

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

Effective: 1/18/2024

Version: 4.0

Instrument #: 100691

Analyst/Technician(s): Charlie Glaister

Start Date: 1/22/26

Date Instrument Received: 1/21/26

Reason for instrument evaluation

Preventative maintenance

Visual Inspection:

- | | |
|---|---|
| ☒ Clean | ☒ Replace missing screws |
| ☒ Cermetex Box (modem) is secure | ☒ Ensure modem cable present |
| ☒ Double Check Valve secured to wall | ☒ All tubing and connections secure |
| ☒ O-ring inspection and ensure 2 replacement O-rings in bag | |
| ☒ Attach VOC | ☒ VOC Internal Standard $\leq 3.00\%$ |
| ☒ Verify software version | |

Condition of item: ☒ No apparent damage ☐ Damaged

NOTE: As Found Linearity is required if the instrument is not damaged and the internal standard value is not more than 4.00%

As Found Conditions (if performed):

Barometric Pressure (inHg): 30.14 Temperature (C): 19.7 Relative Humidity (%) 8

Linearity Test Levels (g/210L): 0.020, 0.080, 0.300

Notes: _____

☒ Attach Non-Drinking Subject Test

Conclusion:

- | | |
|---|---------------------------------------|
| ☐ Ready for Adjustment | ☐ Needs Repair |
| ☒ Ready for Calibration | |

Lab Work End Date: 1/23/26

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100691

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 01/22/2026

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.32: 0.081
LOT #: AG436502
EXPIRATION: 12/30/2026
TANK PRESSURE: 1220 psi

BLANK TEST	0.000	15:43
INTERNAL STANDARD	VERIFIED	15:43
Xq = 0.104 (0.77%)		
EXTERNAL STANDARD	0.080	15:43
X[1] = 0.0801 (-0.0020) (0.0001)		
BLANK TEST	0.000	15:44
EXTERNAL STANDARD	0.080	15:44
X[1] = 0.0800 (-0.0020) (0.0002)		
BLANK TEST	0.000	15:45
EXTERNAL STANDARD	0.080	15:45
X[1] = 0.0801 (-0.0017) (-0.0003)		
BLANK TEST	0.000	15:46
EXTERNAL STANDARD	0.080	15:47
X[1] = 0.0803 (-0.0010) (-0.0004)		
BLANK TEST	0.000	15:47
EXTERNAL STANDARD	0.080	15:48
X[1] = 0.0801 (-0.0019) (-0.0005)		
BLANK TEST	0.000	15:49

Average = 0.0800
Std Dev = 0.0000

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.8°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 47.3°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.78 V	PASSED
(1.10 V - 2.56 V)	
Cooler Voltage = 1.82 V	PASSED
(1.09 V - 2.55 V)	
Bias Voltage = 80 V	PASSED
(48 V - 112 V)	
Chopper Freq = 503 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 30.3 in	

PUMP INFO

Flow Rate = 5.287 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
(0.001 V <= 0.010 V)	

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.104	0.68%	(0.00% - 4.00%)	PASSED
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LINEARITY CHECK

