



Avi Scientific (India)

CALIBRATION LABORATORY



CALIBRATION CERTIFICATE

Format no.: CC-12 C

Page No: 1 of 2

Date of Calibration:	Next Cal. due on:	Date of Issue:	ULR No.:	CC264523000000030F			
06.04.2023	05.04.2024	07.04.2023	Certificate No:	AVI 2304029			
SRF No.	2300008	SRF Date	06.04.2023	Job No.	2304029	Job Date	06.04.2023

Discipline : Thermal Group : Temperature

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
Customer Reference/Challan No	-
Receipt Date	06.04.2023
Condition on receipt	Satisfactory
Calibration Carried out:	On-Site
Description of item Calibrated:	
Instrument	Digital Thermometer
Make	-
Model	TPM-10
Serial No.	-
Identification No.	TLP/DTM/03
Range	(-50 to 110) °C
Resolution	0.1°C
Location	-
Work Instruction No.	AVI/WI-14
Environmental Condition	Temp. (°C): (25 ± 5) Relative Humidity (% RH) : (30 to 75)

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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CC - 2645

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Date of Calibration:	Recomm. due Date	Date of Issue:	ULR No.:	CC264523000000030F			
06.04.2023	05.04.2024	07.04.2023	Certificate No:	AVI 2304029			
SRF No.	2300008	SRF Date	06.04.2023	Job No.	2304029	Job Date	06.04.2023

OBSERVATION TABLE

Unit of measurement : °C

Sr. No.	Test points	Standard Reading	UUC Reading	Error	Expanded Uncertainty (±)
1	-30	-29.78	-30.0	-0.22	0.60
2	-20	-19.76	-20.0	-0.24	0.60
3	-10	-9.27	-9.0	0.27	0.60
4	10	10.36	10.0	-0.36	0.60
5	30	30.41	30.0	-0.41	0.60
6	50	50.46	50.0	-0.46	0.60

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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