



# UNIQUE CALIBRATION & CONSULTANT SERVICES

AN ISO 9001:2015 CERTIFIED CALIBRATION LABORATORY



## CALIBRATION CERTIFICATE

Format No. UCCS-QF-7.8.1		Certificate No. UCCSCC20221219-010		ULR No. CC328722000005717F	
Group: Temperature & Humidity			Discipline: Thermal		
Customer's Name & Address			Page No.: 1 of 1	Calibration Performed: At Lab	
M/s. RSD Hospital & Research Center Moradabad			Date of Receipt: 20-02-2023		
			Service Request No.: UCCSSRN20221219-001		
			Certificate Issue Date: 20-02-2023		
			Date of Calibration: 20-02-2023		
			Next Due Date (Suggested by Customer): 19-02-2024		
Equipment Description (UUC) & Identification					
Name of the Instrument: Digital Thermo Hygrometer			Make: HTC		
			Model: HTC-01		
Range: 0 °C to 50 °C & 10 %RH to 99 %RH			Sr.No.: -----		
Least Count: 0.1 °C & 1 %RH			I.D. No.: HG-01		
Condition of Instrument: Ok			Location: Lab		
Master Equipment Used					
S.No.	Instrument Name	Range & Serial No.	Calibration Agency	Calibration Certificate No.	Valid Up to
1	Dig. Temp. & Hum. Meter With Ext. Sensor	As per manual & HTC1809CG0149	Acumen Measurements & Consultancy Pvt. Ltd.	AMC/00000398	14-02-2023
Environmental Conditions			Calibration Procedure	Calibration Reference Standard	
Temperature: 25 ± 4 °C, Humidity: 50 ± 10 %RH			UCCS 03 SOP 024 & 028	-----	

### CALIBRATION RESULTS

S.No.	Set Value (°C) @ 50 %RH	UUC Value (°C)	Ref. Standard Value (°C)	Error (°C)	Expanded Uncertainty (± °C)
1	10	9.8	10.0	-0.2	0.56
2	25	25.0	25.3	-0.3	0.56
3	30	29.8	30.1	-0.3	0.56
4	40	39.8	40.2	-0.4	0.56
5	45	44.7	45.1	-0.4	0.56

S.No.	Set Value (%RH) @ 25 °C	UUC Value (%RH)	Ref. Standard Value (%RH)	Error (%RH)	Expanded Uncertainty (± %RH)
+1	30	30	30.3	-0.3	2.33
2	45	45	45.5	-0.5	2.33
3	60	60	60.7	-0.7	2.33
4	75	76	76.8	-0.8	2.33
5	90	90	91.3	-1.3	2.33

**\*\*End of Certificate\*\***

Calibrated By  
Jata Shankar  
Calibration  
Engineer

Authorized  
Signature  
Reviewed/Approved By  
Vikash Kumar  
Technical Manager

- Note: - 1. The calibration results reported in this certificate are valid at the time of and stated condition of measurement.  
 2. This report is not to be reproducing wholly or in part and cannot be used as evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.  
 15. Total liability of our Organization is limited to the invoiced amount.  
 16. Calibration Certificate without signature are not valid.  
 17. All our certificates are metrological traceable.  
 18. The results relate only to the item calibrated.  
 19. UUC: Unit Under Calibration.  
 20. Expanded Uncertainty at 95 % confidence level with coverage factor K=2.

