



## CERTIFICATE OF CALIBRATION

SRF No.	F0099	Certificate No.	FCL/24/F0099-03	ULR No.	CC31032400000600F
Date of SRF	02-08-2024	Date of Cal.	02-08-2024	Next Cal Due	01-08-2025
Issue Date	03-08-2024	Cal Procedure No.	FCL-SOP-THE-01	Reference Std.	DKD-R 5-1
No of Pages	01	Page No.	01 of 01	Status on Receipt	Satisfactory
DISCIPLINE-GROUP : Thermal-Temperature				Cal Done At	Onsite

## Customer Name &amp; Full Address:

M/s. CHC KABBAHALLY,  
Near Malasramma Temple, Gundlupet Tq,  
Chamarajanagara Dist-571109.

## DUC DETAILS

Nomenclature	Digital Thermometer	Model / Type	ST-9283B
Make	Multi	Range	-50 to 300 °C
Serial. No	NA	Resolution	0.1 °C
ID No	DTM-01	Accuracy	NA
Location	ICTC Lab		

## STANDARDS USED FOR CALIBRATION AND TRACEABILITY DETAILS

Nomenclature	Make/Model	SI. No / ID No.	Traceable to	Validity
4 Wire RTD Sensor With DMM	Tempens & Yokogawa / PT - 100X1, Simplex & CA71	2113016632 & 2267021/FCL-TH-02 & FCL-TH-02A	TMS/24/64-01	15-03-2025

Temperature Bath Calibrator used as Source

Environmental Condition :

Temperature : 25.4 °C

Humidity: 52 %RH

All Readings are in °C

Calibration Results:

SI No	Set Temp	STD Readings	DUC Readings	Observed Deviation	Computed Measurement Uncertainty (±)
1	-30	-30.321	-30.6	-0.279	0.8
2	-10	-10.253	-10.4	-0.147	0.8
3	0	0.184	0.2	0.016	0.8
4	50	50.368	50.6	0.232	0.8
5	100	100.289	100.4	0.111	0.8
6	200	200.411	200.8	0.389	0.8
7	300	300.394	300.9	0.506	0.8

Remarks :

- The Measurement Uncertainty is estimated at a confidence level of 95.45% with a coverage factor k=2.
- This Calibration Certificate refers only to the Particular item submitted for calibration. Calibration points given as per customer request.
- NABL Accredited Calibration Lab as per ISO/IEC 17025:2017 with vide Certificate No:CC-3103
- The Usage of NABL symbol is as per NABL guidelines given in NABL 133. The Calibration Certificate relates only to the above DUC.
- Calibration Certificate Shall not be reproduced except in full, without written approval of the Flowcal.
- Standard maintained are traceable to National / International Standard through accredited laboratories.

Calibrated by

Rajashekar

(Calibration Engineer)



Authorized by

  
Vinay Kumar  
(CEO)

\*\*\*\*\*End of Calibration Certificate\*\*\*\*\*