



DELHI CALIBRATION LABORATORY PVT. LTD.

House No.-7, Avtar Enclave, Paschim Vihar, New Delhi-110063 (INDIA)

Ph. No.: (011) 35009896, (+91) 9818711781, 9810977012, 9015904300

Email ID: delhicallbrationlaboratory@gmail.com

Website: www.dcllab.in



CC-3444

Calibration Certificate

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Calibration Certificate / ULR No.: CC34442200001994F
 Certificate issued on: 06-12-2022
 Suggested date for the next calibration: 03-12-2023

Calibration Request No.: DCL/RN-22/0252
 Date of Receipt: 02-12-2022
 Date of Calibration: 03-12-2022

CALIBRATED FOR:

M/s Origyn Path Lab
 4th Floor, HB Twin Tower, Netaji Subhash Place,
 Pitampura, New Delhi- 110034

ITEM'S DESCRIPTION:

Name : Digital Thermo-Hygrometer
 Make / Model No. : HTC-1
 Serial No. : _____
 Identification No. : DTH-01
 Range : 0 to 50 °C & 10 to 95 %RH
 Least Count : 0.1 °C & 1 %RH
 Location : _____
 Physical Condition : OK

Zero Error: ----

Environmental Condition

Temperature : 25 °C ± 4 °C

Relative Humidity : 30 % to 75 %

STANDARD REFERENCE DETAILS (Traceable to National Standard)

Name of Standard	Make / Model No.	I.D. No.	Certificate No.	Traceable	Calibration Due Date	Uncertainty (At 95% C.L. approx.)
Digital Thermometer with SPRT	Yudian / TE / AI-5600	DCL/STD/DTM-02 & DCL/STD/SPRT-01	TSC/21-22/16803-3	Transcal (Bangalore)	22-02-2023	± 0.07 °C, ± 0.06 °C & ± 0.09 °C (k=2)
Dig. Humidity Indicator with RH Sensor	Polltech / PSI-RHT1	DCL/STD/DTHM-01	TSC/22-23/10872-19	Transcal (Bangalore)	21-10-2023	As per cal. cert. (k=2)

Equipments Used : Humidity Chamber

Principle / Methodology of Calibration: As per Calibration Procedure No.: DCL/CP/TH-07 (Comparison Calibration)

CALIBRATION RESULTS (IN-LAB)

Average U.U.C. Value (°C)	Average Reference Standard Value (°C)	Expanded Uncertainty [^] (°C)
10.0	10.021	± 0.30
20.0	20.039	± 0.30
30.0	30.042	± 0.30
40.0	40.065	± 0.30
50.0	50.078	± 0.30

Calibrated by: Adesh Kumar
 (Sr. Calibration Engineer)



Approved by: B.G. Sharma
 (Technical Head)

Note :

- This certificate refers only to the particular item submitted for calibration.
- This certificate shall not be reproduced except in full without the written approval of Laboratory.
- Reported Results are valid at the time of and under the stated conditions of measurement.
- Laboratory Standards are traceable to National Standards.
- In case any reconfirmation of contents of this calibration certificate is required, please contact our office.



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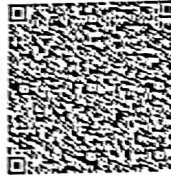
Calibration Certificate / ULR No.: CG34442200001994F	Calibration Request No.: DCL/RN-22/0252
Certificate issued on: 06-12-2022	Date of Receipt: 02-12-2022
Suggested date for the next calibration: 03-12-2023	Date of Calibration: 03-12-2022

CALIBRATION RESULTS (IN-LAB)

Average U.U.C. Value (%RH)	Average Reference Standard Value (%RH)	Expanded Uncertainty* (%RH)
30	30.23	± 1.50
45	45.39	± 1.50
60	60.45	± 1.50
75	75.78	± 1.50
95	95.72	± 1.50

Remarks:

- Expanded Uncertainty* of measurement evaluated at a confidence Level of approximately 95% with Coverage factor $k=2$ for a normal probability distribution.
- U.U.C. defined above as Unit Under Calibration.
- The temperature measurements have been observed at 50 %RH (approx.) and humidity measurements have been observed at 25 °C (approx.).
- Suggested date for the next calibration mentioned as per customer requisition.
- Decision Rule: Not Required



End of Report

Calibrated by: *Akshay*
Adesh Kumar
(Sr. Calibration Engineer)



Approved by: *B.G.*
B.G. Sharma
(Technical Head)

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