

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100379

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 07/12/2016

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.89: 0.080
LOT #: AG608504
EXPIRATION: 03/25/2018
TANK PRESSURE: 1053 psi

BLANK TEST 0.000 13:36
INTERNAL STANDARD ERROR 13:36
 Xq = 0.085 (4.50%)

Internal Standard Error

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 49.1°C PASSED
 (44.0°C - 52.0°C)
Breath Tube = 44.4°C PASSED
 (38.0°C - 50.0°C)

SETTINGS

Lamp Voltage = 1.60 V PASSED
 (0.98 V - 2.28 V)
Cooler Voltage = 1.52 V PASSED
 (0.93 V - 2.17 V)
Bias Voltage = 79 V PASSED
 (47 V - 111 V)
Chopper Freq = 537 Hz PASSED
 (475 Hz - 575 Hz)
Barometer = 29.9 in

PUMP INFO

Flow Rate = 4.888 L/M PASSED
 (3.500 L/M - 6.500 L/M)

DETECTOR INFO

PUMP ON PASSED
 (0.001 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 = 0.084 2.89% (0.00% - 4.00%)

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100379

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 07/13/2016

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.04: 0.080
LOT #: AG608504
EXPIRATION: 03/25/2018
TANK PRESSURE: 1073 psi

BLANK TEST 0.000 08:40
INTERNAL STANDARD ERROR 08:40
 Xq = 0.085 (4.39%)

Internal Standard Error

Diagnostic Check

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 = 45.7°C PASSED
 (38.0°C - 50.0°C)

SETTINGS

Lamp Voltage = 1.60 V PASSED
 (0.98 V - 2.28 V)
Cooler Voltage = 1.52 V PASSED
 (0.93 V - 2.17 V)
Bias Voltage = 79 V PASSED
 (47 V - 111 V)
Chopper Freq = 541 Hz PASSED
 (475 Hz - 575 Hz)
Barometer = 30.0 in

PUMP INFO

Flow Rate = 4.903 L/M PASSED
 (3.500 L/M - 6.500 L/M)

DETECTOR INFO

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

FILTER INFO

Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD

Xq = 0.083 2.46% (0.00% - 4.00%)