

### CERTIFICATE OF CALIBRATION

SRF No.	F0117	Certificate No.	FCL/24/F0117-03	ULR No.	CC31032400000618F
Date of SRF	16-08-2024	Date of Cal.	16-08-2024	Next Cal Due	15-08-2025
Issue Date	17-08-2024	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 & Full Address:

M/s. ICTC HULLAHALLY.,  
Medical Officer ICTC, CHC Hullahally Nanjangud Tq,  
Mysore Dist-571314

#### DUC DETAILS

Nomenclature	Analog Thermometer	Model / Type	-
Make	-	Range	-30 to 55 °C
Serial. No	NA	Resolution	1 °C
ID No	GT-01	Accuracy	NA
Location	ICTC Lab		

#### STANDARDS USED FOR CALIBRATION AND TRACEABILITY DETAILS

Nomenclature	Make/Model	Sl. 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

Sl No	Set Temp	STD Readings	DUC Readings	Observed Deviation	Computed Measurement Uncertainty (±)
1	-30	-30.252	-30	0.252	0.8
2	-10	-10.174	-10	0.174	0.8
3	0	0.088	0	-0.088	0.8
4	10	10.159	10	-0.159	0.8
5	30	30.267	30	-0.267	0.8
6	50	50.293	50	-0.293	0.8
7	55	55.201	55	-0.201	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)



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

Authorized by

Vinay Kumar

(CEO)