



# Avi Scientific (India)

CALIBRATION LABORATORY



CC - 2645

## CALIBRATION CERTIFICATE

Format no.: CC-12 D

Page No: 1 of 2

Date of Calibration:	Next Cal. due on:	Date of Issue:	ULR No.:	CC264523000000034F
06.04.2023	05.04.2024	07.04.2023	Certificate No:	AVI 2304033
SRF No. 2300009	SRF Date	06.04.2023	Job No. 2304033	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	-
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Receipt Date	06.04.2023
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Condition on receipt	Satisfactory
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Calibration Carried Out	Inhouse
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**Description of Item Calibrated:**

Instrument	Digital Thermohygrometer
Make	HTC
Model	HTC-1
Serial No.	-
Identification No.	TLP/DTH/03
Range	(-10 to 50) <sup>o</sup> C / (10 to 99)%RH
Resolution	0.1 <sup>o</sup> C / 1%RH
Location	-
Work Instruction No.	AVIWI-19
Environmental Condition	Temp. ( <sup>o</sup> C): (25±4) <sup>o</sup> 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



Please Refer Note Backside of the Page



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06.04.2023	05.04.2024	07.04.2023	Certificate No:	AVI 2304033			
SRF No.	SRF Date	Job No.	Job Date	2300009	06.04.2023	2304033	06.04.2023

### OBSERVATION TABLE

Temperature @ 50% RH

Unit of measurement : °C

Sl. No.	Test Point	Standard Reading	UUC Reading	Error	Expanded Uncertainty (±)
1	20	20.4	20.1	-0.3	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	30.8	30	-0.8	4.00
2	60	61.1	60	-1.1	4.00
3	85	87.2	85	-2.2	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)  
Calibration Engineer



Authorised Signatory

(Janardan Chavan)  
Technical Manager

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

Please Refer Note Backside of the Page