



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

Exp Date	Cyl. Type	Component	Certified Concentration
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:

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

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

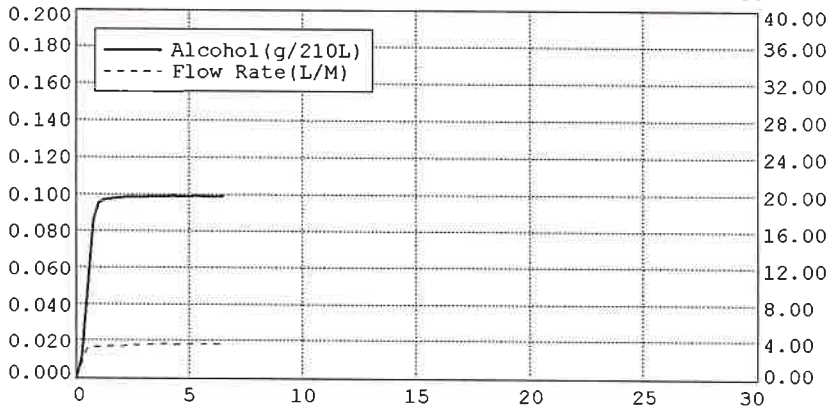
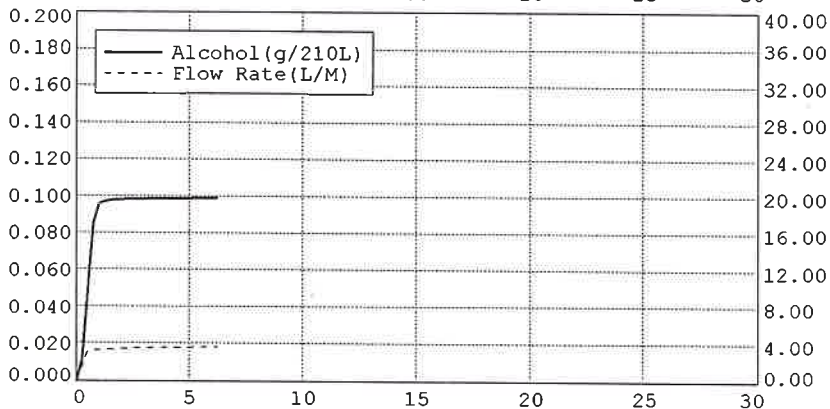
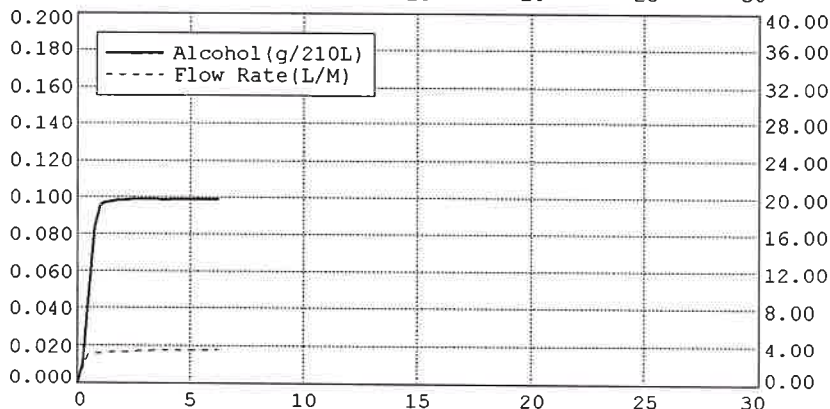
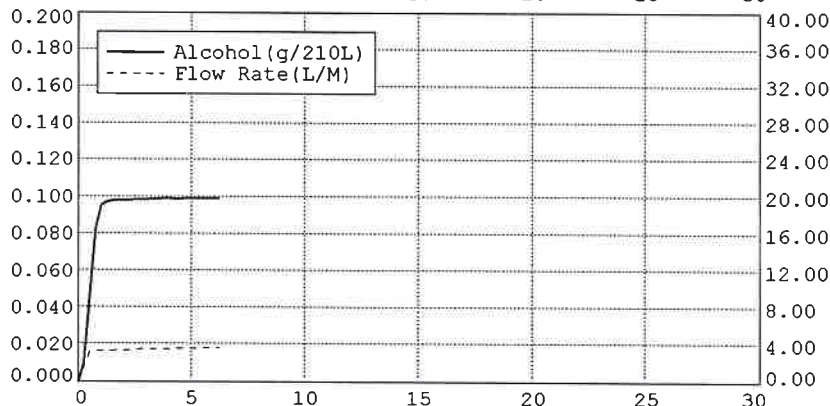
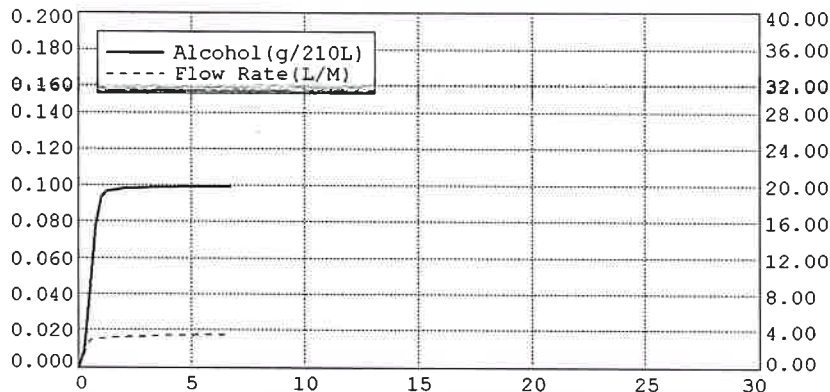
Lot: AG516101

Exp: 06/10/2027

Tank 030

CKG 12/12/25

Average ~~0.010~~ ^{CKG 12/12/25}
0.100



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

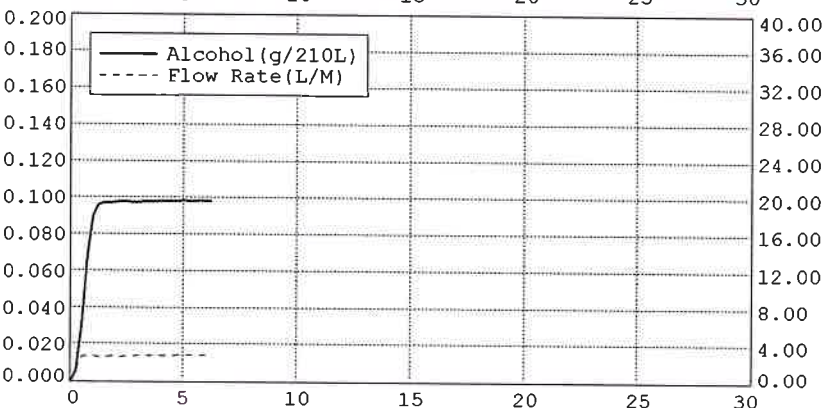
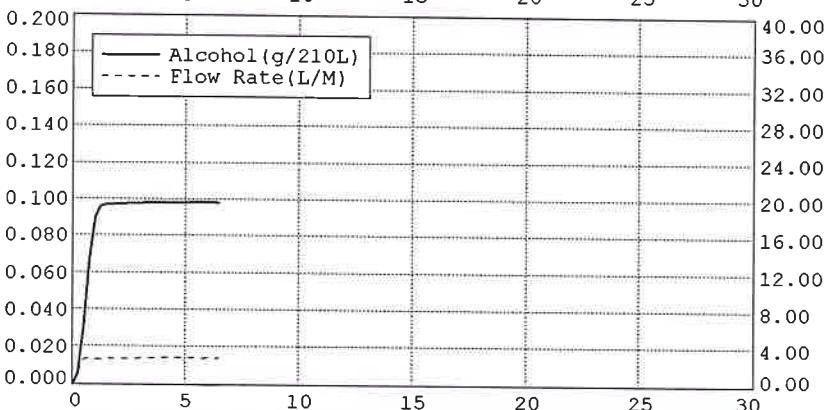
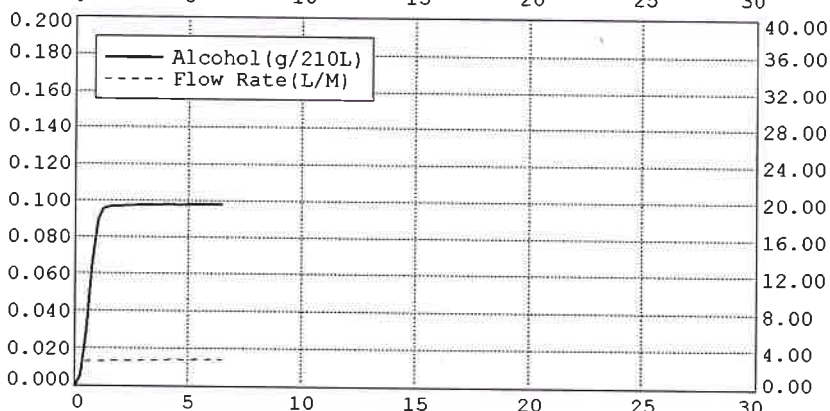
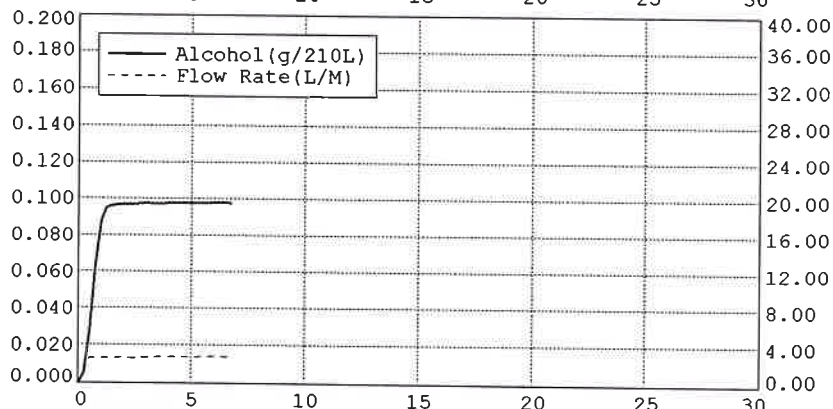
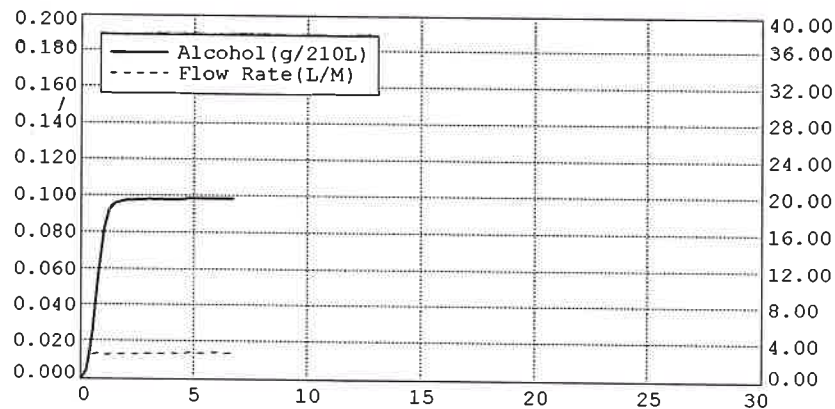
EXTERNAL STANDARD INFORMATION

