

# Alaska Scientific Crime Detection Laboratory

## DataMaster Certification Form

Issued: 05/15/2020  
Effective: 05/15/2020

Version: DMCEF 2020 R0  
Status: Active

Instrument S/N 100358 Analyst Derek Walton Start Date DMV 04/22/21  
04/22/21

Diagnostic Test (attached)

Internal Standard value  $\leq 3.00\%$

### Voltage Checks

Adjust voltages, if needed

i. Lamp (2.6V Maximum)

ii. Bias

iii. Cooler (2.0V Maximum)

iv. Chopper Frequency

v. Detector Voltage (-0.100V to 0.100V)

Set RFI

Adjust barometer reading to match NIST traceable barometer

Adjust volume setting, if needed (1.5L +/- 0.1L)

Print Technician Screen (attached)

Print Calibration Factors (attached)

Volume Test - Minimum 1.5 L (1.3L to 1.7L)

### Linearity Test (attached)

#### Levels Used

i. 0.020g/210L Mnf Airgas Lot AG928203 Exp 10/09/21

ii. 0.040g/210L Mnf Airgas Lot AG915607 Exp 06/05/21

iii. 0.080g/210L Mnf Airgas Lot AG018102 Exp 06/29/22

iv. 0.100g/210L Mnf Airgas Lot AG924701 Exp 09/04/21

v. 0.200g/210L Mnf Autn Lot 19200 Exp 08/06/21

Simulator S/N DR4161 Date Calibrated 05/08/20

vi. 0.300g/210L Mnf Autn Lot 19330 Exp 11/13/21

Simulator S/N DK5298 Date Calibrated 05/08/20

### Functional Tests (attached)

Incomplete

Invalid

Interference

i. Acetone - Mnf Autn Lot 19301 Level 0.100 Exp 10/30/21

Simulator S/N SD1202 Date Calibrated 05/08/20

ii. Isopropanol - Mnf Autn Lot 19301 Level 0.100 Exp 10/30/21

Simulator S/N SD1177 Date Calibrated 05/07/20

iii. Negative Control - Mnf Autn Lot 19301 Level 0.100 Exp 10/30/21

Simulator S/N DR6267 Date Calibrated 11/17/20

Exceeded Attempts

RFI

Verify stylus is calibrated

Reset Options

Clear Memory

Remove tank prior to shut down

Verification of Calibration

Non-Drinking Subject Test (attached)

Upload

Add Linearity Data to Spreadsheet

End Date 04/23/21

DIAGNOSTIC RECORD

-----  
Alaska Department of Public Safety  
DATAMASTER dmt: 100358  
-----

Date: 04/22/2021  
Time: 12:33:58

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       = 46.4°C                PASSED  
(38.0°C - 50.0°C)

SETTINGS

Lamp Voltage     = 1.70 V                PASSED  
(1.00 V - 2.34 V)  
Cooler Voltage   = 1.71 V                PASSED  
(1.00 V - 2.32 V)  
Bias Voltage      = 80 V                   PASSED  
(48 V - 112 V)  
Chopper Freq     = 523 Hz                PASSED  
(475 Hz - 575 Hz)  
Barometer         = 29.9 in

PUMP INFO

Flow Rate = 4.885 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 = 0.098 0.36% (0.00% - 4.00%)                    PASSED

Technician Screen

-----  
DATAMASTER dmt: 100358  
-----

Date: 04/22/2021  
Time: 12:43 PM

Temperatures (°C)  
Sample Cell: 48.9°C  
Breath Tube: 46.4°C

Current Barometer 29.9 in  
Volume (Ltr) 1.48

Settings  
Lamp: 1.68 V  
Bias: 80 V  
Cooler: 1.63 V  
Chopper: 526 Hz

Voltages (V)  
Flow: 1.04 V  
Detector: -0.089 V

CALIBRATION FACTORS

-----  
Alaska Department of Public Safety  
DATAMASTER dmt: 100358  
-----

Date: 03/16/2021  
Time: 07:11:02

OPERATOR NAME:  
ST LOUIS INTOX A TECH  
CERTIFICATE #: OU812

Ca = 0.1000  
CAL = 1.026087    0.800 <= CAL < 1.200  
b1 = 0.0008    0.0000 <= b1 < 0.0040  
b2 = 0.0073    0.0010 <= b2 < 0.0100  
b3 = 0.0013    0.0000 <= b3 < 0.0040  
Xq = 0.0981    0.0500 <= Xq < 0.2000  
a21 = 1.202180    1.050 <= a21 < 1.300  
a31 = 0.425529    0.300 <= a31 < 0.800

SUBJECT TEST

Alaska Department of Public Safety  
DATAMASTER dmt: 100358

Date: 04/22/2021  
Time: 12:45:04

SUBJECT NAME:  
TEST TEST  
LICENSE #: XXXX

OPERATOR NAME:  
DEREK WALTON  
OPERATOR'S #: 9508

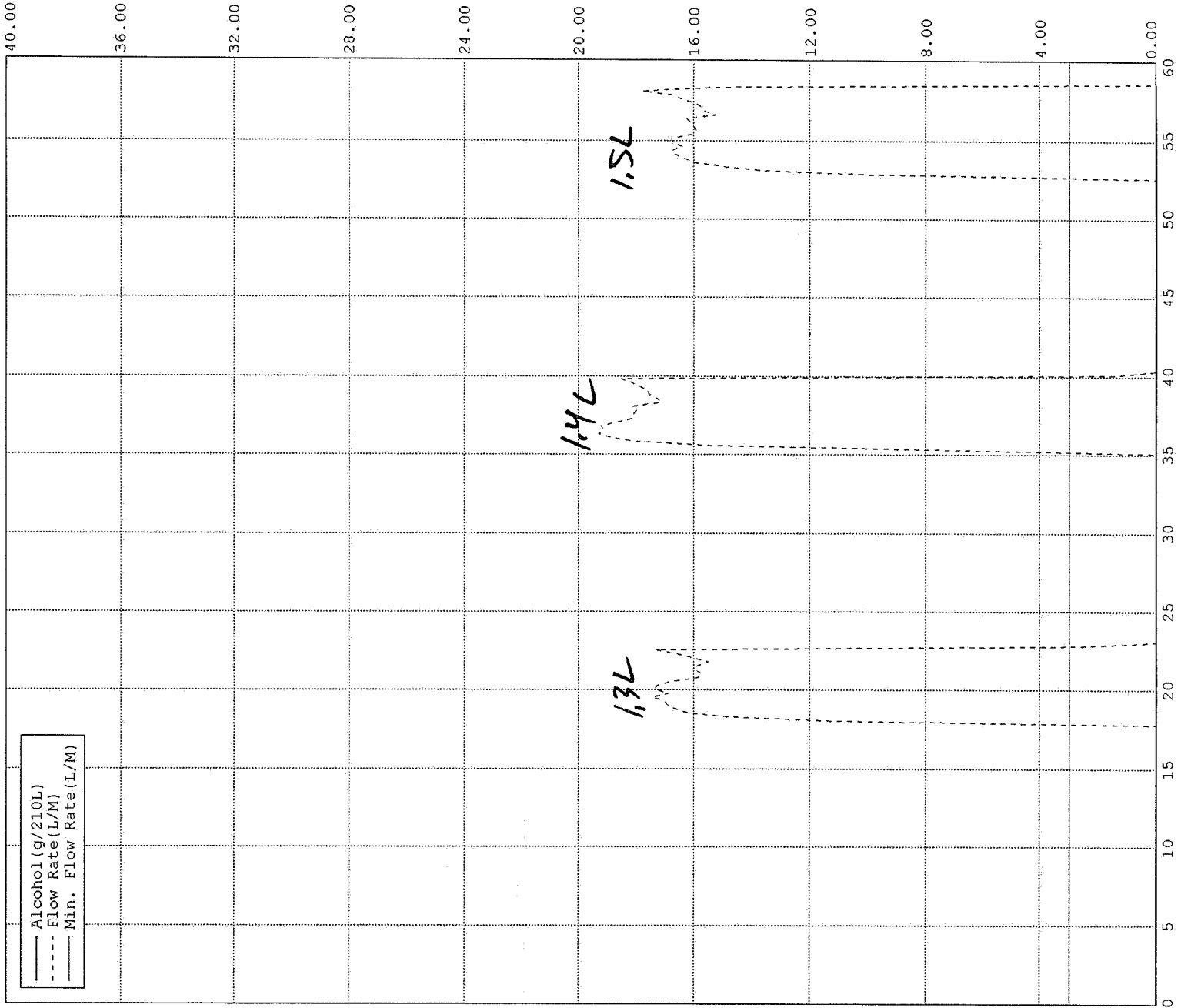
DEPT/AGENCY:  
MINIMUM VOLUME  
CASE/REPORT: XXXX  
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 29.89: 0.080  
LOT #: AG018102  
EXPIRATION: 06/29/2022

|                            |          |       |
|----------------------------|----------|-------|
| DIAGNOSTIC CHECK           | PASSED   | 12:46 |
| BLANK TEST                 | 0.000    | 12:46 |
| INTERNAL STANDARD          | VERIFIED | 12:46 |
| EXTERNAL STANDARD          | 0.080    | 12:46 |
| BLANK TEST                 | 0.000    | 12:47 |
| SUBJECT SAMPLE (Vol=1.52L) | 0.000    | 12:48 |
| BLANK TEST                 | 0.000    | 12:49 |
| EXTERNAL STANDARD          | 0.080    | 12:49 |
| BLANK TEST                 | 0.000    | 12:50 |

