



Avi Scientific (India)


CALIBRATION LABORATORY



CALIBRATION CERTIFICATE

AVI/Certificate/F-12B		Calibration Certificate for Thermohygrometer			Page No: 01 of 02	
Date of Calibration:		Next Cal. due on:	Date of Issue:	ULR No.:	CC264521000000211F	
23.07.2021		22.07.2022	24.07.2021	Certificate No.:	AVI2107067	
SRF No.	2100088	SRF Date	23.07.2021	Job No.	2107067	Job Date
						23.07.2021
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/02			
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 Mangaer



Please Refer Note Backside of the Page



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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.:	CC264521000000211F		
23.07.2021		22.07.2022	24.07.2021	Certificate No.:	AVI2107067		
SRF No.	2100088	SRF Date	23.07.2021	Job No.	2107067	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	20.2	20.1	-0.1	1.21
2		30.3	30.1	-0.2	1.21
3		40.4	40.1	-0.3	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	31.2	30	-1.2	3.15
2		62.3	60	-2.3	3.15
3		93.2	90	-3.2	3.15

Calibrated By

(Prathamesh Mestry)
Calibration Engineer



Authorised Signatory

(Janardan Chavan)
Technical Manager

Please Refer Note Backside of the Page