

# TEMPERATURE

MAX 20.0 °C  
MIN 10.0 °C

MAX 27.9 °C  
MIN 10.0 °C

PM 1:54  
37 RH %

## CLOCK/HUMIDITY

**TMSCC**

An NABL Accredited Calibration Laboratory

CALIBRATED

Name of the Inst: Digital Thermo Hygrometer.

ID No./SI. No.: CD/DTHM/01

Cal Date: 24/06/24 Due On: 23/06/25

Calibrated By: *ls* Phy. Status:



Lab : 1/1, Harisava Road, Barrackpore, Kolkata - 700122  
Cont: +91 9830067596

NO 66





# TMSCC

TESTING MACHINE SERVICE AND CALIBRATION CENTRE  
Precision is Our Destination

An ISO 9001 : 2015 Certified company  
Calibration of Various Instruments & Testing Machines



CC - 3125

Form No.: TMSCC/023

## CALIBRATION CERTIFICATE

1. CALIBRATION CERTIFICATE NO	2024/06/1149	Page 1 of 1
ISSUE DATE	25 Jun 2024	
U.R.No.:	CC 312524000012622P	
1.0 ISSUED TO	M/s: Clinica Diagnostica (A Unit of Clinica Life Care Private Limited) Krishnagar Road (NH-34), Noapara, Barasat, Kolkata - 700124.	
1.1 Service Request Form No	SRF/2024/06/24/02	
1.2 Service Request Date	24-06-2024	
1.3 Location	At Lab	



1.4 Description identification of item to be calibrated				
i Name	Digital Thermo Hygrometer	ii Make	Apteshdeals	
iii Model / Type No	HTC-2	iv S/N No	-	
v ID No	CD/DTHM/01	vi Job Code No	2024/06/1149	
vii Range	(-50 to 70) °C & (10 to 99)% RH	viii Resolution	0.1°C & 1% RH	
ix Accuracy	As Per DKD R5 - 1 & DKD-R5-7	x End User	-	

1.5 Full / Partial Calibration	Partial Calibration		
1.6 Applicable specification of item to be calibrated. Accuracy / permissible limit	Not Specified		
1.7 Date of receipt of item	24-Jun-2024	1.8 Date of calibration	24-Jun-2024
1.9 Calibration due on	23-Jun-2025	2.0 Frequency of calibration once in	2 Months
2.1 Environmental condition during calibration	Temperature	25 °C	
	Humidity	52 % RH	
2.2 Basis of calibration	SOP/10/02, SOP/10/04		

2.3 Traceability Standards used for calibration are traceable to National Standards through NABL accredited Laboratory					
Name of Instrument	SI. No. / Id no.	Certificate No.	Lab Certificate No.	Calibrated on	Due on
Temp & Humidity Probe with Indicator	(SI No - No - 2022C01005/ 20571921)	TSC/23-24/0427-3	CC - 2231	14-03-2024	13-03-2025
Digital Temperature Indicator with Sensor(RTD)	Indicator SI No - 18K588073 (Sensor ID No - TMSCC-RTD/01)	TSC/23-24/13010-4	CC - 2231	09-11-2023	08-11-2024

### CALIBRATION RESULTS

Sl. No.	Ref. Bath set in °C	Observed Reading at DUC in °C (Avg. of five readings)	Observed Reading at Ref. Std. in °C (Avg. of five readings)	Error in °C	Uncertainty in ± °C	Acceptance Criteria
1	-35.0	-35.0	-34.900	0.100	0.18	Pass
2	20.0	20.0	19.943	-0.057	0.18	Pass
3	25.0	25.0	24.929	-0.071	0.18	Pass
4	50.0	50.0	49.857	-0.143	0.29	Pass
5	68.0	68.0	67.806	-0.194	0.29	Pass

Maximum Permissible Error : ± 0.3% of rdg

Sl. No.	Ref. Source set in %	Observed Reading at DUC in % (Avg. of five readings)	Observed Reading at Ref. Std. in % (Avg. of five readings)	Error in %	Measurement Uncertainty in ± %	Acceptance Criteria
1	25	25	25.5	0.5	1.3	Pass
2	50	50	51.0	1.0	1.3	Pass
3	90	90	91.7	1.7	1.3	Pass

Maximum Permissible Error : ± 3% of rdg

Measurement Uncertainty at 95% Confidence Level where Coverage Factor k = 2

REMARKS The DUC has been calibrated over its range. The readings observed are tabulated above. The reference standard is traceable to National standard.

DUC Device Under Calibration

Physical Status of the DUC : OK

Calibrated By :   
(Calibration Engineer)

Checked By :   
(Technical Manager)

Approved By :   
(Sr. Calibration Engineer)

END OF CERTIFICATE