

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	CC334022000014532F	Date of Calibration	10.08.2022	Date of Receipt	10.08.2022	
Certificate No	MKBL/22/08/0965-002	Recom. Due Date	09.08.2023	Date of Issue	13.08.2022	

CUSTOMER INFORMATION	DETAILS OF UNIT UNDER CALIBRATION	
M/S ., BIO TECH DIAGNOSTIC CENTRE , ULUNDUR PET .	Description	STEM THERMOMETER
	Range / Resolution	-50 - 300°C / 0.1°C
	Make / Model	MULTI / ST - 9283 B
	Identification No	BTU / EQP / GEN / 04
	Serial No	---
	Manufacturer Name	---
	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 & ACCEPTANCE LIMIT	
Temperature	25 ± 4°C	Reference Std	EURAMET/cg-08/v.02
Humidity	30 - 75 % RH	Procedure No	MKBCS - TH - 02
Condition of DUC Receipt	Good		

CALIBRATION RESULTS

I.THERMAL CALIBRATION					
S.No	Set Value °C	Standard Reading °C	DUC Reading °C	Deviation °C	Expanded Uncertainty (±) °C
1	0	0.04	0.0	-0.04	1.75
2	60	60.18	60.1	-0.08	1.75
3	120	120.16	120.2	0.04	1.75
4	180	180.22	180.3	0.08	1.75
5	240	240.28	240.4	0.12	1.75
6	300	300.26	300.4	0.14	1.75

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 Its Intended Use.

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

Calibrated by

S. Murugesan
(Calibration Engineer)



Authorised By

L. Magesh
(MD/QM)