



# S.M. ENTERPRISES

27<sup>th</sup>  
Years of Service

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

Office/Cal. Lab : Plot No. 12, "Ganesh Niwas", Sanjeeviah Nagar, Co-operative Society, Besides Tadhund Hanuman Temple, Sikh Village, Secunderabad - 500 009, T.S, INDIA z: (040) 27840697, 48541008  
Cell: 9848020798, 9948291008, 9948292008, 9848293008, 9948294008 Email msudheer 98@yahoo.com, msudheer 98@smentp.org, SME 003@YAHOO.IN, url : www.smentp.org

## CALIBRATION CERTIFICATE

CALIBRATION ON 25/05/2023	CALIBRATION DUE 24/05/2024
1. Calibration Report Ref. No. & Date :	SME/NP/SVMC/DTHM/CAL-015/2023;Dt:25/05/2023
2. Requested by :	To, Prof & HOD (State reference Lab) Department Of Microbiology SV Medical College Tirupathi AP
3. Instrument Name	Digital Thermo Hygrometer
4. Make/Model:	HTC-2
5. Instrument ID No:	SVMC/DTHM/015
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 comprasion 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	-10.2	11	0.2	1
2	0.0	30	0.2	31	0.2	1
3	10.0	40	10.1	40	0.1	0
4	20.0	50	20.1	52	0.1	2
5	30.0	60	29.9	61	0.1	1
6	40.0	75	39.8	76	0.2	1
7	50.0	90	49.8	89	0.2	1

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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