

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

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Certificate No. : SL2304TL0287-018

ULR - CC 2 8 0 6 2 3 0 0 0 0 0 2 6 2 1 F

8. Calibration Results:

a. Temperature @ 50% RH

S No	Standard Reading (°C)	UUC Reading (°C)	Error (°C)	Expanded Uncertainty in (± °C)
1	9.92	10.1	0.18	0.9
2	19.91	20.2	0.29	0.9
3	39.95	40.3	0.35	0.9
4	59.94	60.4	0.46	0.9

b. Relative Humidity @ 29°C

S No	Standard Reading (%RH)	UUC Reading (%RH)	Error (%RH)	Expanded Uncertainty in (± %RH)
1	19.69	20	0.31	1.2
2	34.52	35	0.48	1.2
3	59.37	60	0.63	1.2
4	95.03	95	0.97	1.2

c. Temperature (Probe)

S No	Standard Reading (°C)	UUC Reading (°C)	Error (°C)	Expanded Uncertainty in (± °C)
1	-30.086	-30.3	-0.214	0.4
2	0.029	0.1	0.071	0.4
3	10.057	10.2	0.133	0.4
4	40.059	40.3	0.241	0.4
5	60.028	60.4	0.372	0.4

Shiraj
 Calibrated by

P.A. Anandam
 Mrs. P.A. Anandam
 Technical Head
 Authorised Signatory



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CALIBRATION CERTIFICATE

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F18-CC-03

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Certificate No : SL2304TL0287-018	Issue Date : 04-05-2023
1. Customer Name & Address: M/s.State Reference Laboratory Of HIV Testing (APSACS), Department Of Microbiology, Kurnool Medical College, Kurnool, 518 002.	ULR - C C 2 8 0 6 2 3 0 0 0 0 0 2 6 2 1 F
	Reference Date 29-04-2023
	Calibration Date 30-04-2023
	Calibration Due Date 29-04-2024

2. Details of Unit Under Calibration

Description	Digital Thermo Hygrometer With Probe		
Make	HTC	Model No	HTC-2
Range	-50 to 70 °C / 10 to 99 %RH		
Resolution	0.1 °C / 1 %RH		

3. Detail of Standard Instruments Used

Instrument Used	SI / Id No	Valid up to	Certificate No
Digital Thermo Hygrometer With Sensor	5180091/2027760 4	16-07-2023	30056478
Digital Temperature Indicator With SPRT Sensor	935-14-95 H	20-04-2024	TSC/22-23/18859-2

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

5. Calibration Procedure: SOP-TL-01 / SOP-TL-04

6. Thermal Calibration: Temperature & Relative Humidity

7. 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.

[Signature]
Calibrated by

[Signature]
Mrs. P.A. Anandam
Technical Head
Authorised Signatory