



## CALIBRATION CERTIFICATE

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Certificate No. : L2303282 - 01	ULR No.:CC317223000001299F
Issue Date : 09-Aug-2023	Cal Date: 09-Aug-2023
	Due Date : 08-Aug-2024

Customer : M/s. Jay Prakash Hospital 1st Floor Central Processing Lab Tulsi Nagar/Shivaji Nagar, Bhopal. MP-462023.	SRF No. : L2303282 SRF / Received Date : 09-Aug-2023 Physical Condition : OK Calibrated at : Laboratory Parameter : THERMAL
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UNIT UNDER CALIBRATION	
Instrument : Digital Thermo-Hygrometer	Range : -10 to 50 °C & 10 to 90 % RH
Make : HTC	Resolution : 0.1 °C & 1 % RH
Model : HTC-2	Serial No : ---
	ID No : JP/CPL/HM/19

MASTER EQUIPMENT USED				
Sr. No.	Nomenclature	Id. No. / Sr. No.	Traceability	Validity
01	Humidity and Temperature Meter	RKL/TH/08.	TSC / 22-23 / 12947-3	01-Dec-2023

Master Equipments used are traceable to National Standards

Method of calibration as per RKL/WI/TH-04, Based on NABL 129.

Environmental condition maintained during Calibration:- Temp: 25 ± 4°C and Humidity: 40 to 60% RH

### Result of Calibration

Measurement of Temperature @ 50% RH				All reading in °C	
Sr. No.	Set Point	Master Reading	UUC Reading	Deviation	± Uncertainty
1	15	14.87	14.9	0.03	0.22
2	20	19.83	19.9	0.07	0.22
3	25	24.78	24.9	0.12	0.22
4	30	29.75	29.9	0.15	0.22

  

Measurement of Humidity @ 25 °C				All reading in % RH	
Sr. No.	Set Point	Master Reading	UUC Reading	Deviation	± Uncertainty
1	15	14.67	15	0.33	1.5
2	30	29.49	30	0.51	1.5
3	60	59.38	60	0.62	1.5
4	90	89.19	90	0.81	1.5

Measurement Uncertainty reported at 95.45% confidence level with k = 2

### REMARKS

1. Due Date Mention as per the customer requirement.
2. The given measured value is the is average reading taken.
3. Reading were noted when UUC (Unit under Calibration) and Master are stable at set point.
4. Temperature Scale: INTERNATIONAL TEMPERATURE SCALE-1990 (ITS-90).

Calibrated By



---END OF CERTIFICATE---

Authorised Signatory  
 Umang R. Sodhi  
 Technical Manager

RKL/FF/25