*DW*



LINEARITY CHECK

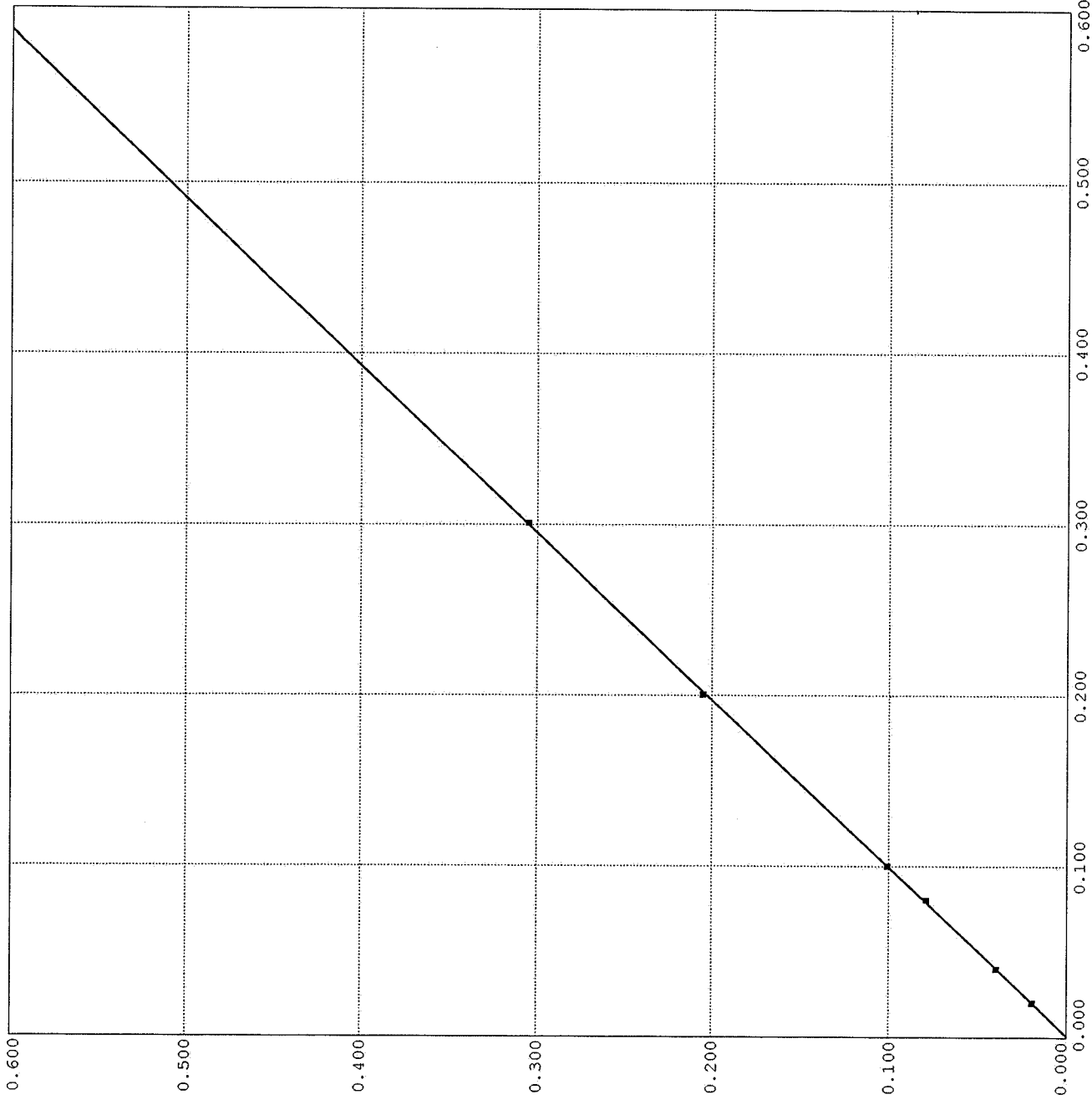
-----  
 Alaska Department of Public Safety  
 DATAMASTER dmt: 100358  
 -----

Date: 04/22/2021  
 Time: 12:55:01

SUPERVISOR NAME:  
 DEREK WALTON  
 OPERATOR'S #: 9508

| TARGET | AVERAGE | STD. DEV. |
|--------|---------|-----------|
| 0.020  | 0.0202  | 0.0004    |
| 0.040  | 0.0406  | 0.0005    |
| 0.080  | 0.0800  | 0.0000    |
| 0.100  | 0.1018  | 0.0004    |
| 0.200  | 0.2058  | 0.0004    |
| 0.300  | 0.3056  | 0.0005    |

SLOPE = 1.023127  
 R<sup>2</sup> = 0.999909



*Handwritten signature*

LINEARITY CHECK: Control Test 1

Alaska Department of Public Safety  
DATAMASTER dmt: 100358

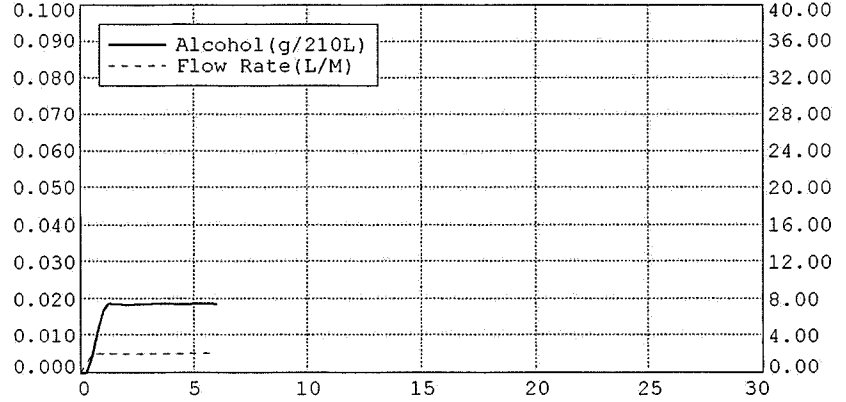
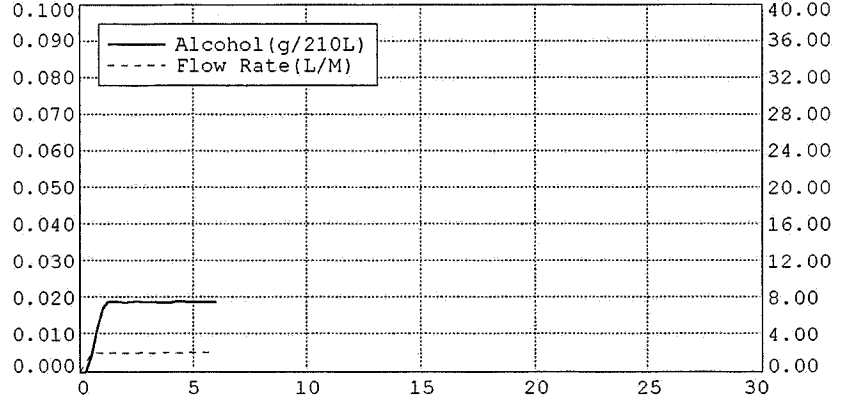
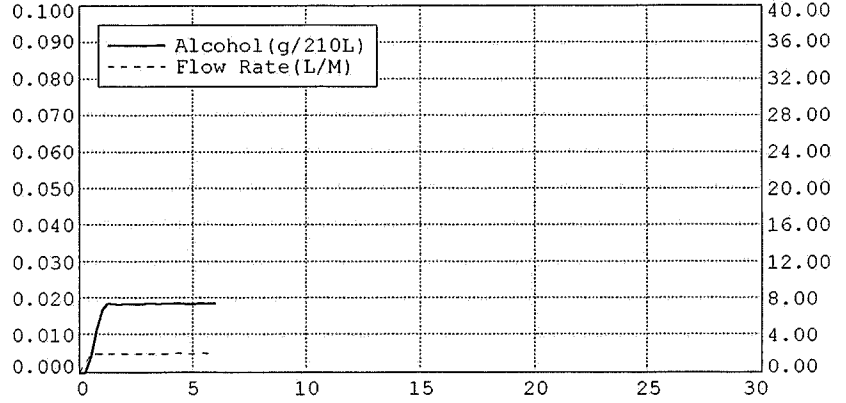
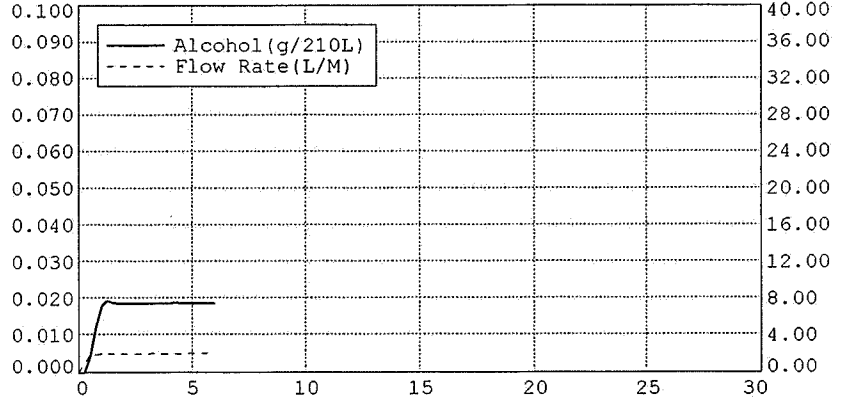
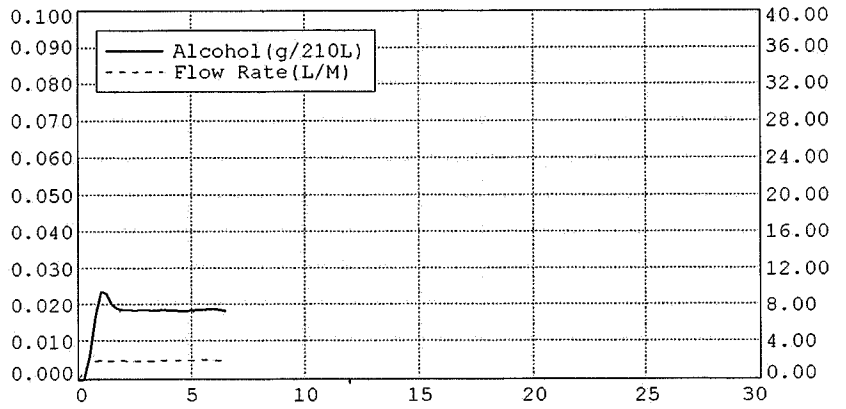
Date: 04/22/2021  
Time: 12:55:02

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020  
TARGET AT 29.88: 0.020  
LOT #: AG928203  
EXPIRATION: 10/09/2021  
TANK PRESSURE: 582 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 12:56 |
| INTERNAL STANDARD | VERIFIED | 12:56 |
| EXTERNAL STANDARD | 0.020    | 12:56 |
| BLANK TEST        | 0.000    | 12:57 |
| EXTERNAL STANDARD | 0.020    | 12:57 |
| BLANK TEST        | 0.000    | 12:58 |
| EXTERNAL STANDARD | 0.020    | 12:59 |
| BLANK TEST        | 0.000    | 12:59 |
| EXTERNAL STANDARD | 0.021    | 13:00 |
| BLANK TEST        | 0.000    | 13:01 |
| EXTERNAL STANDARD | 0.020    | 13:01 |
| BLANK TEST        | 0.000    | 13:02 |

