



# SURYAADARASH CALIBRATION AND CONSULTANT (OPC) PVT. LTD.

Formerly UNIQUE CALIBRATION & CONSULTANT SERVICES

AN ISO 9001:2015 CERTIFIED CALIBRATION LABORATORY

NABL Accredited Calibration Laboratory As per ISO/IEC 17025:2017



WE ALWAYS TRY TO GET BEST MEASUREMENT

## CALIBRATION CERTIFICATE

Format No.: SCCPL-QF-7.8.1		Certificate No.: SCCPLCC20240118-031		ULR No.: CC32872400002181F	
Group: Temperature & Humidity			Discipline: Thermal		
Customer's Name & Address			Page No.: 1 of 1	Calibration Performed: At Lab	
M/s. Civil Hospital Ashta Central Processing Lab Near Bus Stand Ashta, MP -466116			Date of Receipt: 18-01-2024		
			Service Request No.: SCCPLSRN20240118-002		
			Certificate Issue Date: 20-01-2024		
			Date of Calibration: 19-01-2024		
Next Due Date (Suggested by Customer): 18-01-2025					
Equipment Description (UUC) & Identification					
Name of the Instrument: Digital Thermo Hygrometer			Make: HTC		
Range: Up to 50 °C & Up to 99 %RH			Model: HTC-1		
Least Count: 0.1 °C & 1 %RH			Sr. No.: -----		
Condition of Instrument: Ok			I.D. No.: CH ASHTA/CPL/HM/15		
Master Equipment Used			Location: Lab		
Sr. No.	Instrument's Name	Range & I.D. No.	Calibration Agency	Calibration Certificate No.	Valid Up to
1	Dig. Temp. & Hum. Meter With Ext. Sensor	-20 °C to 50 °C , 0 to 100 % RH & UCCS/CAL/030	Acumen Measurements & Consultancy Pvt. Ltd.	AMC/230207/01	03-08-2024
2	High Precision Thermometer with 4 Wire RTD Sensor	-100 °C to 600 °C & SCCPL/CAL/021A & 021B	Bansal Calibration Services	BCS/N/23120002-001	06-12-2024
Environmental Conditions			Calibration Procedure		Calibration Reference Standard
Temperature: 25 ± 4 °C, Humidity: 50 ± 10 %RH			SCCPL 03 SOP 024 & 028		-----

### CALIBRATION RESULTS

Digital Temperature Indicator With Inbuilt Sensor					
Sr. No.	Set Value (°C) @ 50 %RH	UUC Value (°C)	Ref. Standard Value (°C)	Error (°C)	Expanded Uncertainty (± °C)
1	10	10.0	10.11	-0.11	0.90
2	25	25.1	25.28	-0.18	0.90
3	30	30.0	30.23	-0.23	0.90
4	45	45.1	45.40	-0.30	0.90

  

Sr. No.	Set Value (%RH) @ 25 °C	UUC Value (%RH)	Ref. Standard Value (%RH)	Error (%RH)	Expanded Uncertainty (± %RH)
1	30	30	30.4	-0.4	2.81
2	60	60	60.9	-0.9	2.81
3	75	74	75.1	-1.1	2.81
4	90	90	91.2	-1.2	2.81

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

Calibrated By  
Rohit Prasad

Calibration Engineer

Reviewed/Approved By  
E. M. Mahato

Chief Executive Officer (CEO)

- Note -
- The calibration results reported in this certificate are valid at the time of and stated condition of measurement.
  - 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.
  - Total liability of our Organization is limited to the invoiced amount.
  - Calibration Certificate without signature are not valid.
  - All our certificates are metrological traceable.
  - The results relate only to the item calibrated.
  - UUC: Unit Under Calibration.
  - Expanded Uncertainty of measurement expressed at approximately the 95 % level of confidence, using a coverage factor of k = 2.
  - Scan this QR code to download our NABL Accreditation Scope & Certificate



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