



Calibration Certificate

Certificate No.	KRC/2022/HH/012-003	Discipline	Thermal {Temperature}
ULR. No.	CC205322000001050F	Performed at	Laboratory
User Name: M/s	Health Care Path Lab Unique Estate, 976/976 Khasra Number 559, Jhajjar Road, Dev Nagar, Bahadurgarh, Jhajjar, Haryana - 124507.		

Equip. For Calibration	Digital Hygrometer	Acceptance criteria	N/A
Make / Model No.	HTC / HTC-1	Accuracy ± (°C)	As Per Manual
Range / Size	-50 to 70 °C , 10 to 95 %RH	Visual Inspection	OK
Serial No.	-----	Date of receipt of UUC	21-08-2022
I.D. No.	-----	Calibration Date	22-08-2022
Least count (°C)	0.1 °C , 1 %RH	Calibration Due Date	21-08-2023
Location	Lab	Date of Issue	24-08-2022

Reference Standard	DKD-R 5-7	Environmental Condition	
Reference Document For Calibration	KRC/CPM/7.2-11-T-WI	Temperature	Relative Humidity
		25±4°C	30 to 75 % RH

Standard Equipment Used for Calibration					
Instrument Name	Make	I.D No.	Traceability	Certificate No.	Suggested Due Date
Dig. Temp. & Humidity Indicator	ACE Instrumenst	KRC/HTS/01	NCL Pvt. Ltd	NCL/K/2021/20/17	27-Nov-22

Calibration Results				
Temperature @50%RH				
Sr. No.	Std. Rdg.(°C)	UUC Rdg.(°C)	Error(°C)	Expanded Uncertainty (±)°C
1	10.2	9.6	-0.5	1.7
2	25.1	25.1	0.1	1.0
3	50.0	49.9	-0.1	1.0
RH @25°C				
Sr. No.	Std. Rdg.(RH)	UUC Rdg.(RH)	Error(RH)	Expanded Uncertainty (±)RH
1	10.0	10	-0.1	2.4
2	50.0	50	0.3	1.6
3	94.9	94	-1.1	1.7

Uncertainty of Measurement: The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k = 2$ such that the coverage probability corresponds to approximately 95%.)

Note:

- 1 The calibration results reported in this certificate are valid at the time of and the stated condition of measurement.
- 2 The results reported relate only to the above calibrated item.
- 3 This report should not be reproduced except in full without our prior permission in writing.
- 4 Calibration certificate without signature are not valid.
- 5 UUC stands for unit under calibration.

Calibrated By
Calibration Engineer

END OF REPORT
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