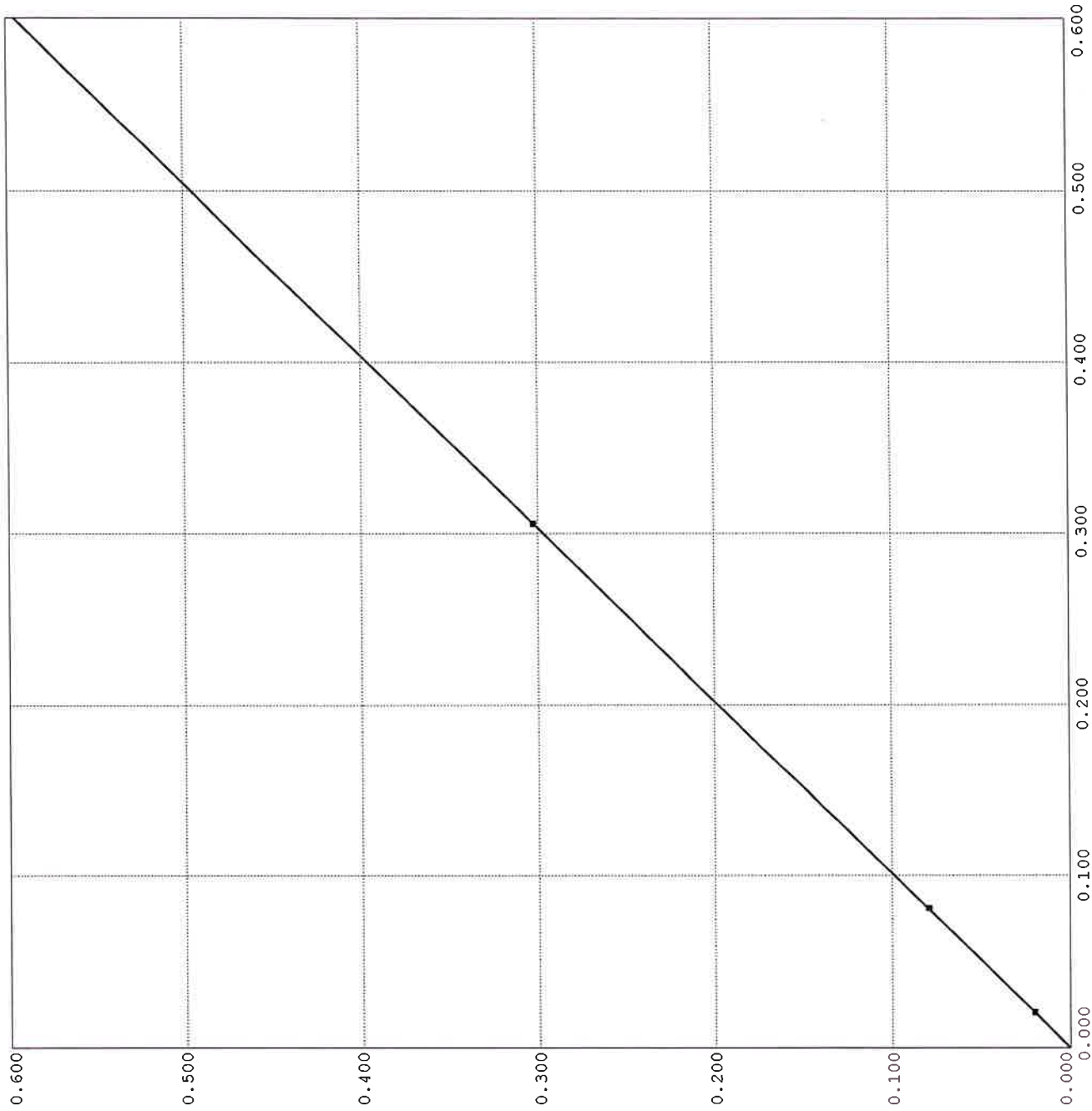
Alaska Department of Public Safety
 DATAMASTER dmt: 100691

