



CC-2146

# Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments

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## CALIBRATION CERTIFICATE

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### CALIBRATION CERTIFICATE OF DIGITAL THERMO-HYGROMETER

Calibration Certificate No.	21100013745	Issued On	08/10/2021
ULR No.	CC214621100013745F	Calibration Date	05/10/2021
Job Identification No.	ICS/C/T/10/13745	Next Due Date	04/10/2022
Ref. No.	SRF, Dated - 01/10/2021		

<b>CALIBRATED FOR:</b>	M/s Path Kind Diagnostics Pvt. Ltd. Sai Hotel, Main Civil Line, Opp. Mamchand Petrol Pump, Bijnor-246701.
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#### EQUIPMENT DESCRIPTION

Name	Digital Thermo-Hygrometer		
Make/Model	Instrumentics / HTC-1	Visual Inspection	OK
Serial No.	----	I.D. No.	DTH-01
Range	Up to 60°C / Up to 99 % (RH)	Least Count	0.1°C / 1% RH
Location	---	Calibration Site	In-Lab

#### ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 3.0° C	Humidity	50 ± 10 % RH
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#### STANDARD REFERENCE DETAILS

Traceable to National Standard (NPL, New Delhi)

Name of the Standard	Make	Certificate No.	Calibration Agency/Traceability	Date of Calibration	Valid up to
RTD Sensor with Digital Indicator	Yudian	ETL/2070/21/C/F/060	FCRI, Palakkad	24-25/02/2021	25/02/2022
Temp & Hum. Ind. with Sensor	Rotronic	ETL/1621/20/C/F/519	FCRI, Kerala	30/12/2020 - 04-01-2021	04/01/2022

#### USED EQUIPMENT DETAILS

Environmental Chamber

#### PRINCIPLE/METHODOLOGY OF CALIBRATION:

As per Calibration Procedure No.: ICS/CAL/SOP-TH06 (ITS-90) (Comparison Method)

#### RESULTS: Thermal Calibration (On Working Range)

U.U.C. Reading		Corrected Value of Standard (Avg.)		Uncertainty at approx 95% C.L and coverage factor k=2	
Temperature	Humidity	Temperature	Humidity	Temperature	Humidity
15.0 °C	20 % RH	15.051 °C	20.52 % RH	± 0.33°C	± 1.6 % RH
20.0 °C	40 % RH	20.087 °C	40.93 % RH	± 0.33°C	± 1.8 % RH
30.0 °C	75 % RH	30.121 °C	76.31 % RH	± 0.33°C	± 1.6 % RH
40.0 °C	90 % RH	40.168 °C	91.87 % RH	± 0.33°C	± 1.6 % RH

REMARKS: The recommended date for next calibration is mentioned, as asked by the customer.

\*\*\*END OF REPORT\*\*\*

Note : 1. This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.

2. The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.


3. Total liability of our Organisation is limited to the invoiced amount.

4. Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.

5. In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.

6. The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

For and on behalf of  
Indian Calibration Services

Checked by  


Authorised Signatory  
  
RAJESH KAPOOR  
Operation-Head