

CALIBRATION CERTIFICATE

ULR Number: CC418826000002402F

Certificate Number: AIC/26-27/260410/260/1

Customer Name & Address	M/S.CHRISTY-FRIEDGRAM INDUSTRY PRIVATE LIMITED A2,A3,SIDCO INDUSTRIAL ESTATE,ANDIPALAYAM,TIRUCHENGODE TK,NAMAKKAL DT-637214	Date of Issue	13/04/2026
		Calibration At	Lab

DEVICE UNDER CALIBRATION DETAILS

NOMENCLATURE	: DIGITAL THERMO HYGROMETER	Range	: -10 to 50 °C, 10 to 99 %RH
Make	: HTC	ID Number	: LAB-DTH-01
Resolution	: 0.1 °C, 1 %RH	Serial Number	: -
Model	: HTC-1	DUC Received Date	: 09/04/2026
Area of Instrument	: LAB	Calibration Date	: 10/04/2026
Condition of Instrument	: Satisfactory	Recommended Next Due Date	: 09/04/2027

ENVIRONMENTAL CONDITIONS

Temperature	23.3 °C	Relative Humidity	51 %RH
Calibration Procedure	CP - T10 - 2020	Standard Reference	DKD-R 5-7
Calibration Method	Comparison Method		

REFERENCE STANDARDS DETAILS

NOMENCLATURE	Make	Model	Sr.No. / ID.No.	Traceability Details	Validity
DIGITAL TEMPERATURE & HUMIDITY METER	ROTRONIC	HP32	AIC/T/19 / 5190559	SAN/26/319/TH/1	26/02/2027

Discipline : Thermal (Group : Specific Heat & Humidity)

Calibration Results

Set Point	STANDARD READINGS	MEAN DUC READINGS	DEVIATION	ERROR LIMIT (±)	Expanded Uncertainty (±)
TEMPERATURE @50%RH					
°C	°C	°C	°C	°C	°C
10.0	10.01	10.0	-0.01	1.00	0.859
20.0	20.01	20.0	-0.01	1.00	0.859
30.0	30.01	30.0	-0.01	1.00	0.859
40.0	40.01	40.1	0.09	1.00	0.859
50.0	50.01	50.1	0.09	1.00	0.859
HUMIDITY@25°C					
%RH	%RH	%RH	%RH	%RH	%RH
20	20.01	21	0.99	5.00	2.604
40	40.05	41	0.95	5.00	2.604
50	50.12	51	0.88	5.00	2.604
70	70.15	71	0.85	5.00	2.604
90	90.18	91	0.82	5.00	2.604

Calibrated By

P.KABILAN

P. Kabilan

Calibration Engineer



Approved By

A.Masitan

A. Masitan

Technical Manager

