


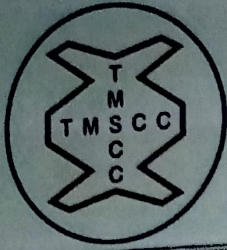
TEMPERATURE

IN
20.0 °C
E
MAX
20.3 °C
OUT
E
AM PM
20:00 97 RH
%

CLOCK / HUMIDITY

TMSCC
An NABL Accredited Calibration Laboratory
CALIBRATED
Name of the Instrument: *Digital Thermo Hygrometer.*
ID No./Sl. No.: *CD/DTHM/01*
Cal Date: *24/06/24* Due On: *23/06/25*
Calibrated By: *[Signature]* Phy. Status:
 Lab: 1/1, Harisava Road, Barrackpore, Kolkata - 700122
Cont: +91 9830067596





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/R/13

CALIBRATION CERTIFICATE

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CALIBRATION CERTIFICATE NO		2024/06/1149				
ISSUE DATE		25-Jun-2024				
U.I.R. No. :		CC312524000012622P				
1.0	ISSUED TO	M/s. Clinica Diagnostics (A Unit of Clinica Life Care Private Limited) Krishnanagar Road (NH-34), Nonpara, 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	AI Lab				
1.4	Description identification of item to be calibrated					
	i Name	Digital Thermo Hygrometer	ii Make	Aptechdeals		
	iii Model / Type No	HTC-2	iv S/L 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	12 Months		
2.1	Environmental condition during calibration	Temperature	25 ± 2°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	Sl. No. / Id no.	Certificate No.	Lab Certificate No.	Calibrated on	Due on
	Temp & Humidity Probe with Indicator	(Sl. No. - 2022C01005/ 20571921)	TSC/23-24/20427-3	CC - 2231	14-03-2024	13-03-2025
	Digital Temperature Indicator with Sensor(RTD)	Indicator Sl. 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 :

Rohosh
Rohosh
(Calibration Engineer)

Checked By :

Rohosh
Rohosh
(Technical Manager)

Approved By :

P. K. Mudak
P. K. Mudak
(Sr. Calibration Engineer)

END OF CERTIFICATE

Office : Deshbandhu Lane, Barrackpore - 700122, Lab : "Anima Apartment", 1/1, Harisava Road, Barrackpore, Kolkata - 700122.
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