



Avi Scientific (India)

CALIBRATION LABORATORY



Certificate No. CC -2645



CALIBRATION CERTIFICATE

AVI/Certificate/F-12B		Calibration Certificate for Thermohyrometer				Page No: 01 of 02	
Date of Calibration:		Next Cal. due on:		Date of Issue:		ULR No.:	
23.07.2021		22.07.2022		24.07.2021		Certificate No.:	
						AVI2107068	
SRF No.	2100088	SRF Date	23.07.2021	Job No.	2107068	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/03			
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



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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.:	CC264521000000212F		
23.07.2021		22.07.2022	24.07.2021	Certificate No.:	AVI2107068		
SRF No.	2100088	SRF Date	23.07.2021	Job No.	2107068	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		62.4	60	-2.4	3.15
3		93.3	90	-3.3	3.15

Calibrated By

(Prathamesh Mestry)
Calibration Engineer



Authorised Signatory

(Janardan Chavan)
Technical Manager

Please Refer Note Backside of the Page