



AN LABORATORIES

CALIBRATION & TESTING LABORATORIES

303, B-56, Kapil CHS, Gokuldham, Goregaon (East), Mumbai - 400 063.
 Mob.: 7021536885 / 9969541543 E-mail : sales.anlaboratories@gmail.com

Calibration Certificate

Hygrometer

Certificate No: AN/22020023

Service Requested by:		M/s Asavlee Dr. Aparna's Pathology Laboratory		Request Date:	05.02.2022			
				Received on:	07.02.2022			
				Physical Condition:	Good			
Details of Instrument/Unit Under Calibration (UUC)								
Instrument Name:	Hygrometer	Calibration Date:	07.02.2022					
Manufacturer:	NA	Calibration Due Date:	06.02.2023					
Model:	HTC-1	Calibrated at:	Lab					
Serial No.:	A1-8	Equipment :	NA					
Id. No.:	NA							
Location:	NA							
Ambient Conditions								
Temperature	25.9 ± 2 °C	Relative Humidity	58 %RH ± 5 %RH					
Calibration Specifications								
Parameters	Range	Calibration Points	Accuracy	Resolution				
Temperature	NA	NA	±1°C	0.1 °C				
Humidity	NA	NA	±5%RH	0.1 %RH				
Reference Standards Used								
Equipment Type	Serial No./Id. No.	Uncertainty	Certificate No.	Cal. Date	Due Date			
Temperature & Humidity Logger	DL08165401/AN-007	Temp: ±0.5°C RH: ±2.3%RH	QATM-21060492	22-06-2021	21-06-2022			
Calibration Procedure: Hygrometer is calibrated by comparison against Standard Temperature & Humidity Logger								
Observations								
Set Point		UUC		Standard		Deviation		Uncertainty
°C	%RH	°C	%RH	°C	%RH	°C	%RH	
25	40	25.3	43	24.93	40.03	0.37	2.97	Temp: ±0.2°C RH: ±3.5%RH
30	60	30.4	63	30.04	60.15	0.36	2.85	
20	80	20.5	82	20.17	80.06	0.33	1.94	
<p>Note: UUC: Unit under calibration Uncertainty has been calculated for a coverage factor k=2 corresponding to approximately 95.5% Confidence Level The Standard maintained are traceable to National/ International Standard through accredited Laboratories. The observations reported represent values at the time of the measurements and under the stated condition. They do not convey any long term stability information.</p>								
Calibrated By:			Mib 08-Feb-2022					
Name:			Mandar Apple					
Reviewed By:			Bheli 08/2/2022					
Name:			Jayashree Bheli					
END OF REPORT						Page 01 of 01		

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19.4476902

72.8008836

7:10
PM
25.0°C
⊕ DRY 39%

MODE ADJ ||| °C/°F MAX/MIN

THERMOHYGROMETER

ASV - N9