



CERTIFICATE OF CALIBRATION

SRF No.	F0101	Certificate No.	FCL/24/F0101-03	ULR No.	CC31032400000606F
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 & Full Address:

M/s. **ICTC CIMS TEACHING HOSPITAL,**
ROOM NO.209,YADPURA,
CHAMRAJNAGARA-571313.

DUC DETAILS

Nomenclature	Digital Thermometer	Model / Type	ST-9283B
Make	Mullt	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	Sl. 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

Calibration Results:

All Readings are in °C

Sl No	Set Temp	STD Readings	DUC Readings	Observed Deviation	Computed Measurement Uncertainty (±)
1	-30	-30.156	-30.3	-0.144	0.8
2	-10	-10.104	-10.2	-0.096	0.8
3	0	0.023	0.1	0.077	0.8
4	50	50.451	50.2	-0.251	0.8
5	100	100.215	100.4	0.185	0.8
6	200	200.524	200.3	-0.224	0.8
7	300	300.845	300.5	-0.345	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*****