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
CUG 12/12/25



SUPERVISOR 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	10:25
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

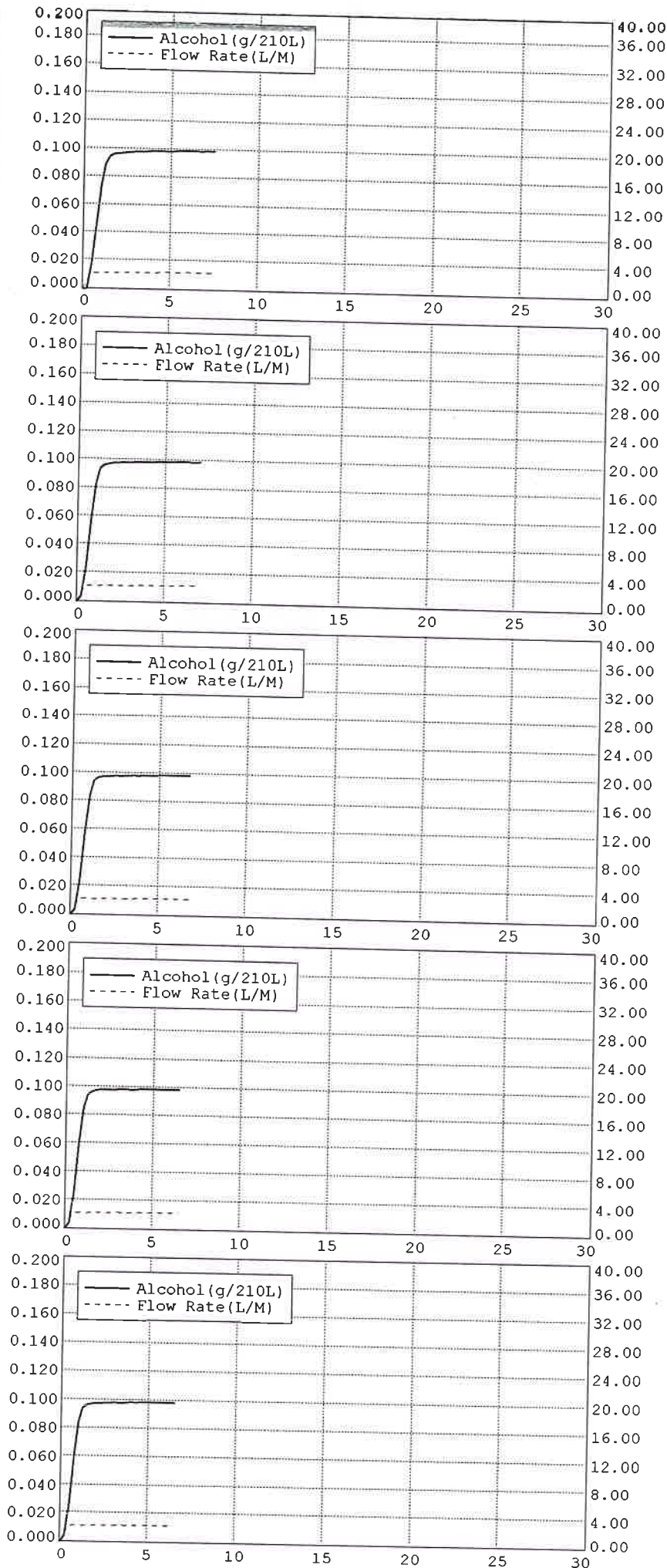
Average = 0.1000
Std Dev = 0.0000

Lot: AG516101

Exp: 06/10/2027

CXG 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

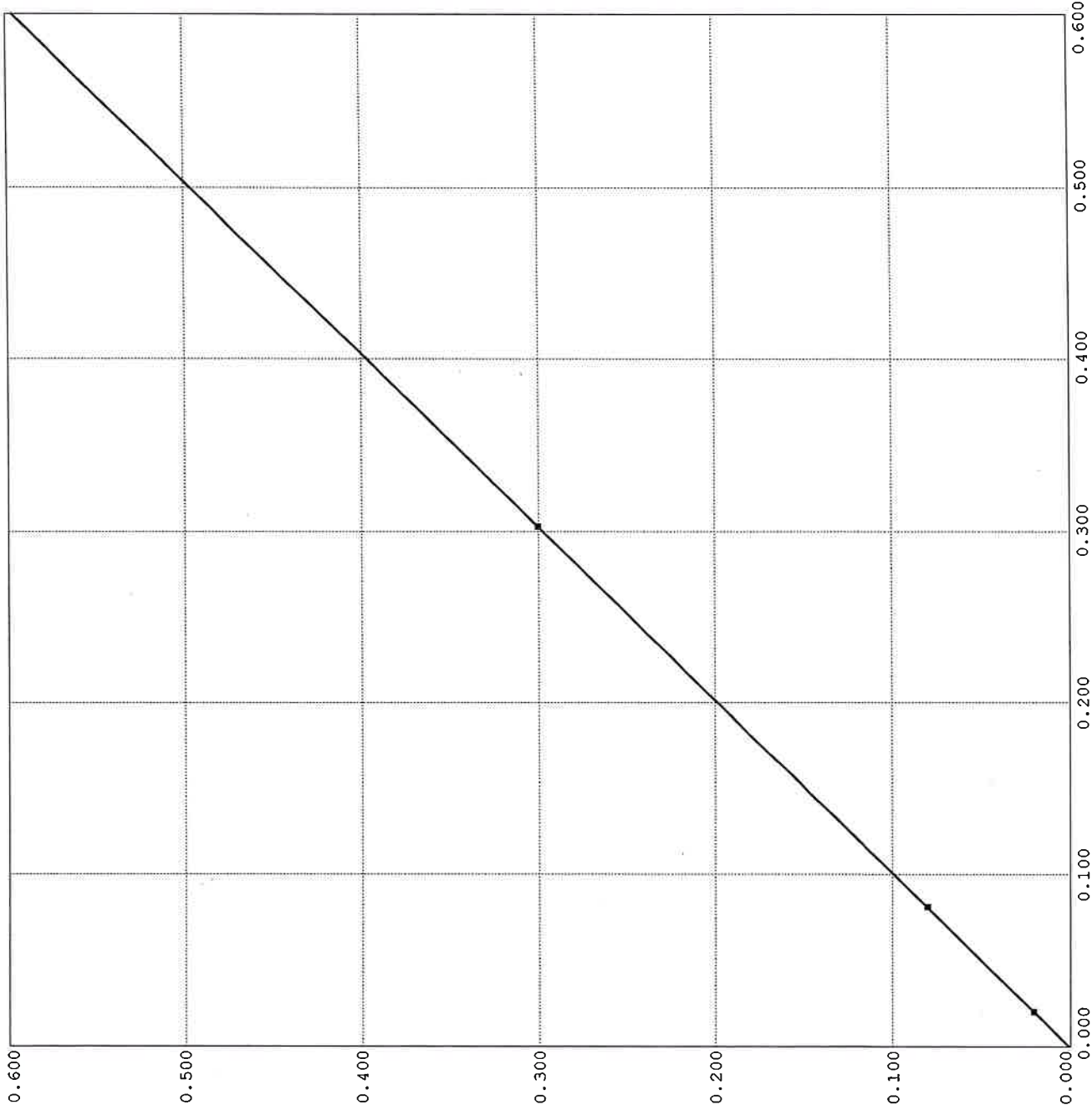
 Alaska Department of Public Safety
 DATA MASTER dmt: 100375

