

Calibration Certificate

Format No.: MACL/QF/7.8-01

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Certificate No. Issue Date Service Request No. Service Request Date Calibration Date Calibration Due Date (As per Customer request)	MACL/H/22/139-006 7-07-2022 MACL/H/22/139 5-07-2022 5-07-2022 4-07-2023	Calibration Certificate of Digital Thermometer 1
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Name & Address of Customer	Identification on UUC (Unit Under Calibration)	
Dr. Vaibhav's Pathocity Path Lab & Imaging A-3/11, Basement Opposite HDFC Bank, Near Jwalaheri Maket, Paschim Vihar, New Delhi-110063.	Range/ Size Make / Model No. Instrument I.D. No. Instrument Sr. No. Least Count Location/Dept. Visual Inspection	- 50 to 250 °C Aptech Deals --- --- 0.1 °C --- Ok

Calibration Procedure	MACL/TH/CP- 01 & 02	Condition of Instrument	OK	
Reference Standard	DKD R5-1	Calibration Performed at	Lab	
Environmental Condition	Temperature	25 ± 4 °C	Relative Humidity	30 to 75 % RH

Standard Equipment Used for Calibration					
Instrument Name	Make	I.D No./Sr.No.	Calibrated By	Certificate No.	Due Date
PT 100 4 Wire RTD with Indicator	UDIAN	MACL/TH/RTD-01/1363	KCS Gurgaon	KCS/21/07/41-001	06.07.2022

Calibration Results

Set Value in °C	Reading in °C (UUC) Mean	Reading in °C (Master) Mean	Error in °C Mean	Uncertainty of Measurement ± °C
-25	-24.8	-24.96	0.16	0.25
0	0.1	-0.03	0.13	0.25
50	49.8	49.94	-0.14	0.25
150	149.7	149.87	-0.17	0.25
250	249.7	249.88	-0.18	0.25

The reported uncertainty stated is the expanded uncertainty of measurement obtained by multiplying the standard uncertainty by the coverage factor k=2 correspond to confidence level of 95 %

Notes:-

- This Certificate refers only to the particular items submitted for calibration.
- This Certificate shall not be reproduced, except in full, without the written permission of C.E.O. Micro Advance Calibration Lab, Ghaziabad.
- Result Reported are Valid under the stated conditions of measurement.
- Laboratory Standards are traceable to National Standards.
- Calibration Certificate issue for weight & Measure parameters i.e. Mass, Balance, Volumetric equipment, Measuring Scale/Tapes etc. for scientific purpose only and should not be used for Trade / Commercial use.

Calibrated By

Uma Shanker Sharma
Calibration Engineer

Approved By

Mukesh Kumar Shukya
Authorized Signatory