



# Multitech Technofab Enterprises

An NABL Accredited Laboratory Vide Certificate No.: CC-3225

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## CALIBRATION CERTIFICATE

Calibration Certificate No.: MTE/204/CC/6779

ULR : CC322522000002020F

Certificate Issued on: 11-06-2022

Job / Identification No. : MTE/CAL/JOB/8314

Date of Calibration : 04-06-2022

Item Receipt Date: 02-06-2022

Recommended Date of Next Calibration: 04-06-2023

Calibrated For Orbit Health Care and Diagnostic Centre  
325/11 Near Aryan Hospital, Old Railway Road, Gurugram Haryana Reference : Order thru Telephonic

Discipline Thermal Group Temperature

Certificate for : Digital Temperature Indicator with Sensor Item Location : Lab

| Make / Model            | Serial / I.D. No. | Range               | Item Condition |
|-------------------------|-------------------|---------------------|----------------|
| ACETEIQ / ST-9283B      | NA / NA           | Mentioned hereunder | Working        |
| Environmental Condition |                   | 22.8 ± 0.5 °C       | 51 ± 3% RH     |

### STANDARD REFERENCE DETAILS Traceable to National / International Standard

| Name of the Standard                      | Make / Model                           | Certificate No.        | Calibration Agency           | Valid up to |
|---|--|------------------------|------------------------------|-------------|
| 4 Wire RTD (PT-100) Sensor with Indicator | Tempens and Lutron / PT-100 and TM-917 | ULR-CC288821000001903F | Sigma Test & Research Centre | 18-12-2022  |

### USED EQUIPMENT DETAILS

1. Methanol Bath

### Calibration Procedure

Lab Procedure : MTE-2/T/2.4

STD Procedure : DKD-R-5-1 & EURAMET CG-8

RESULTS: In-Lab Calibration  
All Readings are in °C, Specified Otherwise

| SET AT      | U.U.C. READING (AVERAGE)            | CORRECTED VALUE OF STANDARD (AVERAGE) | ERROR  | UNCERTAINTY <sup>^</sup> |
|-------------|-------------------------------------|---------------------------------------|--------|--------------------------|
| Temperature | Range -50 to 300 °C Least Count 0.1 |                                       |        |                          |
| -20 °C      | -19.8 °C                            | -19.96 °C                             | 0.127  | ± 0.240 °C               |
| -10 °C      | -9.8 °C                             | -9.93 °C                              | 0.160  | ± 0.240 °C               |
| 0 °C        | 0.0 °C                              | 0.00 °C                               | 0.030  | ± 0.240 °C               |
| 5 °C        | 4.8 °C                              | 4.91 °C                               | -0.073 | ± 0.240 °C               |
| 10 °C       | 9.7 °C                              | 9.89 °C                               | -0.157 | ± 0.240 °C               |

<sup>^</sup>The reported uncertainty in measurement is stated as the standard uncertainty multiplied by the coverage factor k = 2, which for a normal distribution corresponds to a coverage probability of approximately 95% confidence level.

### REMARKS:

- The recommended date for next calibration is mentioned, as asked by the customer.
- Conformity remark is evaluated for observed error, without taking uncertainty contribution.

### Note

- This report is not to be reported wholly or in part and cannot be used as evidence in any court of law and not to be used in any advertising media without our special permission in writing.
- The result listed refers only to the calibrated samples and applicable parameters Endorsement of products is neither inferred nor implied.
- Total liability of our organization 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 Calibration Certificate is required, please contact our office

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

Calibrated By VISHVESH DWIVEDI  
Technical Executive

For and on behalf of  
**Multitech Technofab Enterprises**  
  
 Laboratory Head