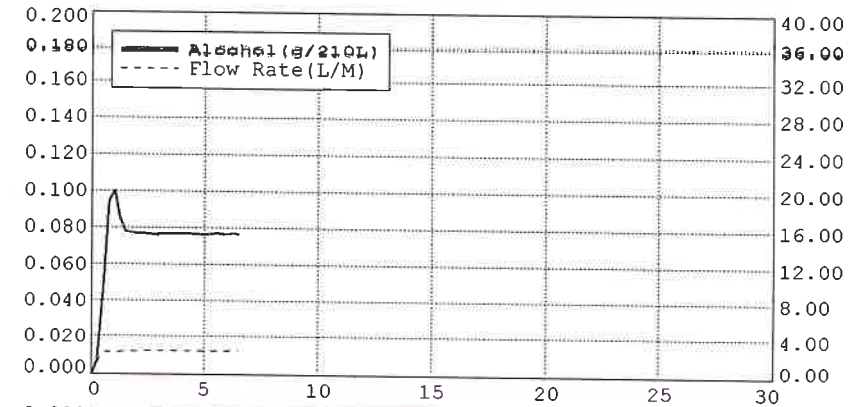
SUPERVISOR NAME:  
 CARLIE GLAISTER  
 OPERATOR'S #: 10436

EXTERNAL STANDARD INFORMATION  
 NOMINAL: 0.080  
 TARGET AT 29.23: 0.078  
 TANK PRESSURE: 1229 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 11:53 |
| INTERNAL STANDARD | VERIFIED | 11:53 |
| EXTERNAL STANDARD | 0.078    | 11:54 |
| BLANK TEST        | 0.000    | 11:55 |
| EXTERNAL STANDARD | 0.077    | 11:55 |
| BLANK TEST        | 0.000    | 11:56 |
| EXTERNAL STANDARD | 0.077    | 11:56 |
| BLANK TEST        | 0.000    | 11:57 |
| EXTERNAL STANDARD | 0.078    | 11:57 |
| BLANK TEST        | 0.000    | 11:58 |
| EXTERNAL STANDARD | 0.077    | 11:58 |
| BLANK TEST        | 0.000    | 11:59 |

Average = 0.0774  
 Std Dev = 0.0005

Lot AG528101  
 Tank 087  
 Exp: 10/08/2027  
 CWB 11/7/25



DIAGNOSTIC RECORD

-----  
Alaska Department of Public Safety  
DATAMASTER dmt: 100374  
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Date: 11/07/2025  
Time: 11:07:38

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       = 45.4°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    = 528 Hz            PASSED  
(475 Hz - 575 Hz)  
Barometer        = 29.2 in

PUMP INFO

Flow Rate = 4.469 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 = 0.090 0.39% (0.00% - 4.00%)            PASSED

Technician Screen

-----  
DATAMASTER dmt: 100374  
-----

Date: 11/07/2025  
Time: 11:10 AM

Temperatures (°C)

Sample Cell: 48.9°C  
Breath Tube: 45.5°C

Current Barometer 29.2 in  
Volume (Ltr) 0.00

Settings

Lamp: 1.59 V  
Bias: 80 V  
Cooler: 1.56 V  
Chopper: 527 Hz

Voltages (V)

Flow: 1.05 V  
Detector: 0.068 V

LINEARITY CHECK

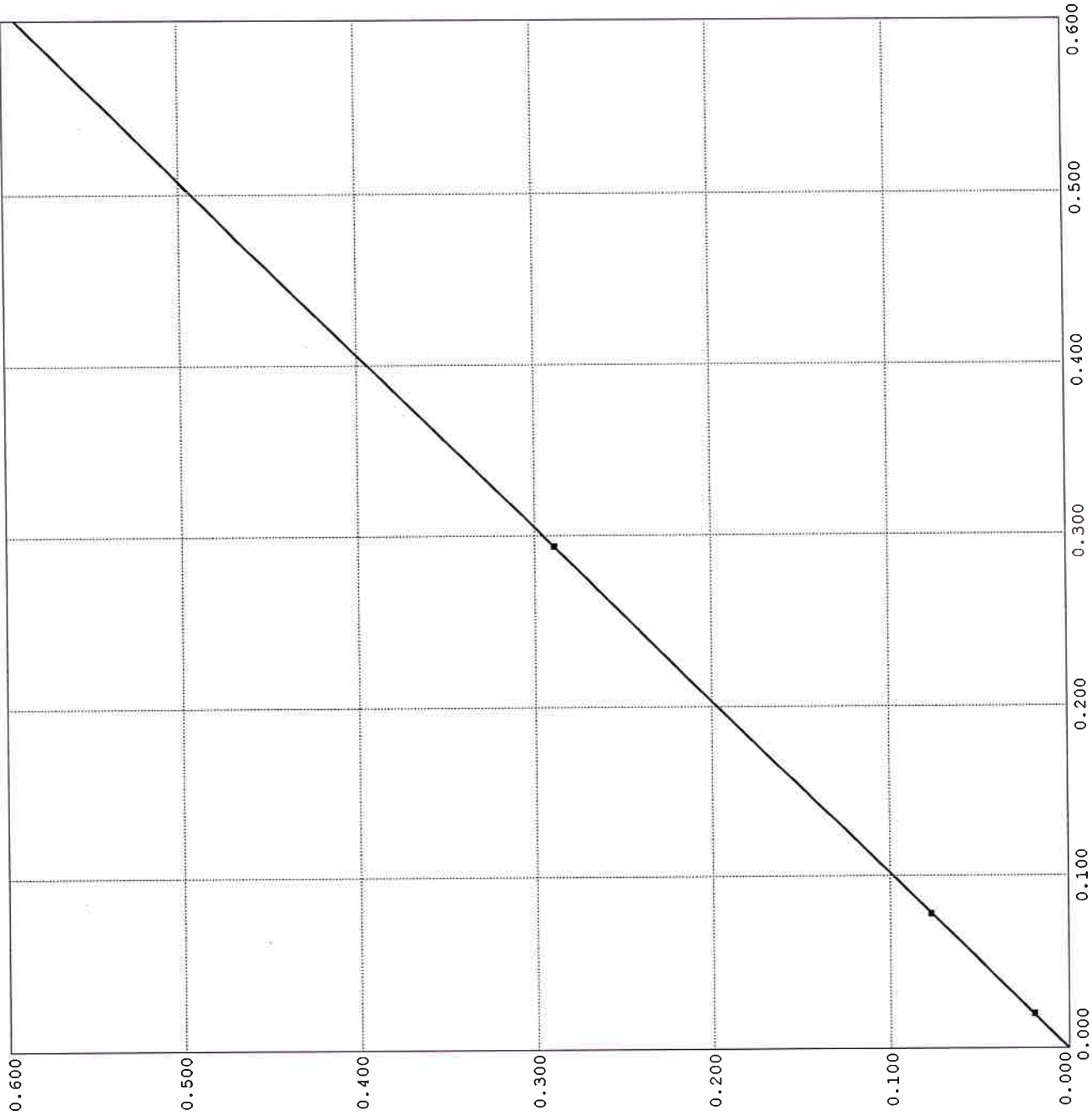
Alaska Department of Public Safety  
DATAMASTER dmt: 100374

Date: 11/07/2025  
Time: 11:13:16

SUPERVISOR NAME:  
CARLIE GLAISTER  
OPERATOR'S #: 10436

| TARGET | AVERAGE | STD. DEV. |
|--------|---------|-----------|
| 0.020  | 0.0200  | 0.0000    |
| 0.078  | 0.0780  | 0.0000    |
| 0.293  | 0.2896  | 0.0005    |

