



FLOW CAL

TRUSTED AND RELIABLE CALIBRATION

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



CC-3103

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CALIBRATION CERTIFICATE

Name of the Customer: M/s. ICTC, General Hospital, Birur, Channarayana District

FCU/IM/CL/06

Customer's Reference	UJR-CC3103200000324F	SRF No	1026	Dated	11-10-2023
CAL CERT. NO.	FC/L23/1026-02	CALIBRATED ON	11-10-2023	RECOMMENDED CAL DUE	10-10-2024
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Date of receipt & condition: 0 to 5000 R 11-10-2023
 Environmental Condition: NA
 Calibration Procedure: : Temp : 25°C
 : FCL-SOP-TH-05 : Humidity : Satisfactory
 : FCL-SOP-TH-05 : Humidity : 50%RH
 LAB

Description of the instrument : Temperature & Humidity Meter
 Make : NA Model : DC103
 SL No : NA ID No : HW-01
 Location : STORAGE
 Range : 10% to 99% RH & -50°C to 70°C
 Resolution : 0.1°C, 1%RH
 Issue Date : 13-10-2023

Standards used:

SL No.	Nomenclature	Make & Model	SL No./ID No.	Traceable to	Validity
1	Humidity Temp Meter	Rofronic/HP-23A	6T789382/2028172 5 FCL-TH-08	SI23-05/03/01	04-05-2024


Humidity Calibration Results @25°C

SL No	Standard Reading In °C	Standard Reading In %RH	DUC Reading In °C	DUC Reading In %RH	Deviation Observed in °C	Deviation Observed in %RH	Measurement Uncertainty In %RH
1	25.1	30.14	25.3	30	0.2	-0.14	0.9
2	25.3	40.10	25.5	40	0.2	-0.10	0.9
3	25.2	60.23	25.6	60	0.4	-0.23	0.9
4	25.1	80.29	25.4	80	0.3	-0.29	0.9
5	25.2	90.25	25.4	90	0.2	-0.25	0.9

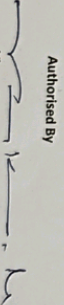
Temperature Calibration Results of external sensors

SL No	Standard Reading In °C	DUC Reading In °C	Deviation Observed in °C	Measurement Uncertainty In °C
1	10.15	10.3	0.2	0.8
2	20.16	20.3	-0.1	0.8
3	30.26	30.4	0.1	0.8
4	40.3	40.4	0.1	0.8

- Note:
1. Measurement Uncertainty is reported at 95% confidence level. With k=2
 2. Publication or reproduction of this certificate in any form other than by complete set of the whole certificate & in the language, written, is not permitted without the written consent of FLOWCAL
 3. The Calibration Certificate relates only to the above DUC. (Device Under Calibration)

Calibrated By 
 Rajashekar
 Calibration Engineer



Authorised by 
 Vinay Kumar M
 Quality manager