Average = 0.0202  
Std Dev = 0.0004



LINEARITY CHECK: Control Test 2

Alaska Department of Public Safety  
DATAMASTER dmt: 100358

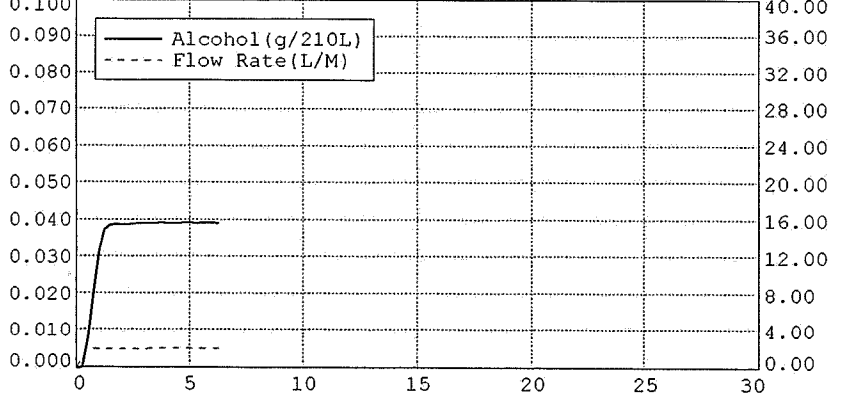
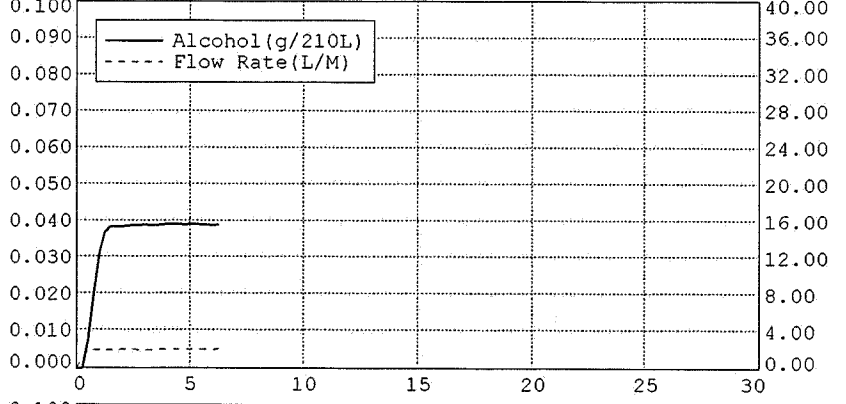
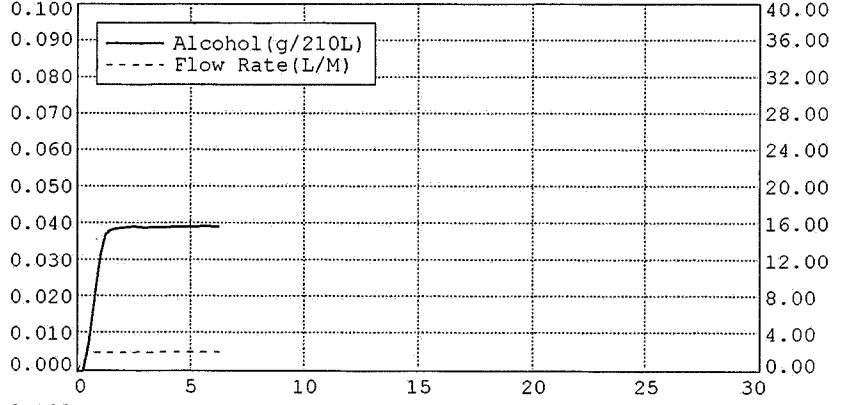
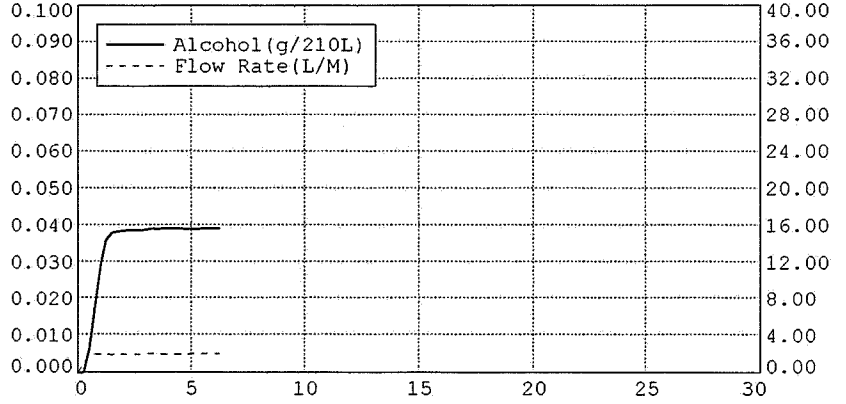
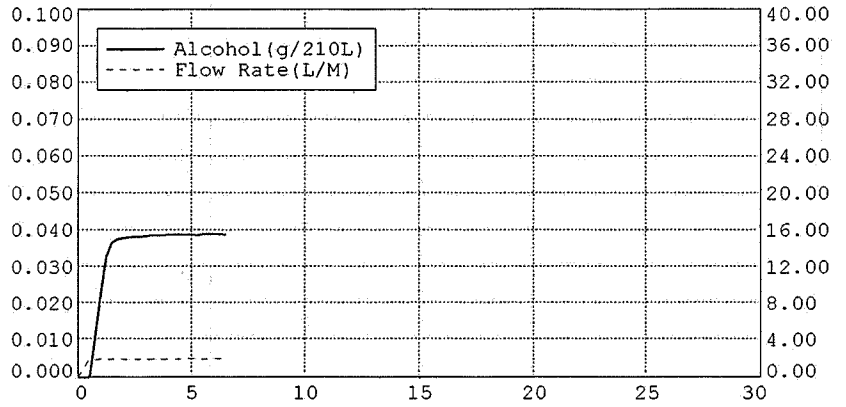
Date: 04/22/2021  
Time: 13:09:00

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.040  
TARGET AT 29.89: 0.040  
LOT #: AG915607  
EXPIRATION: 06/05/2021  
TANK PRESSURE: 338 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 13:11 |
| INTERNAL STANDARD | VERIFIED | 13:11 |
| EXTERNAL STANDARD | 0.040    | 13:11 |
| BLANK TEST        | 0.000    | 13:12 |
| EXTERNAL STANDARD | 0.040    | 13:12 |
| BLANK TEST        | 0.000    | 13:13 |
| EXTERNAL STANDARD | 0.041    | 13:13 |
| BLANK TEST        | 0.000    | 13:14 |
| EXTERNAL STANDARD | 0.041    | 13:14 |
| BLANK TEST        | 0.000    | 13:15 |
| EXTERNAL STANDARD | 0.041    | 13:16 |
| BLANK TEST        | 0.000    | 13:16 |

Average = 0.0406  
Std Dev = 0.0005





LINEARITY CHECK: Control Test 3

Alaska Department of Public Safety  
 DATAMASTER dmt: 100358

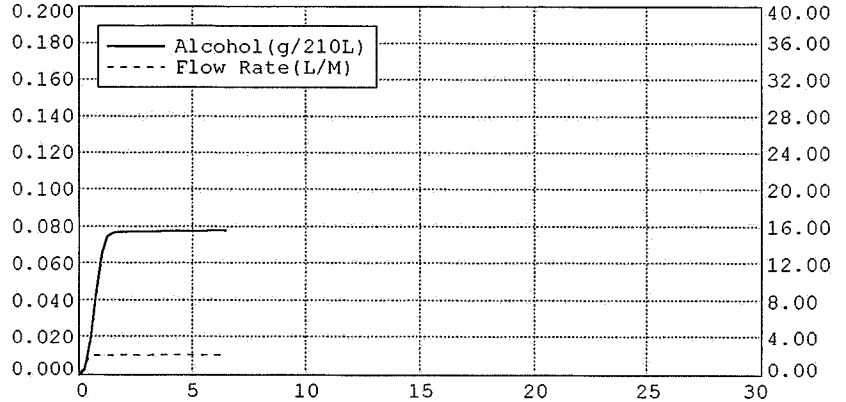
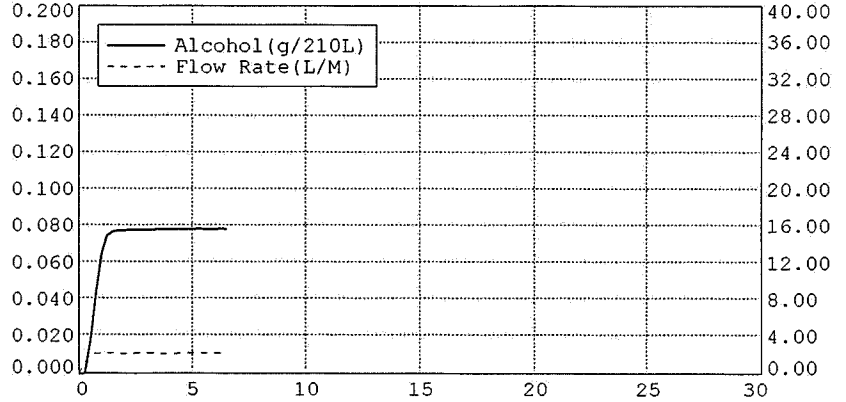
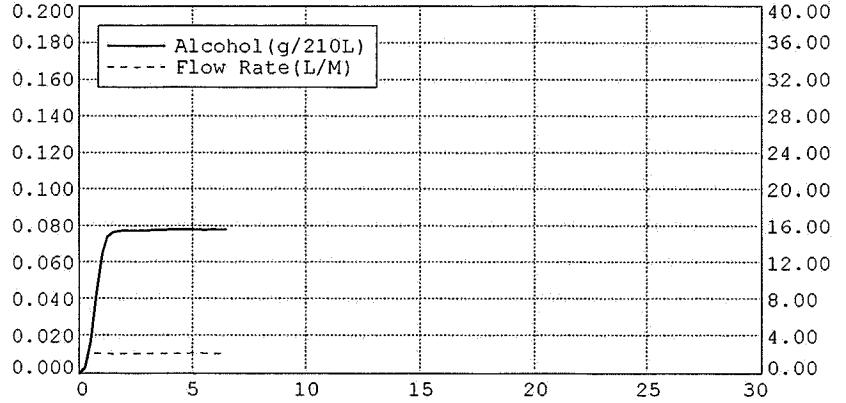
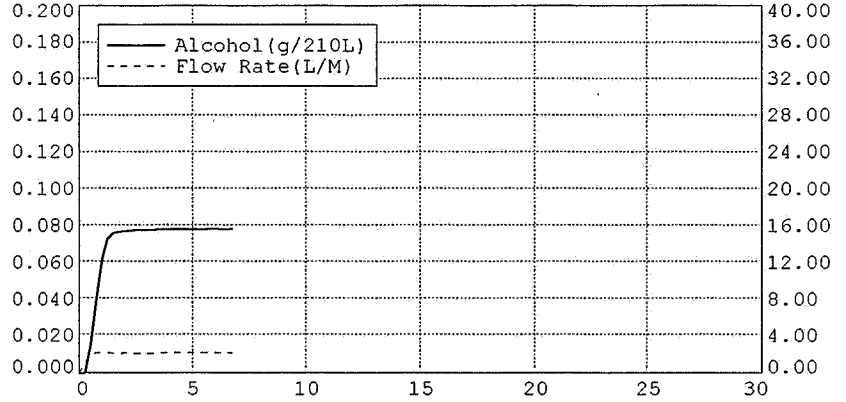
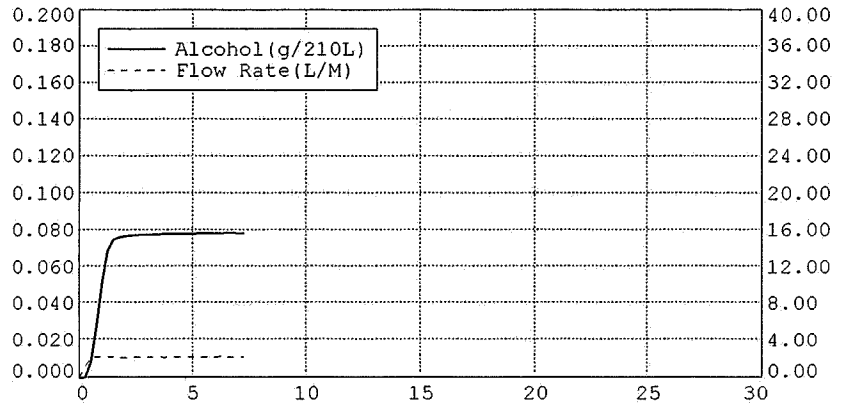
Date: 04/22/2021  
 Time: 13:17:36