SLOPE = 0.986632  
R<sup>2</sup> = 0.999992



CUG

**LINEARITY CHECK: Control Test 1**

Alaska Department of Public Safety  
 DATAMASTER dmt: 100374

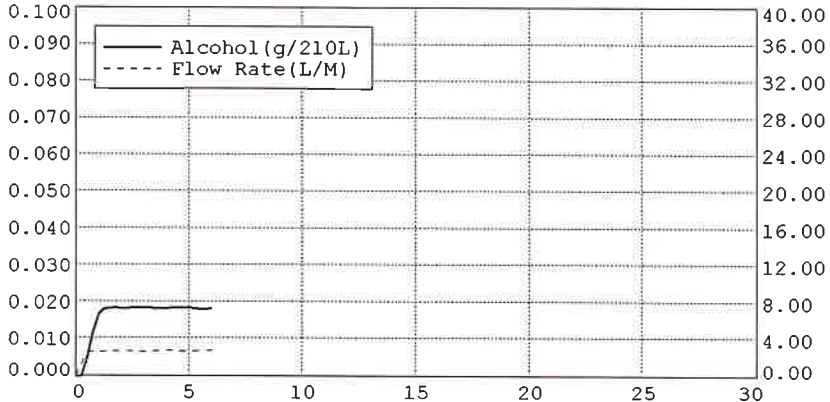
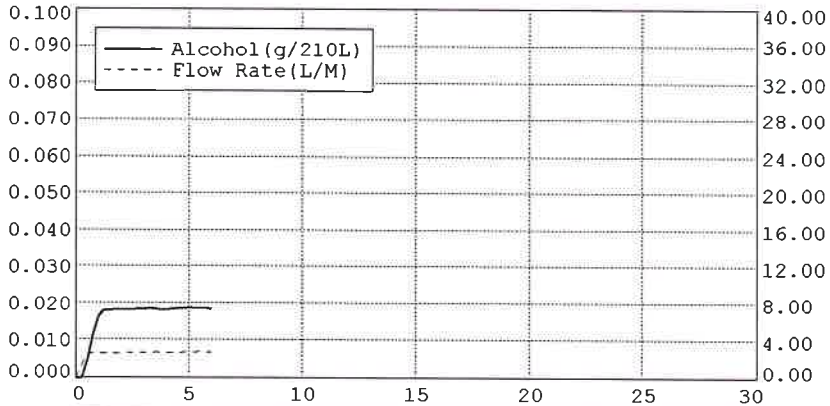
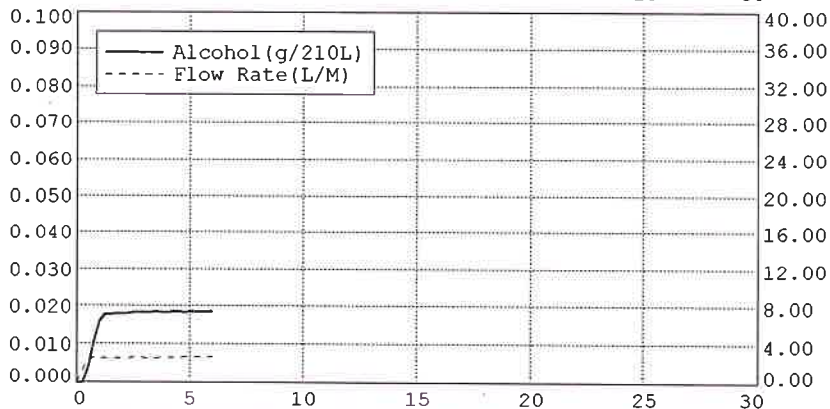
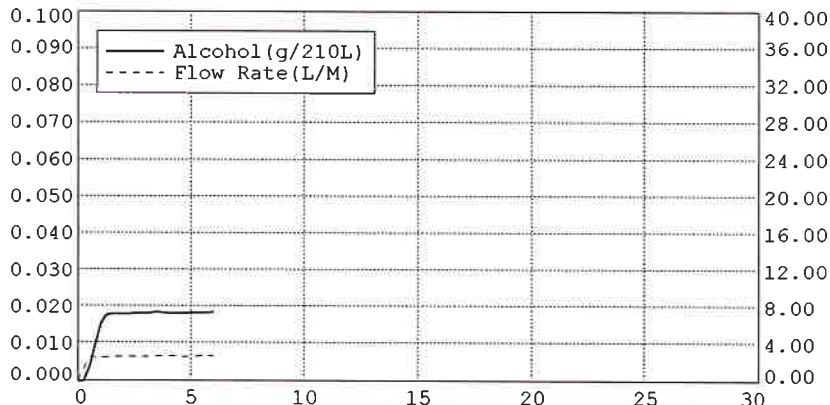
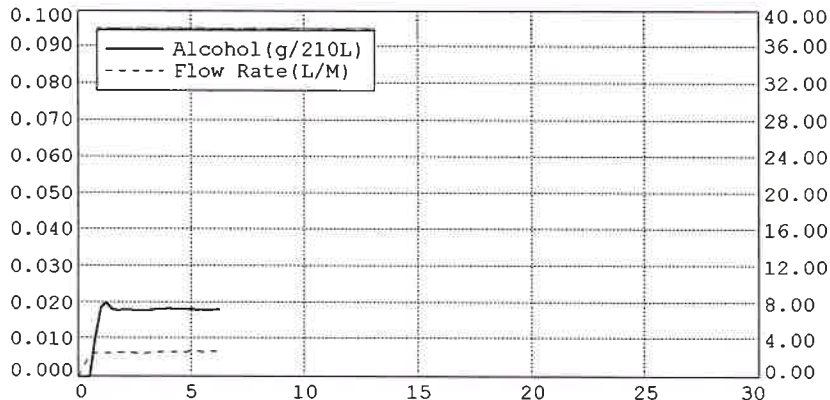
Date: 11/07/2025  
 Time: 11:13:18

**EXTERNAL STANDARD INFORMATION**

NOMINAL: 0.020  
 TARGET AT 29.21: 0.020  
 LOT #: AG408002  
 EXPIRATION: 03/20/2026  
 TANK PRESSURE: 952 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 11:14 |
| INTERNAL STANDARD | VERIFIED | 11:14 |
| EXTERNAL STANDARD | 0.020    | 11:14 |
| BLANK TEST        | 0.000    | 11:15 |
| EXTERNAL STANDARD | 0.020    | 11:16 |
| BLANK TEST        | 0.000    | 11:16 |
| EXTERNAL STANDARD | 0.020    | 11:17 |
| BLANK TEST        | 0.000    | 11:17 |
| EXTERNAL STANDARD | 0.020    | 11:18 |
| BLANK TEST        | 0.000    | 11:19 |
| EXTERNAL STANDARD | 0.020    | 11:19 |
| BLANK TEST        | 0.000    | 11:20 |

Average = 0.0200  
 Std Dev = 0.0000



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety  
DATAMASTER dmt: 100374

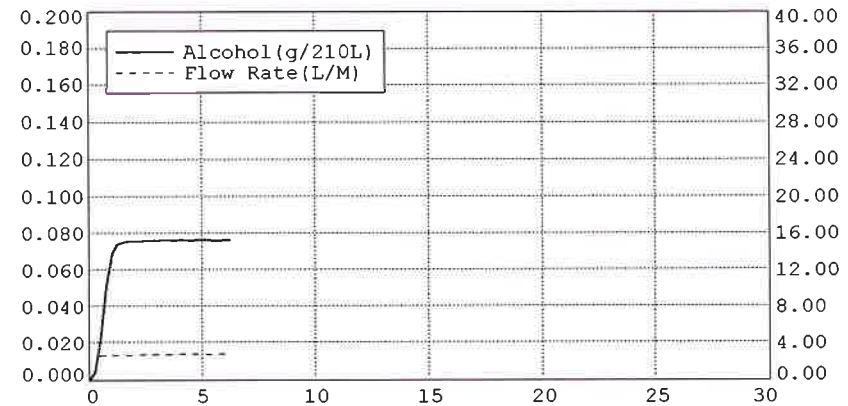
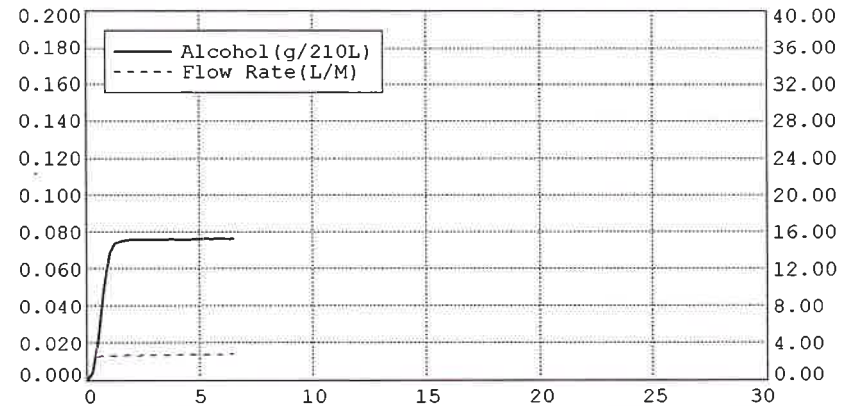
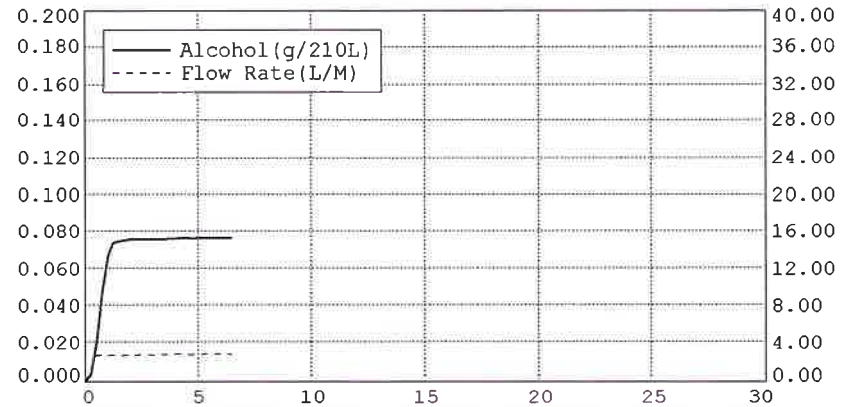
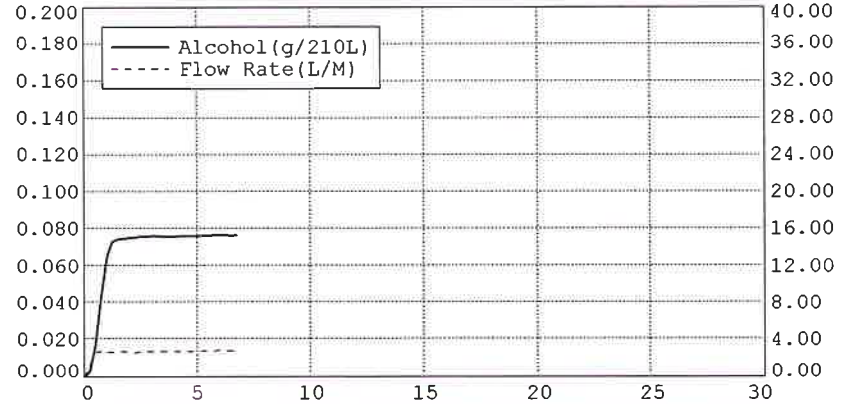
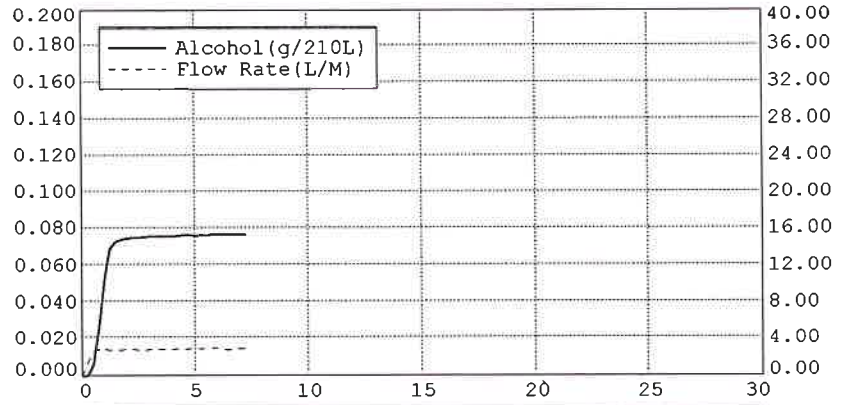
Date: 11/07/2025  
Time: 11:21:03

