

## Calibration Certificate

Format No.: MACL/QF/7.8-01

ULR No.: CC 31942100002381F

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Certificate No.	MACL/08/21/027-001	<b>Calibration Certificate of</b>  <b>Dig. Thermometer</b>
Issue Date	21-08-2021	
Service Request No.	MACL/08/21/027	
Service Request Date	19-08-2021	
Receipt Date	19-08-2021	
Calibration Date	20-08-2021	
Calibration Due Date (As per Customer request)	19-08-2022	

Name & Address of Customer	Identification on UUC (Unit Under Calibration)	
M/s. STANDARD DIAGNOSTICS PVT. LTD. SK-174, SEC-116, NOIDA	Range/ Size	-50 to 300 °C
	Make/Model	MEXTECH/--
	Instrument I.D. No.	DTM-01
	Instrument Sr. No.	--
	Least Count	0.1 °C
	Location	FREEZER
	Visual Inspection	O.K.

Calibration Procedure	MACL/TH/CP- 03	Condition of Instrument	OK
Reference Standard	DKD R5-1	Calibration Performed at	Lab
Environmental Condition	Temperature	30 ± 5 °C	Relative Humidity 30 to 80 % RH

Standard Equipment Used for Calibration					
Instrument Name	Make	I.D No./Sr.No.	Calibrated By	Certificate No.	Due Date
Data Logger With Standard RTD (PT 100)	Tempens	MACL/TH/DL-01(RTD-01-09)/CO807719/RTD 01-09	Global Calibration Ghaziabad	GC/AV/0350A/10/20	12-10-2021

## Calibration Results


Set Value in °C	Reading in °C (UUC) Mean	Reading in °C (Master) Mean	Error in °C Mean	Uncertainty of Measurement ± °C
-4	-4.0	-3.9	-0.1	0.60
-2	-2.0	-1.9	-0.1	0.60
-1	-1.0	-0.8	-0.2	0.60

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:-

1. This Certificate refers only to the particular items submitted for calibration.
2. This Certificate shall not be reproduced, except in full, without the written permission of C.E.O. Micro Advance Calibration Lab, Ghaziabad.
3. Result Reported are Valid under the stated conditions of measurement.
4. Laboratory Standards are traceable to National Standards.
5. 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 Shakya  
Authorized Signatory

-2.10

RESET LOWSET ALARM UNIT OFF ON/OFF

-50°C → +300°C

-58°F → +572°F

MEXTECH