

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	CC334023000007869F	Date of Calibration	22.09.2023	Date of Receipt	22.09.2023
Certificate No	MKBL/23/09/0883-003	Due Date of Calibration	21.09.2024	Date of Issue	25.09.2023

CUSTOMER INFORMATION

M/S. P J CLINICAL LABORATORY.,
NO.3, POONTHOTTAM PATHAL,
VILLUPURAM - 605602.

DETAILS OF UNIT UNDER CALIBRATION

Description	STEM THERMOMETER
Make / Model	MULTI
Range / Resolution	-50 to 300°C / 0.1°C
Serial No	—
Identification No	PJL/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

Temperature	23.6 °C
Humidity	57 % RH
Condition of UUC Receipt	Good

REFERENCE STANDARD

Reference Std	DKD-R-5-1
Procedure No	MKBCS - TH - 06

CALIBRATION RESULTS

I.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	0.44
2	30	29.9	29.6	0.3	0.44
3	100	100.1	99.8	0.3	0.44
4	200	199.9	199.5	0.4	0.44
5	300	299.8	299.4	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)



Authorised by

L.Magesh
(MD / QM)