



HYTECH INSTRUMENT

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Calibration Certificate

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Format No. : HY/FM/33

Certificate No.	HY/21/1371-153	CALIBRATION CERTIFICATE OF Thermo Hygrometer
Date of Calibration :	26.11.2021	
Next Date for Calibration (As per agreed with the Customer)	26.11.2022	
Certificate Issue Date	27.11.2021	

CUSTOMER ADDRESS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Care Hospital (A Unit of Goel Superspeciality Medical Centre Pvt.Ltd.) Near Delapeer Petrol Pump, Stadium Road, Bareilly - 243001 INDIA		Make / Model	HTC
SERVICE REQUEST FORM DETAILS		Instrument Sr. No.	NA
		Resolution / Least Count	0.1°C, 1%RH
Service Request / Job No.	1371/1371-153	Range / Size	0 to 50°C, 5 to 95%RH
Service Request Dated	24.11.2021	Asset Code / I.D No.	CH/LAB/HM/05
		Location	LAB
		Instrument Condition	In Working

Calibration Procedure	HY/WI/2T02	Calibration Performed At	In Lab
Reference Standard	NABL-129	Discipline	Thermal
ENVIRONMENTAL CONDITIONS	Temperature	(25 ± 5) °C	Relative Humidity
			(60 ± 15) %RH

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	Temp. & Humidity Meter with Sensor	PV/2109/0747	PV Calibration	27.09.2022

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	SET VALUE (°C)	STANDARD VALUE (°C)	DUC VALUE (°C)	ERROR (°C)	Uncertainty ± (°C)
Temperature	15.0	15.2	15.2	0.0	0.35
At 50%RH	25.0	25.4	25.3	-0.1	0.35
	35.0	35.1	35.1	0.0	0.35

PARAMETER	SET VALUE (%RH)	STANDARD VALUE (%RH)	DUC VALUE (%RH)	ERROR (%RH)	Uncertainty ± (%RH)
Humidity	30.0	30.1	29	-1.1	1.90
At 25°C	50.0	51.2	51	-0.2	1.90
	80.0	80.3	80	-0.3	1.90

Expanded Uncertainty of measurement at approximately 95% Confidence Level with coverage factor k=2

<p>Note :-</p> <ol style="list-style-type: none"> 1. DUC = Device Under Calibration 2. The Certificate refers only to the particular items submitted for Calibration. 3. This Certificate shall not be reproduced, except in full, without the permission of the CRO Hytech Instrument, Ghaziabad. 4. Result Reported are Valid at the time of and under the stated conditions of measurement. 5. Calibration Certificate issue for weight & Measure parameters, Volumetric equipment, Measuring Scale/Tapes etc. for scientific purpose only and should not be used for Trade / Commercial use. 	<p>CALIBRATED BY (Calib. Engineer)</p> <p>APPROVED BY (CON. AUTH.)</p>
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