



# RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

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CC-2927

## CALIBRATION CERTIFICATE

### 1. CUSTOMER :-

Dr. Kakade Pathology Lab  
Kolhapur Naka, Karad

Ambient Temp. (°C) :- 23.2  
Relative Humidity (%RH) :- 53  
Location of calibration :- In Lab/On Site  
Condition of Item :- Ok

Page No. :- 1 of 1  
NABL Accreditation No. :- CC-2927  
Certificate No. :- 24.04.16.002  
Date of Received :- 16.04.2024  
Date of Calibration :- 16.04.2024  
Next Calibration Due On :- 15.04.2025  
Calibration method No. :- RTS-WI-10  
Date of Issue :- 18.04.2024  
ULR No. :- CC292724000003802F

### 2. Description of Item

Name :- Refrigerator Range :- 2 to 8 / -20 °C  
Id No :- RF-01 Least Count :- 1 °C  
Make :- Samsung  
Type :- Location :- LAB

### 3. Detail of Equipment used for calibration

Name :- 6½ DMM PT 100 Sensor  
Certificate No. :- VI/23-24/5058-04 TL/023/675.1.1  
Certified By :- VI Tempens  
ID/Sr. No. :- TW00005089 TPRT-1574  
Calibration Validity :- 20.09.2024 05.06.2024

Discipline :- Thermal Calibration

Group :- Temperature

### 4. Calibration Results :-

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ±°C
-20	-20.05	-20	0.05	0.65
5	5.04	5	-0.04	0.65

#### Note:

- 1) The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor  $k=2$ , which corresponds to a coverage probability of approximately 95% for normal distribution
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications.
- 5) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Reliable Technical Services, Pune".
- 6) The Standard used are traceable to National / International Standard.
- 7) RTS is responsible for all the information in the calibration certificate, except that provided by the customer. Information supplied by the customer can affect the validity of the results'
- 8) Above results are valid for industrial & scientific purpose only

Calibrated By

*V. Sagat*

Calibration Engineer  
Vilas Sagat



Approved By

*SM*

Technical Manager  
Sachin A. Mhasawade



RF-21, R0