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 29.20: 0.078  
LOT #: AG335202  
EXPIRATION: 12/18/2025  
TANK PRESSURE: 1078 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 11:22 |
| INTERNAL STANDARD | VERIFIED | 11:22 |
| EXTERNAL STANDARD | 0.078    | 11:22 |
| BLANK TEST        | 0.000    | 11:23 |
| EXTERNAL STANDARD | 0.078    | 11:23 |
| BLANK TEST        | 0.000    | 11:24 |
| EXTERNAL STANDARD | 0.078    | 11:24 |
| BLANK TEST        | 0.000    | 11:25 |
| EXTERNAL STANDARD | 0.078    | 11:25 |
| BLANK TEST        | 0.000    | 11:26 |
| EXTERNAL STANDARD | 0.078    | 11:27 |
| BLANK TEST        | 0.000    | 11:27 |

Average = 0.0780  
Std Dev = 0.0000



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety  
DATAMASTER dmt: 100374

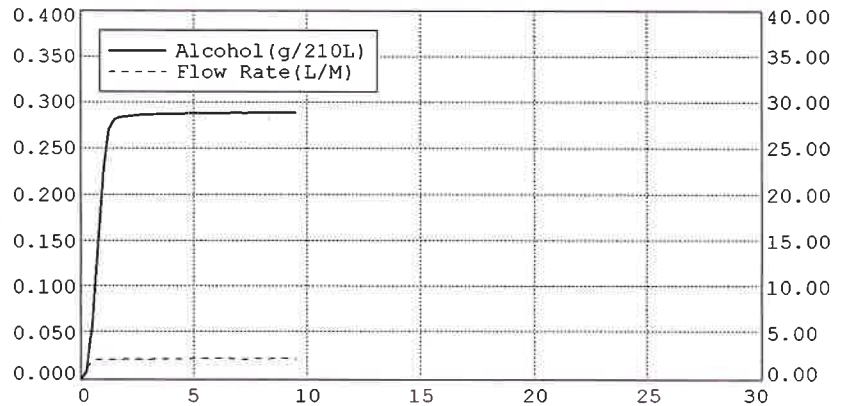
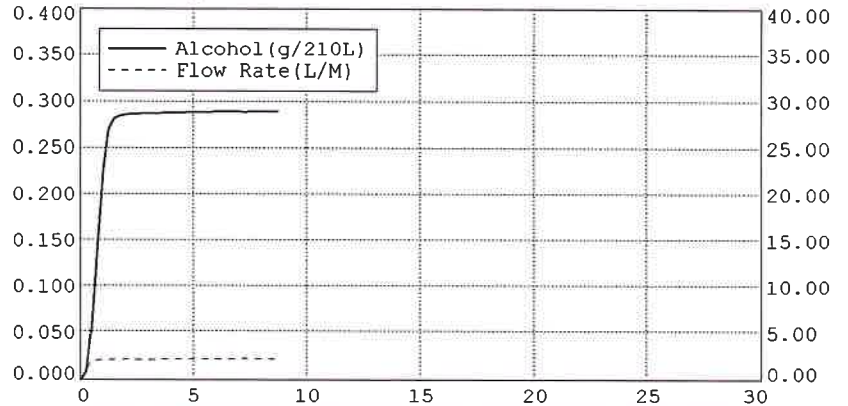
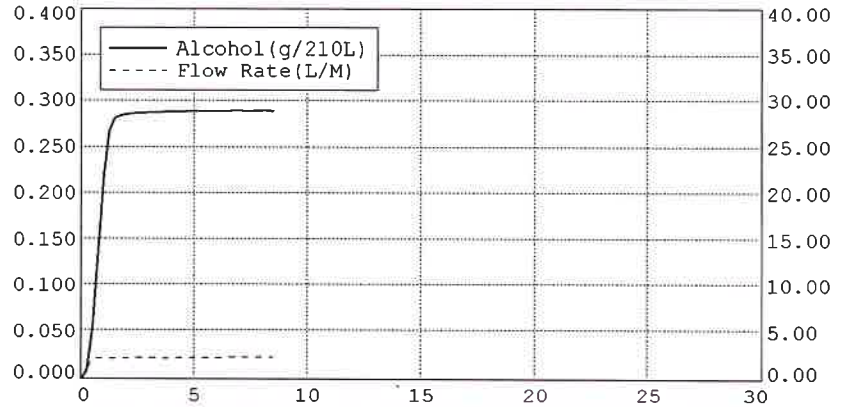
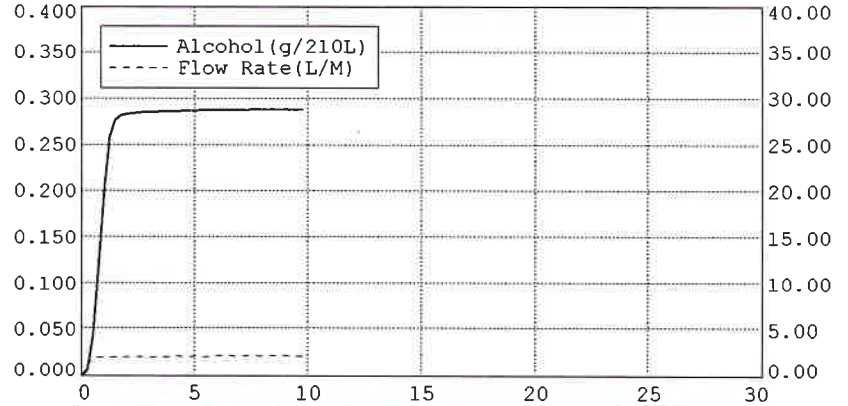
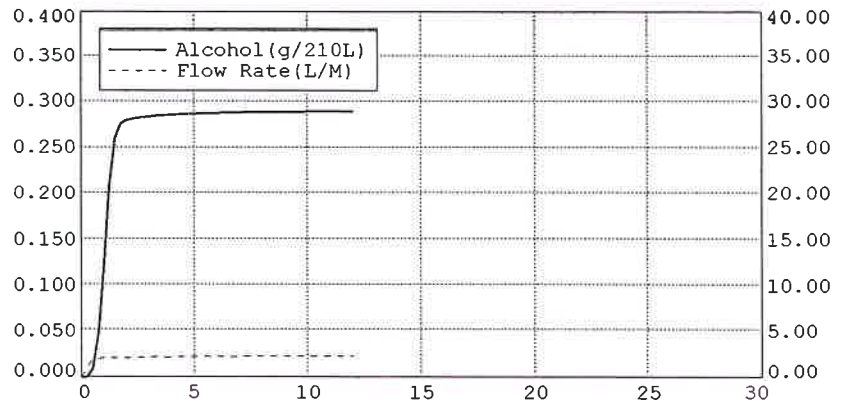
Date: 11/07/2025  
Time: 11:30:01

