

## CALIBRATION CERTIFICATE

Discipline:- Thermal		7.8 F-02/(T)	Page 1 of 1
ULR No. - CC221321000001615F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/02		Date of Receipt of Item	19.01.2021
Calibrated For	M/S Mayom Multispeciality Hospital	Calibrated on	19.01.2021
	South City - 1, D - Block , Sector - 41,	Suggested Next Due Date	19.01.2022
	Gurgaon - 122003	Cert. Issue Date	20.01.2021

### Description of Sample

Nomenclature	Digital Thermo Hygrometer with Sensor of Refrigerator	Accuracy	N/A
Make	Tempotec	Condition of UUC	OK
Range	Upto 60°C / 10 to 99 %RH	Calibration Performed at	Lab
Least count	0.1°C / 1%RH	Calibration Procedure No.	CP/T-08
Serial No./Model	---- / GNF 220X	Test Purpose	Calibration
Party ID Mark No.	MH/ME/JAN-11/LAB/RF/02	Reference Standard	ITS-90
Location	Laboratory	Environmental Cond's	25±4°C
		RH %	30 to 75 % RH

### Master Equipment / Standard Used

S.No.	Nomenclature	Make	S.No./ ID Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Digital Temperature & Humidity Meter With Sensor	Polltech	20275540 NCL/DTHM-01	Transcal	TSC/20-21/8834-2	08.12.2021

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

### RESULTS

S.No.	UUC Value (°C)	Standard Value (°C) @ 50%RH	Error (°C)	Uncertainty (±°C)
1	15.0	14.91	0.09	0.46
2	24.9	24.74	0.16	
3	49.9	49.67	0.23	
S.No.	UUC Value (%RH)	Standard Value (%RH) @ 25 °C	Error (%RH)	Uncertainty (±%RH)
1	29	28.95	0.05	0.94
2	44	43.65	0.35	
3	84	83.37	0.63	

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor  $k = 2$ .

**Remarks:**

**NOTE:-**

1. This results of calibration refers only to the particular item submitted for calibration
2. This certificate shall not be reproduce,expert in full, without the written permission of the laboratory.
3. The above result are valid at the time of and under the stated condition of measurement.
4. Calibration certificate without signature are not valid.
5. \*UUC = Unit under Calibration
6. Statement of conformity and applicable decision rule as standard.

Calibrated By

Calibration Engineer



Approved By

Quality Manager/Technical Manager