Date: 01/23/2026
 Time: 08:25:46

SUPERVISOR NAME:
 CARLIE GLAISTER
 OPERATOR'S #: 10436

TARGET	AVERAGE	STD. DEV.
0.020	0.0206	0.0005
0.081	0.0804	0.0005
0.305	0.3032	0.0004

SLOPE = 0.992407
 R^2 = 0.999994



CUB

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety
DATAMASTER dmt: 100691

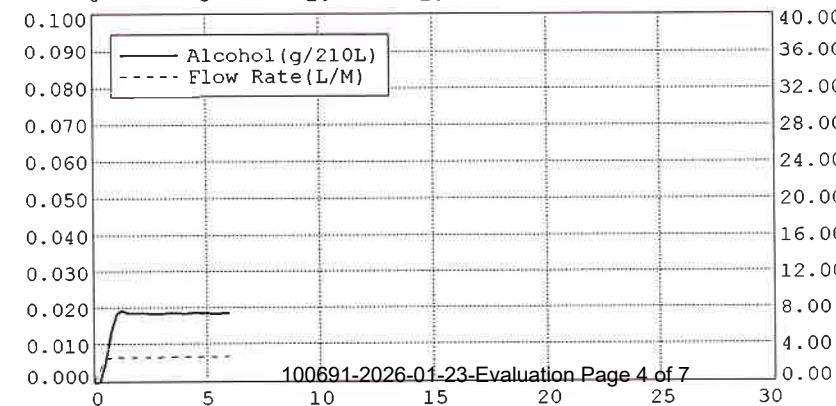
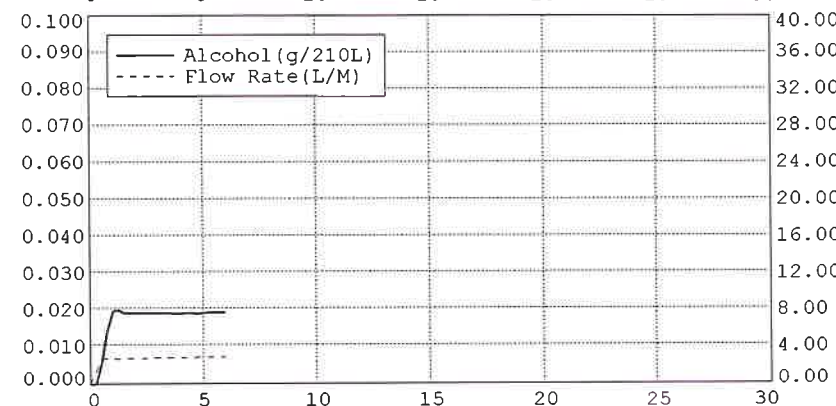
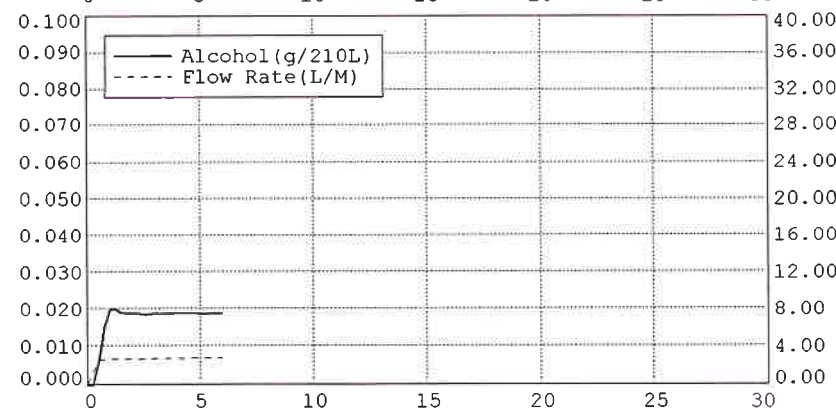
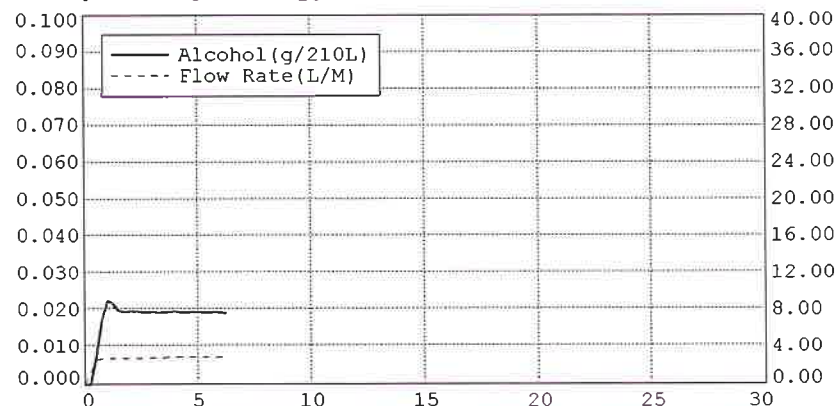
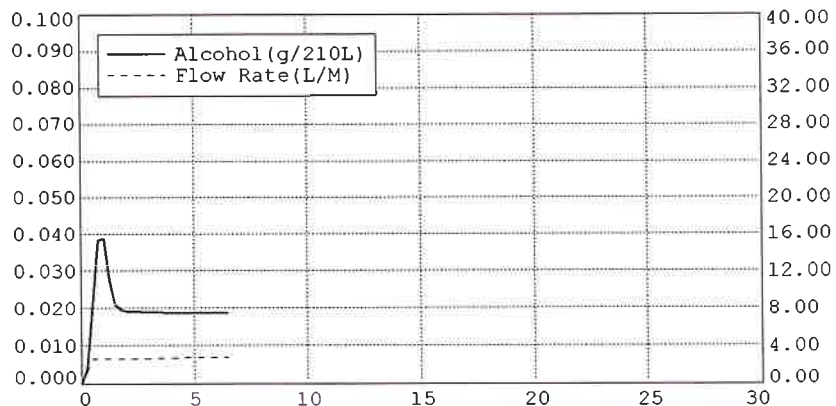
Date: 01/23/2026
Time: 08:25:49

