



# R-TECH CALIBRATION

ISO/IEC 17025:2017 - NABL ACCREDITED LABORATORY

52/1, Pathak Para Road, Behala, Room No. G1, Kolkata - 700 060



CC-3301



## CALIBRATION CERTIFICATE

|                              |                                |                                   |
|------------------------------|--------------------------------|-----------------------------------|
| ULR : CC33012400000007F      | CERTIFICATE NO.: RTC/24/007    |                                   |
| Date of Receipt: 02-Jan-24   | Date of Calibration: 03-Jan-24 | Certificate Issue Date: 05-Jan-24 |
| Location of Calibration: LAB |                                | Suggested Due Date: 02-Jan-25     |
|                              |                                | SRF No./ Date: SRF/23/002         |

|  |                          |                                 |
|--|--------------------------|---------------------------------|
| Name of Customer : M/s<br><b>GOODDAYS DIAGNOSTIC CENTRE</b><br>Farmside Road, Kodalia Gram Panchayat,<br>Chinsurah, Hooghly Pin-712 102, West Bengal | Environmental Conditions |                                 |
|  | Temperature: 25 ± 4°C    | Relative Humidity: 30 to 75% RH |

|                    |                                |                         |             |          |       |              |
|--------------------|--------------------------------|-------------------------|-------------|----------|-------|--------------|
| Description of DUC | Digital Thermometer (Pen Type) |                         | Make        | Multi    | Range | -50 to 300°C |
| Name of Equipment: | Digital Thermometer (Pen Type) |                         | Model       | ST-9283B | L.C.  | 0.1°C        |
| Condition of Item: | Good                           | Calibration Discipline  | Thermal     | ID. No.  | N/M   | Type         |
| Location of DUC :  | N/M                            | Calibration Parameter : | Temperature | Sr. No.  | N/M   | Accuracy     |
|                    |                                |                         |             |          |       | N/M          |

### REFERENCE STANDARD & MEASUREMENT TRACEABILITY

| Name       | Serial No.        | Certificate No.  | Calibration Date | Due Date  | Traceability No. |
|------------|-------------------|------------------|------------------|-----------|------------------|
| 4 Wire RTD | 20L737925 (indi.) | ATL/T/160523/002 | 16-May-23        | 16-May-24 | CC-2590          |

Calibration Procedure No.: The Calibration is carried out as per the "RTC-CP-T-01".

### CALIBRATION RESULT

| Sr. No. | Calibration Point (°C) | Avg. Standard Reading (°C) | Avg. DUC Reading (°C) | Deviation (°C) | Expanded Uncertainty (°C) |
|---------|------------------------|----------------------------|-----------------------|----------------|---------------------------|
| 1       | 50                     | 50.01                      | 49.9                  | -0.11          | ±1.27                     |
| 2       | 100                    | 100.11                     | 100.2                 | 0.09           | ±1.27                     |
| 3       | 150                    | 150.07                     | 150.0                 | -0.07          | ±1.27                     |
| 4       | 180                    | 180.04                     | 180.1                 | 0.06           | ±1.27                     |
| 5       | 200                    | 200.20                     | 200.3                 | 0.10           | ±1.27                     |

Note: \*DUC: Device Under Calibration , N/M : Not Mentioned.

The Error is positive except when indicated otherwise. It has to algebraically subtracted from DUC Reading in order to get the standard reading. The Expanded Uncertainty associated with measurement at 95.4% confidence level & coverage factor K = 2 is above under uncertainty column.

- Note :-
1. This certificate refers only to the particular item(s) submitted for calibration at Site/Laboratory.
  2. Results reported are valid at the time of and under the stated conditions of measurement.
  3. Certificate should not be reproduced, except in full, without the prior permission of laboratory.
  4. Next Calibration due date mentioned as per customer requirement.
  5. All reference standard used for calibration are traceable to National Standard.

\*\*\*\*\* End of Certificate \*\*\*\*\*

*Vishal*



*Ramy*

|  |  |
|--|--|
| Calibration Engineer<br>(Vishal Kumar) | Authorized Signatory<br>(Ramasare Prajapati) |
|--|--|

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