



# Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments

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## CALIBRATION CERTIFICATE

Page 1 of 1

### CALIBRATION CERTIFICATE OF DIGITAL THERMO-HYGROMETER

<b>Certificate No:</b>	21100001510	<b>Issued On:</b>	04/02/2021
<b>ULR No:</b>	CC214621100001510F	<b>Calibration Date:</b>	03/02/2021
<b>Job Identification No:</b>	ICS/C/T/02/1510	<b>Next Calibration Date:</b>	02/02/2022
<b>Ref. No:</b>	SRF, Dated - 30/01/2021		

<b>CALIBRATED FOR:</b>	M/s Sure Diagnostic Specialized Lab. C/o Dr. Mengis Dental Centre, Backside of RBI, Rail Head Complex, Jammu-180006.
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#### EQUIPMENT DESCRIPTION

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

#### ENVIRONMENTAL CONDITIONS

<b>Temperature</b>	25.0 °C ± 3.0° C	<b>Humidity</b>	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	Udian	ERTL(N)/2020/AR0878	ERTL (NORTH)	25/02/2020	25/02/2021
Temp. & Hum. Ind. with Sensor	Rotronic/HP-22A	ETL/1621/20/C/F/519	FCRI, Kerala	30/12/2020 - 04-01-2021	04/01/2022

<b>USED EQUIPMENT DETAILS</b>	Environmental Chamber
<b>PRINCIPLE/METHODOLOGY OF CALIBRATION:</b>	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	14.933°C	19.39 %RH	± 0.33°C	± 1.6 % RH
20.0°C	40 % RH	19.901°C	38.91 %RH	± 0.33°C	± 1.6 % RH
30.0°C	75 % RH	29.885°C	73.50 %RH	± 0.33°C	± 1.6 % RH
40.0°C	90 % RH	39.842°C	88.12 %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 :**
- 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.
  - The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
  - Total liability of our Organisation is limited to the invoiced amount.
  - Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.
  - In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.
  - 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  
*Heal*

Authorised Signatory  
*Operation-Heal*