



# S.M. ENTERPRISES

# 27<sup>th</sup>

ISO 9001 : 2015  
RQ91/3144

(Calibration and Testing of Electrical, Electronic & Precision Instruments)

Years of Service

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## CALIBRATION CERTIFICATE

CALIBRATION ON 15/05/2023	CALIBRATION DUE 14/05/2024
1. Calibration Report Ref. No. & Date :	SME/NP/SMC/DTHM/011/2023;Dt:15/05/2023
2. Requested by :	To, Prof & HOD( Department Of Microbiology), Siddhartha Medical College, Vijayawada.
3. Instrument Name	Digital Thermo Hygrometer
4. Make/Model:	HTC-2
5. Instrument ID No:	SMC/DTHM/011
6. Range :	-10.0°C to 50.0 °C & 10% to 99 % RH
7. Accuracy :	+/- 1°C & 5%RH
8. Environmental Conditions :	Temp/ RH : 27 +/- 2Deg C; R.H:- 60 +/- 5%
9. Test parameter & condition :	Temperature & RH V/S Temperature & RH comparison method
10. Standard Instruments used for Calibration:	Digital Thermo Hygrometer
11. Traceability Certificate Ref. No.	TSC/22-23/8627-1, Date:06/09/2022, Due Date:06/09/2023.

### TEST RESULTS

Sl No	Standard Reading Of Temperature & RH		Observed Reading Of Under Calibration Hygrometer In Deg C & %RH		Error Value +/-	
	Temperature in °C	RH in %	Temperature in °C	RH in %	Temp in °C	RH in %
1	-10.0	10	-10.0	12	0.0	2
2	0.0	30	0.1	32	0.1	2
3	10.0	40	10.2	38	0.2	2
4	20.0	50	19.9	52	0.1	2
5	30.0	60	29.8	62	0.2	2
6	40.0	75	39.8	74	0.2	1
7	50.0	90	49.8	88	0.2	2

PLEASE NOTE: THE INSTRUMENTS ERROR NOT FOUND TO BE WITHIN THE SPECIFIED ACCURACY LIMIT AND THIS CERTIFICATE VALID FOR PERIOD OF ONE YEAR FROM THE DATE OF ISSUE.

CALIBRATED BY  
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