

TESTING MACHINE SERVICE CENTRE

ACCREDITED BY NABL

BALITIKURI SHIBTALA INDUSTRIAL ESTATE, HOWRAH - 711113, WB, INDIA
Website - www.testingmachine.org

FORM No. TMSC/MSD/FM-08



CC-2498



CALIBRATION CERTIFICATE

| | | | | | |
|---|--------------------------------|--|-------------------------------|-------------------|---|
| DESCRIPTION OF INSTRUMENTS | | Certificate No: | TMSC/24/T-01145 | | |
| NAME : | Digital Thermometer | ULR No: | CC249824000012813F | | |
| RANGE: | (-)50 to 300 °C | Certificate issue Date: | 05-08-2024 | | |
| LEAST COUNT: | 0.1 °C | Date of Calibration: | 03-08-2024 | | |
| MAKE: | Aceteq | Suggested Calibration Due On: | 02-08-2025 | | |
| MODEL NO/TYPE | ST-9283B / ---- | Job Code No: | TMSC/JUL/30/07 | | |
| SERIAL NO: | ---- | Customer's Details M/s. Vidyasagar State General Hospital. Add: 4, Bramho Samaj Road, Kolkata - 700034. | | | |
| I.D NO: | VSGH/DT-01 | | | | |
| VISUAL INSPECTION: | OK | | | | |
| ACCURACY: | N/A | | | | |
| CALIBRATED AT: | TMSC Lab | | | | |
| DISCIPLINE/GROUP | Thermal - Temperature | | | | |
| Environmental Conditions | Temperature | 25°C ±4°C | Calibration Reference | Comparison Method | |
| | Relative Humidity | 30% to 75% | Calibration Procedure | TMSC/MSD/WI-57 | |
| STANDARDS USED FOR CALIBRATION ARE TRACEABLE TO NATIONAL OR INTERNATIONAL STANDARDS THROUGH NABL ACCREDITED LABORATORY. MASTER (S) USED FOR CALIBRATION:- | | | | | |
| Instrument Name | Serial No. | Certificate No. | Valid Upto | Calibrated By | |
| PT100X1,SIMPLEX,4 WIRE RTD WITH CALSYS C-4004 | 22000136, CALS-T0030 | TL/024/409.1.1 | 15-04-2025 | CC-2840 | |
| CALIBRATION RESULTS | | | | | |
| Set Value in °C | Avg. Observed Value STD in (Ω) | Corresponding Value in °C | Avg. Observed Value DUC in °C | Error in °C | Expanded Uncertainty at 95% confidence level with k=2, (± °C) |
| 50.0 | 119.214 | 49.92 | 49.79 | -0.13 | 0.65 |
| 100.0 | 138.257 | 99.82 | 99.52 | -0.30 | |
| 140.0 | 153.272 | 139.71 | 139.25 | -0.46 | |
| 200.0 | 175.301 | 199.36 | 198.64 | -0.72 | |

REMARKS : The DUC* (DEVICE UNDER CALIBRATION) has been calibrated for its range.

Note : 1) This certificate refers only to the particular item (s) submitted for calibration.

2) This certificate refers to the values obtained at the time of calibration.

3) This certificate shall not be reproduced, except in full, unless written permission has been obtained from CEO/TMSC.

4) 5 Nos. measurements were made for each reading.

**** END OF CERTIFICATE****


 Calibrated By
 (Quality Manager)
AMIT MAJUMDAR




 Approved By
 (Technical Manager)
BHASKAR CHATTERJEE

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