



Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments
 304 & 313, Laxmi Deep, District Centre, Near Nirman Vihar Metro Station, Laxmi Nagar, Delhi-110092
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CALIBRATION CERTIFICATE

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CALIBRATION CERTIFICATE OF TEMPERATURE & HUMIDITY DATA LOGGER

Certificate No:	21100000015	Issued On:	08/01/2021
ULR No:	CC214621100000015F	Calibration Date:	06-7/01/2021
Job Identification No:	ICS/C/T/01/015	Next Calibration Date:	07/01/2022
Ref. No:	SRF, Dated - 01/01/2021		

CALIBRATED FOR:
 M/s INDIAN CALIBRATION SERVICES,
 313 & 304, Laxmi Deep District Centre,
 Near Nirman Vihar Metro Station,
 Laxmi Nagar, Delhi - 110092

EQUIPMENT DESCRIPTION

Name	Temperature & Humidity (RH) Data Logger		
Make/Model	HTC	Visual Inspection	Ok
Serial No.	---	I.D. No.	ICS/T/INS/18
Range	-40°C to 70°C / 0 % to 100 % (RH)	Least Count	0.1°C/ 0.1% 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

Name of the Standard	Make/Model	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

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 (In °C)	CORRECTED VALUE OF STANDARD (In °C) (Avg.)	Error (In °C)	Uncertainty at approx 95% C.L and coverage factor k=2 (in °C)
0.0	-0.096	0.096	± 0.33
20.0	19.894	0.106	± 0.33
25.0	24.806	0.194	± 0.33
30.0	29.731	0.269	± 0.33
45.0	44.682	0.318	± 0.33
70.0	69.606	0.306	± 0.33

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.

- 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

Satish
Checked by

RAJESH KAPOOR
Authorized Signatory