



Avi Scientific (India)

CALIBRATION LABORATORY



CC - 2645



CALIBRATION CERTIFICATE

Format no.: CC-12 C

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| | | | | | | | |
|--|-------------------|----------------------------|--|--------------------|---------|----------|------------|
| Date of Calibration: | Next Cal. due on: | Date of Issue: | ULR No.: | CC264523000000032F | | | |
| 06.04.2023 | 05.04.2024 | 07.04.2023 | Certificate No: | AVI 2304031 | | | |
| SRF No. | 2300008 | SRF Date | 06.04.2023 | Job No. | 2304031 | 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/01 | | | | |
| 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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| | | | | | | | |
|----------------------|------------------|----------------|-----------------|-------------------|---------|----------|------------|
| Date of Calibration: | Recomm. due Date | Date of Issue: | ULR No.: | CC26452300000032F | | | |
| 06.04.2023 | 05.04.2024 | 07.04.2023 | Certificate No: | AVI 2304031 | | | |
| SRF No. | 2300008 | SRF Date | 06.04.2023 | Job No. | 2304031 | Job Date | 06.04.2023 |


OBSERVATION TABLE

Unit of measurement : °C

| Sr. No. | Test points | Standard Reading | UUC Reading | Error | Expanded Uncertainty (±) |
|---------|-------------|------------------|-------------|-------|--------------------------|
| 1 | -30 | -29.82 | -30.0 | -0.18 | 0.60 |
| 2 | -20 | -19.77 | -20.0 | -0.23 | 0.60 |
| 3 | -10 | -9.27 | -9.0 | 0.27 | 0.60 |
| 4 | 10 | 10.35 | 10.0 | -0.35 | 0.60 |
| 5 | 30 | 30.44 | 30.0 | -0.44 | 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 coveragefactor k=2,which corresponds to a coverge probability of approximately 95% for a normal distribution)

Calibrated By

 (Prathamesh Mesiri)
 Calibration Engineer



Authorised Signatory

 (Janardan Chavan)
 Technical Manager

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

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