



ADDING VALUE

# ROOTS METROLOGY & TESTING LABORATORY

(A Division of Roots Industries India Limited)

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CC-2201

## CALIBRATION CERTIFICATE

ULR NO:CC220122010020362F

ISSUE DATE: 16-09-2022

Report No. : CRMTL/01/422102381-A1	Customer Ref. : Onsite #15-09-2022
Name of the Customer : M/S.ALPHA LIFECARE	Date of Receipt of Item : 15-09-2022
No.17 Bashyam Street, Manjakuppam ,	Date of Calibration : 15-09-2022
Cuddalore - 607001.	Due of Calibration : 14-09-2023
	Condition of Instrument on Receipt : Satisfactory

### DETAILS OF DEVICE UNDER CALIBRATION

Description : TEMPERATURE INDICATOR WITH SENSOR	Ident./Sl.No. : TS -01
Make : Aptech Deals	Location : --
Model : ---	
Range : -50 to 110 °C	
Resolution : 0.1 °C	Calibrate at : Thermal lab

### DETAILS OF MASTER USED

Standard Instrument Used	ID NO.	Make	Traceable to/Certificate No.	Validity
SSPRT Sensor with 6 1/2 Multimeter	CRMTL-396/356	Tempsens/GW Instek	TSC/22-23/7940-8	22/Aug/2023

The masters are traceable to national / International standards

### CALIBRATION FIELD : THERMAL

Cal.Procedure Ref.No. :	CRMTL/WI/401	Ref.Document:	ASTM E220-13 / Euromet cg-8 / DKD-R-5-1
Estimated Uncertainty of Measurement (At confidence level of 95% for a coverage factor k=2)	As Reported	Temperature & Humidity during calibration:	
		25.2°C	55.1%RH

The reported results are valid only for the condition of the received instrument at the time of and under the stated conditions of the calibration

Calibration Result :

(All values in °C)

Sl.No.	DUC READINGS	STANDARD READINGS	DEVIATION	EXPANDED UNCERTAINTY ±
1	-10.1	-10.135	0.035	0.29
2	10.1	10.163	-0.063	0.29
3	30.1	30.196	-0.096	0.29
4	50.1	50.264	-0.164	0.29
5	100.2	100.389	-0.189	0.29

Note: DUC- Device under calibration

\*\*End\*\*

CALIBRATED BY (CALIBRATION ENGINEER)	AUTHORIZED BY (QM/TM/DY.TM/SrEr)	This Report refers only to the sample submitted and may not be reproduced in full or in part, without written permission from Roots Metrology & Testing Laboratory, Chennai.
 G.VENKATESH	 R.NEELAKANDAN	

Calibration Label / Status :	White : Calibrated <input checked="" type="checkbox"/>	Green : Accepted - Valid for use <input type="checkbox"/>	* NEXT CALIBRATION DUE AS PER CUSTOMERS PLAN AND REQUIREMENT
	Yellow : Limited use (Refer report) <input type="checkbox"/>	Red : Rejected-Out of use (Refer report) <input type="checkbox"/>	