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

SUPERVISOR NAME:
 CARLIE GLAISTER
 OPERATOR'S #: 10436

TARGET	AVERAGE	STD. DEV.
0.020	0.0212	0.0004
0.081	0.0812	0.0004
0.302	0.3010	0.0000

SLOPE = 0.992833
 R² = 0.999996



OKG

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100375

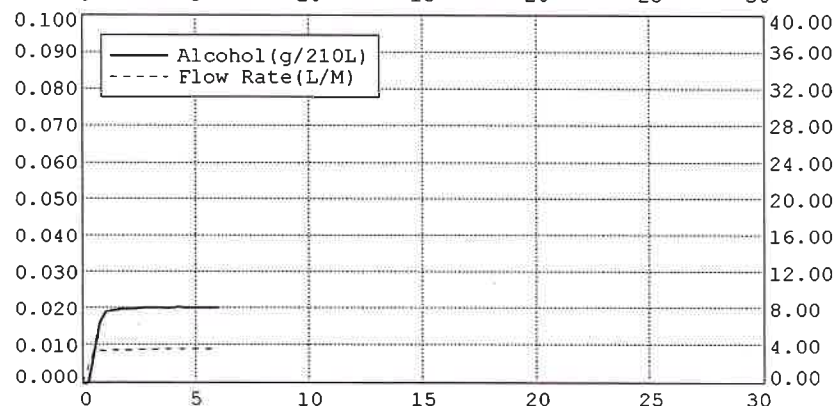
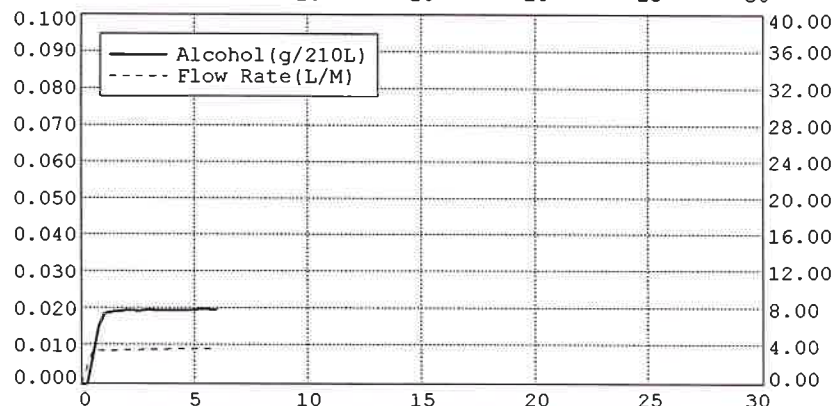
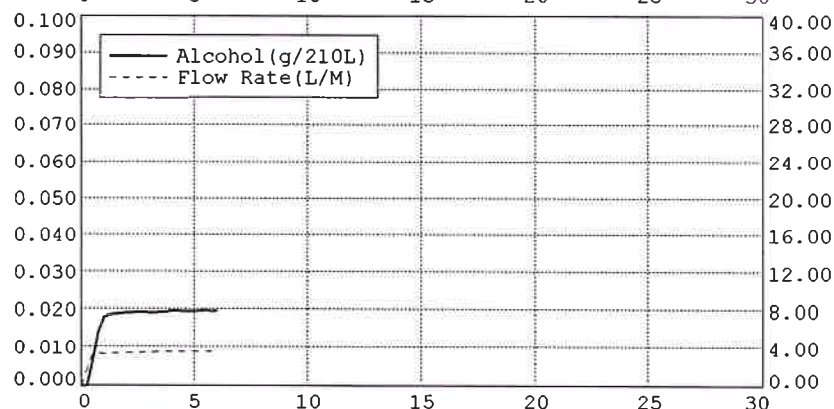
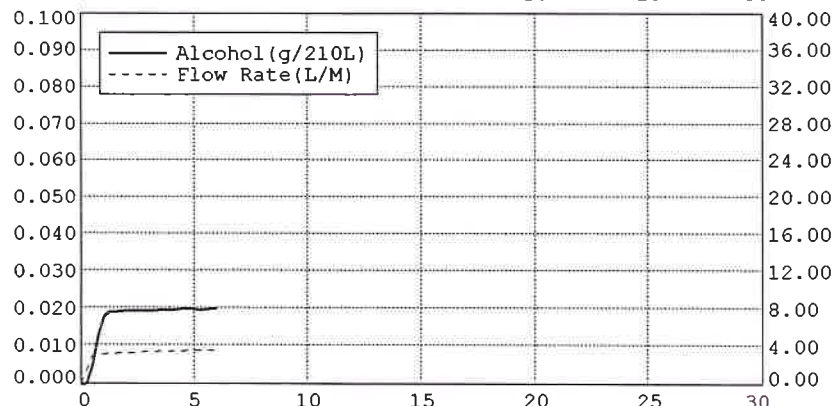
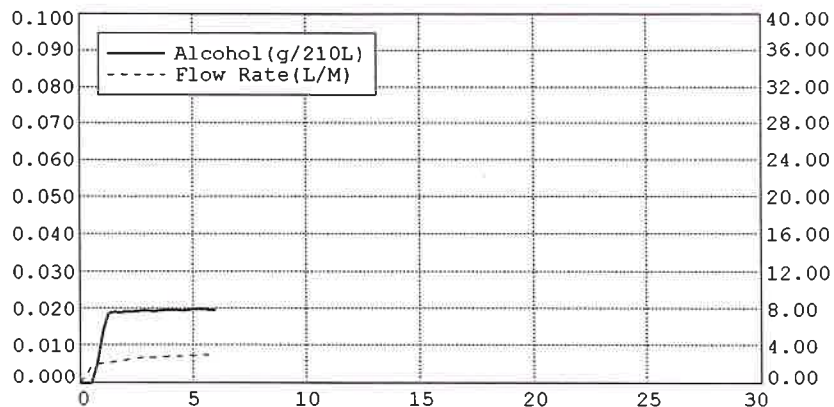
Date: 12/12/2025
Time: 09:07:00

