



Submitted By: MESA LABS - DATATRACE DEMO/RENTAL
 12100 W. 6TH AVENUE
 LAKEWOOD, CO 80228-1252

Sales / P.O Number: N/A

UUT Serial Number: **M3H18157**

Customer UUT ID: **N/A**

Description: MPIII HUMIDITY

Mfgr. Part Number: 137001-541

Measurement Range: 0° to 85° C

Reference Instrument: Fluke 1502A sPRT

Tolerances: DataTrace Standard

Reference Instrument ID: 10475

As Left Condition: **In Tolerance**

Reference Calibration Date: 24Mar2014

Physical Condition: **Good**

Reference Calibration Due Date: 25Mar2015

Cal. Procedure Used: DT-0044 Temperature Calibration

Cal. Due Date: **Per Customer SOP**

AS LEFT DATA

M3H18157 °C	REFERENCE ITS-90 °C	DIFFERENCE °C	TOLERANCE ± °C	AS LEFT RESULT	U ± °C
-0.026	-0.033	0.007	0.10	Pass	0.025
9.946	9.947	-0.001	0.10	Pass	0.025
19.931	19.944	-0.013	0.10	Pass	0.025
29.911	29.921	-0.010	0.10	Pass	0.025
39.915	39.921	-0.006	0.10	Pass	0.025
49.902	49.906	-0.004	0.10	Pass	0.025
59.885	59.883	0.002	0.10	Pass	0.025
69.849	69.851	-0.002	0.10	Pass	0.025
79.881	79.872	0.009	0.10	Pass	0.025
84.856	84.856	0.000	0.10	Pass	0.025

Avg. ambient conditions during test: 26 °C, 34 % RH

Performed by: Phillip Perri

Measurements are made by immersing the unit under test (UUT) together with a standard Platinum Resistance Thermometer into a well-stirred liquid bath. The reported uncertainty (U) is expanded at a coverage factor of 2 (k=2).

Battery replacement is part of standard service and calibration procedures. Additional services (if any) are listed on a separate service report.

Mesa Laboratories, Inc. certifies that the above instrument meets or exceeds published specifications, and that the calibration results in this certificate were obtained using equipment capable of producing results that are traceable through NIST to the International System of Units (SI). Calibration results are in compliance with ISO/IEC 17025:2005 and ANSI/NC SL Z540.3-2006. Data acquisition software has been validated and complies with USFDA 21CFR11 requirements for electronic records. This calibration report applies only to the item described. This document may not be reproduced except in full. © 2013 Mesa Laboratories, Inc. All rights reserved.

Reviewed by: _____
 Phillip Perri

QC Inspector: _____

Date: 09Oct2014

Date: _____