



# Avi Scientific (India)

CALIBRATION LABORATORY



CC - 2645

## CALIBRATION CERTIFICATE

Format no.: CC-12 C

Page No: 1 of 2

Date of Calibration:	Next Cal. due on:	Date of Issue:	ULR No.:	CC26452300000026F			
06.04.2023	05.04.2024	07.04.2023	Certificate No:	AVI 2304025			
SRF No.	2300008	SRF Date	06.04.2023	Job No.	2304025	Job Date	06.04.2023

Discipline : Thermal

Group : Temperature

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
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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:	On-Site
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Description of item Calibrated:

Instrument	Digital Thermometer
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Make	-
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Model	TPM-10
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Serial No.	-
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Identification No.	TLP/DTM/05
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Range	(-50 to 110) °C
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Resolution	0.1°C
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Location	-
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Work Instruction No.	AVI/WI-14
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Environmental Condition	Temp. (°C): (25 ± 5) Relative Humidity (% RH) : (30 to 75)
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Equipment & Master Used for Calibration Used Standard equipments are traceable to the National Standard.

Equipment	Sr.No.	Certificate No	Validity up to	Traceability with
Digital Indicator with Temperature Sensor (4 wire).	Indi. : 019/420, Sensor : 1677	M-220827-10-4.	29/08/2023.	Godrej & Boyce Mfg.Co. Ltd, CC-2634

Authorised Signatory

  
(Janardan Chavan)  
Technical Manager



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### OBSERVATION TABLE

Unit of measurement : °C

Sr. No.	Test points	Standard Reading	UUC Reading	Error	Expanded Uncertainty (±)
1	-30	-29.81	-30.0	-0.19	0.60
2	-20	-19.78	-20.0	-0.22	0.60
3	-10	-9.29	-9.0	0.29	0.60
4	10	10.34	10.0	-0.34	0.60
5	30	30.39	30.0	-0.39	0.60
6	50	50.44	50.0	-0.44	0.60

Note: Calibration points are taken as per customer request

( The reported expanded uncertainty of measurement is multiplied by coveragefactor k=2,which corresponds to a coverge 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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