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

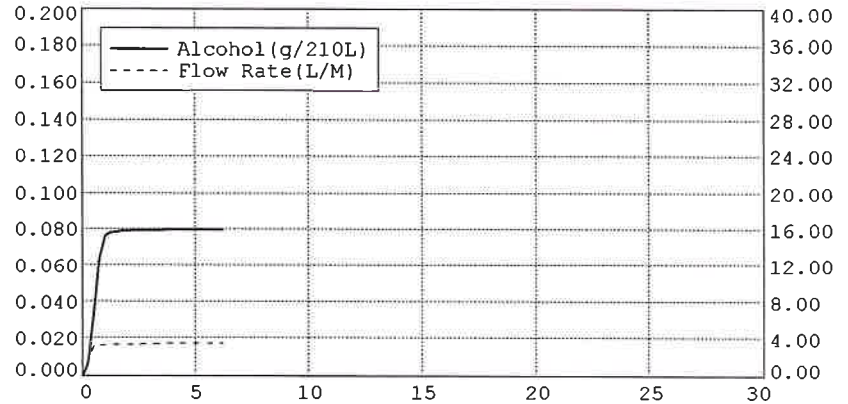
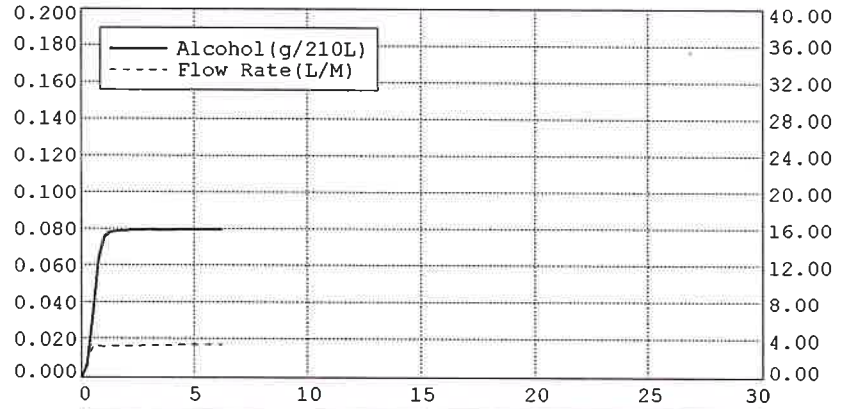
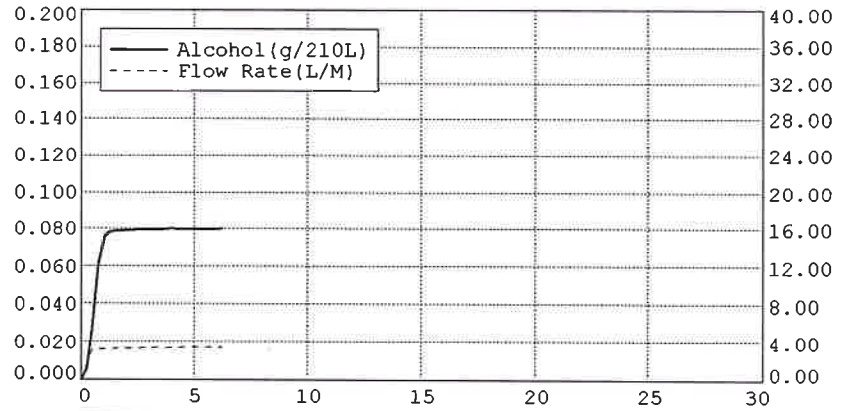
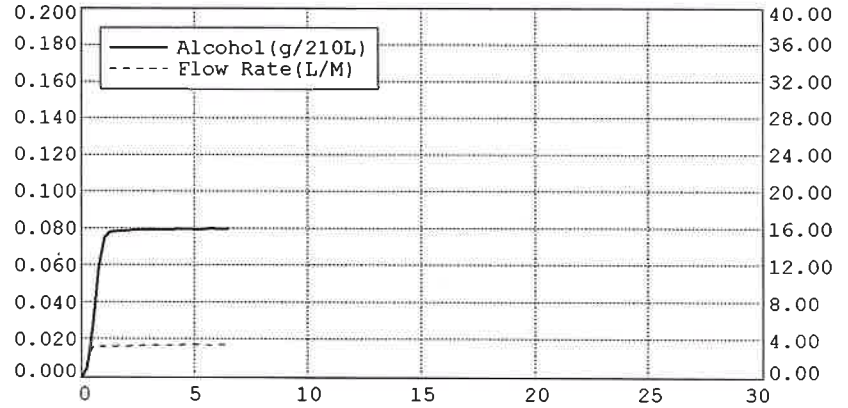
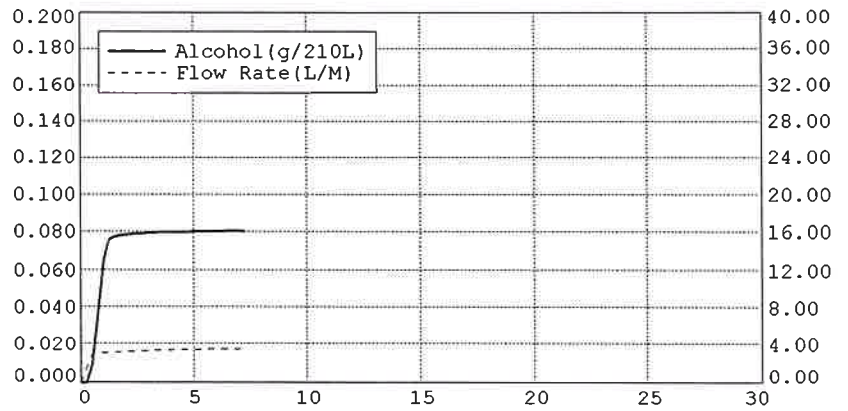
Date: 12/12/2025
Time: 09:15:42

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

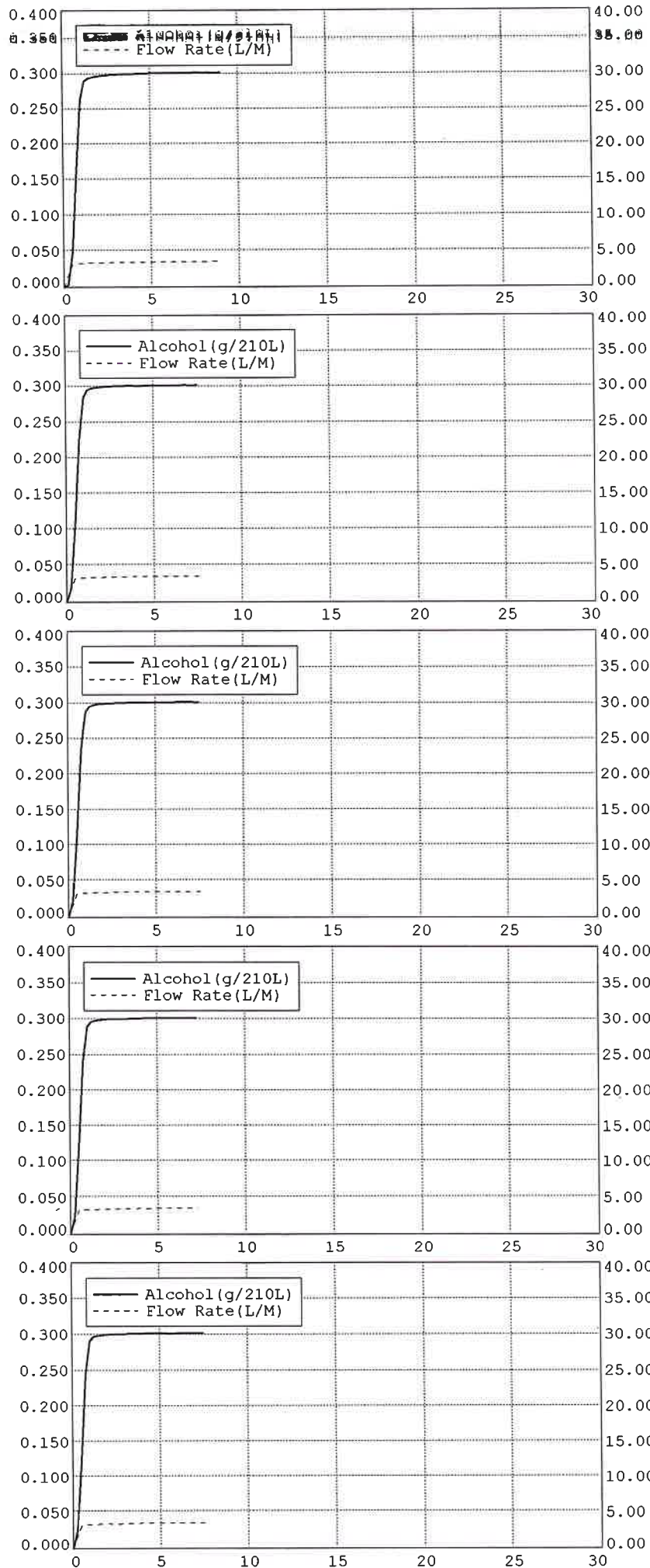
Date: 12/12/2025
Time: 09:31:06

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

SETTINGS

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

PUMP INFO

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

PUMP ON (0.003 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 = 0.091 0.48% (0.00% - 4.00%)	PASSED
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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

