

# 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	CC334023000007861F	Date of Calibration	22.09.2023	Date of Receipt	22.09.2023
Certificate No	MKBL/23/09/0881-003	Due Date of Calibration	21.09.2024	Date of Issue	25.09.2023
CUSTOMER INFORMATION			DETAILS OF UNIT UNDER CALIBRATION		
M/S. KB DIAGNOSTICS., VANDAVASI.			Description	STEM THERMOMETER	
			Make / Model	MULTI / ST-9283B	
			Range / Resolution	-50 to 300°C / 0.1°C	
			Serial No	----	
			Identification No	KBD/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					
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	0.45
2	30	29.9	29.6	0.3	0.44
3	100	99.9	99.7	0.2	0.44
4	200	200.0	199.6	0.4	0.44
5	300	300.0	299.6	0.4	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 Its Intended Use.					
6. Temperature Scale : International Temperature Scale 1990 - ITS 90.					
x-x-x-x-End Of Certificate-x-x-x-x					
Calibrated by  S.Chandrabose (Calibration Engineer)					
			Authorised by  L.Magesh (MD / QM)		