

CALIBRATION CERTIFICATE

SUBJECT: CALIBRATION OF THERMO HYGROMETER	CERTIFICATE NO.: ML/THE/0908/01/2022-23	
	Certificate Issue Date 20/03/2023	Page 1 of 2

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| <p>1. Scope</p> <p>1.1 Service Request Details</p> <p>1.1.1 Service Request No.</p> <p>1.1.2 Service Request Finalized On</p> <p>1.1.3 Unique Lab Report Number (ULR No.)</p> <p>1.1.4 Discipline / Group</p> <p>1.1.5 Name & Address of Organization</p> | <p>Calibration
ML/0908/22-23
18/03/2023
CC266423000007269F
Thermal / Specific Heat & Humidity
HEER LAB
116-120, National Plaza, Opp. Ayurvedic College, Above Kabir
Restaurant, Station Road, Surat, Gujarat, India, 395003.</p> |
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- 1.2 **Item Details**
- 1.2.1 **Condition of the Item** Working

1.2.2	Nomenclature	Thermo Hygrometer		
	Manufacturer	HTC	Model No.	HTC-1
	ID No.	THM-01	Sr.No.	---
	Range	-10 to 50 °C / 10 to 99%RH	Type	Digital
	Least Count	0.1 °C / 1 % RH	Accuracy	---
	Department	---	Location	---

- 1.3 **Item Received On** Dt. 17/03/2023

- 1.4 **Details of Test Equipments Used**

Instrument Name	UID No.	Certificate No.	Make	Due Date
Temp. & Humidity Sensor With Indicator	ML/MTHI/001	30054000	Rotronic	23/05/2023
Source In Use: ML/MTHCC/001				

- 1.4.1 **Operating Procedures Used:** ML/SOP/THE/008

- 1.5 **Date of Calibration:** 18-March-2023

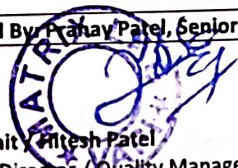
- 1.6 **Recommended Due Date of Calibration:** 17-March-2024

- 1.7 **OBSERVATIONS:**

- 1.7.1 **Laboratory Ambient:** Temperature: 26.0 °C (25±4) Humidity: 55.1 %RH (50±20)

- 1.7.2 **Parameter:** Temperature / Humidity

CALIBRATION RESULTS					
Range	Calibration Point	Measured Value on Master (A)	Measured Value on IUC (B)	Error (B - A)	(±) Expanded Uncertainty
Parameter: Temperature @ 50%RH (°C)					
-10 to 50 °C	15.0	15.32	14.9	-0.42	0.624 °C
	25.0	25.24	25.3	0.06	0.624 °C
	45.0	45.35	45.5	0.15	0.624 °C
Parameter: Humidity @ 25°C (%RH)					
10 to 99 %RH	35	34.75	35	0.25	1.869 %RH
	50	49.14	50	0.86	1.869 %RH
	85	84.65	85	0.35	1.869 %RH
Note: The value mentioned above is the mean of 3 readings.					

<p>Calibrated By: Ranjit Patel, Senior Calibration Engineer</p> <p style="text-align: center;">AUTHORISED SIGNATORY</p> <p>Ranjit Rohit / Ansh Patel Technical Director / Quality Manager</p>	
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Doc. No. Form-21, Amend. 05 Dt.. 01-01-2022

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