

# Parashar Micro Measurement Pvt. Ltd.



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## Calibration Certificate

| ULR - CC279524000025097F                |  | Page 1 of 1        |                             |                 |                 |                         |
|---|--|--------------------|-----------------------------|-----------------|-----------------|-------------------------|
| Certificate Number : PMM/270424/11-2    |  | Date of Request    | 25.04.2024                  |                 |                 |                         |
| Calibrated For                          | M/s. AHM & Dufferin Female Hospital<br>Pathology Lab.<br>Kanpur. | Calibrated on      | 27.04.2024                  |                 |                 |                         |
|   |  | Suggested Due Date | 26.04.2025                  |                 |                 |                         |
|   |  | Cert. Issue Date   | 29.04.2024                  |                 |                 |                         |
| <b>Description of Equipments</b>        |  |                    |                             |                 |                 |                         |
| Nomenclature                            | Digital Thermometer With Sensor Of Refrigerator                  | Accuracy/Class     | Not Mentioned               |                 |                 |                         |
| Range                                   | -20 to 50 ° C  | Condition of UUC   | Physically Ok               |                 |                 |                         |
| Resolution / Least Count                | 0.1 ° C  | Serial No.         | 701108                      |                 |                 |                         |
| Make & Model No.                        | Western / SRC-500  | Party ID Mark No.  | -----                       |                 |                 |                         |
| Material / Type                         | -----  | Location           | -----                       |                 |                 |                         |
| <b>Master Equipment / Standard Used</b> |  |                    |                             |                 |                 |                         |
| Sr. No.                                 | Nomenclature   | Make & Model       | Serial No. / I/D Mark       | Calibrated From | Certificate No. | Due Date of Calibration |
| 1                                       | Digital Temperature Indicator With RTD Sensor                    | YCT<br>Tempenss    | PMM/RTDTHM/01<br>PMM/RTD/02 | PMMPL, Noida    | PMM/1562        | 01.02.2025              |

Standard used for calibration are traceable to Accredited lab, for Standard ISO/IEC : 17025 - 2017 or National Standards Through unbroken chain of calibration

|                                |               |                            |   |
|--------------------------------|---------------|----------------------------|---|
| Calibration Performed at       | Site          | Environmental Condition(s) | Temperature = 25 ± 5 °C<br>Humidity = 30 to 75 % RH |
| Calibration Procedure No.      | CP/T/S/04     |                            |   |
| Reference Standard / Guideline | DKD - R 5 - 7 |                            |   |

### Thermal Calibration

Temperature Scale - ITS-90

| CALIBRATION RESULTS |                              |                                       |               |                                      |
|---------------------|------------------------------|---------------------------------------|---------------|--------------------------------------|
| S.N.                | Nominal Value in UUC (in °C) | Actual Observed Value in Std. (in °C) | Error (in °C) | ± Uncertainty in Measurement (in °C) |
| 1                   | 2.1                          | 2.17                                  | -0.07         | 0.59                                 |
| 2                   | 3.9                          | 4.02                                  | -0.12         | 0.59                                 |
| 3                   | 6.1                          | 6.24                                  | -0.14         | 0.59                                 |
| 4                   | 8.0                          | 8.21                                  | -0.21         | 0.59                                 |

UUC - Unit Under Calibration

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor  $k = 2$ )

*Aakash*  
 Calibrated By : Aakash Kumar  
 Designation : Calibration Engineer



*Jai Prakash*  
 Approved By : Jai Prakash  
 Designation : Tech. Manager / Auth. Sign.

**Conditions :** 1. This certificate refers only to the particular item submitted for calibration.  
 2. The calibration result reported in this certificate are valid at the time of and under the stated conditions of measurement.  
 3. This particular certificate can not be reproduced except in full, without prior permission of chief executive officer of the lab.