Vaidyanatheshwara Instruments Private Limited

COMMITTED TO THE CUSTOMER SINCE - 1996

CC-2473

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

CERTIFICATE OF CALIBRATION

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	: **CC247324300004796F**
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/24-25/3567-01**
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.	: KT2023051810024 / AIMSLAB/TM/01
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 measurements.
6.7. The usage of NABL Symbol is as per NABL guidelines given in NABL-133

Calibrated By	Checked By	Authorised By
Poornima V	Umesh D	Gangadhar C K
(Calibration Engineer)	(Lab In-Charge)	Sign

Vaidyanatheshwara Instruments ACCREDITED LABORATORY Nandini Layout, Bangalore

COMMITTED TO THE CUSTOMER SINCE - 1996

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CERTIFICATE OF CALIBRATION

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

Certificate No. VI/24-25/3567-01

Results:

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

Test Results of Temperature @ 50 %RH

Sl No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	15	15.1	15.043	0.057	0.498	2.0
2	30	30.3	30.106	0.194	0.498	2.0
3	45	45.4	45.154	0.246	0.498	2.0

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

Sl No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-40	-40.3	-39.954	-0.346	0.291	2.0
2	0	-0.1	0.034	-0.134	0.291	2.0
3	10	9.7	10.067	-0.367	0.291	2.0
4	30	29.6	30.102	-0.502	0.291	2.0
5	60	59.6	60.154	-0.554	0.291	2.0

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

Test Results of Humidity @ 25°C

Sl No	Set Point (%RH)	DUC Reading (%RH)	STD Reading (%RH)	Error Observed (%RH)	Measurement Uncertainty ± (%RH)	k Factor
1	30	31	30.14	0.86	1.434	2.0
2	50	52	50.17	1.83	1.434	2.0
3	80	82	79.83	2.17	1.434	2.0

Conclusion / Remarks:

1. 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)

Authorised By
Gangadhar C.K

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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 Sl.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:

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 measurements.
6.7. The usage of NABL Symbol is as per NABL guidelines given in NABL-133

Calibrated By	Checked By	Authorised By
Poornima V	Umesh D	Gangadhar G.K
(Calibration Engineer)	(Lab In-Charge)	

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VAIDYANATHESHWARA INSTRUMENTS PRIVATE LIMITED

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

CERTIFICATE OF CALIBRATION

Certificate No. VI/24-25/3567-02

Results:

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

Test Results of Temperature @ 50 %RH

Sl 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)

Sl 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

Sl 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:

1. 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)

Authorised By
Gangadhar G.K

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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..
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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 measurements.
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)

Authorised By
Gangadhar C.K

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CERTIFICATE OF CALIBRATION

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

Certificate No. VI/24-25/3567-03

Results:

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

Test Results of Temperature @ 50 %RH

Sl 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)

Sl 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

Sl 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.

Calibrated By
Poornima V
(Calibration Engineer)

Checked By
Umesh D
(Lab In-Charge)

Authorised By
Sign:
Gangadhar C K

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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	: CC247324300004799F
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/24-25/3567-04
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.	: KT2023051810311 / AIMSLAB/TM/04
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				

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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)

Authorised By
Gangadhar G K

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CERTIFICATE OF CALIBRATION

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

Certificate No. VI/24-25/3567-04

Results:

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

Test Results of Temperature @ 50 %RH

Sl No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	15	14.9	15.089	-0.189	0.498	2.0
2	30	29.8	30.143	-0.343	0.498	2.0
3	45	44.8	45.189	-0.389	0.498	2.0

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

Sl No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-40	-40.2	-39.978	-0.222	0.291	2.0
2	0	-0.1	0.025	-0.125	0.291	2.0
3	10	9.8	10.045	-0.245	0.291	2.0
4	30	29.7	30.090	-0.390	0.291	2.0
5	60	59.7	60.132	-0.432	0.291	2.0

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

Test Results of Humidity @ 25°C

Sl No	Set Point (%RH)	DUC Reading (%RH)	STD Reading (%RH)	Error Observed (%RH)	Measurement Uncertainty ± (%RH)	k Factor
1	30	29	30.12	-1.12	1.434	2.0
2	50	48	50.15	-2.15	1.434	2.0
3	80	77	79.80	-2.80	1.434	2.0

Conclusion / Remarks:

1. 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)

Authorised By
Vaidyanatheshwara Instruments NABL
Sign:
Gangadhar C K
080-23377266 Nandini Layout, Bangalore-96