

Alaska Scientific Crime Detection Laboratory

DataMaster Repair Form

Effective: 10/10/2022

Version: 1.0

Instrument #: 100377

Analyst(s): Kaya Swisher

Start Date: 8/13/24

Reason for Repair

Screen glitching, turning orange when on.

Troubleshooting/Repair

Replaced Screen. Screen now works normally.

- | | |
|---|--|
| <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) |
| <input type="checkbox"/> Ready for Adjustment | <input checked="" 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: 8/13/24

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Approved by: Chemistry Supervisor

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100377

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date:08/12/2024

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.44: 0.079
LOT #: AG335202
EXPIRATION: 12/18/2025
TANK PRESSURE: 889 psi

BLANK TEST	0.000	08:34
INTERNAL STANDARD	VERIFIED	08:34
Xq = 0.086 (0.70%)		
EXTERNAL STANDARD	0.082	08:35
X[1] = 0.0816 (0.0003) (-0.0028)		
BLANK TEST	0.000	08:35
EXTERNAL STANDARD	0.081	08:36
X[1] = 0.0812 (-0.0004) (-0.0023)		
BLANK TEST	0.000	08:37
EXTERNAL STANDARD	0.081	08:37
X[1] = 0.0811 (-0.0013) (-0.0029)		
BLANK TEST	0.000	08:38
EXTERNAL STANDARD	0.081	08:38
X[1] = 0.0808 (-0.0013) (-0.0024)		
BLANK TEST	0.000	08:39
EXTERNAL STANDARD	0.080	08:39
X[1] = 0.0802 (-0.0020) (-0.0026)		
BLANK TEST	0.000	08:40

Average = 0.0810
Std Dev = 0.0007

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.7°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 45.0°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.73 V	PASSED
(1.04 V - 2.42 V)	
Cooler Voltage = 1.61 V	PASSED
(0.97 V - 2.25 V)	
Bias Voltage = 80 V	PASSED
(48 V - 112 V)	
Chopper Freq = 515 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.4 in	

PUMP INFO

Flow Rate = 5.846 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 = 0.086 1.00%	PASSED
(0.00% - 4.00%)	

SUBJECT TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100377

Date: 08/12/2024
Time: 08:42:30

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 29.44: 0.079
LOT #: AG335202
EXPIRATION: 12/18/2025

DIAGNOSTIC CHECK	PASSED	08:43
BLANK TEST	0.000	08:43
INTERNAL STANDARD	VERIFIED	08:43
EXTERNAL STANDARD	0.080	08:44
BLANK TEST	0.000	08:44
SUBJECT SAMPLE (Vol=2.51L)	0.000	08:45
BLANK TEST	0.000	08:46
EXTERNAL STANDARD	0.081	08:46
BLANK TEST	0.000	08:47

KS

