



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

Phone / Fax : (011) 22453259, 22434362, 9599482307

E-mail : indiancalibrationservices@gmail.com Website : www.multitechics.com

CALIBRATION CERTIFICATE

Page 1 of 1

CALIBRATION CERTIFICATE OF GLASS THERMOMETER

Calibration Certificate No.	20100012869	Issued On:	25/11/2020
ULR No.	CC214620100012869F	Calibration Date:	21/11/2020
Job Identification No.	ICS/C/T/11/12869	Next Calibration Date:	20/11/2021
Ref. No.	SRF, Dated - 17/11/2020		

CALIBRATED FOR:	M/s Polo Lab., IVY Hospital, Opp. ST. Joseph School, Chandigarh Road Hoshiyarpur.
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EQUIPMENT DESCRIPTION

Name	Glass Thermometer	Visual Inspection	OK
Make/Model	Seven Star	I.D. No.	IVY/HSPR/PATH/IN/02
Serial No.	---	Least Count	1°C
Range	0°C to 110°C	Calibration Site	On-Site
Location	Incubator		

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	Certificate No.	Calibration Agency/Traceability	Date of Calibration	Valid up to
Digital Temp. Indicator with Sensor	"Lutron"/ ICS/T/INS/41	20100000032	Indian Calibration Services, Delhi	02/01/2020	02/01/2021

USED EQUIPMENT DETAILS Water Bath

PRINCIPLE/METHODOLOGY OF CALIBRATION: As per Calibration Procedure No. ICS-CAL/SOP-TH01, 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)
30	30.06	± 0.65
35	35.13	± 0.65
37	37.20	± 0.65
45	45.31	± 0.65
60	60.45	± 0.71

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

Authorized Signatory
RAJESH KAPOOR
Operation-Head



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Page 1 of 1

CALIBRATION CERTIFICATE OF DIGITAL THERMO-HYGROMETER

Calibration Certificate No.	20100012873	Issued On:	25/11/2020
ULR No.	CC214620100012873F	Calibration Date:	21/11/2020
Job Identification No.	ICS/C/T/11/12873	Next Calibration Date:	20/11/2021
Ref. No.	SRF, Dated - 17/11/2020		

CALIBRATED FOR:	M/s Polo Lab., IVY Hospital, Opp. ST. Joseph School, Chandigarh Road Hoshiyarpur.
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EQUIPMENT DESCRIPTION

Name	Digital Thermo-Hygrometer		
Make/Model	HTC	Visual Inspection	Ok
Serial No.	---	I.D. No.	IVY/HSPR/ENGG./PATH/LAB/17
Range	-50°C to 70°C / 10 to 90 % (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	Udian	ERTL(N)/2020/A R0878	ERTL (NORTH)	25/02/2020	25/02/2021
Temp. & Hum. Ind. with Sensor	Rotronic/HP-22A	ETL/2252/19/C/F/750	FCRI, Kerala	30/12/2019 - 03-01-2020	03/01/2021

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. coverage factor k=2	
Temperature	Humidity	Temperature	Humidity	Temperature	Humidity
20.0 °C	30 % RH	20.073°C	30.75 %RH	± 0.33°C	± 1.6 % RH
25.0 °C	50 % RH	25.116°C	51.42 %RH	± 0.33°C	± 1.6 % RH
30.0 °C	75 % RH	30.164°C	76.89 %RH	± 0.33°C	± 1.6 % RH
40.0 °C	90 % RH	40.222°C	92.76 %RH	± 0.33°C	± 1.6 % RH

REMARKS:

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

*** END OF REPORT ***

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

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Authorised Signatory
RAJESH KAPOOR
 Operation-Head