



## CALIBRATION CERTIFICATE

### 1.CUSTOMER :-

**SANJEEVANI LABORATORY**  
MANGAON, DIST. RAIGAD

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/221019/05  
Certificate No. :- GTS/221019/05- 008  
Date of Received :- 19.10.2022  
Date of Calibration :- 19.10.2022  
Next Calibration Due On :- 18.10.2023  
Issue Date :- 22.10.2022  
Calibration method No. :- TH-WI-05  
ULR No :- CC295722000010569F

### 2. Description of Item

Name :- Digital Hygrometer Range :- -50 to 80°C/10 to 99%RH  
Id No :- SL/HYGRO/01 Least Count :- 0.1°C/1%RH  
Make :- HTC Location :- Pathology Lab  
Type :- Digital  
Sr No :- HTC 1  
Dept. :- Pathology

### 3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID No.	Calibration Validity
Temperature and Humidity Indicator With Sensor	NI/2112/050/003	Nishitronics Instrumentation	GTS/THIS/01	17.12.2022

### \*Discipline Thermal Calibration (Specific heat & Humidity)

### 4.Calibration Results :-

#### Temperature @ 50%RH

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Unc. in ± °C
20	19.74	20.3	0.56	0.90
30	29.78	30.2	0.42	0.90
40	39.82	40.1	0.28	0.90

#### Humidity @25°C

%RH	%RH	%RH	%RH	in ± %RH
30	29.69	30	0.31	2.40
60	59.75	60	0.25	2.40
90	89.77	91	1.23	2.40

### 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)The Instruments used for calibration are traceable to National/International standards and their Calibrations are valid.

Calibrated By

*Rohit L*

Calibration Engineer

Rohit L

RF-55/01



Approved By

*Swapnil*

Technical Manager  
Swapnil Bhagwat

End of Certificate