

MK BEST CALIBRATION SERVICES

NABL ACCREDITED CALIBRATION LABORATORY AS PER ISO/IEC17025 : 2017



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CC-3340

CERTIFICATE OF CALIBRATION

MQF/5.10/01

ULR No	: CC334022000001793F	Date of Issue	: 27.01.2022
Date of Calibration	: 24.01.2022	Recom.Due Date	: 23.01.2023

Customer Details : M/S.SRI SAMRAJ LABS., 2nd,FLOOR,No.217,ANNA SALAI, RAMANATHAPURAM - 623 501.	Certificate No	: MKBL/22/01/063-018
	Date of Receipt	: 24.01.2022
	Condition of UUC Received	: Satisfactory

Description	: THERMOHYGROMETER	Identification No	: SSLRMD/EQP/MT/14
Make	: HTC	Range	: Temperature : '-10 to 50 °C Humidity : 10 to 99 % RH
Type	: --		
Model	: HTC-2	Resolution	: 0.1 °C / 1% RH
Serial No	: ---	Location	: MOLECULAR LAB

NABL TRACEABILITY DETAILS

S.No	Description	Id.No/SI. No	Traceability	Certificate No	Validity
1	Temp.&Humidity Indicator With Sensor	MK/CAL-43 / HTI 042K152714	National Standards	CRMTL/01/421100630-A4	07.07.2022
Cal. Procedure ref		MWI/T-05			

Environmental Details :Temperature: 25.3 °C Relative Humidity: 50 %

CALIBRATION RESULTS

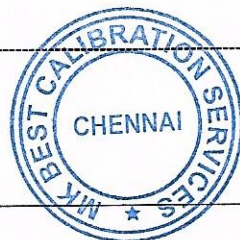
PARAMETER /RANGES	STANDARD READING	UUC READING	ERROR OBSERVED	EXPANDED UNCERTAINTY
TEMPERATURE @50% RH	°C	°C	°C	± °C
	0.05	0.0	-0.1	0.8
	10.15	9.8	-0.4	
	20.22	19.9	-0.3	
	30.18	29.8	-0.4	
	40.22	39.9	-0.3	
50.16	49.6	-0.6		
HUMIDITY @ 25°C	% RH	% RH	% RH	± % RH
	30.1	32	1.90	2.58
	60.1	62	1.90	
	70.2	72	1.80	
90.2	92	1.80		

Remarks :

- The Expanded Uncertainty associated with the results is calculated at a confidence level of approximately 95%with a Coverage factor K=2.
- The above UUC was Calibrated at Lab.

Calibrated by

S.ChandraBose
Calibration Engineer



Authorised Signatory

L.Magesh
Authorised Signatory