



# Avi Scientific (India)

CALIBRATION LABORATORY



## CALIBRATION CERTIFICATE

Format no.: CC-12 D

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Date of Calibration:	Next Cal. due on:	Date of Issue:	ULR No.:	CC264523000000036F			
06.04.2023	05.04.2024	07.04.2023	Certificate No:	AVI 2304035			
SRF No.	2300009	SRF Date	06.04.2023	Job No.	2304035	Job Date	06.04.2023

<b>Discipline : Thermal</b>		<b>Group : Temperature &amp; Humidity</b>					
Customer's Name & Address:			<b>The Lab Beyond Excellence</b> A-2, 001/002, Prabhakar CHS, Station Road, Shanti Nagar Sec-4, Mira Road (E), Thane-401 107				
Customer Reference/Challan No			-				
Receipt Date			06.04.2023				
Condition on receipt			Satisfactory				
Calibration Carried Out			Inhouse				
<b>Description of item Calibrated:</b>							
Instrument			Digital Thermohygrometer				
Make			HTC				
Model			HTC-1				
Serial No.			-				
Identification No.			TLP/DTH/04				
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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CC - 2645

## CALIBRATION CERTIFICATE

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Date of Calibration:	Recomm. due Date	Date of Issue:	ULR No.:	CC264523000000036F			
06.04.2023	05.04.2024	07.04.2023	Certificate No:	AVI 2304035			
SRF No.	2300009	SRF Date	06.04.2023	Job No.	2304035	Job Date	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	30.5	30.0	-0.5	1.20
3	40	40.2	40.0	-0.2	1.20

#### Relative Humidity @ 25°C

Unit of measurement : %RH

Sl. No.	Test Point	Standard Reading	UUC Reading	Error	Expanded Uncertainty (±)
1	30	31.2	30	-1.2	4.00
2	60	61.6	60	-1.6	4.00
3	85	87.1	85	-2.1	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 -----

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