

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

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ULR No	CC334022000014940F	Date of Calibration	16.08.2022	Date of Receipt	16.08.2022
Certificate No	MKBL/22/08/0986-001	Recom. Due Date	15.08.2023	Date of Issue	16.08.2022
CUSTOMER INFORMATION		DETAILS OF UNIT UNDER CALIBRATION			
M/S ., SRI KRISHINA CLINICAL LABORATORY , NO : 105 , SUBBARAO STREET , SHOLINGHUR - 631 102 .		Description	THERMO HYGROMETER		
		Make / Model	HTC - 1 / HTC - 1		
		Range	-10 to 50 ° C / 10 to 99 % RH / 0.1 ° C / 1 % RH		
		Serial No	---		
		ID No	SKC / EQP / GEN / 05		
		Manufacturer Name	---		
		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					
I.THERMAL CALIBRATION TEMPERATURE					
Parameter / Range	Standard Reading (° C)	DUC Reading (° C)	Deviation (° C)	Expanded Uncertainty (±) (° C)	
Temperature @ 50% RH	25.05	25.2	0.15	0.42	
	30.12	30.3	0.18		
	35.16	35.4	0.24		
	40.18	40.6	0.42		
Parameter / Range	Standard Reading (%RH)	DUC Reading (%RH)	Deviation (%RH)	Expanded Uncertainty (±) %RH	
Humidity @ 25°C	30.1	31	0.9	1.52	
	50.1	51	0.9		
	70.2	72	1.8		
	90.2	92	1.8		
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. Murugesan (Calibration Engineer)				 L. Magesh (MD/QM)	