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
TARGET AT 30.37: 0.020
LOT #: AG408002
EXPIRATION: 03/20/2026
TANK PRESSURE: 668 psi

BLANK TEST	0.000	08:27
INTERNAL STANDARD	VERIFIED	08:27
EXTERNAL STANDARD	0.020	08:27
BLANK TEST	0.000	08:28
EXTERNAL STANDARD	0.021	08:28
BLANK TEST	0.000	08:29
EXTERNAL STANDARD	0.021	08:29
BLANK TEST	0.000	08:30
EXTERNAL STANDARD	0.021	08:30
BLANK TEST	0.000	08:31
EXTERNAL STANDARD	0.020	08:31
BLANK TEST	0.000	08:32

Average = 0.0206
Std Dev = 0.0005



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety
DATAMASTER dmt: 100691

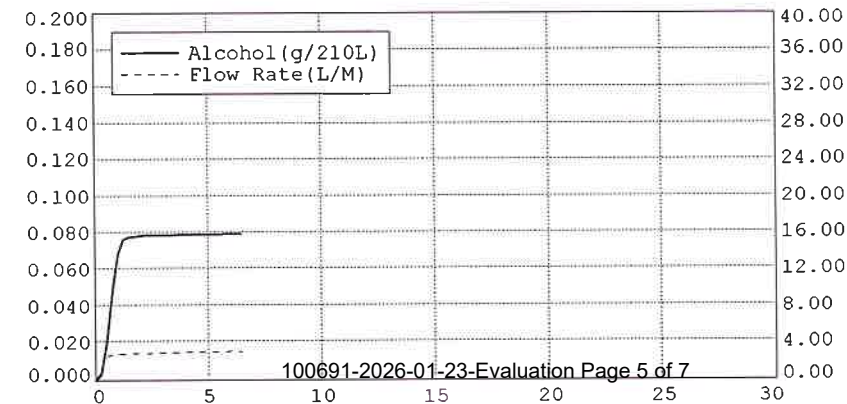
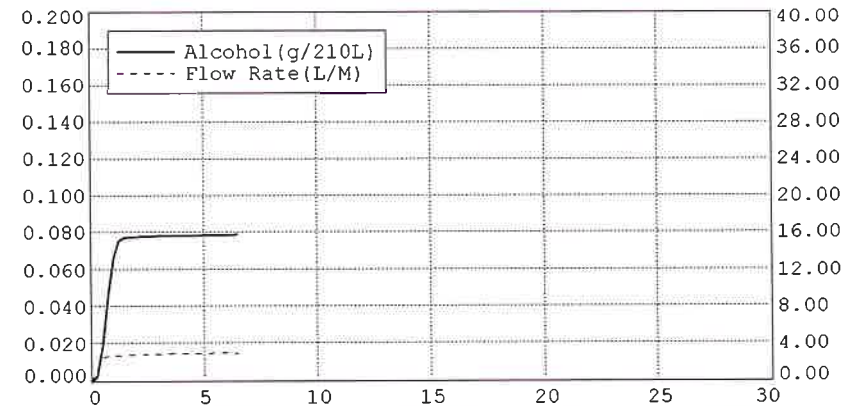
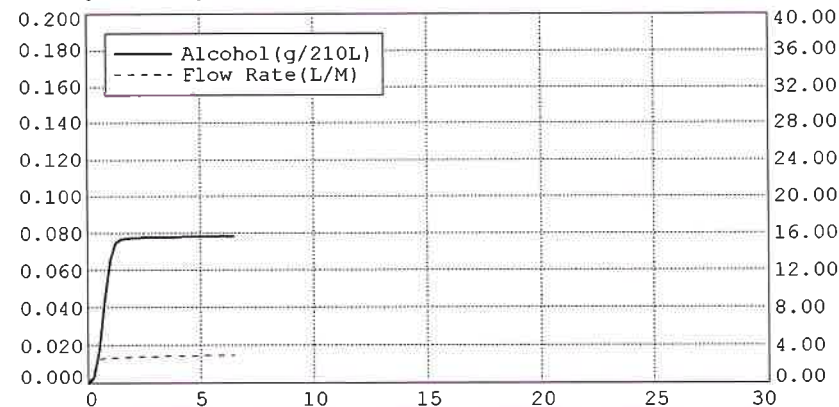
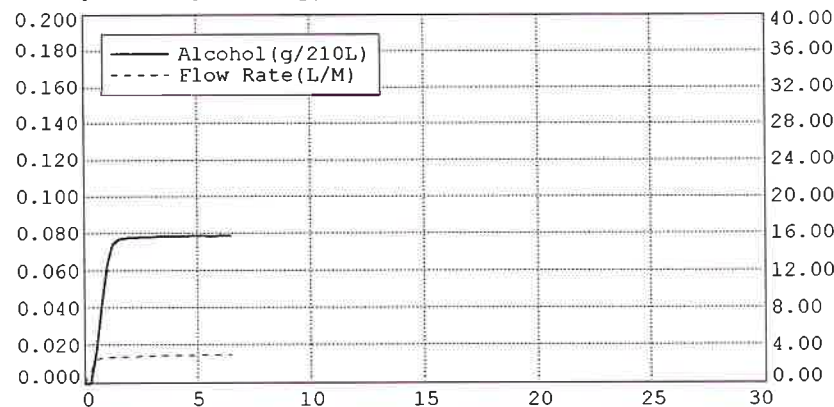
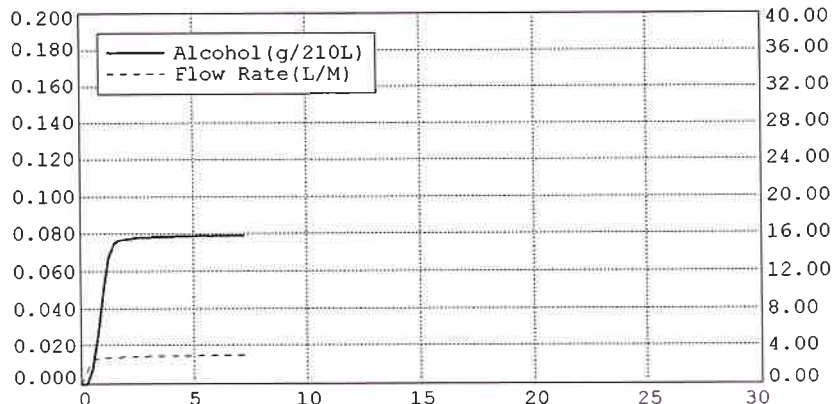
Date: 01/23/2026
Time: 08:33:33

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.37: 0.081
LOT #: AG436502
EXPIRATION: 12/30/2026
TANK PRESSURE: 1205 psi

