

# 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 TEMPERATURE INDICATOR WITH SENSOR

Certificate No:	21100021770	Issued On:	29/11/2021
ULR No:	CC214621100021770F	Calibration Date:	25/11/2021
Job Identification No:	ICS/C/T/11/21770	Next Calibration Date:	24/11/2022
Ref. No:	SRF, Dated -20/11/2021		

**CALIBRATED FOR:** M/s Rapid Laboratories,  
 Bhadson Road, Patiala - 147001

### EQUIPMENT DESCRIPTION

Name	Digital Temperature Indicator With Sensor		
Make/Model	---	Visual Inspection	Ok
Serial No.	---	I.D. No.	DTWS-05
Range	-50°C to 50°C	Least Count	1°C
Location	Hot Air Oven	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 / International Standard

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/IC/F/060	FCRI, Palakkad	24-25/02/2021	25/02/2022

USED EQUIPMENT DETAILS: Methanol Bath & Water Bath  
 PRINCIPLE/METHODOLOGY OF CALIBRATION: As per Calibration Procedure No.: ICS-CAL/SOP-TH02, ITS-90 (Comparison Method)

RESULTS: Thermal Calibration  
 (On Working Range)

U.U.C. READING (In °C)	CORRECTED VALUE OF STANDARD (In °C) (Avg.)	Uncertainty at approx 95% C.L and coverage factor k=2 (in °C)
-20	-19.926	± 0.58
10	10.088	± 0.58
30	30.151	± 0.59
40	40.267	± 0.59
50	50.392	± 0.59

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

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

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The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither implied 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

Authorised Signatory  
 RAJESH KAPUR  
 Operation No.