



# UNIQUE CALIBRATION SOLUTIONS LLP

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**UNIQUE**  
CALIBRATION & MACHINES

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CC-3102

## CALIBRATION CERTIFICATE

UNIQUE LAB REPORT NO (ULR NO)

SRF NO:

221

CC310221000002956F

Certificate No

UCSL/06-21/221\_01

User Name

M/s.CPC MEDICAL LABORATORY,

SREEDEVI BUILDING,MAVOOR ROAD,BEHIND NANDILATH G-MART,

ARAYIDATHUPALAM,KOZHIKODE,KERALA-673004

Device Under Calibration

DIGITAL THERMO HYGROMETER

Equipment & Master Used For calibration

Make / Model

HTC-1

01. TEMPERATURE HUMIDITY INDICATOR WITH SENSOR

Range

10 to 50°C

10%RH to 99%RH

Make : ROTRONIC

Id No. : UCSL/DTHM/01

Least Count

0.1 °C

1 %RH

ULR No. : CC223120000042725F

Instrument Id No.

DTH-01

Next Due Date : 09.07.2021

Instrument Sr No.

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Traceability : TRANSCAL

Location

LAB

Accreditation No : CC-2231

Visual Inspection

OK

Material Receipt Date

09.06.2021

Date of Calibration

10.06.2021

Suggested Due Date of Calibration

10.06.2022

Certificate Issue Date

18.06.2021

Calibration Performed At

Thermal lab

Discipline

Thermal

### ENVIRONMENTAL CONDITION

Temperature

24.8 °C

Relative Humidity

55 %RH

### OBSERVATION RESULTS

#### OBSERVATION RESULTS FOR TEMPERATURE @ 50 %RH

SL. NO.	SET VALUE	NOMINAL VALUE (DUC)(°C)	OBSERVED VALUE (MASTER) (°C)	(±) ERROR (°C)	± Expanded Uncertainty At Approx. 95% Confidence Level (k=2) (°C)
01	10.0	9.8	9.95	-0.15	0.84
02	20.0	19.2	19.35	-0.15	0.84
03	40.0	39.1	39.34	-0.24	0.84
04	50.0	49.5	49.66	-0.16	0.84
05	60.0	59.6	59.87	-0.27	0.84

#### OBSERVATION RESULTS FOR HUMIDITY @ 25 °C

SL. NO.	SET VALUE	NOMINAL VALUE (DUC) (%RH)	OBSERVED VALUE (MASTER) (%RH)	(±) ERROR (%RH)	± Expanded Uncertainty At Apprx. 95% Confidence Level (k=2) (%RH)
01	15.0	14.0	14.07	-0.07	2.00
02	30.0	29.0	29.11	-0.11	2.00
03	50.0	49.0	49.19	-0.19	2.00
04	80.0	80.0	80.12	-0.12	2.00
05	95.0	94.0	94.32	-0.32	2.00

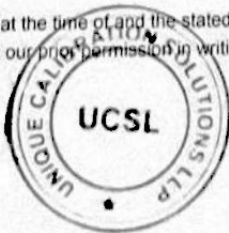
#### Calibration Procedure Based On

#### NOTE :-

- The calibration results reported in this certificate are valid at the time of and the stated condition of measurement.
- This report should not be reproduced except in full without our prior permission in writing.
- Calibration certificate without signature are not valid.
- All our certificates are Traceable to National standard..
- This Calibration Certificate relates only to the above DUC
- DUC Device under calibration.

Calibrated By

Format No : UCSL/CF/18



Page 1 of 1

Issued / Approved By  
(APPU MANI)  
Technical Director

Laboratory : 5/D3, EK Apartments, Model engineering college road Thrikkakara, Edappally, Cochin, Kerala-682021  
Registered Office : Plot No. 611-P, Sector - 38, Gurgaon Haryana - 122001

SALES \* SPARES \* SERVICE \* TESTING \* CALIBRATION \* MODERNIZATION