



FLOW CAL

TRUSTED AND RELIABLE CALIBRATION

NABL Accredited Calibration Lab as per ISO/IEC 17025:2017

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CC-3103

FCL/FM/CL/06

CERTIFICATE OF CALIBRATION					
SRF No.	F0144	Certificate No.	FCL/24/F0144-01	ULR No.	CC31032400000801F
Date of SRF	28-09-2024	Date of Cal.	28-09-2024	Next Cal Due	27-09-2025
Issue Date	30-09-2024	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. ICTC GH Tarikere, Chikkamagaluru District.

DUC DETAILS

Nomenclature	Digital Thermometer	Model / Type	NA
Make	Mextech	Range	-20 to 150 °C
Serial. No	NA	Resolution	0.1 °C
ID No	ICTC/DTM-01	Accuracy	NA
Location	Laboratory		

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	-20	-20.131	-20.3	-0.169	0.8
2	0	0.042	0.2	0.158	0.8
3	30	30.145	30.3	0.155	0.8
4	60	60.189	60.4	0.211	0.8
5	90	90.248	90.5	0.252	0.8
6	120	120.196	120.4	0.204	0.8
7	150	150.269	150.5	0.231	0.8

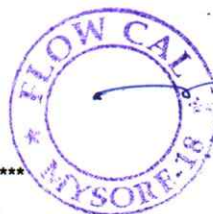
Remarks :

- 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

Sanju

(Calibration Engineer)



Authorized by

Vinay Kumar

(CEO)

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