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
 TARGET AT 29.88: 0.080  
 LOT #: AG018102  
 EXPIRATION: 06/29/2022  
 TANK PRESSURE: 876 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 13:18 |
| INTERNAL STANDARD | VERIFIED | 13:18 |
| EXTERNAL STANDARD | 0.080    | 13:19 |
| BLANK TEST        | 0.000    | 13:20 |
| EXTERNAL STANDARD | 0.080    | 13:20 |
| BLANK TEST        | 0.000    | 13:21 |
| EXTERNAL STANDARD | 0.080    | 13:21 |
| BLANK TEST        | 0.000    | 13:22 |
| EXTERNAL STANDARD | 0.080    | 13:22 |
| BLANK TEST        | 0.000    | 13:23 |
| EXTERNAL STANDARD | 0.080    | 13:23 |
| BLANK TEST        | 0.000    | 13:24 |

Average = 0.0800  
 Std Dev = 0.0000



LINEARITY CHECK: Control Test 4

Alaska Department of Public Safety  
DATAMASTER dmt: 100358

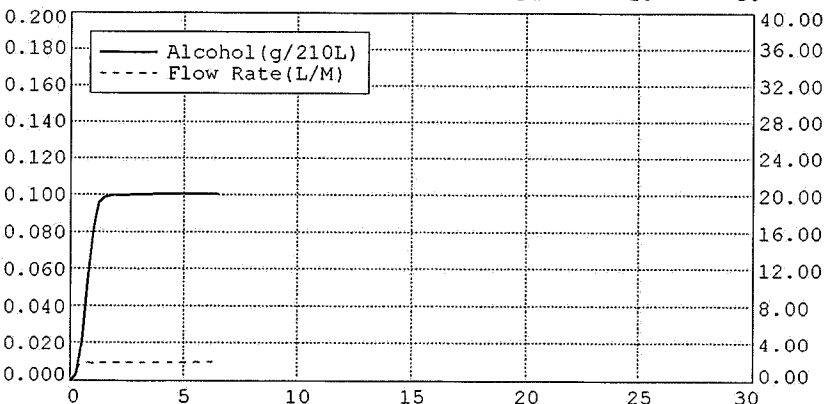
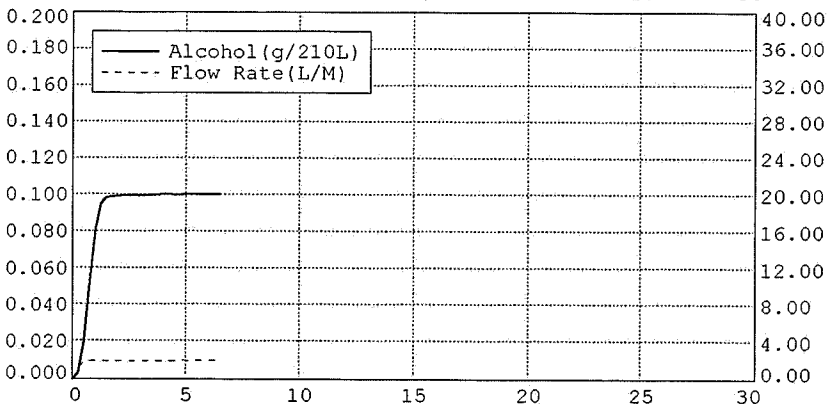
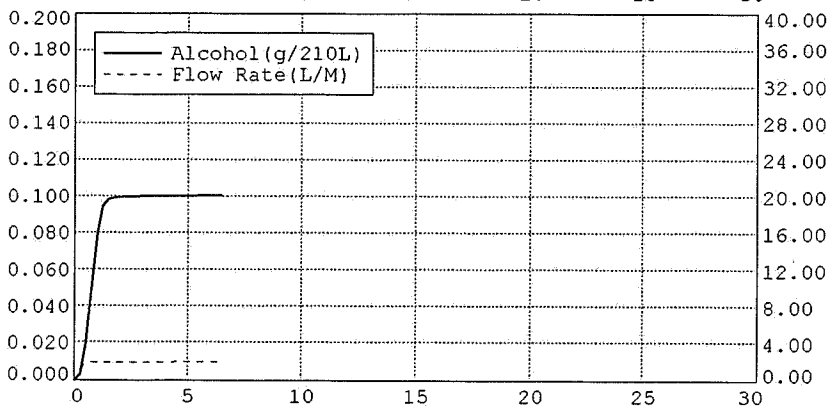
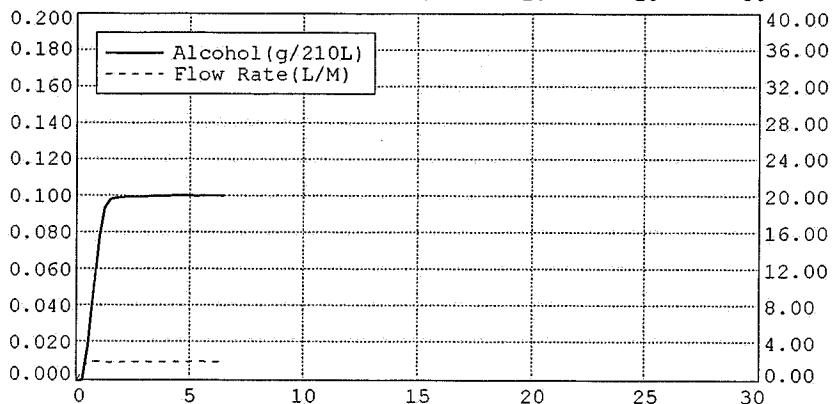
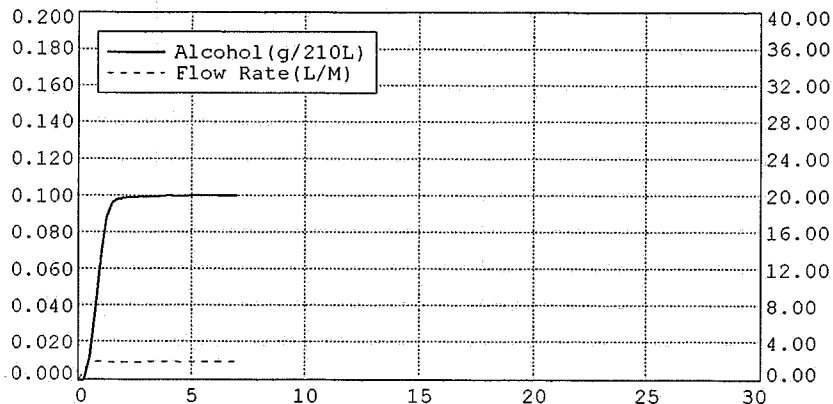
Date: 04/22/2021  
Time: 13:25:19

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.100  
TARGET AT 29.87: 0.100  
LOT #: AG924701  
EXPIRATION: 09/04/2021  
TANK PRESSURE: 172 psi

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 13:26 |
| INTERNAL STANDARD | VERIFIED | 13:26 |
| EXTERNAL STANDARD | 0.102    | 13:27 |
| BLANK TEST        | 0.000    | 13:27 |
| EXTERNAL STANDARD | 0.102    | 13:28 |
| BLANK TEST        | 0.000    | 13:29 |
| EXTERNAL STANDARD | 0.102    | 13:29 |
| BLANK TEST        | 0.000    | 13:30 |
| EXTERNAL STANDARD | 0.101    | 13:30 |
| BLANK TEST        | 0.000    | 13:31 |
| EXTERNAL STANDARD | 0.102    | 13:31 |
| BLANK TEST        | 0.000    | 13:32 |

Average = 0.1018  
Std Dev = 0.0004



LINEARITY CHECK: Control Test 5

Alaska Department of Public Safety  
 DATAMASTER dmt: 100358

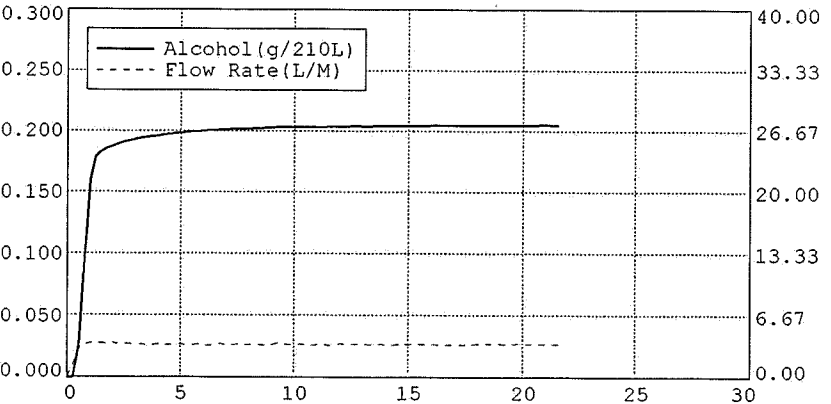
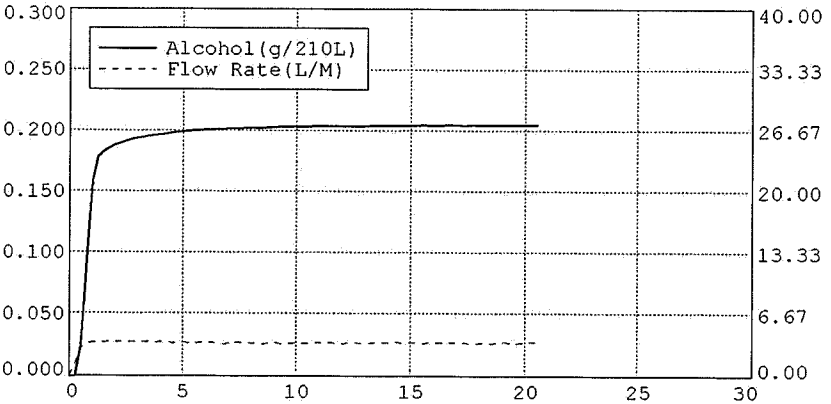
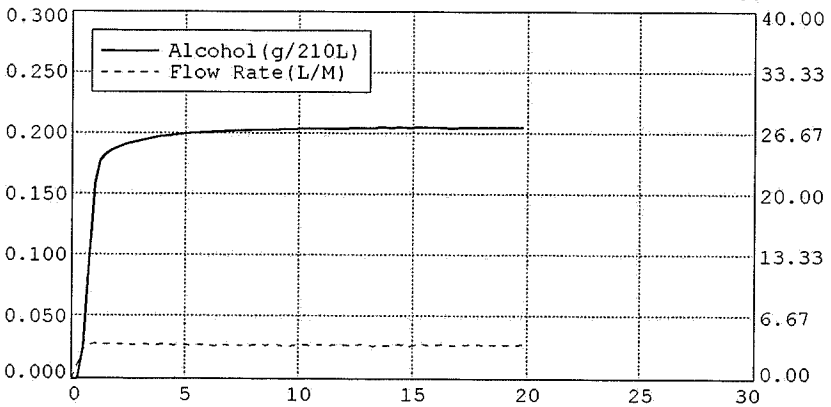
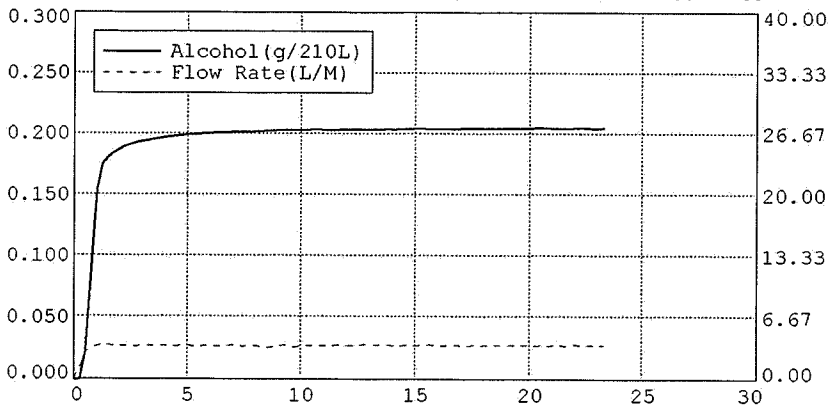
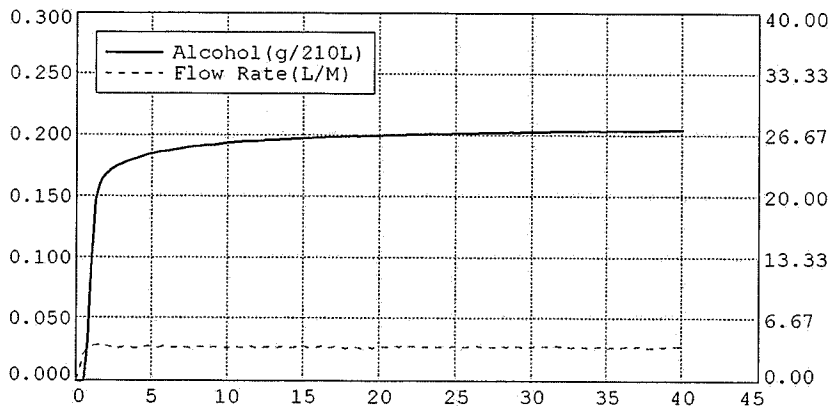
Date: 04/22/2021  
 Time: 13:32:49

