

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

Effective: 10/10/2022

Version: 3.0

Instrument #: 100355
Start Date: 8/30/2023
Date Received: 8/30/2023

Analyst(s): Carlie Glaister

Reason for instrument evaluation

Filter wheel errors

Visual Inspection

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

As Found Conditions:

Barometric Pressure (in Hg): AKG Temperature (C): _____ Relative Humidity (%) _____

Linearity Test (attached)

0.020g/210L Mnf: _____ Lot: _____ Exp: _____

0.080g/210L Mnf: _____ Lot: _____ Exp: _____

0.300g/210L Mnf: _____ Lot: _____ Exp: _____

Notes

Outside dusty, cleaned. Secured ^{CKG 8/30/23} ~~cermetex box~~ double check valve to wall. Replaced o-ring. Unable to perform AS Found due to Filter wheel error during Voc.

- VOC (attached) Filter wheel error
 - Verify software version
 - VOC Internal Standard value $\leq 3.00\%$
 - Non-Drinking Subject Test (attached)
- CKG 8/30/23

Condition of item: Good Needs Repair

Ready for Adjustment

Ready for Calibration

End Date: 8/30/2023

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100355

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 08/30/2023

External Standard Test Values

Diagnostic Check

VERSIONS

DMT: 3.02

PIC: 3.02

Modem: 2.6

Questions: 2.2

TEMPERATURES

Sample Chamber = 49.0°C

PASSED

Breath Tube = 47.1°C

PASSED

PUMP INFO

Flow Rate = 3.944 L/M

PASSED

DETECTOR INFO

PUMP ON

PASSED

PUMP OFF

PASSED

Filter Wheel Error