



Quality Services & Laboratories

Plot No.10, Second Floor, D.S.I.D.C. Scheme - III
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CC-2900

CALIBRATION CERTIFICATE

Unique Lab Report No. : ULR-CC290023000004055F Page 1 of 1
Certificate No. : QSL/DEL/CAL/23053101.01 SRF No. : QSL/23053101
Date of Calibration: 31.05.2023 Suggested Due Date: 31.05.2024
Date of Receipt of Instruments: 31.05.2023 Date of Issue: 01.06.2023

Customer Name & Address:

M/s: Jai Prakash Hospital Bhopal
(1st floor Central Processing Lab) Tulsi Nagar Bhopal-(M.P.)

Description of Instrument:

| | | | |
|--|-------------------|---|-----------|
| Name : Temp.indicator.with Sensor(Refrigerator) | Range | : | 0 to 8 °C |
| Make : Kelvinator | Least Count | : | 0.1 °C |
| S. No. : ---- | Accuracy | : | ---- |
| Model No. ---- | Performed at | : | Site |
| Location: 1 st floor Central Processing Lab | Visual Inspection | : | OK |
| Customer ID: JP/CPL/DEF/15 | Zero Error | : | Nil |

Environmental Condition:

| | | | | |
|---------------|------------|----------|---|------------|
| Temperature : | 25°C ± 5°C | Humidity | : | 45% to 75% |
|---------------|------------|----------|---|------------|

Methodology of Calibration:

| | | |
|------------------------------|------------------------|-------------|
| Reference Standard: ITS : 90 | Work Instruction No. : | QSL/WI/T/02 |
|------------------------------|------------------------|-------------|

Standard & Major Equipment (s) Used for calibration:

| S. No. | Instrument Name | Make | S. No./Model No. | Certificate No. | Calibrated By | Valid Upto |
|--------|---------------------------------|------------|------------------------|-----------------|---------------|------------|
| 1. | 4-wire RTD Sensor | Tempson | 2972CC257522000012885F | Emm-Tech | 25.06.2023 | |
| 2. | High Precision Dig. Thermometer | Udain ---- | CC257522000013804F | Emm-Tech | 09.07.2023 | |

Calibration Result:

| S.No. | UUC Value in °C | Std Value in °C | Error in °C | Uncertainty of Measurement (±) |
|-------|-----------------|-----------------|-------------|--------------------------------|
| 1. | 2.0 | 2.101 | -0.101 | ± 0.8 °C |
| 2. | 3.0 | 3.128 | -0.128 | |
| 3. | 4.0 | 4.132 | -0.132 | |
| 4. | 6.0 | 6.140 | -0.140 | |
| 5. | 8.0 | 8.165 | -0.165 | |

(The reported expanded Uncertainty in measurement is stated as the standard uncertainty in measurement multiplied by the coverage factor k = 2, which for a normal distribution corresponds to a coverage probability of approximately 95%)

Note:

- *The calibration results reported in this calibration certificate are valid at the time of & under stated conditions of measurement.
- *This certificate cannot be reproduced except in full without our prior permission in writing.
- *This certificate refers only to the particular item (s) calibrated.
- *Laboratory standard are traceable to national standards.
- *UUC: Unit Under Calibration

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| Prepared By Customer Service Cell (Gajendra Singh) | Approved By CEO (Mridul Koni) |
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