

# MK BEST CALIBRATION SERVICES



NABL ACCREDITED CALIBRATION LABORATORY AS PER ISO/IEC17025 : 2017

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CC-3340

## CERTIFICATE OF CALIBRATION

URL No	CC334022000015792F	Date of Calibration	05.09.2022	Page No	1 of 1
Certificate No	MKBL/22/09/1075-003	Recom. Due Date	04.09.2023	Date of Receipt	05.09.2022
				Date of Issue	05.09.2022

CUSTOMER INFORMATION		DETAILS OF UNIT UNDER CALIBRATION	
M/S. SRI BAALAJI CLINICAL LAB , VILLUPURAM.		Description	STEM THERMOMETER
		Range / Resolution	-50 - 300°C / 0.1°C
		Make / Model	MULTI
		Identification No	SBV/EQP/GEN/04
		Serial 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	MK CAL-193	CRMTL/01/421100630-A1	18.11.2022
02	DIGITAL MULTIMETER	MK/CAL-45	EQN/CRF/2201081	23.01.2023

ENVIRONMENTAL & DUC CONDITIONS		REFERENCE STANDARD	
Temperature	25 ± 4°C	Reference Std	EURAMET/cg-11/v.01
Humidity	30 - 75 % RH	Procedure No	MKBCS - ET - 01
Condition of DUC	Good		

### CALIBRATION RESULTS

#### 1.ELECTRO TECHNICAL CALIBRATION - TEMPERATURE SIMULATION

S.No	Standard Reading °C	DUC Reading (Mean) °C	Deviation °C	Expanded Uncertainty (±) °C
1	-40.00	-39.9	0.1	0.71
2	0.00	0.2	0.2	0.71
3	50.00	50.2	0.2	0.71
4	100.00	100.3	0.3	0.71
5	200.00	200.3	0.3	0.71
6	250.00	250.3	0.3	0.71

#### 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 Expect In Full,Without Written Approval Of The Laboratory.
- The Recalibration Interval Should be Determined 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 Is Intended Use.

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

Calibrated by

S.Chandra Bose  
(Calibration Engineer)



Authorised By

L.Magesh  
(MD/QM)