



# ACCUTRACE LABORATORY LLP

E-14, Madhavpura Market, Nr. Police Commissioner Office, Shahibaug, Ahmedabad-4.  
Ph. No. : +91 99982 22677 • Email : info@accutrace.in • Website : www.accutrace.in



CC-2590

## CALIBRATION CERTIFICATE

ULR : CC259023500004913F

Name And Address of Customer : Human Analysis Centre & Co. 105/51B Dumdum Road Sil Bagan (Near Laksmi Narayan Mandir), Kolkata. 700074		Certificate No. : ATL/T/160923/055 Date of Issue : 16/09/2023
Date of Receipt : 12/09/2023	Calibration Date : 12/09/2023	
Reference No. : ATL/120923/006	Next Due Date* : 12/09/2024	

### UUC Details

Instrument : Thermo Hygrometer	
Make/Model : NM / HTC-1	Cali. Performed at : Thermal Laboratory
Sr. No./Id. No. : NM / TH-01	Condition on Receipt : Good
Range : -10 To 50 °C / 10 To 100 % RH	Calibration Parameter : Temperature & Humidity
Resolution : 0.1°C / 1 % RH	Temp. / Humidity : 25 ± 3 °C / 50 ± 10 % RH
Type : Digital	

Thermal Calibration

### RESULTS

Humidity @ 25 °C

Calibration Point % RH	Standard Reading % RH	UUC Reading % RH	Error in % RH	Expanded Uncertainty in % RH
25	25.38	25	-0.38	± 1.24
45	44.77	44	-0.77	± 1.24
65	64.55	63	-1.55	± 1.24
85	85.50	83	-2.50	± 1.24

Temperature @ 50 % RH

Calibration Point °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in °C
15	15.36	15.2	-0.16	± 0.43
25	25.58	25.2	-0.38	± 0.43
35	35.75	35.3	-0.45	± 0.43
45	45.75	45.1	-0.65	± 0.43

*Maitry*

Calibrated By : Maitry Kadia  
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*Deep*

Authorized Signatory : Deep Ka. Patel  
F. N. : ATL/7.8/CFT-02 Rev : 01

Calibration Facilities available for Mechanical, Electro Technical, Thermal, Flow & Special Instruments



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Range : -10 To 50 °C / 10 To 100 % RH	Temp. / Humidity : 25 ± 3 °C / 50 ± 10 % RH
Resolution : 0.1°C / 1 % RH	
Type : Digital	

### Details of Standard Equipment Used

Name	Sr. No.	Certificate No	Validity	Traceable To
Temp & RH Prob with Indicator	1318 / 20254328	CC210122000002516F	08/11/2023	CC-2101

### Remarks :

- The Reported Uncertainty is at Coverage Factor  $k = 1.96$  which Corresponds to approximately 95% confidence level.
- Methodology of Calibration: based on .
- The above Results are obtained at the time of calibration and calibration is carried without repair or adjustment.
- \*Due Date and calibration point are based on customer requirements.
- Results relate only to the items calibrated.
- All reference standard used for calibration are traceable to National Standard.
- The method used for calibration is without deviation or exclusion.
- Averages of five readings are taken for the Results.
- The information contains in this certificate is meant for Scientific and industrial purpose only.
- U.U.C: Unit under Calibration, NM: Not Mentioned.
- Certificates shall not be reproduced except in full, without written approval of AccuTrace Laboratory LLP.

\*\*\*End of Calibration Certificate\*\*\*

*Maitry*

Calibrated By : Maitry Kadia  
PAGE 2 OF 2



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