

CERTIFICATE OF CALIBRATION

SRF No.	F0105	Certificate No.	FCL/24/F0105-03	ULR No.	CC310324000000618F
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. Holy Cross Hospital ,
MM hills main road Kamagere,
Kollegala-571443.

DUC DETAILS

Nomenclature	Digital Thermometer	Model / Type	--
Make	Multi Thermometer	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	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	-30.252	-30.4	-0.148	0.8
2	-10	-10.174	-10.3	-0.126	0.8
3	0	0.088	0.2	0.112	0.8
4	50	50.159	50.4	0.241	0.8
5	100	100.267	100.5	0.233	0.8
6	200	200.293	200.6	0.307	0.8
7	300	300.201	300.5	0.299	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*****