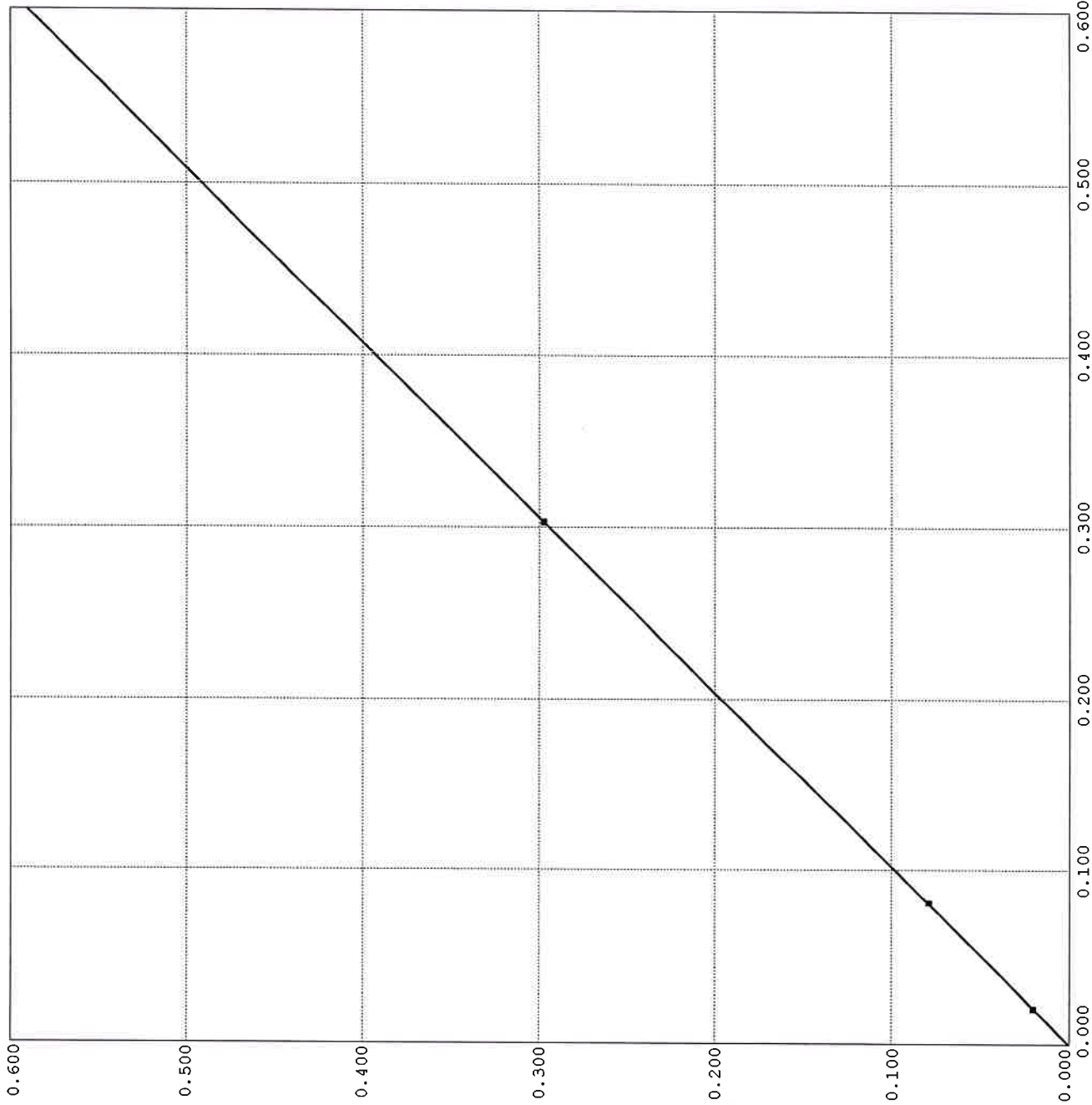
Alaska Department of Public Safety
DATAMASTER dmt: 100374

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
R² = 0.999988



OK

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100374

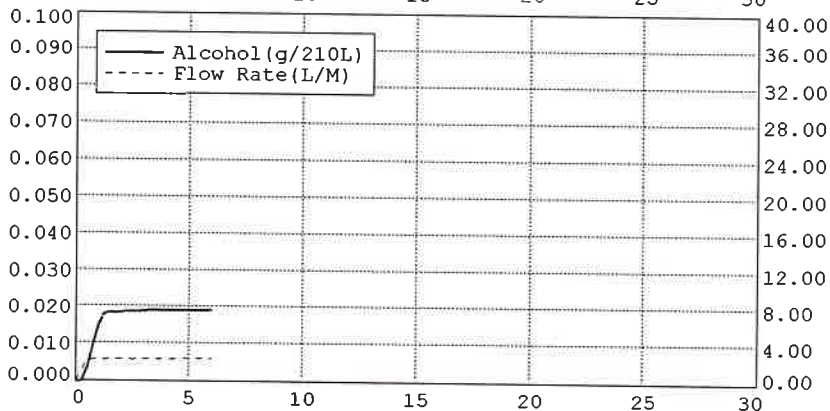
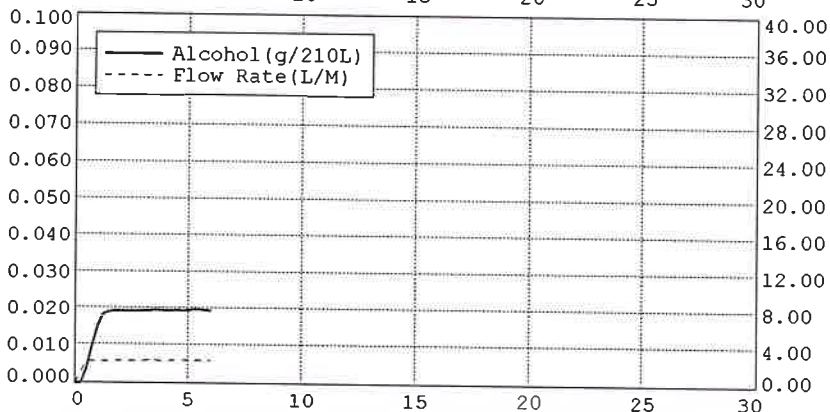
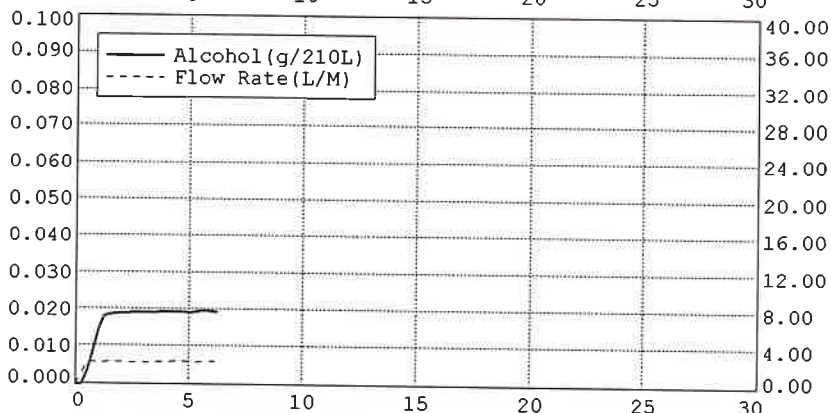
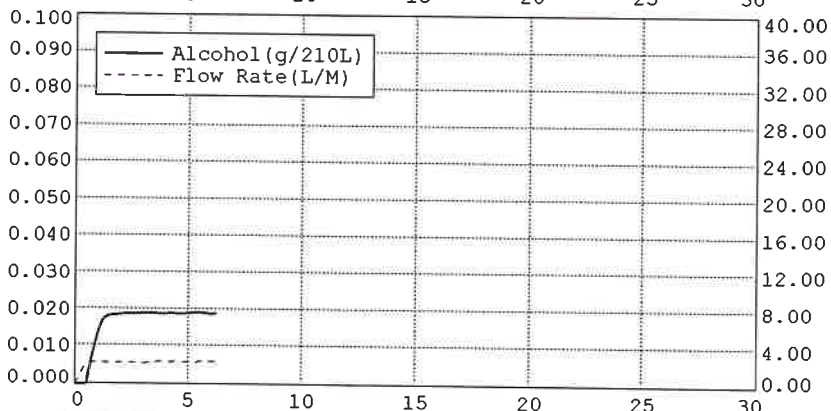
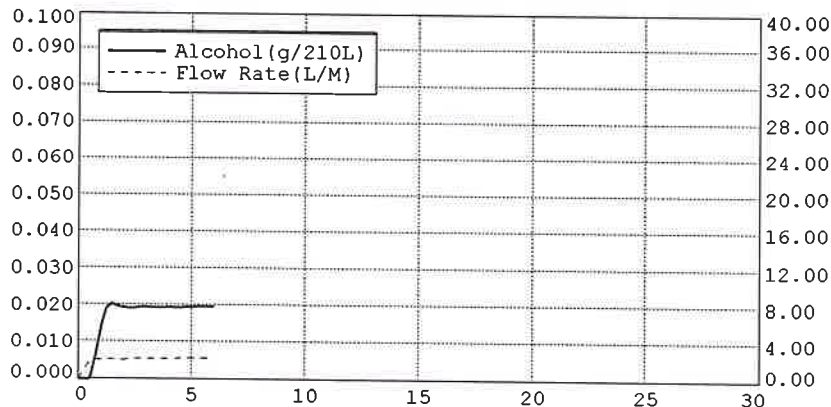
Date: 12/12/2025
Time: 09:03:40

