MK BEST CALIBRATION SERVICES

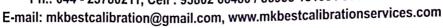
MK) N

FF/7.8/01

ULR No

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





CC-3340

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16.08.2022

16.08.2022

CERTIFICATE OF CALIBRATION

16.08.2022

Page No

Date of Reciept

Date of lesue

Certificate No	MKBL/22/08/0984-001	Recom. Due Date	15.08.2023	Date of issue	
CUSTOMER INFORMATION			DETAILS OF UNIT UNDER CALIBRATION		
M/S ., THANGA CLINICAL LAB , NO : 18 , NASIMUTHU NAGAR ,			Description	THERMO HYGROMETER	
			Make / Model	HTC - 1 / HTC - 1 -10 to 50 ° C / 10 to 99 % RH /0.1 ° C / 1 %RH	
BOY'S HIGH SC			Range	-10 to 50 C 7 to to 22 70 KH 7011	
PATTUKKOTTAI - 614 602 .			Serial No		
			ID No	TCL/EQP/GEN / 05	
			Manufacturer Name	LAB	
			Calibrated at	LAB	

STANDARD INSTRUMENTS DETAILS (The Standards Used are Traceable to National /International Standards)							
S.No Description		ld.No/Sl. No	Certificate No	Validity			
01	Temperature & Humidity Indicator with sensor	MK/CAL-43 / HTI042K152714	CRMTL/01/422101234-A5	04.07.2023			

ENVIRONMENTAL CONDITIONS		EFERENCE STANDARD			
Temperature	25 ± 4°C	Procedure No	MKBCS - TH - 09		
Humidity	30 - 75 % RH	Condition of DUC	Good		

CALIBRATION RESULTS

1.THERMAL CALIBRATION TEMPERATURE

CC334022000014932F

Date of Calibration

Parameter / Range	Standard Reading (°C)	Standard Reading (°C) DUC Reading (°C)		Expanded Uncertainity (±)(°C)	
Temperature @ 50% RH	25.05	25.2	0.15		
	30.12	30.2	0.08	0.42	
	35.16	35.3	0.14	0.42	
	40.18	40.4	0.22		

Parameter / Range	Standard Reading (70Kii)		DUC Reading (%RH)		Deviation (%RH)		Expanded Uncertainity (±) %RII	
Range	30.1			32		1.9		
Humidity @	50.1		7	52	Tions of	1.9		1.52
25°C	70.2	£.	6T-	73		2.8	A	
	90.2		i	93		2.8		

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 Expect 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 Suitablity Of The Instrument For Is Intended Use.

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

Calibrated by

S.Murugesan (Calibration Engineer) CHENNAI SER

Authorised by

L.Magesh (MD/OM)