



CALIBRATION CERTIFICATE

1.CUSTOMER		Page No.	- 1 of 1
Bhosari Hospital		SRF NO.	- GTS/220420/02
OPD Room No : 09, Near Ankushrao Landage,		Certificate No.	- GTS/220420/02-004
Sabhagarh Dhawade Wasti Bhosari		Date of Received	- 20.04.2022
Ambient Temp. (°C) :- 25 ± 4		Date of Calibration	- 20.04.2022
Relative Humidity (%RH) :- 30 to 75		Next Calibration Due On	- 19.04.2023
Location of calibration :- In Lab		Issue Date	- 08.05.2022
Condition of Item :- Ok		Calibration method No.	- TH-WI-05
		ULR No	- CC295722000003151F

2. Description of Item			
Name	- Thermo Hygrometer	Range	- -50 to 70°C / 10 to 99% RH
Id No	- BH/THYM-01	Least Count	- 0.1°C / 1% RH
Make	- HTC-1	Location	- ICTC (HIV Section)
Type	- Digital		

3.Details of Equipment used for calibration				
Name	Certificate No.	Certified By	ID No.	Calibration Validity
TEMP. & HUMIDITY IND. WITH SENSOR	NI/2112/050/003	Nishitronics	GTS/THIS/01	17.12.2022

*Discipline-Thermal Calibration

4.Calibration Results				
Parameter Unit:°C	Standard Reading Unit:°C	UUC Reading Unit:°C	Error in Unit:°C	Expanded Unc. in ± °C
Relative Humidity set @ 50 % RH	10.11	10.3	0.19	0.90
	20.05	20.3	0.25	0.90
	40.05	40.4	0.35	0.90
Unit:%RH	Unit:%RH	Unit:%RH	Unit:%RH	in ± %RH
Temperature Set @ 25°C	20.49	21	0.51	2.80
	50.44	52	1.56	2.80
	90.31	92	1.69	2.80

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

P.T

Calibration Engineer

Poonam.T

RF-55/01



Authorized Signatory

Technical Manager

Swapnil Bhagwat

End of Certificate

Email : globaltechnical007@gmail.com