

# MK BEST CALIBRATION SERVICES

NABL ACCREDITED CALIBRATION LABORATORY AS PER ISO/IEC17025 : 2017



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CC-3340

## CERTIFICATE OF CALIBRATION

FF/7.8/01		Page No 1 of 1			
ULR No	CC334023000007800F	Date of Calibration	21.09.2023	Date of Receipt	21.09.2023
Certificate No	MKBL/23/09/0866-003	Due Date of Calibration	20.09.2024	Date of Issue	23.09.2023

CUSTOMER INFORMATION		DETAILS OF UNIT UNDER CALIBRATION	
M/S. ISAAC CLINICAL LABORATORY., NO.8 A, ESAT STREET, TIRUKOVILUR, KALLAKURICHI DISTRICT - 605757.		Description	STEM THERMOMETER
		Make / Model	MULTI
		Range / Resolution	-50 to 300°C / 0.1°C
		Serial No	---
		Identification No	JCL/EQP/GEN/04
		Machine Name / No	---
		Location	---
		Calibrated at	LAB

STANDARD INSTRUMENTS DETAILS (The Standards Used are Traceable to National /International Standards)				
S.No	Description	Id.No/Sl. No	Certificate No	Validity
01	SSPRT WITH DMM	MK CAL-193	TSC/22-23/11799-2	11.11.2023

ENVIRONMENTAL CONDITIONS		REFERENCE STANDARD	
Temperature	23.8 °C	Reference Std	DKD-R-5-1
Humidity	57 % RH	Procedure No	MKBICS - TH - 06
Condition of UUC Receipt	Good		

### CALIBRATION RESULTS

S.No	Set Reading °C	UUC Reading °C	Standard Reading °C	Deviation °C	Expanded Uncertainty (±) °C
1	10	9.7	9.8	-0.1	0.44
2	30	29.6	29.7	-0.1	0.44
3	100	100.1	100.0	0.1	0.44
4	200	200.2	199.9	0.3	0.44
5	300	300.2	299.8	0.4	0.51

#### Remarks :

- The Expanded Uncertainty Associated with the Results is Calculated at a Confidence Level of Approximately 95% with a Coverage factor of K=2.
- The Calibration Certificate Shall not be Reproduced Except In Full,Without Written Approval Of The Laboratory.
- The Recalibration Interval is determined based on the User Requirement.
- The Results Stated In This Certificate Relate Only to the Item Calibrated.
- The User Should Determine The Suitability Of The Instrument For Its Intended Use.
- Temperature Scale : International Temperature Scale 1990 - ITS 90.

Calibrated by

S.Chandrabose  
(Calibration Engineer)

x-x-x-x- For Certificate No. x-x



Authorised by

L.Magesh  
(MD / QM)