



CALIBRATION CERTIFICATE

| | | |
|------------------------------------|-------------------------------------|----------------|
| CERTIFICATE NO: SBS/CL/21-22/12525 | THERMAL | Page No:1 of 1 |
| Issue Date | 19-11-2021 | |
| SRF No & Date | SBS/SRF/21-22/0161-001 & 19-11-2021 | |
| Receipt Date | 19-11-2021 | |
| Calibration Date | 19-11-2021 | |
| Calibration Due | 18-11-2022 | |

Customer Name & Address

MEDITECH DIAGNOSTIC CENTRE,
WEST MAMBALAM, CHENNAI.

Details of Device Under Calibration (DUC)

| | | | |
|---------------|-----------------------------------|-------------------|--------------|
| Description | TEMPERATURE INDICATOR WITH SENSOR | Make & Model | STC-1000 |
| Range | -50°C to 99°C | Sr. No | NA |
| Least Count | 0.1°C | Identification No | |
| DUC Condition | Satisfactory | Location | REFRIGERATOR |

Environmental Conditions & Calibration Procedure Details

| | | | |
|--------------------------|----------------------|---------------------|--------|
| Environmental Details | Temperature: 24.4° C | Relative Humidity | 52% Rh |
| Calibration Procedure No | SBS/CP/TH/02 | Calibration done at | LAB |

Reference Standards Details

| S.No | Description | Make/ SI No: | Certificate No | Validity |
|------|-------------------|------------------------|---------------------|------------|
| 1 | Digital mutimeter | GW Instek / GES 817082 | HT/CC/210702-18/001 | 05/07/2022 |
| 2 | 4 Wire RTD Sensor | TempsenDevices/TD27405 | HT/CC/210702-18/004 | |

CALIBRATION RESULTS

| S.No. | STANDARD INSTRUMENTS READINGS | DEVICE UNDER CALIBRATION READINGS | DEVIATION | EXPANDED UNCERTAINTY (±) |
|-------|-------------------------------|-----------------------------------|-----------|--------------------------|
| | °C | °C | °C | °C |
| 1 | 2.00 | 1.96 | -0.04 | 0.22 |
| 2 | 4.00 | 3.94 | -0.06 | 0.22 |
| 3 | 5.00 | 4.92 | -0.08 | 0.23 |
| 4 | 6.00 | 5.91 | -0.09 | 0.23 |
| 5 | 8.00 | 7.90 | -0.10 | 0.23 |

REMARKS

- 1.This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 2.The user should determine the suitability of the instrument for its intended use.
- 3.The recalibration interval should be determined on the user requirement.
- 4.The results stated in this certificate relate only to the item calibrated.
- 5.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00 .
6. Equipment used for Calibration were calibrated & traceable to National & International Standards

Calibrated By

(Calibration Engineer)
(R.Yaziniyan)



Authorised Signatory

(Technical Manager) (Chief Executive)



CALIBRATION CERTIFICATE

| | | |
|------------------------------------|-------------------------------------|----------------|
| CERTIFICATE NO: SBS/CL/21-22/12526 | THERMAL | Page No:1 of 1 |
| Issue Date | 19-11-2021 | |
| SRF No & Date | SBS/SRF/21-22/0161-002 & 19-11-2021 | |
| Receipt Date | 19-11-2021 | |
| Calibration Date | 19-11-2021 | |
| Calibration Due | 18-11-2022 | |

Customer Name & Address
 MEDITECH DIAGNOSTIC CENTRE,
 WEST MAMBALAM, CHENNAI.

| Details of Device Under Calibration (DUC) | | | |
|---|-----------------------------------|-------------------|---------------------|
| Description | TEMPERATURE INDICATOR WITH SENSOR | Make & Model | STC-1000 |
| Range | -50°C to 99°C | Sr. No | NA |
| Least Count | 0.1°C | Identification No | |
| DUC Condition | Satisfactory | Location | FREEZER COMPARTMENT |

| Environmental Conditions & Calibration Procedure Details | | | |
|--|----------------------|---------------------|--------|
| Environmental Details | Temperature: 24.4° C | Relative Humidity | 52% Rh |
| Calibration Procedure No | SBS/CP/TH/02 | Calibration done at | LAB |

| Reference Standards Details | | | | |
|-----------------------------|-------------------|------------------------|---------------------|------------|
| S.No | Description | Make/ SI No: | Certificate No | Validity |
| 1 | Digital mutimeter | GW Instek / GES 817082 | HT/CC/210702-18/001 | 05/07/2022 |
| 2 | 4 Wire RTD Sensor | TempsenDevices/TD27405 | HT/CC/210702-18/004 | |

| CALIBRATION RESULTS | | | | |
|---------------------|-------------------------------|-----------------------------------|-----------|--------------------------|
| S.No. | STANDARD INSTRUMENTS READINGS | DEVICE UNDER CALIBRATION READINGS | DEVIATION | EXPANDED UNCERTAINTY (±) |
| | °C | °C | °C | °C |
| 1 | -2.00 | -1.97 | 0.03 | 0.22 |
| 2 | -4.00 | -3.97 | 0.03 | 0.22 |
| 3 | -6.00 | -6.94 | -0.94 | 0.23 |
| 4 | -8.00 | -7.92 | 0.08 | 0.23 |
| 5 | -15.00 | -14.90 | 0.10 | 0.23 |

- REMARKS**
- This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
 - The user should determine the suitability of the instrument for its intended use.
 - The recalibration interval should be determined on the user requirement.
 - The results stated in this certificate relate only to the item calibrated.
 - The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00 .
 - Equipment used for Calibration were calibrated & traceable to National & International Standards

Calibrated By (Calibration Engineer)
 (R. Yaziniyan)

Authorised Signatory
 (Technical Manager) (Chief Executive)