

Calibration Certificate

Format No.: MACL/QF/7.8-01

ULR No.: CC 319421000002382F

Page No :- 1 of 1

Certificate No.	MACL/08/21/027-002	Calibration Certificate of Dig. Thermometer
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-02
	Instrument Sr. No.	--
	Least Count	0.1 °C
	Location	REFRIGERATOR
	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)	Tempensens	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
2	2.0	2.0	0.0	0.60
4	4.0	4.1	-0.1	0.60
6	6.0	6.1	-0.1	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:-


- 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 Shakyas
Authorized Signatory

