



Certificate of NIST Temperature Verification

Verification Performed by: Victoria Schwartz

NIST-Traceable Reference Device

Reference Device Type: Digital Thermometer (NIST Traceable)

Reference Device Unique ID: model: 15-077-8, 11705843
S/N: 111311344

Device Being Tested

Agency / Office: FDEP/CE-RDC

Device Unique ID: S/N: 4167340 (NIST # 878708) (Model 13201636)

Cold Bath (between 0 – 10°C):

Date: 11/03/2021 Time: 13:50

Device Being Tested: 5.1 °C

NIST Reference: 5.263 °C

Result: Pass / Fail

Warm Bath (between 30 – 40°C):

Date: 11/03/2021 Time: 14:15

Device Being Tested: 35.7 °C

NIST Reference: 35.882 °C

Result: Pass / Fail

Comments: This is a re-certification of S/N 4167340

This Document certifies the thermometer/thermistor identified as: S/N 4167340

is / is not (circle one) in compliance with DEP SOP FT 1400.

DEP SOP FT 1400: Acceptance Criteria for Temp. $\pm 0.5^\circ$.

Record temperature reading to full instrument resolution (record all digits displayed). Do not round.

NIST Traceable Calibration Report



Reference Number: **1407395**
 PO Number: **RRENK072721**

Orange County Environmental Protect
 3165 McCrory Place
 Suite 200
 Orlando, FL 32803 United States



Manufacturer: Fisher Scientific
Model Number: 4001FS
Description: Temperature, Thermistor, Probe
Asset Number: CP153272
Serial Number: 111311344
Procedure: See Meter Report

Calibration Date: 08/06/2021
Calibration Due Date: 08/06/2022
Condition As Found: In Tolerance
Condition As Left: In Tolerance, No adjustment

Remarks:
 NIST-traceable calibration performed on the unit referenced above in accordance with customer requirements, published specifications and the lab's standard operating procedures. The unit was calibrated as a system with asset# CP153271 from certificate 1660528 as the readout. Measurements and data included on meter certificate. No adjustments were made to the unit.

Temperature: 21° C
Humidity: 54% RH
Rpt. No.: 1660527

Calibration Performed By:				Quality Reviewer:	
Paschen, Mary	340	Metrologist	847-327-5102	Ziegler, Jeff	08/06/2021
Name	ID #	Title	Phone	Name	Date

This report, by not being signed and dated in full, cannot without permission be reproduced. The results stated in this report relate only to the items tested by Calson/Innocal. Measurements reported herein are traceable to NIST units via national standards maintained by NIST and were performed in compliance with MIL-STD-45662A, ANSI/NCSL Z540-1-1994, ISO/IEC 17025, ISO 9001:2015 and ISO 15189:2013. Calibration is performed on this certificate to specifications of 0.01% or better, with a combined uncertainty ratio (UCR) of 1.1. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The estimate of measurement uncertainty, if included on this certificate, is only representative of a typical uncertainty of 0.1% or better unless otherwise noted in the remarks section.