



Submitted By: MESA INVENTORY
12100 W. 6TH AVENUE
LAKEWOOD, CO 80228-1252

Sales / P.O Number: N/A

UUT Serial Number: **M4T15856**
Description: LOGGER MPRF 2 IN. TT 1K RTD AA
Mfgr. Part Number: 227110-2IS
Measurement Range: -40° to 140° C
Tolerances: DataTrace Standard
As Left Condition: **In Tolerance**
Physical Condition: **Good**
Cal. Procedure Used: DT-0044 Temperature Calibration
Cal. Due Date: **Per Customer SOP**

Customer UUT ID:

Reference Instrument: Fluke 1502A sPRT
Reference Instrument ID: 10249
Reference Calibration Date: 09Dec2013
Reference Calibration Due Date: 09Dec2014

AS LEFT DATA

M4T15856 °C	REFERENCE ITS-90 °C	DIFFERENCE °C	TOLERANCE ± °C	AS LEFT RESULT	U ± °C
-40.326	-40.308	-0.018	0.10	Pass	0.024
-20.341	-20.312	-0.029	0.10	Pass	0.025
-0.331	-0.308	-0.023	0.10	Pass	0.025
19.684	19.700	-0.016	0.10	Pass	0.024
39.679	39.701	-0.022	0.10	Pass	0.026
59.694	59.713	-0.019	0.10	Pass	0.026
79.662	79.681	-0.019	0.10	Pass	0.025
99.660	99.674	-0.014	0.10	Pass	0.025
120.665	120.669	-0.004	0.10	Pass	0.027
139.652	139.675	-0.023	0.10	Pass	0.027

Avg. ambient conditions during test: 24 °C, 33 % 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 intended use of the UUT is for total exposure to the process temperature. 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/NCSL 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: _____