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.300  
TARGET AT 29.21: 0.293  
LOT #: AG427706  
EXPIRATION: 10/03/2026  
TANK PRESSURE: 132 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 11:31 |
| INTERNAL STANDARD | VERIFIED | 11:31 |
| EXTERNAL STANDARD | 0.290    | 11:31 |
| BLANK TEST        | 0.000    | 11:32 |
| EXTERNAL STANDARD | 0.289    | 11:32 |
| BLANK TEST        | 0.000    | 11:33 |
| EXTERNAL STANDARD | 0.289    | 11:33 |
| BLANK TEST        | 0.000    | 11:34 |
| EXTERNAL STANDARD | 0.290    | 11:35 |
| BLANK TEST        | 0.000    | 11:36 |
| EXTERNAL STANDARD | 0.290    | 11:36 |
| BLANK TEST        | 0.000    | 11:37 |

Average = 0.2896  
Std Dev = 0.0005





DIAGNOSTIC RECORD

-----  
Alaska Department of Public Safety  
DATAMASTER dmt: 100375  
-----

Date: 11/07/2025  
Time: 11:11:54

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     = 532 Hz                   PASSED  
(475 Hz - 575 Hz)  
Barometer        = 29.2 in

PUMP INFO

Flow Rate = 3.900 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 0.86% (0.00% - 4.00%)                   PASSED

Technician Screen

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

Date: 11/07/2025  
Time: 11:14 AM

Temperatures (°C)

Sample Cell: 48.6°C  
Breath Tube: 47.9°C

Current Barometer 29.2 in  
Volume (Ltr) 0.00

Settings

Lamp: 1.52 V  
Bias: 79 V  
Cooler: 1.73 V  
Chopper: 531 Hz

Voltages (V)

Flow: 1.05 V  
Detector: 0.080 V

LINEARITY CHECK

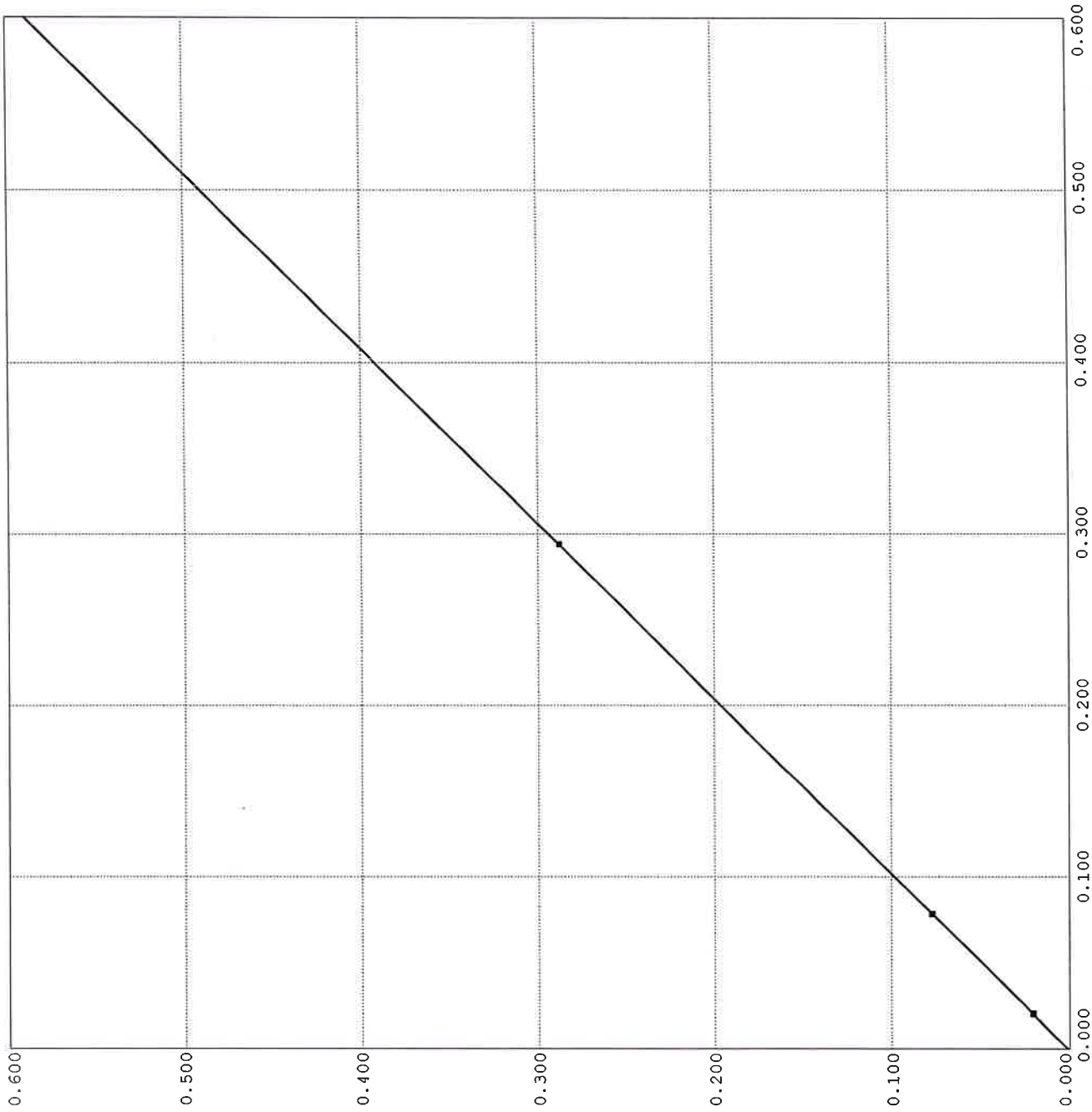
-----  
 Alaska Department of Public Safety  
 DATAMASTER dmt: 100375  
 -----

Date: 11/07/2025  
 Time: 11:16:30

SUPERVISOR NAME:  
 CARLIE GLAISTER  
 OPERATOR'S #: 10436

| TARGET | AVERAGE | STD. DEV. |
|--------|---------|-----------|
| 0.020  | 0.0210  | 0.0000    |
| 0.078  | 0.0782  | 0.0004    |
| 0.293  | 0.2886  | 0.0005    |

SLOPE = 0.979781  
 R<sup>2</sup> = 0.999998



EVG

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety  
 DATAMASTER dmt: 100375

