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	CC334023000007815F	Date of Calibration	21.09.2023	Date of Reciept	21.09.2023
Certificate No	MKBL/23/09/0870-003	Due Date of Calibration	20.09.2024	Date of Issue	23.09.2023

CUSTOMER INFORMATION	DETAILS OF UNIT UNDER CALIBRATION	
M/S. SUGAM CLINICAL LAB.,	Description	STEM THERMOMETER
NO.166/4, HOSPITAL ROAD,	Make / Model	MULTI
VILLUPURAM.	Range / Resolution	-50 to 300°C / 0.1°C
	Serial No	----
	Identification No	SCL/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	MKBCS - 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 Uncertainity (±) °C
1	10	9.7	9.8	-0.1	0.44
2	30	29.6	29.7	-0.1	0.44
3	100	99.9	100.0	-0.1	0.44
4	200	200.0	199.8	0.2	0.44
5	300	300.0	299.7	0.3	0.51

Remarks :

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

-x-x-x- End Of Certificate -x-x-x-

Calibrated by
S.Chandrabose
(Calibration Engineer)

MK BEST CALIBRATION SERVICES Chennai

Authorised by
L.Magesh
(MD / QM)