

# 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

Page : 1 of 1

<b>Certificate No. : SL2206TL0392-001</b>	<b>Issue Date : 10-06-2022</b>
<b>1. Customer Name &amp; Address:</b> <b>M/s. LIKITHA DIAGNOSTICS SERVICES &amp; SPECIALITY LAB,</b> Aundh, Pune - 411007.	<b>ULR - C C 2 8 0 6 2 2 0 0 0 0 3 7 8 2 F</b>
	Reference Date : 08-06-2022
	Calibration Date : 09-06-2022 Calibration Due Date : 08-06-2023

### 2. Details of Unit Under Calibration:

Description : Digital Thermo Hygrometer	Model No. : 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)°C 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	9.93	10.2	0.27	0.26
2	20.01	20.4	0.39	0.26
3	40.09	40.6	0.51	0.26
4	60.08	60.7	0.62	0.26

#### b. Relative Humidity @ 25°C

S No.	Standard Reading (%RH)	UUC Reading (%RH)	Error (%RH)	Expanded Uncertainty in (± %RH)
1	9.59	10	0.41	1.11
2	40.27	41	0.73	1.11
3	60.06	61	0.94	1.11
4	95.79	97	1.21	1.11

### 8. Remarks:

- The instrument/equipment is 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 calibration interval is determined based on customer's requirements.
- 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 NABL Symbol is used as per NABL guidelines in NABL-133.
- The Expanded Uncertainty is reported approximately at 95.45% confidence level with coverage factor  $k = 2$ .

*Kunnee*

Calibrated by

*N.V. Kameswara Rao*  
N.V. Kameswara Rao  
Technical Manager  
Authorised Signatory