

MK BEST CALIBRATION SERVICES



NABL ACCREDITED CALIBRATION LABORATORY AS PER ISO/IEC17025 : 2017

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CC-3340

CERTIFICATE OF CALIBRATION

FF/7.8/01				Page No	1 of 2
URL No	CC334022000010878F	Date of Calibration	11.06.2022	Date of Receipt	11.06.2022
Certificate No	MKBL/22/06/0669-004	Recom. Due Date	10.06.2023	Date of Issue	11.06.2022

CUSTOMER INFORMATION		DETAILS OF UNIT UNDER CALIBRATION	
M/S. SRI SAMRAJ LABS , (A UNIT OF SRI SAMRAJ HEALTH SERVICE PVT LTD) NO : 14/2 , N.G.O COLONY , TINDIVANAM - 604 001 .		Description	THERMO HYGROMETER
		Make / Model	HTC / HTC - 2
		Range	-10 to 50 ° C / 10% 99%RH
		Resolution	± 0.1 ° C / ± 1%
		ID / No	SSLTVM/EQP/CB/005
		Serial No	----
		Location	CLINIC BIO CHEMISTRY
		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/01/421100630-A4	07.07.2022

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

CALIBRATION RESULTS

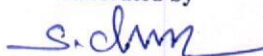
1.THERMAL CALIBRATION TEMPERATURE				
Parameter / Range	Standard Reading (°C)	DUC Reading (°C)	Deviation (° C)	Expanded Uncertainty (±) (° C)
Temperature @ 50% RH	20.22	20.4	0.18	0.31
	30.12	30.5	0.38	
	40.08	40.5	0.42	
	50.14	50.6	0.46	
Parameter / Range	Standard Reading (%RH)	UUC Reading (%RH)	Deviation (%RH)	Expanded Uncertainty (±) %RH
Humidity @ 25°C	30.3	31	-0.7	1.42
	50.3	52	-1.7	
	70.4	73	-2.6	
	90.4	93	-2.6	

Remarks :

- The Expanded Uncertainty Associated with the Results is Calculated at a Confidence Level of Approximately 95% with a Coverage factor of K=2.
- The Calibration Certificate Shall not be Reproduced Expect In Full, Without Written Approval Of The Laboratory.
- The Recalibration Interval Should be Determined on the User Requirement.
- The Results Stated In This Certificate Relate Only to the Item Calibrated.
- The User Should Determine The Suitability Of The Instrument For Is Intended Use.

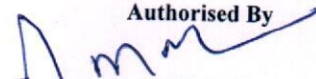
x-x-x-x End Of Certificate x-x-x-x

Calibrated by


S.Chandra Bose
(Calibration Engineer)



Authorised By


L.Magesh
(MD/QM)