

MK BEST CALIBRATION SERVICES

NABL ACCREDITED CALIBRATION LABORATORY AS PER ISO/IEC17025 : 2017



No. 27, F-2, 1st Floor, 2nd Street, Varalakshmi Nagar, Maduravoyal,
(Opp. MGR Engineering College), Chennai - 600 095.
Ph.: 044 - 23780211, Cell : 93802 66480 / 86958 18108 / 90032 77250

E-mail: mkbestcalibration@gmail.com, www.mkbestcalibrationservices.com



CC-3340

CERTIFICATE OF CALIBRATION

FF/7.8/01				Page No		1 of 2	
ULR No	CC334022000013012F	Date of Calibration	21.07.2022	Date of Receipt	21.07.2022		
Certificate No	MKBL/22/07/0871-004	Recom. Due Date	20.07.2023	Date of Issue	25.07.2022		
CUSTOMER INFORMATION				DETAILS OF UNIT UNDER CALIBRATION			
M/S., SRI SUBHAM LAB, DEVANATHASWAMY NAGAR, EAST PONDY ROAD, VILLUPURAM - 605 103				Description		THERMO HYGROMETER	
				Make / Model		---	
				Range		-10 to 50 ° C / 10 to 99 % RH /0.1 ° C / 1 %RH	
				Serial No		---	
				ID No		SSV/EQP/CB/006	
				Manufacturer Name		HTC	
				Calibrated at		LAB	
STANDARD INSTRUMENTS DETAILS (The Standards Used are Traceable to National /International Standards)							
S.No	Description	Id.No/SI. No	Certificate No	Validity			
01	Temperature & Humidity Indicator with sensor	MK/CAL-43 / HTI042K152714	CRMTL/01/422101234-A5	04.07.2023			
ENVIRONMENTAL CONDITIONS				REFERENCE STANDARD			
Temperature	25 ± 4°C	Procedure No	MKBCS - TH - 09				
Humidity	30 - 75 % RH	Condition of DUC	Good				
CALIBRATION RESULTS							
1.THERMAL CALIBRATION TEMPERATURE							
Parameter / Range	Standard Reading (° C)	DUC Reading (° C)	Deviation (° C)	Expanded Uncertainty (±) (° C)			
Temperature @ 50% RH	20.26	20.1	-0.16	0.42			
	30.48	30.3	-0.18				
	40.56	40.2	-0.36				
	50.62	49.3	-1.32				
Parameter / Range	Standard Reading (%RH)	DUC Reading (%RH)	Deviation (%RH)	Expanded Uncertainty (±) %RH			
Humidity @ 25°C	30.6	30	-0.6	1.52			
	40.7	41	0.3				
	50.8	52	1.2				
	60.9	63	2.1				
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 Except In Full, Without Written Approval Of The Laboratory.							
3. The Recalibration Interval Should be Determined 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.							
x-x-x-x End Of Certificate x-x-x-x							
Calibrated by				Authorised by			
 S.Suresh Kumar (Calibration Engineer)				 L.Magesh (MD/QM)			