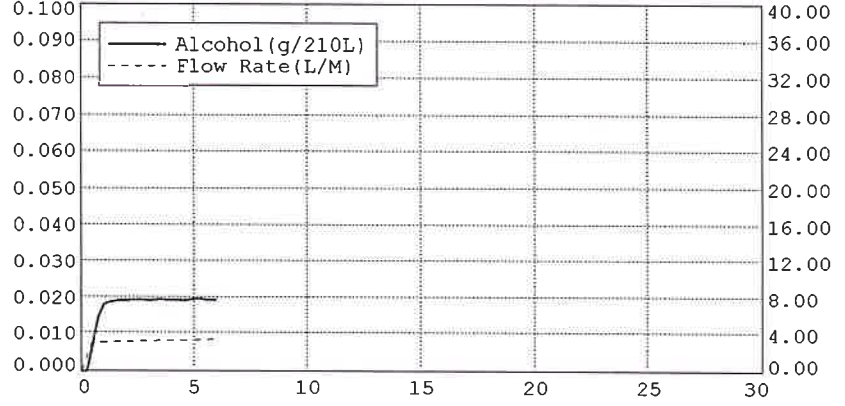
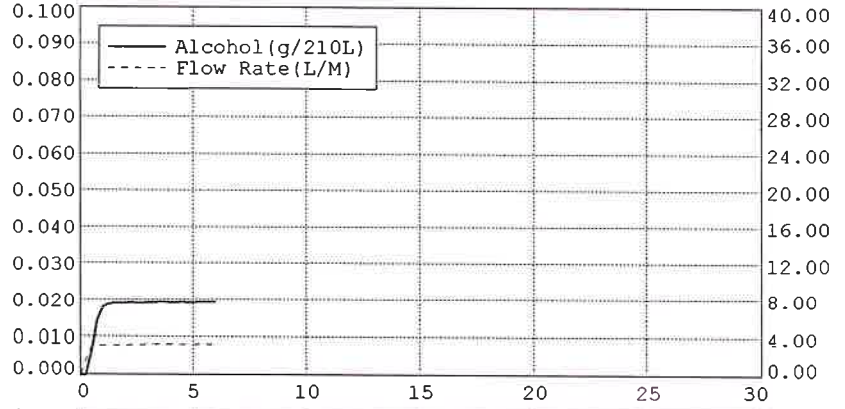
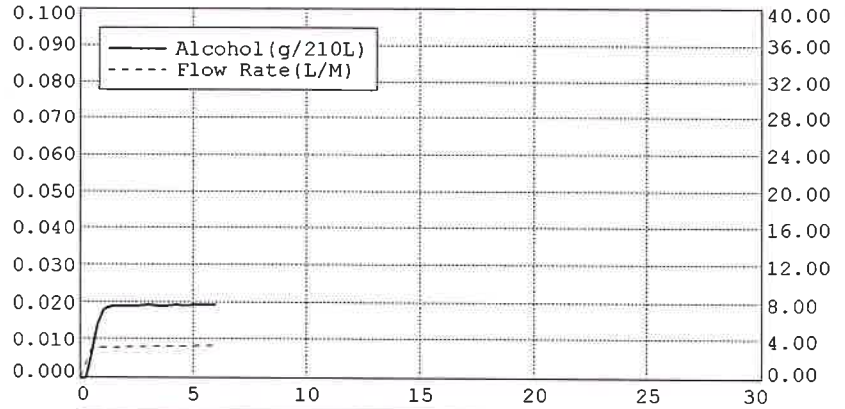
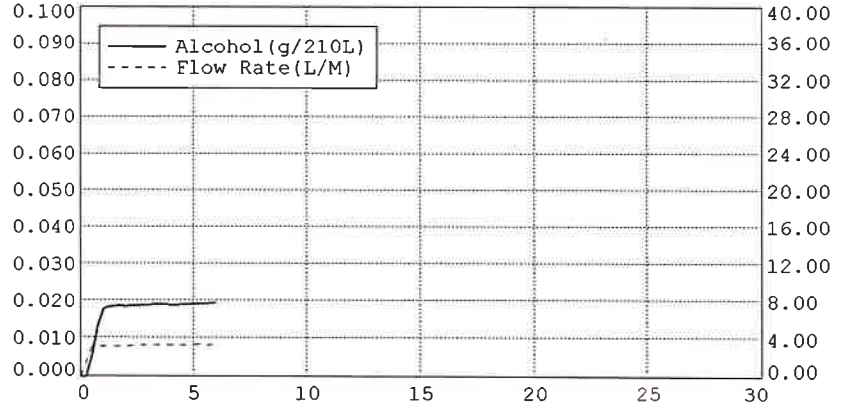
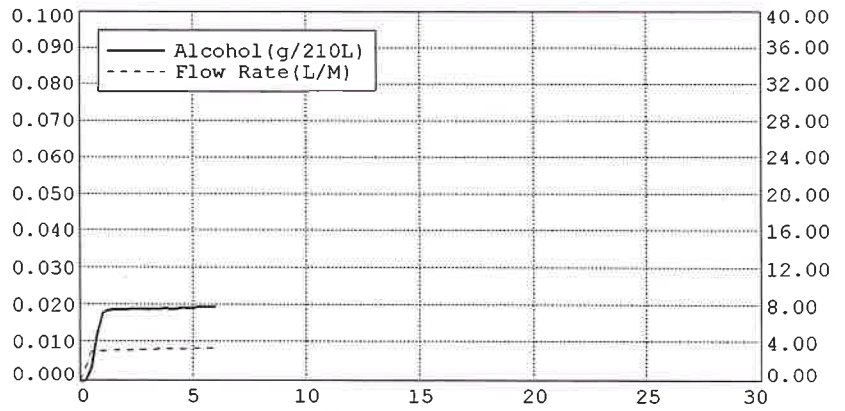
Date: 11/07/2025  
 Time: 11:16:33

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020  
 TARGET AT 29.22: 0.020  
 LOT #: AG408002  
 EXPIRATION: 03/20/2026  
 TANK PRESSURE: 307 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 11:17 |
| INTERNAL STANDARD | VERIFIED | 11:18 |
| EXTERNAL STANDARD | 0.021    | 11:18 |
| BLANK TEST        | 0.000    | 11:19 |
| EXTERNAL STANDARD | 0.021    | 11:19 |
| BLANK TEST        | 0.000    | 11:20 |
| EXTERNAL STANDARD | 0.021    | 11:20 |
| BLANK TEST        | 0.000    | 11:21 |
| EXTERNAL STANDARD | 0.021    | 11:21 |
| BLANK TEST        | 0.000    | 11:22 |
| EXTERNAL STANDARD | 0.021    | 11:22 |
| BLANK TEST        | 0.000    | 11:23 |

Average = 0.0210  
 Std Dev = 0.0000



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety  
 DATAMASTER dmt: 100375

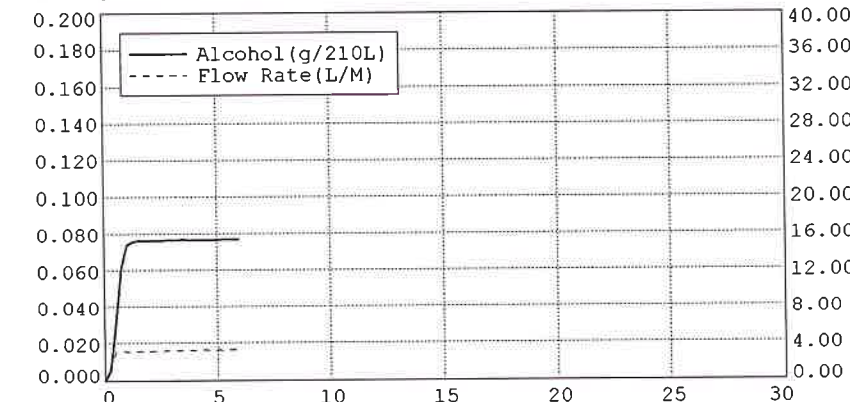
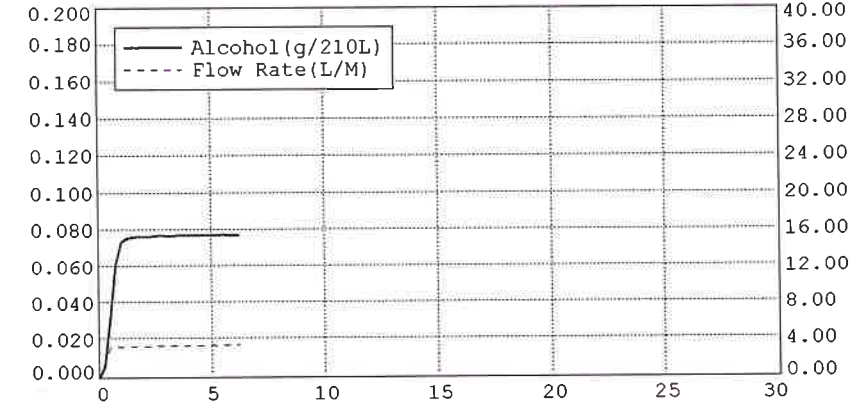
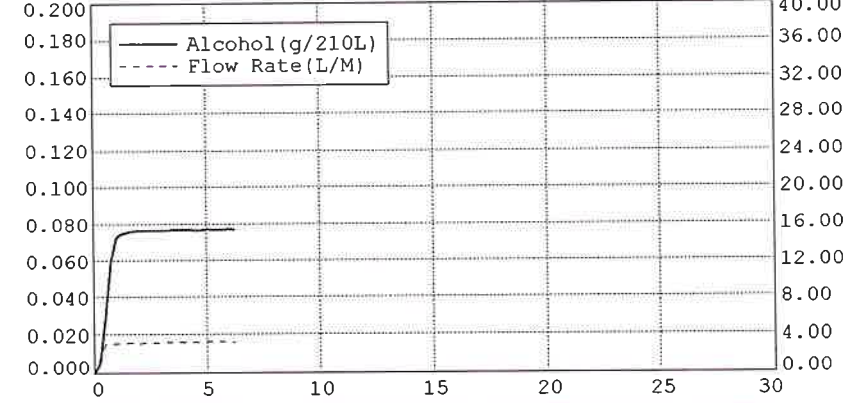
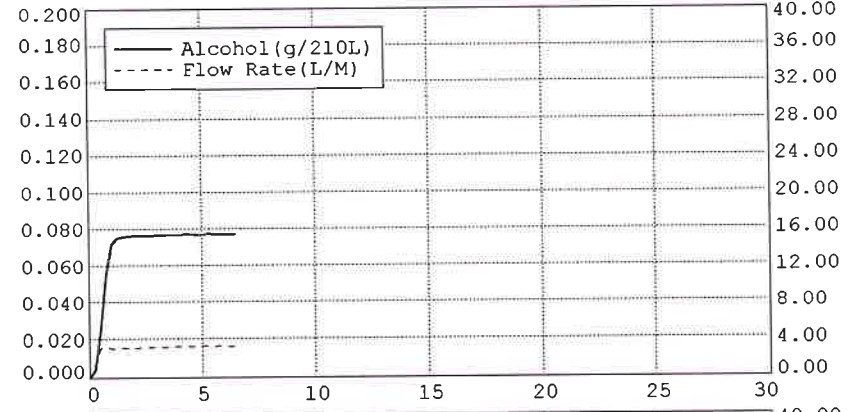
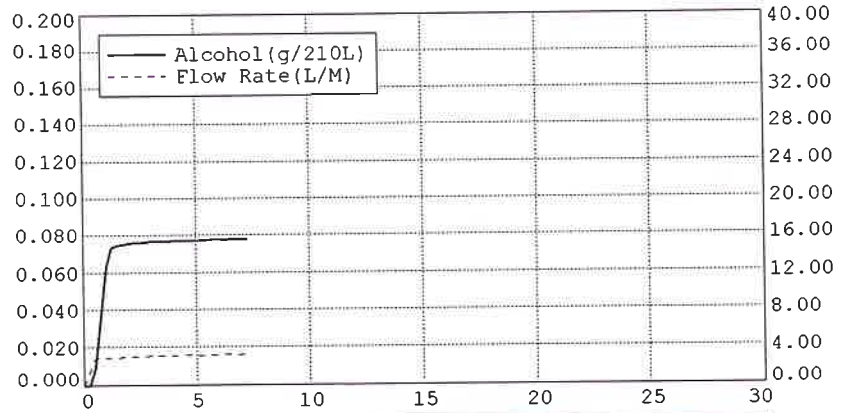
Date: 11/07/2025  
 Time: 11:24:22

