

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

Effective: 1/18/2024

Version: 4.0

Instrument #: 1006666

Analyst/Technician(s): Carlie Flaister

Start Date: 2/12/24

Date Instrument Received: 1/12/24

Reason for instrument evaluation

Instrument returned due to missing data files which were retrieved 1/12/24 (1006666 1/12/24 change in status)

Visual Inspection:

- Clean
- Replace missing screws
- Cermetex Box (modem) is secure
- Ensure modem cable present
- Double Check Valve secured to wall
- All tubing and connections secure
- O-ring inspection and ensure 2 replacement O-rings in bag

Attach VOC VOC Internal Standard $\leq 3.00\%$ Verify software version

OK 2/13/24

Condition of item: No apparent damage Damaged

NOTE: As Found Linearity is required if the instrument is not damaged and the internal standard value is not more than 4.00%

As Found Conditions (if performed):

OK 2/13/24

Barometric Pressure (inHg): _____ Temperature (C): _____ Relative Humidity (%) _____

Linearity Test Levels (g/210L): 0.020, 0.080, 0.300

Notes: Replaced o-ring. During eval the touchscreen initially worked allowing me to perform a tank change. Afterward the touchscreen was not responsive. The instrument was restarted multiple times, but the touchscreen would not work. Unable to print VOC details for internal standard %. Unable to

Attach Non-Drinking Subject Test perform linearity & non-drinking subject test.

Conclusion:

- Ready for Adjustment
- Needs Repair
- Ready for Calibration

Lab Work End Date: 2/13/24

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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: 02/12/2024

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.64: 0.079
LOT #: AG310901
EXPIRATION: 04/19/2025
TANK PRESSURE: 1022 psi

BLANK TEST	0.000	15:33
INTERNAL STANDARD	VERIFIED	15:33
EXTERNAL STANDARD	0.079	15:33
BLANK TEST	0.000	15:34
EXTERNAL STANDARD	0.079	15:34
BLANK TEST	0.000	15:35
EXTERNAL STANDARD	0.079	15:35
BLANK TEST	0.000	15:36
EXTERNAL STANDARD	0.079	15:36
BLANK TEST	0.000	15:37
EXTERNAL STANDARD	0.079	15:37
BLANK TEST	0.000	15:38

Average = 0.0790
Std Dev = 0.0000

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.7°C	PASSED
Breath Tube = 43.2°C	PASSED

PUMP INFO

Flow Rate = 4.136 L/M	PASSED
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DETECTOR INFO

PUMP ON	PASSED
PUMP OFF	PASSED

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD	PASSED
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