

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

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

Version: DMEF 2020 R0
Status: Active

Instrument # 100347

Start Date: 12/15/20

Analysts: Derck Walton

Reason for instrument evaluation

Gas flow 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

See eval from
10/30/19 JMW 12/15/20

Troubleshooting/Repair

Gas flow errors continuing to occur despite regulator replacement in 2016 (100347 2016.10.31 Evaluation) and being in service for only about a year since then. Recommend factory repair and refurbishment.

- VOC (attached)
- Internal Standard value $\leq 3.00\%$
- Verify software version

No additional testing at this time. JMW 12/15/20

- Return to Factory for Repair
- Ready for Certification
- Ready for Calibration
- Proceed to Close Out

End Date: 12/15/20