

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.A/01		Page No			1 of 1	
ULR No	CC334023000007811F	Date of Calibration	21.09.2023	Date of Receipt	21.09.2023	
Certificate No	MKBL/23/09/0869-003	Due Date of Calibration	20.09.2024	Date of Issue	23.09.2023	
CUSTOMER INFORMATION				DETAILS OF UNIT UNDER CALIBRATION		
M/S. JAYAM CLINICAL LABORATORY., 16/1 TAJ MAHAL COMPLEX EAST STREET, TIRUKOILUR, KALLAKURICH DIST, PIN CODE - 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	---	
				ID No	JCLEQP/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 / HT1042K152714	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						
1.THERMAL CALIBRATION TEMPERATURE						
Parameter / Range	Standard Reading (°C)	UUC Reading (°C)	Deviation (° C)	Expanded Uncertainty (±) (° C)		
Temperature @ 50% RH	19.98	20.1	0.12	1.3		
	29.91	30.1	0.19			
	39.94	40.2	0.26			
	49.88	50.2	0.32			
Parameter / Range	Standard Reading (%RH)	UUC Reading (%RH)	Deviation (%RH)	Expanded Uncertainty (±) %RH		
Humidity @ 25°C	29.9	30	0.1	1.8		
	49.9	50	0.1			
	69.7	70	0.3			
	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 Items Calibrated.						
5. The User Should Determine The Suitability Of The Instrument For Its Intended Use.						
Calibrated by		X-A-X-V End Of Certificate X-A-X			Authorised by	
 S.Chandrabose (Calibration Engineer)					 I. Magesh (MD/QM)	