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.200  
 LOT #: 19200  
 EXPIRATION: 08/06/2021

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 13:35 |
| INTERNAL STANDARD | VERIFIED | 13:35 |
| EXTERNAL STANDARD | 0.205    | 13:36 |
| BLANK TEST        | 0.000    | 13:37 |
| EXTERNAL STANDARD | 0.206    | 13:38 |
| BLANK TEST        | 0.000    | 13:38 |
| EXTERNAL STANDARD | 0.206    | 13:39 |
| BLANK TEST        | 0.000    | 13:40 |
| EXTERNAL STANDARD | 0.206    | 13:40 |
| BLANK TEST        | 0.000    | 13:41 |
| EXTERNAL STANDARD | 0.206    | 13:42 |
| BLANK TEST        | 0.000    | 13:43 |

Average = 0.2058  
 Std Dev = 0.0004



LINEARITY CHECK: Control Test 6

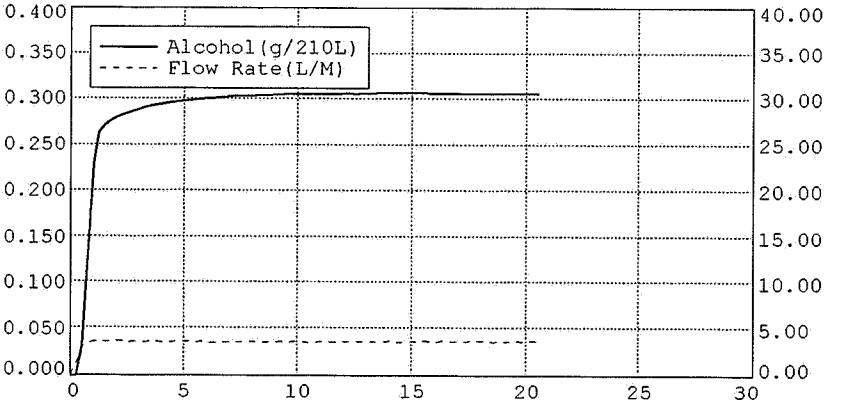
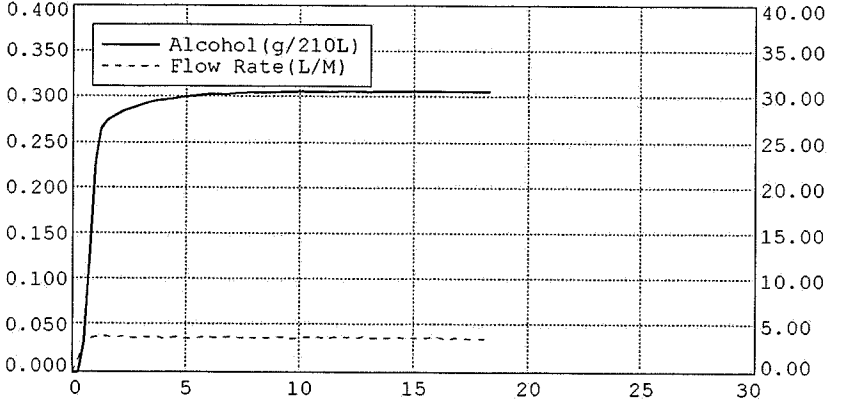
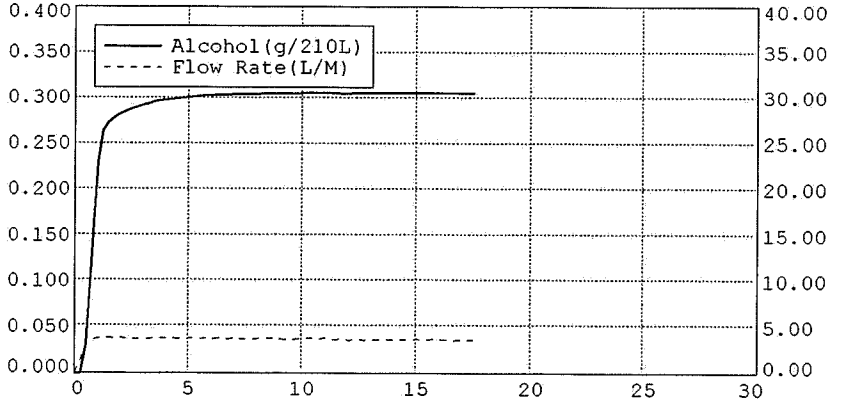
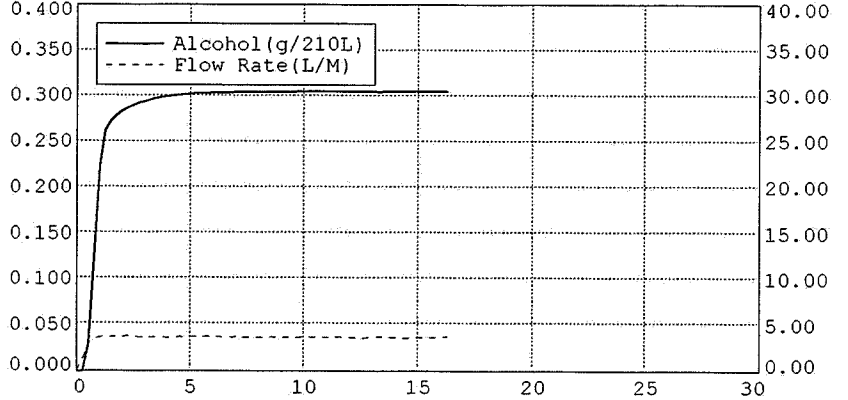
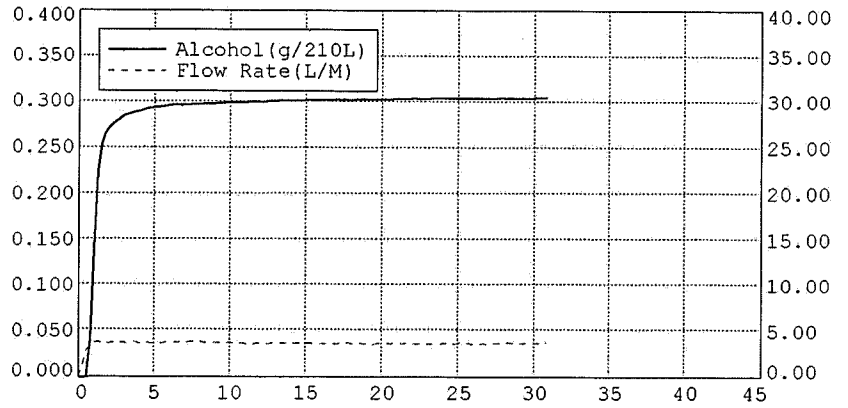
Alaska Department of Public Safety  
DATAMASTER dmt: 100358

Date: 04/22/2021  
Time: 13:44:34

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.300  
LOT #: 19330  
EXPIRATION: 11/13/2021

|                   |          |       |
|-------------------|----------|-------|
| BLANK TEST        | 0.000    | 13:45 |
| INTERNAL STANDARD | VERIFIED | 13:45 |
| EXTERNAL STANDARD | 0.305    | 13:46 |
| BLANK TEST        | 0.000    | 13:47 |
| EXTERNAL STANDARD | 0.305    | 13:47 |
| BLANK TEST        | 0.000    | 13:48 |
| EXTERNAL STANDARD | 0.306    | 13:49 |
| BLANK TEST        | 0.000    | 13:50 |
| EXTERNAL STANDARD | 0.306    | 13:50 |
| BLANK TEST        | 0.000    | 13:51 |
| EXTERNAL STANDARD | 0.306    | 13:51 |
| BLANK TEST        | 0.000    | 13:52 |

