

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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Certificate No. : SL2109TL0521-002	Issue Date : 18-09-2021
1. Customer Name & Address: M/s. LIKITHA DIAGNOSTIC-SPECIALITY LAB, ECIL, H.No-1-8-65/A, North Kamala Nagar, Above Andhra Bank, ECIL, Hyderabad - 500 062.	ULR - C C 2 8 0 6 2 1 0 0 0 0 5 3 0 5 F Reference Date : 17-09-2021 Calibration Date : 18-09-2021 Calibration Due Date : 17-09-2022

2. Details of Unit Under Calibration:

Description : Digital Thermometer with Probe
Make : Waves
Range : -50 to 50 °C
Resolution : 0.1 °C

3. Detail of Standard Instruments Used :

Instrument Used	SI / Id No	Valid up to	Certificate No.
Digital Temperature Indicator With SPRT Sensor	935-14-95 H	11-03-2022	FL/C/TH/09032021-C014

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

5. Calibration Procedure: SOP-DTS-01

6. Thermal Calibration: Temperature

7. Calibration Results:

S. No.	Standard Reading (°C)	UUC Reading (°C)	Error (°C)	Expanded Uncertainty in (±°C)
1	-29.766	-30	-0.234	0.09
2	-9.819	-10	-0.181	0.09
3	-0.106	0	0.106	0.09
4	24.738	25	0.262	0.09
5	49.613	50	0.387	0.09

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.

Kinnara

Calibrated by

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