

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	CC334023000007801F	Date of Calibration	21.09.2023	Date of Receipt	21.09.2023
Certificate No	MKBL/23/09/0866-004	Due Date of Calibration	20.09.2024	Date of Issue	23.09.2023
CUSTOMER INFORMATION			DETAILS OF UNIT UNDER CALIBRATION		
MS. ISAAC CLINICAL LABORATORY., NO.8 A, ESAT STREET, TIRUKOVILUR, KALLAKURICHI DISTRICT - 605757.			Description	DIGITAL THERMO HYGROMETER	
			Make / Model	ACETEQ / HTC-1	
			Range / Resolution	-10 to 50 ° C / 10 to 99% RH / 0.1° C / 1% RH	
			Serial No	HTC-1	
			ID No	ICL/EQP/GEN/05	
			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	Temperature & Humidity Indicator with sensor	MK/CAL-43 / HTI042K152714	CRMTL/01/423101578-A1	29.06.2024	
ENVIRONMENTAL CONDITIONS			REFERENCE STANDARD		
Temperature	24.1 °C	Procedure No	MKBCS - TH - 09		
Humidity	61 % RH	Condition of UUC Receipt	Good		
CALIBRATION RESULTS					
I.THERMAL CALIBRATION TEMPERATURE					
Parameter / Range	Standard Reading (°C)	UUC Reading (°C)	Deviation (° C)	Expanded Uncertainty (±) (° C)	
Temperature @ 50% RH	19.96	20.1	0.14	1.3	
	29.91	30.1	0.19		
	39.87	40.2	0.33		
	49.76	50.2	0.44		
Parameter / Range	Standard Reading (%RH)	UUC Reading (%RH)	Deviation (%RH)	Expanded Uncertainty (±) %RH	
Humidity @ 25°C	29.9	30	0.1	1.8	
	49.8	50	0.2		
	69.8	70	0.2		
	89.7	90	0.3		
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 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.					
Calibrated by		MK BEST CALIBRATION SERVICES CHENNAI		Authorized by	
 S.Chandrabose (Calibration Engineer)				 L.Magesh (MD/QM)	