



## CERTIFICATE OF CALIBRATION



No. 301/A, 9th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Kaval, Nandhini Layout Post, Bangalore - 560 096.  
Ph : 080-23377266, Mob : 9986586789 / 9632221171 / 9964308118 | Email : info@viplgroup.com Web : www.viplgroup.com

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2473

### 1 Name and Address of Customer

M/s.: Adichunchanagiri Hospital and Research Centre,  
B G Nagara, Nagamangala Taluk,  
Mandya District - 571 448.

### 2 Customer Reference

2.1 ULR No : CC247324300004797F  
2.2 Format No : VI-FRM-TH-002  
2.3 SRF No : 3567  
2.4 DC.No / Date : Ref.Letter / 19-07-2024  
2.5 Receipt Date : 19-07-2024  
2.6 Certificate No. : VI/24-25/3567-02  
2.7 Issue Date : 22-07-2024

### 3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Digital Thermo Hygrometer (In / Out)  
3.2 Make / Model : MEXTECH / TM-2  
3.3 SI.No. / ID.No. : KT2023051810307 / AIMSLAB/TM/02  
3.4 DUC Condition : Satisfactory  
3.5 Calibration Procedure No. / Ref. Std. : SOP-38-02 / Based On Comparison Method  
3.6 No.of Pages : 2  
3.7 Calibration Date : 22-07-2024  
3.8 Calibration Due : 21-07-2025  
3.9 Calibration done at : VI Thermal Lab  
3.10 Discipline : Thermal

### 4 Environmental Condition:

Temperature: 25.3 - 25.7°C Humidity: 49 - 51 %RH

### 5 Standards Used for calibration:

Sl. No	Nomenclature	Make & Model	Sl. No	Certificate No.	Cal Agency / Validity
1	Hygropalm With Sensor	Rotronic & HP23	60885044(Indicator) & 20146871(Sensor)	ETL/1047/23/C/F/275	FCRI, Palakkad / 15-09-2024
2	RTD Sensor With Indicator	Tempco & TMPL-01	TI-100822-01 (Sensor) & 21J668997 (Indicator)	VI/23-24/INT-TH-210-01	VI, Bangalore / 21-08-2024

3 Humidity+Temperature Chamber And Dry Block Calibrator is Used As a Source

### 6 Note:

- The Calibration Certificate relates only to the above DUC
- Publication or reproduction of this Certificate in any form other than by complete set of the whole report & in the language, written, is not permitted without the written consent of VI Lab..
- Corrections/erasing, invalidate the Calibration Certificate.
- Calibration of the DUC are traceable to National standards/International Standards
- Any error in this Certificate should be brought to our knowledge within 30 days from the date of this Cert.
- Results Reported are valid at the time of and under the stated conditions of measurements.
- The usage of NABL Symbol is as per NABL guidelines given in NABL-133

Calibrated By

Checked By

Poornima V

Umesh D

(Calibration Engineer)

(Lab In-Charge)





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COMMITTED TO THE CUSTOMER SINCE - 1996

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### Results:

Range / Resolution : -10 to 50 °C / 0.1 °C ( In Door )

#### Test Results of Temperature @ 50 %RH

SI No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	15	15.2	15.067	0.133	0.498	2.0
2	30	30.3	30.087	0.213	0.498	2.0
3	45	45.4	45.132	0.268	0.498	2.0

Range / Resolution : -50 to 70 °C / 0.1 °C ( Out Door )

SI No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-40	-39.8	-39.956	0.156	0.291	2.0
2	0	0.1	0.021	0.079	0.291	2.0
3	10	10.2	10.045	0.155	0.291	2.0
4	30	30.3	30.078	0.222	0.291	2.0
5	60	60.4	60.104	0.296	0.291	2.0

Range / Resolution : 20 to 99 %RH / 1 %RH

#### Test Results of Humidity @ 25°C

SI No	Set Point (%RH)	DUC Reading (%RH)	STD Reading (%RH)	Error Observed (%RH)	Measurement Uncertainty ± (%RH)	k Factor
1	30	31	30.04	0.96	1.434	2.0
2	50	52	50.12	1.88	1.434	2.0
3	80	82	79.86	2.14	1.434	2.0

### Conclusion / Remarks:

- Measurement Uncertainty reported is at 95.45% confidence level with k = 2.

Calibrated By

Poornima V  
(Calibration Engineer)

Checked By

Umesh D  
(Lab In-Charge)