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
 TARGET AT 29.22: 0.078  
 LOT #: AG335202  
 EXPIRATION: 12/18/2025  
 TANK PRESSURE: 571 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 11:25 |
| INTERNAL STANDARD | VERIFIED | 11:25 |
| EXTERNAL STANDARD | 0.079    | 11:26 |
| BLANK TEST        | 0.000    | 11:27 |
| EXTERNAL STANDARD | 0.078    | 11:27 |
| BLANK TEST        | 0.000    | 11:28 |
| EXTERNAL STANDARD | 0.078    | 11:28 |
| BLANK TEST        | 0.000    | 11:29 |
| EXTERNAL STANDARD | 0.078    | 11:29 |
| BLANK TEST        | 0.000    | 11:30 |
| EXTERNAL STANDARD | 0.078    | 11:30 |
| BLANK TEST        | 0.000    | 11:31 |

Average = 0.0782  
 Std Dev = 0.0004



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety  
 DATAMASTER dmt: 100375

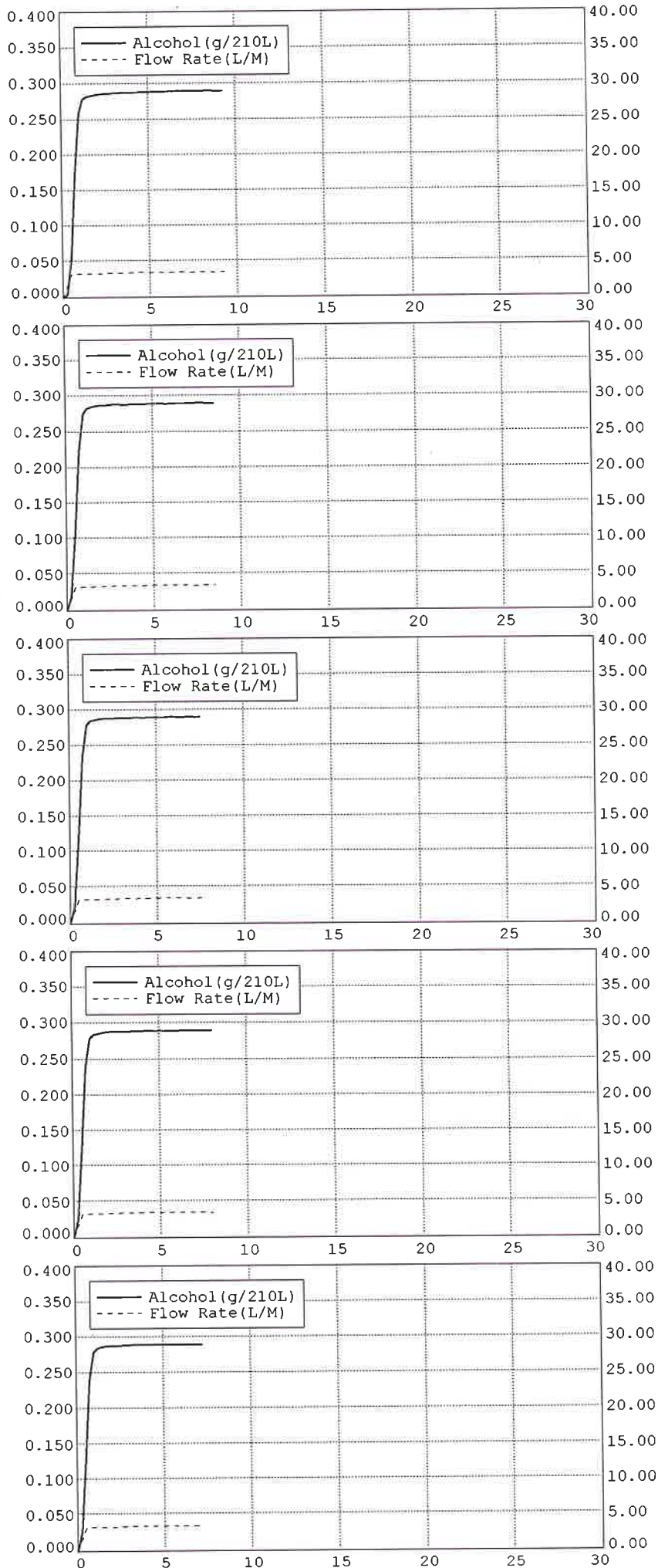
Date: 11/07/2025  
 Time: 11:33:43

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.300  
 TARGET AT 29.22: 0.293  
 LOT #: AG427706  
 EXPIRATION: 10/03/2026  
 TANK PRESSURE: 457 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 11:34 |
| INTERNAL STANDARD | VERIFIED | 11:34 |
| EXTERNAL STANDARD | 0.289    | 11:35 |
| BLANK TEST        | 0.000    | 11:36 |
| EXTERNAL STANDARD | 0.288    | 11:36 |
| BLANK TEST        | 0.000    | 11:37 |
| EXTERNAL STANDARD | 0.288    | 11:37 |
| BLANK TEST        | 0.000    | 11:38 |
| EXTERNAL STANDARD | 0.289    | 11:38 |
| BLANK TEST        | 0.000    | 11:39 |
| EXTERNAL STANDARD | 0.289    | 11:39 |
| BLANK TEST        | 0.000    | 11:40 |

Average = 0.2886  
 Std Dev = 0.0005



DIAGNOSTIC RECORD

Alaska Department of Public Safety  
DATAMASTER dmt: 100399

Date: 11/07/2025  
Time: 11:03:32

VERSIONS  
DMT: 3.02  
PIC: 3.03  
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 = 1.79 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 = 524 Hz PASSED  
(475 Hz - 575 Hz)  
Barometer = 29.2 in

PUMP INFO

Flow Rate = 4.497 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 = 0.085 1.13% (0.00% - 4.00%)

**Technician Screen**

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

Date: 11/07/2025  
Time: 11:07 AM

Temperatures (°C)

Sample Cell: 48.9°C  
Breath Tube: 48.0°C

Current Barometer 29.2 in  
Volume (Ltr) 0.00

Settings

Lamp: 1.79 V  
Bias: 81 V  
Cooler: 1.65 V  
Chopper: 524 Hz

Voltages (V)

