

# SIMCO CALIBRATION LABORATORY

(A Division of : Sharp Industrial Machinery Maintenance Co. Pvt. Ltd.)

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CC-2806

## CALIBRATION CERTIFICATE

In accordance with ISO / IEC-17025 : 2017

F10-CC-03

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<b>Certificate No. : SL2112TL0701-011</b>	<b>Issue Date : 11-12-2021</b>
<b>1. Customer Name &amp; Address:</b> M/s. Likhitha's Diagnostics and Speciality Lab Zenrise, Plot No.201, Mythrinaragar, Miyapur, NH - 65, Madinuguda, Hyderabad-500049.	<b>ULR - C C 2 8 0 6 2 1 0 0 0 0 0 7 0 8 7 F</b>
	Reference Date : 07-12-2021
	Calibration Date : 09-12-2021
	Calibration Due Date : 08-12-2022

### 2. Details of Unit Under Calibration:

Description : Digital Thermo Hygrometer	Model : HTC-1
Make : HTC	
Range : -50 to 70 °C & 10 to 99 %RH	
Resolution : 0.1°C & 1%RH	
ID No : LDSL/LAB/DTHM/01	

### 3. Detail of Standard Instruments Used :

Instrument Used	SI / Id No	Valid up to	Certificate No.
Digital Thermo Hygrometer With Sensor	5180091/2027760 4	31-07-2022	30041961

4. Environmental Conditions: Standard Temperature : (25±4)%RH Relative Humidity : (50±20) % RH

5. Calibration Procedure: SOP-RH-01

6. Thermal Calibration: Temperature & Relative Humidity

### 7. Calibration Results:

#### a. Temperature @ 50% RH

S. No.	Standard Reading (°C)	UUC Reading (°C)	Error (°C)	Expanded Uncertainty in (±°C)
1	9.87	10.1	0.23	0.26
2	19.79	20.2	0.41	0.26
3	39.92	40.4	0.48	0.26
4	59.98	60.5	0.52	0.26

#### b. Relative Humidity @ 25°C

S. No.	Standard Reading (%RH)	UUC Reading (%RH)	Error (%RH)	Expanded Uncertainty in (± %RH)
1	10.71	11	0.29	1.11
2	40.49	41	0.51	1.11
3	59.32	60	0.68	1.11
4	96.17	97	0.83	1.11

### 8. Remarks:

- The instrument was received in good condition and was calibrated at Lab.
- This certificate pertains only to the item calibrated.
- The calibration results reported in this certificate are valid at the time of and at the stated environmental conditions.
- The Measurement Uncertainty is reported approximately at 95% confidence level with coverage factor  $k = 2$
- The calibration is traceable to National standards as per traceability details given in the certificate.
- This calibration certificate shall not be reproduced in full, except with prior written approval of Managing Director, SIMCO Calibration Laboratory.
- This calibration certificate is meant for scientific and industrial purpose only.
- The calibration interval is determined based on customer's requirements.
- The NABL Symbol is used as per NABL guidelines in NABL-133.

*Kunnea*  
Calibrated by

Mrs. P.A. Anandam  
Technical Head  
Authorised Signatory