

MK BEST CALIBRATION SERVICES

NABL ACCREDITED CALIBRATION LABORATORY AS PER ISO/IEC17025 : 2017



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CC-3340

CERTIFICATE OF CALIBRATION

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ULR No	CC334023000008208F	Date of Calibration	31.10.2023	Date of Receipt	31.10.2023
Certificate No	MKBL/23/10/0941-003	Due Date of Calibration	30.10.2024	Date of Issue	02.11.2023

CUSTOMER INFORMATION	DETAILS OF UNIT UNDER CALIBRATION	
M/S. VJA LABORATORY., THIRUKOILUR MAIN ROAD, NEAR VADAKURUMBUR ROAD, ERAIYUR, VILLUPURAM - 605 602.	Description	STEM THERMOMETER
	Make / Model	MULTI
	Range / Resolution	-50 to 300°C / 0.1°C
	Serial No	---
	Identification No	VJA/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	23.6 °C	Reference Std	DKD-R-5-1	
Humidity	56 % RH	Procedure No	MKDCS - TH - 06	
Condition of UUC Receipt	Good			

CALIBRATION RESULTS

1.THERMAL CALIBRATION					
S.No	Set Reading °C	UUC Reading °C	Standard Reading °C	Deviation °C	Expanded Uncertainty (±) °C
1	10	10.0	9.9	0.1	0.56
2	30	29.8	29.7	0.1	0.56
3	100	100.1	99.8	0.3	0.44
4	200	199.5	199.1	0.4	0.44
5	300	299.5	299.1	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.

End Of Certificate - 2-2-2-2

Calibrated by

S.Chandrabose
(Calibration Engineer)



Authorised by

L. Magesh
(MD / QM)