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

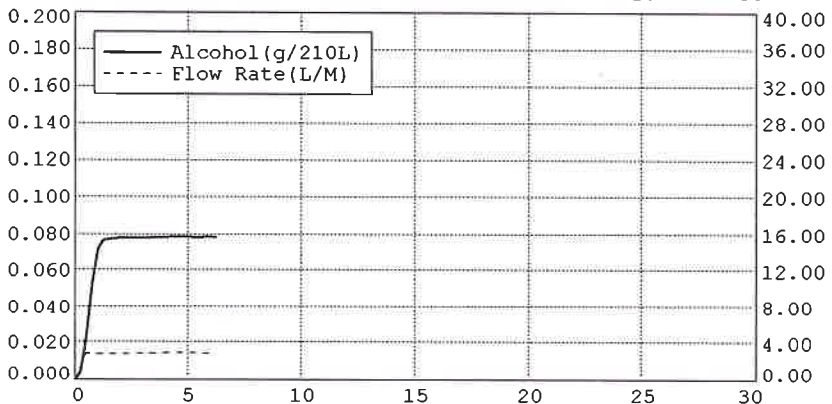
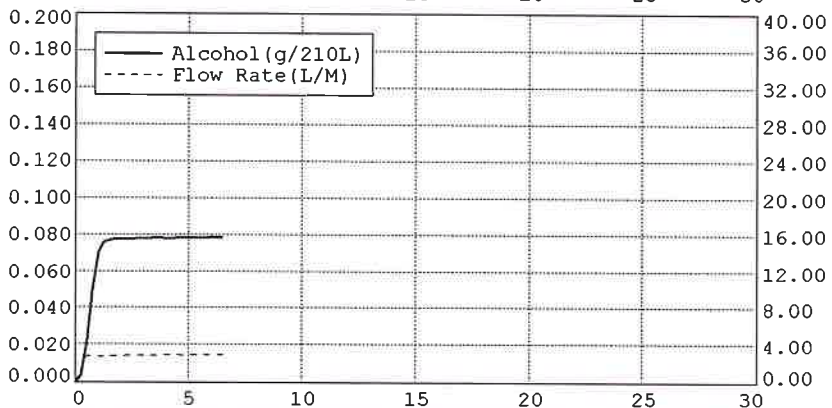
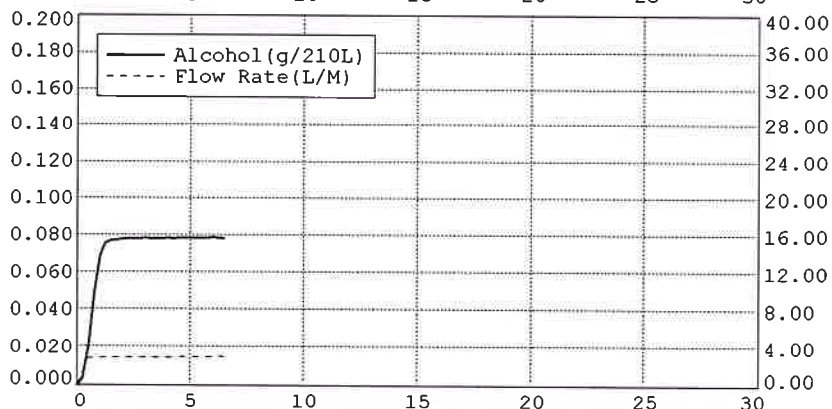
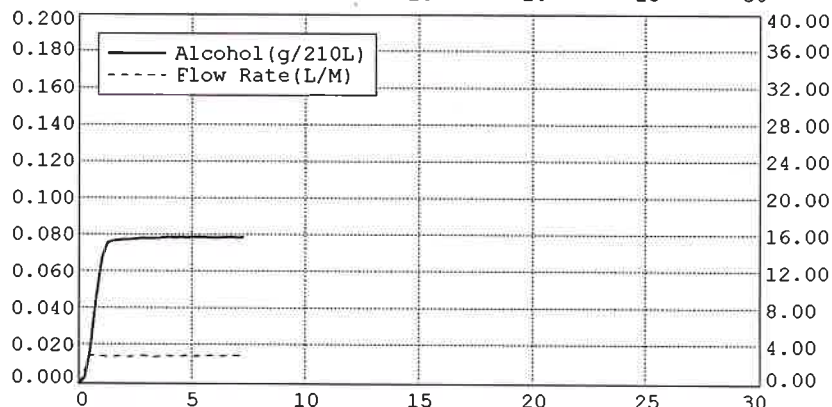
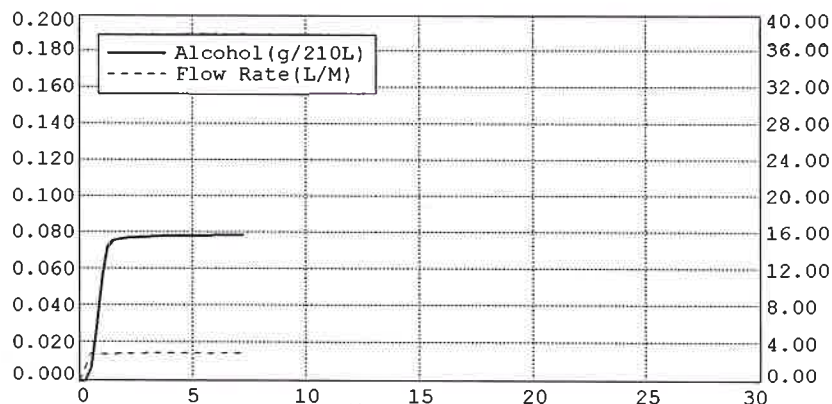
Date: 12/12/2025
Time: 09:11:46

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

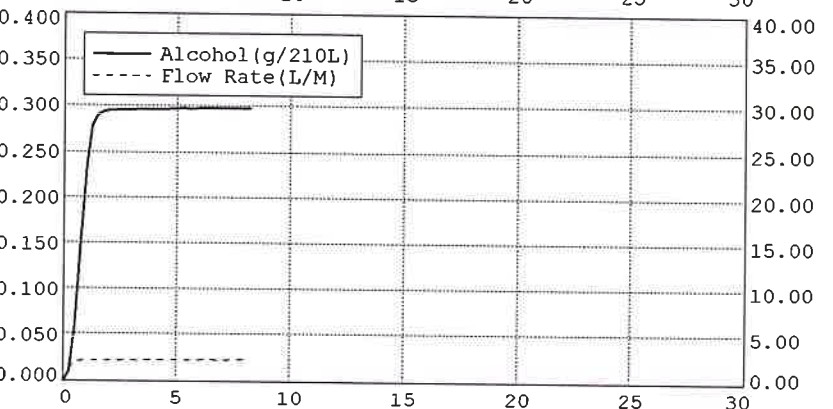
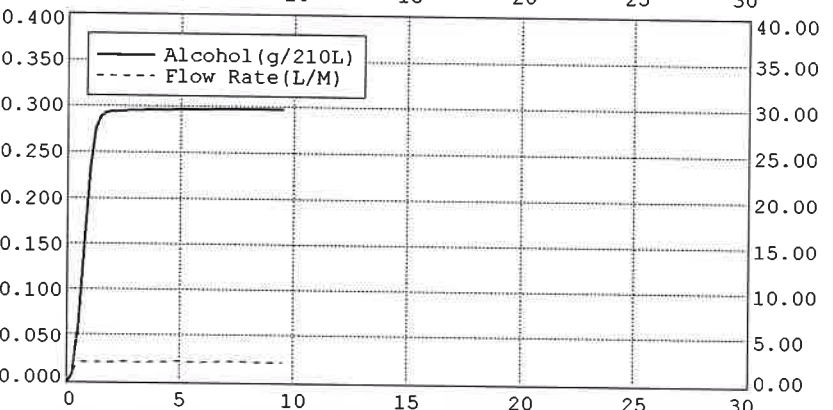
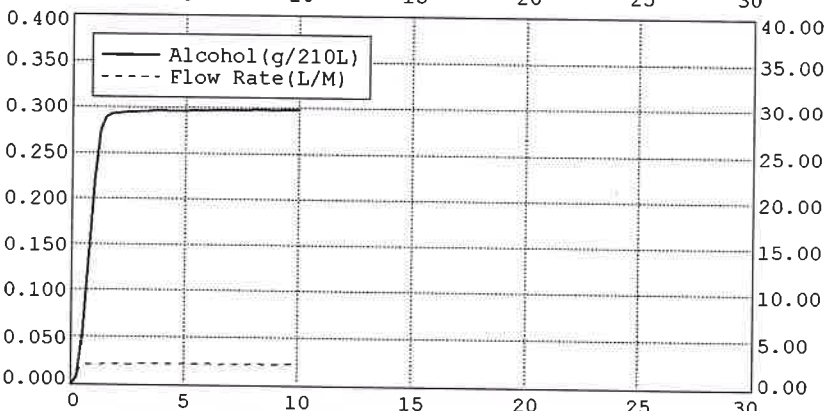
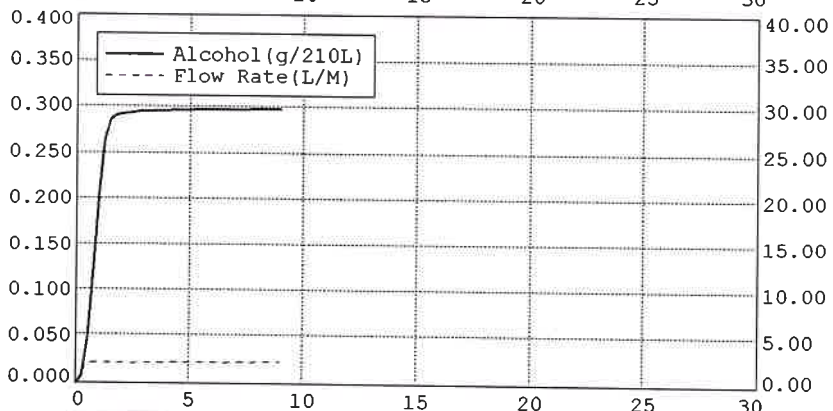
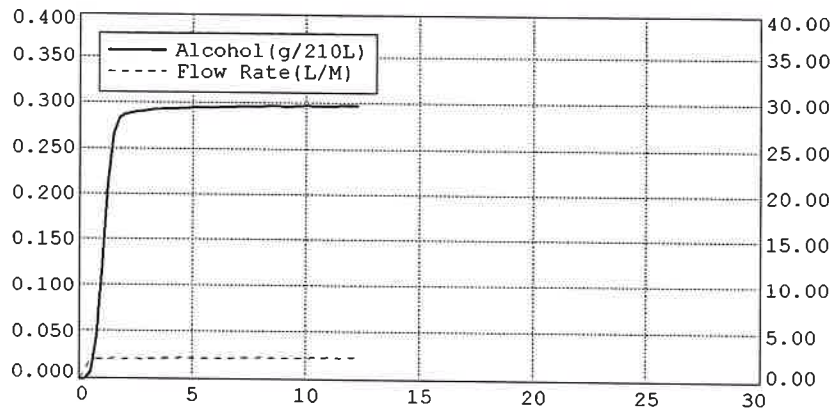
Date: 12/12/2025
Time: 09:27:46

