

CALIBRATION CERTIFICATE

Format No.: QSP-012/F04-00

Name & Address of Customer: ICTC LAB AREA HOSPITAL Devarakonda, Nalgonda Dist, Telanagana.		Certificate No. : HTL/23-24/302-0005		
		Page No. : 1 of 2		
		Place of Calibration : Lab		
		ULR No. : CC309323000004175F		
Condition of UUC (At the time of receipt) Satisfactory	Equipment Receipt Date 23/11/2023	Date of Calibration 23/11/2023	Suggested Next Due 22/11/2024	Certificate Issue Date 25/11/2023

Details of Unit Under Calibration:

Instrument Name	: Digital Thermo Hygrometer with Probe			
Make	: HTC			
Model	: HTC-2	Range	: Temp: -50 to 70°C/Humidity: 10 to 99%RH	
Id. No.	: ICTC/THM/01	Resolution	: Temp: 0.1°C/ Humidity: 1%RH	


Details of Reference Standard:

Nomenclature of Standard	Id. No. / Sr. No.	Certificate No.	Calibration Due
Digital Hygrothermo Meter with Probe	HTL/TH/011	SL2309TL0836-002	24/09/2024

Environmental Condition: Temperature: **25±4 °C**, Relative Humidity: **30 to 75 %RH**.
 Calibration Procedure: SCP/H01

Results of Calibration:		In Temperature @ 50%RH			Unit of Measurement: °C
Sr. No.	Set Temperature (°C)	STD Reading (°C)	UUC Reading (°C)	Error (°C)	Expanded Uncertainty(±°C)
	A	B	C	(C-B)	
1	10.0	10.05	10.1	0.05	0.49
2	20.0	20.05	20.2	0.15	0.49
3	30.0	30.15	30.4	0.25	0.49
4	40.0	40.21	40.4	0.19	0.49
5	50.0	50.28	50.6	0.32	0.49

Results of Calibration:		Humidity @ 25 °C			Unit of Measurement: %RH
Sr. No.	Set Humidity (%RH)	STD Reading (%RH)	UUC Reading (%RH)	Error (%RH)	Expanded Uncertainty(±%RH)
	A	B	C	(C-B)	
1	15.0	15.15	15	-0.15	1.99
2	30.0	30.35	30	-0.35	1.99
3	50.0	50.49	50	-0.49	1.99
4	70.0	70.76	70	-0.76	1.99
5	90.0	90.95	90	-0.95	1.99


 Calibrated By
Jaya Chandra
 Calibration Engineer




 Certificate Approved By
N. Ramesh
 Director- Operations