Flow: 1.06 V  
Detector: 0.094 V



LINEARITY CHECK

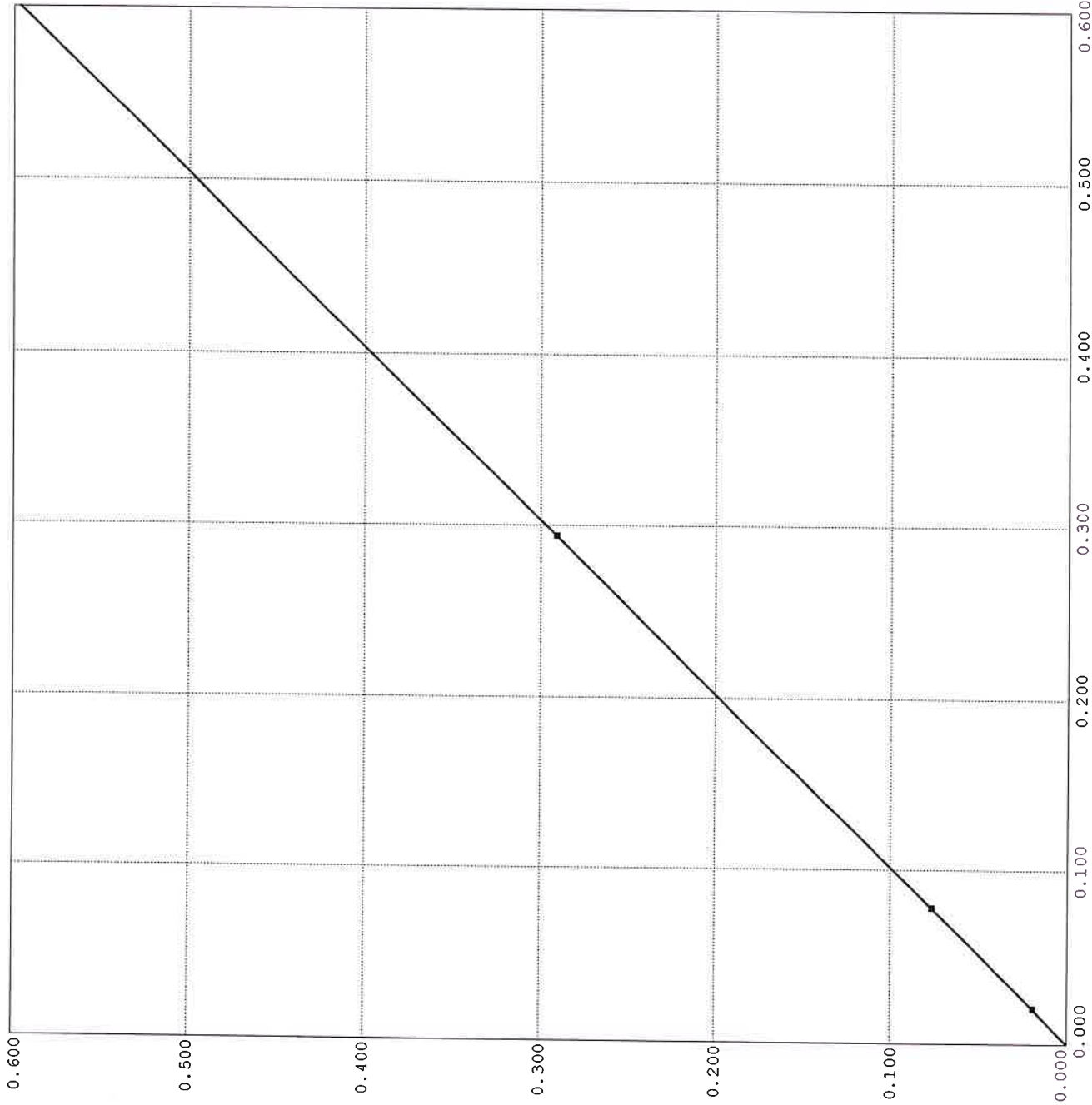
Alaska Department of Public Safety  
DATAMASTER dmt: 100399

Date: 11/07/2025  
Time: 11:17:43

SUPERVISOR NAME:  
CARLIE GLAISTER  
OPERATOR'S #: 10436

| TARGET | AVERAGE | STD. DEV. |
|--------|---------|-----------|
| 0.020  | 0.0200  | 0.0000    |
| 0.078  | 0.0776  | 0.0005    |
| 0.293  | 0.2914  | 0.0005    |

SLOPE = 0.994215  
R<sup>2</sup> = 1.000000



CXG

**LINEARITY CHECK: Control Test 1**

Alaska Department of Public Safety  
 DATAMASTER dmt: 100399

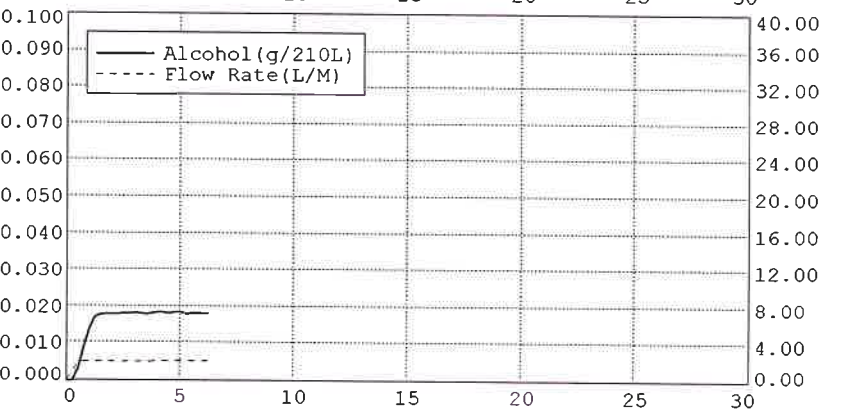
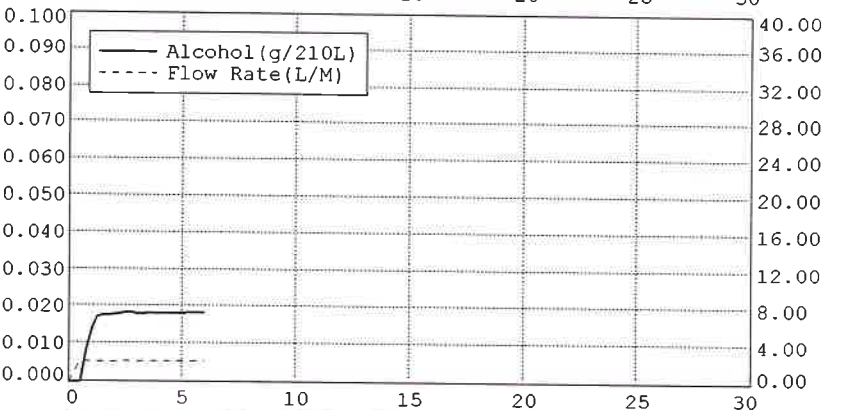
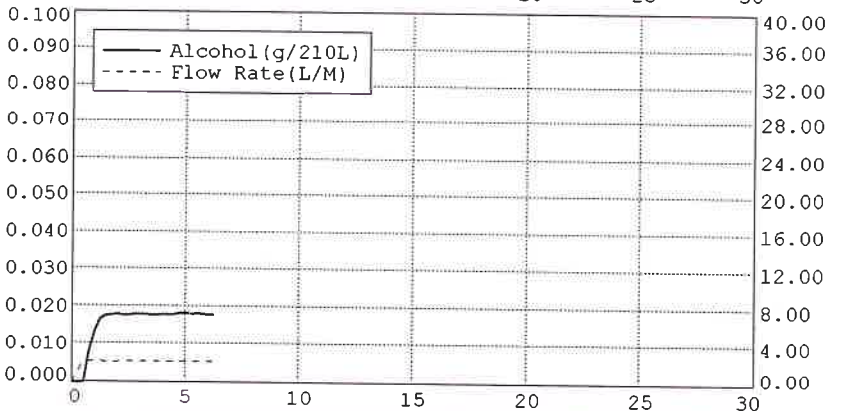
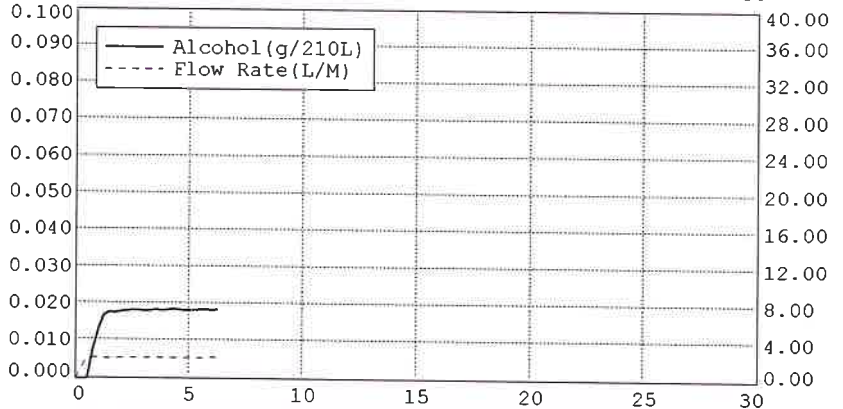
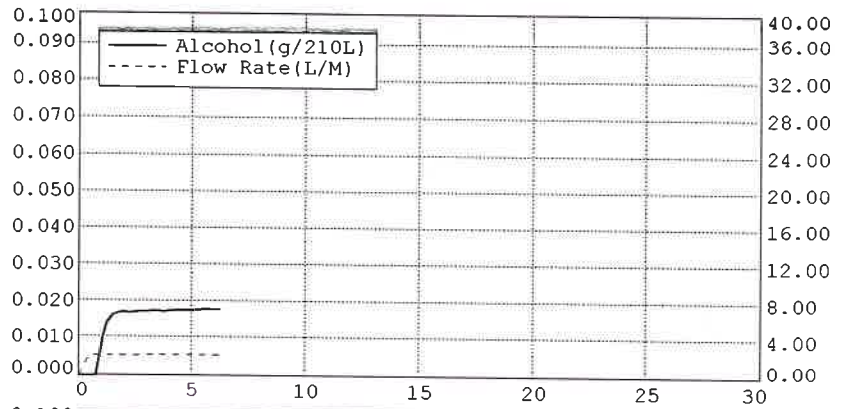
Date: 11/07/2025  
 Time: 11:17:45

