

# Alaska Scientific Crime Detection Laboratory

## DataMaster Evaluation Form

Issued: 6/11/2014  
Effective: 6/11/2014

Version: DMEF2014 R0  
Status: Active

Instrument # 100381

Date: 5/6/15

Analyst: Colleen O'Bryant

1. Reason for instrument evaluation

Interference detected on subject tests at a higher than expected occurrence.

2. Troubleshooting/Repair

Troubleshooting environmental versus mechanical issues. Testing done at APD prior to the instrument being physically removed from service. Part of the testing included calibrating the instrument using nitrogen gas (dry air) as the ambient source during all purges (see change in instrument status form for more details). The testing concluded the environment may have played a part in the higher number than expected interference detected status beverages on subjects.

Instrument needs to be recalibrated at SCCL.

3. VOC (attached) N/A - instrument calibrated w/ nitrogen for troubleshooting.

4. Verify software version

Return to Factory for Repair

Ready For Calibration

Ready For Certification

DIAGNOSTIC RECORD

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Alaska Department of Public Safety  
DATAMASTER dmt: 100381  
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Date: 06/01/2015  
Time: 13:23:56

VERSIONS

DMT: 3.01  
PIC: 3.02  
Modem: 2.6  
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.7°C PASSED  
Breath Tube = 44.1°C PASSED

PUMP INFO

Flow Rate = 4.498 L/M PASSED

DETECTOR INFO

PUMP ON PASSED  
PUMP OFF PASSED

FILTER INFO

Filter 1 PASSED  
Filter 2 PASSED  
Filter 3 PASSED

INTERNAL STANDARD

PASSED