



## CALIBRATION CERTIFICATE

### 1. CUSTOMER

Bhosari Hospital  
OPD Room No : 09, Near Ankushrao Landage,  
Sabhagarh Dhawade Wasti Bhosari

Ambient Temp. (°C) :- 25± 4  
Relative Humidity (%RH) :- 30 to 75  
Location of calibration :- In Lab  
Condition of Item :- Ok

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SRF No. :- GTS/220420/02  
Certificate No. :- GTS/220420/02-002  
Date of Received :- 20.04.2022  
Date of Calibration :- 20.04.2022  
Next Calibration Due On :- 19.04.2023  
Issue Date :- 08.05.2022  
Calibration method No. :- TH-WI-03  
ULR No. :- CC295722000003149F

### 2. Description of Item

Name :- Thermometer  
Id No :- BH/THM-01  
Make :-  
Type :- Digital  
Range :- -10 to 110 °c  
Least Count :- 0.1 °c  
Location :- ICTC (HIV Section)

### 3. Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID No.	Calibration Validity
Precision Thermometer With Sensor	NI/2106/002/004	Nishitronics Instrumentation	GTS/PTH/01	31.05.2022

### \*Thermal Calibration

### 4. Calibration Results

Calibration Points °c	Corrected Standard Reading °c	UUC Reading °c	Error in °c	Expanded Uncertainty in ± °C
2	1.83	2.1	0.27	0.50
5	4.78	5.1	0.32	0.50
8	7.68	8.1	0.42	0.50

### 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 95.45% 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 "Global Technical Services, Pune".
- 6) Type of immersion : Partial



Calibrated By

*Rohit*

Calibration Engineer

Rohit L

RF-55/01

Approved By

*Swapnil*

Technical Manager

Swapnil Bhagwat

End of Certificate