



# DELHI CALIBRATION LABORATORY PVT. LTD.

House No.-7, Avtar Enclave, Paschim Vihar, New Delhi-110063 (INDIA)

Ph. No.: (011) 35009896, (+91) 9818711781, 9810977012, 9015904300

Email ID: delhicalibrationlaboratory@gmail.com

Website: www.dcllab.in



CC-3444

## Calibration Certificate

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Calibration Certificate / ULR No.: CC34442200001995F	Calibration Request No.: DCL/RN-22/0252
Certificate issued on: 06-12-2022	Date of Receipt: 02-12-2022
Suggested date for the next calibration: 03-12-2023	Date of Calibration: 03-12-2022

**CALIBRATED FOR:** M/s Origyn Path Lab  
4<sup>th</sup> Floor, HB Twin Tower, Netaji Subhash Place,  
Pitampura, New Delhi- 110034

**ITEM'S DESCRIPTION:**

Name	:	Digital Thermometer with Sensor	
Make / Model No.	:	-----	
Serial No.	:	-----	
Identification No.	:	DTM-01	
Range	:	-50 °C to 50 °C	
Least Count	:	0.1 °C	
Location	:	-----	
Physical Condition	:	OK	Zero Error : -----

Environmental Condition	Temperature	: 25 °C ± 4 °C
	Relative Humidity	: 30 % to 75 %

### STANDARD REFERENCE DETAILS (Traceable to National Standard)

Name of Standard	Make / Model No.	I.D. No.	Certificate No.	Traceable	Calibration Due Date	Uncertainty (At 95% C.L. approx.)
Digital Thermometer with SPRT	Yudian / TE / AI-5600	DCL/STD/DTM-02 & DCL/STD/SPRT-01	TSC/21-22/16803-3	Transcal (Bangalore)	22-02-2023	± 0.07 °C, ± 0.06 °C & ± 0.09 °C (k=2)

**Equipments Used** : Methanol Bath, Water Bath & Silicon Oil Bath

**Principle / Methodology of Calibration:** As per Calibration Procedure No.: DCL/CP/TH-02 (Comparison Calibration)

### CALIBRATION RESULTS (IN-LAB)

Average U.U.C. Value (°C)	Average Reference Standard Value (°C)	Expanded Uncertainty <sup>A</sup> (°C)
-39.3	-39.469	± 0.40
-9.7	-9.784	± 0.40
0.3	0.281	± 0.40
10.1	10.049	± 0.40
24.9	24.853	± 0.40
49.8	49.729	± 0.40

Calibrated by: Akumar  
Adesh Kumar  
(Sr. Calibration Engineer)



Approved by: Bes  
B.G. Sharma  
(Technical Head)

- Note :**
1. This certificate refers only to the particular item submitted for calibration.
  2. This certificate shall not be reproduced except in full without the written approval of Laboratory.
  3. Reported Results are valid at the time of and under the stated conditions of measurement.
  4. Laboratory Standards are traceable to National Standards.
  5. In case any reconfirmation of contents of this calibration certificate is required, please contact our office.



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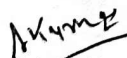
### Remarks:

- 1- Expanded Uncertainty<sup>^</sup> of measurement evaluated at a confidence Level of approximately 95% with Coverage factor  $k=2$  for a normal probability distribution.
- 2- U.U.C. defined above as Unit Under Calibration.
- 3- Temperature Scale: International Temperature Scale 1990 (ITS-90).
- 3- Suggested date for the next calibration mentioned as per customer requisition.
- 4- Decision Rule: Not Required




\*End of Report\*



Calibrated by:   
 (Sr. Calibration Engineer)



Approved by:   
 (Technical Head)

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