

Alaska Scientific Crime Detection Laboratory

DataMaster Repair Form

Effective: 10/10/2022

Version: 1.0

Instrument #: 100682

Analyst(s): C. O. Bryant

Start Date: 12/13/22

Reason for Repair

Unable to load ticket database

Troubleshooting/Repair

Removed SD Card, deleted corrupt ticket db file.
Scan + Repaired SD Card while in lab
computer. Reinstalled the SD card into
the DMT + uploaded.

- | | |
|--|--|
| <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: 12/13/22

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100682

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 12/13/2022

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.62: 0.079
LOT #: AG113402
EXPIRATION: 05/14/2023
TANK PRESSURE: 691 psi

BLANK TEST	0.000	11:03
INTERNAL STANDARD	VERIFIED	11:03
Xq = 0.093 (0.57%)		
EXTERNAL STANDARD	0.077	11:03
X[1] = 0.0770 (-0.0006) (0.0044)		
BLANK TEST	0.000	11:04
EXTERNAL STANDARD	0.078	11:04
X[1] = 0.0776 (-0.0008) (0.0038)		
BLANK TEST	0.000	11:05
EXTERNAL STANDARD	0.077	11:05
X[1] = 0.0775 (-0.0007) (0.0035)		
BLANK TEST	0.000	11:06
EXTERNAL STANDARD	0.077	11:06
X[1] = 0.0773 (-0.0007) (0.0028)		
BLANK TEST	0.000	11:07
EXTERNAL STANDARD	0.078	11:08
X[1] = 0.0779 (0.0001) (0.0034)		
BLANK TEST	0.000	11:08

Average = 0.0774
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 = 48.1°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 2.11 V	PASSED
(1.36 V - 3.18 V)	
Cooler Voltage = 1.69 V	PASSED
(1.04 V - 2.44 V)	
Bias Voltage = 79 V	PASSED
(47 V - 111 V)	
Chopper Freq = 531 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.6 in	

PUMP INFO

Flow Rate = 4.678 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
(0.003 V <= 0.010 V)	

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.093 0.28% (0.00% - 4.00%)	PASSED
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SUBJECT TEST

Alaska Department of Public Safety

DATAMASTER dmt: 100682

Date: 12/13/2022

Time: 11:11:22

SUBJECT NAME:

TEST TEST

LICENSE #: NON-DRINKING

OPERATOR NAME:

COLLEEN S OBRYANT

OPERATOR'S #: 6237

DEPT/AGENCY:

AAA1

CASE/REPORT: 22-1234

TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080

TARGET AT 29.62: 0.079

LOT #: AG113402

EXPIRATION: 05/14/2023

DIAGNOSTIC CHECK	PASSED	11:12
BLANK TEST	0.000	11:12
INTERNAL STANDARD	VERIFIED	11:12
EXTERNAL STANDARD	0.078	11:12
BLANK TEST	0.000	11:13
SUBJECT SAMPLE (Vol=2.17L)	0.000	11:14
BLANK TEST	0.000	11:15
EXTERNAL STANDARD	0.081	11:15
BLANK TEST	0.000	11:16

