

# MK BEST CALIBRATION SERVICES

NABL ACCREDITED CALIBRATION LABORATORY AS PER ISO/IEC17025 : 2017

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CC-3340

## CERTIFICATE OF CALIBRATION

ULR No	CC334022000001778F	Date of Calibration	24.01.2022	Date of Receipt	24.01.2022
Certificate No	MKBL/22/01/063-003	Recom. Due Date	23.01.2023	Date of Issue	27.01.2022

CUSTOMER INFORMATION	DETAILS OF UNIT UNDER CALIBRATION	
M/S.SRI SAMRAJ LABS., 2nd,FLOOR,No.217,ANNA SALAI, RAMANATHAPURAM - 623 501.	Description	MULTI STEM THERMOMETER
	Make / Model	MULTI
	Range/Resolution	-50 to 300 °C / 0.1 °C
	Serial No	---
	Identification No	SSLRMD/EQP/MT/20
	Location	MOLECULAR LAB
	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	4 Wire RTD sensor	6380/MK CAL-63	CRMTL/01/421100630-A1	07.07.2022
02	6 1/2 Digit Multimeter	MK/CAL-45/GEO882229	EQN/CRF/210140	24.01.2022

### ENVIRONMENTAL & DUC CONDITIONS

### REFERENCE STANDARD & ACCEPTANCE LIMIT

Temperature	25 ± 4°C	Reference Std	DKD-R-5-1
Humidity	30 - 75 % RH	Procedure No	MKBCS - TH - 01
Condition of DUC Receipt	Good		

### CALIBRATION RESULTS

#### 1.THERMAL CALIBRATION

S.No	Set Value °C	Standard Reading °C	DUC Reading °C	Deviation °C	Expanded Uncertainty (±) °C
1	-40.0	-39.3	-39.8	-0.5	0.9
2	-10.0	-9.7	-9.8	-0.1	0.9
3	10.0	9.6	9.7	0.1	0.9
4	100.0	99.3	99.5	0.2	0.9
5	300.0	299.2	299.6	0.4	0.9

#### 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 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

*S. Chandra Bose*

S.ChandraBose  
Calibrated by



*L. Magesh*

L.Magesh  
Authorised Signatory