



Avi Scientific (India)

CALIBRATION LABORATORY



CALIBRATION CERTIFICATE

AVI/Certificate/F-12B		Calibration Certificate for Thermohygrometer			Page No: 01 of 02	
Date of Calibration: 23.07.2021		Next Cal. due on: 22.07.2022	Date of Issue: 24.07.2021	ULR No.:	CC264521000000210F	
SRF No. 2100088		SRF Date 23.07.2021	Job No.	2107066	Job Date	23.07.2021
Certificate No.:		AVI2107066				
Discipline : Thermal calibration		Group : Temperature & Humidity				
Customer's Name & Address:			Lotus Diagnostics Shop no.5 Chandresh CHS, Near Lotus Hospital, Devki Nagar, Borivali West, Mumbai 103			
Calibration Carried out:			INHOUSE			
Description of item Calibrated:						
Make			HTC			
Model			HTC-1			
Serial No.			-			
Identification No.			LD/HYG/01			
Range			-50 to 70°C / 10 to 99%RH			
Least Count			0.1°C/1%RH			
Location			-			
Work Instruction No.			AVI/WI-19			
Environmental Condition			Temp. (°C): (25±4) Relative Humidity (% RH) (40 - 60)			
Standard(s) used for Calibration:			Digital Temperature & Humidity Indicator with sensor Sr.no: Indicator : (130802-01/Sensor: 61081339) Certificate no: M-200818-16-2 , Due Date : 04/09/2021 Calibrated By: Godrej & Boyce , CC 2634			

Authorised Signatory

(Janardan Chavan)
Technical Manager



Please Refer Note Backside of the Page



Avi Scientific (India)

CALIBRATION LABORATORY



CALIBRATION CERTIFICATE

AVI/Certificate/F-12B		Calibration Certificate for Thermohygrometer			Page No:	02 of 02
Date of Calibration:		Next Cal. due on:	Date of Issue:	ULR No.:	CC264521000000210F	
23.07.2021		22.07.2022	24.07.2021	Certificate No.:	AVI2107066	
SRF No.	2100088	SRF Date	23.07.2021	Job No.	2107066	Job Date
					23.07.2021	

OBSERVATION TABLE

Temperature @ 50% RH

Sl. No.	Range °C	Standard Reading °C	UUC Reading °C	Error °C	Expanded Uncertainty (At 95% CL, K=2), (±°C)
1	-50 to 70°C	20.3	20.1	-0.2	1.21
2		30.4	30.1	-0.3	1.21
3		40.5	40.1	-0.4	1.21

Relative Humidity @ 25°C

Sl. No.	Range (% RH)	Standard Reading (% RH)	UUC Reading (% RH)	Error (% RH)	Expanded Uncertainty (±%RH)
1	10 to 99 %RH	31.3	30	-1.3	3.15
2		62.3	60	-2.3	3.15
3		93.2	90	-3.2	3.15

Note: calibration points are taken as per customer request

Calibrated By

(Prathamesh Mestry)
Calibration Engineer



Authorised Signatory

(Janardan Chavan)
Technical Manager

Please Refer Note Backside of the Page