Average = 0.3056  
Std Dev = 0.0005



SUBJECT TEST

Alaska Department of Public Safety  
DATAMASTER dmt: 100358

Date: 04/22/2021  
Time: 13:59:44

SUBJECT NAME:  
TEST TEST  
LICENSE #: XXXX

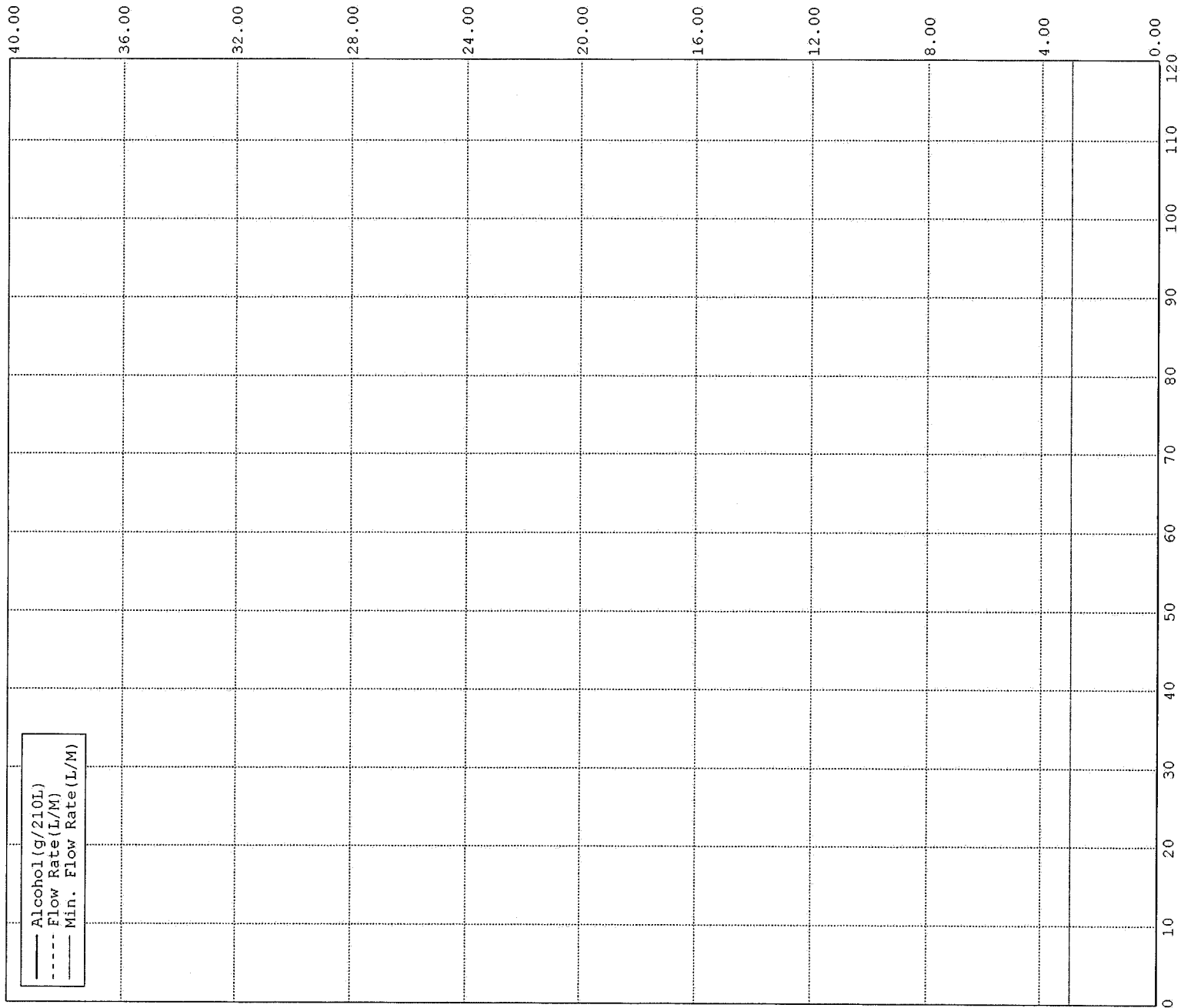
OPERATOR NAME:  
DEREK WALTON  
OPERATOR'S #: 9508

DEPT/AGENCY:  
INCOMPLETE  
CASE/REPORT: XXXX  
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 29.88: 0.080  
LOT #: AG018102  
EXPIRATION: 06/29/2022

DIAGNOSTIC CHECK PASSED 14:00  
BLANK TEST 0.000 14:00  
INTERNAL STANDARD VERIFIED 14:01  
EXTERNAL STANDARD 0.080 14:01  
BLANK TEST 0.000 14:02  
SUBJECT SAMPLE INCOMPLETE 14:04



SUBJECT TEST

Alaska Department of Public Safety  
DATAMASTER dmt: 100358

Date: 04/23/2021  
Time: 13:10:38

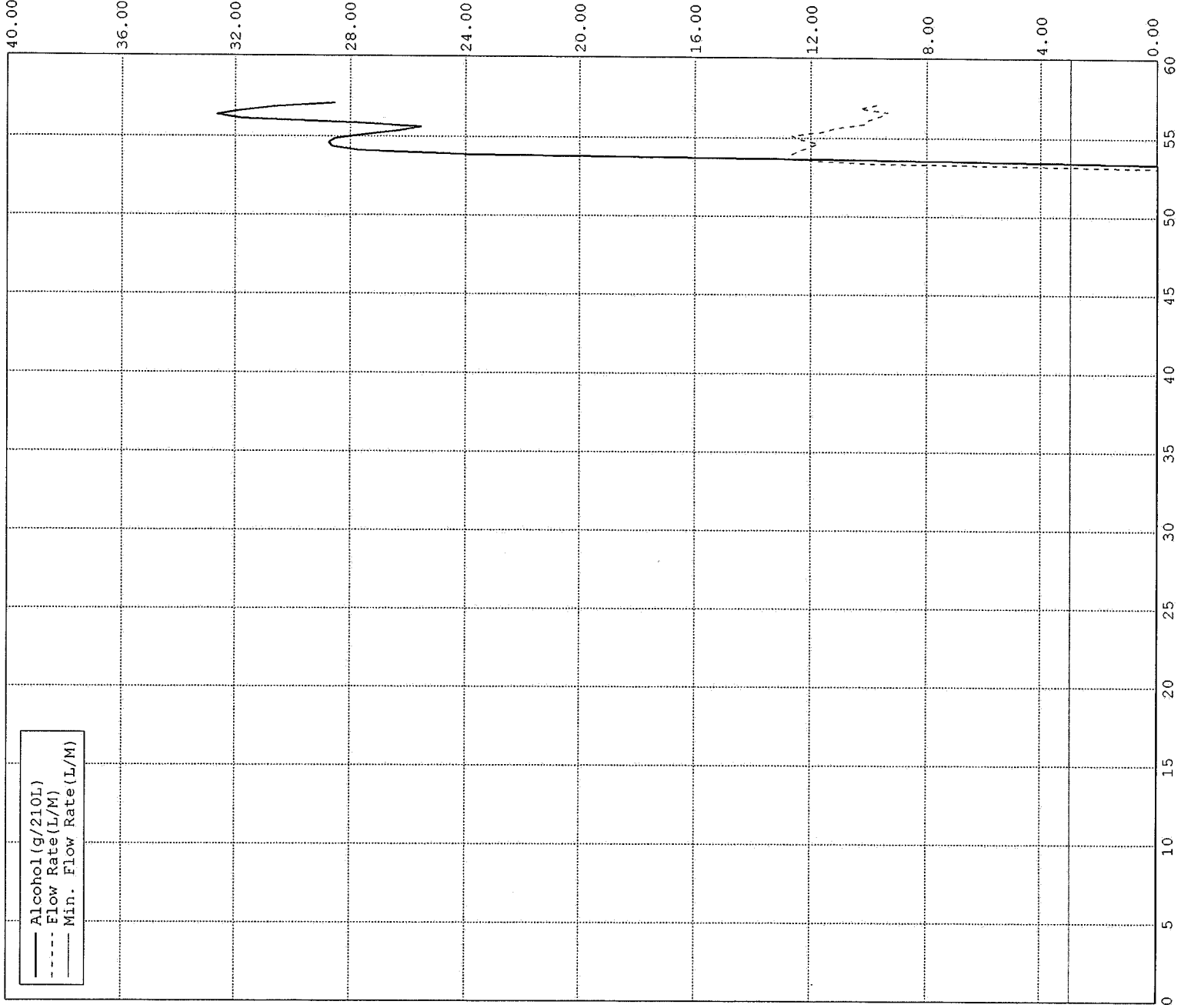
SUBJECT NAME:  
TEST TEST  
LICENSE #: XXXX

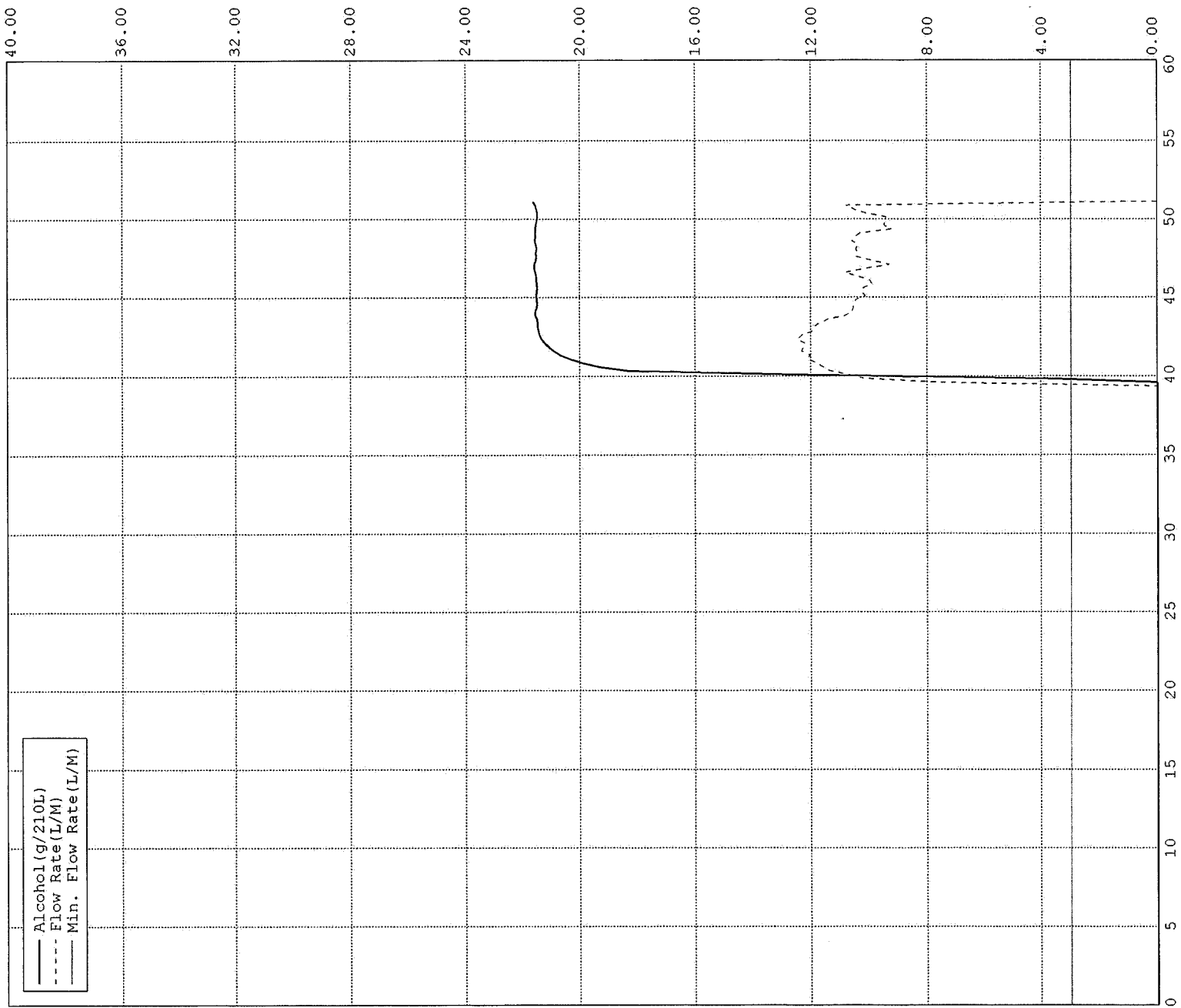
OPERATOR NAME:  
DEREK WALTON  
OPERATOR'S #: 9508

DEPT/AGENCY:  
INVALID  
CASE/REPORT: XXXX  
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.080  
TARGET AT 29.77: 0.080  
LOT #: AG018102  
EXPIRATION: 06/29/2022

