



**ThermoProbe**

112A Jetport Dr.  
Pearl, MS 39208

## Report of Test

This report is to certify that the instrument listed below has been calibrated by **ThermoProbe, Inc.** to NIST traceable criteria.

Report No.: **2026-02-04 - 3A-19788**

Model: TL3-A

Serial Number: **3A-19788**

Calibration Date: **2/4/2026**

Ambient Temp: 72°F +/- 2°

Calibrated By: JM

## Calibration Data As Found

New Unit or no "As Found" data available

## Calibration Data As Left

This device has been adjusted to read as closely as possible to actual temperature.

Tested temperatures and corrections are as follows:

Nominal Value		Actual Test Temp.		Reading of TL		Correction		Tolerance		In Tolerance	Measurement Uncertainty	
°F	°C	°F	°C	°F	°C	°F	°C	°F	°C		°F	°C
32	0	31.991	-0.005	31.99	-0.01	0.00	0.00	0.10	0.06	Yes	0.030	0.017
120	49	119.985	48.881	119.99	48.88	0.00	0.00	0.10	0.06	Yes	0.030	0.017
199	93	199.024	92.791	199.02	92.79	0.00	0.00	0.10	0.06	Yes	0.030	0.017
300	149	300.183	148.991	300.17	148.98	0.01	0.01	0.10	0.06	Yes	0.030	0.017

### Callendar Van Dusen Coefficients:

R0: 100.00

A: 3.90800E-03

B: -5.77500E-07

C: -4.18300E-12

## Traceability:

This calibration and the following references are traceable to NIST through an unbroken chain of comparisons.

Nominal Temp		Bath	Fluid	Reference	Calibration Date	Next Calibration Due
0.0° C	32.0° F	Fluke 7340	water/glycol	TL2-0016	10/3/2025	10/3/2026
48.9° C	120.0° F	Fluke 6330	distilled water	TL2 - 0008	10/3/2025	10/3/2026
92.8° C	199.0° F	Fluke 6330	mineral oil	TL2A-0146	10/3/2025	10/3/2026
149.0° C	300.2° F	Fluke 6330	silicon oil	TL2A-0091	10/3/2025	10/3/2026

**Test Method:** The calibration procedures used were *ThermoProbe, Inc. Calibration Procedures* based on ASTM E-644-06. This probe was immersed in a constant temperature bath with a reference thermometer which determined the actual test temperature. The readings were compared and correction factors for the probe were calculated. The As Left readings reflect the TL's readings after calibration.

Uncertainty Statement: Uncertainties were computed using the concepts, methods and techniques of the ISO Guide to the Expression of Uncertainty in Measurement (the GUM). The calculated uncertainty is an expanded uncertainty (k=2). It does not consider errors due to possible damage to the TL from shipping, temperature drift, or thermal hysteresis effect. To maintain the accuracy of the TL, users should take care to protect it during shipping and avoid using it to measure temperatures significantly above the highest calibrated temperature. Within the parameters of stated specifications on this report, exclusive of any external factors, have the TL instrument recalibrated annually to ensure the factory tolerance for this instrument.

ThermoProbe disclaims any tolerance specification other than this factory calibration report.

Calibrator's Signature: \_\_\_\_\_

Test Results Approved by: \_\_\_\_\_

Date: **2/4/2026**

*The results stated on this report relate only to the items specifically identified.  
This test report or calibration certificate shall not be reproduced except in full,  
without written approval of the laboratory.*