



# Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments

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## CALIBRATION CERTIFICATE

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### CALIBRATION CERTIFICATE OF DIGITAL TEMPERATURE INDICATOR WITH SENSOR

|                             |                         |                  |            |
|-----------------------------|-------------------------|------------------|------------|
| Calibration Certificate No. | 21100009058             | Issued On        | 21/07/2021 |
| ULR No.                     | CC214621100009058F      | Calibration Date | 19/07/2021 |
| Job Identification No.      | ICS/C/T/07/9058         | Next Due Date    | 18/07/2022 |
| Ref. No.                    | SRF, Dated - 16/07/2021 |                  |            |

**CALIBRATED FOR:** M/s Arth Diagnostics (P) Ltd.  
4C Apex Chamber, Behind Lok Kala Mandal,  
Opp. Canara Bank, Madhuban, Udaipur, (Rajasthan-313001).

#### EQUIPMENT DESCRIPTION

|            |   |                   |             |
|------------|---|-------------------|-------------|
| Name       | Digital Temperature Indicator with Sensor |                   |             |
| Make/Model | Mextech                                   | Visual Inspection | Ok          |
| Serial No. | ---                                       | I.D. No.          | ADPL/DTI/04 |
| Range      | -50°C to 200°C                            | Least Count       | 0.1° C      |
| Location   | Lab                                       | Calibration Site  | In-Lab      |

#### ENVIRONMENTAL CONDITIONS

|             |                  |          |              |
|-------------|------------------|----------|--------------|
| Temperature | 25.0 °C ± 3.0° C | Humidity | 50 ± 10 % RH |
|-------------|------------------|----------|--------------|

#### STANDARD REFERENCE DETAILS

Traceable to National Standard (NPL, New Delhi)

| Name of the Standard              | Make   | Certificate No.     | Calibration Agency/Traceability | Date of Calibration | Valid up to |
|-----------------------------------|--------|---------------------|---------------------------------|---------------------|-------------|
| RTD Sensor with Digital Indicator | Yudian | ETL/2070/21/C/F/060 | FCRI, Palakkad                  | 24-25/02/2021       | 25/02/2022  |

**USED EQUIPMENT DETAILS** Methanol Bath, Water Bath & Dry Block Calibrator  
**PRINCIPLE/METHODOLOGY OF CALIBRATION:** As per Calibration Procedure No.: ICS/CAL/SOP-TH02 (ITS-90) (Comparison Method)

**RESULTS: Thermal Calibration**  
All readings are in "° C"

| U.U.C. READING | CORRECTED VALUE OF STANDARD (Avg.) | Uncertainty at approx 95% C.L and coverage factor k=2 |
|----------------|------------------------------------|---|
| -20.0          | -19.874                            | ± 0.18  |
| 30.0           | 30.133                             | ± 0.28  |
| 50.0           | 50.212                             | ± 0.28  |
| 100.0          | 100.329                            | ± 0.41  |
| 200.0          | 200.451                            | ± 0.41  |

**REMARKS:** The recommended date for next calibration is mentioned, as asked by the customer.

\*\*\*END OF REPORT\*\*\*

- Note :**
- This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.
  - The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
  - Total liability of our Organisation is limited to the invoiced amount.
  - Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.
  - In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.
  - The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

For and on behalf of  
Indian Calibration Services

Checked by

Authorised Signatory

RAJESH KAPOOR  
Operation-Head