

Alaska Scientific Crime Detection Laboratory

DataMaster Repair Form

Effective: 10/10/2022

Version: 1.0

Instrument #: 100666
Start Date: 7/17/24

Analyst(s): Kija Swisher
C. Bryant 7/17/24
Supervised repair.

Reason for Repair

Touch screen unresponsive.

Troubleshooting/Repair

verified that screen is not responsive. Replaced screen.
VOC internal standard value greater than 3%, Adjustment needed.

- | | |
|--|--|
| <input checked="" type="checkbox"/> VOC (attached) | <input checked="" type="checkbox"/> Verify software version |
| <input checked="" type="checkbox"/> VOC Internal Standard value \leq 3.00% | <input checked="" type="checkbox"/> Non-Drinking Subject Test (attached) |
| <i>Inadvertently checked box. KS 07/18/2024</i> | |
| <input checked="" type="checkbox"/> Ready for Adjustment | <input type="checkbox"/> Ready for Calibration |
| <input type="checkbox"/> Further Repair Needed | <input type="checkbox"/> Return to Factory |
| <input type="checkbox"/> Proceed to Close Out | |

End Date: 7/17/24

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Approved by: Chemistry Supervisor

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100666

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 07/17/2024

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.65: 0.079
LOT #: AG335202
EXPIRATION: 12/18/2025
TANK PRESSURE: 1024 psi

BLANK TEST	0.000	14:12
INTERNAL STANDARD	VERIFIED	14:12
Xq = 0.095 (3.72%)		
EXTERNAL STANDARD	0.079	14:12
X[1] = 0.0788 (-0.0025) (-0.0013)		
BLANK TEST	0.000	14:13
EXTERNAL STANDARD	0.078	14:13
X[1] = 0.0782 (-0.0025) (-0.0011)		
BLANK TEST	0.000	14:14
EXTERNAL STANDARD	0.079	14:14
X[1] = 0.0786 (-0.0024) (-0.0007)		
BLANK TEST	0.000	14:15
EXTERNAL STANDARD	0.078	14:15
X[1] = 0.0784 (-0.0020) (-0.0010)		
BLANK TEST	0.000	14:16
EXTERNAL STANDARD	0.078	14:16
X[1] = 0.0783 (-0.0026) (-0.0003)		
BLANK TEST	0.000	14:17

Average = 0.0784
Std Dev = 0.0005

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 = 40.4°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.75 V	PASSED
(0.97 V - 2.27 V)	
Cooler Voltage = 1.56 V	PASSED
(0.92 V - 2.14 V)	
Bias Voltage = 78 V	PASSED
(47 V - 111 V)	
Chopper Freq = 519 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.7 in	

PUMP INFO

Flow Rate = 4.070 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 = 0.095 3.72%	PASSED
(0.00% - 4.00%)	

SUBJECT TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100666

Date: 07/17/2024
Time: 14:21:00

SUBJECT NAME:
TEST TEST
LICENSE #: XXX
OPERATOR NAME:
KAIJA SWISHER
OPERATOR'S #: 10746

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

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 29.66: 0.079
LOT #: AG335202
EXPIRATION: 12/18/2025

TEST TYPE	PASSED	TIME
DIAGNOSTIC CHECK	0.000	14:22
BLANK TEST	0.000	14:22
INTERNAL STANDARD	0.078	14:22
EXTERNAL STANDARD	0.000	14:23
BLANK TEST	0.000	14:23
SUBJECT SAMPLE (Vol=2.16L)	0.000	14:24
BLANK TEST	0.000	14:25
EXTERNAL STANDARD	0.080	14:25
BLANK TEST	0.000	14:26

KS

