



CALIBRATION CERTIFICATE

| | | | |
|-----------------|--|--------------|-----------------------|
| Certificate No. | KRC/2022/HH/012-005 | Discipline | Thermal {Temperature} |
| ULR. No. | CC205322000001062F | Performed at | Lab |
| User Name: M/s | Health Care Path Lab Unique Estate, 976/976 Khasra Number 559, Jhajjar Road, Dev Nagar, Bahadurgarh, Jhajjar, Haryana - 124507. | | |

| | | | |
|------------------------|-----------------------|------------------------|------------|
| Equipment Name | Refrigerator | Location | Lab |
| Unit Under Calibration | Temperature Indicator | Visual Inspection | OK |
| Make / Model No. | HTC / ----- | Date of receipt of UUC | 21-08-2022 |
| Range (°C) | -10 to -20 °C | Calibration Date | 22-08-2022 |
| I.D. No./Serial No. | ----- / ----- | Calibration Due Date | 21-08-2023 |
| Least count (°C) | 1 °C | Date of Issue | 24-08-2022 |

| | | | |
|------------------------------------|--------------------------|-------------------------|-------------------|
| Reference Standard | ITS-90, IS:7358, IS:2848 | Environmental Condition | |
| Reference Document For Calibration | KRC/CPM/7.2-01-T-WI | Temperature | Relative Humidity |
| | | 25 ± 4 °C | 30 to 70 % RH |

Standard Equipment Used for Calibration

| Instrument Name | Make / Model No. | Serial / I.D. No. | Traceability | Certificate No. | Suggested Due Date |
|--------------------|------------------|-------------------|--------------|----------------------|--------------------|
| PRT with Indicator | Fluke / 5609 | 05151 | FARELABS | FL/C/TH/23112021-020 | 25-Nov-2022 |

Calibration Results

| Sr. no. | Nominal Value | Master Reading in(°C) | UUC Reading in(°C) | Error (°C) | Ex. Uncertainty (°C) |
|---------|---------------|-----------------------|--------------------|------------|----------------------|
| 1 | -10 | -10.089 | -10.1 | -0.011 | 0.59 |
| 2 | -15 | -15.134 | -15.2 | -0.066 | |
| 3 | -20 | -20.311 | -20.4 | -0.089 | |

Uncertainty of Measurement: The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$ such that the coverage probability corresponds to approximately 95%.)

Note:

1. The calibration results reported in this certificate are valid at the time of and the stated condition of measurement.
2. The results reported relate only to the above calibrated item.
3. This report should not be reproduced except in full without our prior permission in writing.
4. Calibration certificate without signature are not valid.
5. UUC stands for unit under calibration.

Calibrated By
Calibration Engineer

END OF REPORT

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