



CERTIFICATE OF CALIBRATION

COMMITTED TO THE CUSTOMER SINCE - 1996

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 : CC247324300004798F
- 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/24-25/3567-03
- 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 Sl.No. / ID.No. : KT2023051810233 / AIMSLAB/TM/03
- 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:

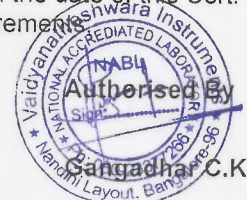
- 6.1. The Calibration Certificate relates only to the above DUC
- 6.2. Publication or reproduction of this Certificate in any form other than by complete set of the whole report & in the language, written, is not permitted without the written consent of VI Lab..
- 6.3. Corrections/erasing, invalidate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

Calibrated By

Poornima V
(Calibration Engineer)

Checked By

Umesh D
(Lab In-Charge)





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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	15.023	0.177	0.498	2.0
2	30	30.3	30.056	0.244	0.498	2.0
3	45	45.4	45.092	0.308	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	-40.078	0.278	0.291	2.0
2	0	0.1	0.045	0.055	0.291	2.0
3	10	10.2	9.923	0.277	0.291	2.0
4	30	30.3	29.903	0.397	0.291	2.0
5	60	60.4	59.897	0.503	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	29	30.07	-1.07	1.434	2.0
2	50	48	50.12	-2.12	1.434	2.0
3	80	78	80.15	-2.15	1.434	2.0

Conclusion / Remarks:

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

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