DIAGNOSTIC CHECK  
BLANK TEST PASSED 13:11  
INTERNAL STANDARD VERIFIED 13:11  
EXTERNAL STANDARD 0.079 13:12  
BLANK TEST 0.000 13:13  
SUBJECT SAMPLE INVALID 13:14





SUBJECT TEST

-----  
 Alaska Department of Public Safety  
 DATAMASTER dmt: 100358  
 -----  
 Date: 04/23/2021  
 Time: 13:52:03

SUBJECT NAME:  
 TEST TEST  
 LICENSE #: XXXX

OPERATOR NAME:  
 DEREK WALTON  
 OPERATOR'S #: 9508

DEPT/AGENCY:  
 INTERFERENCE ACETONE  
 CASE/REPORT: XXXX  
 TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION  
 NOMINAL: 0.080  
 TARGET AT 29.76: 0.080  
 LOT #: AG018102  
 EXPIRATION: 06/29/2022

|                                   |          |       |
|-----------------------------------|----------|-------|
| DIAGNOSTIC CHECK                  | PASSED   | 13:53 |
| BLANK TEST                        | 0.000    | 13:53 |
| INTERNAL STANDARD                 | VERIFIED | 13:53 |
| Xq = 0.098 (0.09%)                |          |       |
| EXTERNAL STANDARD                 | 0.080    | 13:53 |
| X[1] = 0.0800 (-0.0016) (0.0006)  |          |       |
| BLANK TEST                        | 0.000    | 13:54 |
| SUBJECT SAMPLE                    | XXX      | 13:55 |
| X[1] = 0.1090 (-0.0202) (-0.0019) |          |       |

Interference Detected

Filter 2 average: -0.0021  
 Filter 3 average: 0.0003

DW

SUBJECT TEST

-----  
Alaska Department of Public Safety  
DATAMASTER dmt: 100358  
-----

Date: 04/23/2021  
Time: 13:33:10

SUBJECT NAME:  
TEST TEST  
LICENSE #: XXXX

OPERATOR NAME:  
DEREK WALTON  
OPERATOR'S #: 9508

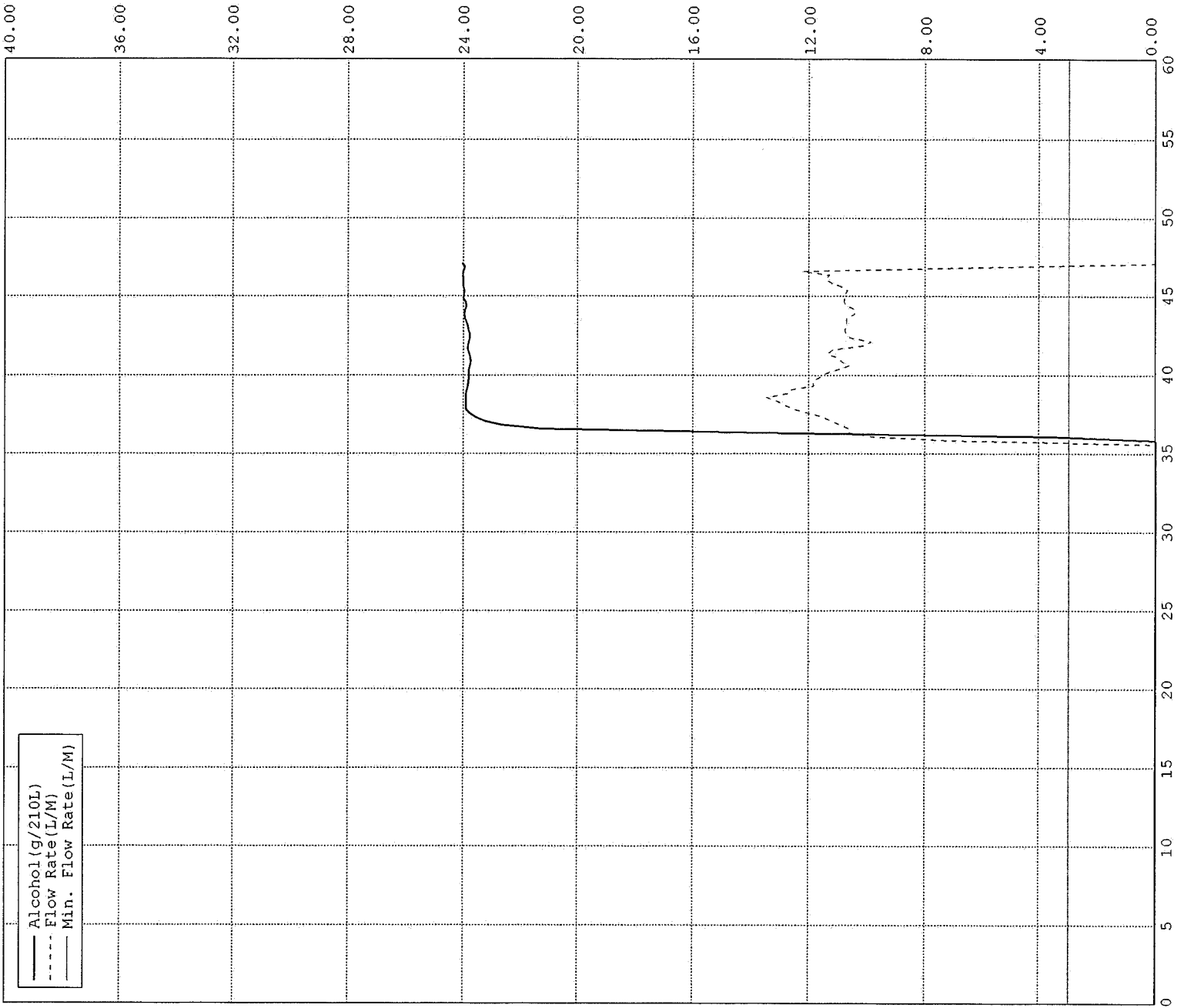
DEPT/AGENCY:  
INTERFERENCE ISOPROPANOL  
CASE/REPORT: XXXX  
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 29.77: 0.080  
LOT #: AG018102  
EXPIRATION: 06/29/2022

|                                  |          |       |
|----------------------------------|----------|-------|
| DIAGNOSTIC CHECK                 | PASSED   | 13:34 |
| BLANK TEST                       | 0.000    | 13:34 |
| INTERNAL STANDARD                | VERIFIED | 13:34 |
| Xq = 0.098 (0.27%)               |          |       |
| EXTERNAL STANDARD                | 0.080    | 13:35 |
| X[1] = 0.0795 (-0.0028) (0.0001) |          |       |
| BLANK TEST                       | 0.000    | 13:35 |
| SUBJECT SAMPLE                   | XXX      | 13:36 |
| X[1] = 0.1210 (-0.0277) (0.0002) |          |       |

Interference Detected





SUBJECT TEST

Alaska Department of Public Safety  
DATAMASTER dmt: 100358

Date: 04/23/2021  
Time: 13:43:34

SUBJECT NAME:  
TEST TEST  
LICENSE #: XXXX

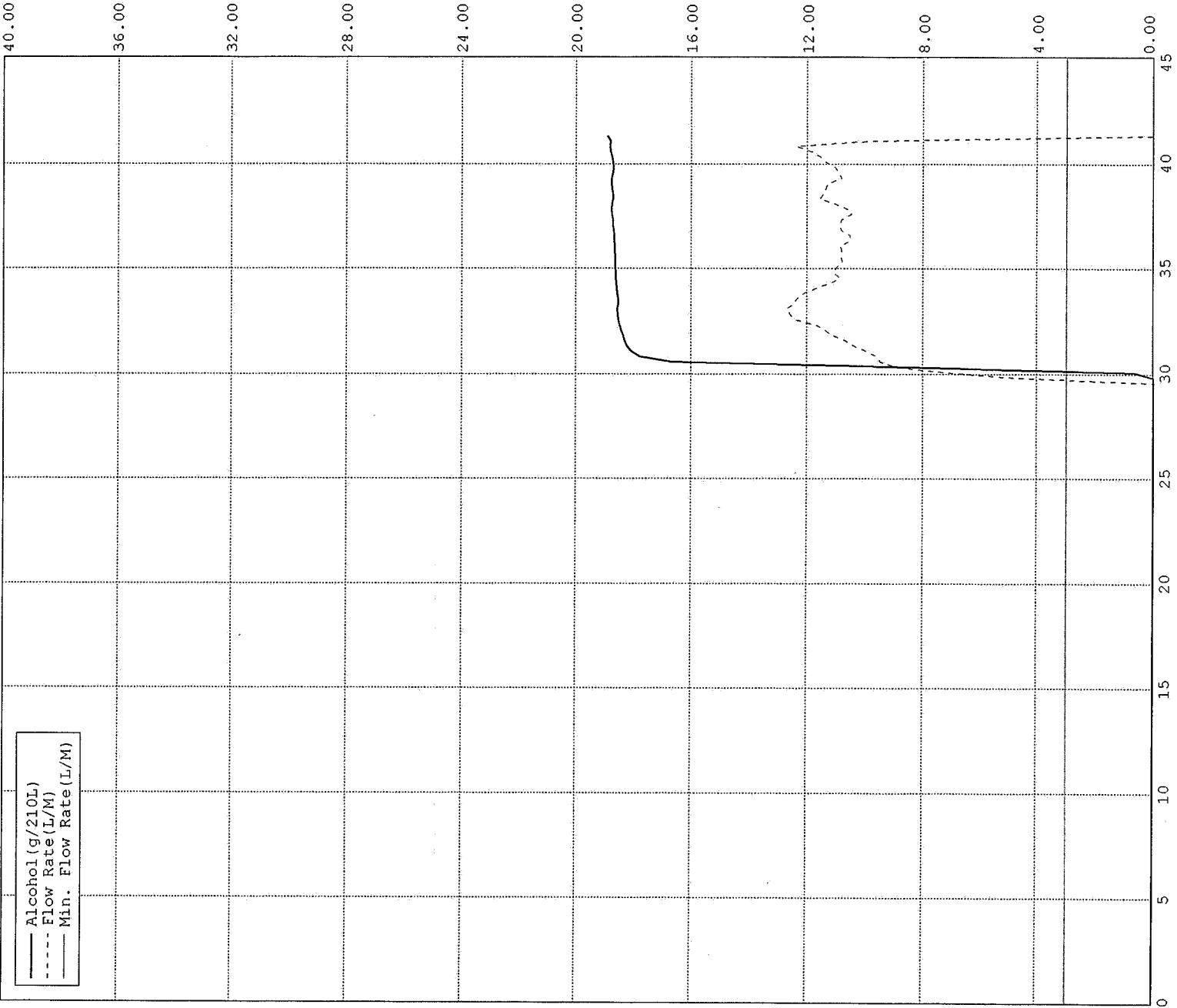
OPERATOR NAME:  
DEREK WALTON  
OPERATOR'S #: 9508

DEPT/AGENCY:  
INTERFERENCE NEGATIVE  
CASE/REPORT: XXXX  
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.080  
TARGET AT 29.77: 0.080  
LOT #: AG018102  
EXPIRATION: 06/29/2022

|                                   |          |       |
|-----------------------------------|----------|-------|
| DIAGNOSTIC CHECK                  | PASSED   | 13:44 |
| BLANK TEST                        | 0.000    | 13:44 |
| INTERNAL STANDARD                 | VERIFIED | 13:45 |
| Xq = 0.098 (0.09%)                |          |       |
| EXTERNAL STANDARD                 | 0.080    | 13:45 |
| X[1] = 0.0796 (-0.0019) (0.0004)  |          |       |
| BLANK TEST                        | 0.000    | 13:46 |
| SUBJECT SAMPLE (Vol=2.09L)        | 0.095    | 13:46 |
| X[1] = 0.0952 (-0.0009) (0.0000)  |          |       |
| BLANK TEST                        | 0.000    | 13:47 |
| EXTERNAL STANDARD                 | 0.079    | 13:48 |
| X[1] = 0.0793 (-0.0020) (-0.0001) |          |       |
| BLANK TEST                        | 0.000    | 13:49 |