BLANK TEST	0.000	08:34
INTERNAL STANDARD	VERIFIED	08:34
EXTERNAL STANDARD	0.081	08:35
BLANK TEST	0.000	08:36
EXTERNAL STANDARD	0.080	08:36
BLANK TEST	0.000	08:37
EXTERNAL STANDARD	0.080	08:37
BLANK TEST	0.000	08:38
EXTERNAL STANDARD	0.080	08:38
BLANK TEST	0.000	08:39
EXTERNAL STANDARD	0.081	08:39
BLANK TEST	0.000	08:40

Average = 0.0804
Std Dev = 0.0005



LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety
DATAMASTER dmt: 100691

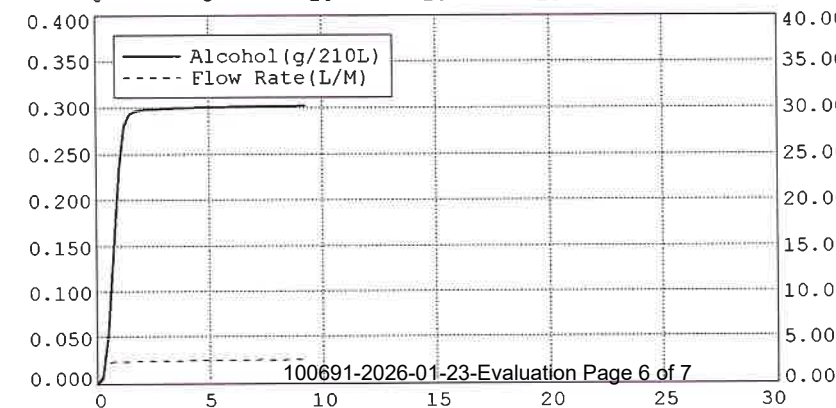
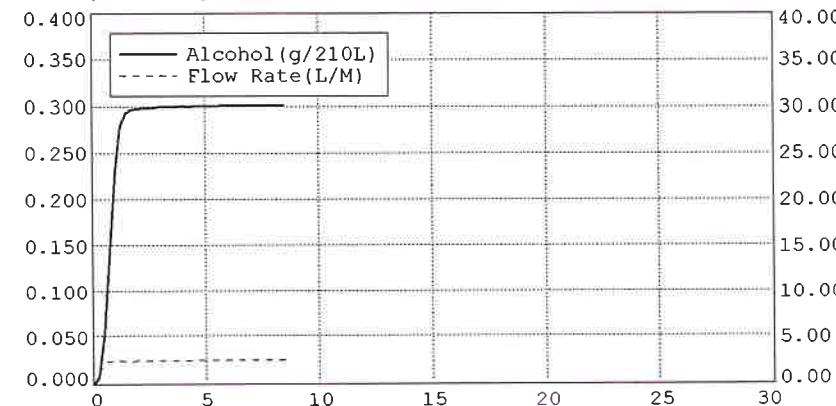
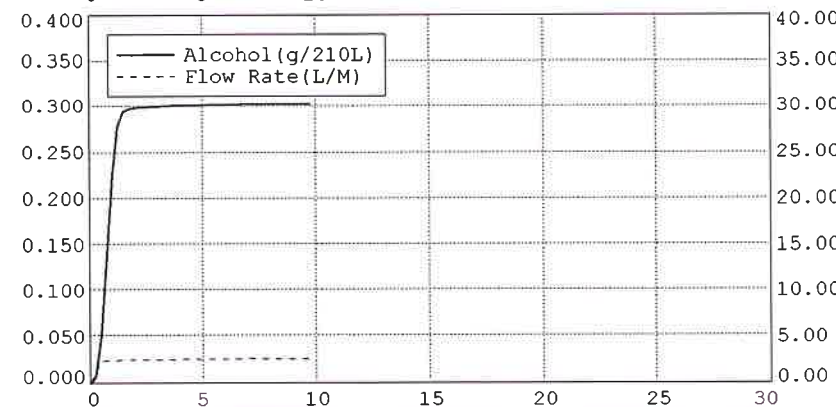
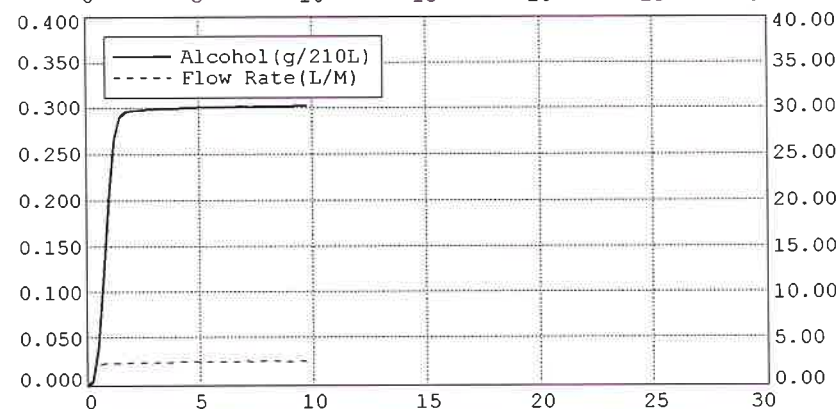
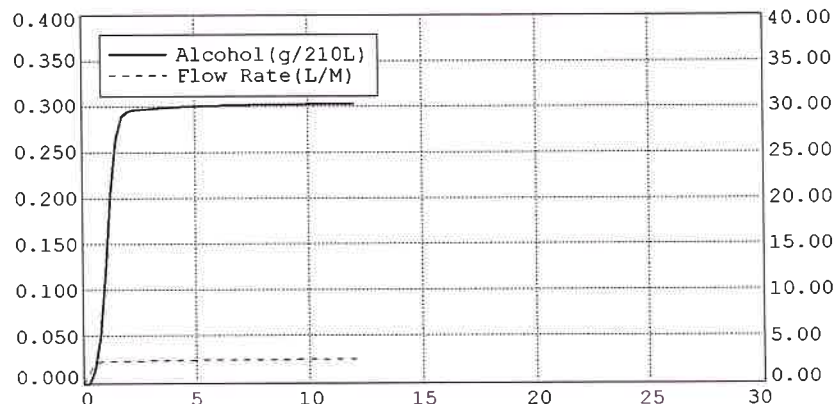
Date: 01/23/2026
Time: 08:42:27

