Alaska Scientific Crime Detection Laboratory

| | ter Evaluation Form | 2 |
|--|---------------------------------------|---|
| Issued: 05/15/2020 Effective: 05/15/2020 | | Version: DMEF 2020 R0 Status: Active |
| Instrument #/00347 | | |
| Start Date: <u>02/23/21</u> | Analysts: De | rck Walton |
| Reason for instrument evaluation | | |
| Lefurbished by man | stacturer, repaired to. | gas flow errors |
| | | |
| Visual Inspection Clean | Replace missing scr | ews |
| Cermetex Box is secure | Ensure modem cabl | e present |
| Gas Valve upright or secured to wal | All tubing and connections are secure | |
| O-ring inspection and ensure 2 O-ring | gs in replacement bag | |
| Micros blocks taged, combleted block feels tight, filter Adjusted lamp and cooley in Repeated Diagnostic Che | altages. | ** 1 |
| | | |
| VOC (attached) ☐ Internal Standard value ≤ 3.00% N ☐ Verify software version | | |
| Return to Factory for Repair | Ready for Cal | ibration |
| Ready for Certification | Proceed to Cl | ose Out |
| End Date: 02/23/21 | | |
| All printed copies are uncontrolled. | Page 1 of 1 Approved | by Chemistry Supervisor |

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument State of Alaska

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Serial #: 100347

Date: 02/23/2021

| External Standard Test Values | Diagnostic Check | |
|-------------------------------|--|----------------------------|
| | VERSIONS DMT: 3.02 PIC: 3.02 Modem: 2.6 Questions: 2.2 | |
| | TEMPERATURES | |
| | Sample Chamber = 48.7°C (44.0°C - 52.0°C) | PASSED |
| | Breath Tube = 41.6°C (38.0°C - 50.0°C) | PASSED |
| | SETTINGS Lamp Voltage = 1.63 V (1.01 V - 2.37 V) | PASSED |
| | Cooler Voltage = 1.64 V (1.00 V - 2.34 V) | PASSED |
| | Bias Voltage = 80 V (48 V - 112 V) | PASSED |
| | Chopper Freq = 525 Hz (475 Hz - 575 Hz) Barometer = 30.0 in | PASSED |
| | PUMP INFO Flow Rate = 4.910 L/M (3.500 L/M - 6.500 L/M) | PASSED |
| | DETECTOR INFO PUMP ON (0.002 V <= 0.010 V) | PASSED |
| | PUMP OFF (0.002 V <= 0.010 V) | PASSED |
| | FILTER INFO Filter 1 Filter 2 Filter 3 | PASSED PASSED PASSED |
| | INTERNAL STANDARD | FAILED- |
| | Xq = 0.108 (6.51) (0.00) - 4 | .00%) |

Diagnostic Check Failed