*DW*



SUBJECT TEST

Alaska Department of Public Safety  
DATAMASTER dmt: 100358

Date: 04/22/2021  
Time: 14:10:03

SUBJECT NAME:  
TEST TEST  
LICENSE #: XXXX

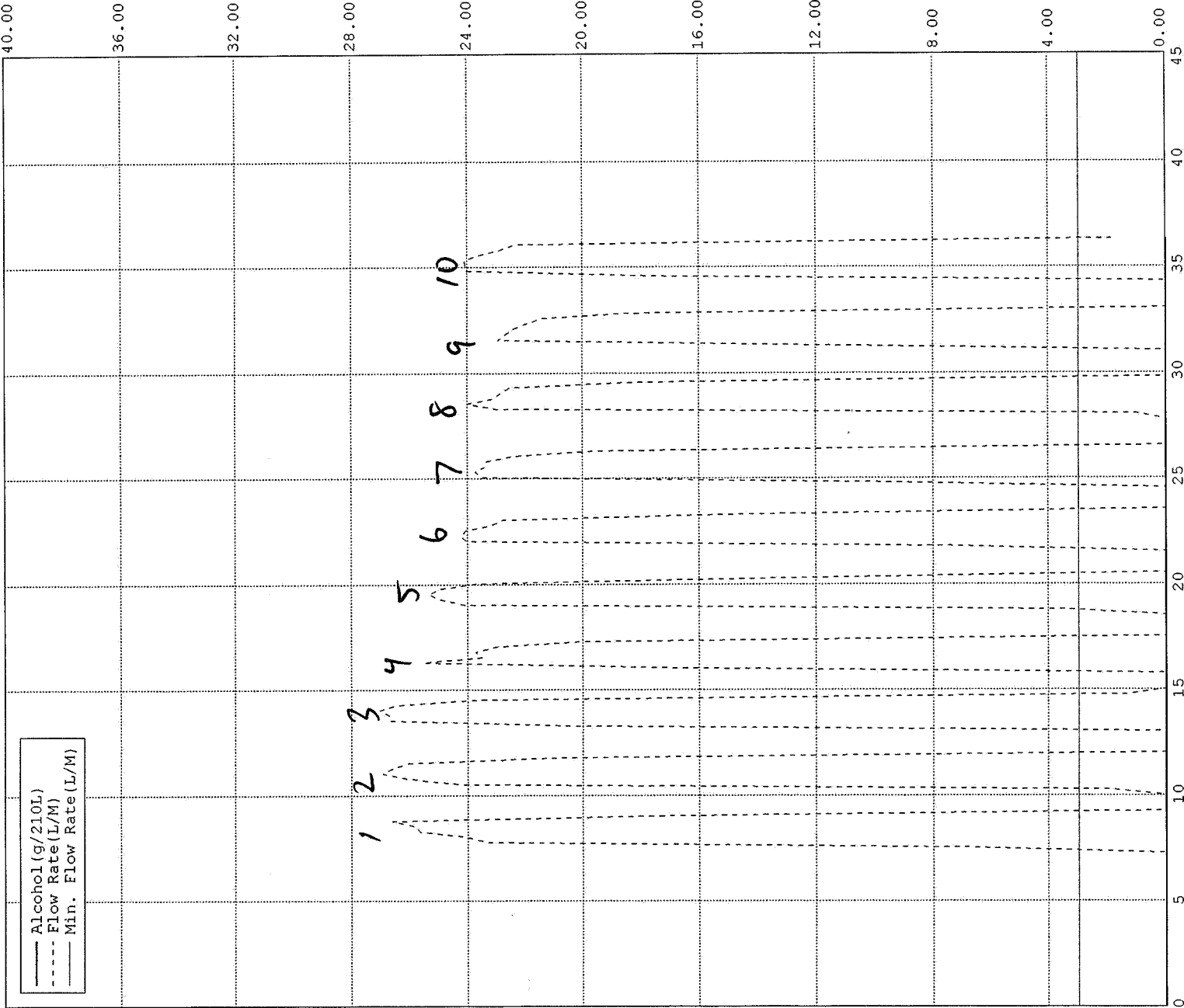
OPERATOR NAME:  
DEREK WALTON  
OPERATOR'S #: 9508

DEPT/AGENCY:  
MAX ATTEMPTS  
CASE/REPORT: XXXX  
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.080  
TARGET AT 29.87: 0.080  
LOT #: AG018102  
EXPIRATION: 06/29/2022

DIAGNOSTIC CHECK PASSED 14:11  
BLANK TEST 0.000 14:11  
INTERNAL STANDARD VERIFIED 14:11  
EXTERNAL STANDARD 0.080 14:11  
BLANK TEST 0.000 14:12  
SUBJECT SAMPLE XXX 14:13

Maximum Attempts Exceeded



SUBJECT TEST

Alaska Department of Public Safety  
DATAMASTER dmt: 100358

Date: 04/23/2021  
Time: 13:16:46

SUBJECT NAME:  
TEST TEST  
LICENSE #: XXXX

OPERATOR NAME:  
DEREK WALTON  
OPERATOR'S #: 9508

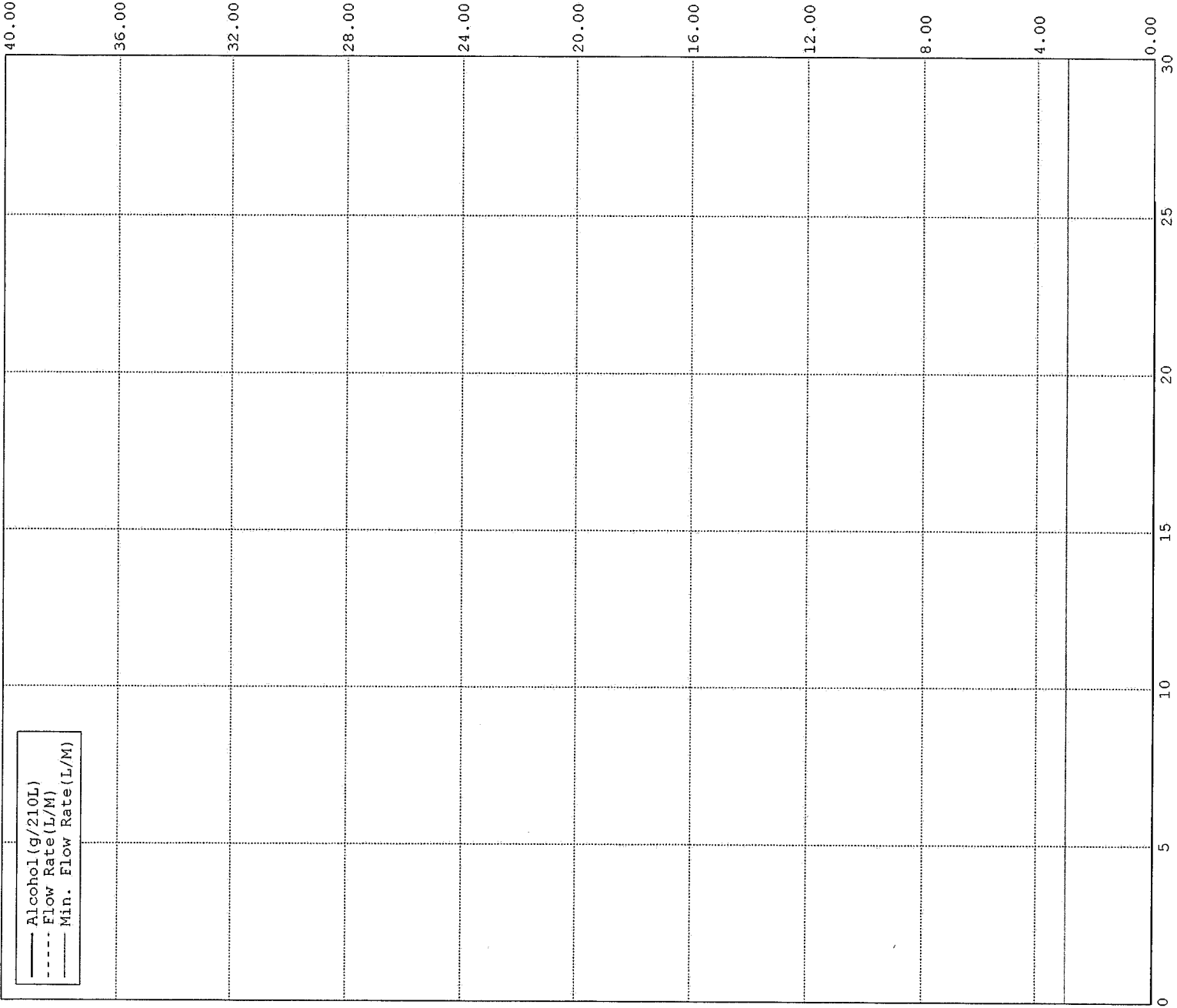
DEPT/AGENCY:  
RADIO FREQUENCY  
CASE/REPORT: XXXX  
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.080  
TARGET AT 29.77: 0.080  
LOT #: AG018102  
EXPIRATION: 06/29/2022

DIAGNOSTIC CHECK PASSED 13:18  
BLANK TEST 0.000 13:18  
INTERNAL STANDARD VERIFIED 13:18  
EXTERNAL STANDARD 0.079 13:18  
BLANK TEST 0.000 13:19

RFI DETECTED

*DW*



SUBJECT TEST

-----  
Alaska Department of Public Safety  
DATAMASTER dmt: 100358  
-----

Date: 04/23/2021  
Time: 14:17:21

SUBJECT NAME:  
TEST TEST  
LICENSE #: XXXX

OPERATOR NAME:  
DEREK WALTON  
OPERATOR'S #: 9508

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

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 29.77: 0.080  
LOT #: AG018102  
EXPIRATION: 06/29/2022

|                            |          |       |
|----------------------------|----------|-------|
| DIAGNOSTIC CHECK           | PASSED   | 14:18 |
| BLANK TEST                 | 0.000    | 14:18 |
| INTERNAL STANDARD          | VERIFIED | 14:18 |
| EXTERNAL STANDARD          | 0.080    | 14:18 |
| BLANK TEST                 | 0.000    | 14:19 |
| SUBJECT SAMPLE (Vol=1.88L) | 0.000    | 14:20 |
| BLANK TEST                 | 0.000    | 14:21 |
| EXTERNAL STANDARD          | 0.080    | 14:21 |
| BLANK TEST                 | 0.000    | 14:22 |