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
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DETECTOR INFO

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

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.085 0.62% (0.00% - 4.00%)	PASSED
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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

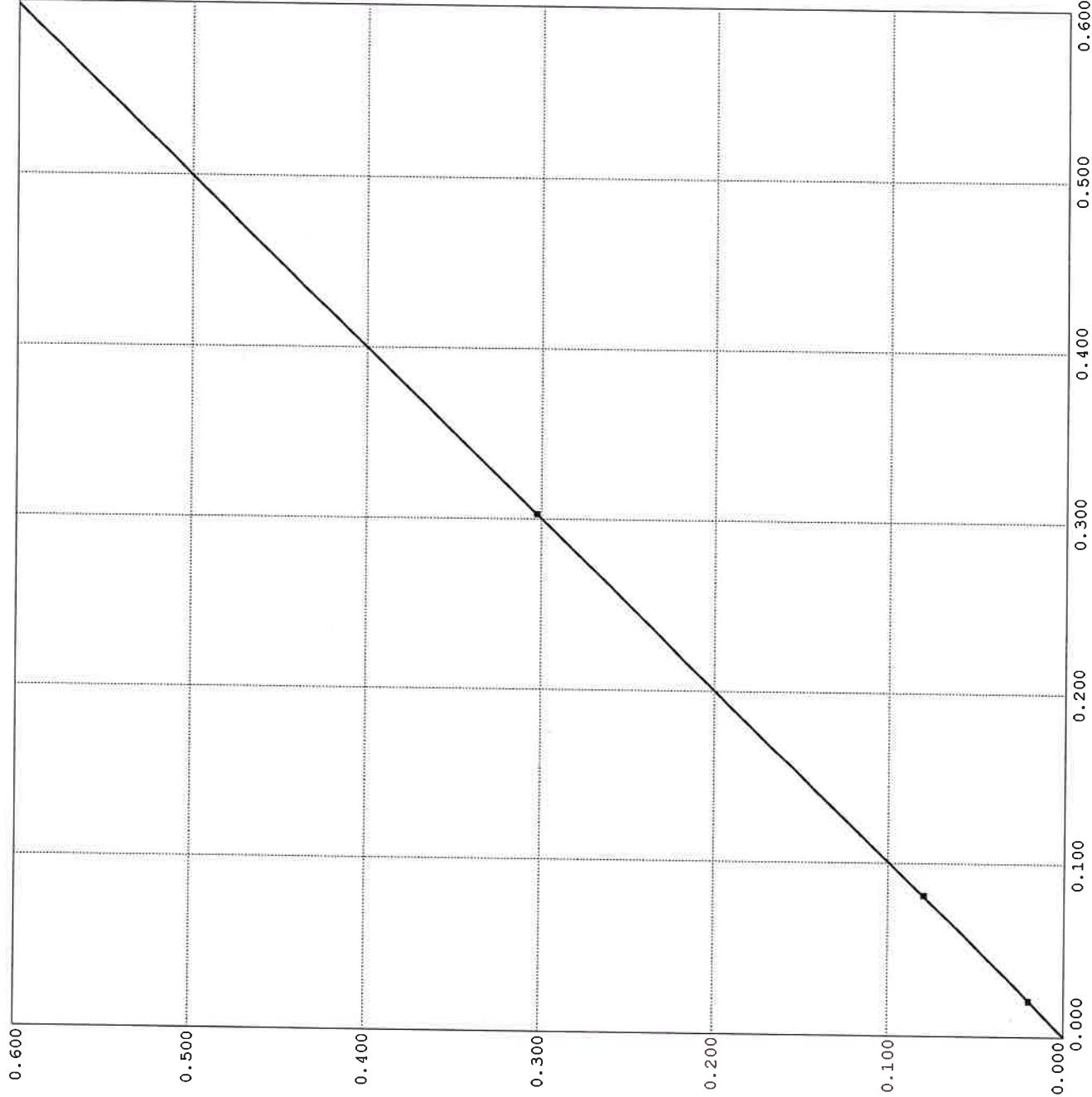
Date: 12/12/2025
 Time: 09:00:28

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
 R² = 0.999983

CMG



LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100399

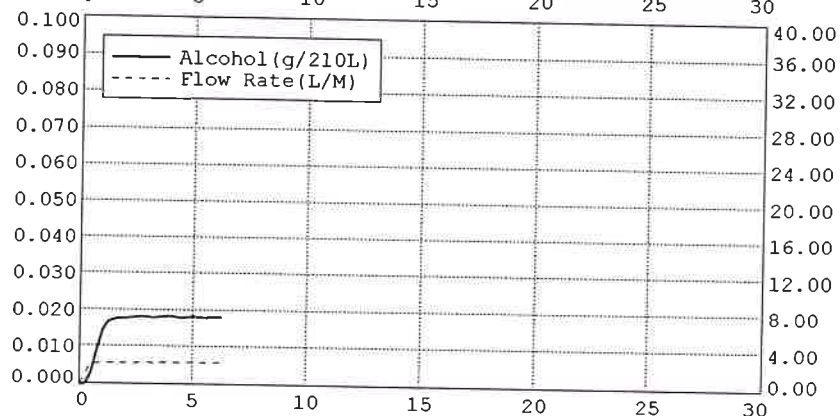
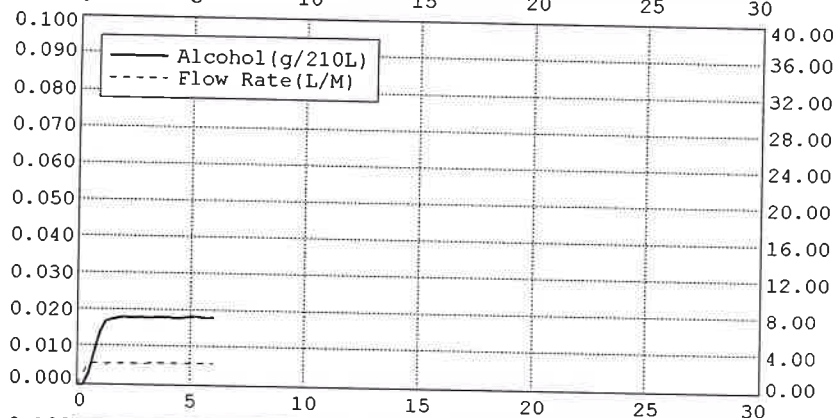
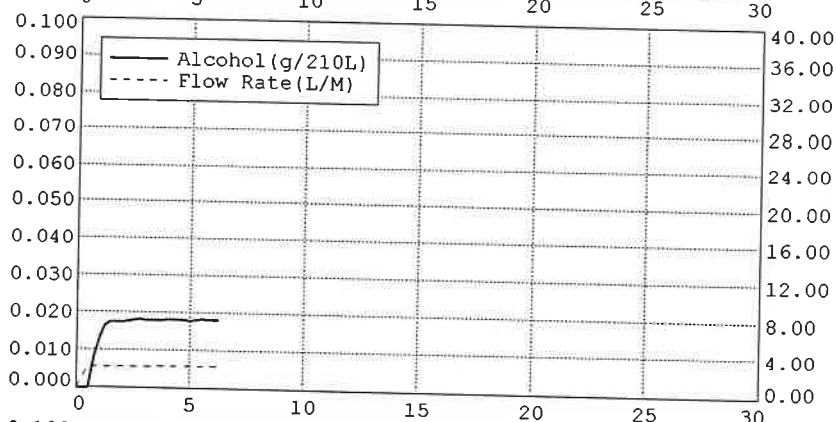
