



29 Pembroke Road Concord, NH 03301



Accreditation # 76289

Certificate of Calibration

Report Number: 23-0425-001
 Date Received: April 25, 2023
 Report Issue Date: April 25, 2023
 Calibration Date: April 25, 2023

Manufacturer: Logtag
 Model: UTREL30-WIFI
 Serial Number: A0A500295030
 Calibration Due Date: April 2025

This certificate applies only to the above instrumentation which has been calibrated to meet or exceed the published specifications. The measurements reported in this certificate are traceable to the United States Department of Commerce National Institute of Standards and Technology (NIST) and through NIST to the International System of Units (SI).

MDQ Calibration Laboratory is accredited to ISO/IEC 17025:2017. This Calibration has been performed at our fixed location within the lab's defined scope of accreditation. Any measurements not covered by the lab's scope are noted below. Uncertainties have been estimated at a 95 % confidence level ($k=2$). Statements of compliance (Pass/Fail or In Tolerance/Out of Tolerance) are based strictly on manufacturer tolerances with no addition or subtraction for the uncertainty. Any number of factors may cause a unit to drift out of tolerance before the calibration due date. This certificate may not be used to claim product endorsement by PJLA, NIST or any agency of the U.S government. Not valid without signature.

Calibration Environment: Temperature: 22.3 °C, Humidity (RH): 37.0 %

Method: MDQ WI-002

Notes: Sensor Part Number: ST10M-15. Calibrated for Fridge and Freezer

Calibration Information

As Found Data:	Ref. Value	As Read	Diff.	Spec.	Uncertainty	Result
Temperature	5.0 °C	5.1 °C	0.1 °C	± 0.5 °C	± 0.081 °C	Pass
Temperature	-15.0 °C	-14.8 °C	0.2 °C	± 0.5 °C	± 0.081 °C	Pass

As Left Data: As Found

As Found Accuracy: In Tolerance
As Left Accuracy: In Tolerance

Standards Used for Calibration

ACCUMAC Model AM8040 w/ PRT Model AM1730-9, Serial Number PT4018130360, Sensor Serial Number 1620171 Calibration due 6/14/2023

Calibrated By: Brenda Slosek
 Title: VFC Calibration Technician

Brenda L. Slosek

Approved By: Amanda Wilson
 Title: Calibration Lab Supervisor

Amanda Wilson

This Certificate/Report shall not be reproduced, except in full, without the written consent of MDQ Calibration Lab.