



Avi Scientific (India)

CALIBRATION LABORATORY



CALIBRATION CERTIFICATE

Format no.: CC-12 D

Page No: 1 of 2

Date of Calibration:	Next Cal. due on:	Date of Issue:	ULR No.:	CC264523000000033F
06.04.2023	05.04.2024	07.04.2023	Certificate No:	AVI 2304032
SRF No. 2300009	SRF Date	06.04.2023	Job No. 2304032	Job Date 06.04.2023

Discipline : Thermal **Group : Temperature & Humidity**

Customer's Name & Address:	The Lab Beyond Excellence A-2, 001/002, Prabhakar CHS, Station Road, Shanti Nagar Sec-4, Mira Road (E), Thane-401 107
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Customer Reference/Challan No -

Receipt Date 06.04.2023

Condition on receipt Satisfactory

Calibration Carried Out Inhouse

Description of item Calibrated:

Instrument	Digital Thermo hygrometer
Make	HTC
Model	HTC-1
Serial No.	-
Identification No.	TLP/DTH/01
Range	(-10 to 50)°C / (10 to 99)%RH
Resolution	0.1°C / 1%RH
Location	-
Work Instruction No.	AVI/WI-19
Environmental Condition	Temp. (°C): (25±4)°C Relative Humidity (% RH) : (30 to 75)% RH

Equipment & Master Used for Calibration Used Standard equipments are traceable to the National Standard.

Equipment	Sr.No.	Certificate No	Validity up to	Traceability with
Temp. & Humidity Indicator with Sensor	Indi-130802-01, Sensor-61081339	M-220827-10-3	29/08/2023	Godrej & Boyce Mfg. Co. Ltd. CC-2634

Authorised Signatory

(Janardan Chavan)
Technical Manager



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OBSERVATION TABLE

Temperature @ 50% RH

Unit of measurement : °C

Sl. No.	Test Point	Standard Reading	UUC Reading	Error	Expanded Uncertainty (±)
1	20	20.3	20.1	-0.2	1.20
2	30	30.3	30.0	-0.3	1.20
3	40	40.5	40.1	-0.4	1.20

Relative Humidity @ 25°C

Unit of measurement : %RH

Sl. No.	Test Point	Standard Reading	UUC Reading	Error	Expanded Uncertainty (±)
1	30	30.9	30	-0.9	4.00
2	60	61.2	60	-1.2	4.00
3	85	87.3	85	-2.3	4.00

Note: Calibration points are taken as per customer request

(The reported expanded uncertainty of measurement is multiplied by coverage factor k=2, which corresponds to a coverage probability of approximately 95% for a normal distribution)

Calibrated By

Prathamesh Mestri

(Prathamesh Mestri)
Calibration Engineer



Authorised Signatory

Janardan Chavan

(Janardan Chavan)
Technical Manager

-----End of the certificate -----

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