



Calibration Certificate

Certificate No.	KRC/2023/BH/014/010	Discipline	Thermal {Temperature}
ULR. No.	CC205323000000499F	Performed at	Laboratory
User Name: M/s	Global Pathology Centre C-16, Near DDU Hospital, Nanak Pura, Hari Nagar, New Delhi-110064		

Equip. For Calibration	Digital Thermo Hygrometer	Acceptance criteria	----
Make / Model No.	HTC-1 / ----	Accuracy \pm ($^{\circ}$ C)	----
Range / Size	0 to 50 $^{\circ}$ C , 0 to 95 %RH	Visual Inspection	OK
Serial No.	----	Date of receipt of UUC	11-02-2023
I.D. No.	GPC/LAB/12	Calibration Date	12-02-2023
Least count	0.1 $^{\circ}$ C , 1%RH	Calibration Due Date	11-02-2024
Location	Lab	Date of Issue	14-02-2023

Reference Standard	DKD-R 5-7	Environmental Condition	
Reference Document For Calibration	KRC/CPM/7.2-11-T-WI	Temperature	Relative Humidity
		25 \pm 4 $^{\circ}$ C	30 to 75 % RH

Standard Equipment Used for Calibration

Instrument Name	Make	LD No./Sr.No.	Traceability	Certificate No./ ULR No.	Suggested Due Date
Dig. Temp. & Humidity Controller with Sensor	Ace Instruments	KRC/HTS/01	NCL	NCL/K/2022/45/01	26-Nov-2023

Calibration Results

Temperature @50%RH

Sr. No.	Std. Rdg.($^{\circ}$ C)	UUC Rdg.($^{\circ}$ C)	Error($^{\circ}$ C)	Expanded Uncertainty (\pm) $^{\circ}$ C
1	5.3	4.9	-0.4	1.2
2	24.5	24.8	0.3	1.1
3	49.7	49.9	0.1	1.3

RH @25 $^{\circ}$ C

Sr. No.	Std. Rdg.(RH)	UUC Rdg.(RH)	Error(RH)	Expanded Uncertainty (\pm)RH
1	10.4	10	-0.2	1.7
2	50.5	51	0.1	2.1
3	95.4	95	-0.8	2.1

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.
- 6 UUC has been calibrated against lab standard are traceable to National & International Standard.

Calibrated By
Calibration Engineer

END OF REPORT
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