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.300
TARGET AT 30.37: 0.305
LOT #: AG427706
EXPIRATION: 10/03/2026
TANK PRESSURE: 228 psi

BLANK TEST	0.000	08:43
INTERNAL STANDARD	VERIFIED	08:43
EXTERNAL STANDARD	0.304	08:44
BLANK TEST	0.000	08:45
EXTERNAL STANDARD	0.303	08:45
BLANK TEST	0.000	08:46
EXTERNAL STANDARD	0.303	08:46
BLANK TEST	0.000	08:47
EXTERNAL STANDARD	0.303	08:47
BLANK TEST	0.000	08:48
EXTERNAL STANDARD	0.303	08:48
BLANK TEST	0.000	08:49

Average = 0.3032
Std Dev = 0.0004



SUBJECT TEST

Alaska Department of Public Safety

DATA MASTER dmt: 100691

Date: 01/23/2026
Time: 08:55:45

SUBJECT NAME:
TEST TEST
LICENSE #: XXXX

OPERATOR NAME:
CARLIE GLAISTER
OPERATOR'S #: 10436

DEPT/AGENCY:
NON-DRINKING SUBJECT TEST
CASE/REPORT: XXXX
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 30.37: 0.081
LOT #: AG436502
EXPIRATION: 12/30/2026

DIAGNOSTIC CHECK	PASSED	08:56
BLANK TEST	0.000	08:56
INTERNAL STANDARD	VERIFIED	08:57
EXTERNAL STANDARD	0.081	08:57
BLANK TEST	0.000	08:58
SUBJECT SAMPLE (Vol=2.00L)	0.000	08:58
BLANK TEST	0.000	08:59
EXTERNAL STANDARD	0.081	08:59
BLANK TEST	0.000	09:00

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