



Calibration Performed for:

WINLAND ELECTRONICS INC
 424 NORTH RIVERFRONT DR
 MANKATO, MN, 56001
 MICHAEL FURR
 800-635-4269 x1561

Purchase Order #: 123456

As Found Result: IN TOLERANCE

As Left Result: IN TOLERANCE

Date Cal Performed: 01/08/2023

Date Cal Due: 01/08/2025

Cal. Interval: 24 MONTHS

Instrument Information:

Asset Number: WE-TLS-xxx

Manufacturer: WINLAND

Description: THERMISTOR PROBE TEMP-L-S BLUE (-58 TO 158F)

Technician: XXXXXXXX

Temp./RH: 23 C / 42 %

Department Customer Name

Serial Number: WE-TLS-xxx

Model Number: TEMP-L-S

Procedure #: CP-021

Calibration Performed at: LAB

Comments:

Test Description	Nominal	Tol. -	Tol. +	As Found	As Left	Unit	Uncertainty/Unit	Result
Temperature Accuracy	-13.0	-13.9	-12.1	-13.0	-13.0	F	0.175 F	
	14.0	13.1	14.9	14.1	14.1	F	0.175 F	
	32.0	31.1	32.9	32.1	32.1	F	0.175 F	
	77.0	76.1	77.9	77.2	77.2	F	0.175 F	
	122.0	121.1	122.9	122.3	122.3	F	0.175 F	

Calibration Reference Equipment

Asset #	Description	Last Cal	Next Cal
00004305	PRT PROBE, -200 TO 300 °C	3/11/2022	3/11/2024
00004410	SUPER-DAQ PRECISION TEMPERATURE SCANNER	10/5/2023	10/5/2024
00004411	PORTABLE CALIBRATION BATH WITH PROCESS READOUT	4/24/2023	4/24/2024

This instrument has been calibrated using standards with accuracies traceable to the National Institute of Standards and Technology (NIST), derived from natural physical constraints, derived from ratio measurements, or compared to consensus standards. Reported Uncertainties and/or "test uncertainty ratios" (TUR) are expressed as expanded uncertainty values at approximately the 95% confidence level using a coverage factor of K=2. A TUR of 4:1 is routinely observed unless otherwise noted on the Certificate. Results listed relate only to the items that were tested and/or calibrated. Conformance to the test points and specifications listed is at the single point in time when the data was recorded. Continued conformance to specifications is not guaranteed or warranted after the equipment listed is outside the control of Trescal Inc. Test points marked * are not accredited under Trescal Inc. Scope of Accreditation Certificate A2LA 1877.01. Calibrations due dates appearing on the Certificate of Calibration and label are determined by the client for administrative purposes and do not imply continued conformance to specification. Trescal Inc. meets the relevant quality system requirements of ISO/IEC 17025:2017, ANSI/NCSLI Z540-1-1994, ANSI/NCSL Z540.3-2006, ISO 9001:2015 and ISO 10012-1. This calibration was performed in compliance with Trescal U.S. Quality System Manual. This Certificate may not be copied, except in full, without written consent of Trescal Inc. The below electronic signature is from a Technician certified competent in the company quality documents for the test(s) performed. Trescal, Inc. utilizes a simple decision rule unless otherwise specified, uncertainties are not included in Pass/Fail determination.

Authorized Signature: XXXXXXXXXX

Date: 1/8/2023

W.O.# 12100200