

Control Services, Inc.

4729 Adams Road, Hixson, TN 37343
www.controlservicesTN.com

Certificate of Calibration

Traceable to NIST

Customer CONTROL SERVICES, INC.
Address 4729 ADAMS ROAD

City HIXSON

State, Zip TN 37343

ID Number CS-IR12031987

Description IR CALIBRATOR

Manufacturer THERMOWORKS, INC.

NIST Number 160524CS-IR12031987

Model Number IR-500-110

As Found IN TOLERANCE

Serial Number 12031987

As Left IN TOLERANCE

Range 50-500 C

Standard(s) MICROCAL 1 PLUS

Accuracy MANF. SPECS

PRECISION RTD THERMOMETER

Calibration Date 5/24/2016

Serial No.(s) D12340621

Due Date 5/24/2017

D13280495

Calibration Frequency 12 MONTHS

This instrument has been certified utilizing working standards with accuracies traceable to the National Institute of Standards and Technology, derived from natural physical constants, derived from ratio measurements or compared to consensus standards. All working standards used for certification are supported by a calibration system and quality control system that meets or exceeds the requirements of ANSI/NCSL Z540-1 and ISO/IEC 17025. The reported data is valid only at the time of the test and related only to the item calibrated. Calibration due dates are determined by the client and do not imply continued conformance to specifications. This certificate shall not be reproduced except in full, without written permission of Control Services, Inc.

Findings:

Applied Standard	Minimum Allowed	Maximum Allowed	As Found	As Left	Difference (as left)
50 C	49.2	50.8	50.04	50.04	0.04
100 C	98.4	101.6	100.3	100.3	0.3
150 C	148.4	151.6	150.5	150.5	0.5
200 C	198.4	201.6	200.3	200.3	0.3
250 C	248.4	251.6	250.3	250.3	0.3
300 C	297.2	302.8	299.75	299.75	-0.25
350 C	347.2	352.8	350.0	350.0	0.0
400 C	397.2	402.8	400.0	400.0	0.0

Calibrated by: 