



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

Sales / P.O Number: N/A

UUT Serial Number: **M3T12059**
Description: MPIII TEMP 12" STAINLESS STEEL FLEX TAPER TIP -
Mfgr. Part Number: 127686-502
Measurement Range: -20° 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: **N/A**

Reference Instrument: Fluke 1502A sPRT
Reference Instrument ID: 10477
Reference Calibration Date: 14Apr2014
Reference Calibration Due Date: 14Apr2015

AS LEFT DATA

M3T12059 °C	REFERENCE ITS-90 °C	DIFFERENCE °C	TOLERANCE ± °C	AS LEFT RESULT	U ± °C
-19.949	-19.952	0.003	0.10	Pass	0.017
-9.976	-9.961	-0.015	0.10	Pass	0.014
0.007	0.033	-0.026	0.10	Pass	0.015
9.998	10.022	-0.024	0.10	Pass	0.014
19.988	20.009	-0.021	0.10	Pass	0.014
29.982	30.002	-0.020	0.10	Pass	0.013
39.991	39.988	0.003	0.10	Pass	0.013
49.974	49.976	-0.002	0.10	Pass	0.013
59.981	59.985	-0.004	0.10	Pass	0.013
69.964	69.963	0.001	0.10	Pass	0.013
79.953	79.954	-0.001	0.10	Pass	0.013
89.960	89.960	0.000	0.10	Pass	0.013
99.958	99.958	0.000	0.10	Pass	0.013
109.975	109.974	0.001	0.10	Pass	0.013
120.980	120.981	-0.001	0.10	Pass	0.013
129.979	129.978	0.001	0.10	Pass	0.013
139.974	139.970	0.004	0.10	Pass	0.014

Avg. ambient conditions during test: 26 °C, 39 % 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/NCCL 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: _____