**EXTERNAL STANDARD INFORMATION**

NOMINAL: 0.020  
 TARGET AT 29.21: 0.020  
 LOT #: AG408002  
 EXPIRATION: 03/20/2026  
 TANK PRESSURE: 273 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 11:19 |
| INTERNAL STANDARD | VERIFIED | 11:19 |
| EXTERNAL STANDARD | 0.020    | 11:19 |
| BLANK TEST        | 0.000    | 11:20 |
| EXTERNAL STANDARD | 0.020    | 11:20 |
| BLANK TEST        | 0.000    | 11:21 |
| EXTERNAL STANDARD | 0.020    | 11:21 |
| BLANK TEST        | 0.000    | 11:22 |
| EXTERNAL STANDARD | 0.020    | 11:22 |
| BLANK TEST        | 0.000    | 11:23 |
| EXTERNAL STANDARD | 0.020    | 11:24 |
| BLANK TEST        | 0.000    | 11:24 |

Average = 0.0200  
 Std Dev = 0.0000



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety  
DATAMASTER dmt: 100399

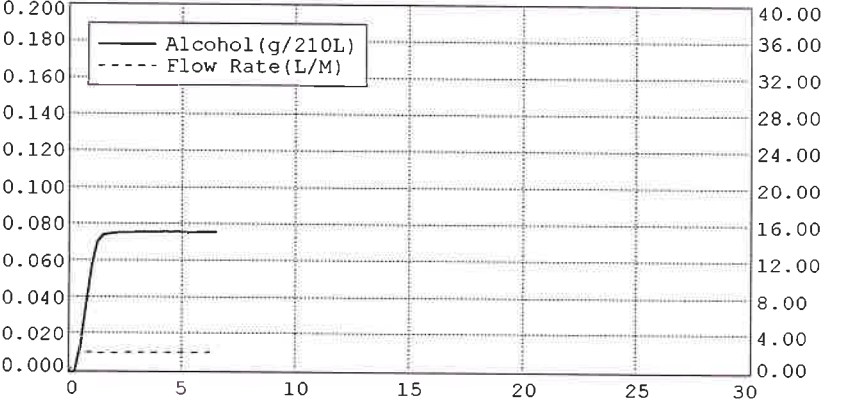
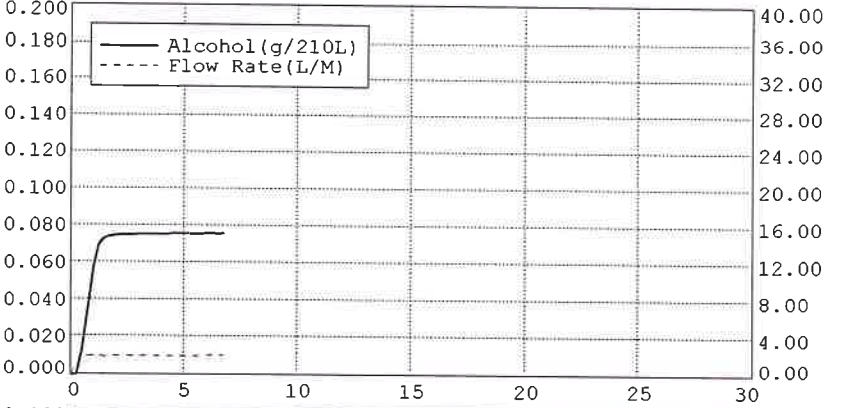
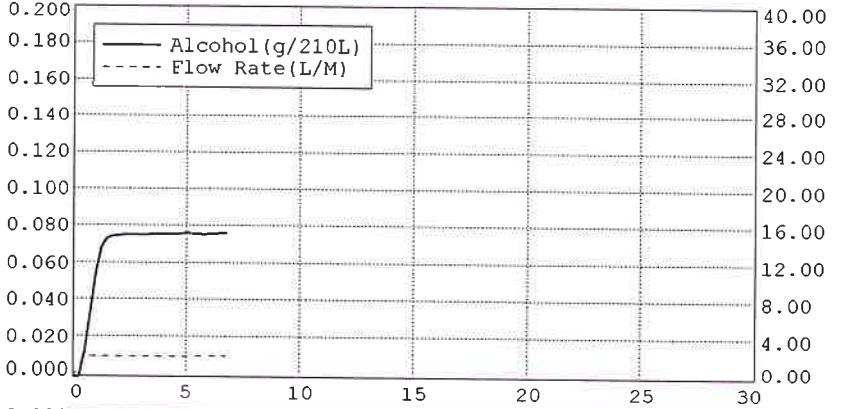
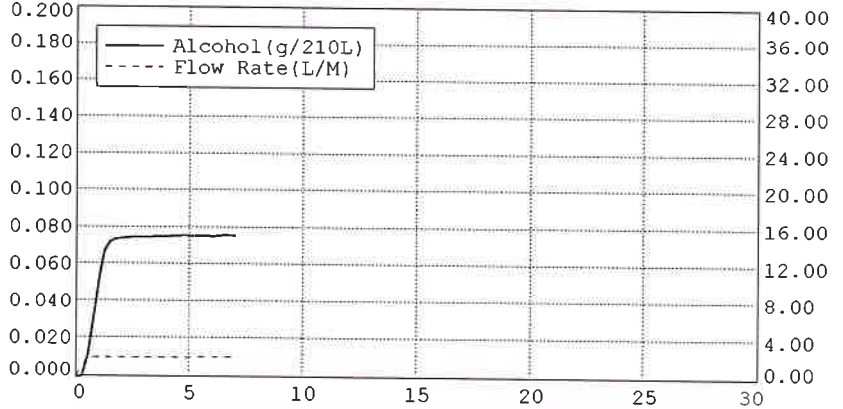
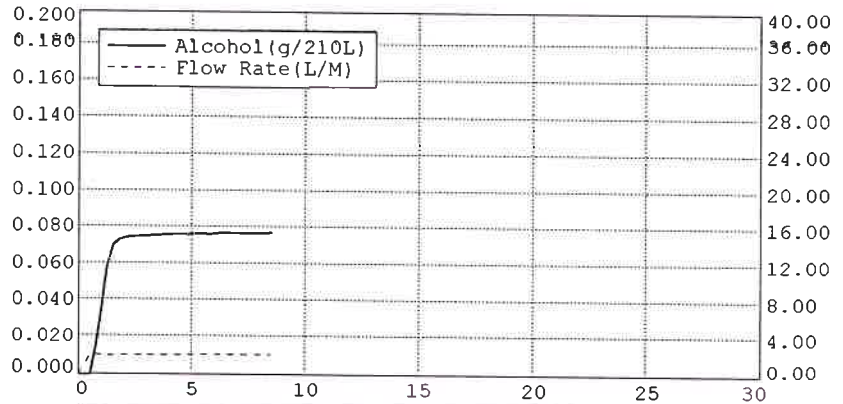
Date: 11/07/2025  
Time: 11:26:37

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 29.22: 0.078  
LOT #: AG335202  
EXPIRATION: 12/18/2025  
TANK PRESSURE: 178 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 11:28 |
| INTERNAL STANDARD | VERIFIED | 11:28 |
| EXTERNAL STANDARD | 0.078    | 11:28 |
| BLANK TEST        | 0.000    | 11:29 |
| EXTERNAL STANDARD | 0.077    | 11:29 |
| BLANK TEST        | 0.000    | 11:30 |
| EXTERNAL STANDARD | 0.078    | 11:30 |
| BLANK TEST        | 0.000    | 11:31 |
| EXTERNAL STANDARD | 0.077    | 11:31 |
| BLANK TEST        | 0.000    | 11:32 |
| EXTERNAL STANDARD | 0.078    | 11:32 |
| BLANK TEST        | 0.000    | 11:33 |

Average = 0.0776  
Std Dev = 0.0005



**LINEARITY CHECK: Control Test 3**

Alaska Department of Public Safety  
DATAMASTER dmt: 100399

Date: 11/07/2025  
Time: 11:40:29

**EXTERNAL STANDARD INFORMATION**

NOMINAL: 0.300  
TARGET AT 29.22: 0.293  
LOT #: AG427706  
EXPIRATION: 10/03/2026  
TANK PRESSURE: 413 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 11:42 |
| INTERNAL STANDARD | VERIFIED | 11:42 |
| EXTERNAL STANDARD | 0.292    | 11:42 |
| BLANK TEST        | 0.000    | 11:43 |
| EXTERNAL STANDARD | 0.292    | 11:43 |
| BLANK TEST        | 0.000    | 11:44 |
| EXTERNAL STANDARD | 0.291    | 11:44 |
| BLANK TEST        | 0.000    | 11:45 |
| EXTERNAL STANDARD | 0.291    | 11:46 |
| BLANK TEST        | 0.000    | 11:46 |
| EXTERNAL STANDARD | 0.291    | 11:47 |
| BLANK TEST        | 0.000    | 11:48 |

Average = 0.2914  
Std Dev = 0.0005

