

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

Issued: 05/15/2020
Effective: 05/15/2020

Version: DMEF 2020 R0
Status: Active

Instrument # 100424

Start Date: 12/14/20

Analysts: Derek Walton

Reason for instrument evaluation

Filter wheel errors

Visual Inspection

- Clean
- Cermetex Box is secure
- Gas Valve upright or secured to wall
- O-ring inspection and ensure 2 O-rings in replacement bag
- Replace missing screws
- Ensure modem cable present
- All tubing and connections are secure

Troubleshooting/Repair

Replaced o-ring Breath hose is damaged - replaced.

Filter wheel assembly feels sticky and diagnostic checks all
produce filter wheel errors.

- VOC (attached) ~~Not performed - factory refurbishment recommended.~~
- Internal Standard value $\leq 3.00\%$
- Verify software version JHW 12/14/20
- Return to Factory for Repair
- Ready for Calibration
- Ready for Certification
- Proceed to Close Out

End Date: 12/14/20