

CERTIFICATE OF CALIBRATION

SRF No.	F0131	Certificate No.	FCL/24/F0131-02	ULR No.	CC31032400000722F
Date of SRF	03-09-2024	Date of Cal.	03-09-2024	Next Cal Due	02-09-2025
Issue Date	05-09-2024	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 & Full Address:

M/s. Nagamangala Government Hospital
Government Hospital
B M road , Nagamangala-571432
Mandya District

Nomenclature	Digital Thermometer	Model / Type	ST-9283B
Make	Multi Thermometer	Range	-50 to 300 °C
Serial. No	NA	Resolution	0.1 °C
ID No	ICTC/GHN/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	Tempsens & 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

Calibration Results:

All Readings are in °C

SI No	Set Temp	STD Readings	DUC Readings	Observed Deviation	Computed Measurement Uncertainty (±)
1	-30	-30.332	-30.6	-0.268	0.8
2	-10	-10.252	-10.4	-0.148	0.8
3	0	0.107	0.2	0.093	0.8
4	50	50.314	50.6	0.286	0.8
5	100	100.237	100.4	0.163	0.8
6	200	200.412	200.8	0.388	0.8
7	300	300.463	300.9	0.437	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*****