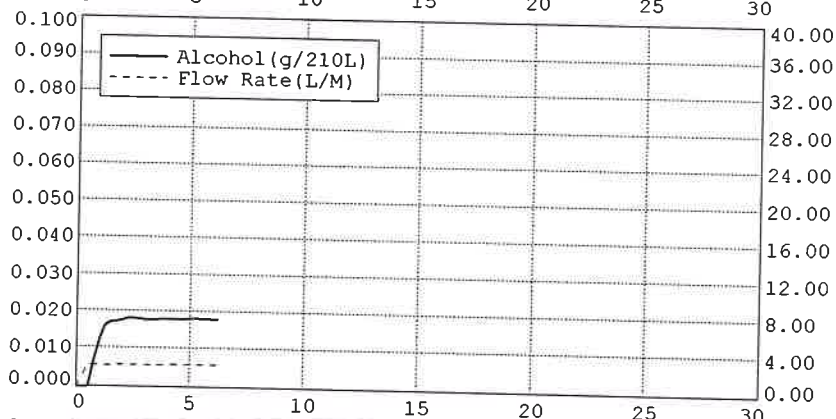
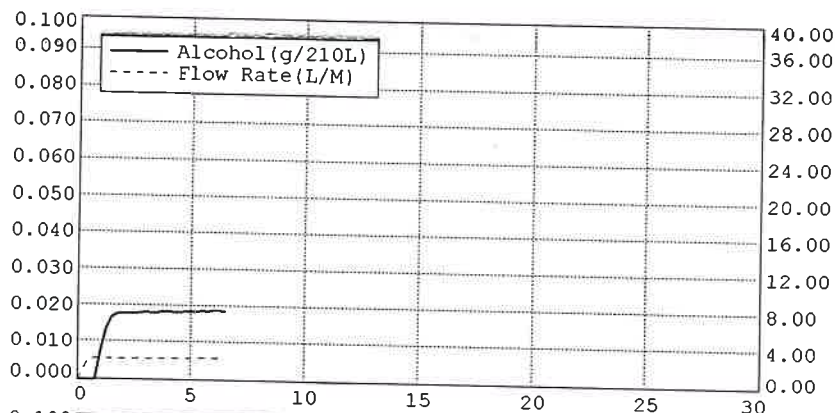
Date: 12/12/2025
Time: 09:00:30

EXTERNAL STANDARD INFORMATION

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

BLANK TEST	0.000	09:01
INTERNAL STANDARD	VERIFIED	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

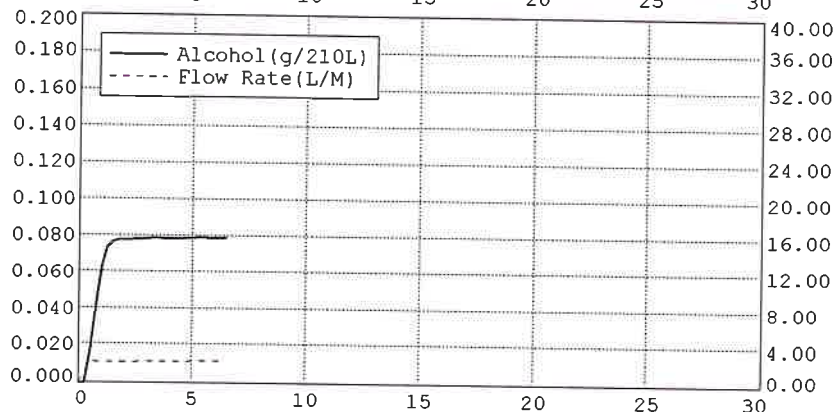
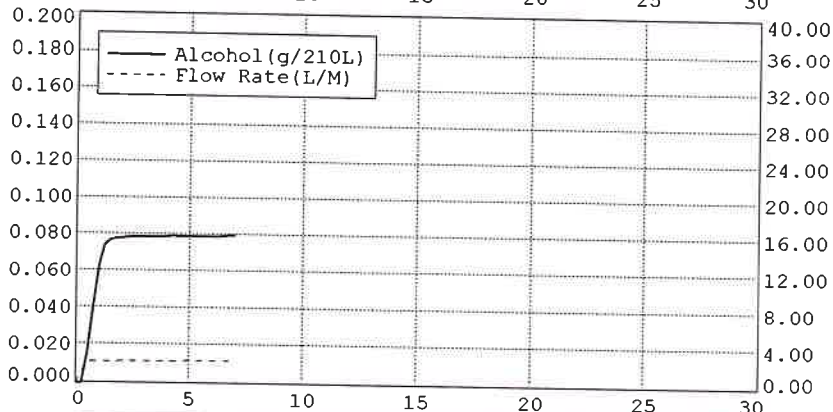
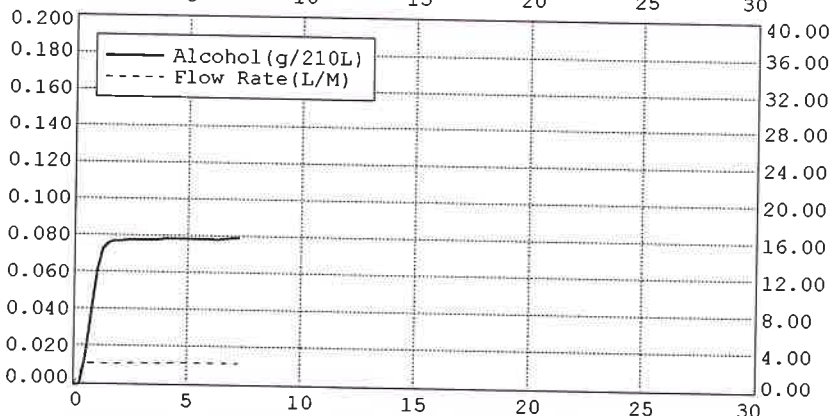
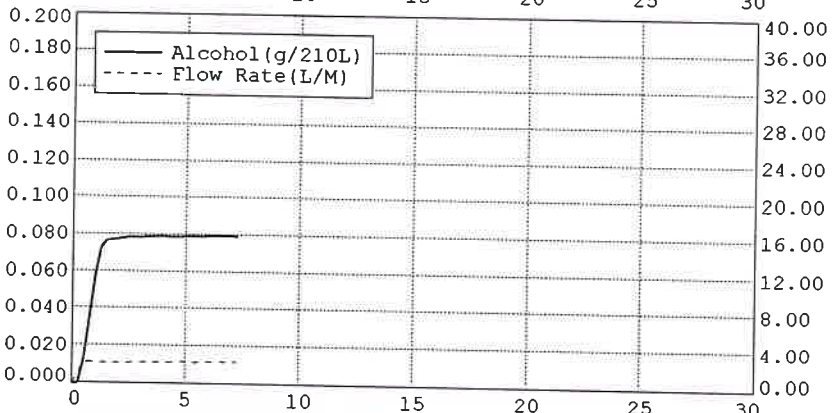
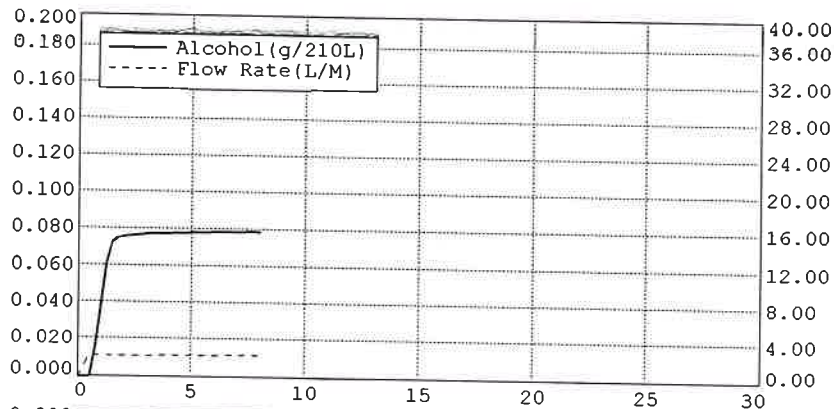
Date: 12/12/2025
Time: 09:09:05

EXTERNAL STANDARD INFORMATION

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

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

